

Data Path : Z:\svoasrv\HPCHEM1\BNA\_M\Data\BM091424\  
 Data File : BM047530.D  
 Acq On : 14 Sep 2024 19:12  
 Operator : RC/JU  
 Sample : PB163160BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 01:17:16 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_M\Methods\8270-BM091424.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sun Sep 15 08:56:37 2024  
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	Qvalue
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.851	152	376789	20.000	ng	0.00	
21) Naphthalene-d8	10.645	136	1618389	20.000	ng	0.00	
39) Acenaphthene-d10	14.480	164	920883	20.000	ng	0.00	
64) Phenanthrene-d10	17.215	188	1589037	20.000	ng	0.00	
76) Chrysene-d12	21.439	240	1105064	20.000	ng	0.00	
86) Perylene-d12	24.462	264	804281	20.000	ng	0.00	
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	3836968	162.141	ng	0.00	
7) Phenol-d6	7.016	99	5081348	152.473	ng	0.00	
23) Nitrobenzene-d5	9.004	82	3041912	94.066	ng	0.00	
42) 2,4,6-Tribromophenol	15.963	330	1401425	157.443	ng	0.00	
45) 2-Fluorobiphenyl	13.110	172	6718540	100.501	ng	0.00	
79) Terphenyl-d14	19.833	244	7922916	128.476	ng	0.00	
Target Compounds							
2) 1,4-Dioxane	3.322	88	373085	36.808	ng		99
3) Pyridine	3.716	79	1065341	35.310	ng		98
4) n-Nitrosodimethylamine	3.628	42	601092	43.910	ng		98
6) Aniline	7.175	93	1486093	50.298	ng		98
8) 2-Chlorophenol	7.416	128	1255551	48.129	ng		99
9) Benzaldehyde	6.987	77	279737	17.653	ng		99
10) Phenol	7.040	94	1689803	50.640	ng		98
11) bis(2-Chloroethyl)ether	7.269	93	1187916	44.342	ng		99
12) 1,3-Dichlorobenzene	7.740	146	1206258	42.244	ng		100
13) 1,4-Dichlorobenzene	7.887	146	1238996	42.601	ng		99
14) 1,2-Dichlorobenzene	8.204	146	1199418	41.905	ng		100
15) Benzyl Alcohol	8.087	79	1120124	49.620	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1754572	46.559	ng		100
17) 2-Methylphenol	8.287	107	1061011	49.772	ng		99
18) Hexachloroethane	8.934	117	503235	43.314	ng		97
19) n-Nitroso-di-n-propyla...	8.663	70	1014583	45.154	ng		98
20) 3+4-Methylphenols	8.616	107	1446848	48.642	ng		99
22) Acetophenone	8.669	105	1878673	44.154	ng		99
24) Nitrobenzene	9.045	77	1431038	43.065	ng		99
25) Isophorone	9.581	82	2566145	45.138	ng		99
26) 2-Nitrophenol	9.757	139	562682	49.692	ng		98
27) 2,4-Dimethylphenol	9.816	122	1036637	60.392	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	1613876	45.193	ng		99
29) 2,4-Dichlorophenol	10.292	162	1085780	49.789	ng		99
30) 1,2,4-Trichlorobenzene	10.510	180	1035371	41.448	ng		98
31) Naphthalene	10.698	128	3816406	43.663	ng		100
32) Benzoic acid	9.957	122	703613	42.479	ng		99
33) 4-Chloroaniline	10.798	127	970137	30.699	ng		99
34) Hexachlorobutadiene	10.992	225	567737	41.033	ng		98
35) Caprolactam	11.575	113	319189m	44.437	ng		
36) 4-Chloro-3-methylphenol	11.922	107	1189083	47.579	ng		99
37) 2-Methylnaphthalene	12.310	142	2675858	45.998	ng		99
38) 1-Methylnaphthalene	12.528	142	2494900	43.156	ng		100
40) 1,2,4,5-Tetrachloroben...	12.675	216	1203149	48.283	ng		99
41) Hexachlorocyclopentadiene	12.663	237	1452509	178.307	ng		99
43) 2,4,6-Trichlorophenol	12.910	196	769411	49.285	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.980	196	854467	48.458	ng	97
46) 1,1'-Biphenyl	13.316	154	3321408	46.356	ng	100
47) 2-Chloronaphthalene	13.357	162	2535537	45.575	ng	99
48) 2-Nitroaniline	13.551	65	799548	48.929	ng	99
49) Acenaphthylene	14.204	152	4036704	50.280	ng	100
50) Dimethylphthalate	13.939	163	2827740	45.052	ng	99
51) 2,6-Dinitrotoluene	14.051	165	584532	44.115	ng	97
52) Acenaphthene	14.545	154	2915159m	51.823	ng	
53) 3-Nitroaniline	14.374	138	515880	35.028	ng	99
54) 2,4-Dinitrophenol	14.580	184	604430	80.727	ng	93
55) Dibenzofuran	14.880	168	3683272	46.595	ng	100
56) 4-Nitrophenol	14.680	139	1191274	98.298	ng	99
57) 2,4-Dinitrotoluene	14.833	165	803867	45.490	ng	99
58) Fluorene	15.527	166	3339040	46.917	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.098	232	651097	47.360	ng	99
60) Diethylphthalate	15.304	149	2981295	44.630	ng	100
61) 4-Chlorophenyl-phenyle...	15.521	204	1494537	45.928	ng	99
62) 4-Nitroaniline	15.533	138	756660	43.708	ng	98
63) Azobenzene	15.816	77	3467476	47.142	ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	347804	43.724	ng	98
66) n-Nitrosodiphenylamine	15.733	169	2485201	51.123	ng	100
67) 4-Bromophenyl-phenylether	16.410	248	754844	48.888	ng	99
68) Hexachlorobenzene	16.527	284	820223	46.893	ng	99
69) Atrazine	16.680	200	704798	52.456	ng	99
70) Pentachlorophenol	16.868	266	1072733	105.798	ng	99
71) Phenanthrene	17.257	178	4277100	48.841	ng	99
72) Anthracene	17.351	178	4363975	51.868	ng	100
73) Carbazole	17.610	167	3804785	45.632	ng	100
74) Di-n-butylphthalate	18.186	149	4738766	47.500	ng	100
75) Fluoranthene	19.262	202	4183458	43.785	ng	99
77) Benzidine	19.445	184	1219200	78.337	ng	99
78) Pyrene	19.627	202	4465367	55.397	ng	100
80) Butylbenzylphthalate	20.521	149	1652932	53.270	ng	97
81) Benzo(a)anthracene	21.421	228	3519445	48.862	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	792608	41.367	ng	98
83) Chrysene	21.486	228	3291965	48.319	ng	99
84) Bis(2-ethylhexyl)phtha...	21.356	149	2465921	50.730	ng	99
85) Di-n-octyl phthalate	22.503	149	3384313	49.221	ng	100
87) Indeno(1,2,3-cd)pyrene	27.891	276	2582184	53.648	ng	100
88) Benzo(b)fluoranthene	23.509	252	2536602	48.745	ng	99
89) Benzo(k)fluoranthene	23.574	252	2646672	51.318	ng	99
90) Benzo(a)pyrene	24.327	252	2311498	54.196	ng	99
91) Dibenzo(a,h)anthracene	27.956	278	2144802	52.964	ng	99
92) Benzo(g,h,i)perylene	28.950	276	1955354	49.431	ng	100

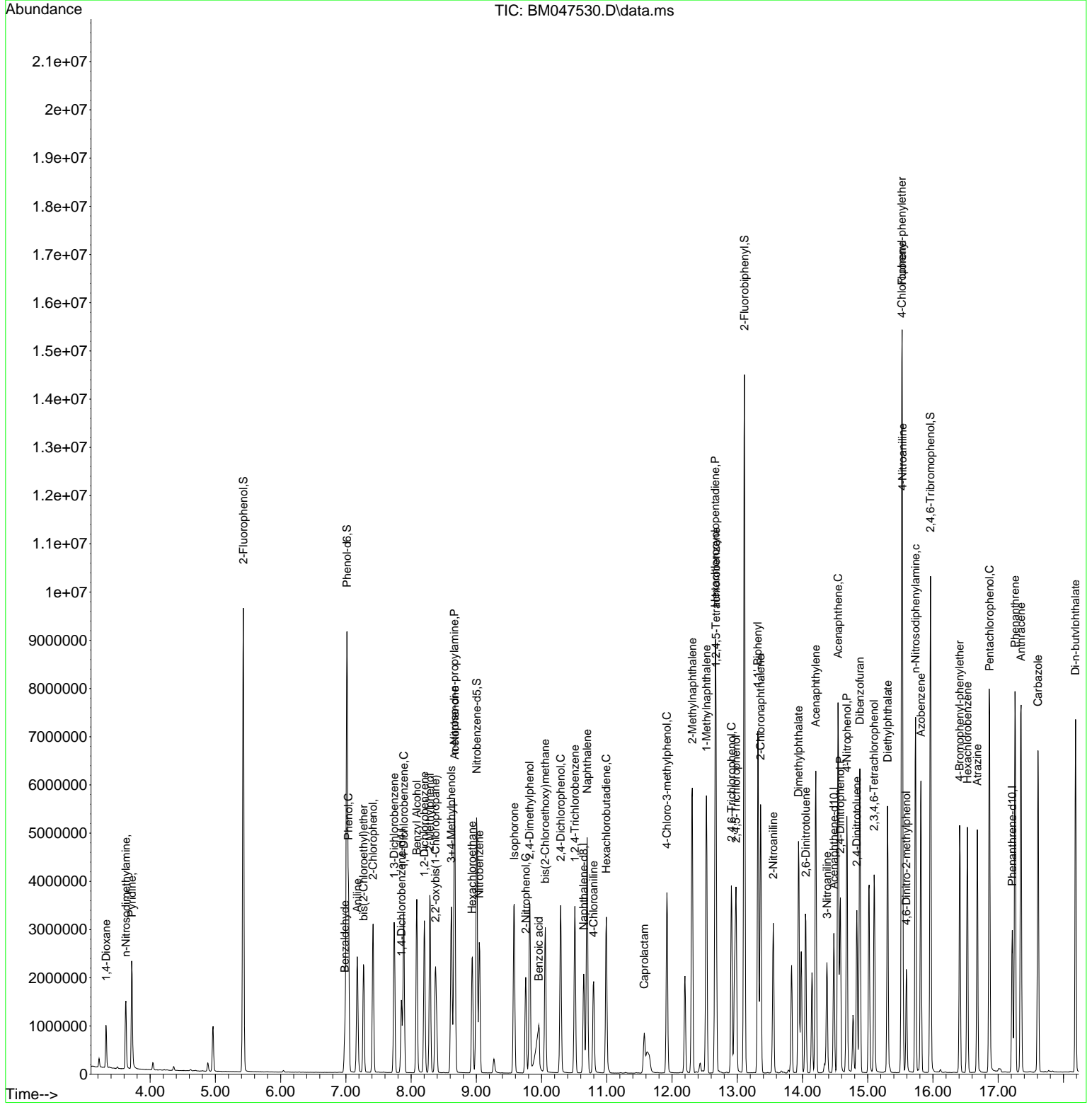
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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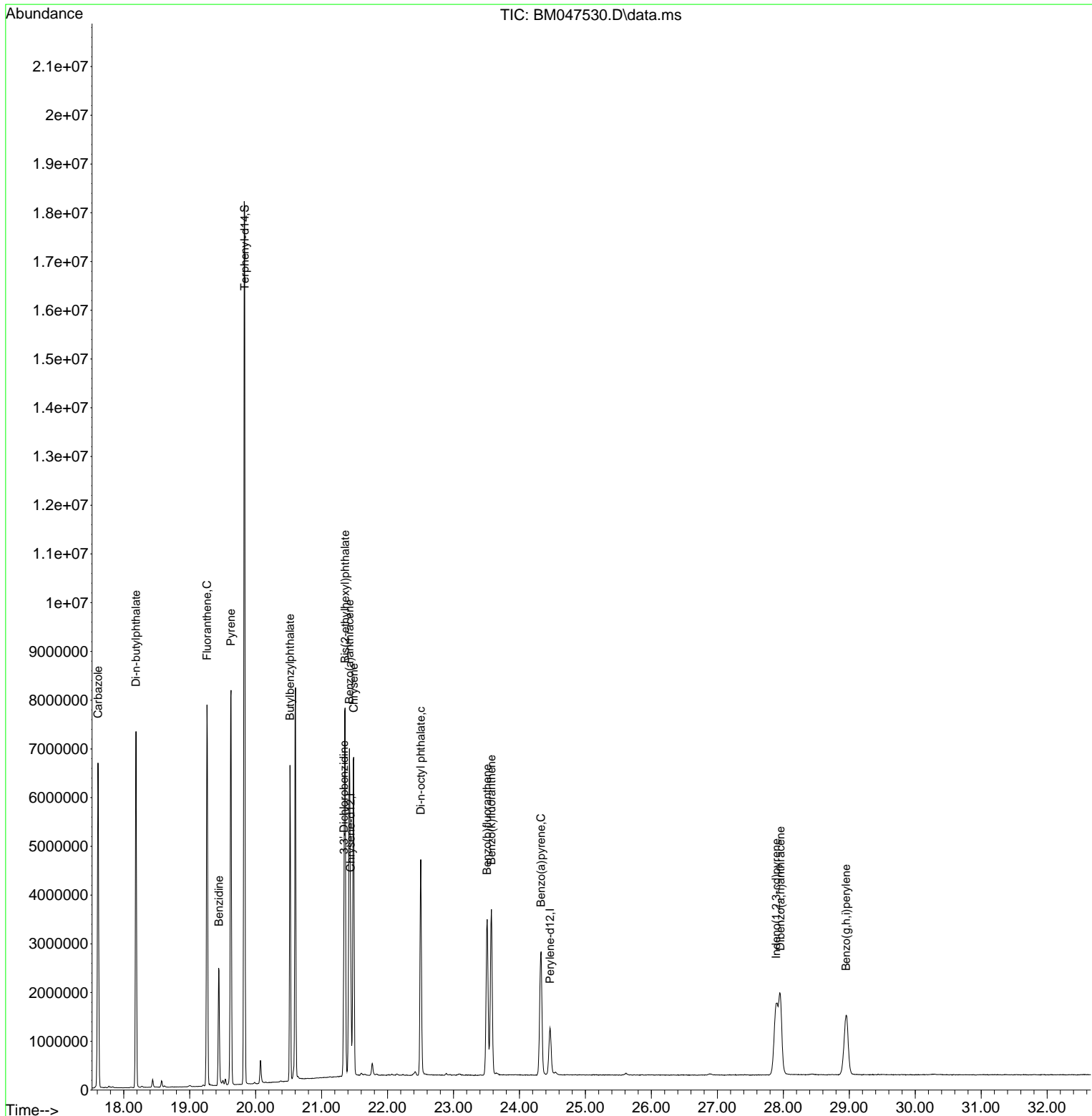


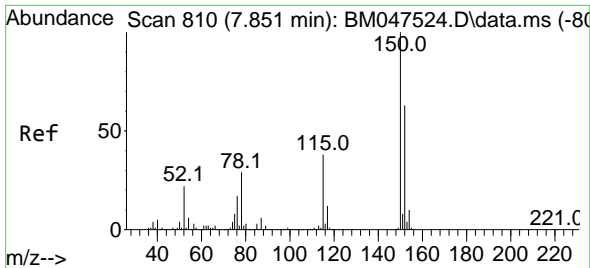
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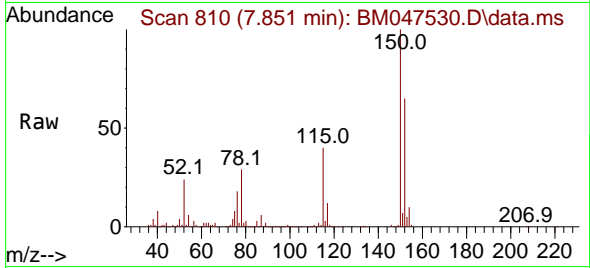
#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.851 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

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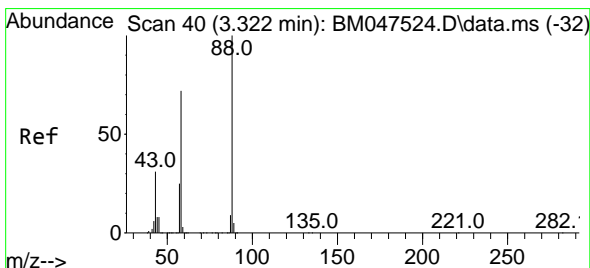
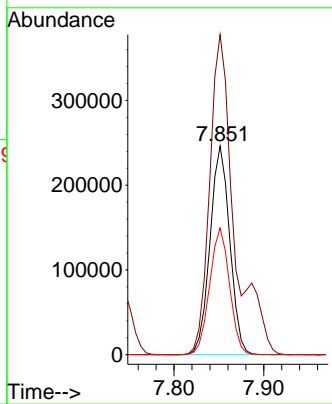
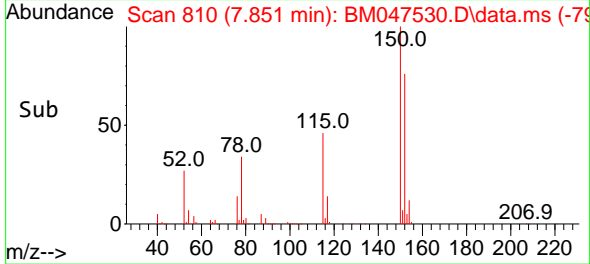


Tgt Ion:152 Resp: 376789  
 Ion Ratio Lower Upper  
 152 100  
 150 153.3 126.8 190.2  
 115 60.7 47.8 71.8

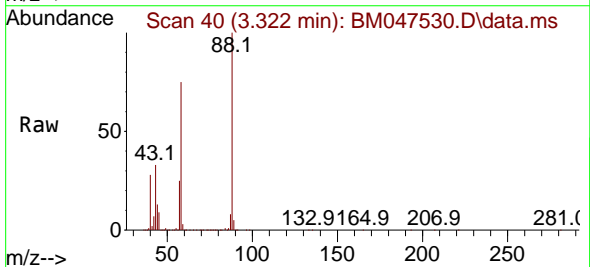
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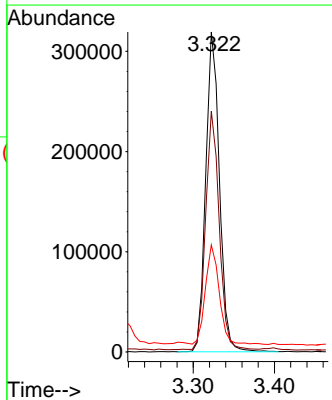
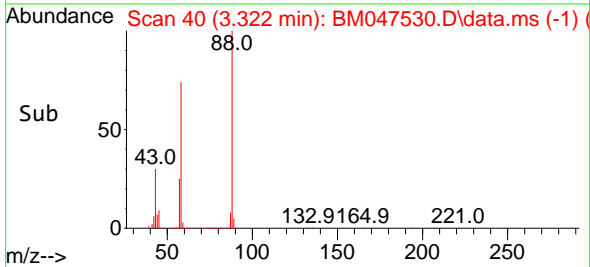
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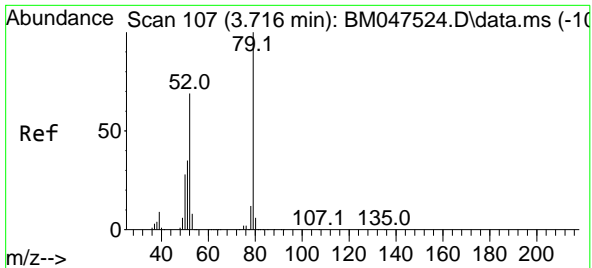


#2  
 1,4-Dioxane  
 Concen: 36.808 ng  
 RT: 3.322 min Scan# 40  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion: 88 Resp: 373085  
 Ion Ratio Lower Upper  
 88 100  
 58 73.3 59.0 88.6  
 43 31.5 25.0 37.4





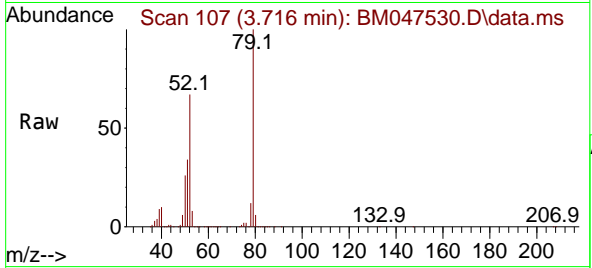
#3  
 Pyridine  
 Concen: 35.310 ng  
 RT: 3.716 min Scan# 107  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

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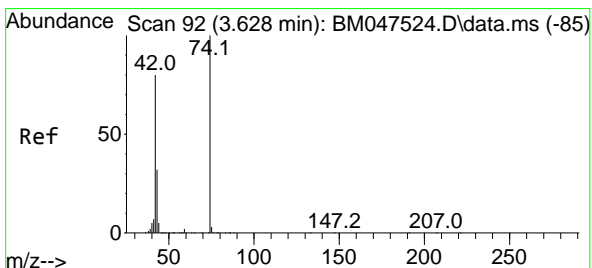
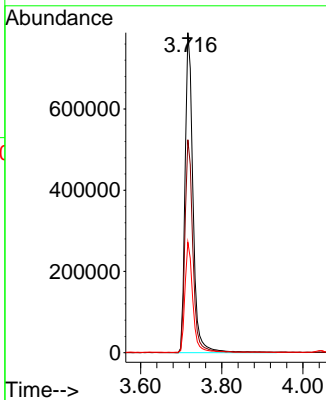
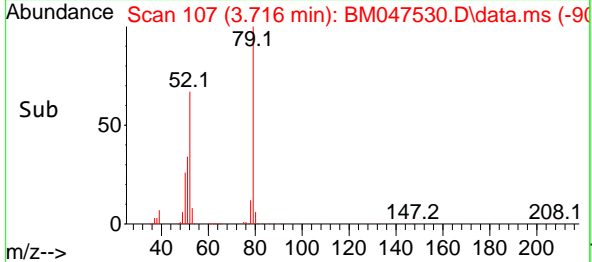


Tgt Ion: 79 Resp: 106534  
 Ion Ratio Lower Upper  
 79 100  
 52 66.5 55.4 83.0  
 51 34.5 27.9 41.9

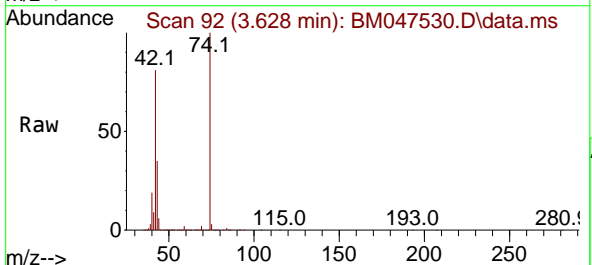
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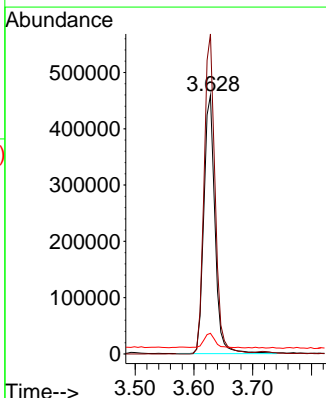
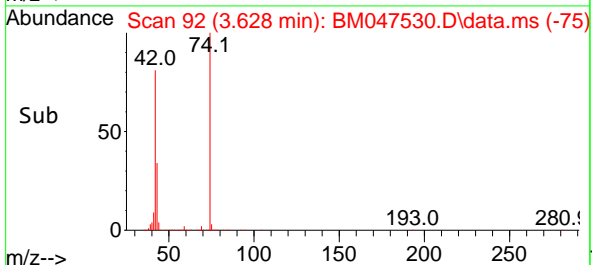
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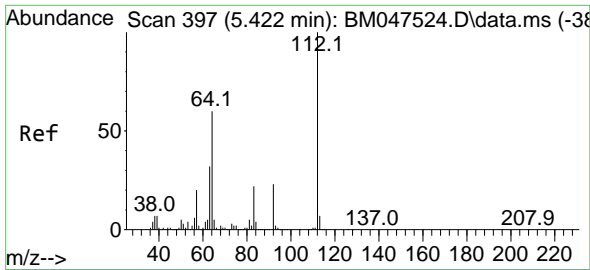


#4  
 n-Nitrosodimethylamine  
 Concen: 43.910 ng  
 RT: 3.628 min Scan# 92  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
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Tgt Ion: 42 Resp: 601092  
 Ion Ratio Lower Upper  
 42 100  
 74 123.8 100.5 150.7  
 44 8.0 6.9 10.3





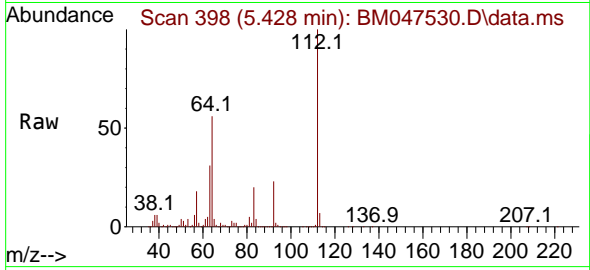
#5  
 2-Fluorophenol  
 Concen: 162.141 ng  
 RT: 5.428 min Scan# 398  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
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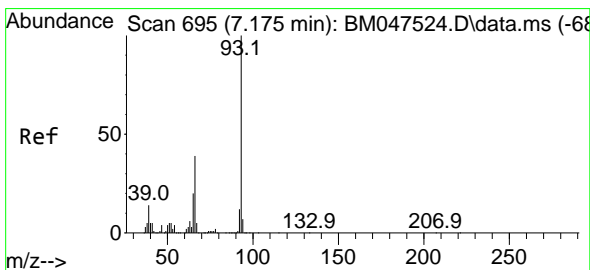
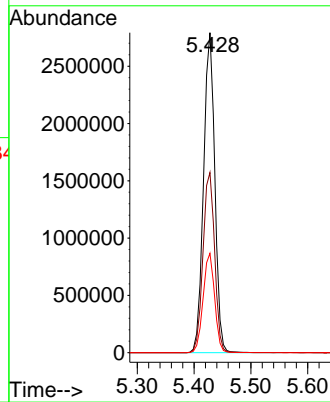
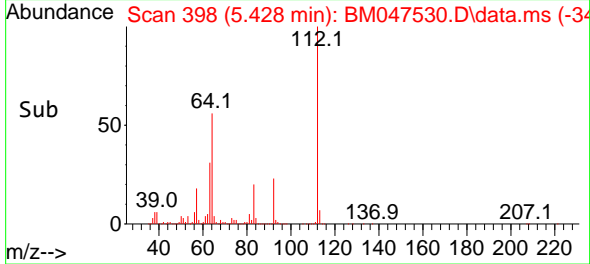


Tgt Ion: 112 Resp: 383696  
 Ion Ratio Lower Upper  
 112 100  
 64 56.3 48.2 72.4  
 63 31.0 26.0 39.0

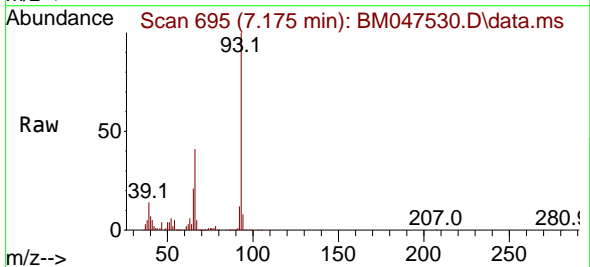
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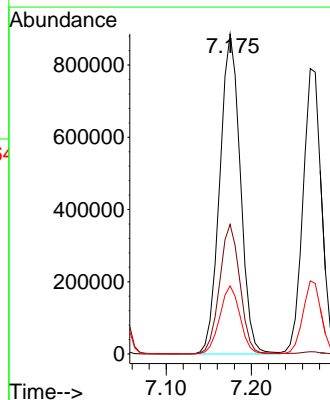
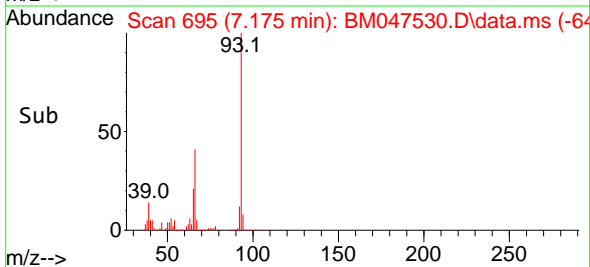
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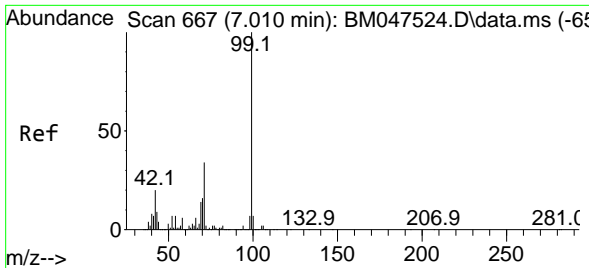


#6  
 Aniline  
 Concen: 50.298 ng  
 RT: 7.175 min Scan# 695  
 Delta R.T. 0.000 min  
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Tgt Ion: 93 Resp: 1486093  
 Ion Ratio Lower Upper  
 93 100  
 66 40.5 31.4 47.0  
 65 21.3 16.3 24.5





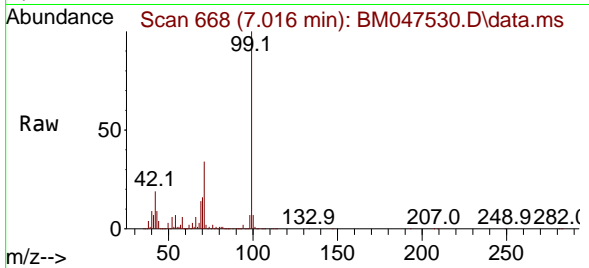
#7  
 Phenol-d6  
 Concen: 152.473 ng  
 RT: 7.016 min Scan# 667  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
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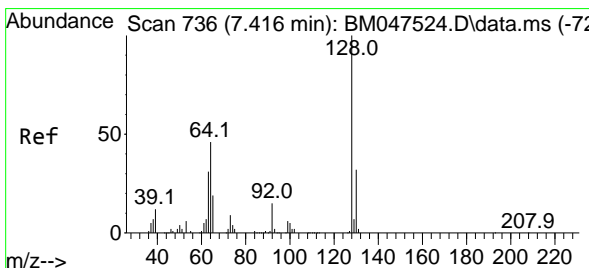
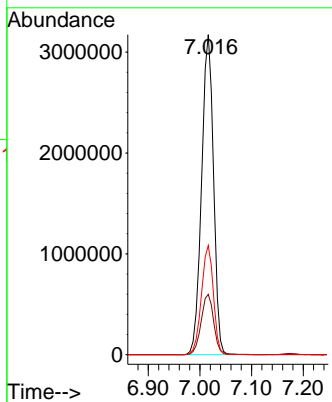
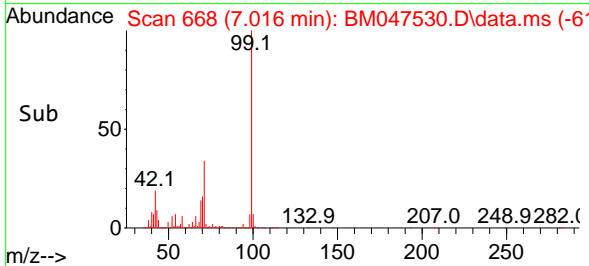


Tgt Ion: 99 Resp: 508134  
 Ion Ratio Lower Upper  
 99 100  
 42 18.9 15.8 23.8  
 71 34.1 27.6 41.4

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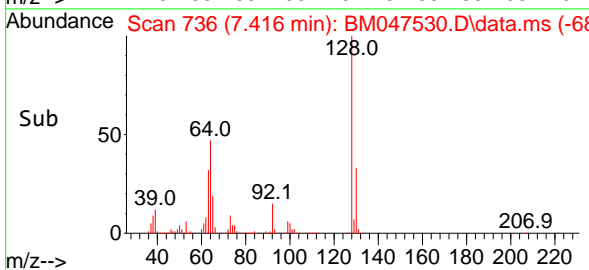
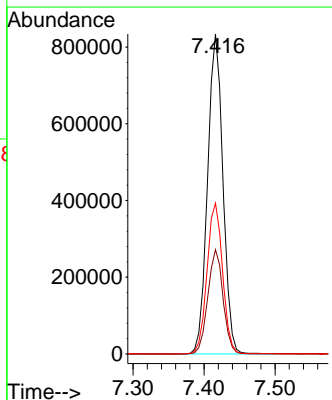
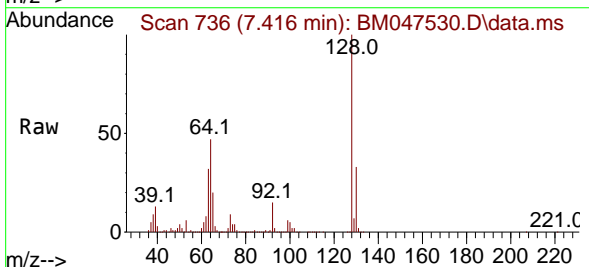
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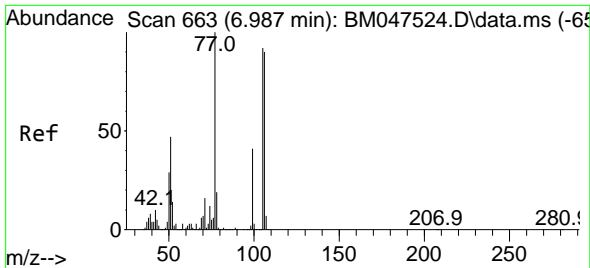


#8  
 2-Chlorophenol  
 Concen: 48.129 ng  
 RT: 7.416 min Scan# 736  
 Delta R.T. 0.000 min  
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Tgt Ion:128 Resp: 1255551  
 Ion Ratio Lower Upper  
 128 100  
 130 32.6 11.8 51.8  
 64 47.1 27.6 67.6

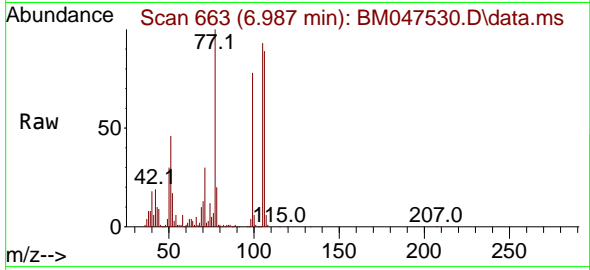






#9  
Benzaldehyde  
Concen: 17.653 ng  
RT: 6.987 min Scan# 609  
Delta R.T. 0.000 min  
Lab File: BM047530.D  
Acq: 14 Sep 2024 19:12

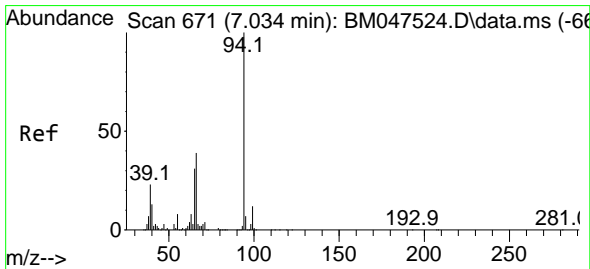
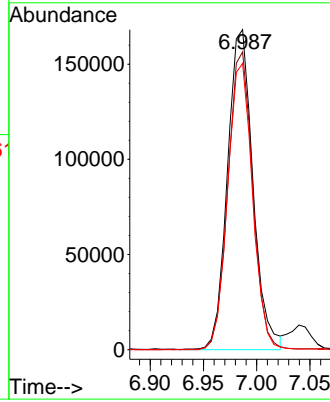
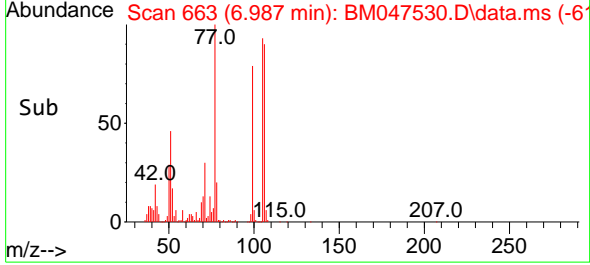
Instrument :  
BNA\_M  
Client Sample Id :  
PB163160BS



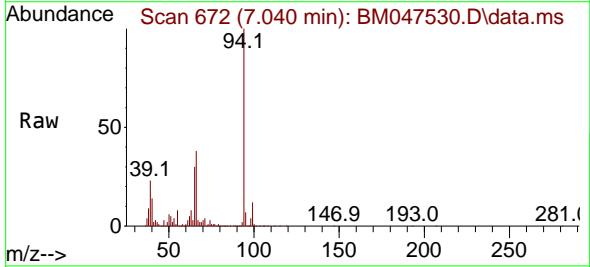
Tgt Ion: 77 Resp: 27973  
Ion Ratio Lower Upper  
77 100  
105 93.0 71.8 111.8  
106 89.5 69.7 109.7

Manual Integrations  
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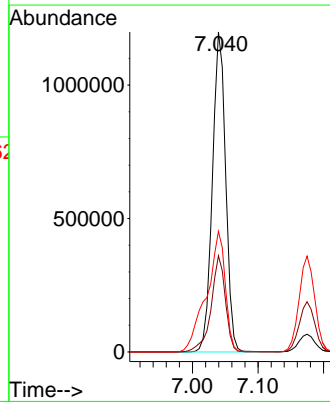
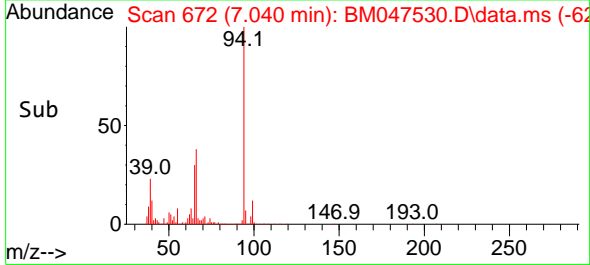
Reviewed By :Jagrut Upadhyay 09/16/2024  
Supervised By :mohammad ahmed 09/17/2024

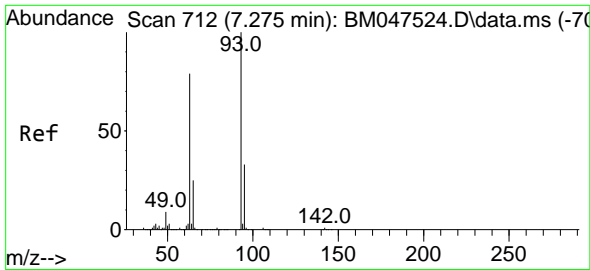


#10  
Phenol  
Concen: 50.640 ng  
RT: 7.040 min Scan# 672  
Delta R.T. 0.006 min  
Lab File: BM047530.D  
Acq: 14 Sep 2024 19:12



Tgt Ion: 94 Resp: 1689803  
Ion Ratio Lower Upper  
94 100  
65 30.1 10.8 50.8  
66 37.7 19.2 59.2





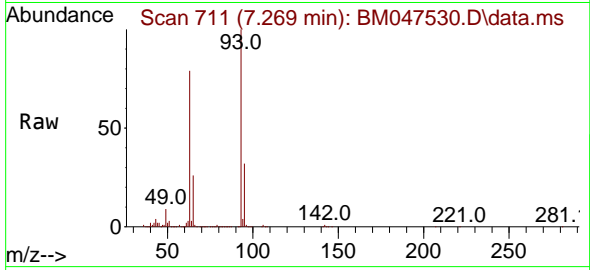
#11  
 bis(2-Chloroethyl)ether  
 Concen: 44.342 ng  
 RT: 7.269 min Scan# 711  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

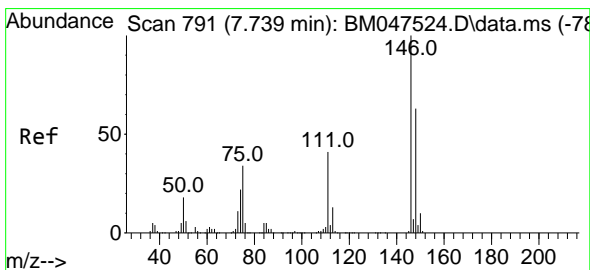
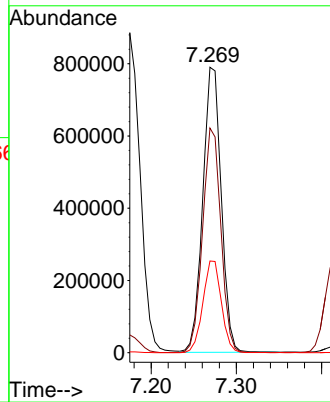
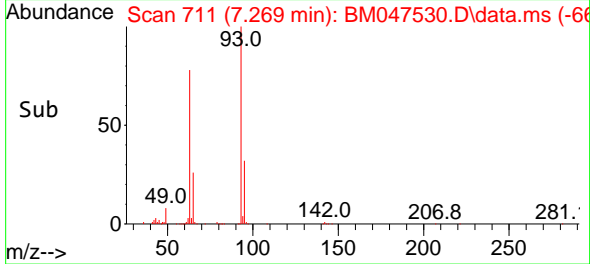


Tgt Ion: 93 Resp: 1187910  
 Ion Ratio Lower Upper  
 93 100  
 63 78.7 58.2 98.2  
 95 32.1 12.8 52.8

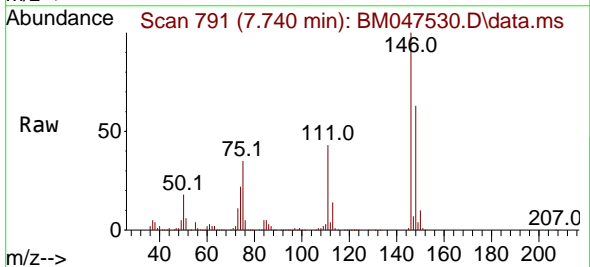
Manual Integrations

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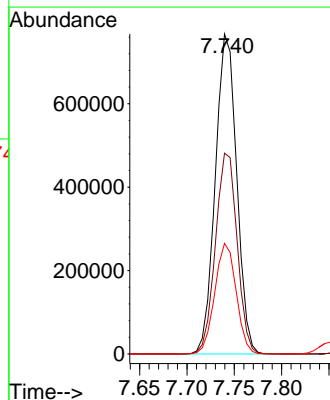
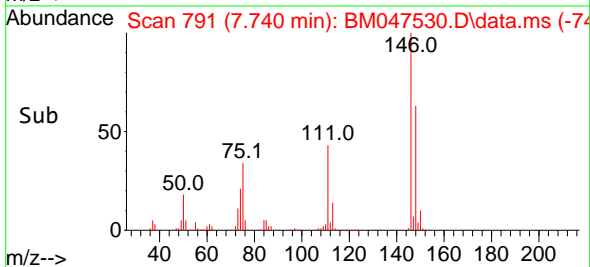
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

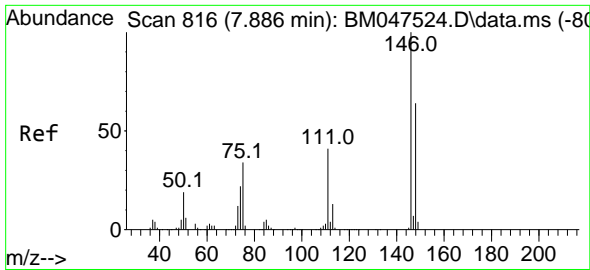


#12  
 1,3-Dichlorobenzene  
 Concen: 42.244 ng  
 RT: 7.740 min Scan# 791  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



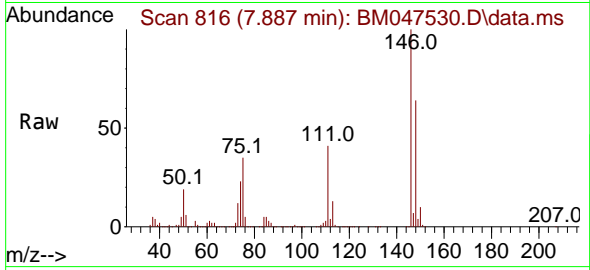
Tgt Ion:146 Resp: 1206258  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 50.2 75.4  
 75 34.6 27.4 41.0





#13  
 1,4-Dichlorobenzene  
 Concen: 42.601 ng  
 RT: 7.887 min Scan# 816  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

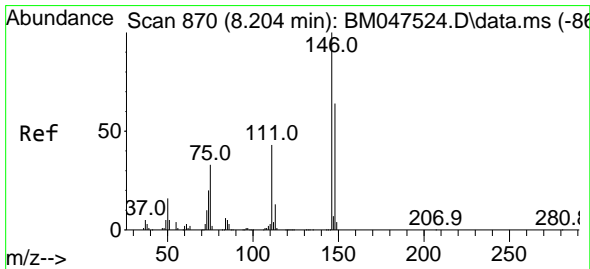
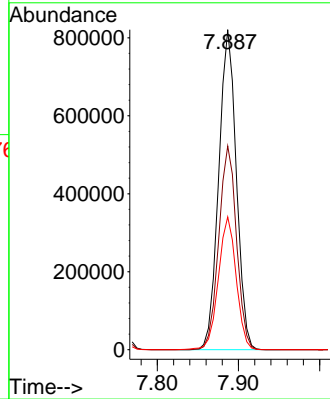
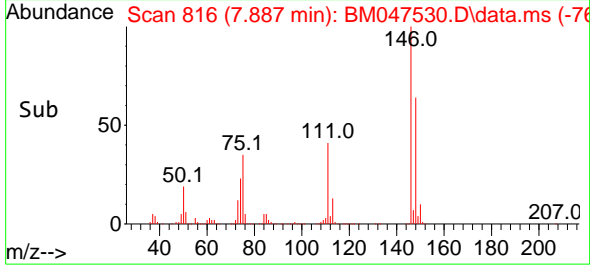
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



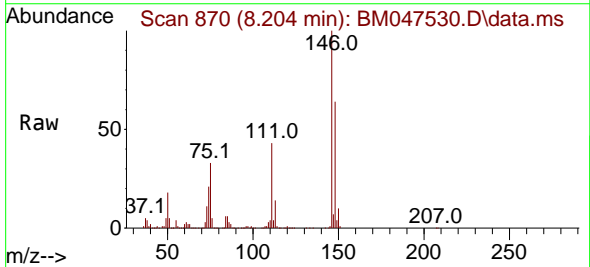
Tgt Ion:146 Resp: 1238990  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 51.3 76.9  
 111 41.5 32.9 49.3

Manual Integrations  
**APPROVED**

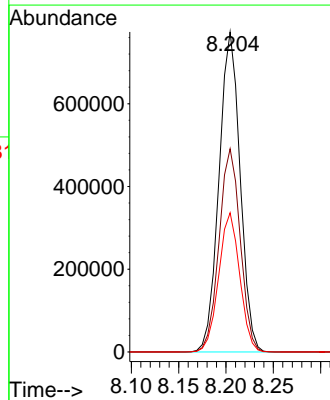
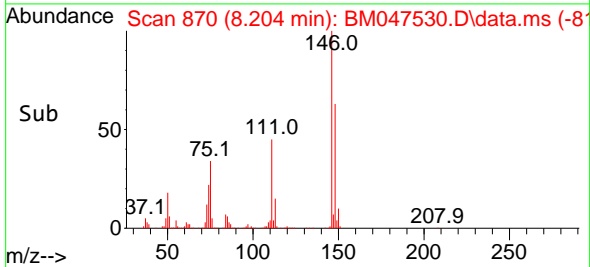
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

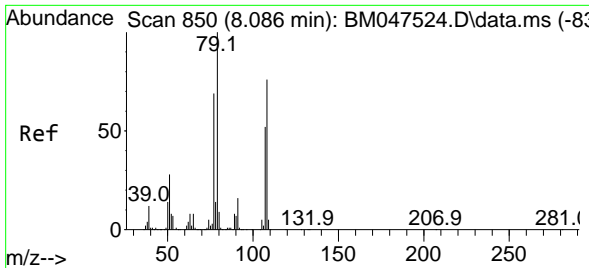


#14  
 1,2-Dichlorobenzene  
 Concen: 41.905 ng  
 RT: 8.204 min Scan# 870  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



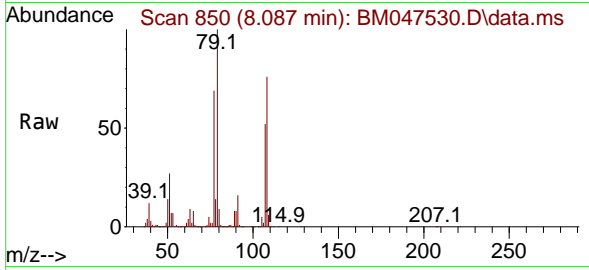
Tgt Ion:146 Resp: 1199418  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 51.1 76.7  
 111 43.5 34.7 52.1





#15  
 Benzyl Alcohol  
 Concen: 49.620 ng  
 RT: 8.087 min Scan# 811  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

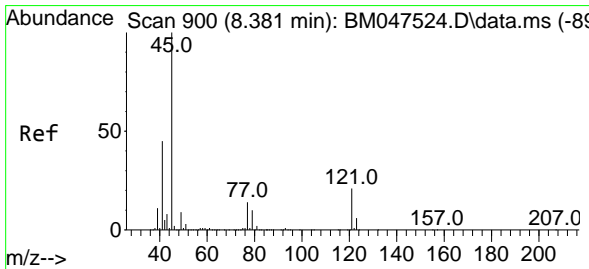
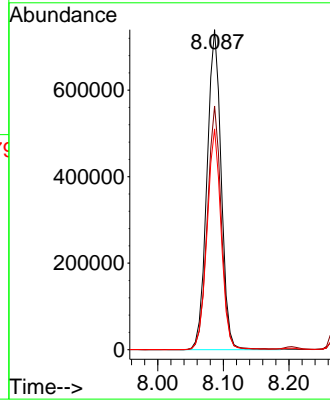
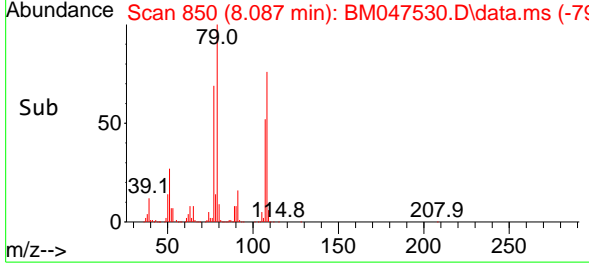
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



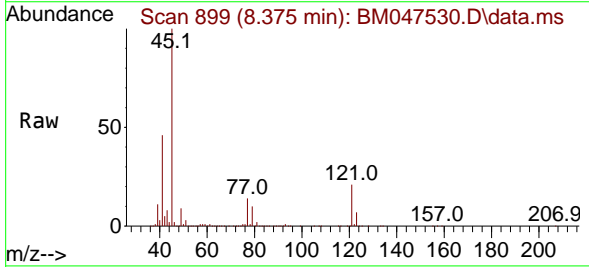
Tgt Ion: 79 Resp: 1120124  
 Ion Ratio Lower Upper  
 79 100  
 108 76.2 60.6 91.0  
 77 69.0 55.0 82.4

Manual Integrations  
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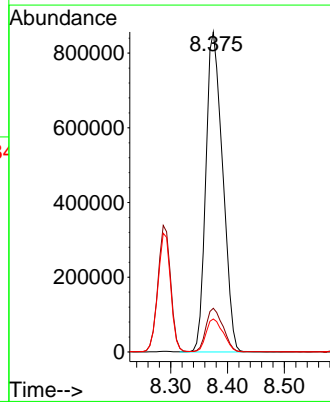
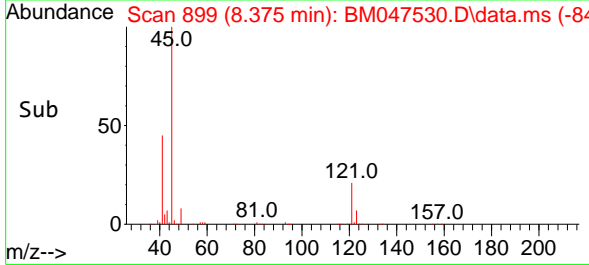
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

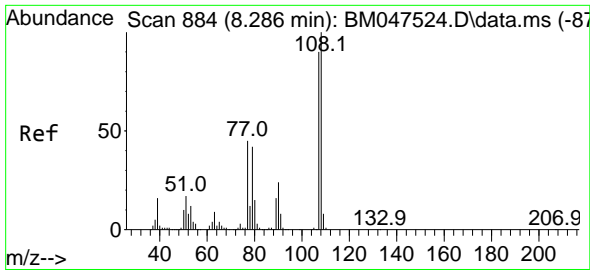


#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 46.559 ng  
 RT: 8.375 min Scan# 899  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



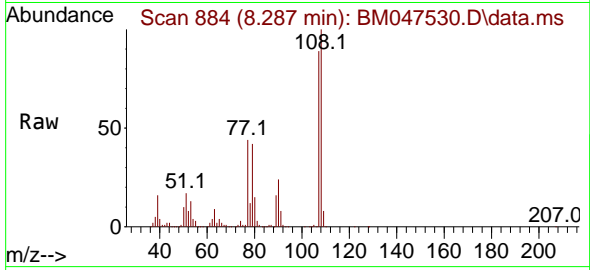
Tgt Ion: 45 Resp: 1754572  
 Ion Ratio Lower Upper  
 45 100  
 77 13.6 0.0 33.7  
 79 10.3 0.0 30.3





#17  
 2-Methylphenol  
 Concen: 49.772 ng  
 RT: 8.287 min Scan# 884  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

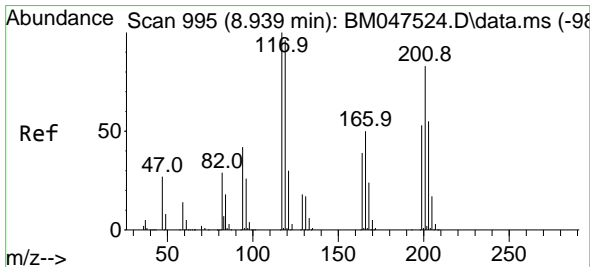
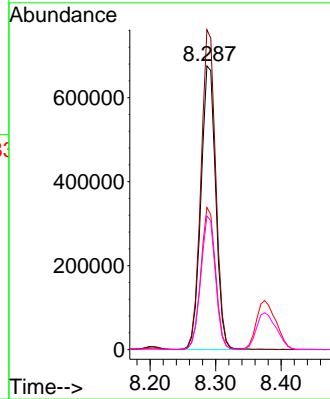
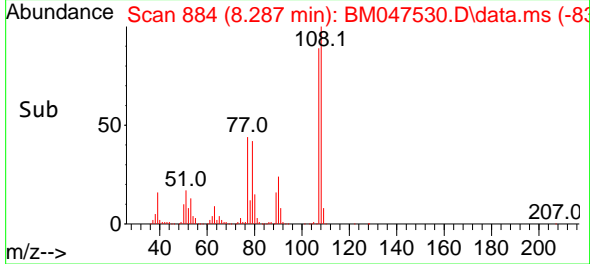
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



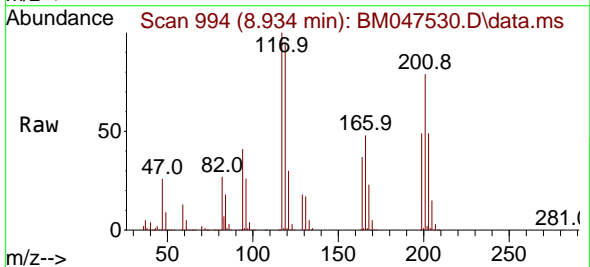
Tgt Ion:107 Resp: 106101  
 Ion Ratio Lower Upper  
 107 100  
 108 112.7 88.9 133.3  
 77 50.1 39.8 59.8  
 79 47.0 37.0 55.6

Manual Integrations  
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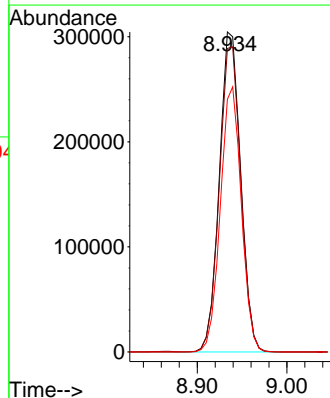
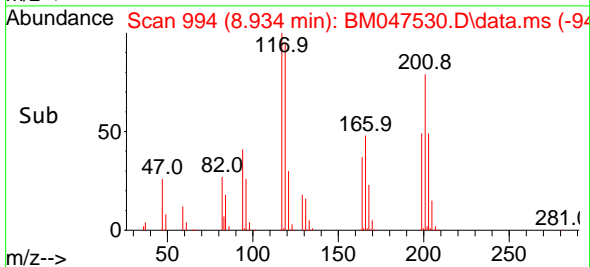
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

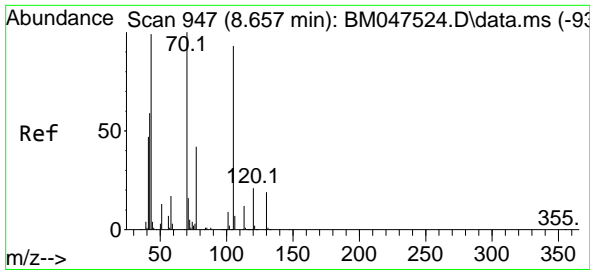


#18  
 Hexachloroethane  
 Concen: 43.314 ng  
 RT: 8.934 min Scan# 994  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



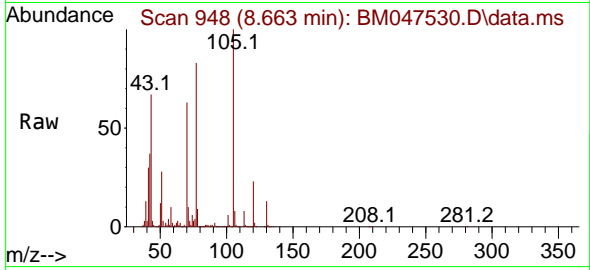
Tgt Ion:117 Resp: 503235  
 Ion Ratio Lower Upper  
 117 100  
 119 94.9 77.0 115.4  
 201 79.0 66.8 100.2





#19  
 n-Nitroso-di-n-propylamine  
 Concen: 45.154 ng  
 RT: 8.663 min Scan# 947  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

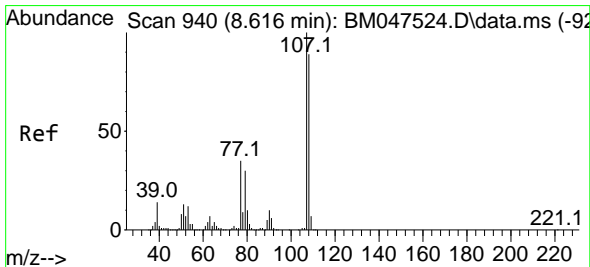
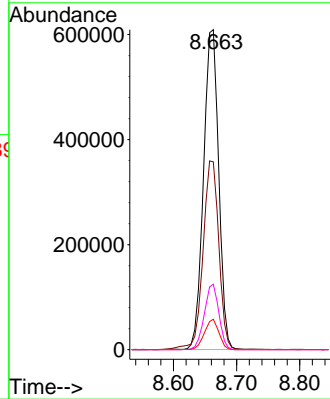
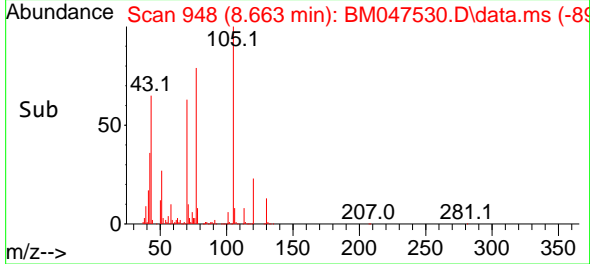
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



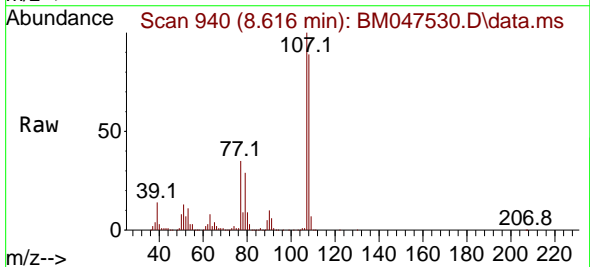
Tgt Ion: 70 Resp: 101458  
 Ion Ratio Lower Upper  
 70 100  
 42 58.7 48.2 72.2  
 101 9.5 7.0 10.4  
 130 20.5 15.3 22.9

Manual Integrations  
**APPROVED**

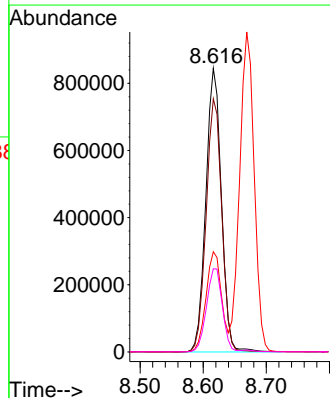
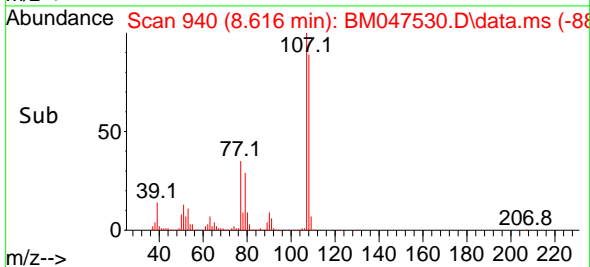
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

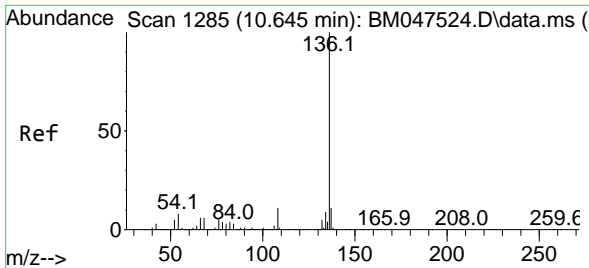


#20  
 3+4-Methylphenols  
 Concen: 48.642 ng  
 RT: 8.616 min Scan# 940  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:107 Resp: 1446848  
 Ion Ratio Lower Upper  
 107 100  
 108 89.3 68.9 108.9  
 77 35.3 15.5 55.5  
 79 29.3 10.0 50.0





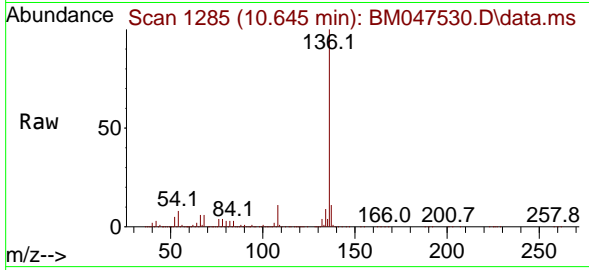
#21  
 Naphthalene-d8  
 Concen: 20.000 ng  
 RT: 10.645 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

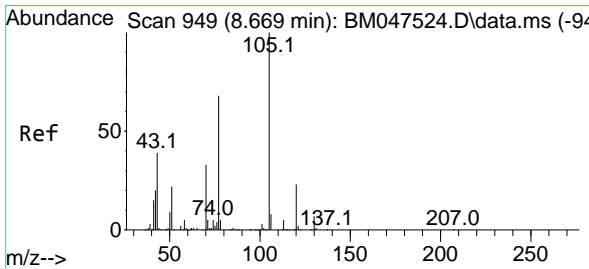
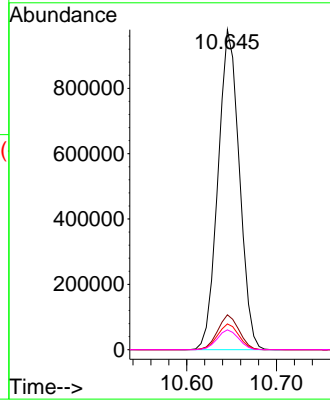
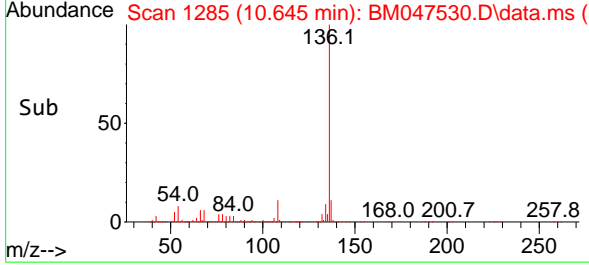


Tgt Ion:136 Resp: 1618389  
 Ion Ratio Lower Upper  
 136 100  
 137 10.9 9.0 13.6  
 54 8.0 6.6 9.8  
 68 6.2 4.9 7.3

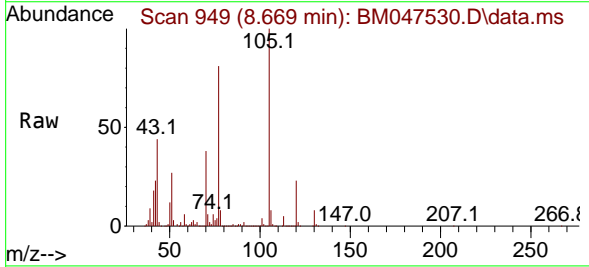
Manual Integrations

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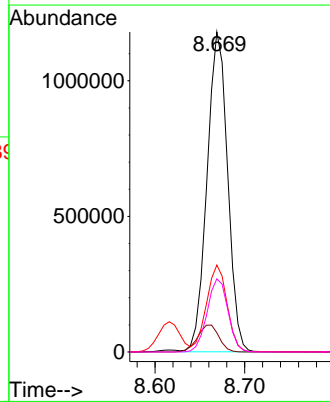
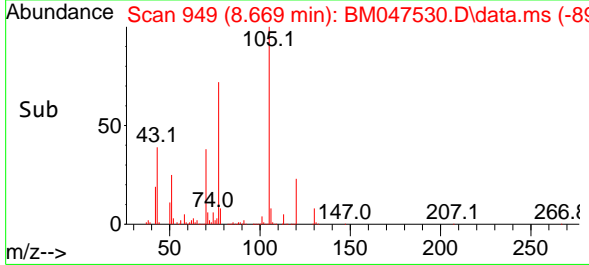
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

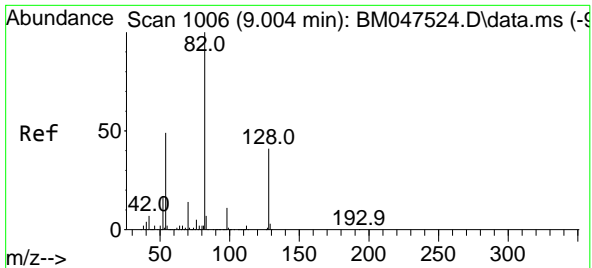


#22  
 Acetophenone  
 Concen: 44.154 ng  
 RT: 8.669 min Scan# 949  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



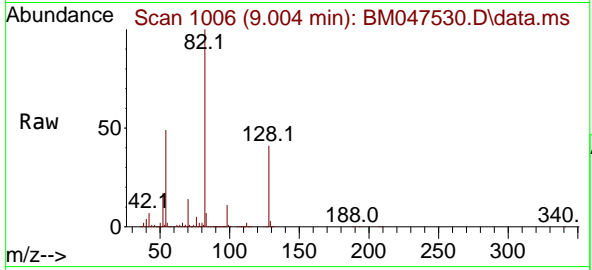
Tgt Ion:105 Resp: 1878673  
 Ion Ratio Lower Upper  
 105 100  
 71 6.0 4.3 6.5  
 51 27.1 21.5 32.3  
 120 22.8 18.6 28.0





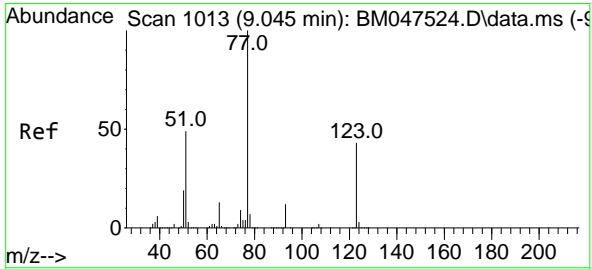
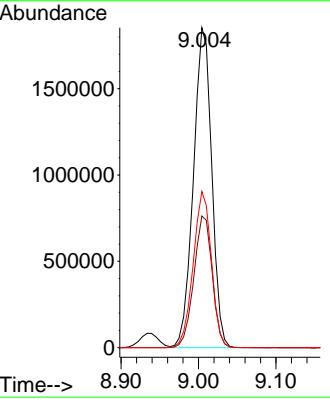
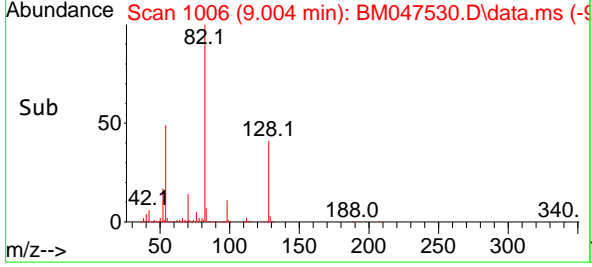
#23  
 Nitrobenzene-d5  
 Concen: 94.066 ng  
 RT: 9.004 min Scan# 1006  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument : BNA\_M  
 ClientSampleId : PB163160BS

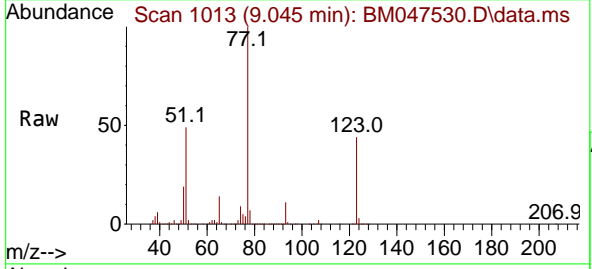


Tgt Ion: 82 Resp: 304191  
 Ion Ratio Lower Upper  
 82 100  
 128 41.2 33.0 49.4  
 54 48.8 39.3 58.9

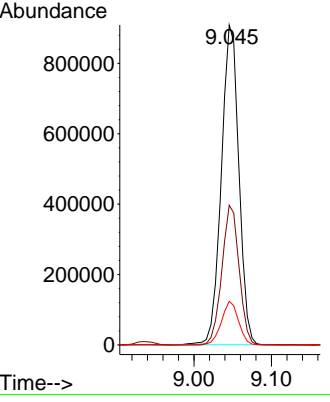
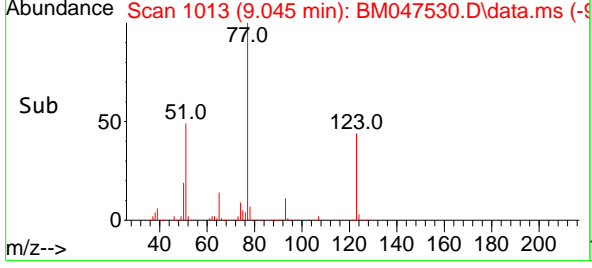
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



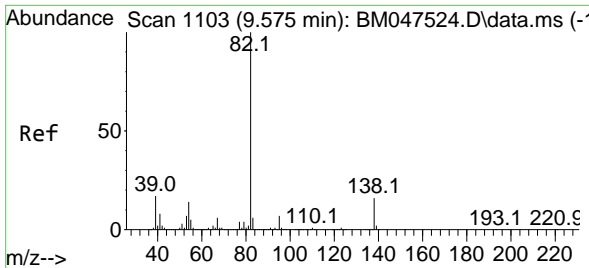
#24  
 Nitrobenzene  
 Concen: 43.065 ng  
 RT: 9.045 min Scan# 1013  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion: 77 Resp: 1431038  
 Ion Ratio Lower Upper  
 77 100  
 123 43.6 34.5 51.7  
 65 13.7 10.7 16.1







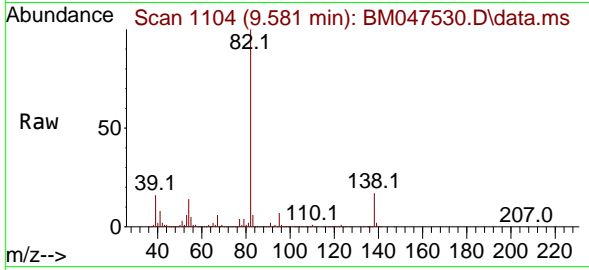
#25  
 Isophorone  
 Concen: 45.138 ng  
 RT: 9.581 min Scan# 1104  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

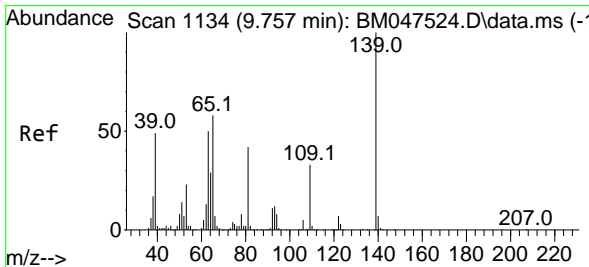
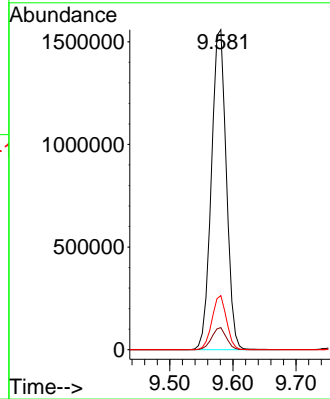
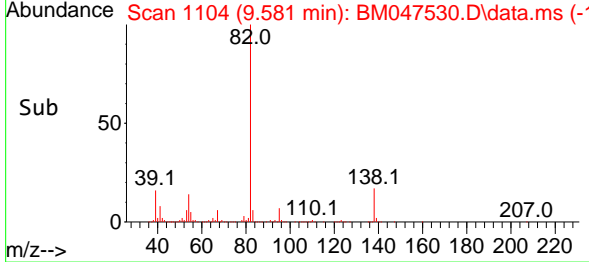


Tgt Ion: 82 Resp: 256614  
 Ion Ratio Lower Upper  
 82 100  
 95 6.9 5.4 8.0  
 138 16.9 12.9 19.3

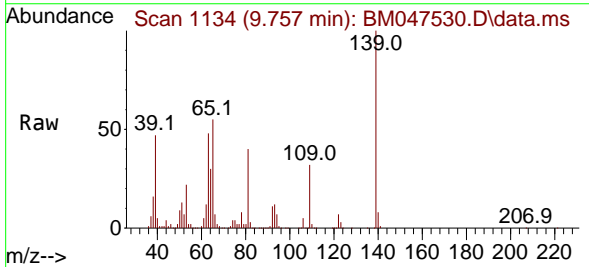
Manual Integrations

APPROVED

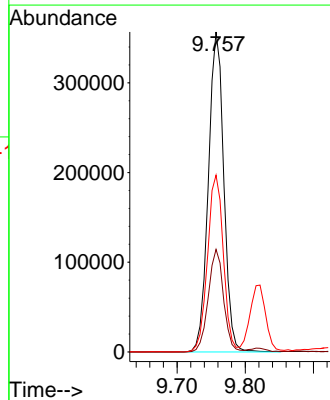
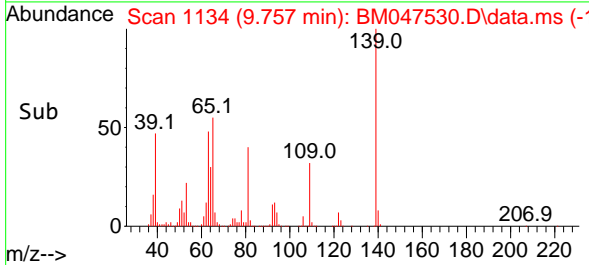
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

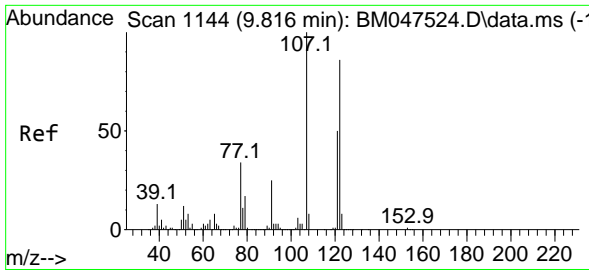


#26  
 2-Nitrophenol  
 Concen: 49.692 ng  
 RT: 9.757 min Scan# 1134  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:139 Resp: 562682  
 Ion Ratio Lower Upper  
 139 100  
 109 32.1 26.0 39.0  
 65 55.2 46.2 69.4





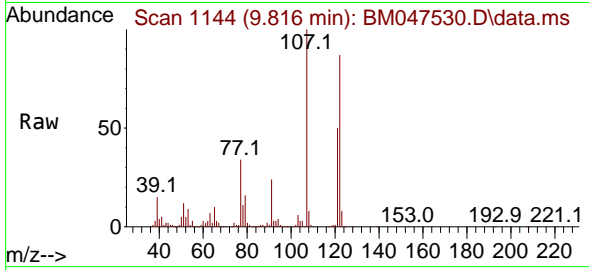
#27  
 2,4-Dimethylphenol  
 Concen: 60.392 ng  
 RT: 9.816 min Scan# 1144  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

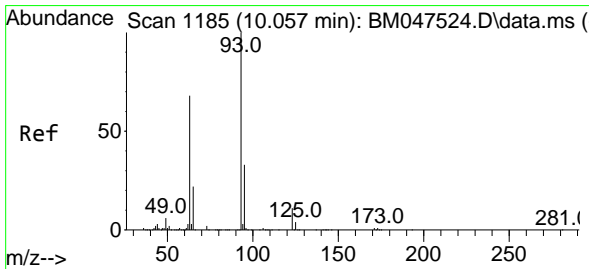
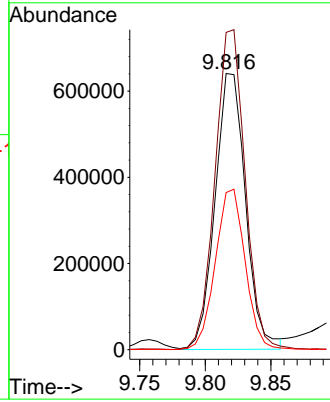
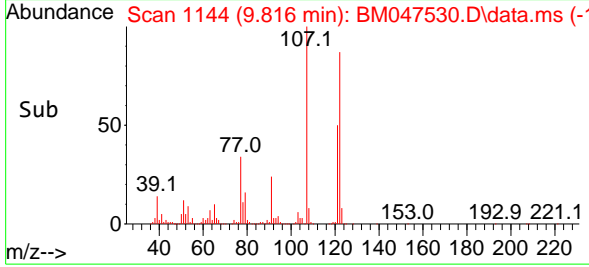


Tgt Ion:122 Resp: 103663  
 Ion Ratio Lower Upper  
 122 100  
 107 114.9 92.4 138.6  
 121 56.9 46.2 69.4

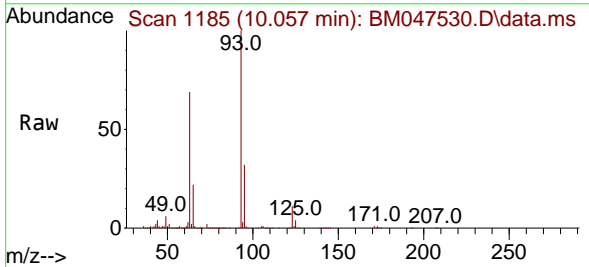
Manual Integrations

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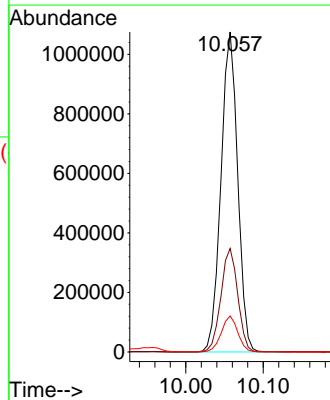
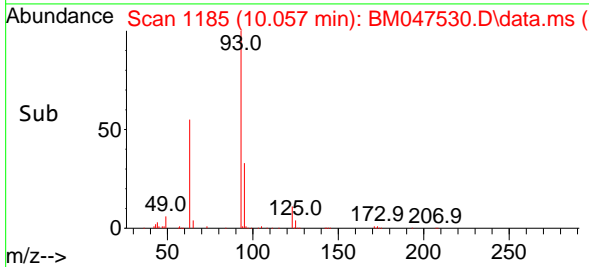
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

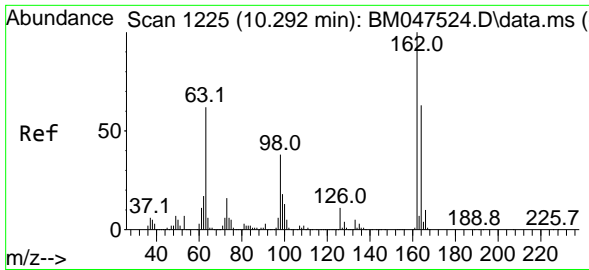


#28  
 bis(2-Chloroethoxy)methane  
 Concen: 45.193 ng  
 RT: 10.057 min Scan# 1185  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion: 93 Resp: 1613876  
 Ion Ratio Lower Upper  
 93 100  
 95 32.4 26.2 39.2  
 123 11.3 9.2 13.8





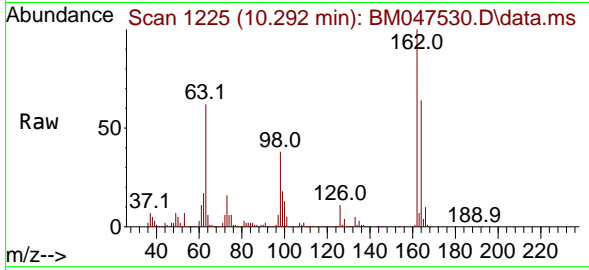
#29  
 2,4-Dichlorophenol  
 Concen: 49.789 ng  
 RT: 10.292 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

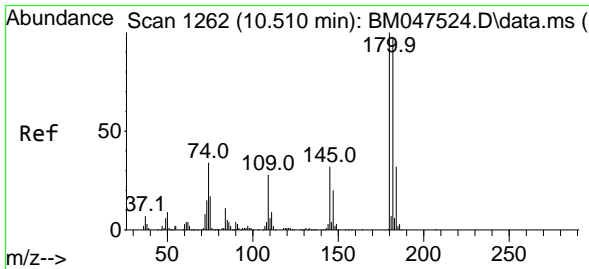
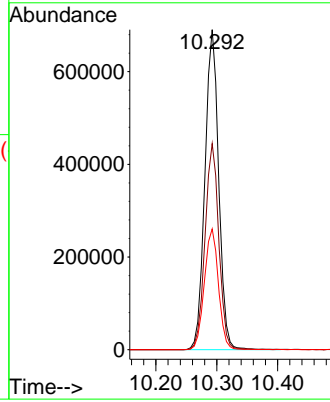
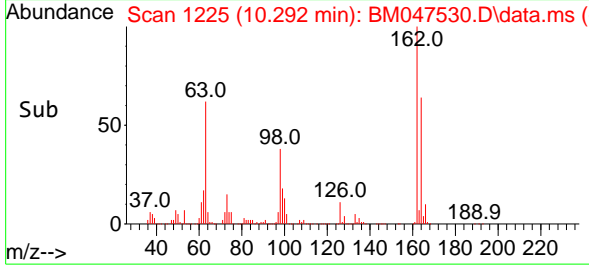


Tgt Ion:162 Resp: 1085780  
 Ion Ratio Lower Upper  
 162 100  
 164 64.4 43.5 83.5  
 98 37.8 17.6 57.6

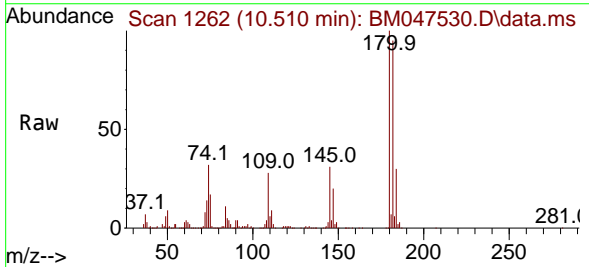
Manual Integrations

APPROVED

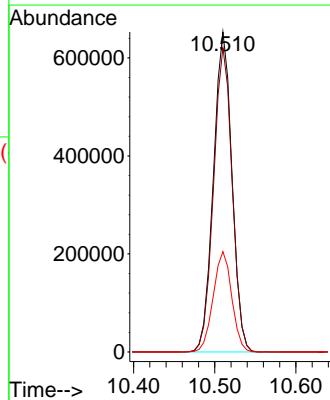
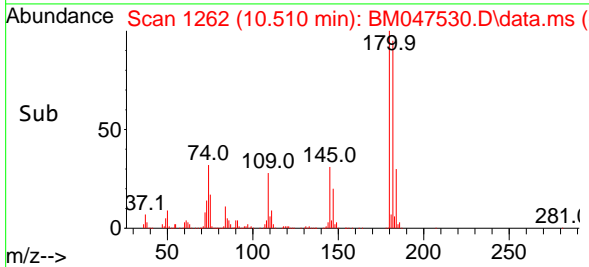
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

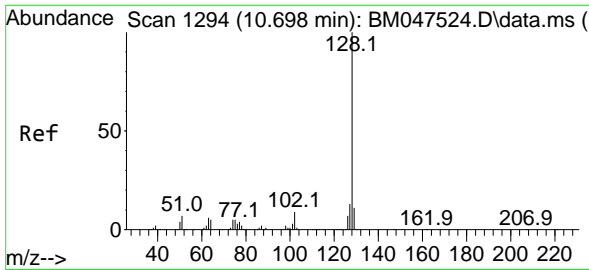


#30  
 1,2,4-Trichlorobenzene  
 Concen: 41.448 ng  
 RT: 10.510 min Scan# 1262  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:180 Resp: 1035371  
 Ion Ratio Lower Upper  
 180 100  
 182 95.1 77.6 116.4  
 145 31.3 25.4 38.0





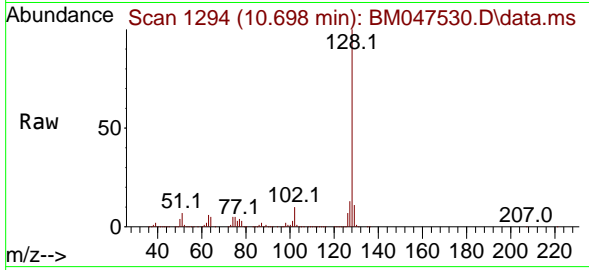
#31  
 Naphthalene  
 Concen: 43.663 ng  
 RT: 10.698 min Scan# 1168  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

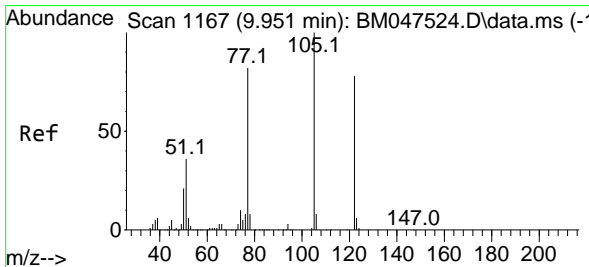
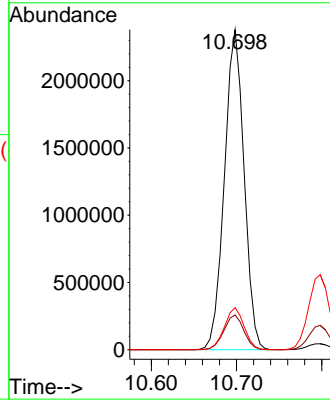
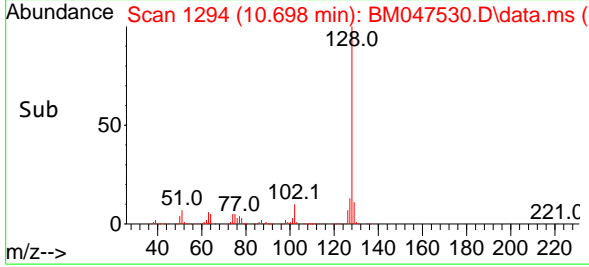


Tgt Ion:128 Resp: 3816400  
 Ion Ratio Lower Upper  
 128 100  
 129 10.8 8.7 13.1  
 127 13.2 10.5 15.7

Manual Integrations

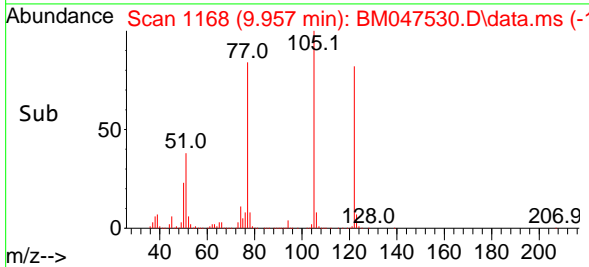
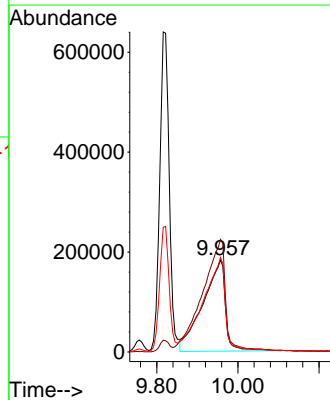
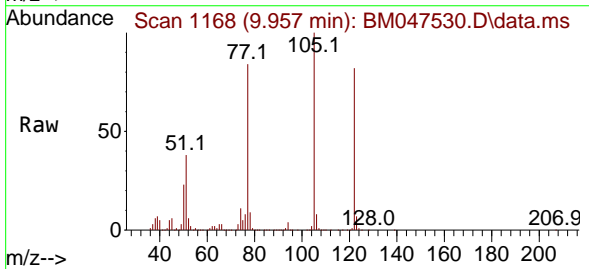
APPROVED

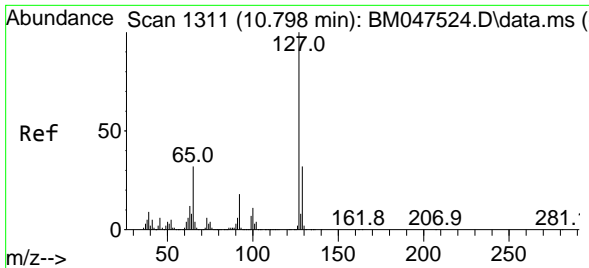
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



#32  
 Benzoic acid  
 Concen: 42.479 ng  
 RT: 9.957 min Scan# 1168  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Tgt Ion:122 Resp: 703613  
 Ion Ratio Lower Upper  
 122 100  
 105 122.5 104.7 144.7  
 77 102.6 83.4 123.4





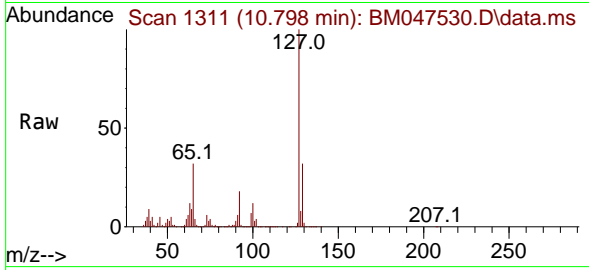
#33  
 4-Chloroaniline  
 Concen: 30.699 ng  
 RT: 10.798 min Scan# 1311  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

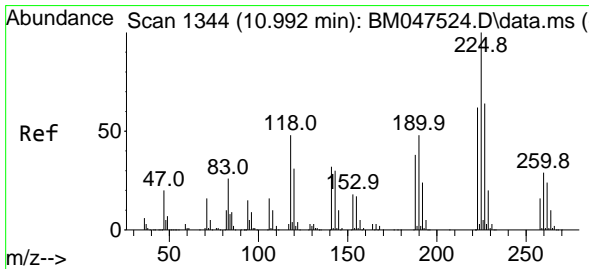
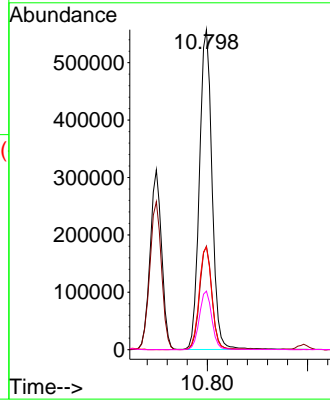
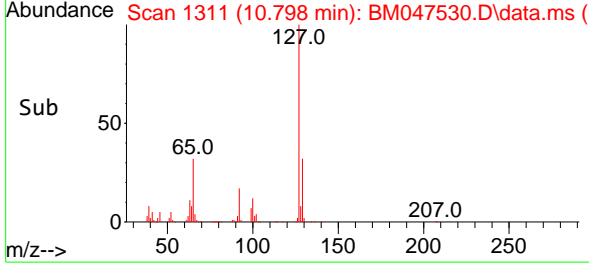


Tgt Ion:127 Resp: 97013  
 Ion Ratio Lower Upper  
 127 100  
 129 32.3 25.4 38.0  
 65 32.1 25.5 38.3  
 92 18.3 14.8 22.2

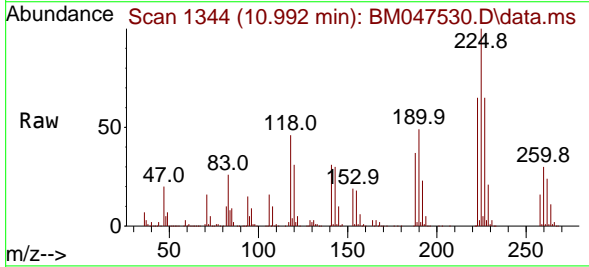
Manual Integrations

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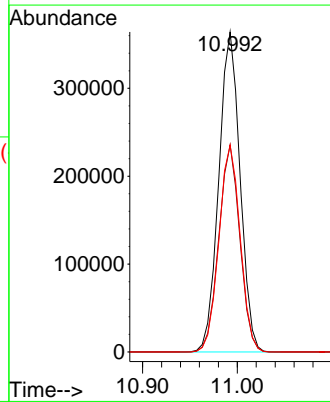
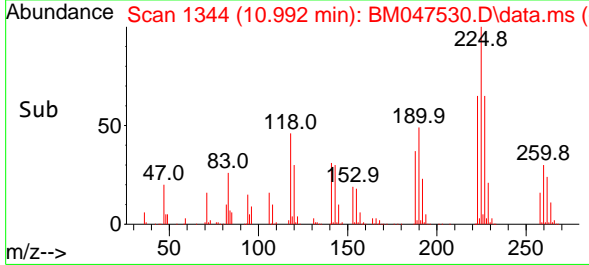
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

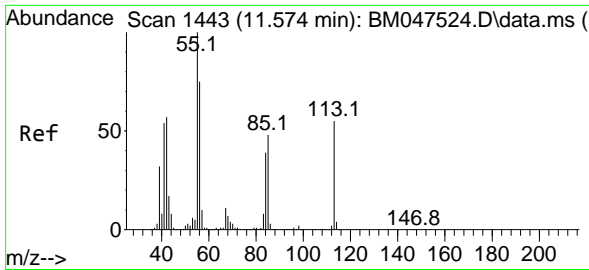


#34  
 Hexachlorobutadiene  
 Concen: 41.033 ng  
 RT: 10.992 min Scan# 1344  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:225 Resp: 567737  
 Ion Ratio Lower Upper  
 225 100  
 223 64.7 49.8 74.6  
 227 64.7 51.0 76.4





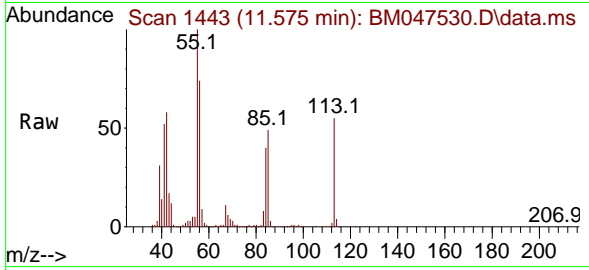
#35  
 Caprolactam  
 Concen: 44.437 ng m  
 RT: 11.575 min Scan# 14  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

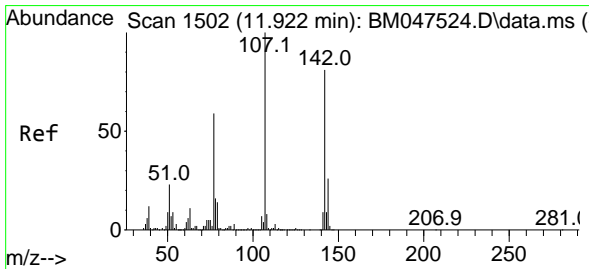
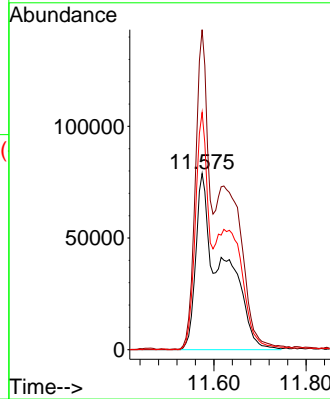
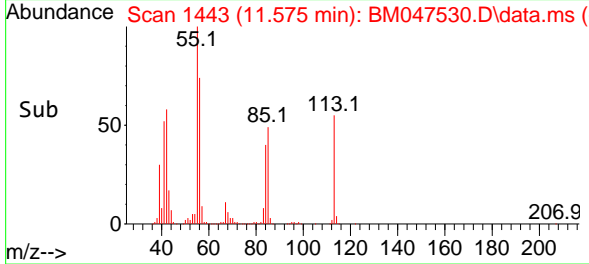


Tgt Ion:113 Resp: 319189  
 Ion Ratio Lower Upper  
 113 100  
 55 181.6 162.5 202.5  
 56 134.7 116.5 156.5

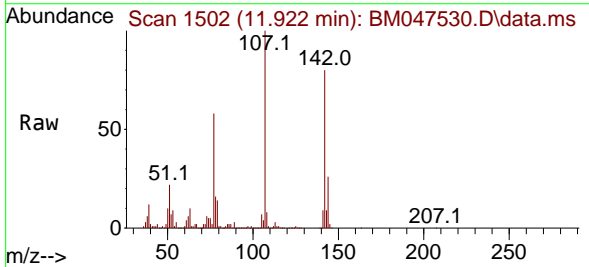
Manual Integrations

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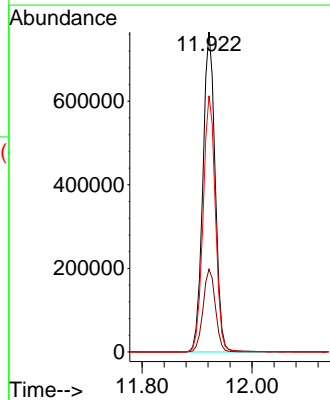
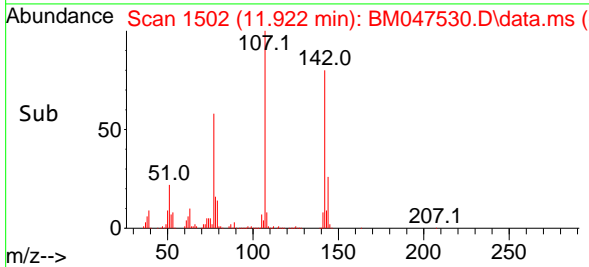
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

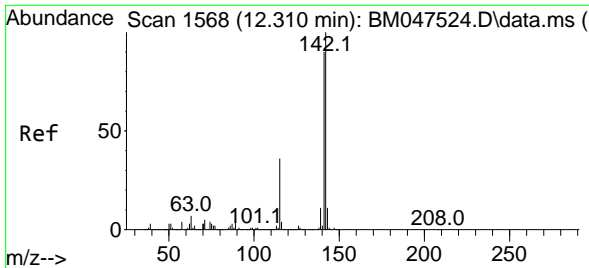


#36  
 4-Chloro-3-methylphenol  
 Concen: 47.579 ng  
 RT: 11.922 min Scan# 1502  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:107 Resp: 1189083  
 Ion Ratio Lower Upper  
 107 100  
 144 25.8 20.5 30.7  
 142 80.0 65.0 97.4





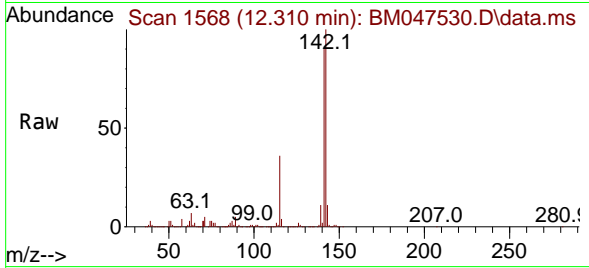
#37  
 2-Methylnaphthalene  
 Concen: 45.998 ng  
 RT: 12.310 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

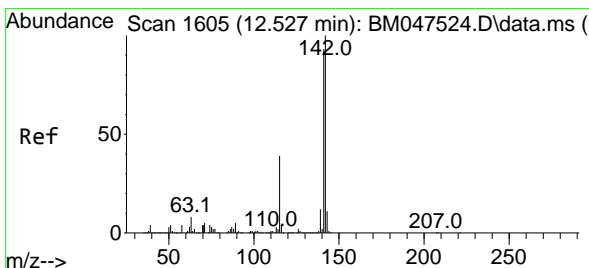
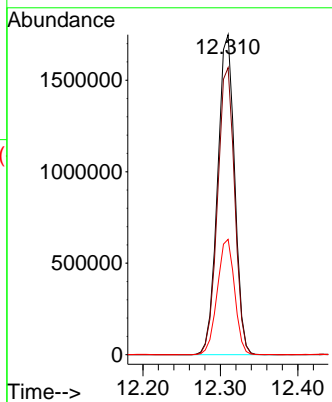
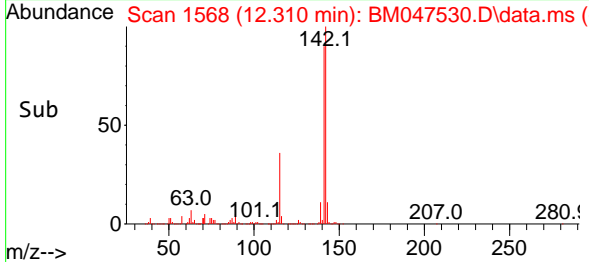


Tgt Ion:142 Resp: 267585  
 Ion Ratio Lower Upper  
 142 100  
 141 89.7 72.2 108.4  
 115 36.1 29.1 43.7

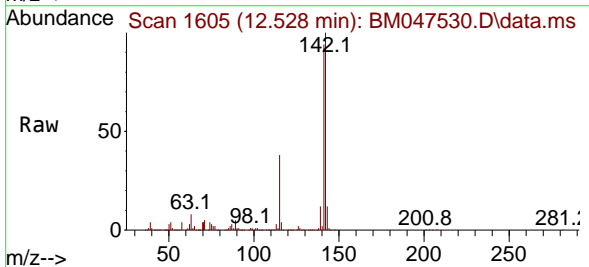
Manual Integrations

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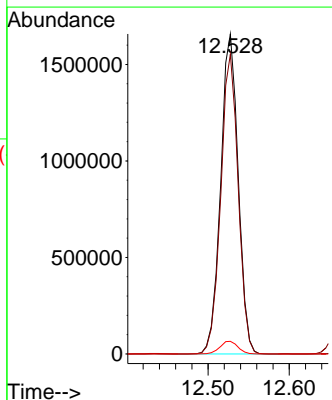
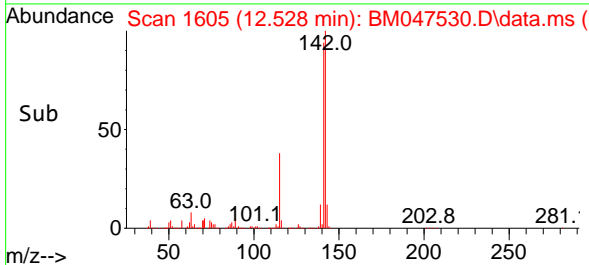
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

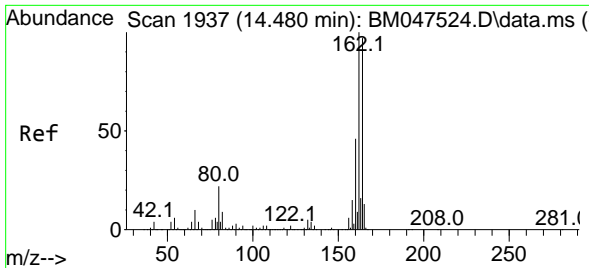


#38  
 1-Methylnaphthalene  
 Concen: 43.156 ng  
 RT: 12.528 min Scan# 1605  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:142 Resp: 2494900  
 Ion Ratio Lower Upper  
 142 100  
 141 93.7 74.7 112.1  
 116 4.0 3.2 4.8





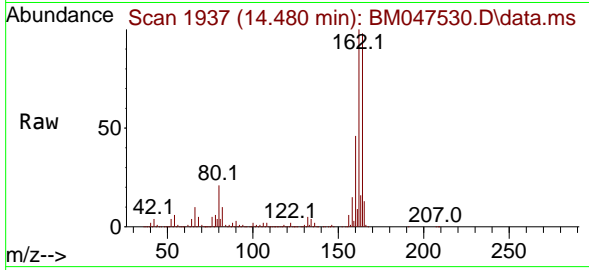
#39  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.480 min Scan# 1937  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

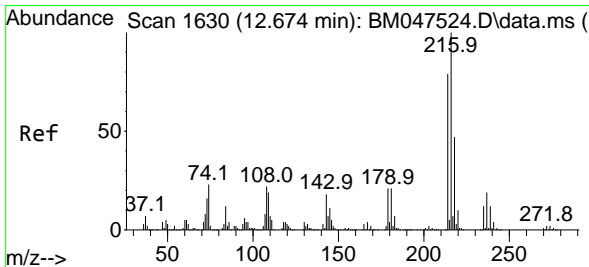
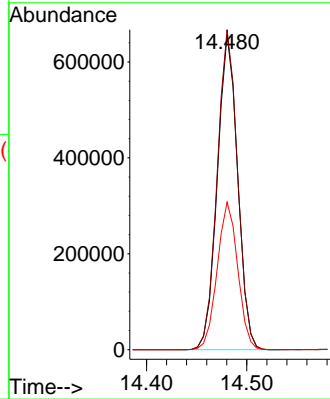
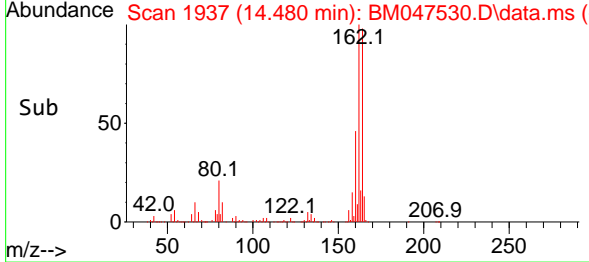


Tgt Ion:164 Resp: 92088  
 Ion Ratio Lower Upper  
 164 100  
 162 101.6 82.2 123.2  
 160 46.9 38.2 57.2

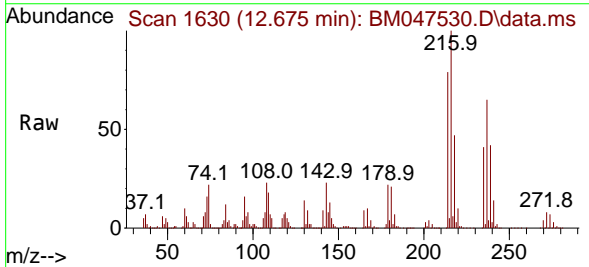
Manual Integrations

APPROVED

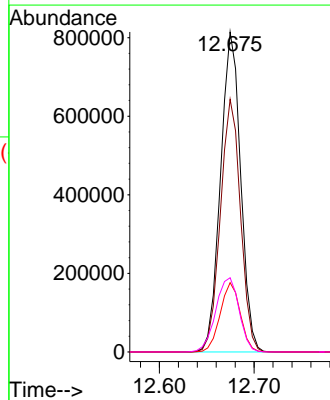
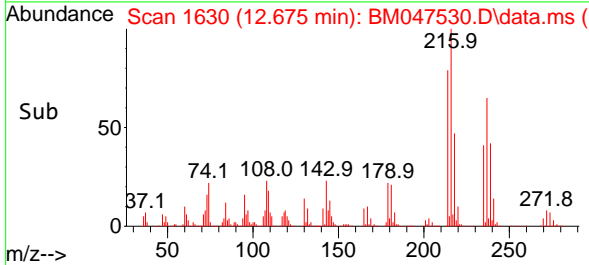
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



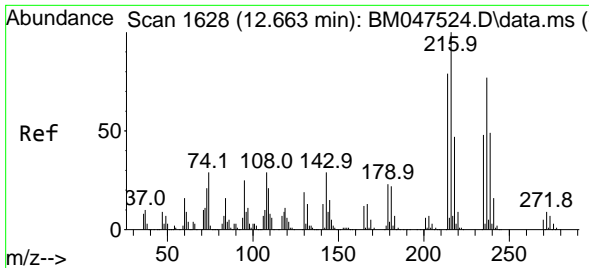
#40  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 48.283 ng  
 RT: 12.675 min Scan# 1630  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:216 Resp: 1203149  
 Ion Ratio Lower Upper  
 216 100  
 214 78.8 63.0 94.6  
 179 21.7 17.5 26.3  
 108 26.9 18.6 28.0







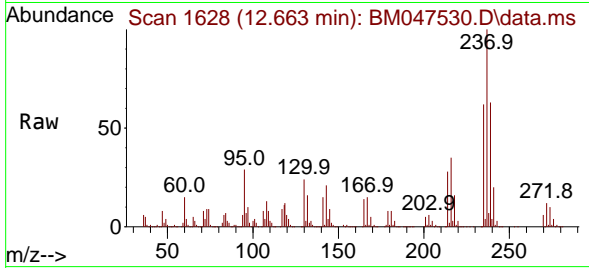
#41  
 Hexachlorocyclopentadiene  
 Concen: 178.307 ng  
 RT: 12.663 min Scan# 10  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

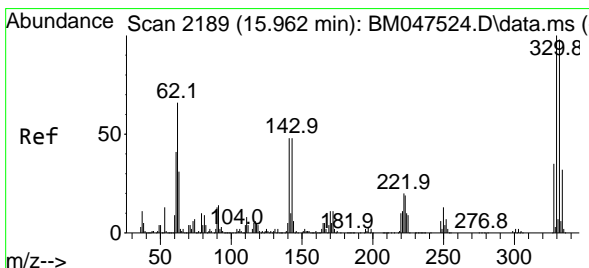
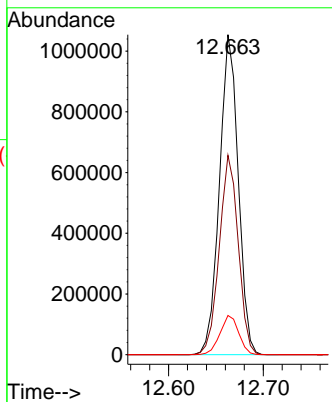
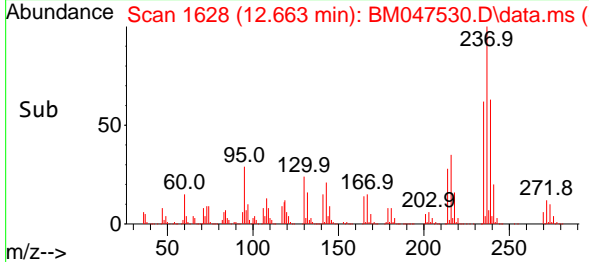


Tgt Ion:237 Resp: 1452509  
 Ion Ratio Lower Upper  
 237 100  
 235 62.3 42.0 82.0  
 272 12.2 0.0 31.5

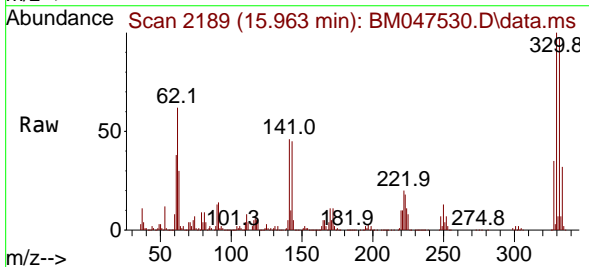
Manual Integrations

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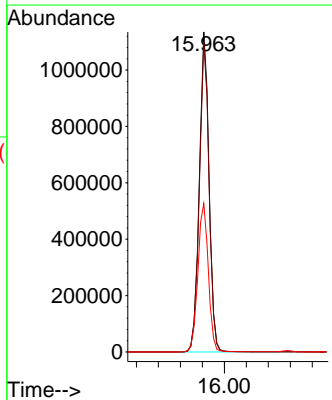
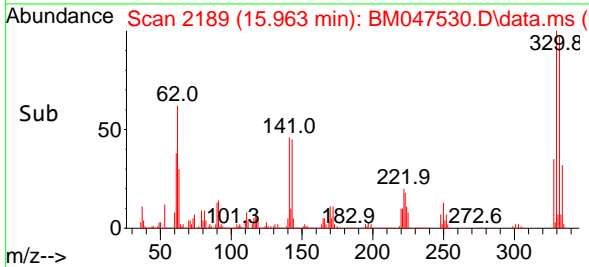
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

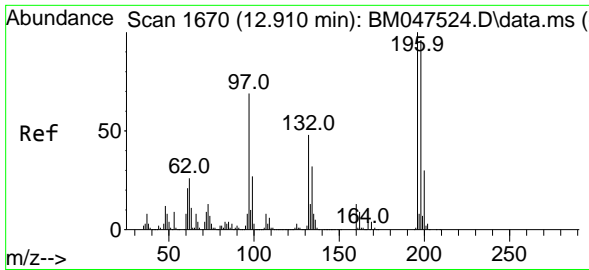


#42  
 2,4,6-Tribromophenol  
 Concen: 157.443 ng  
 RT: 15.963 min Scan# 2189  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
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Tgt Ion:330 Resp: 1401425  
 Ion Ratio Lower Upper  
 330 100  
 332 96.4 76.9 115.3  
 141 49.8 42.2 63.2





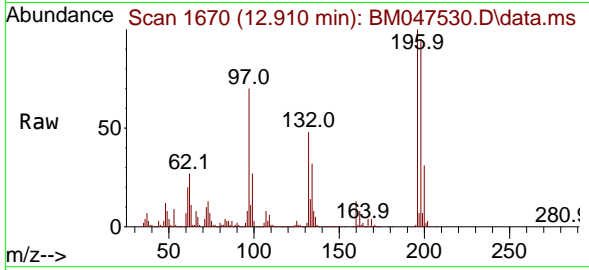
#43  
 2,4,6-Trichlorophenol  
 Concen: 49.285 ng  
 RT: 12.910 min Scan# 1670  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

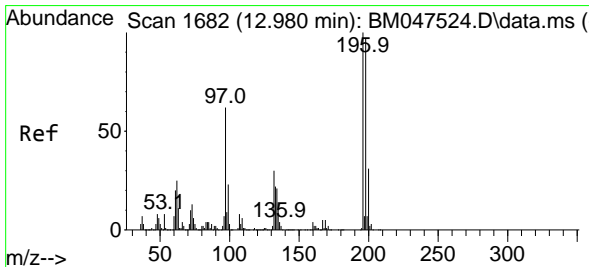
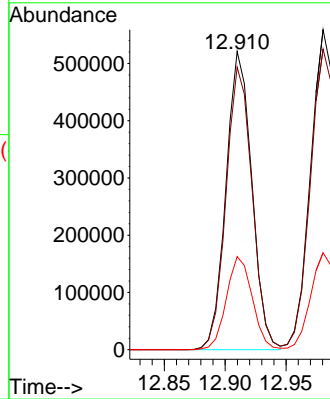
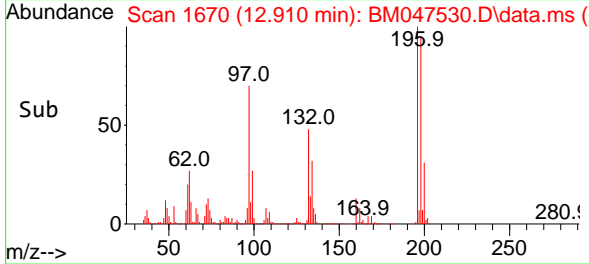


Tgt Ion:196 Resp: 76941  
 Ion Ratio Lower Upper  
 196 100  
 198 94.8 76.9 115.3  
 200 31.2 24.3 36.5

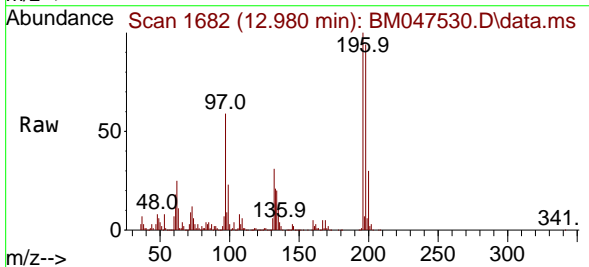
Manual Integrations

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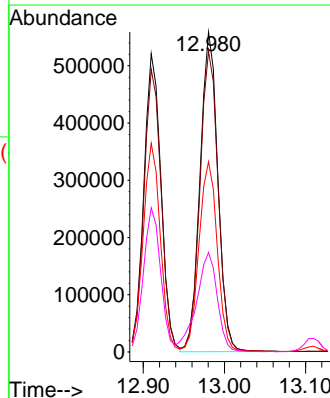
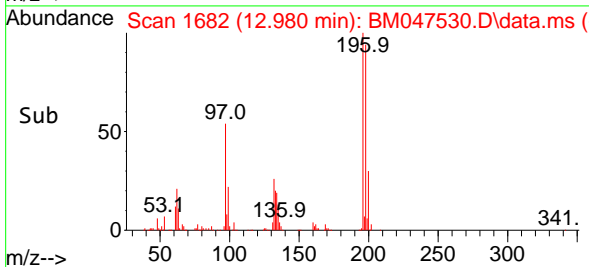
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

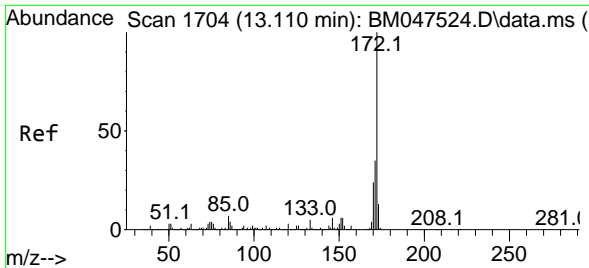


#44  
 2,4,5-Trichlorophenol  
 Concen: 48.458 ng  
 RT: 12.980 min Scan# 1682  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:196 Resp: 854467  
 Ion Ratio Lower Upper  
 196 100  
 198 93.9 77.4 116.2  
 97 59.4 49.8 74.8  
 132 31.1 24.5 36.7





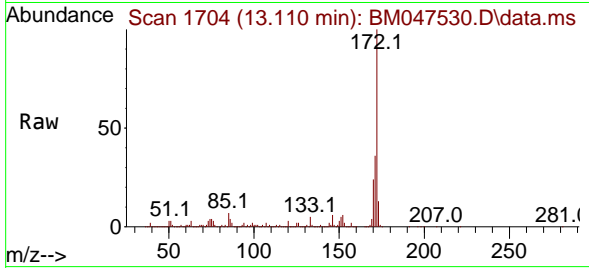
#45  
 2-Fluorobiphenyl  
 Concen: 100.501 ng  
 RT: 13.110 min Scan# 1704  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

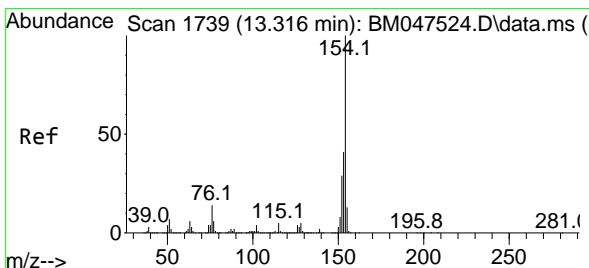
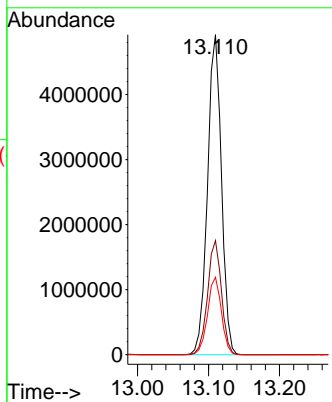
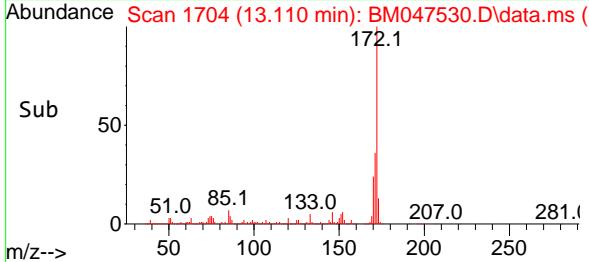


Tgt Ion:172 Resp: 6718540  
 Ion Ratio Lower Upper  
 172 100  
 171 35.7 28.2 42.2  
 170 24.2 19.4 29.0

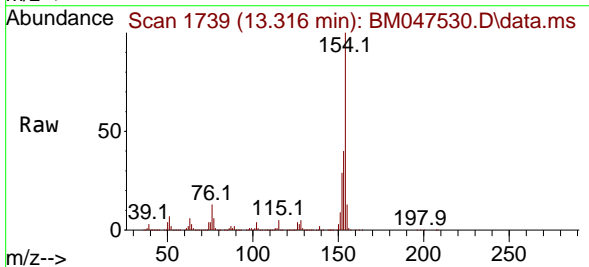
Manual Integrations

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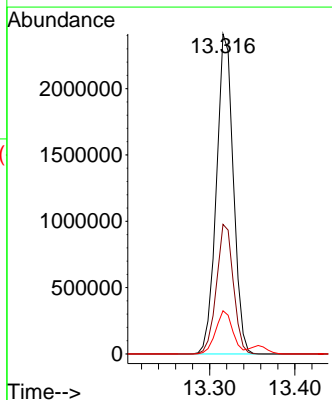
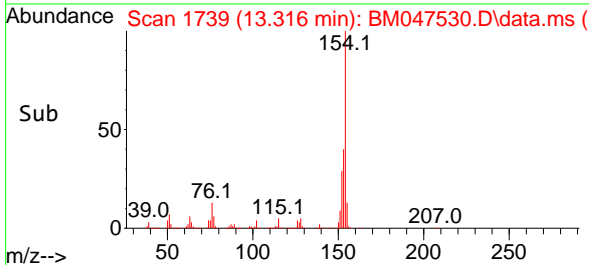
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

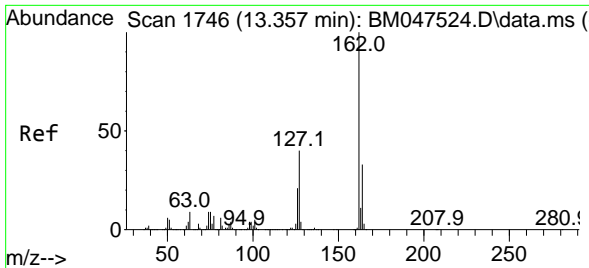


#46  
 1,1'-Biphenyl  
 Concen: 46.356 ng  
 RT: 13.316 min Scan# 1739  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:154 Resp: 3321408  
 Ion Ratio Lower Upper  
 154 100  
 153 40.5 20.6 60.6  
 76 13.5 0.0 33.9





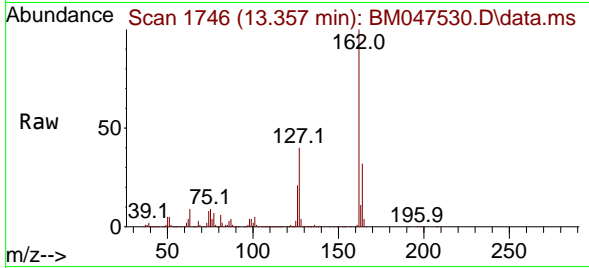
#47  
 2-Chloronaphthalene  
 Concen: 45.575 ng  
 RT: 13.357 min Scan# 1746  
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 Acq: 14 Sep 2024 19:12

Instrument :

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ClientSampleId :

PB163160BS

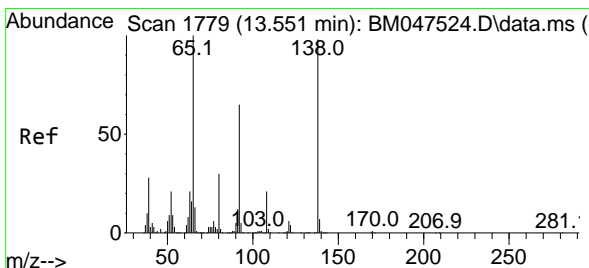
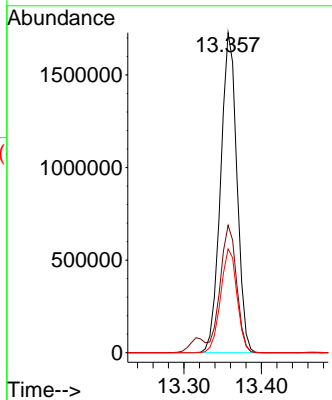
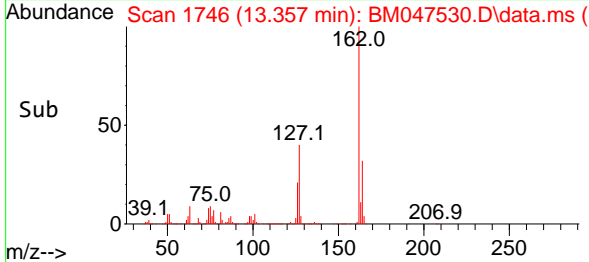


Tgt Ion:162 Resp: 253553  
 Ion Ratio Lower Upper  
 162 100  
 127 39.8 32.2 48.4  
 164 32.4 26.3 39.5

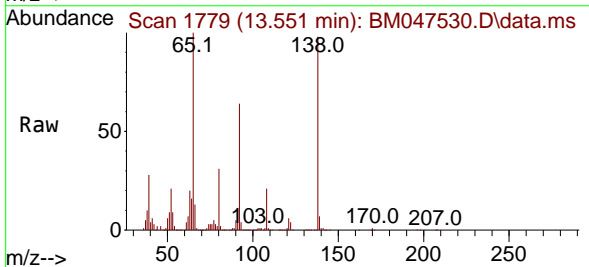
Manual Integrations

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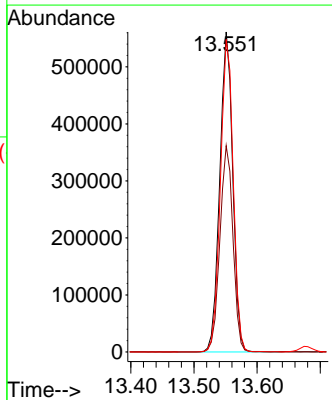
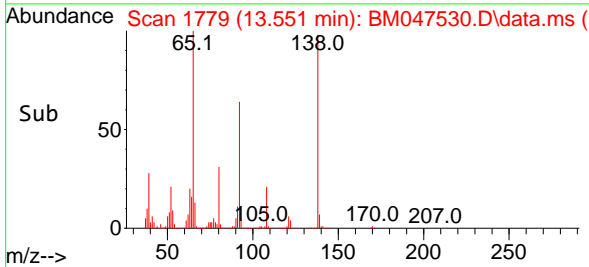
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

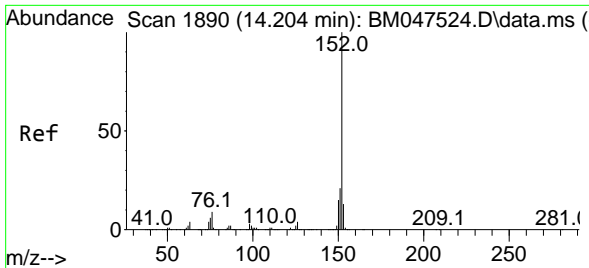


#48  
 2-Nitroaniline  
 Concen: 48.929 ng  
 RT: 13.551 min Scan# 1779  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion: 65 Resp: 799548  
 Ion Ratio Lower Upper  
 65 100  
 92 64.4 51.9 77.9  
 138 97.7 78.5 117.7





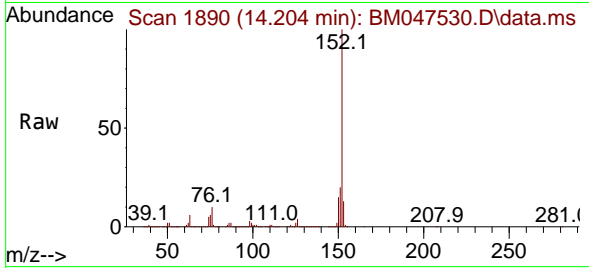
#49  
 Acenaphthylene  
 Concen: 50.280 ng  
 RT: 14.204 min Scan# 1890  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

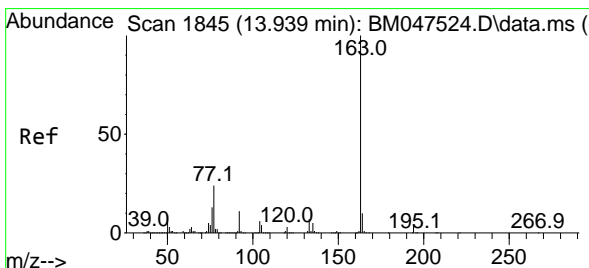
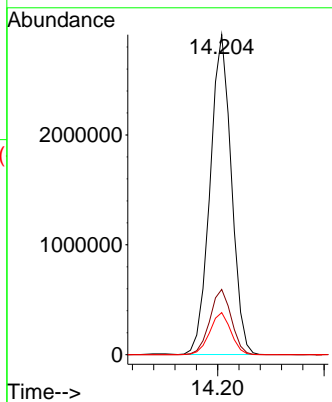
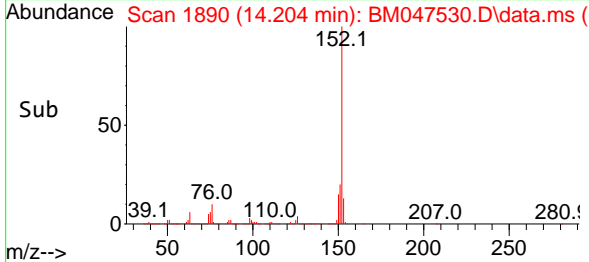


Tgt Ion:152 Resp: 4036704  
 Ion Ratio Lower Upper  
 152 100  
 151 20.4 16.5 24.7  
 153 13.2 10.4 15.6

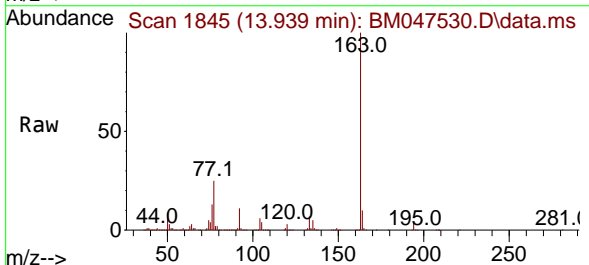
Manual Integrations

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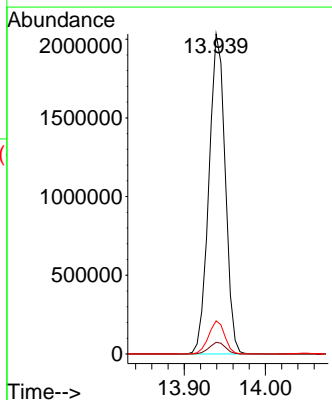
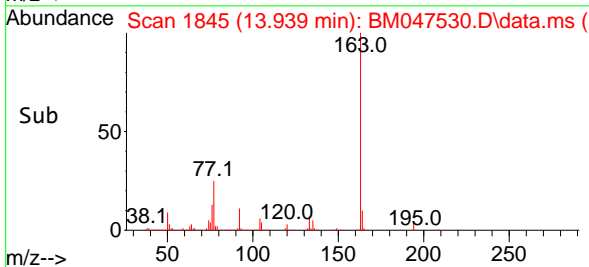
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

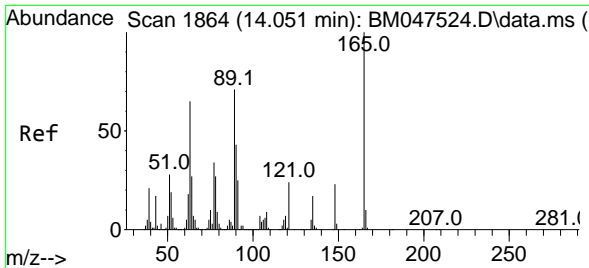


#50  
 Dimethylphthalate  
 Concen: 45.052 ng  
 RT: 13.939 min Scan# 1845  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:163 Resp: 2827740  
 Ion Ratio Lower Upper  
 163 100  
 194 3.6 2.9 4.3  
 164 10.3 7.9 11.9





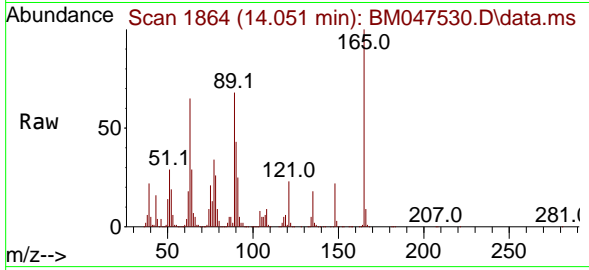
#51  
 2,6-Dinitrotoluene  
 Concen: 44.115 ng  
 RT: 14.051 min Scan# 1864  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

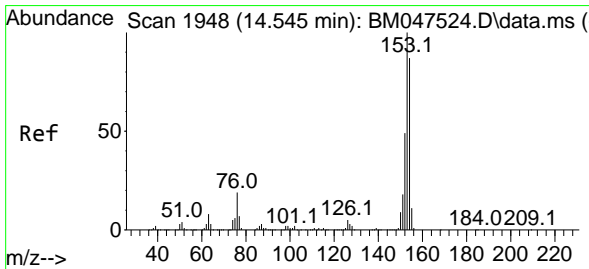
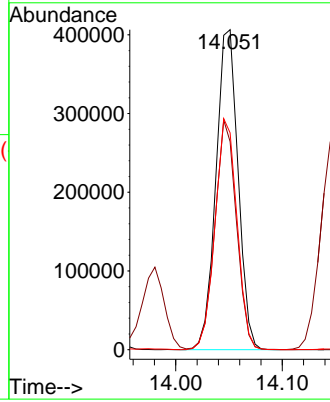
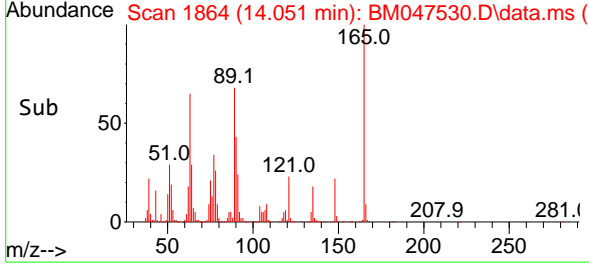


Tgt Ion:165 Resp: 58453  
 Ion Ratio Lower Upper  
 165 100  
 63 65.0 54.2 81.2  
 89 67.8 56.4 84.6

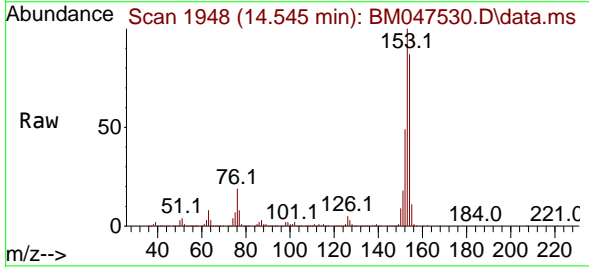
Manual Integrations

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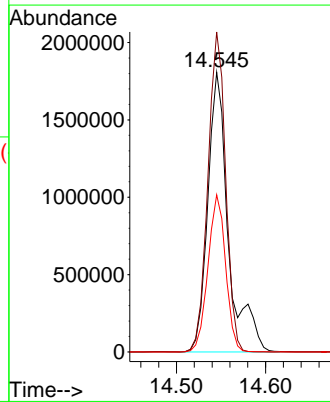
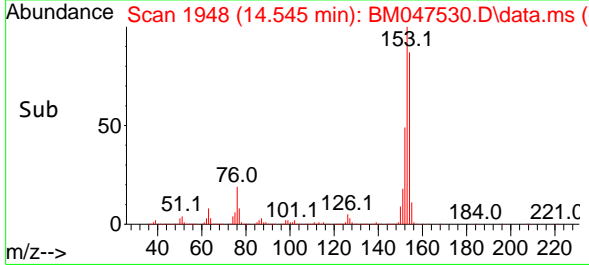
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

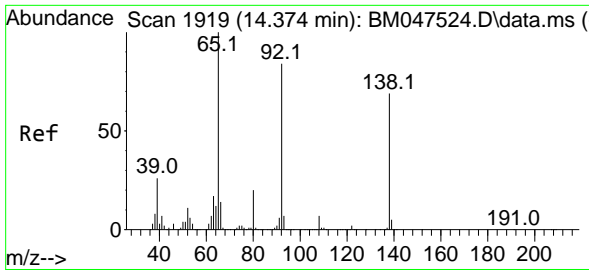


#52  
 Acenaphthene  
 Concen: 51.823 ng m  
 RT: 14.545 min Scan# 1948  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:154 Resp: 2915159  
 Ion Ratio Lower Upper  
 154 100  
 153 114.4 92.2 138.2  
 152 56.2 45.4 68.0





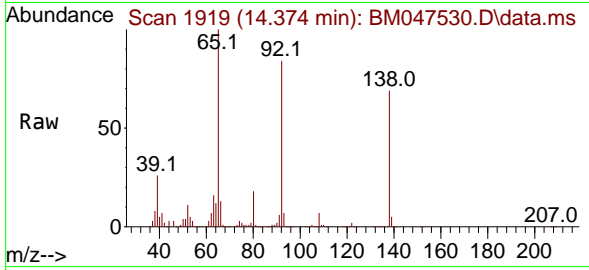
#53  
 3-Nitroaniline  
 Concen: 35.028 ng  
 RT: 14.374 min Scan# 1919  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

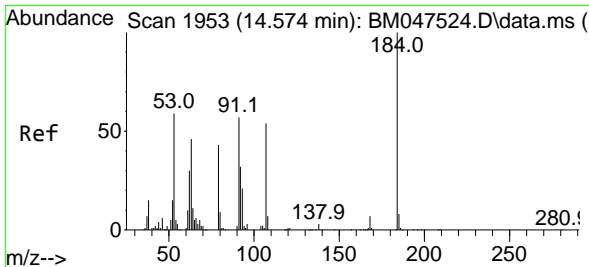
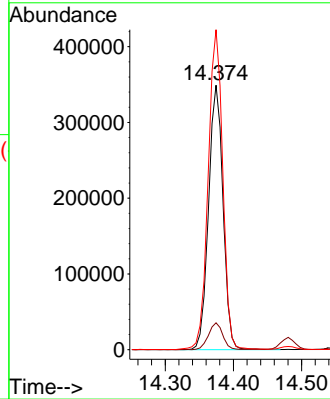
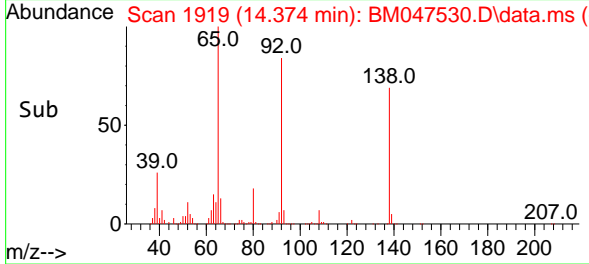


Tgt Ion:138 Resp: 515880  
 Ion Ratio Lower Upper  
 138 100  
 108 10.2 8.0 12.0  
 92 121.0 97.4 146.0

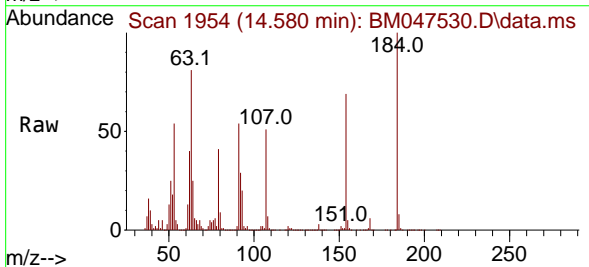
Manual Integrations

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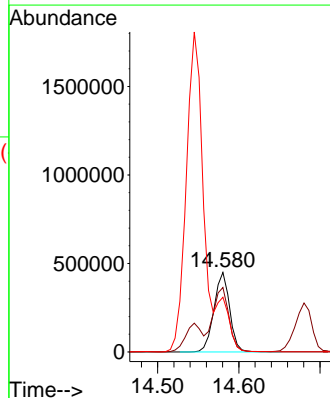
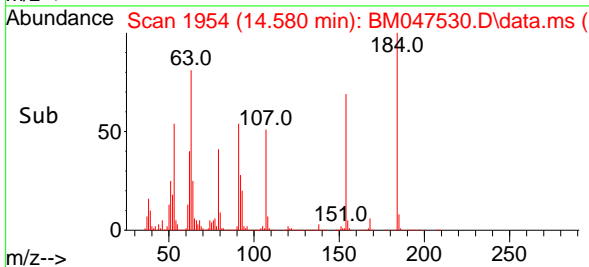
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

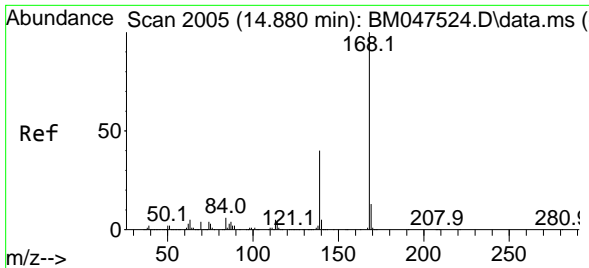


#54  
 2,4-Dinitrophenol  
 Concen: 80.727 ng  
 RT: 14.580 min Scan# 1954  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:184 Resp: 604430  
 Ion Ratio Lower Upper  
 184 100  
 63 81.1 69.4 104.0  
 154 68.7 60.4 90.6





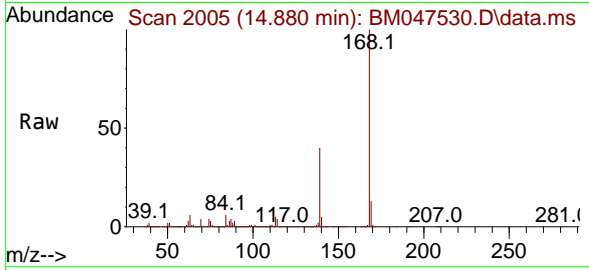
#55  
 Dibenzofuran  
 Concen: 46.595 ng  
 RT: 14.880 min Scan# 2005  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

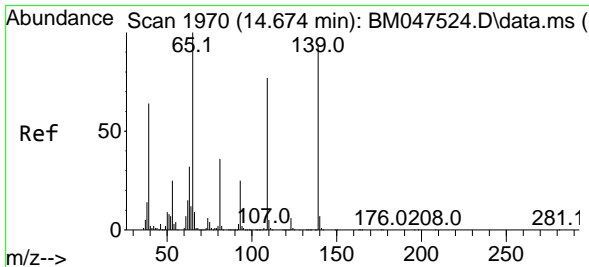
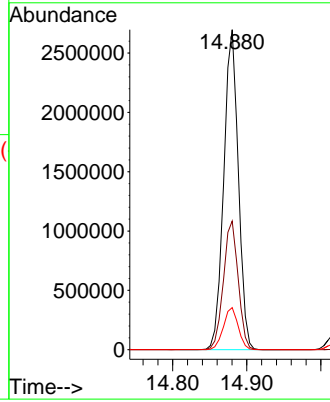
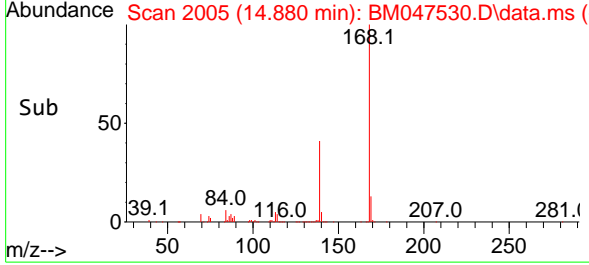


Tgt Ion:168 Resp: 368327  
 Ion Ratio Lower Upper  
 168 100  
 139 40.2 31.9 47.9  
 169 13.1 10.5 15.7

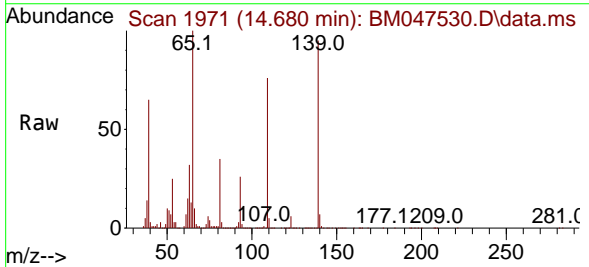
Manual Integrations

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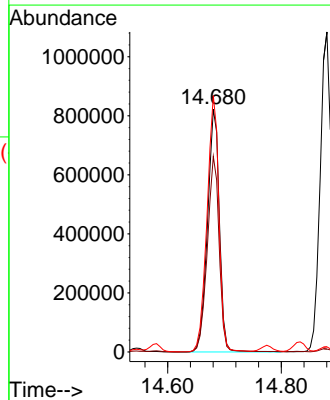
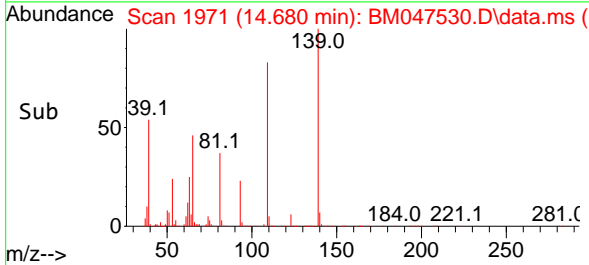
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



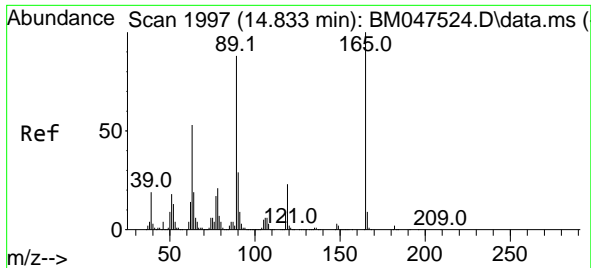
#56  
 4-Nitrophenol  
 Concen: 98.298 ng  
 RT: 14.680 min Scan# 1971  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:139 Resp: 1191274  
 Ion Ratio Lower Upper  
 139 100  
 109 80.5 62.0 102.0  
 65 105.6 87.0 127.0







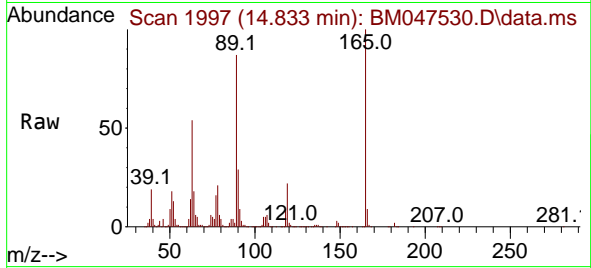
#57  
 2,4-Dinitrotoluene  
 Concen: 45.490 ng  
 RT: 14.833 min Scan# 1997  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

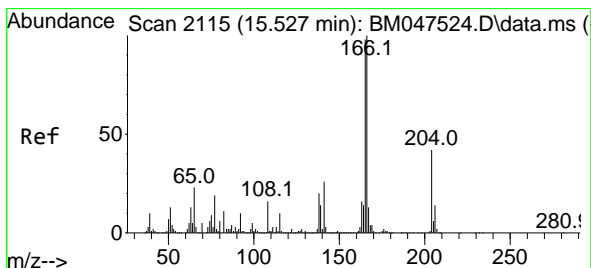
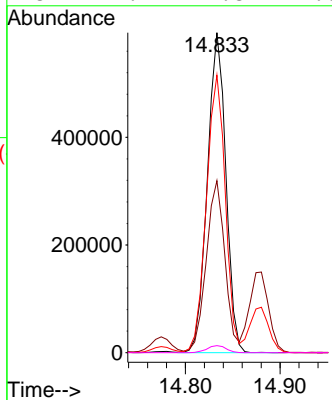
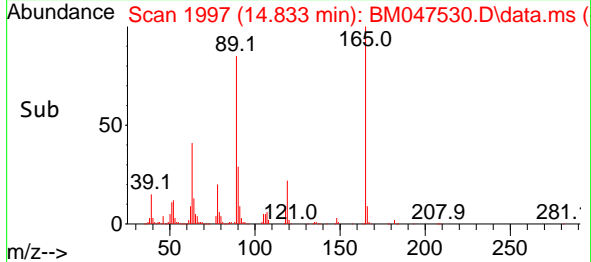


Tgt Ion:165 Resp: 80386  
 Ion Ratio Lower Upper  
 165 100  
 63 53.8 42.4 63.6  
 89 86.7 70.5 105.7  
 182 2.2 1.8 2.6

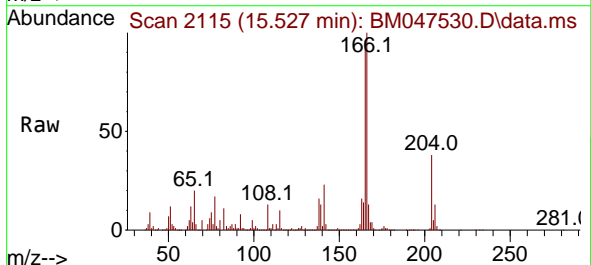
Manual Integrations

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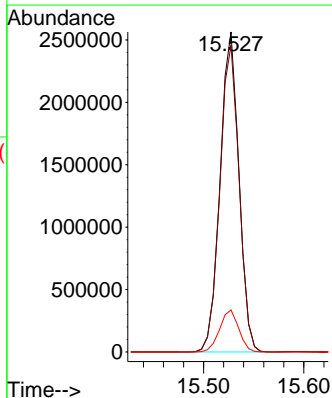
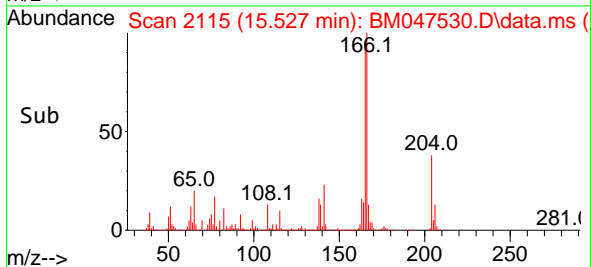
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

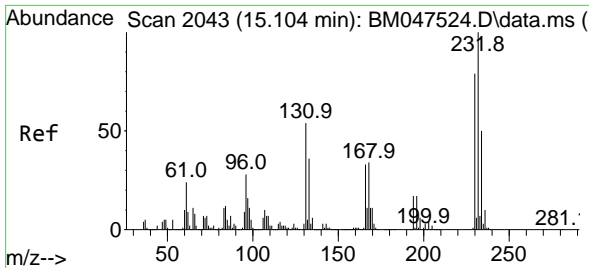


#58  
 Fluorene  
 Concen: 46.917 ng  
 RT: 15.527 min Scan# 2115  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:166 Resp: 3339040  
 Ion Ratio Lower Upper  
 166 100  
 165 95.8 78.6 117.8  
 167 13.1 10.7 16.1





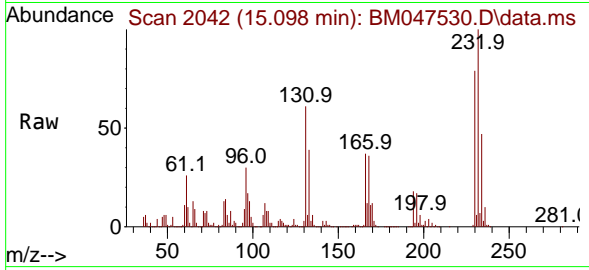
#59  
 2,3,4,6-Tetrachlorophenol  
 Concen: 47.360 ng  
 RT: 15.098 min Scan# 2042  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

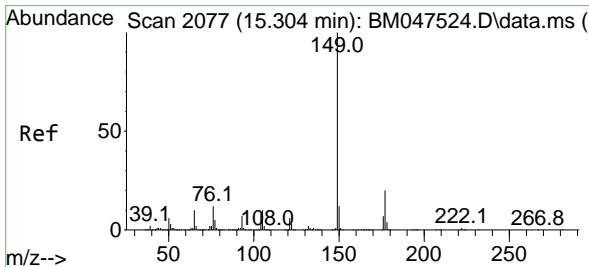
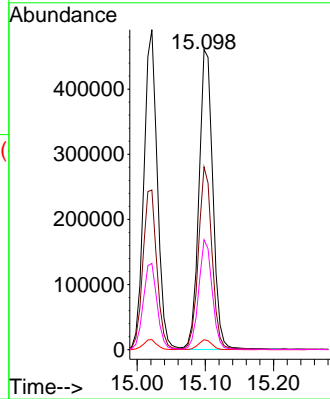
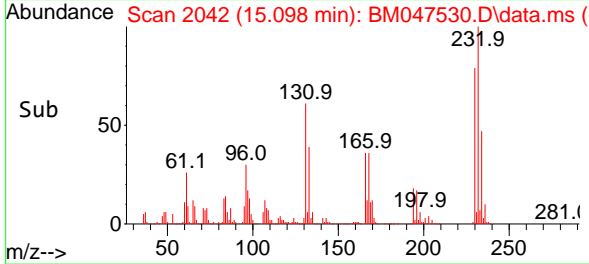


Tgt Ion:232 Resp: 65109  
 Ion Ratio Lower Upper  
 232 100  
 131 59.5 47.0 70.4  
 130 3.3 2.6 3.8  
 166 35.4 27.5 41.3

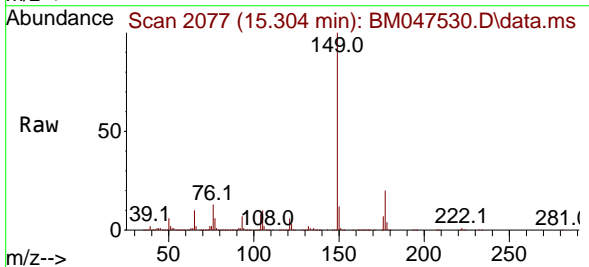
Manual Integrations

APPROVED

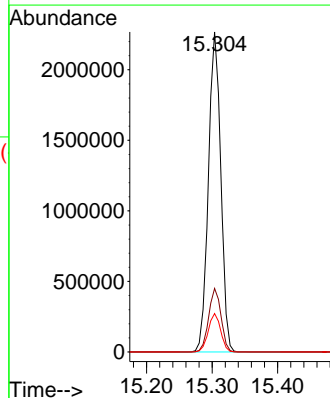
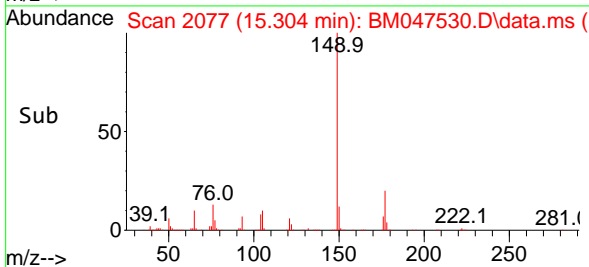
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

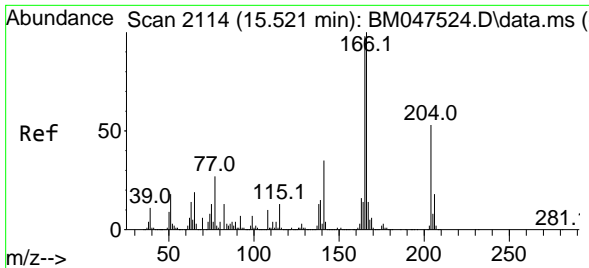


#60  
 Diethylphthalate  
 Concen: 44.630 ng  
 RT: 15.304 min Scan# 2077  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:149 Resp: 2981295  
 Ion Ratio Lower Upper  
 149 100  
 177 19.9 15.8 23.8  
 150 12.0 9.7 14.5





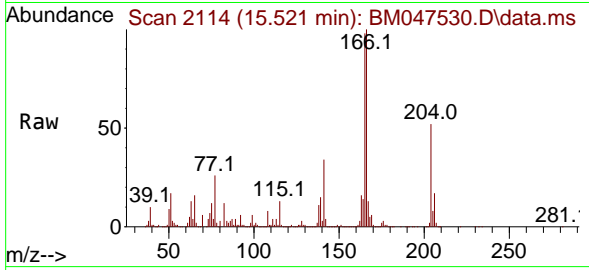
#61  
 4-Chlorophenyl-phenylether  
 Concen: 45.928 ng  
 RT: 15.521 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

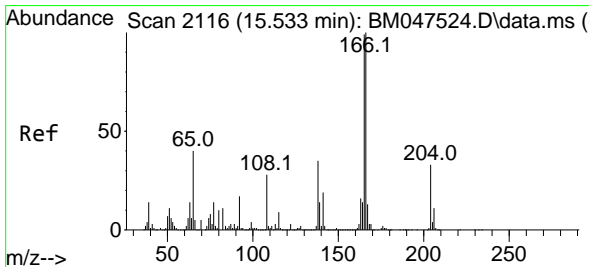
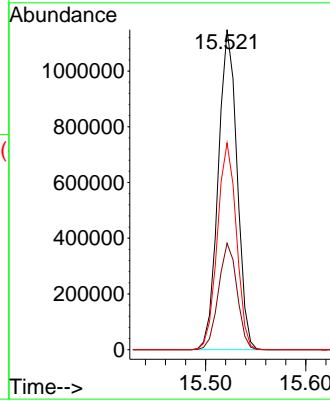
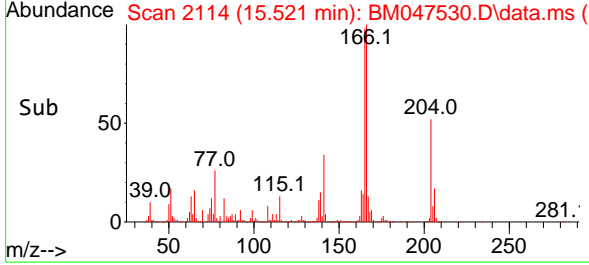


Tgt Ion:204 Resp: 149453  
 Ion Ratio Lower Upper  
 204 100  
 206 33.3 26.5 39.7  
 141 64.6 52.1 78.1

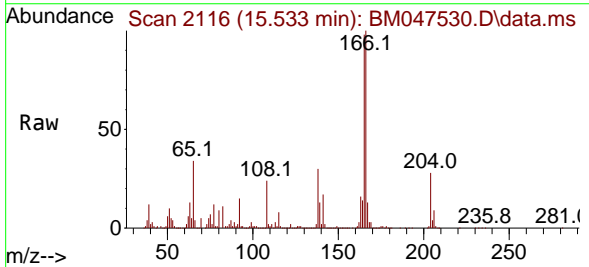
Manual Integrations

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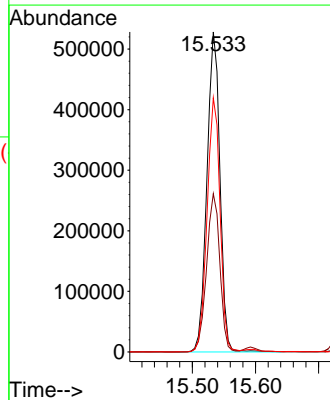
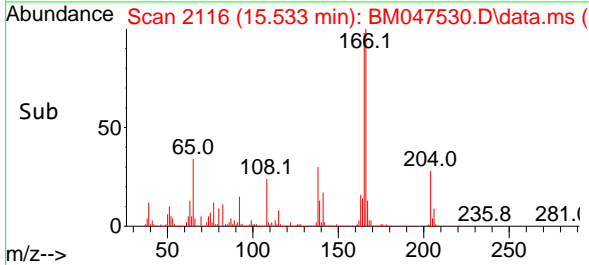
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

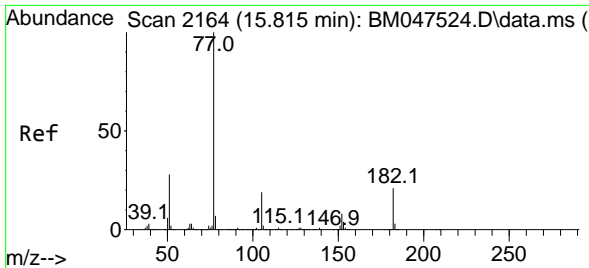


#62  
 4-Nitroaniline  
 Concen: 43.708 ng  
 RT: 15.533 min Scan# 2116  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



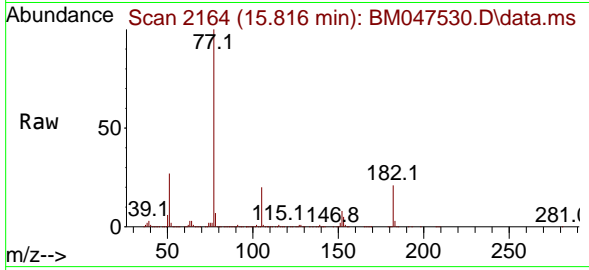
Tgt Ion:138 Resp: 756660  
 Ion Ratio Lower Upper  
 138 100  
 92 49.5 30.0 70.0  
 108 79.4 61.7 101.7





#63  
 Azobenzene  
 Concen: 47.142 ng  
 RT: 15.816 min Scan# 2164  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

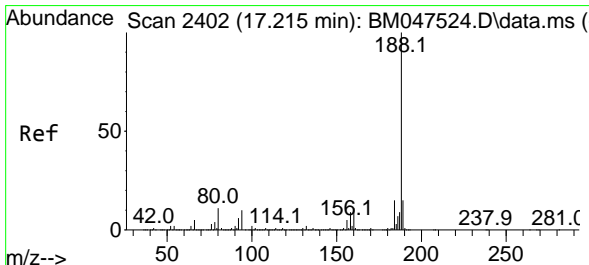
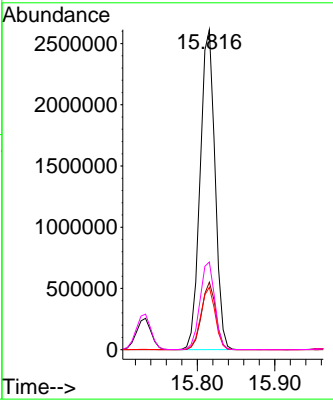
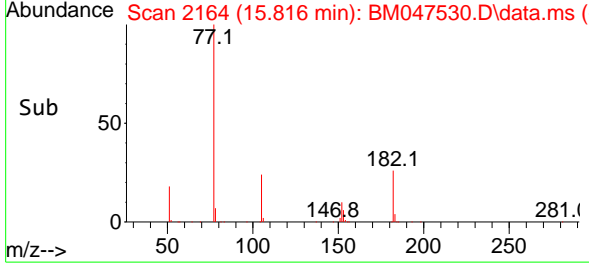
Instrument : BNA\_M  
 ClientSampleId : PB163160BS



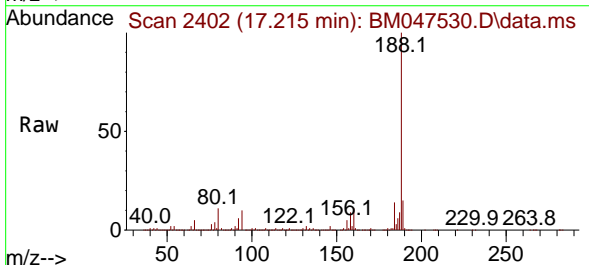
Tgt Ion: 77 Resp: 3467470

Ion	Ratio	Lower	Upper
77	100		
182	21.1	1.2	41.2
105	19.5	0.0	39.4
51	27.4	7.9	47.9

Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

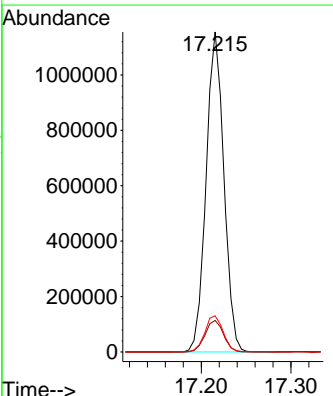
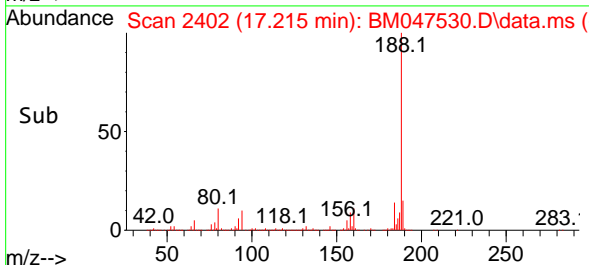


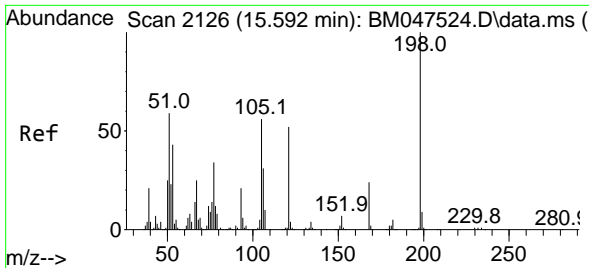
#64  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 17.215 min Scan# 2402  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:188 Resp: 1589037

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	11.3	9.1	13.7





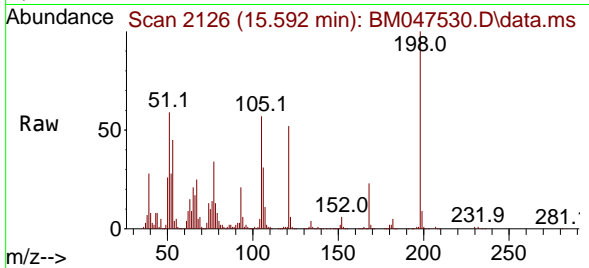
#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 43.724 ng  
 RT: 15.592 min Scan# 2126  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

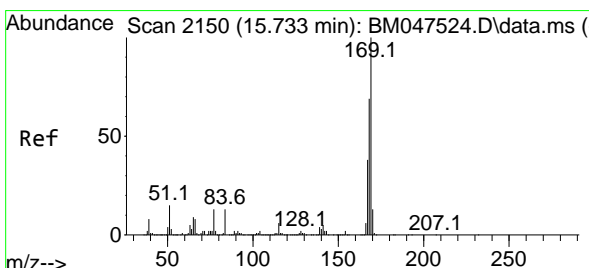
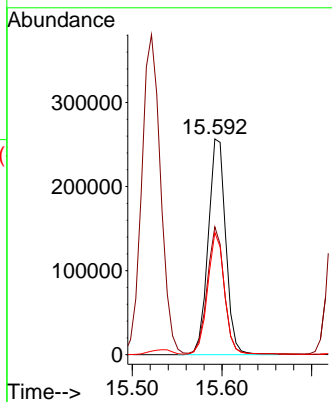
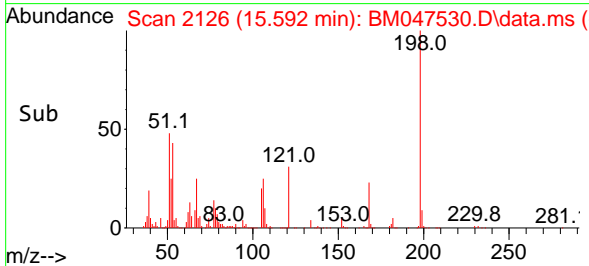


Tgt Ion:198 Resp: 347804  
 Ion Ratio Lower Upper  
 198 100  
 51 59.3 41.5 81.5  
 105 56.6 36.4 76.4

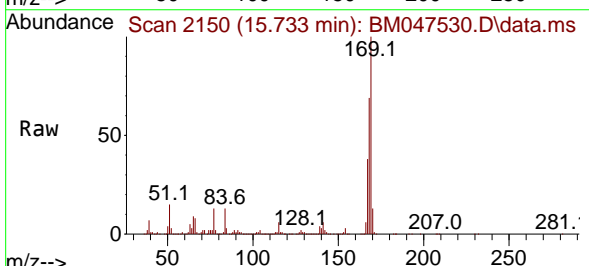
Manual Integrations

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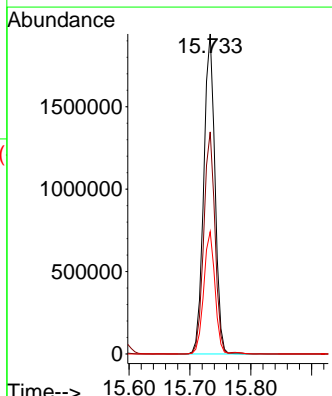
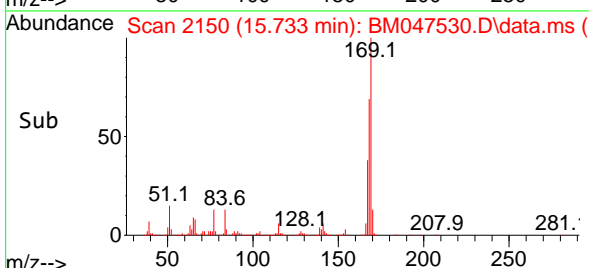
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

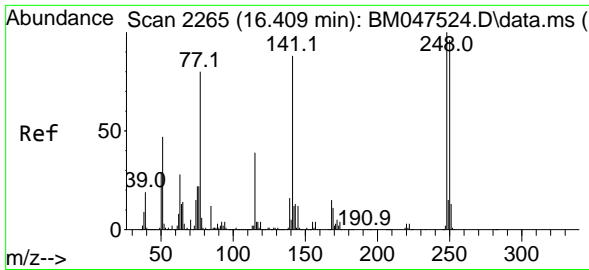


#66  
 n-Nitrosodiphenylamine  
 Concen: 51.123 ng  
 RT: 15.733 min Scan# 2150  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:169 Resp: 2485201  
 Ion Ratio Lower Upper  
 169 100  
 168 69.4 55.3 82.9  
 167 38.2 30.5 45.7





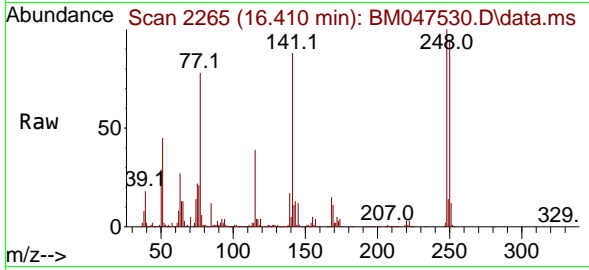
#67  
 4-Bromophenyl-phenylether  
 Concen: 48.888 ng  
 RT: 16.410 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

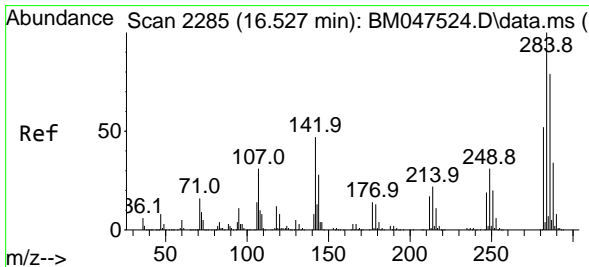
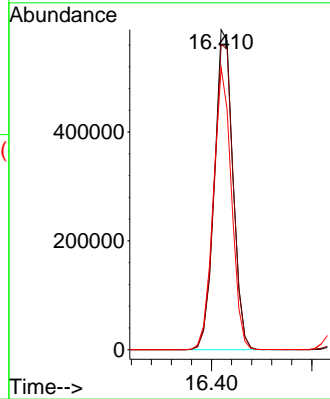
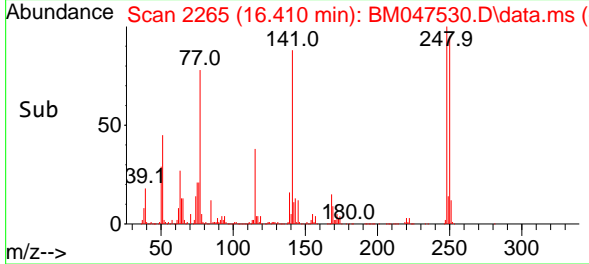


Tgt Ion:248 Resp: 75484  
 Ion Ratio Lower Upper  
 248 100  
 250 95.4 76.9 115.3  
 141 88.1 70.8 106.2

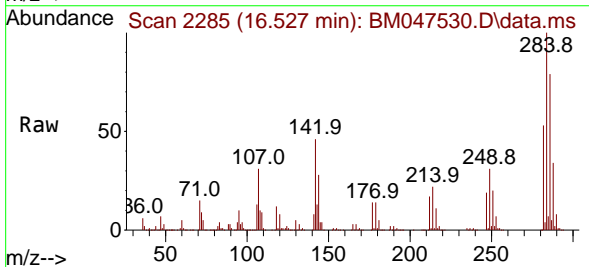
Manual Integrations

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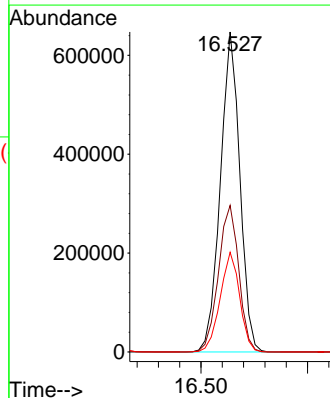
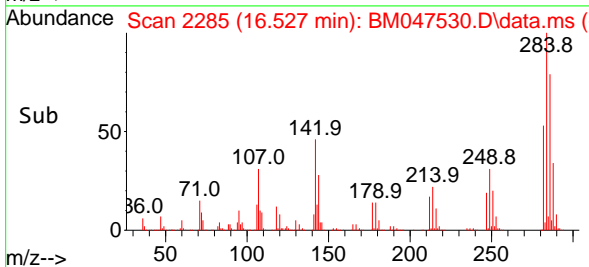
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

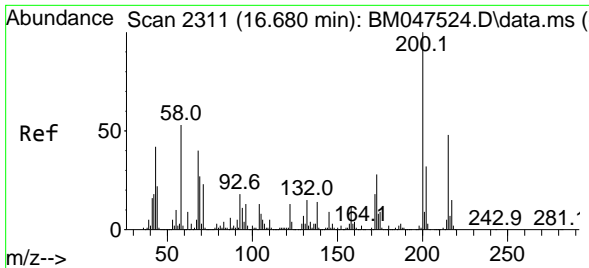


#68  
 Hexachlorobenzene  
 Concen: 46.893 ng  
 RT: 16.527 min Scan# 2285  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:284 Resp: 820223  
 Ion Ratio Lower Upper  
 284 100  
 142 45.8 37.3 55.9  
 249 31.2 24.5 36.7





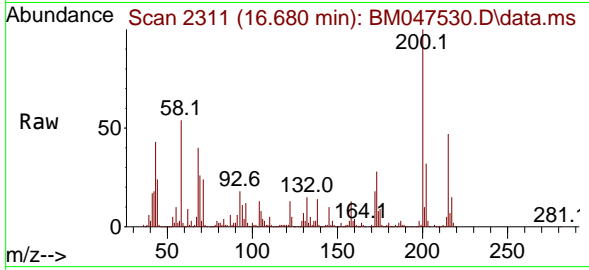
#69  
 Atrazine  
 Concen: 52.456 ng  
 RT: 16.680 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

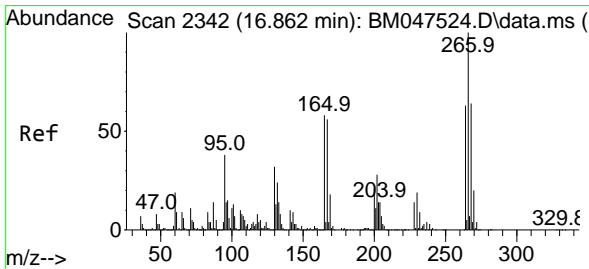
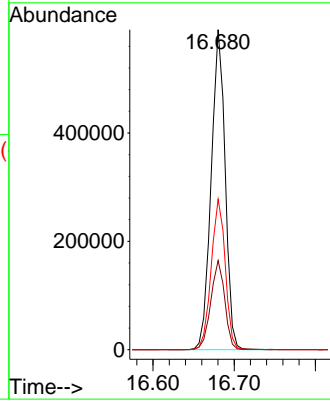
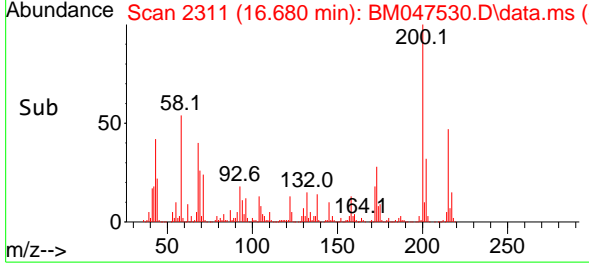


Tgt Ion:200 Resp: 704798  
 Ion Ratio Lower Upper  
 200 100  
 173 27.8 7.7 47.7  
 215 47.0 27.9 67.9

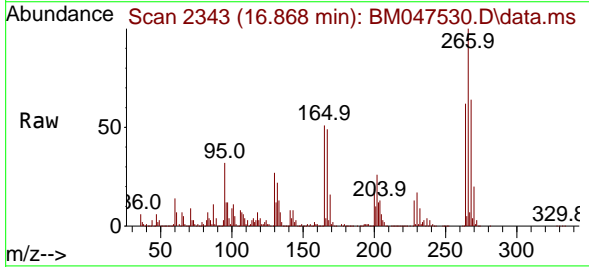
Manual Integrations

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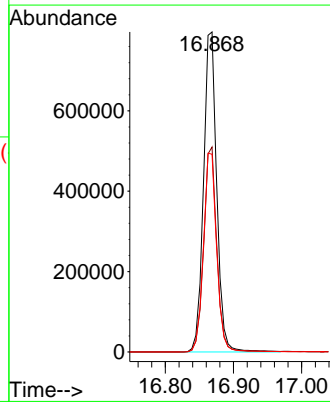
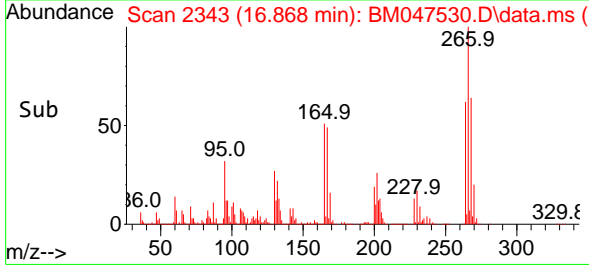
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

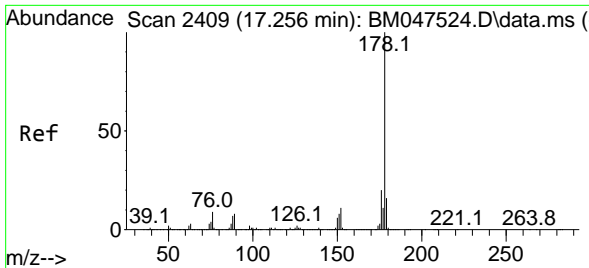


#70  
 Pentachlorophenol  
 Concen: 105.798 ng  
 RT: 16.868 min Scan# 2343  
 Delta R.T. 0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:266 Resp: 1072733  
 Ion Ratio Lower Upper  
 266 100  
 268 64.0 51.0 76.4  
 264 61.8 50.4 75.6





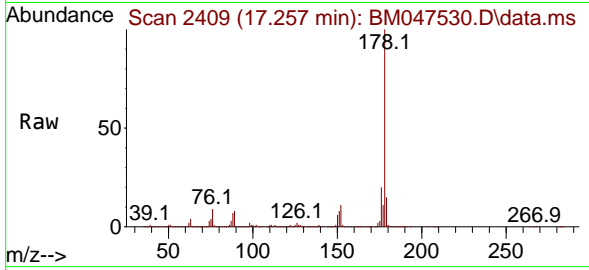
#71  
 Phenanthrene  
 Concen: 48.841 ng  
 RT: 17.257 min Scan# 2409  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

Client Sample Id :

PB163160BS

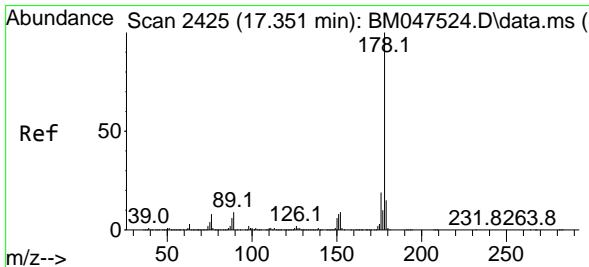
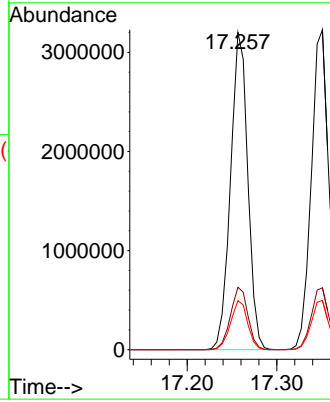
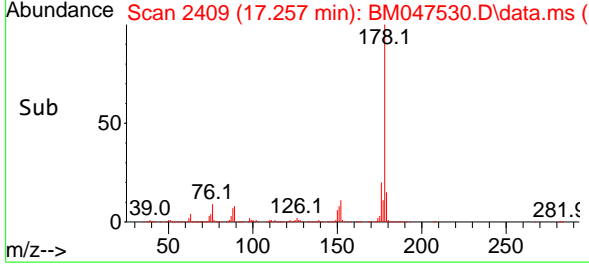


Tgt Ion:178 Resp: 4277100  
 Ion Ratio Lower Upper  
 178 100  
 176 19.7 16.0 24.0  
 179 15.4 12.4 18.6

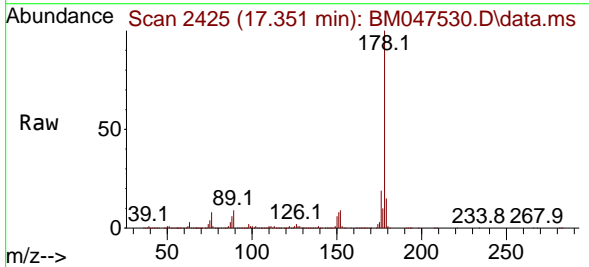
Manual Integrations

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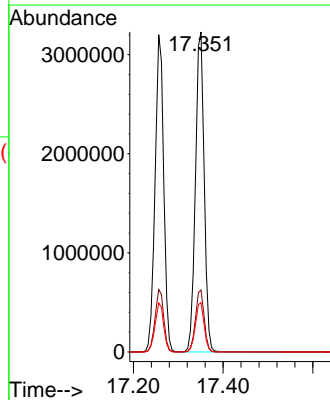
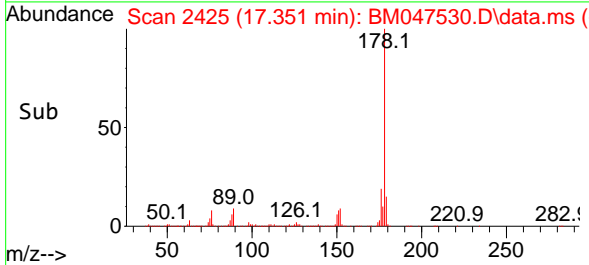
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



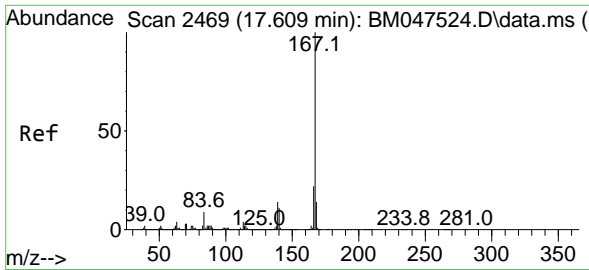
#72  
 Anthracene  
 Concen: 51.868 ng  
 RT: 17.351 min Scan# 2425  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:178 Resp: 4363975  
 Ion Ratio Lower Upper  
 178 100  
 176 19.4 15.4 23.0  
 179 15.4 12.3 18.5







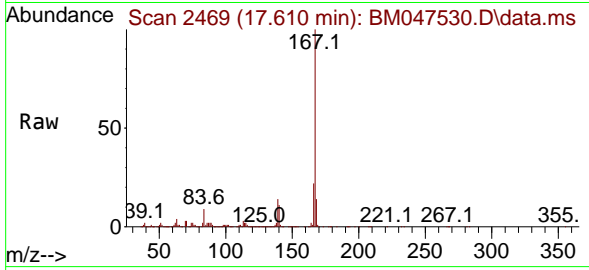
#73  
 Carbazole  
 Concen: 45.632 ng  
 RT: 17.610 min Scan# 2469  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

Client SampleId :

PB163160BS

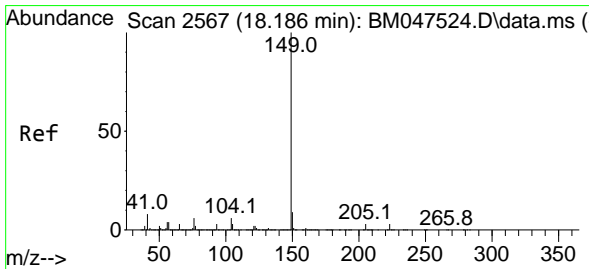
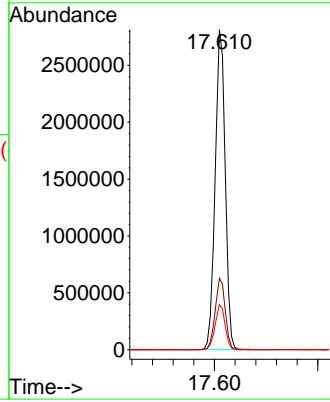
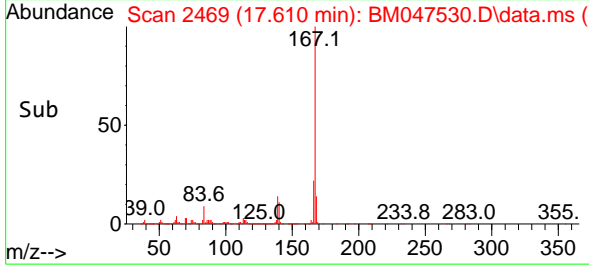


Tgt Ion:167 Resp: 380478  
 Ion Ratio Lower Upper  
 167 100  
 166 22.3 17.8 26.8  
 139 14.0 11.0 16.6

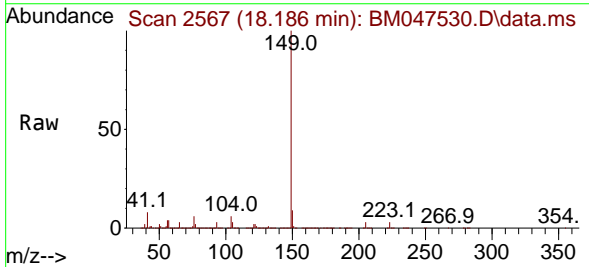
Manual Integrations

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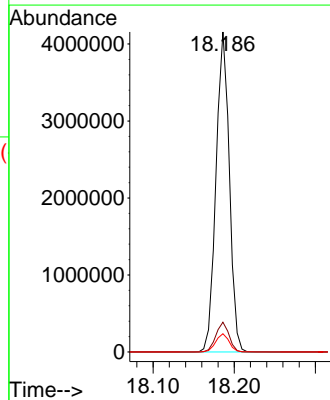
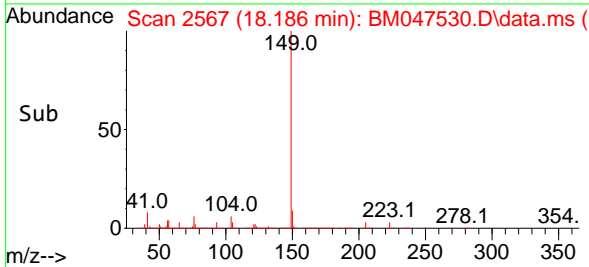
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

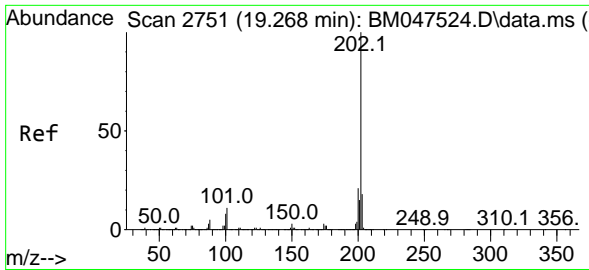


#74  
 Di-n-butylphthalate  
 Concen: 47.500 ng  
 RT: 18.186 min Scan# 2567  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:149 Resp: 4738766  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 5.7 4.6 6.8





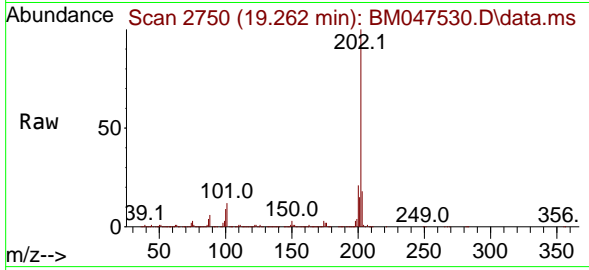
#75  
 Fluoranthene  
 Concen: 43.785 ng  
 RT: 19.262 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

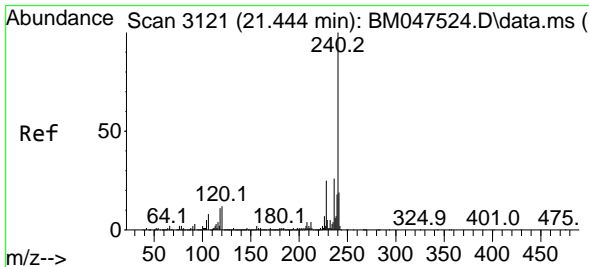
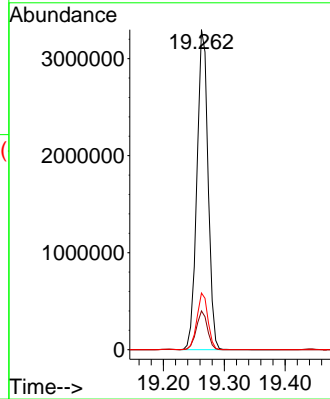
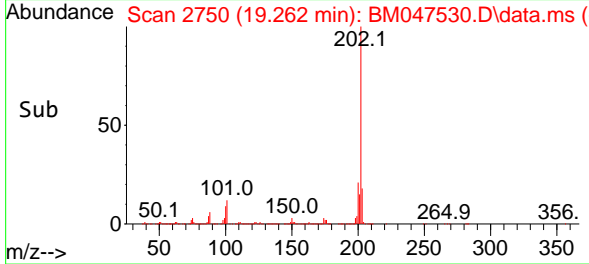


Tgt Ion:202 Resp: 418345  
 Ion Ratio Lower Upper  
 202 100  
 101 12.1 0.0 30.8  
 203 17.7 0.0 37.7

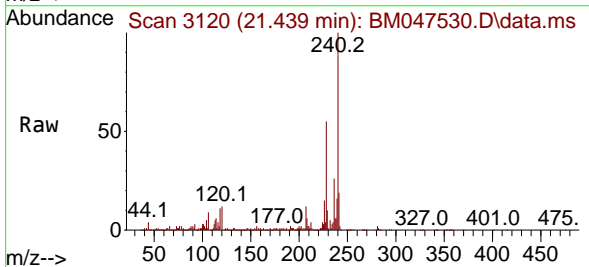
Manual Integrations

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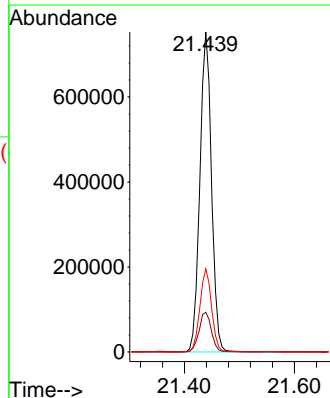
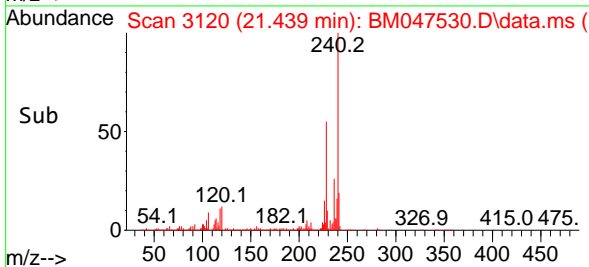
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

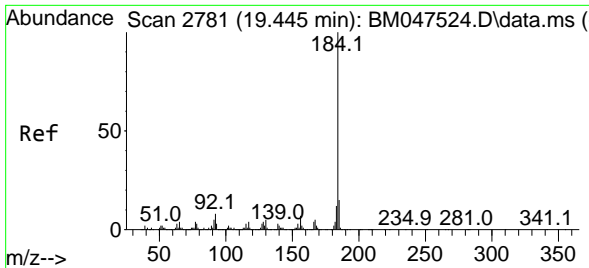


#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 21.439 min Scan# 3120  
 Delta R.T. -0.005 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:240 Resp: 1105064  
 Ion Ratio Lower Upper  
 240 100  
 120 12.4 9.6 14.4  
 236 26.0 20.9 31.3





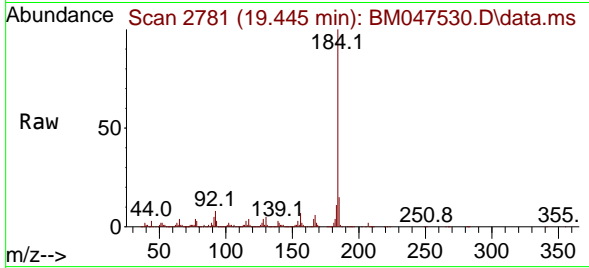
#77  
 Benzidine  
 Concen: 78.337 ng  
 RT: 19.445 min Scan# 2781  
 Delta R.T. -0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

Client Sample Id :

PB163160BS

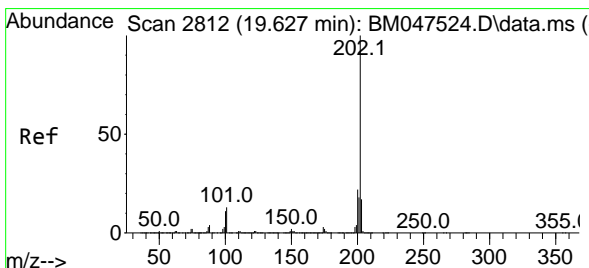
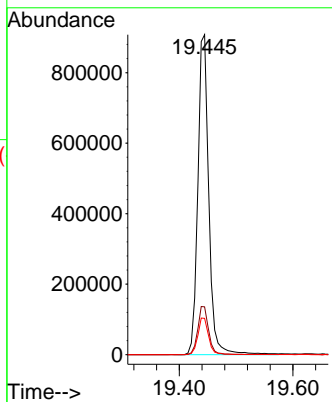
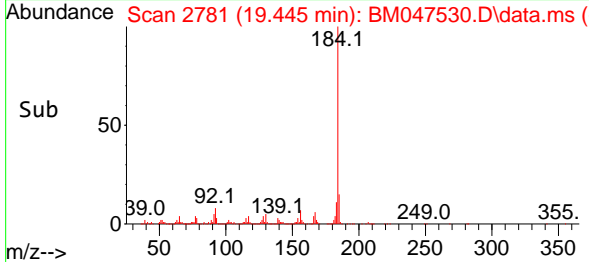


Tgt Ion:184 Resp: 1219200  
 Ion Ratio Lower Upper  
 184 100  
 185 14.9 12.2 18.2  
 183 11.3 9.6 14.4

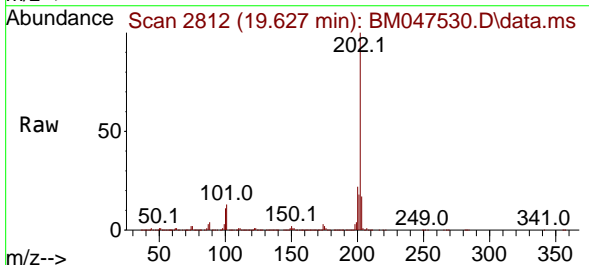
Manual Integrations

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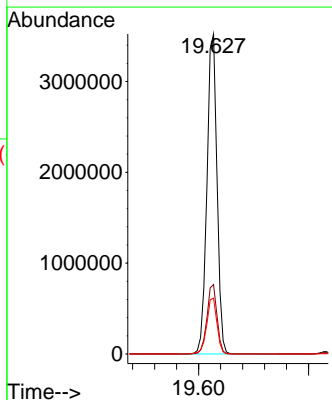
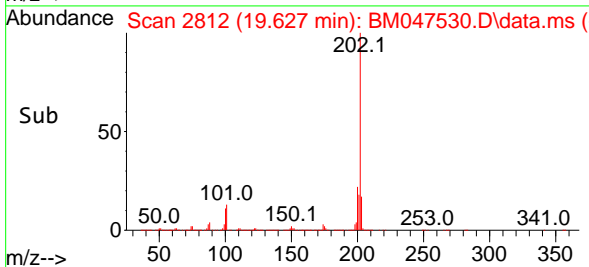
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

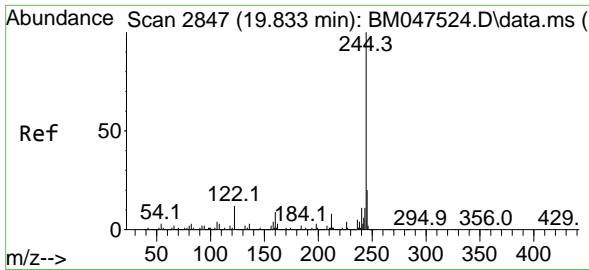


#78  
 Pyrene  
 Concen: 55.397 ng  
 RT: 19.627 min Scan# 2812  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



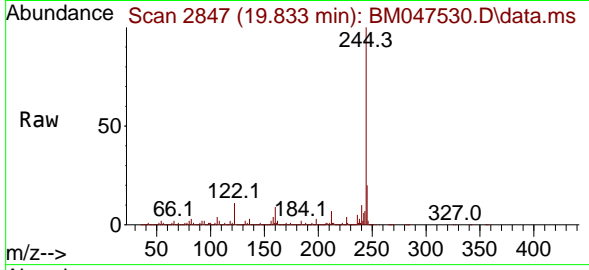
Tgt Ion:202 Resp: 4465367  
 Ion Ratio Lower Upper  
 202 100  
 200 21.7 17.2 25.8  
 203 17.4 14.0 21.0





#79  
 Terphenyl-d14  
 Concen: 128.476 ng  
 RT: 19.833 min Scan# 2847  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

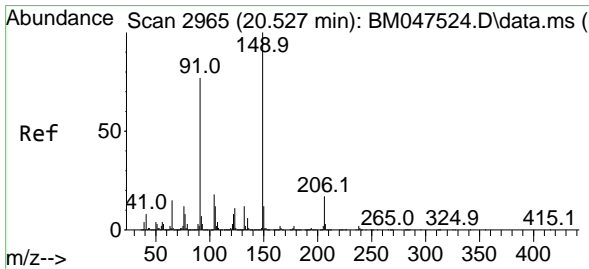
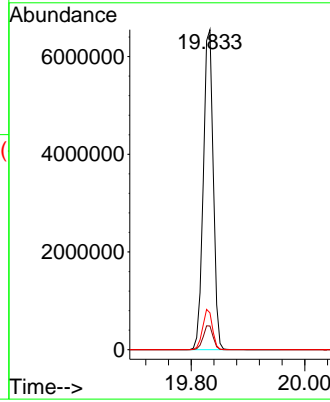
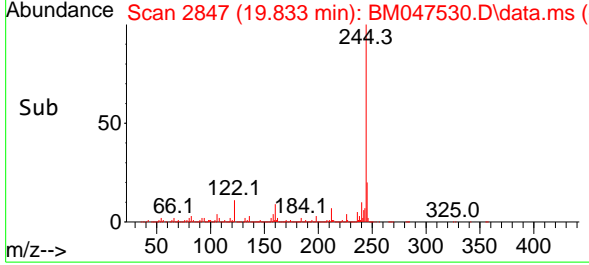
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



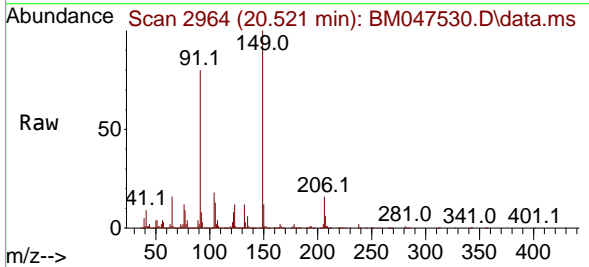
Tgt Ion:244 Resp: 7922910  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.2 9.2  
 122 11.5 9.6 14.4

Manual Integrations  
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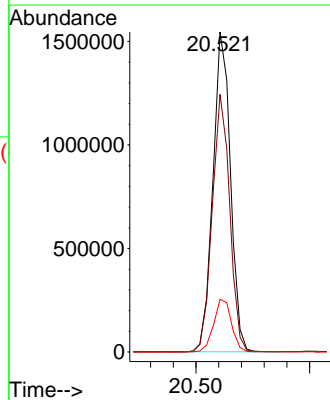
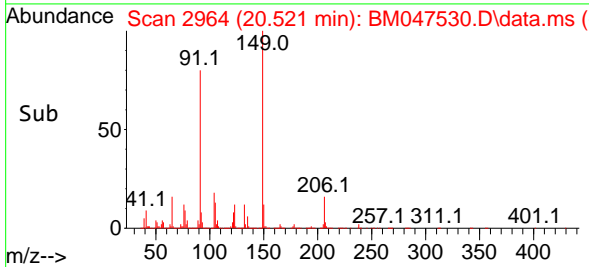
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

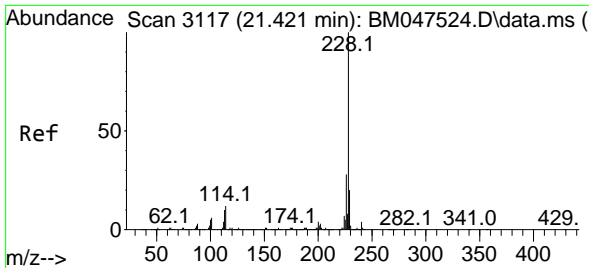


#80  
 Butylbenzylphthalate  
 Concen: 53.270 ng  
 RT: 20.521 min Scan# 2964  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



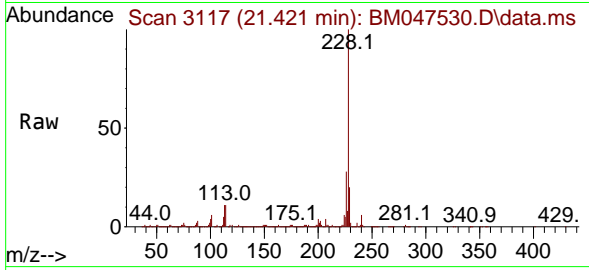
Tgt Ion:149 Resp: 1652932  
 Ion Ratio Lower Upper  
 149 100  
 91 80.5 62.0 93.0  
 206 16.5 13.8 20.8





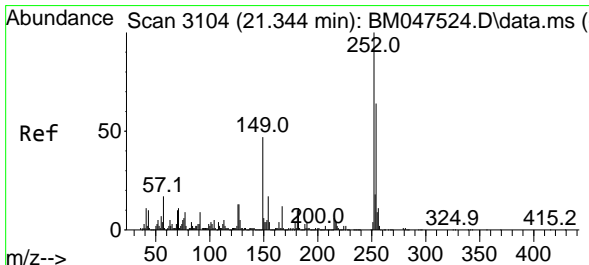
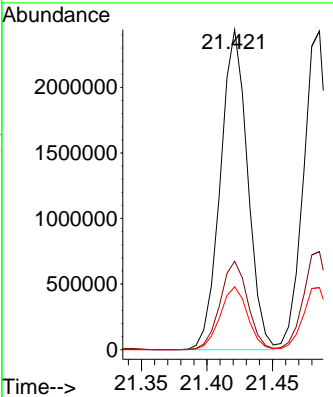
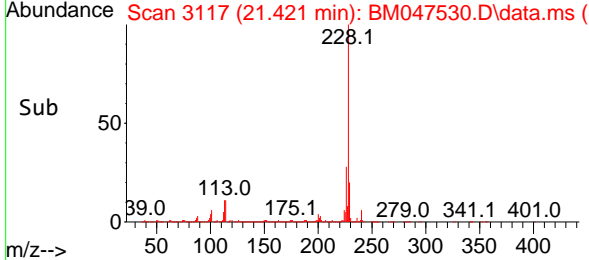
#81  
 Benzo(a)anthracene  
 Concen: 48.862 ng  
 RT: 21.421 min Scan# 3117  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument : BNA\_M  
 ClientSampleId : PB163160BS

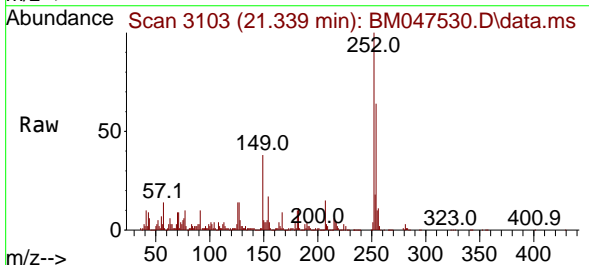


Tgt Ion:228 Resp: 351944  
 Ion Ratio Lower Upper  
 228 100  
 226 27.7 22.4 33.6  
 229 19.6 16.0 24.0

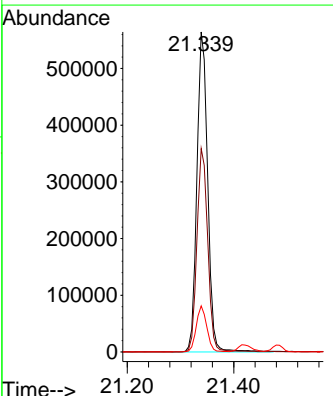
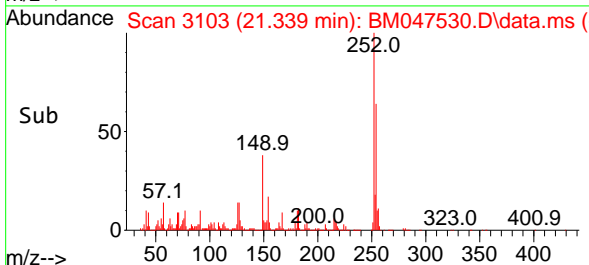
Manual Integrations  
**APPROVED**  
 Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

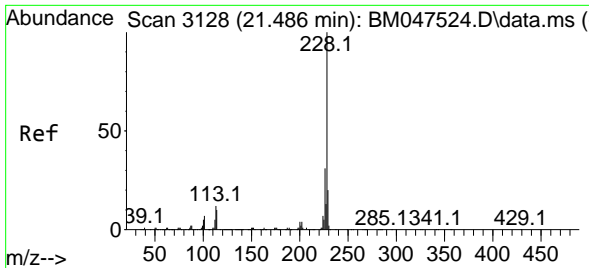


#82  
 3,3'-Dichlorobenzidine  
 Concen: 41.367 ng  
 RT: 21.339 min Scan# 3103  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:252 Resp: 792608  
 Ion Ratio Lower Upper  
 252 100  
 254 63.5 51.5 77.3  
 126 14.4 10.3 15.5





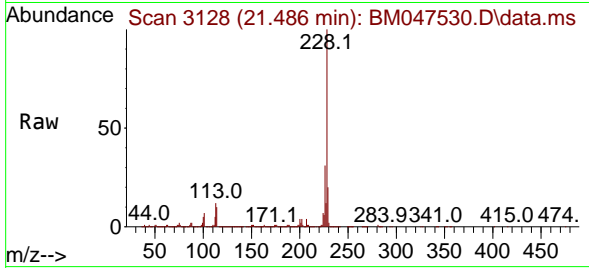
#83  
 Chrysene  
 Concen: 48.319 ng  
 RT: 21.486 min Scan# 3128  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

Client Sample Id :

PB163160BS

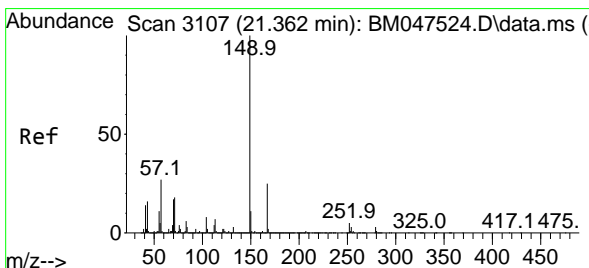
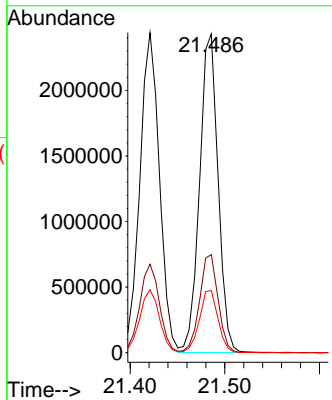
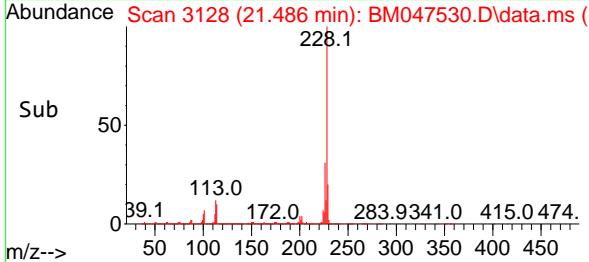


Tgt Ion: 228 Resp: 329196  
 Ion Ratio Lower Upper  
 228 100  
 226 30.8 25.0 37.6  
 229 19.5 15.9 23.9

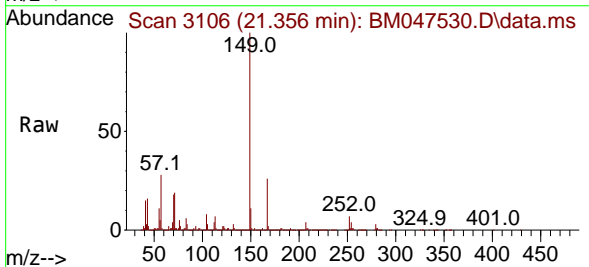
Manual Integrations

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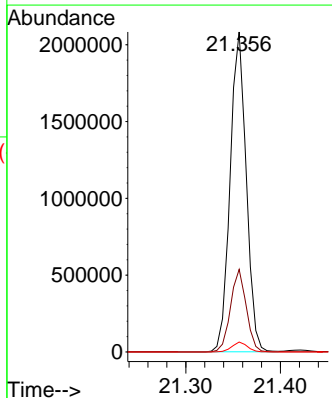
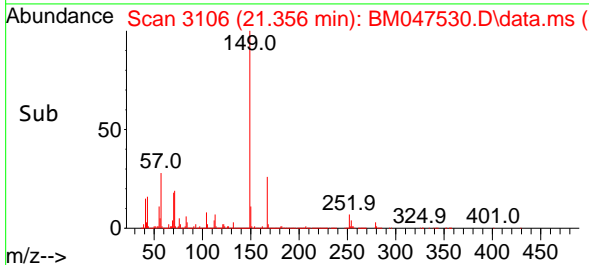
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

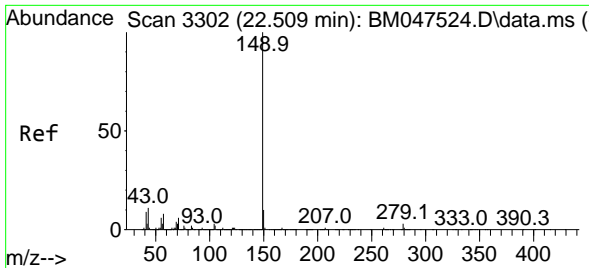


#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 50.730 ng  
 RT: 21.356 min Scan# 3106  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion: 149 Resp: 2465921  
 Ion Ratio Lower Upper  
 149 100  
 167 25.8 20.2 30.4  
 279 3.1 2.6 4.0





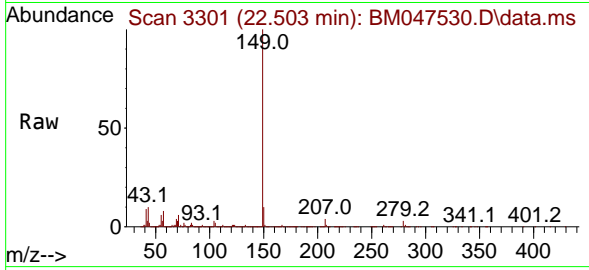
#85  
 Di-n-octyl phthalate  
 Concen: 49.221 ng  
 RT: 22.503 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

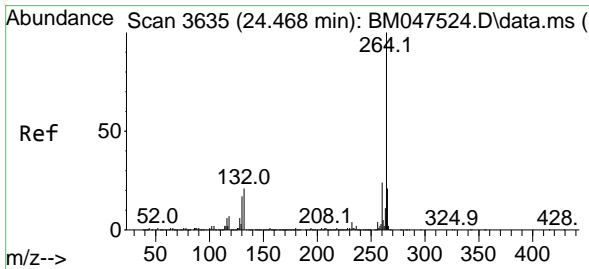
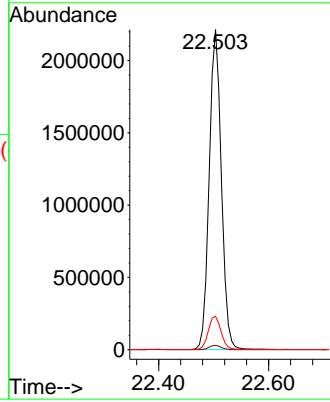
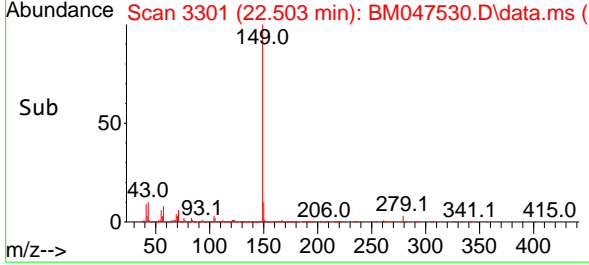


Tgt Ion:149 Resp: 338431  
 Ion Ratio Lower Upper  
 149 100  
 167 1.3 1.1 1.7  
 43 11.0 8.9 13.3

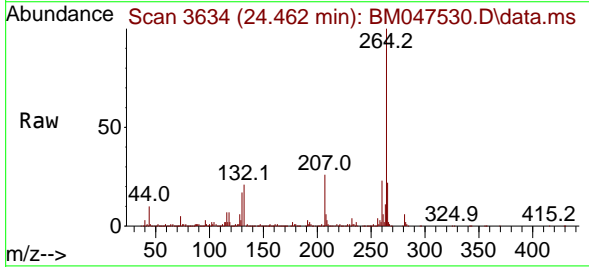
Manual Integrations

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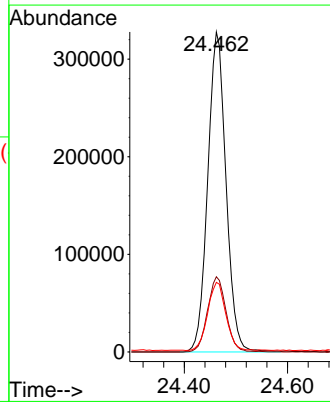
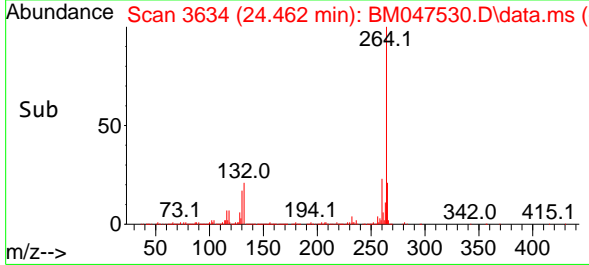
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

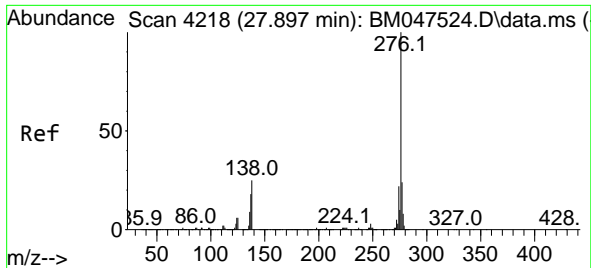


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.462 min Scan# 3634  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:264 Resp: 804281  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.9 28.3  
 265 21.8 17.4 26.2





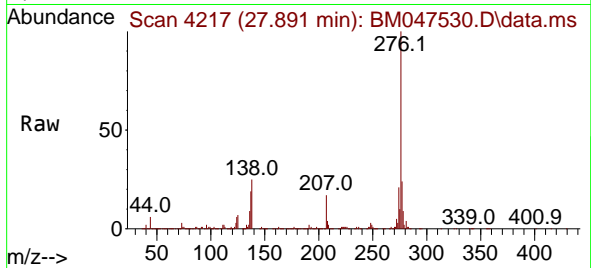
#87  
 Indeno(1,2,3-cd)pyrene  
 Concen: 53.648 ng  
 RT: 27.891 min Scan# 41  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

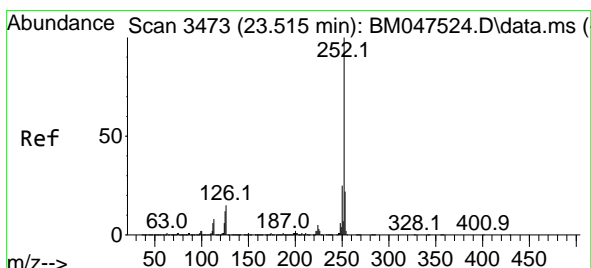
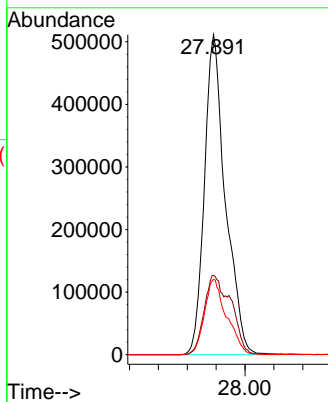
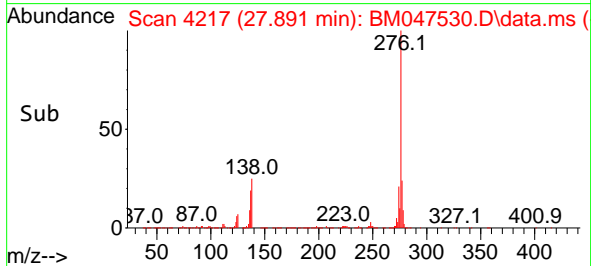


Tgt Ion:276 Resp: 2582184  
 Ion Ratio Lower Upper  
 276 100  
 138 31.6 25.0 37.6  
 277 25.0 20.1 30.1

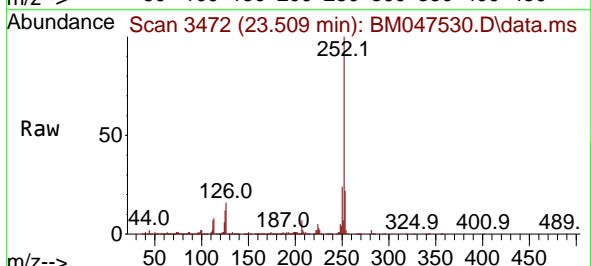
Manual Integrations

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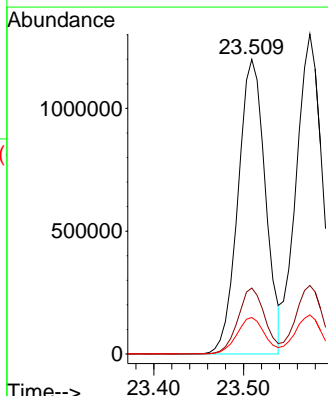
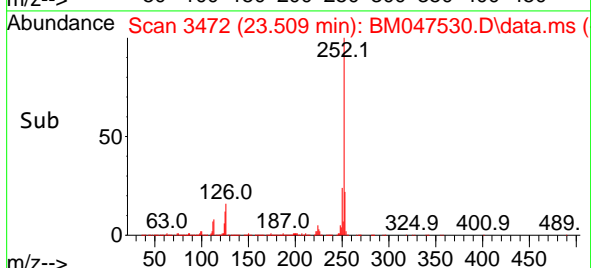
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



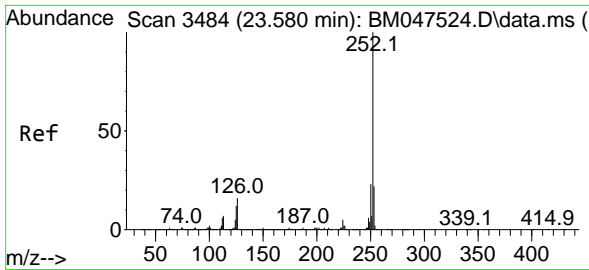
#88  
 Benzo(b)fluoranthene  
 Concen: 48.745 ng  
 RT: 23.509 min Scan# 3472  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:252 Resp: 2536602  
 Ion Ratio Lower Upper  
 252 100  
 253 22.4 17.8 26.8  
 125 12.4 9.5 14.3







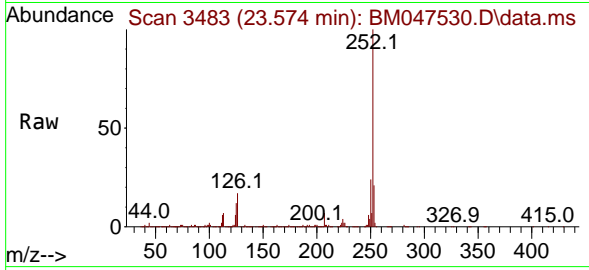
#89  
 Benzo(k)fluoranthene  
 Concen: 51.318 ng  
 RT: 23.574 min Scan# 3483  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

Instrument :

BNA\_M

ClientSampleId :

PB163160BS

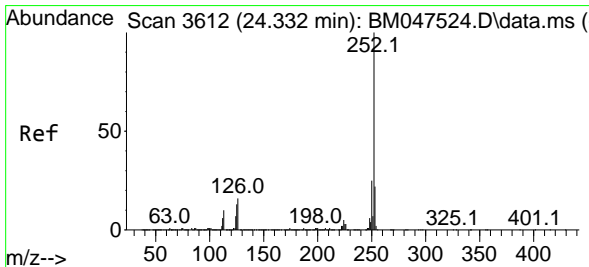
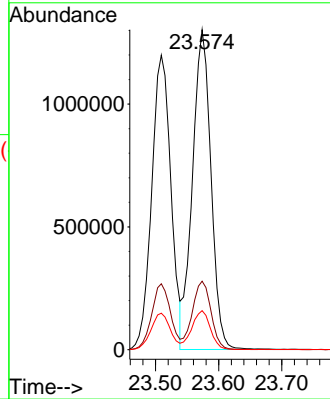
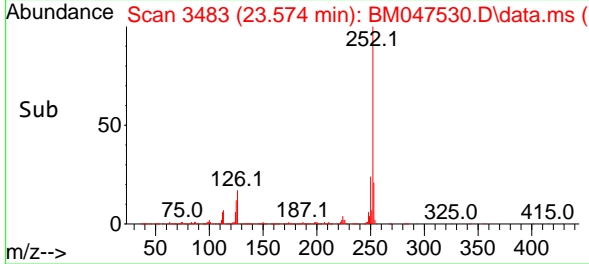


Tgt Ion:252 Resp: 264667  
 Ion Ratio Lower Upper  
 252 100  
 253 21.4 17.8 26.6  
 125 12.2 9.5 14.3

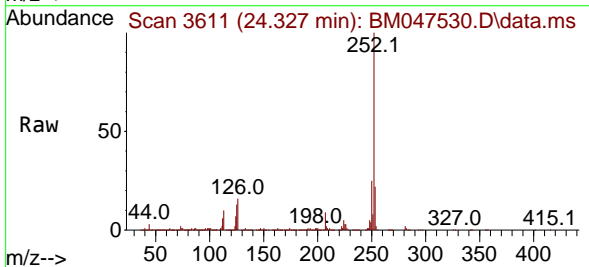
Manual Integrations

APPROVED

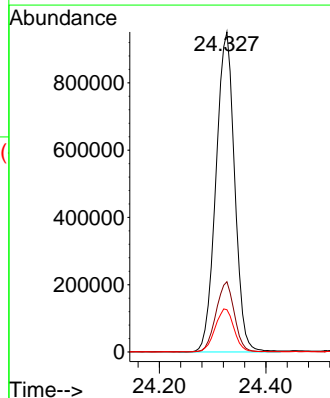
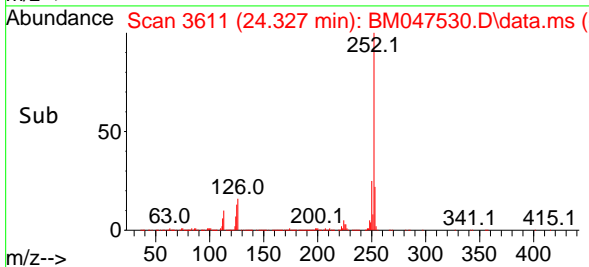
Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024

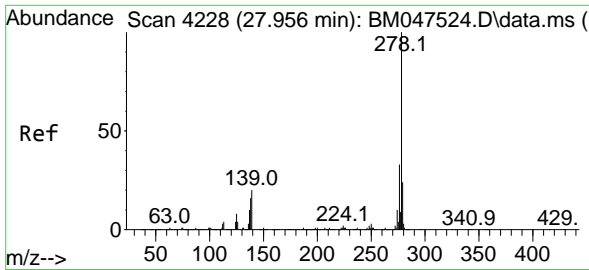


#90  
 Benzo(a)pyrene  
 Concen: 54.196 ng  
 RT: 24.327 min Scan# 3611  
 Delta R.T. -0.006 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



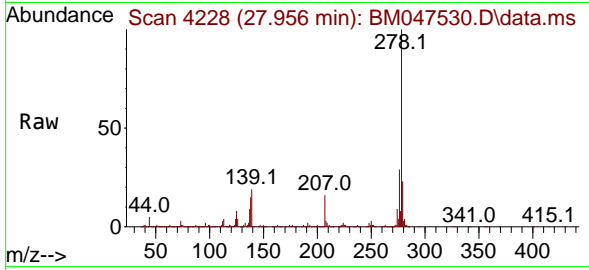
Tgt Ion:252 Resp: 2311498  
 Ion Ratio Lower Upper  
 252 100  
 253 21.9 17.7 26.5  
 125 13.2 10.2 15.4





#91  
 Dibenzo(a,h)anthracene  
 Concen: 52.964 ng  
 RT: 27.956 min Scan# 4397  
 Delta R.T. 0.000 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12

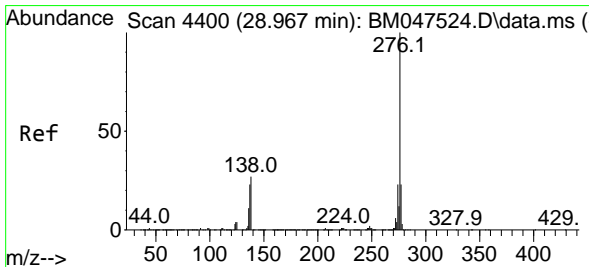
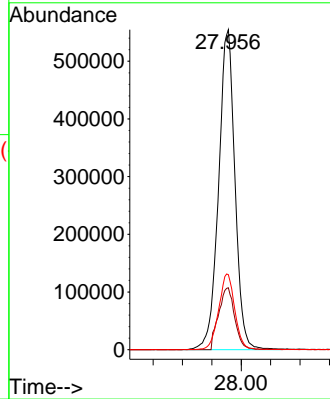
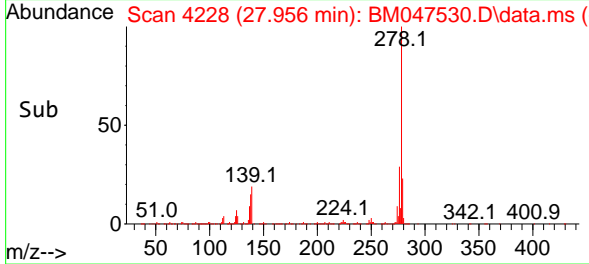
Instrument :  
 BNA\_M  
 ClientSampleId :  
 PB163160BS



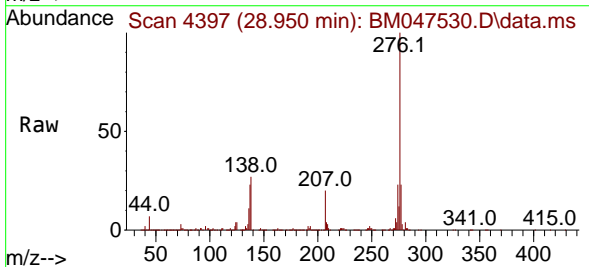
Tgt Ion:278 Resp: 214480  
 Ion Ratio Lower Upper  
 278 100  
 139 19.4 15.9 23.9  
 279 23.5 19.3 28.9

Manual Integrations  
 APPROVED

Reviewed By :Jagrut Upadhyay 09/16/2024  
 Supervised By :mohammad ahmed 09/17/2024



#92  
 Benzo(g,h,i)perylene  
 Concen: 49.431 ng  
 RT: 28.950 min Scan# 4397  
 Delta R.T. -0.017 min  
 Lab File: BM047530.D  
 Acq: 14 Sep 2024 19:12



Tgt Ion:276 Resp: 1955354  
 Ion Ratio Lower Upper  
 276 100  
 277 23.1 18.6 28.0  
 138 27.0 21.5 32.3

