

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081924\
 Data File : BM047247.D
 Acq On : 19 Aug 2024 11:02
 Operator : RC/JU
 Sample : PB162722BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 12:03:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sun Aug 11 23:47:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	277756	20.000	ng	-0.01
21) Naphthalene-d8	10.122	136	1128092	20.000	ng	-0.01
39) Acenaphthene-d10	14.033	164	782637	20.000	ng	0.00
64) Phenanthrene-d10	16.798	188	1751225	20.000	ng	0.00
76) Chrysene-d12	21.039	240	1584431	20.000	ng	0.00
86) Perylene-d12	23.744	264	1735614	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.022	112	2018950	129.882	ng	0.00
7) Phenol-d6	6.587	99	2697086	125.920	ng	0.00
23) Nitrobenzene-d5	8.516	82	1747101	77.983	ng	0.00
42) 2,4,6-Tribromophenol	15.545	330	1264332	139.323	ng	0.00
45) 2-Fluorobiphenyl	12.639	172	4166905	82.127	ng	0.00
79) Terphenyl-d14	19.462	244	7443553	100.666	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.022	88	174375	27.074	ng	93
3) Pyridine	3.399	79	511358	27.075	ng	98
4) n-Nitrosodimethylamine	3.316	42	302594	36.672	ng	98
6) Aniline	6.716	93	574735	28.389	ng	98
8) 2-Chlorophenol	6.945	128	857074	50.553	ng	97
9) Benzaldehyde	6.528	77	229489	16.239	ng	99
10) Phenol	6.610	94	1010163	47.265	ng	99
11) bis(2-Chloroethyl)ether	6.816	93	782937	42.777	ng	98
12) 1,3-Dichlorobenzene	7.257	146	862091	42.791	ng	98
13) 1,4-Dichlorobenzene	7.404	146	878541	43.070	ng	99
14) 1,2-Dichlorobenzene	7.710	146	864556	44.920	ng	99
15) Benzyl Alcohol	7.622	79	769131	50.455	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.892	45	961825	40.953	ng	99
17) 2-Methylphenol	7.834	107	694069	48.678	ng	98
18) Hexachloroethane	8.416	117	328533	41.579	ng	95
19) n-Nitroso-di-n-propyla...	8.181	70	599402	41.546	ng	96
20) 3+4-Methylphenols	8.157	107	957813	48.050	ng	96
22) Acetophenone	8.186	105	1075144	39.483	ng	# 99
24) Nitrobenzene	8.557	77	919665	40.767	ng	96
25) Isophorone	9.081	82	1742843	44.679	ng	98
26) 2-Nitrophenol	9.257	139	493792	49.425	ng	95
27) 2,4-Dimethylphenol	9.339	122	635683	54.318	ng	100
28) bis(2-Chloroethoxy)met...	9.569	93	1072334	43.689	ng	99
29) 2,4-Dichlorophenol	9.792	162	919603	52.959	ng	98
30) 1,2,4-Trichlorobenzene	9.992	180	904506	46.029	ng	99
31) Naphthalene	10.175	128	2444663	43.501	ng	100
32) Benzoic acid	9.545	122	684543	50.347	ng	94
33) 4-Chloroaniline	10.298	127	576218	26.663	ng	99
34) Hexachlorobutadiene	10.457	225	531430	46.204	ng	99
35) Caprolactam	11.116	113	239810m	39.767	ng	
36) 4-Chloro-3-methylphenol	11.457	107	917053	49.589	ng	99
37) 2-Methylnaphthalene	11.798	142	1804704	45.103	ng	98
38) 1-Methylnaphthalene	12.027	142	1693690	42.830	ng	98
40) 1,2,4,5-Tetrachloroben...	12.186	216	940589	44.062	ng	99
41) Hexachlorocyclopentadiene	12.157	237	758699	101.784	ng	98
43) 2,4,6-Trichlorophenol	12.445	196	773787	50.999	ng	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.533	196	798852	47.420	ng	97
46) 1,1'-Biphenyl	12.851	154	2224711	39.929	ng	98
47) 2-Chloronaphthalene	12.886	162	1857007	42.642	ng	98
48) 2-Nitroaniline	13.116	65	624912	45.804	ng	94
49) Acenaphthylene	13.745	152	3072328	47.861	ng	100
50) Dimethylphthalate	13.510	163	2548718	46.629	ng	99
51) 2,6-Dinitrotoluene	13.627	165	590654	46.226	ng	89
52) Acenaphthene	14.098	154	1774674	43.583	ng	99
53) 3-Nitroaniline	13.957	138	494794	38.645	ng	100
54) 2,4-Dinitrophenol	14.186	184	778051	101.598	ng	90
55) Dibenzofuran	14.439	168	2915910	45.336	ng	97
56) 4-Nitrophenol	14.310	139	1047264	94.856	ng	99
57) 2,4-Dinitrotoluene	14.433	165	801733	47.009	ng	98
58) Fluorene	15.092	166	2392425	45.081	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.680	232	729672	52.702	ng	93
60) Diethylphthalate	14.892	149	2543505	45.568	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	1179387	46.681	ng	95
62) 4-Nitroaniline	15.139	138	575900	45.657	ng	97
63) Azobenzene	15.392	77	2258541	42.675	ng	95
65) 4,6-Dinitro-2-methylph...	15.210	198	526371	51.338	ng	88
66) n-Nitrosodiphenylamine	15.321	169	2169142	45.476	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	788552	46.729	ng	98
68) Hexachlorobenzene	16.104	284	908898	44.972	ng	97
69) Atrazine	16.292	200	727614	50.693	ng	98
70) Pentachlorophenol	16.456	266	1281594	90.462	ng	98
71) Phenanthrene	16.839	178	4015275	45.687	ng	100
72) Anthracene	16.927	178	4012395	46.920	ng	99
73) Carbazole	17.209	167	3978662	45.567	ng	100
74) Di-n-butylphthalate	17.792	149	4692813	46.191	ng	99
75) Fluoranthene	18.874	202	5034215	47.093	ng	99
77) Benzidine	19.074	184	1061518	39.506	ng	99
78) Pyrene	19.239	202	5242570	46.340	ng	100
80) Butylbenzylphthalate	20.174	149	2275053	49.276	ng	95
81) Benzo(a)anthracene	21.021	228	4950740	47.067	ng	99
82) 3,3'-Dichlorobenzidine	20.962	252	1472565	44.745	ng	98
83) Chrysene	21.080	228	4622802	46.323	ng	99
84) Bis(2-ethylhexyl)phtha...	20.974	149	3057109	46.690	ng	99
85) Di-n-octyl phthalate	22.009	149	5566022	50.013	ng	98
87) Indeno(1,2,3-cd)pyrene	26.768	276	5370805	47.874	ng	98
88) Benzo(b)fluoranthene	22.903	252	4970869	48.228	ng	99
89) Benzo(k)fluoranthene	22.962	252	4948268	50.827	ng	99
90) Benzo(a)pyrene	23.627	252	4635663	51.919	ng	98
91) Dibenzo(a,h)anthracene	26.809	278	4369989	48.133	ng	99
92) Benzo(g,h,i)perylene	27.703	276	4132503	43.840	ng	99

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

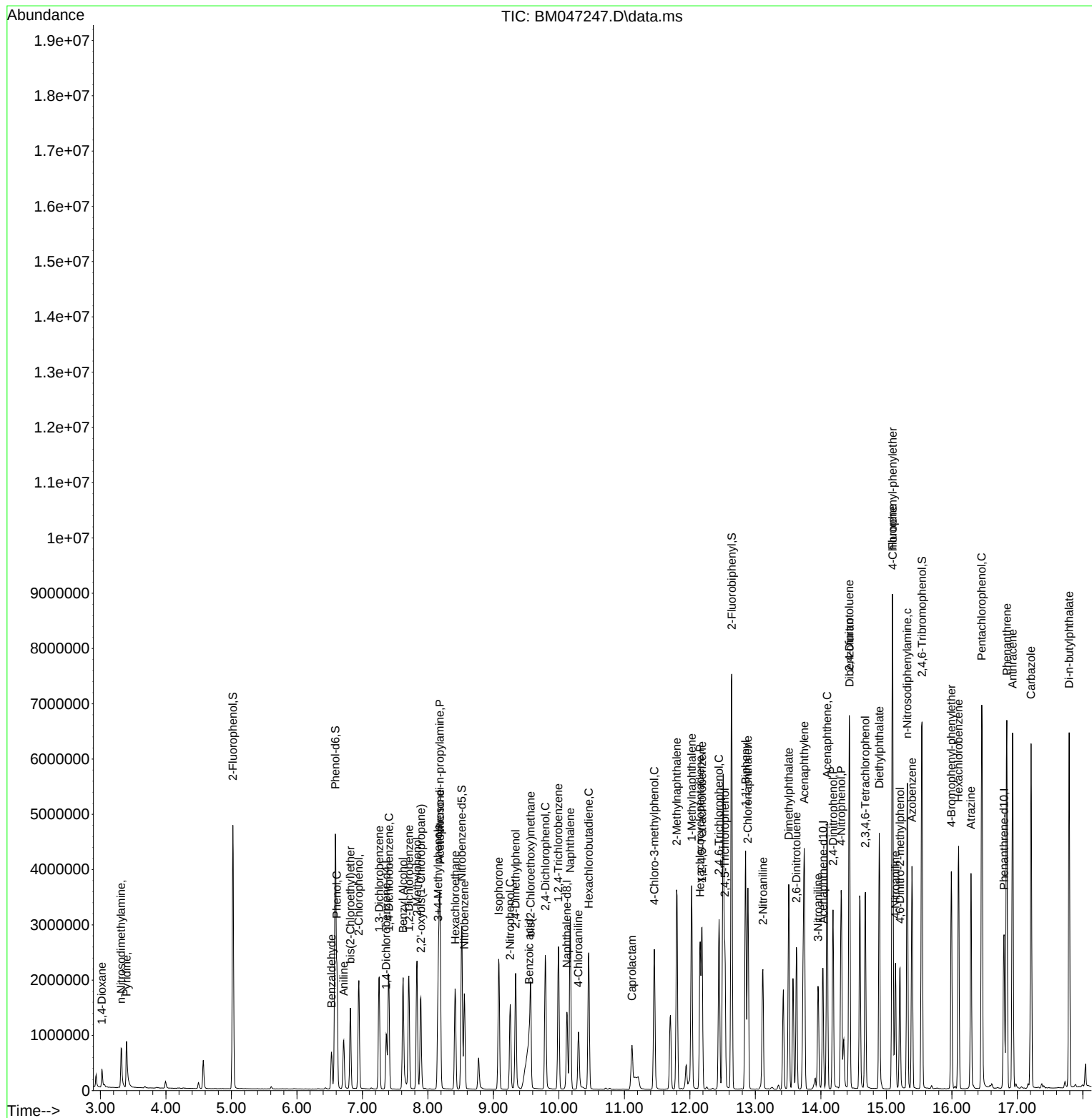
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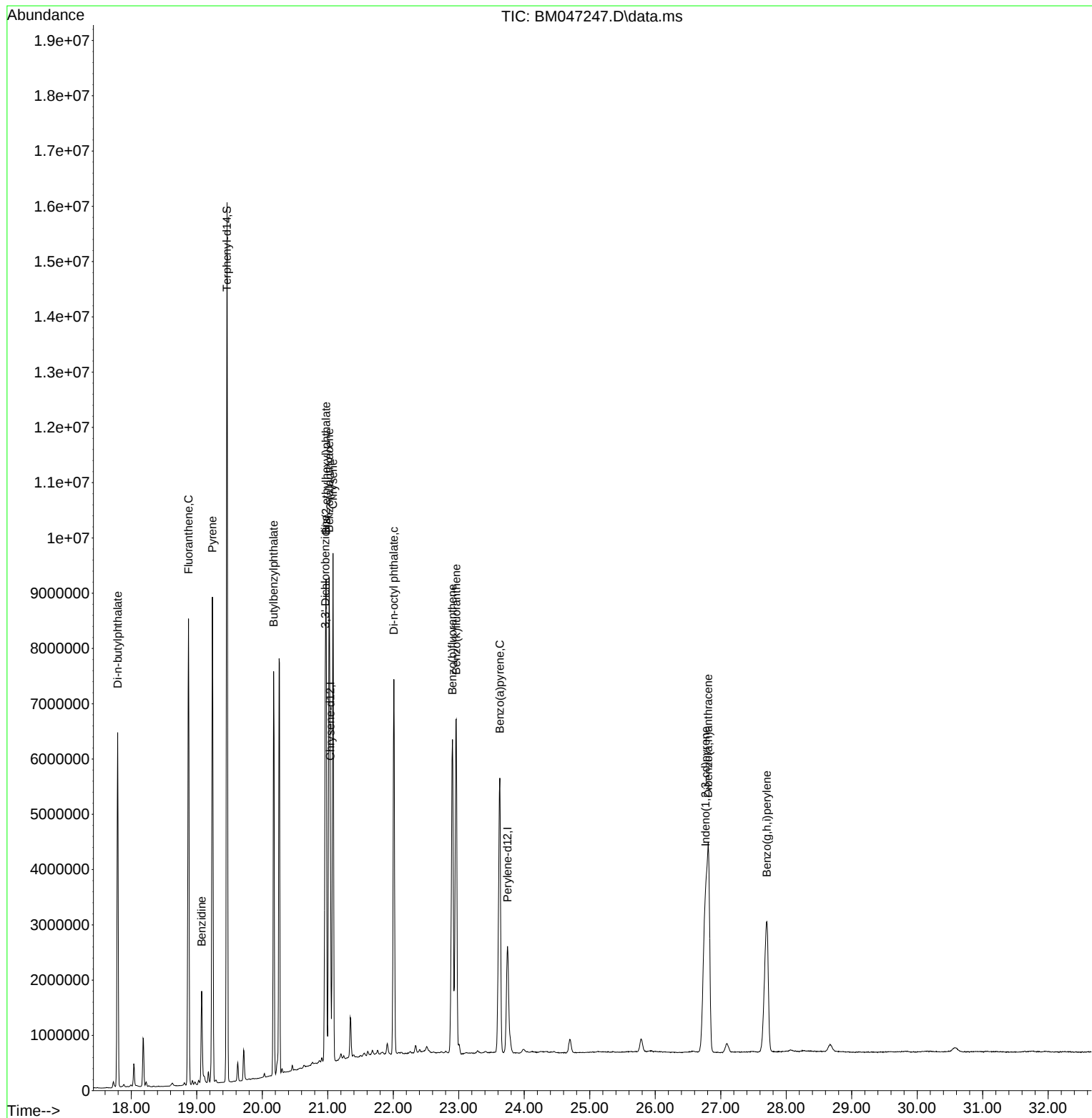
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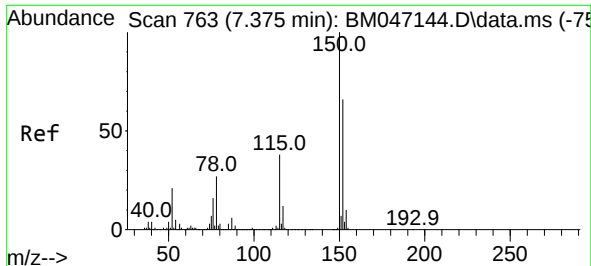
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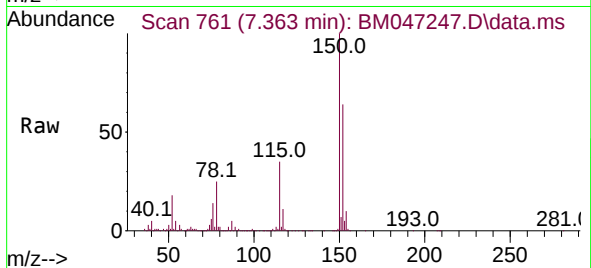
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 70
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

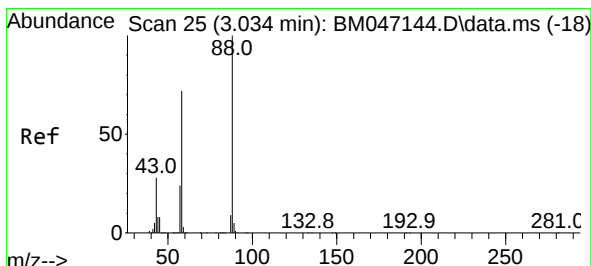
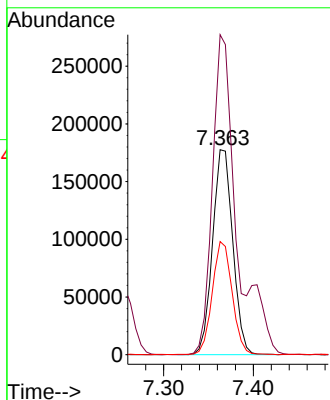
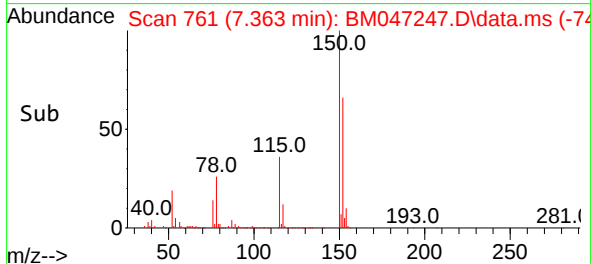
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 277750
Ion Ratio Lower Upper
152 100
150 156.1 120.5 180.7
115 55.2 45.5 68.3

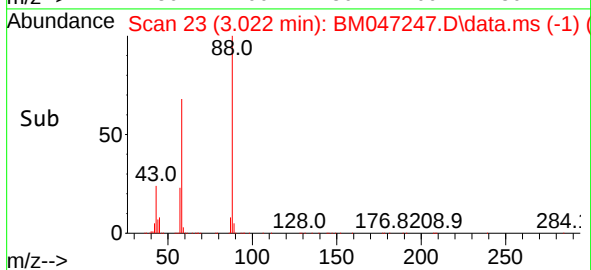
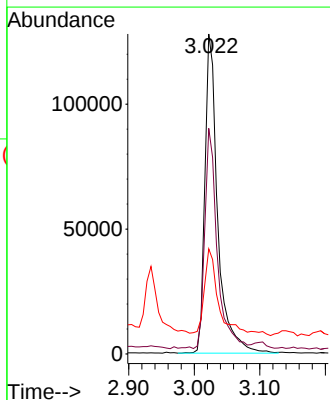
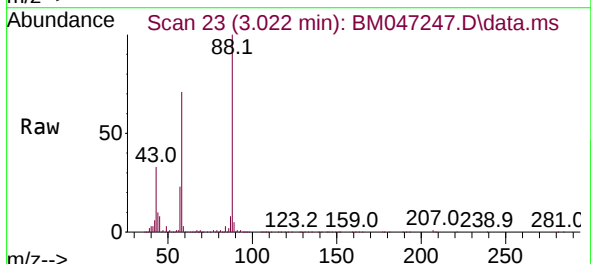
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#2
1,4-Dioxane
Concen: 27.074 ng
RT: 3.022 min Scan# 23
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

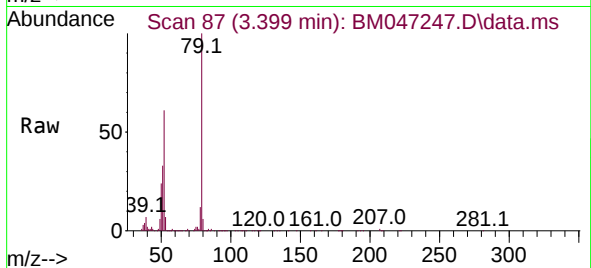
Tgt Ion: 88 Resp: 174375
Ion Ratio Lower Upper
88 100
58 66.7 58.2 87.4
43 31.1 22.5 33.7





#3
Pyridine
Concen: 27.075 ng
RT: 3.399 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

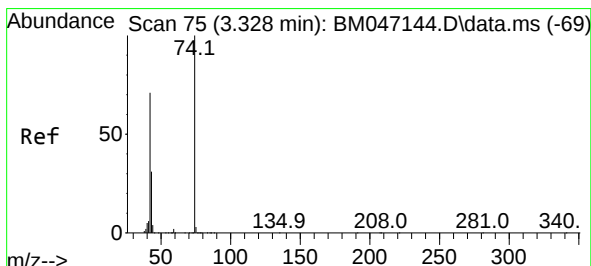
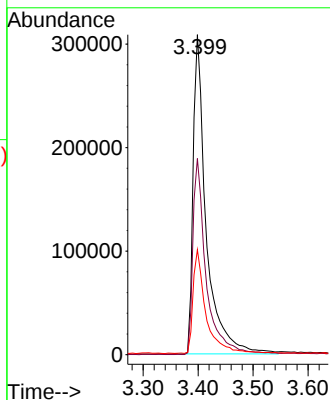
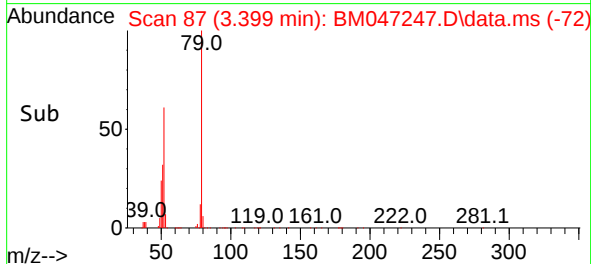
Instrument :
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ClientSampleId :
PB162722BS



Tgt Ion: 79 Resp: 511358
Ion Ratio Lower Upper
79 100
52 61.3 51.2 76.8
51 32.8 26.1 39.1

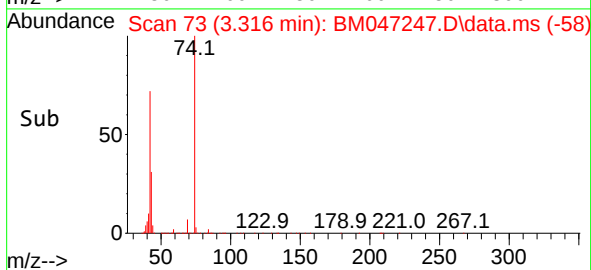
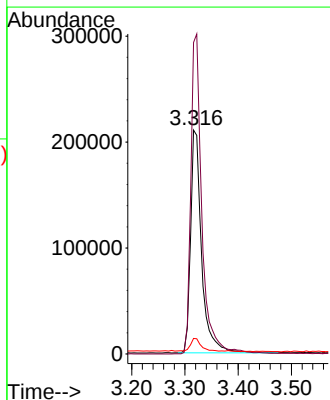
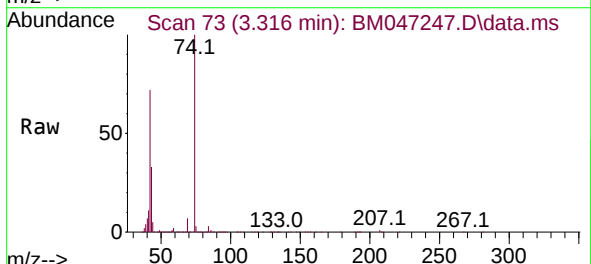
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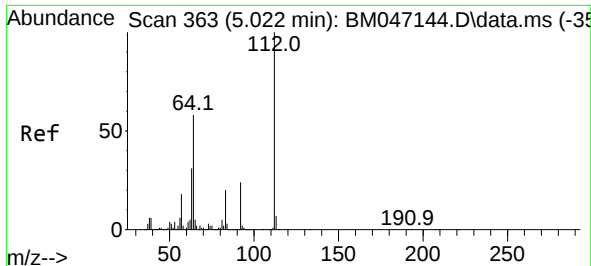
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#4
n-Nitrosodimethylamine
Concen: 36.672 ng
RT: 3.316 min Scan# 73
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

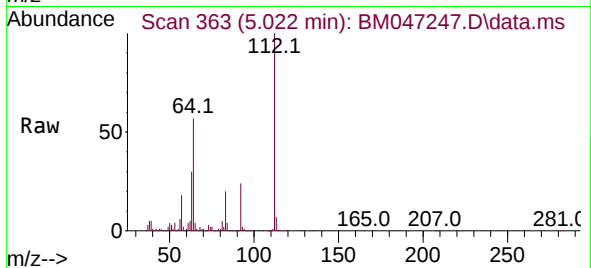
Tgt Ion: 42 Resp: 302594
Ion Ratio Lower Upper
42 100
74 139.2 112.9 169.3
44 7.0 5.3 7.9





#5
2-Fluorophenol
Concen: 129.882 ng
RT: 5.022 min Scan# 363
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

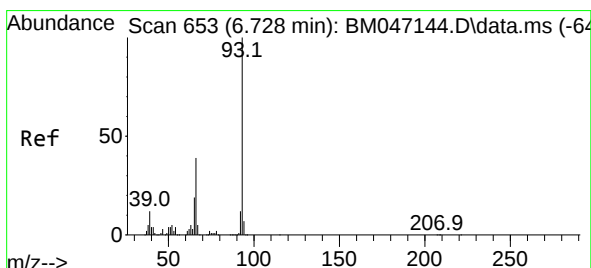
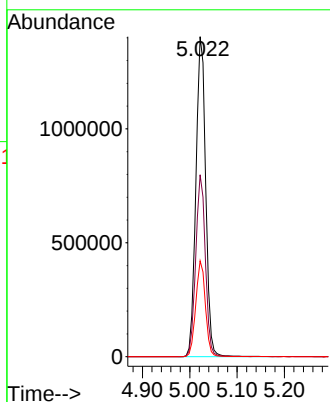
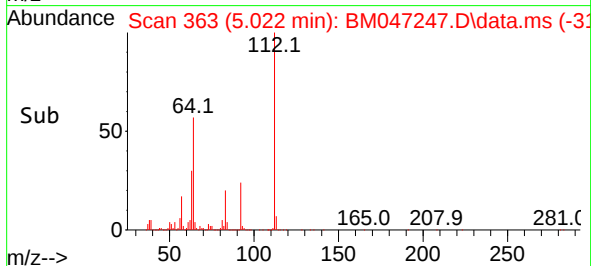
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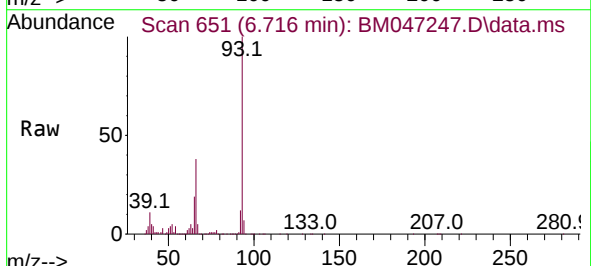
Tgt Ion: 112 Resp: 2018950
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 29.9 24.8 37.2

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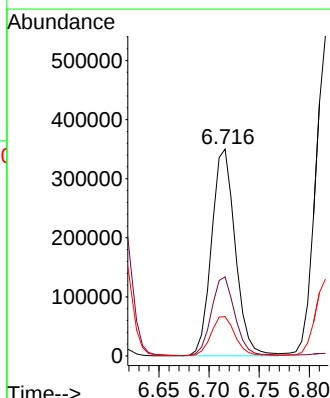
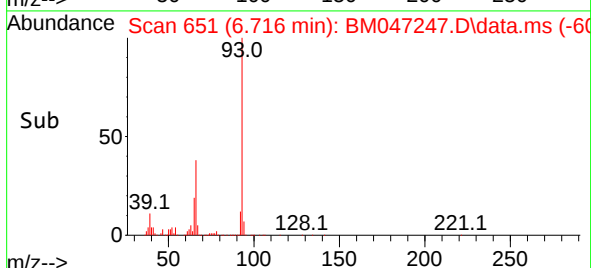
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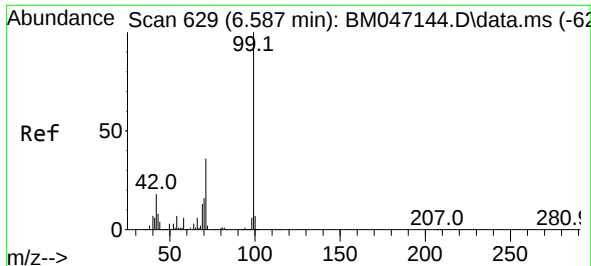


#6
Aniline
Concen: 28.389 ng
RT: 6.716 min Scan# 651
Delta R.T. -0.012 min
Lab File: BM047247.D
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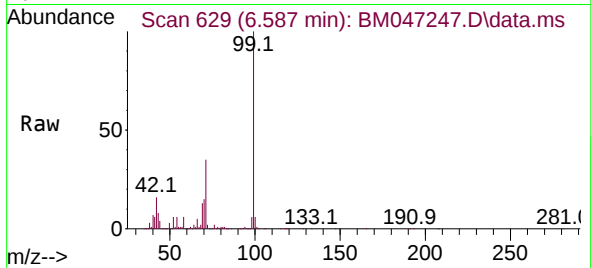
Tgt Ion: 93 Resp: 574735
Ion Ratio Lower Upper
93 100
66 38.2 31.4 47.2
65 19.0 15.6 23.4





#7
Phenol-d6
Concen: 125.920 ng
RT: 6.587 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

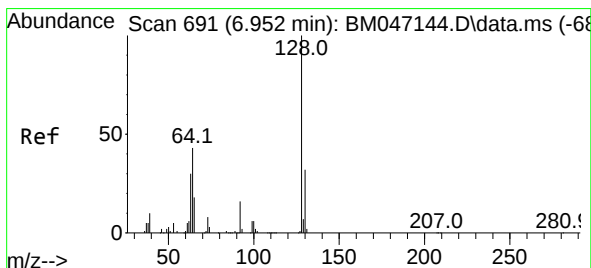
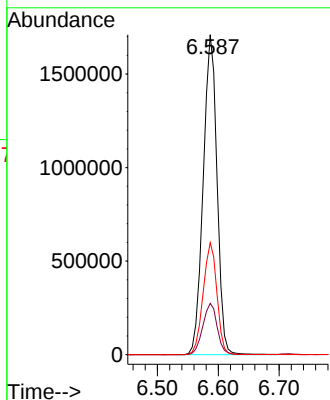
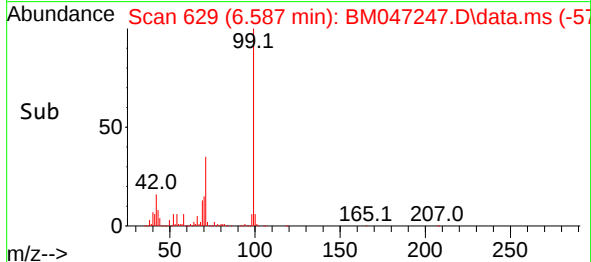
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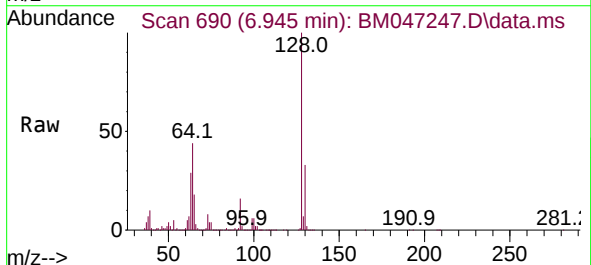
Tgt Ion: 99 Resp: 2697080
Ion Ratio Lower Upper
99 100
42 16.0 14.1 21.1
71 35.0 28.5 42.7

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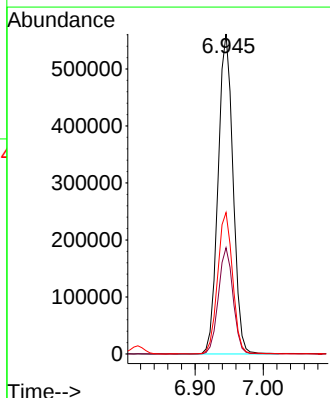
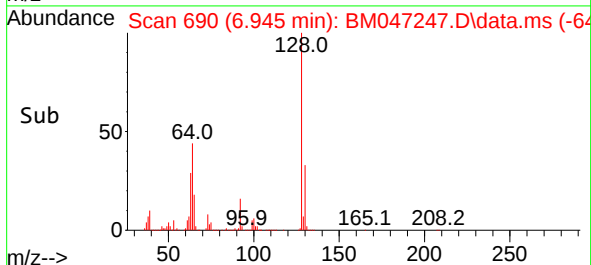
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#8
2-Chlorophenol
Concen: 50.553 ng
RT: 6.945 min Scan# 690
Delta R.T. -0.006 min
Lab File: BM047247.D
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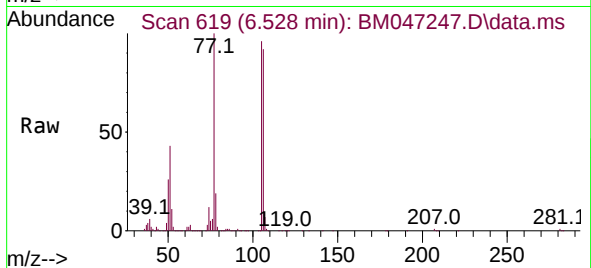
Tgt Ion:128 Resp: 857074
Ion Ratio Lower Upper
128 100
130 33.2 12.1 52.1
64 44.2 26.6 66.6





#9
Benzaldehyde
Concen: 16.239 ng
RT: 6.528 min Scan# 619
Delta R.T. -0.012 min
Lab File: BM047247.D
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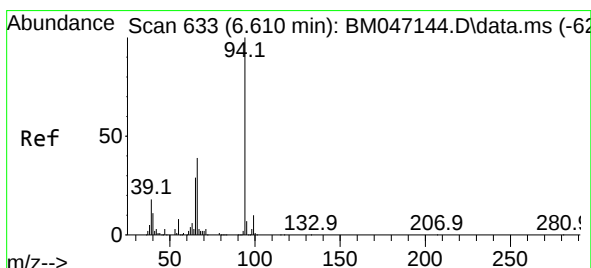
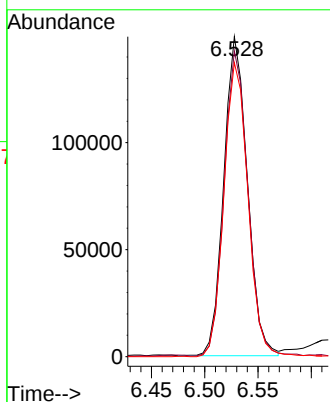
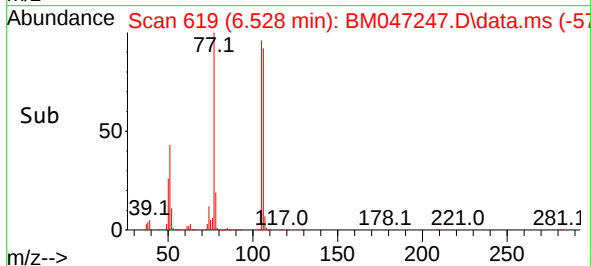
Instrument :
BNA_M
ClientSampleId :
PB162722BS



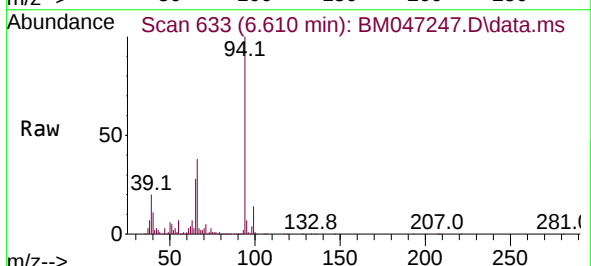
Tgt Ion: 77 Resp: 229489
Ion Ratio Lower Upper
77 100
105 95.5 74.5 114.5
106 91.9 72.3 112.3

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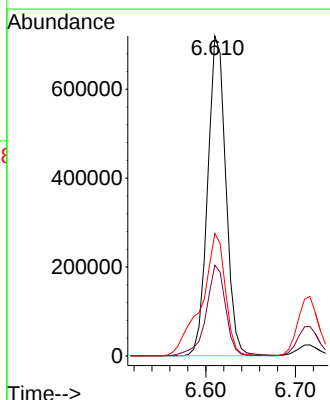
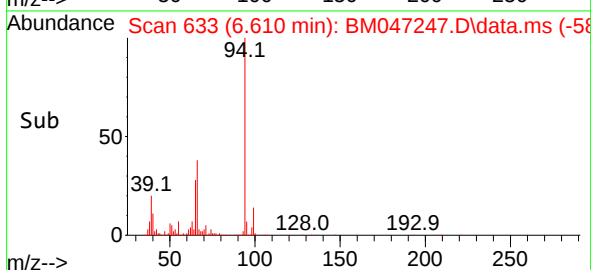
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 47.265 ng
RT: 6.610 min Scan# 633
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



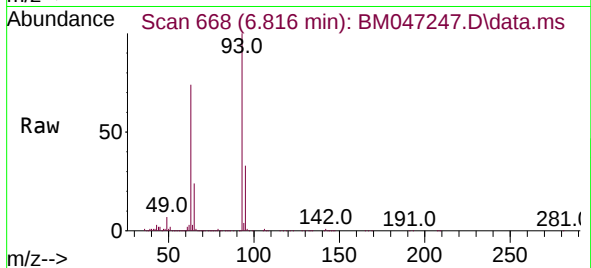
Tgt Ion: 94 Resp: 1010163
Ion Ratio Lower Upper
94 100
65 28.4 9.0 49.0
66 38.3 18.9 58.9





#11
bis(2-Chloroethyl)ether
Concen: 42.777 ng
RT: 6.816 min Scan# 60
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

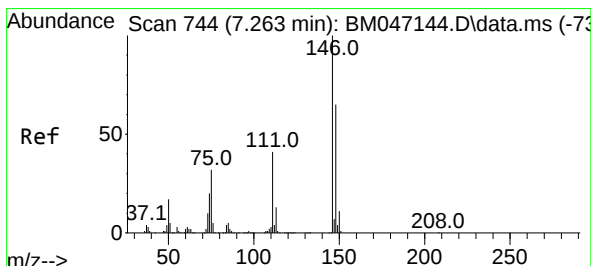
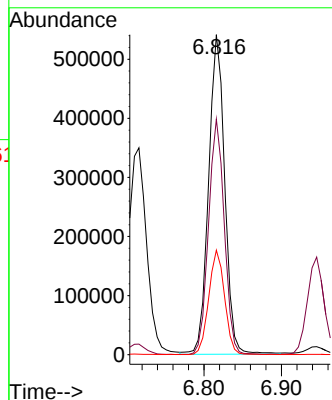
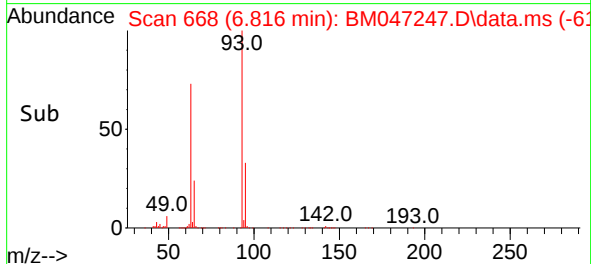
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion: 93 Resp: 78293
Ion Ratio Lower Upper
93 100
63 73.6 55.8 95.8
95 32.7 12.7 52.7

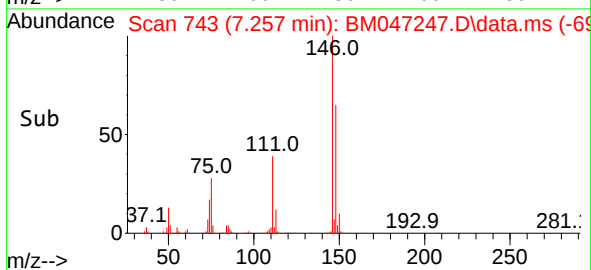
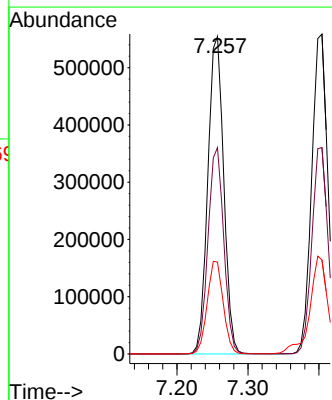
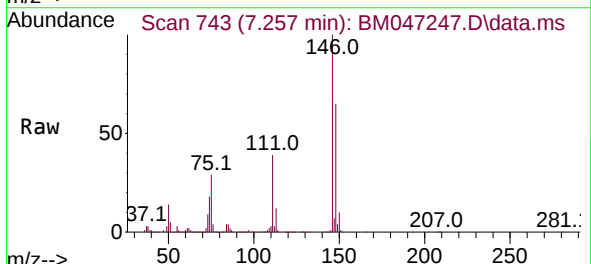
Manual Integrations
APPROVED

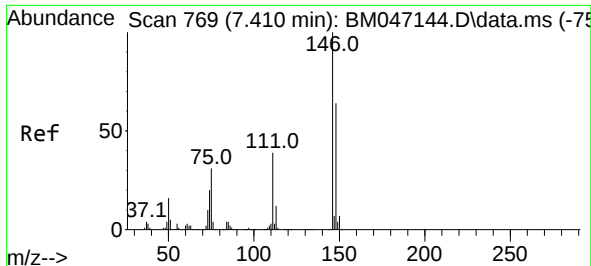
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 42.791 ng
RT: 7.257 min Scan# 743
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

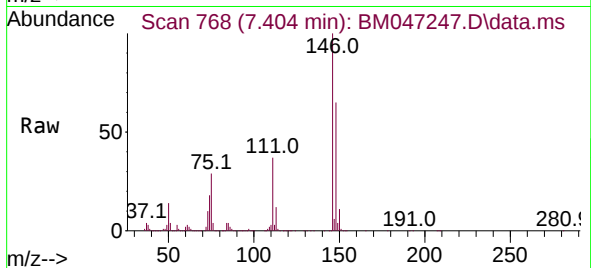
Tgt Ion:146 Resp: 862091
Ion Ratio Lower Upper
146 100
148 65.0 52.3 78.5
75 28.9 25.8 38.6





#13
1,4-Dichlorobenzene
Concen: 43.070 ng
RT: 7.404 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

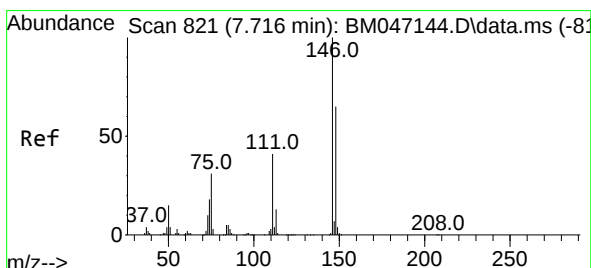
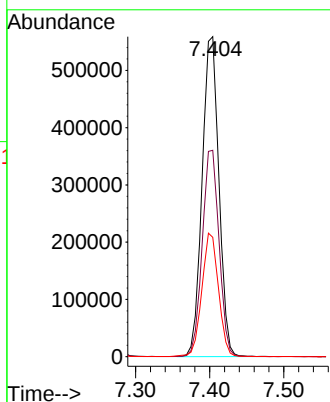
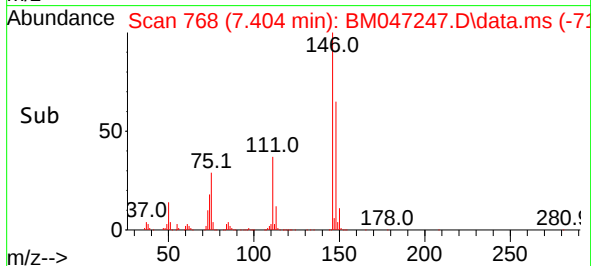
Instrument :
BNA_M
ClientSampleId :
PB162722BS



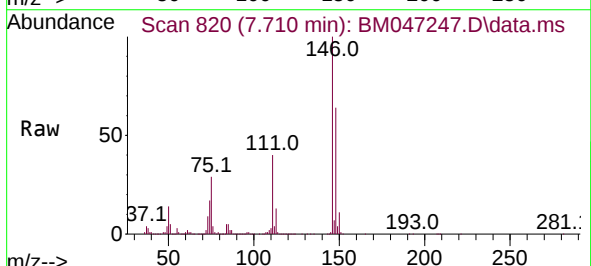
Tgt Ion:146 Resp: 87854
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.2
111 37.3 31.5 47.3

Manual Integrations
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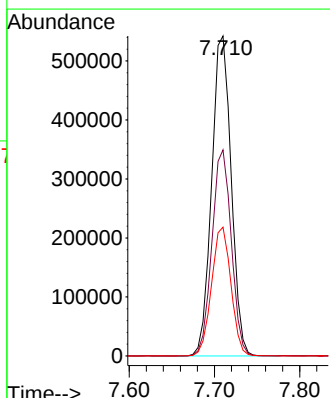
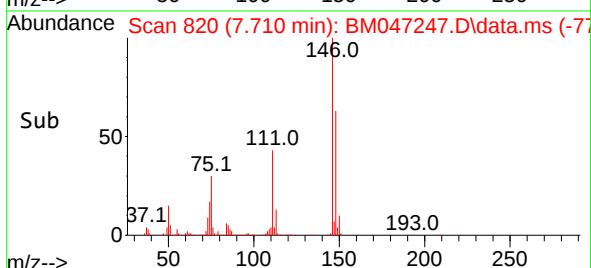
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

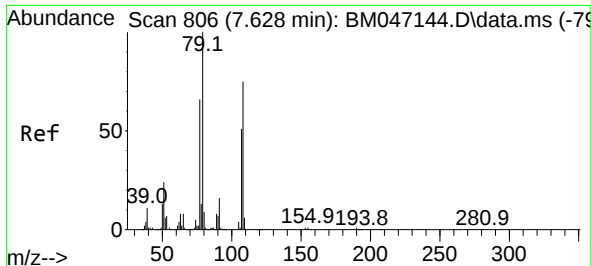


#14
1,2-Dichlorobenzene
Concen: 44.920 ng
RT: 7.710 min Scan# 820
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



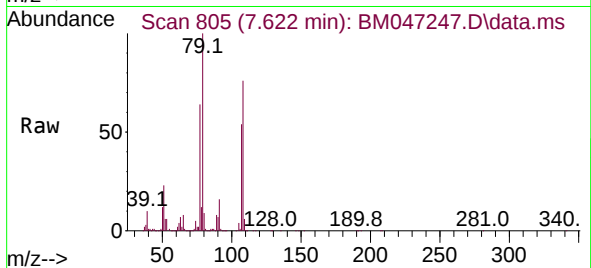
Tgt Ion:146 Resp: 864556
Ion Ratio Lower Upper
146 100
148 64.4 51.8 77.8
111 40.3 33.3 49.9





#15
Benzyl Alcohol
Concen: 50.455 ng
RT: 7.622 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

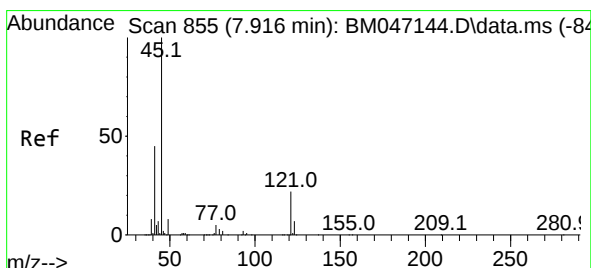
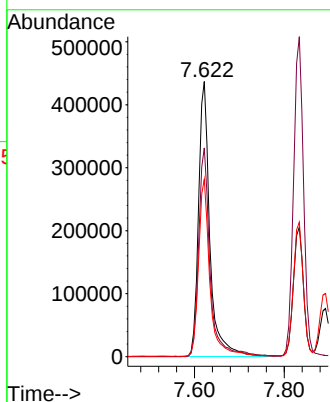
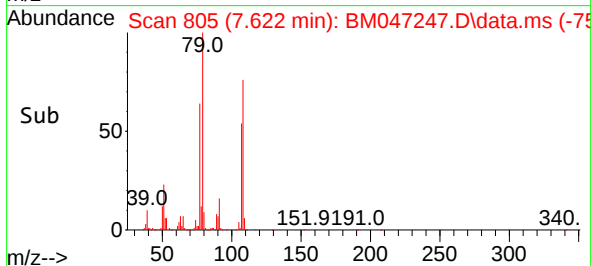
Instrument :
BNA_M
Client Sample Id :
PB162722BS



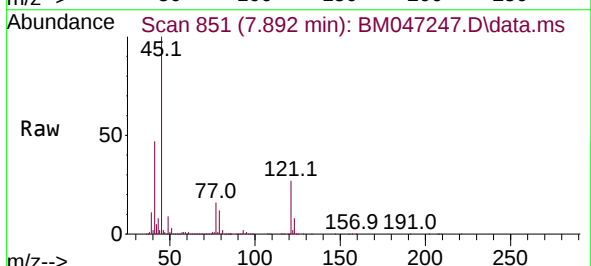
Tgt Ion: 79 Resp: 76913
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 64.5 52.9 79.3

Manual Integrations
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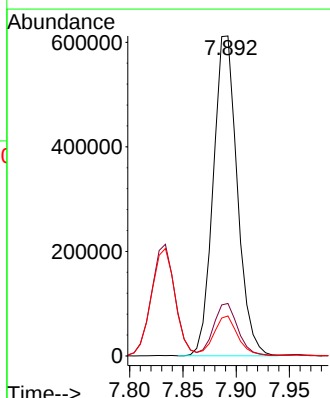
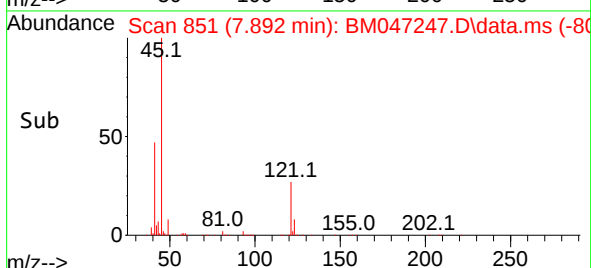
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

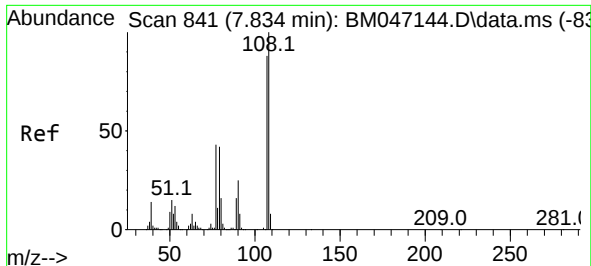


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.953 ng
RT: 7.892 min Scan# 851
Delta R.T. -0.024 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion: 45 Resp: 961825
Ion Ratio Lower Upper
45 100
77 16.4 0.0 35.6
79 12.5 0.0 32.4





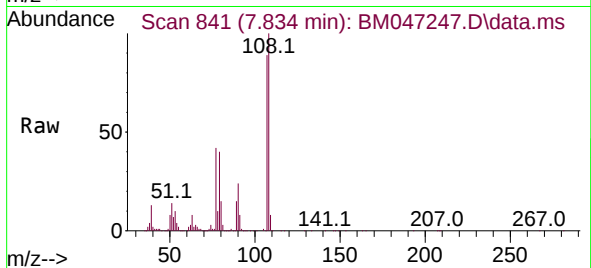
#17
2-Methylphenol
Concen: 48.678 ng
RT: 7.834 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

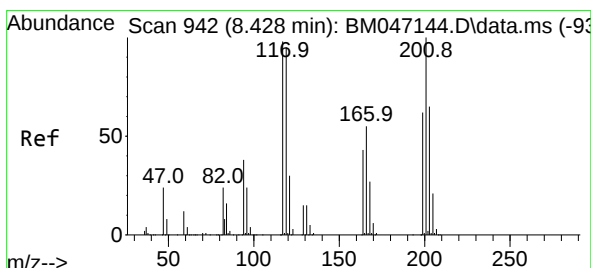
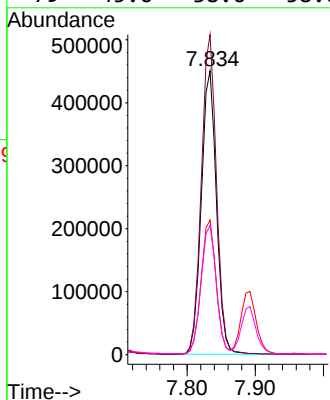
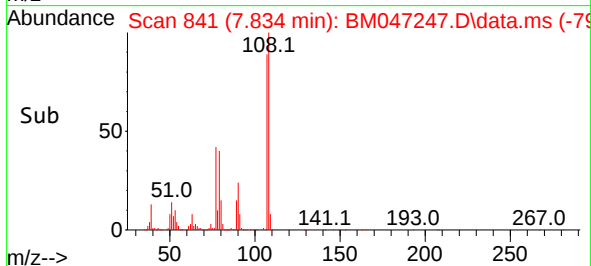


Tgt Ion:107 Resp: 694069
Ion Ratio Lower Upper
107 100
108 112.8 90.6 135.8
77 47.4 39.3 58.9
79 45.6 38.6 58.0

Manual Integrations

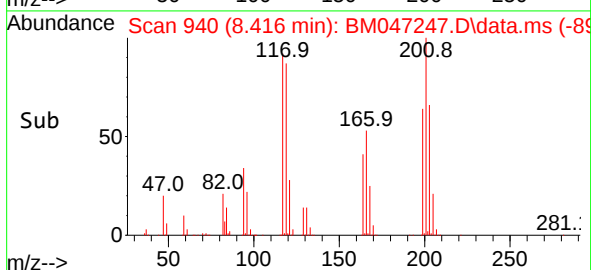
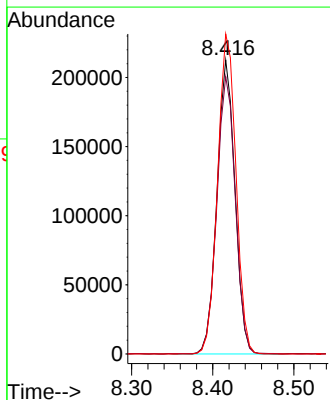
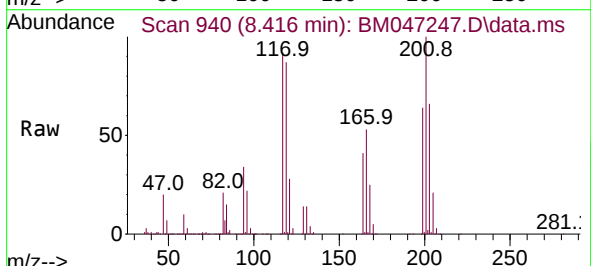
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 41.579 ng
RT: 8.416 min Scan# 940
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:117 Resp: 328533
Ion Ratio Lower Upper
117 100
119 94.4 77.0 115.4
201 108.9 81.3 121.9





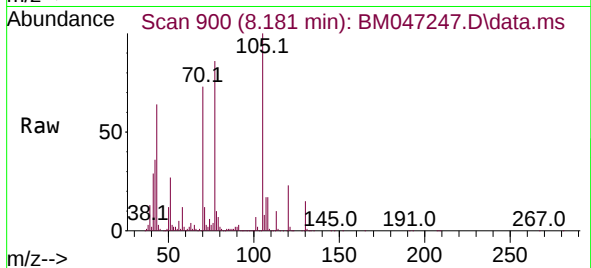
#19
n-Nitroso-di-n-propylamine
Concen: 41.546 ng
RT: 8.181 min Scan# 901
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

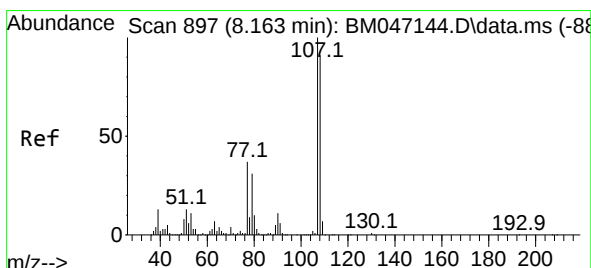
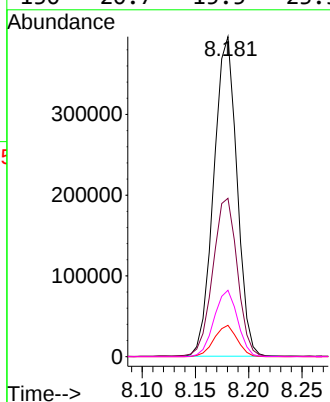
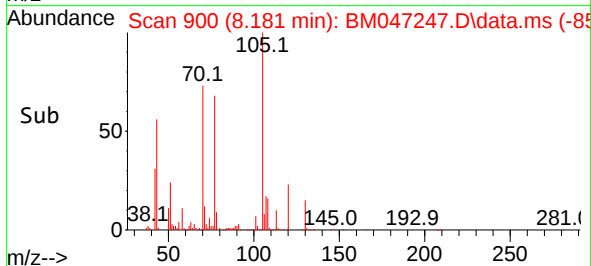


Tgt Ion: 70 Resp: 599402
Ion Ratio Lower Upper
70 100
42 49.5 42.0 63.0
101 9.8 7.2 10.8
130 20.7 15.5 23.3

Manual Integrations

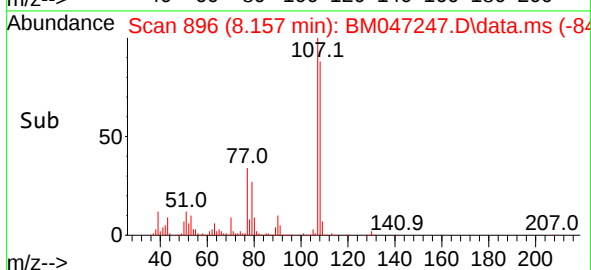
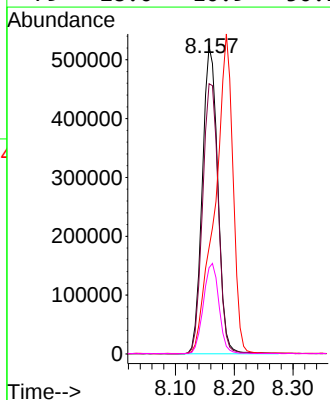
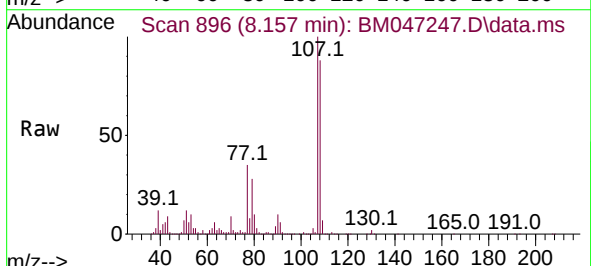
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#20
3+4-Methylphenols
Concen: 48.050 ng
RT: 8.157 min Scan# 896
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:107 Resp: 957813
Ion Ratio Lower Upper
107 100
108 87.8 70.7 110.7
77 34.6 17.4 57.4
79 28.0 10.9 50.9





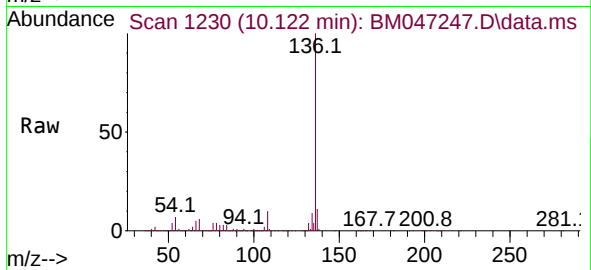
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

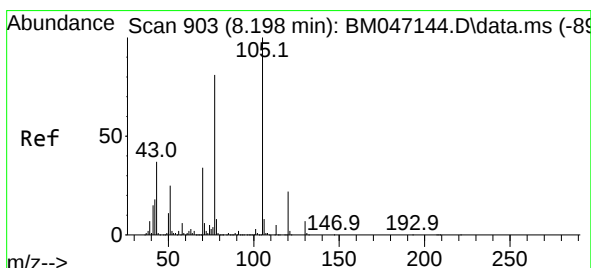
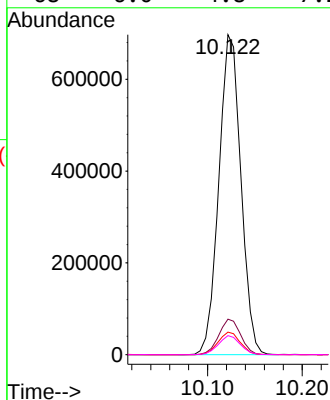
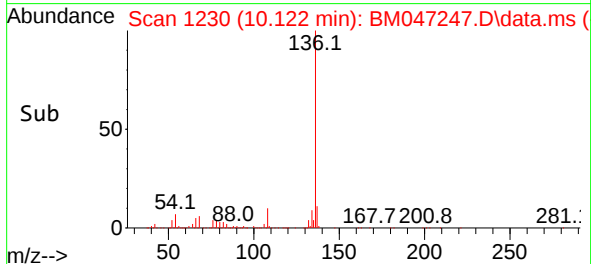


Tgt Ion:136 Resp: 1128092
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.0 6.0 9.0
68 6.0 4.8 7.2

Manual Integrations

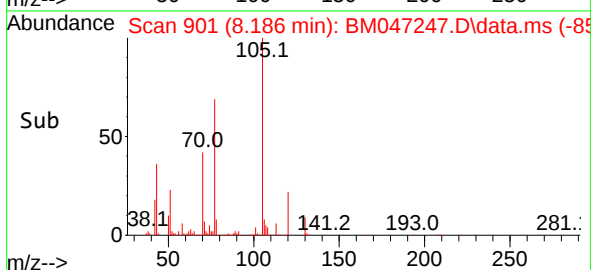
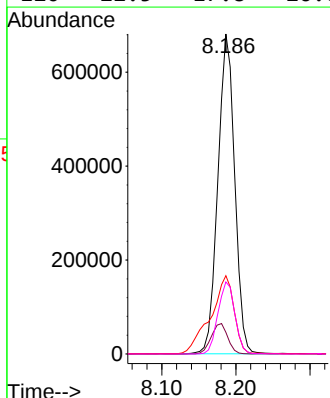
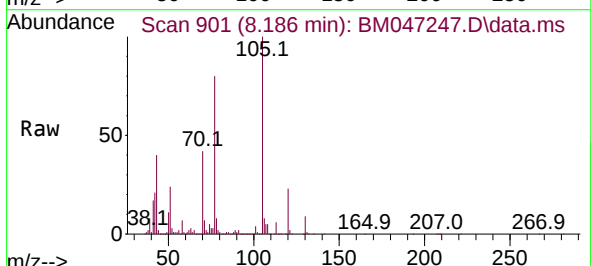
APPROVED

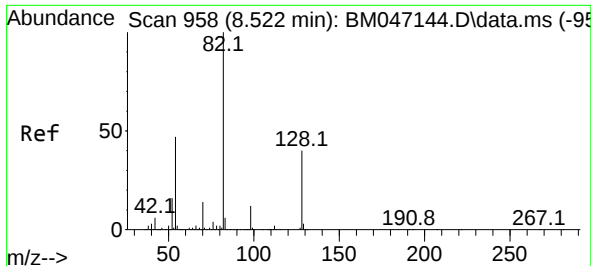
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#22
Acetophenone
Concen: 39.483 ng
RT: 8.186 min Scan# 901
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:105 Resp: 1075144
Ion Ratio Lower Upper
105 100
71 6.8 4.5 6.7#
51 24.5 20.1 30.1
120 22.5 17.8 26.6





#23
Nitrobenzene-d5
Concen: 77.983 ng
RT: 8.516 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

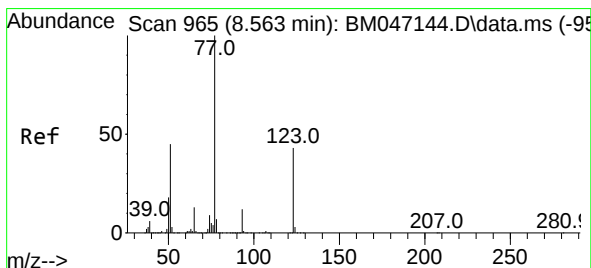
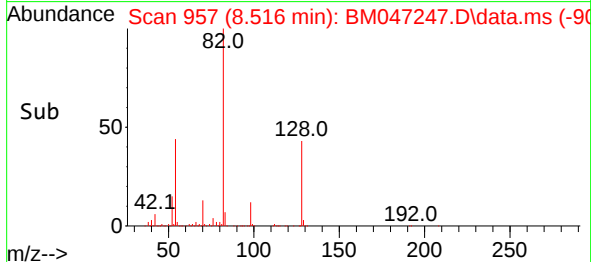
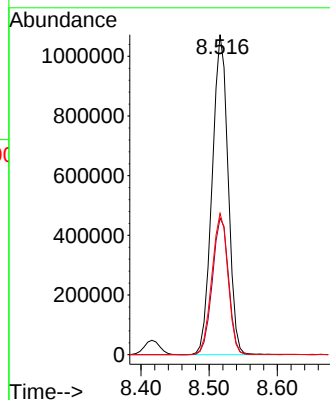
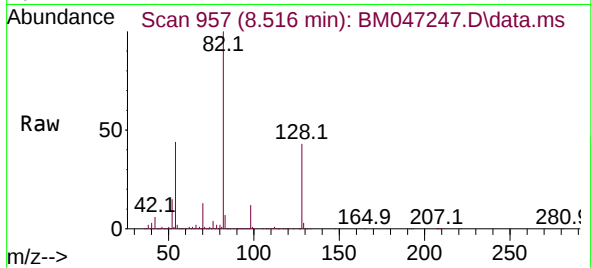
ClientSampleId :

PB162722BS

Tgt Ion: 82 Resp: 174710
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 44.2 37.4 56.2

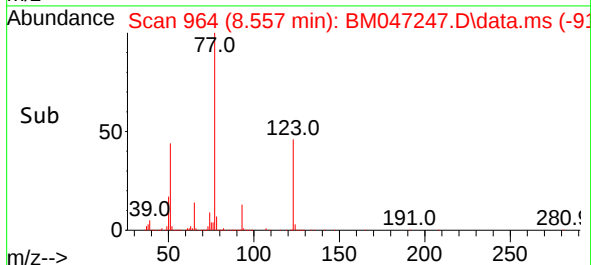
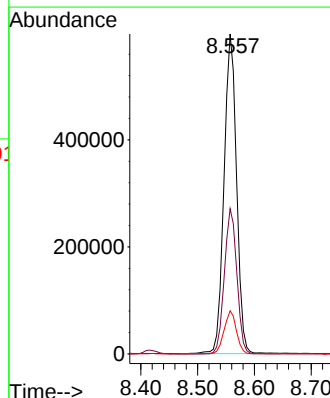
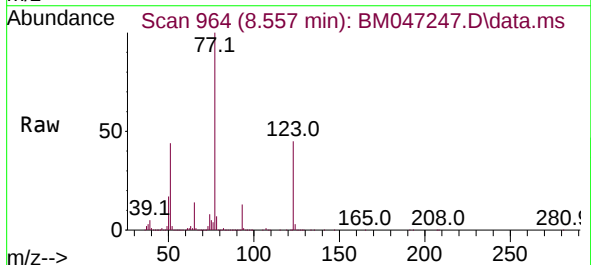
Manual Integrations
APPROVED

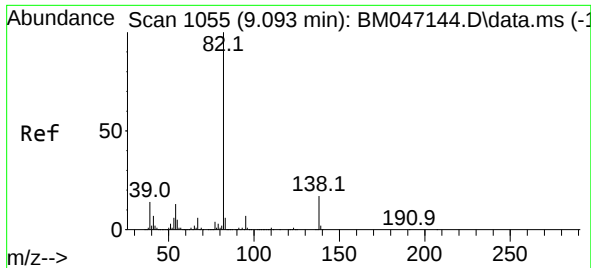
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 40.767 ng
RT: 8.557 min Scan# 964
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

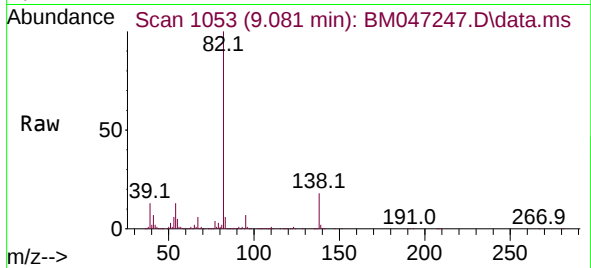
Tgt Ion: 77 Resp: 919665
Ion Ratio Lower Upper
77 100
123 45.4 34.0 51.0
65 13.5 10.5 15.7





#25
Isophorone
Concen: 44.679 ng
RT: 9.081 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

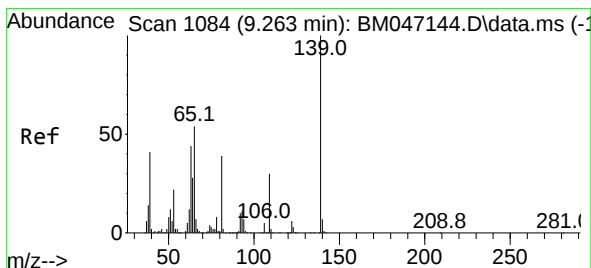
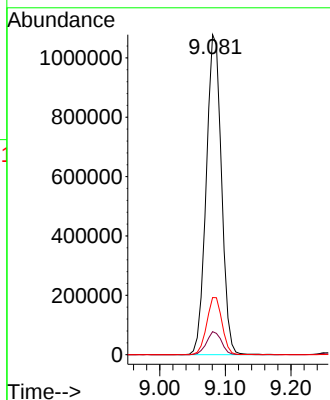
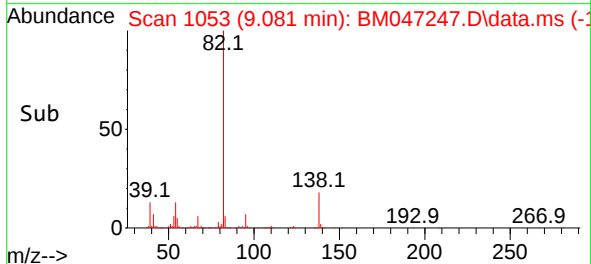
Instrument :
BNA_M
ClientSampleId :
PB162722BS



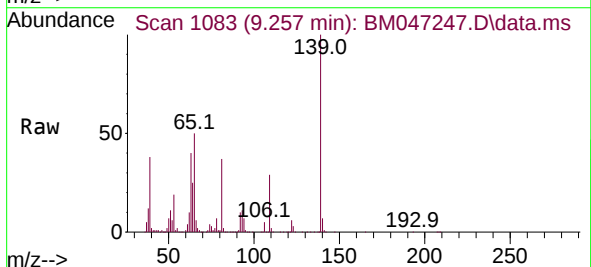
Tgt Ion: 82 Resp: 174284
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 17.9 13.5 20.3

Manual Integrations
APPROVED

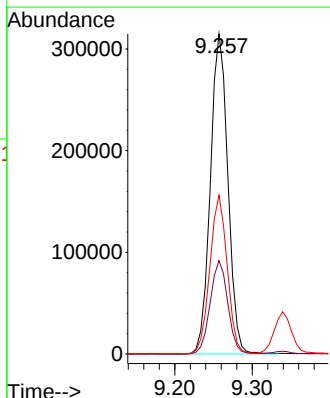
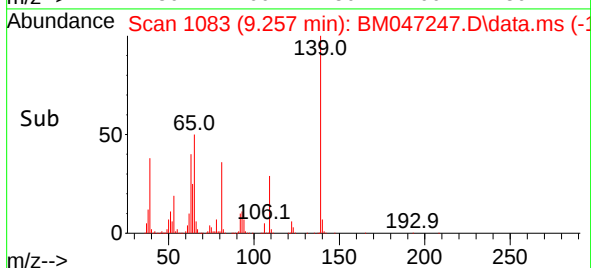
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

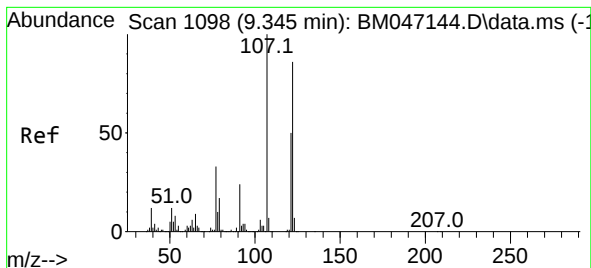


#26
2-Nitrophenol
Concen: 49.425 ng
RT: 9.257 min Scan# 1083
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:139 Resp: 493792
Ion Ratio Lower Upper
139 100
109 29.2 24.4 36.6
65 49.6 43.0 64.6





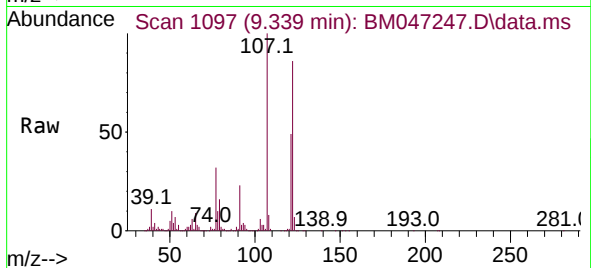
#27
2,4-Dimethylphenol
Concen: 54.318 ng
RT: 9.339 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

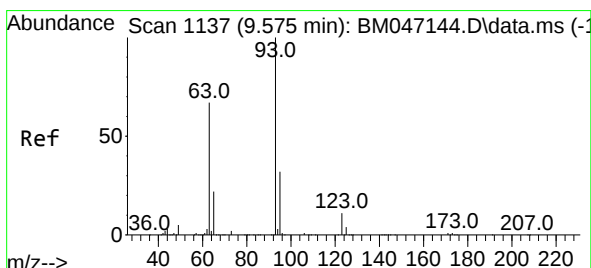
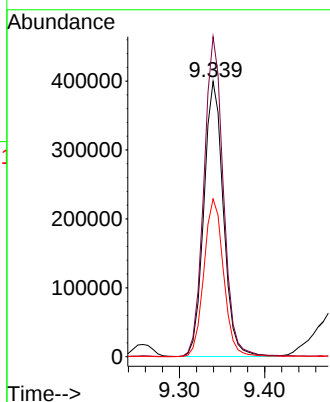
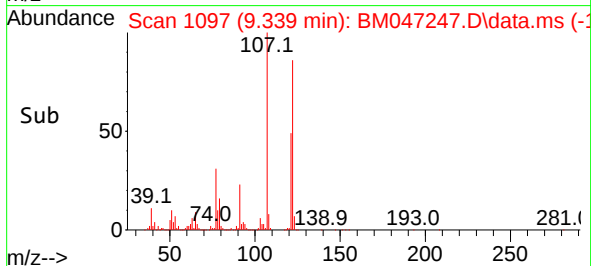


Tgt Ion:122 Resp: 63568
Ion Ratio Lower Upper
122 100
107 116.3 92.8 139.2
121 57.3 46.1 69.1

Manual Integrations

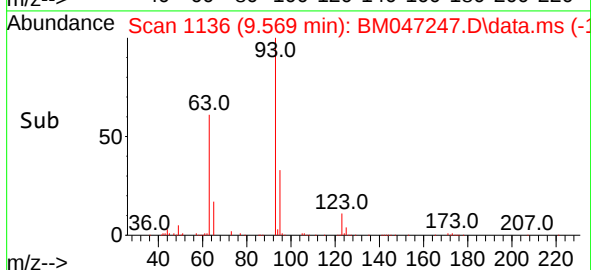
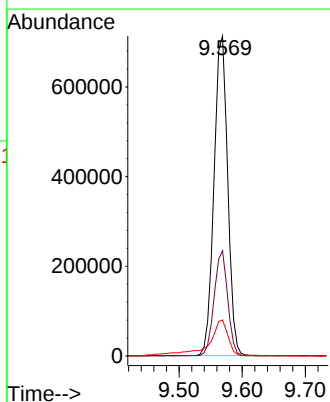
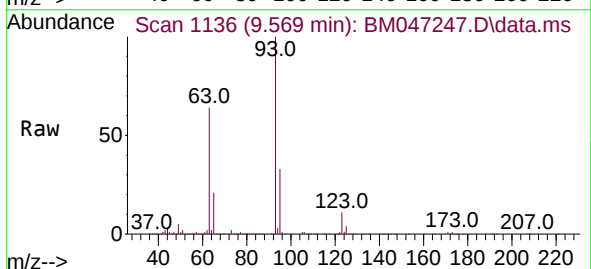
APPROVED

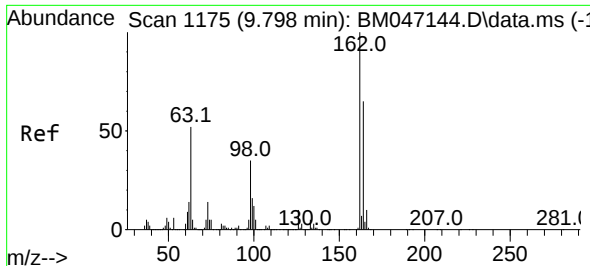
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.689 ng
RT: 9.569 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 93 Resp: 1072334
Ion Ratio Lower Upper
93 100
95 32.9 25.8 38.8
123 11.2 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 52.959 ng

RT: 9.792 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BM047247.D

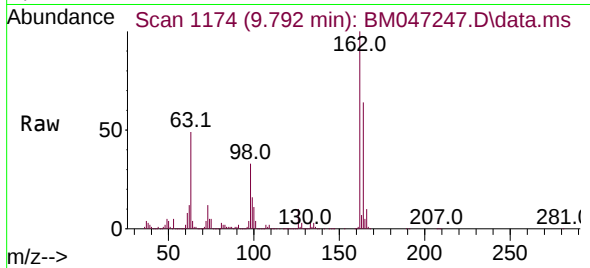
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS



Tgt Ion:162 Resp: 91960

Ion Ratio Lower Upper

162 100

164 63.6 44.7 84.7

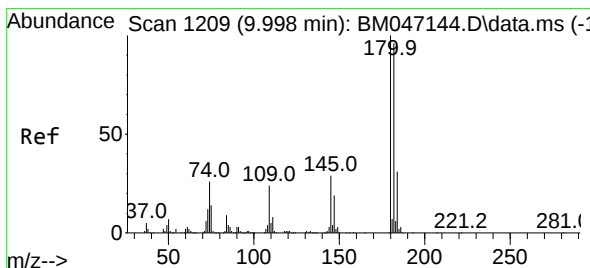
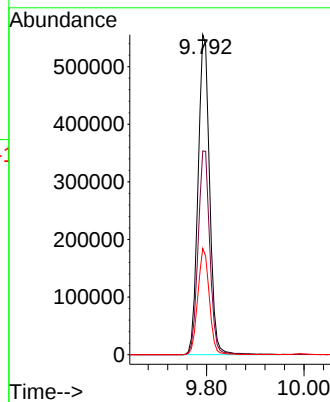
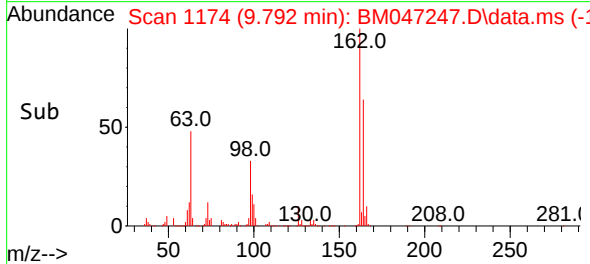
98 33.2 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.029 ng

RT: 9.992 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

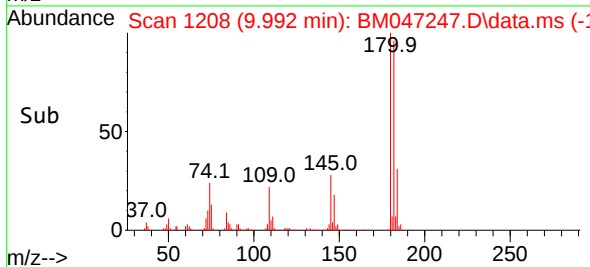
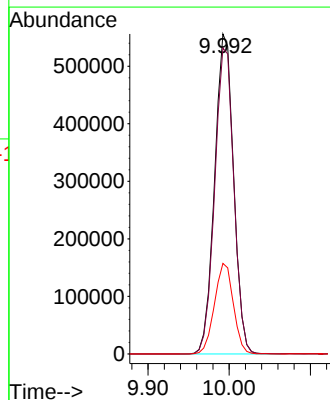
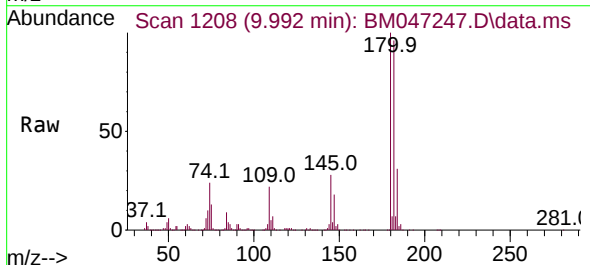
Tgt Ion:180 Resp: 904506

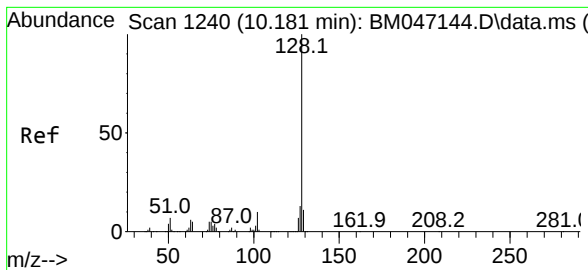
Ion Ratio Lower Upper

180 100

182 95.5 76.6 115.0

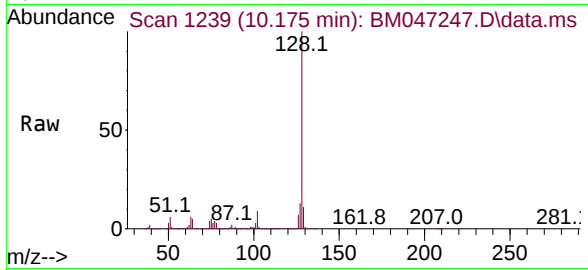
145 28.3 23.4 35.2





#31
Naphthalene
Concen: 43.501 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

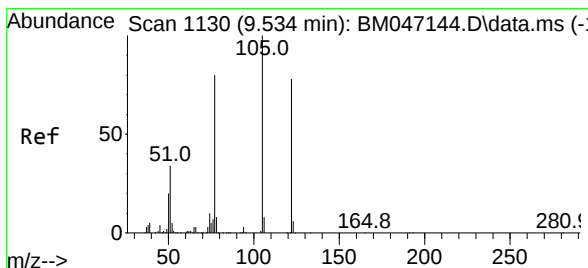
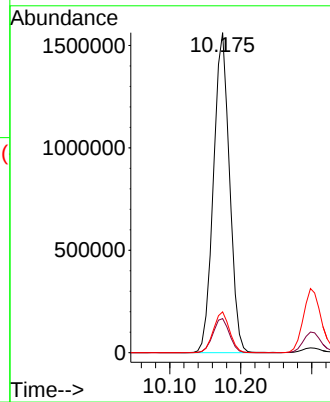
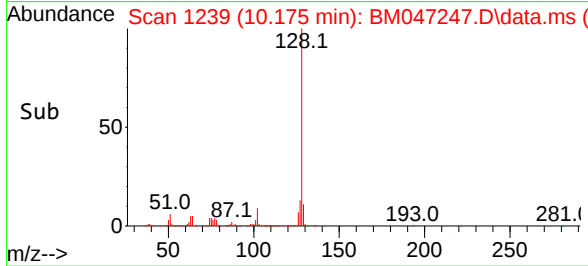
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:128 Resp: 244466
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 12.8 10.2 15.4

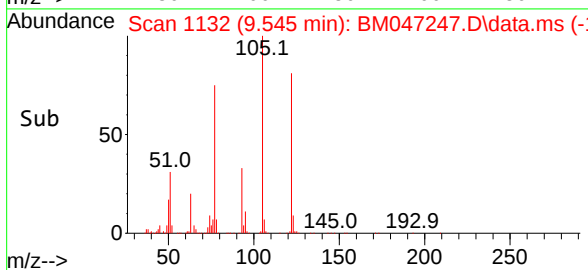
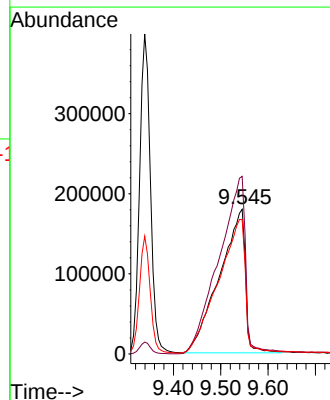
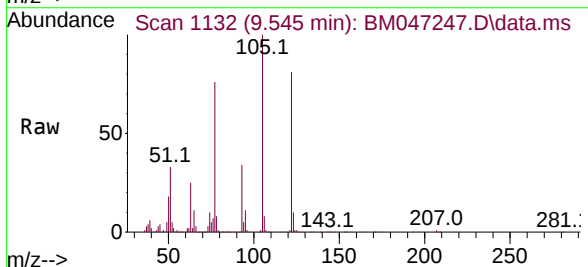
Manual Integrations
APPROVED

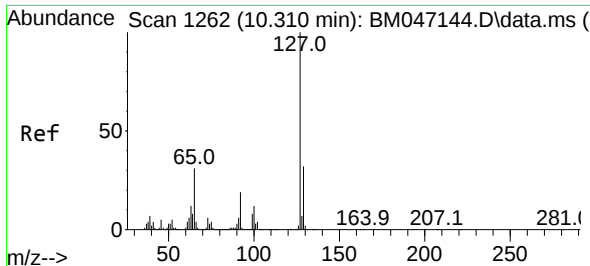
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 50.347 ng
RT: 9.545 min Scan# 1132
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:122 Resp: 684543
Ion Ratio Lower Upper
122 100
105 122.7 107.1 147.1
77 92.9 82.1 122.1





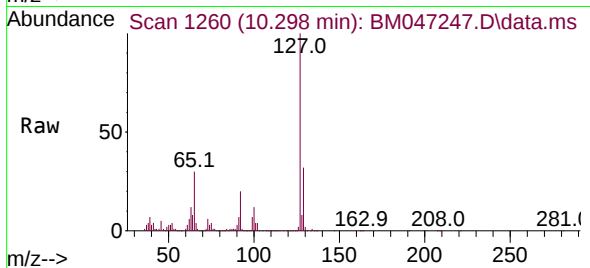
#33
4-Chloroaniline
Concen: 26.663 ng
RT: 10.298 min Scan# 1260
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

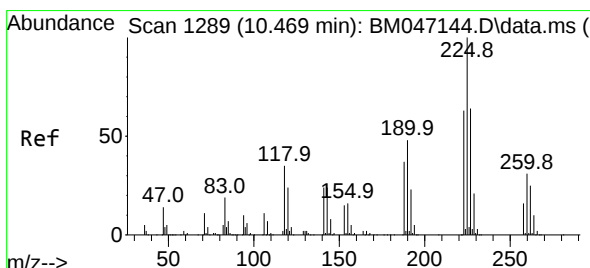
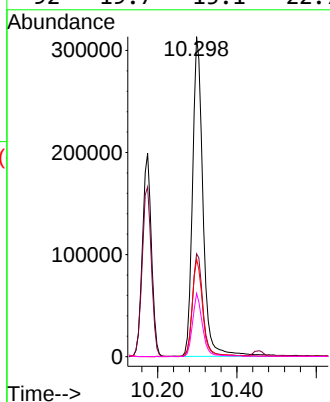
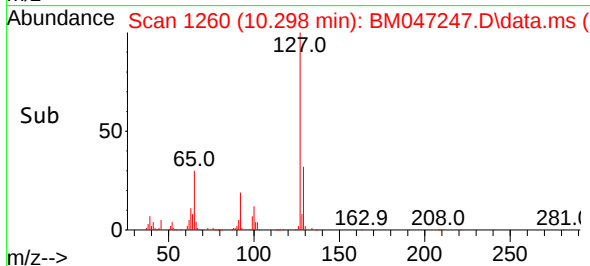


Tgt Ion:127 Resp: 576218
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 30.5 24.9 37.3
92 19.7 15.1 22.7

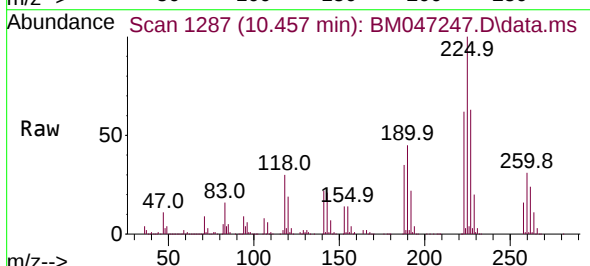
Manual Integrations

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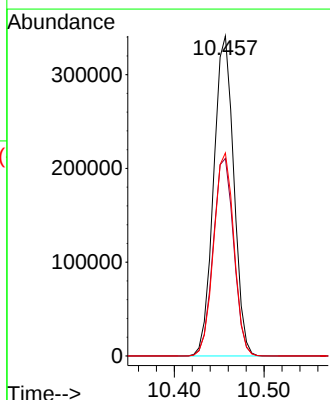
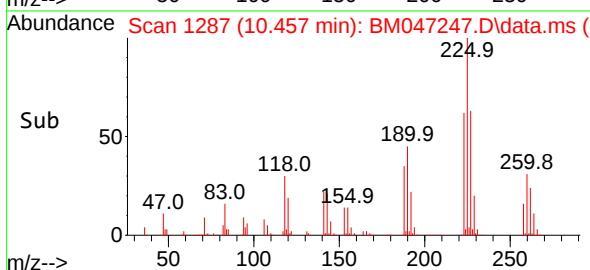
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

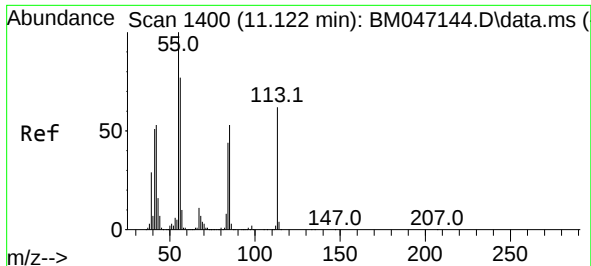


#34
Hexachlorobutadiene
Concen: 46.204 ng
RT: 10.457 min Scan# 1287
Delta R.T. -0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



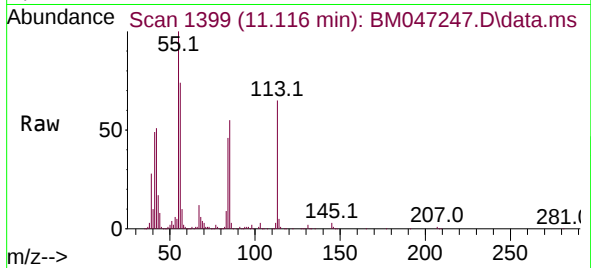
Tgt Ion:225 Resp: 531430
Ion Ratio Lower Upper
225 100
223 61.7 50.2 75.2
227 63.4 51.4 77.0





#35
Caprolactam
Concen: 39.767 ng m
RT: 11.116 min Scan# 1116
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

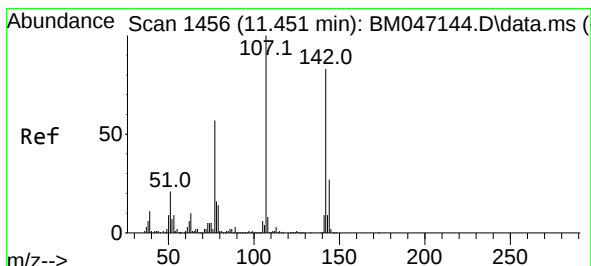
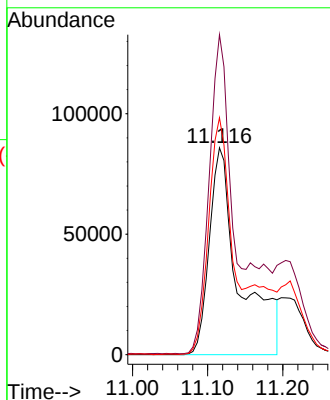
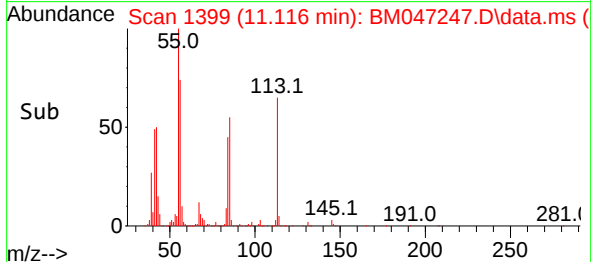
Instrument :
BNA_M
ClientSampleId :
PB162722BS



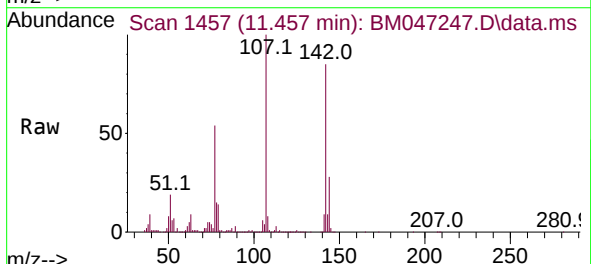
Tgt Ion:113 Resp: 239810
Ion Ratio Lower Upper
113 100
55 154.7 140.5 180.5
56 114.5 103.6 143.6

Manual Integrations
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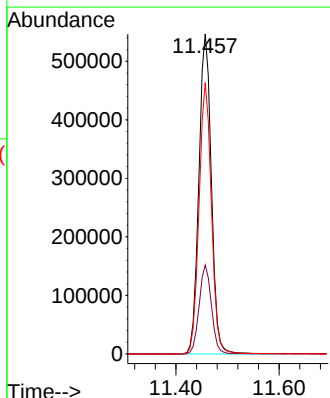
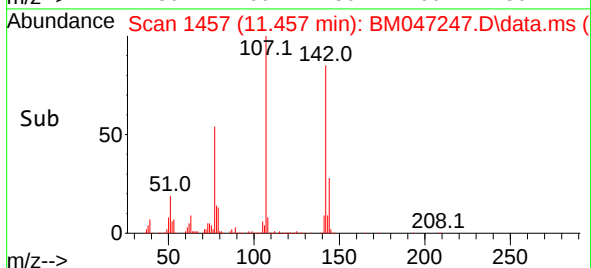
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#36
4-Chloro-3-methylphenol
Concen: 49.589 ng
RT: 11.457 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



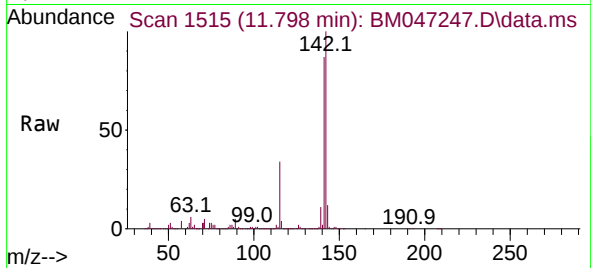
Tgt Ion:107 Resp: 917053
Ion Ratio Lower Upper
107 100
144 27.8 21.8 32.6
142 84.8 66.8 100.2





#37
2-Methylnaphthalene
Concen: 45.103 ng
RT: 11.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

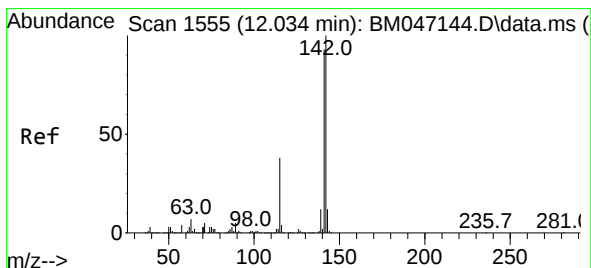
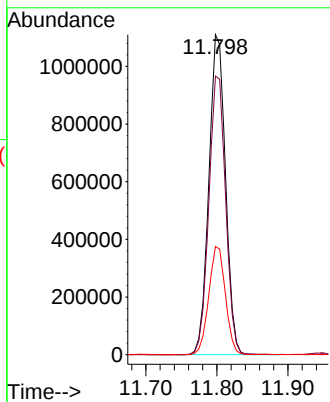
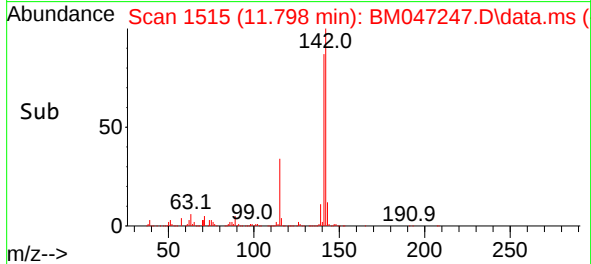
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:142 Resp: 1804704
Ion Ratio Lower Upper
142 100
141 87.0 70.9 106.3
115 33.8 28.7 43.1

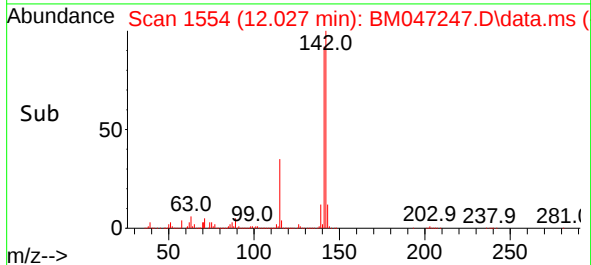
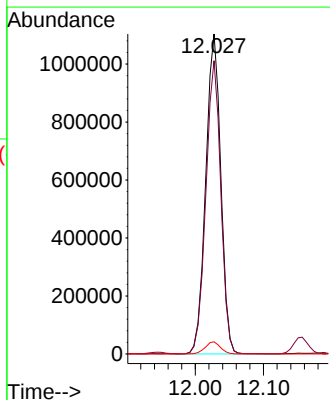
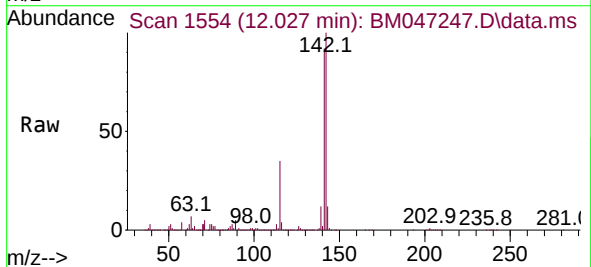
Manual Integrations
APPROVED

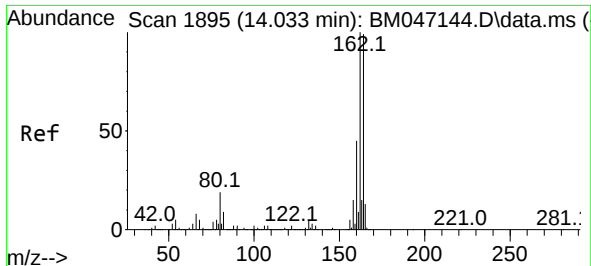
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 42.830 ng
RT: 12.027 min Scan# 1554
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

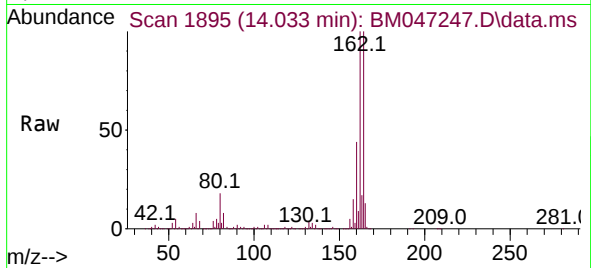
Tgt Ion:142 Resp: 1693690
Ion Ratio Lower Upper
142 100
141 91.7 74.6 111.8
116 3.8 3.1 4.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.033 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

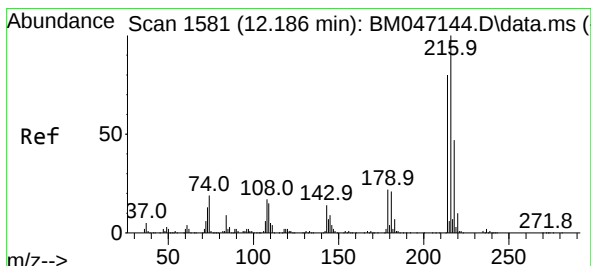
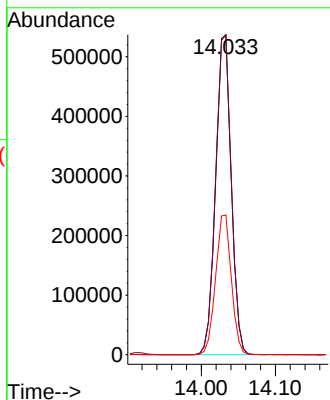
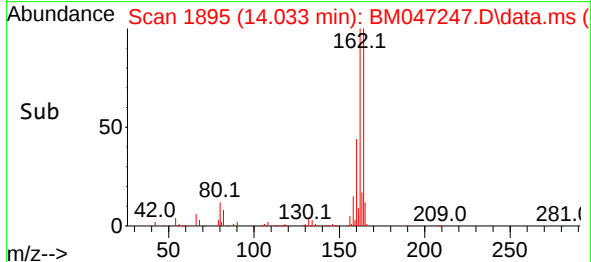
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:164 Resp: 78263
Ion Ratio Lower Upper
164 100
162 99.9 80.7 121.1
160 43.6 36.0 54.0

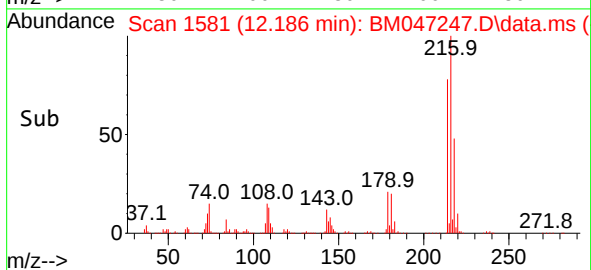
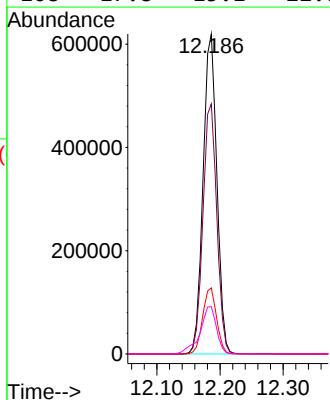
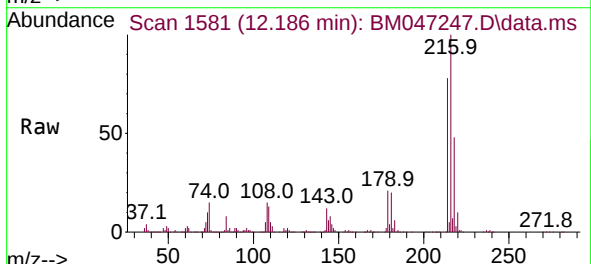
Manual Integrations
APPROVED

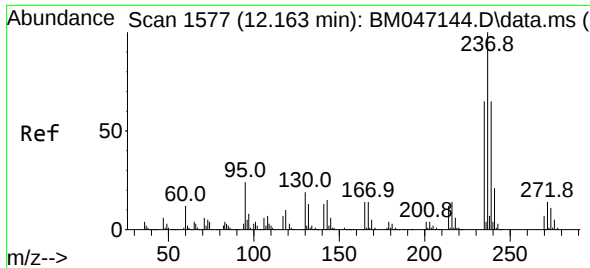
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.062 ng
RT: 12.186 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

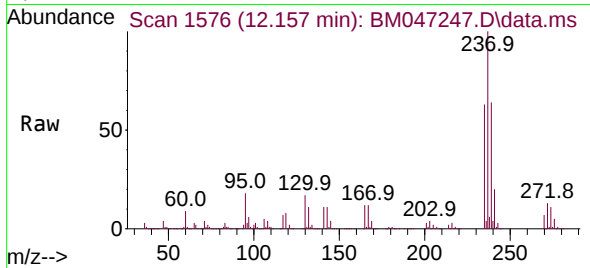
Tgt Ion:216 Resp: 940589
Ion Ratio Lower Upper
216 100
214 78.8 63.4 95.2
179 20.8 17.6 26.4
108 17.8 15.1 22.7





#41
Hexachlorocyclopentadiene
Concen: 101.784 ng
RT: 12.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

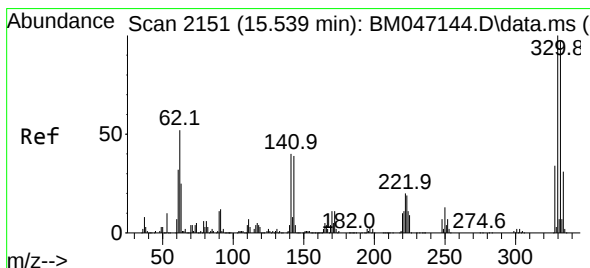
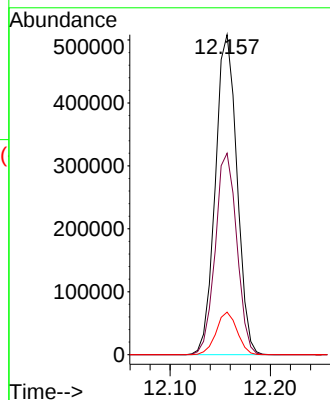
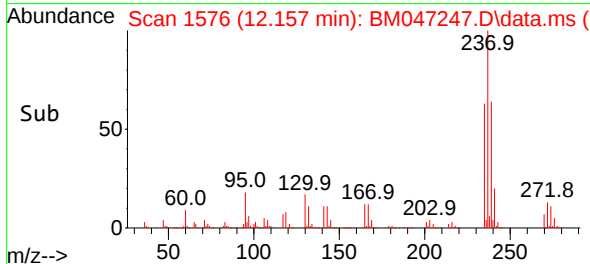
Instrument :
BNA_M
ClientSampleId :
PB162722BS



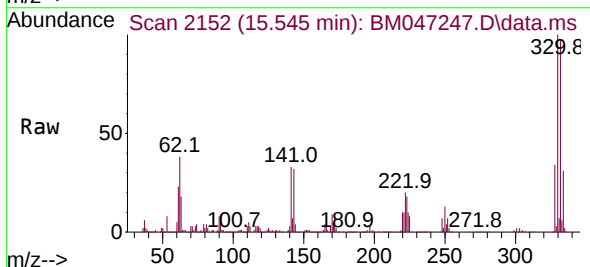
Tgt Ion:237 Resp: 758699
Ion Ratio Lower Upper
237 100
235 62.9 44.8 84.8
272 13.3 0.0 33.5

Manual Integrations
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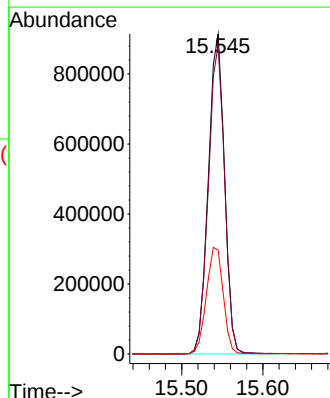
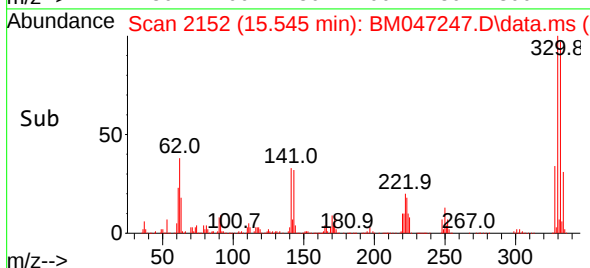
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

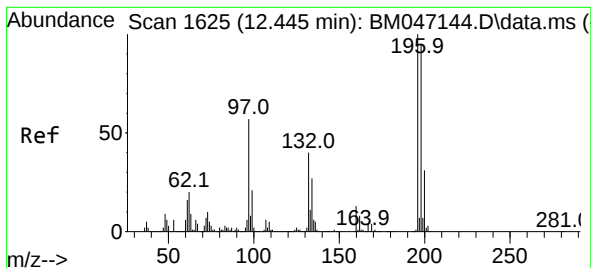


#42
2,4,6-Tribromophenol
Concen: 139.323 ng
RT: 15.545 min Scan# 2152
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:330 Resp: 1264332
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.2
141 34.7 31.6 47.4





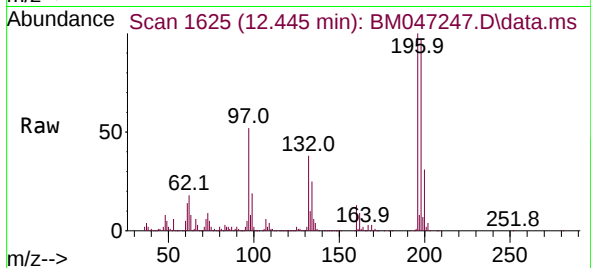
#43
2,4,6-Trichlorophenol
Concen: 50.999 ng
RT: 12.445 min Scan# 1640
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

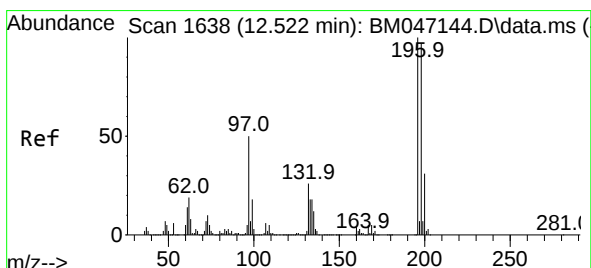
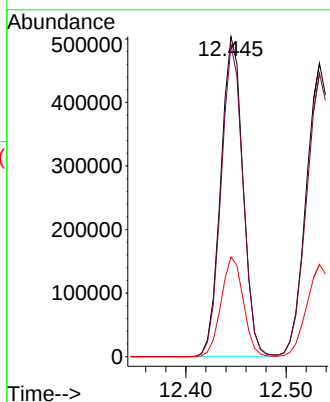
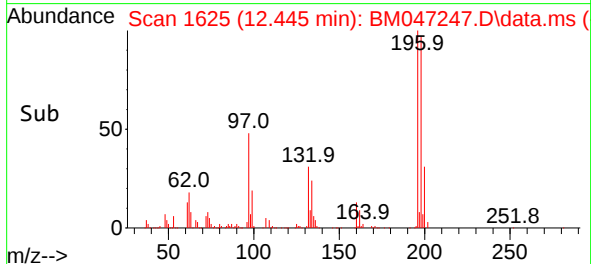


Tgt Ion:196 Resp: 77378
Ion Ratio Lower Upper
196 100
198 97.5 75.6 113.4
200 31.2 24.6 37.0

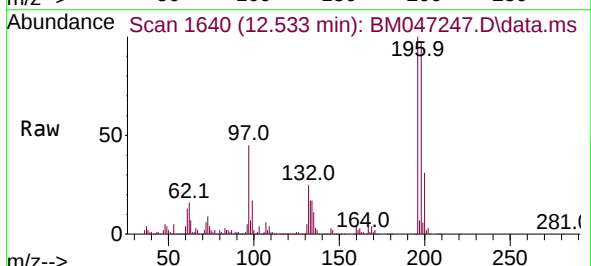
Manual Integrations

APPROVED

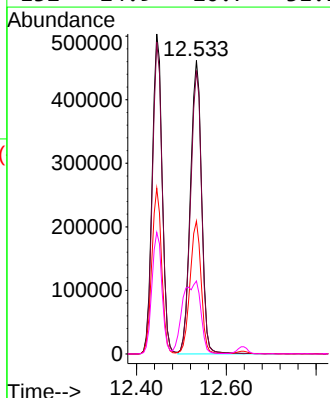
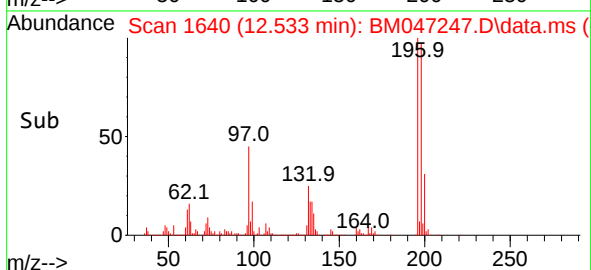
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

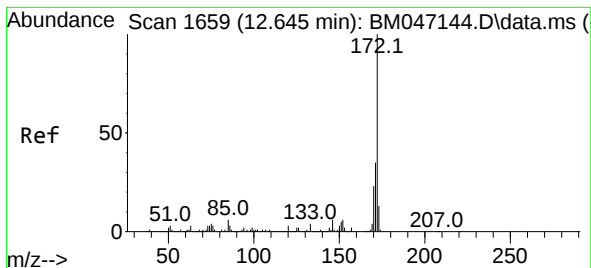


#44
2,4,5-Trichlorophenol
Concen: 47.420 ng
RT: 12.533 min Scan# 1640
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



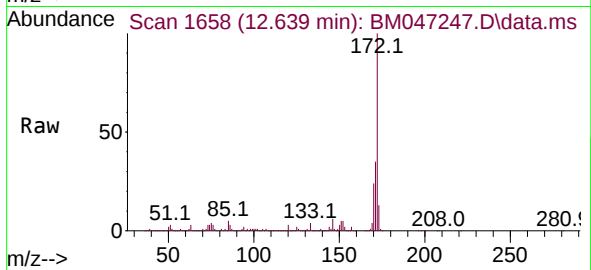
Tgt Ion:196 Resp: 798852
Ion Ratio Lower Upper
196 100
198 96.6 77.7 116.5
97 45.3 39.8 59.8
132 24.9 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 82.127 ng
RT: 12.639 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

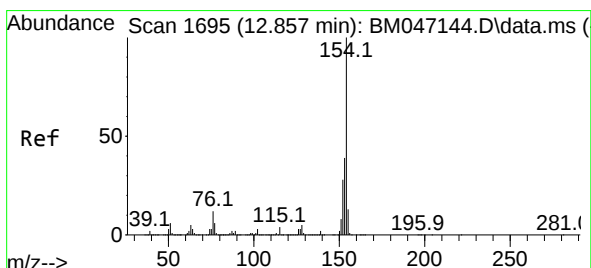
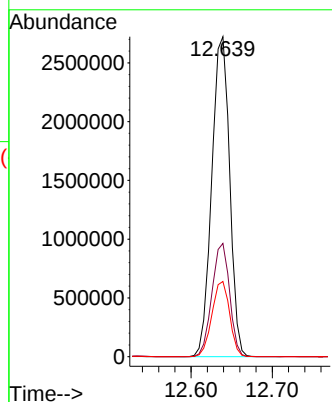
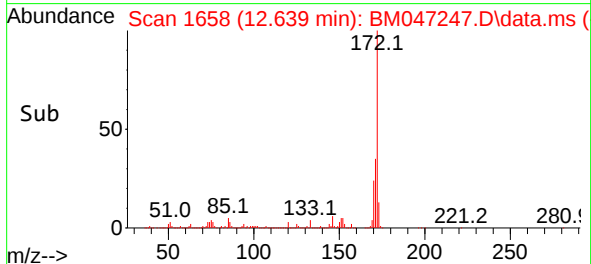
Instrument :
BNA_M
ClientSampleId :
PB162722BS



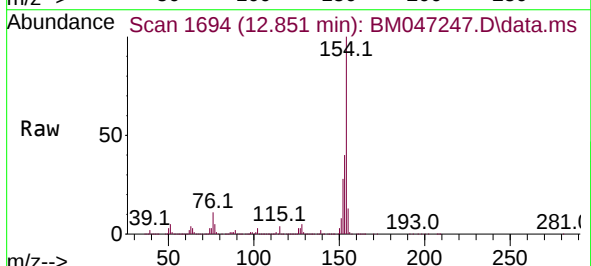
Tgt Ion:172 Resp: 4166908
Ion Ratio Lower Upper
172 100
171 35.4 27.8 41.6
170 23.5 18.7 28.1

Manual Integrations
APPROVED

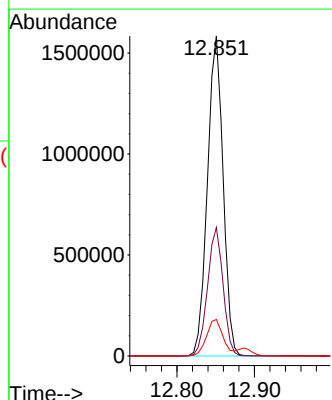
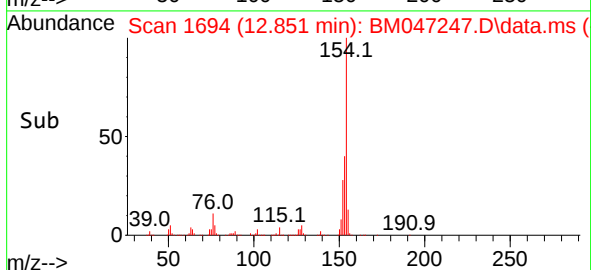
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

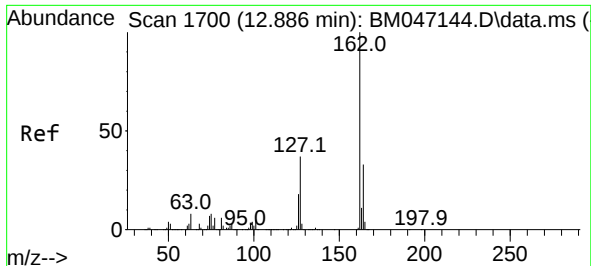


#46
1,1'-Biphenyl
Concen: 39.929 ng
RT: 12.851 min Scan# 1694
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



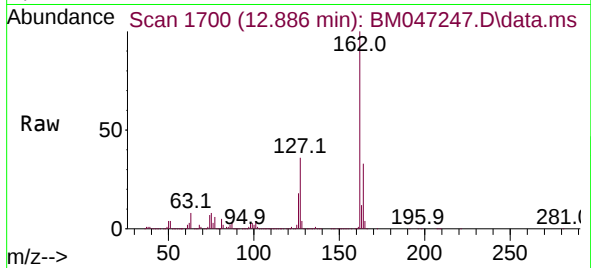
Tgt Ion:154 Resp: 2224711
Ion Ratio Lower Upper
154 100
153 40.1 19.0 59.0
76 11.4 0.0 31.9





#47
2-Chloronaphthalene
Concen: 42.642 ng
RT: 12.886 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

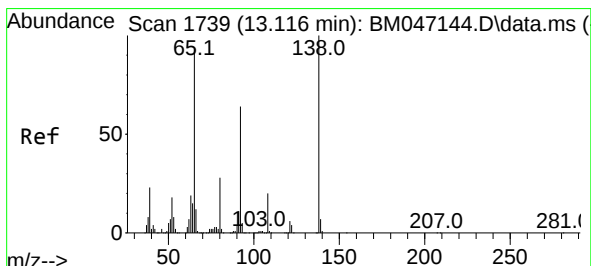
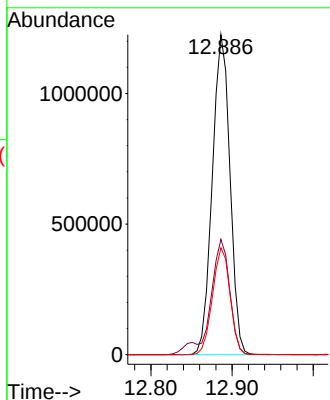
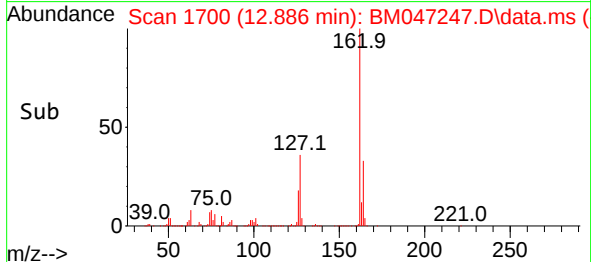
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:162 Resp: 185700
Ion Ratio Lower Upper
162 100
127 36.1 30.0 45.0
164 33.4 26.3 39.5

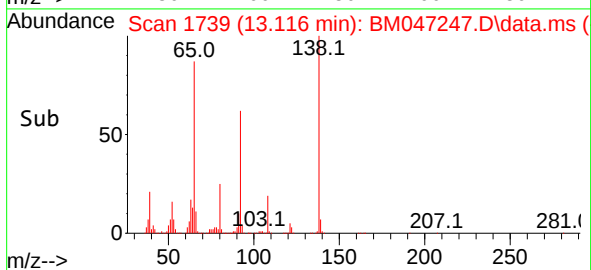
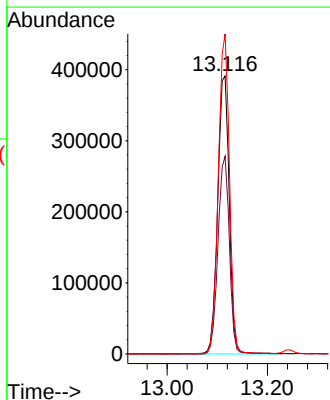
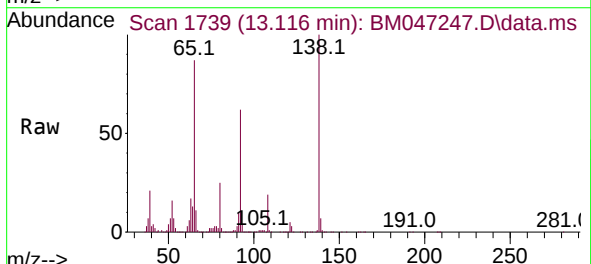
Manual Integrations
APPROVED

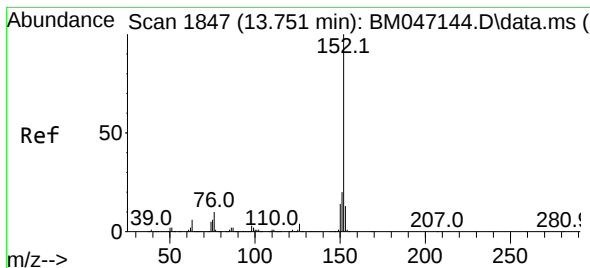
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#48
2-Nitroaniline
Concen: 45.804 ng
RT: 13.116 min Scan# 1739
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion: 65 Resp: 624912
Ion Ratio Lower Upper
65 100
92 71.1 55.1 82.7
138 115.1 85.9 128.9





#49

Acenaphthylene

Concen: 47.861 ng

RT: 13.745 min Scan# 1846

Delta R.T. -0.006 min

Lab File: BM047247.D

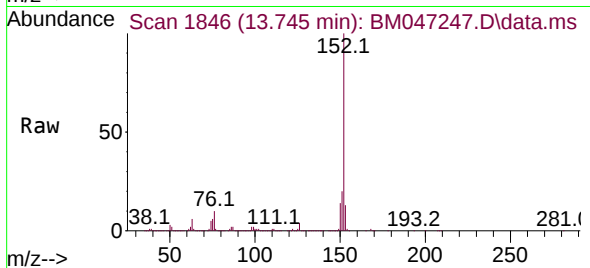
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS



Tgt Ion:152 Resp: 3072328

Ion Ratio Lower Upper

152 100

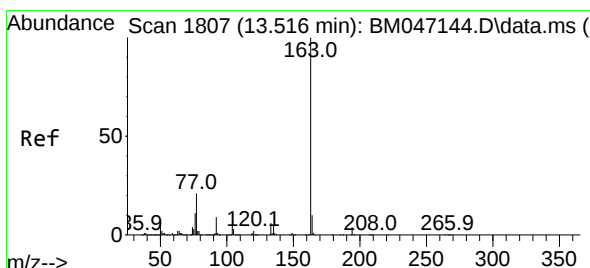
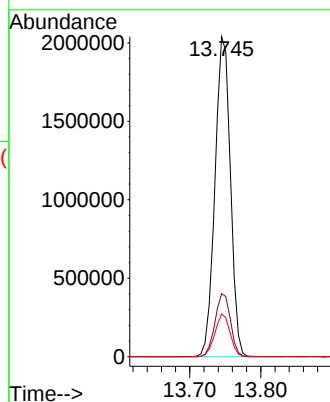
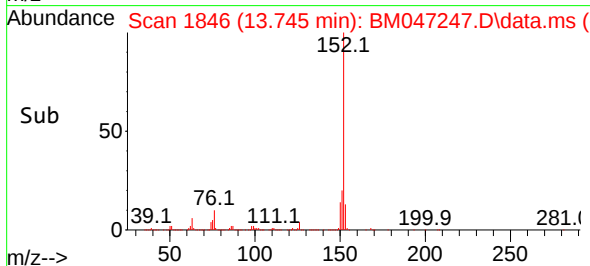
151 19.7 15.8 23.6

153 13.4 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#50

Dimethylphthalate

Concen: 46.629 ng

RT: 13.510 min Scan# 1806

Delta R.T. -0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

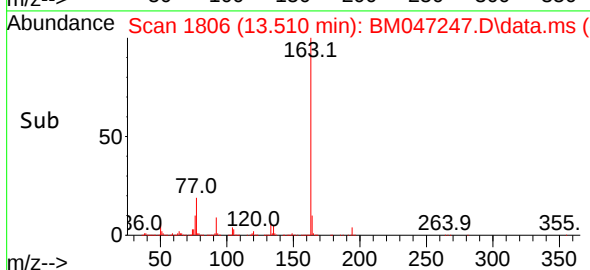
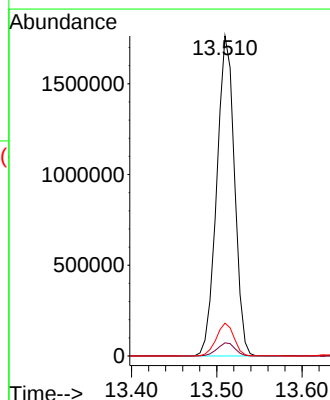
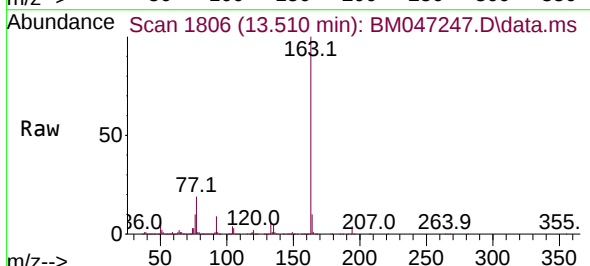
Tgt Ion:163 Resp: 2548718

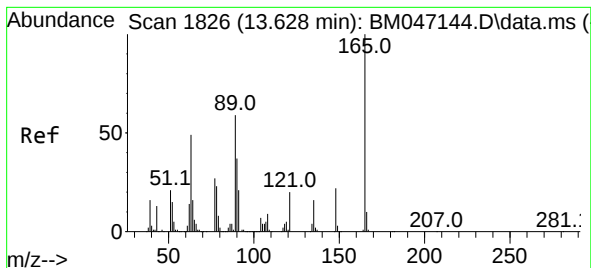
Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

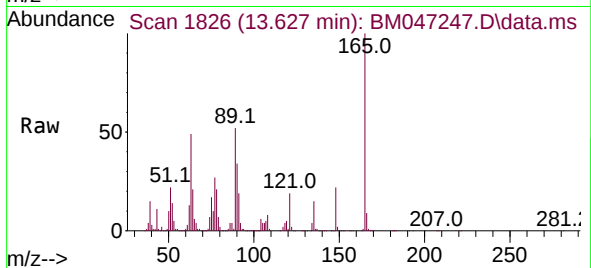
164 10.2 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 46.226 ng
RT: 13.627 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

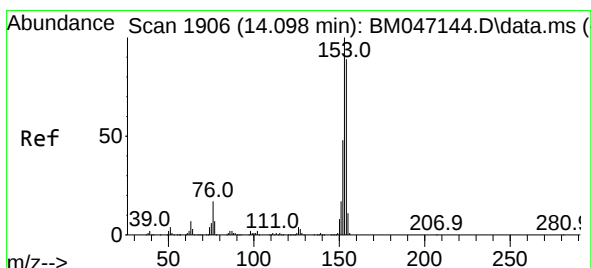
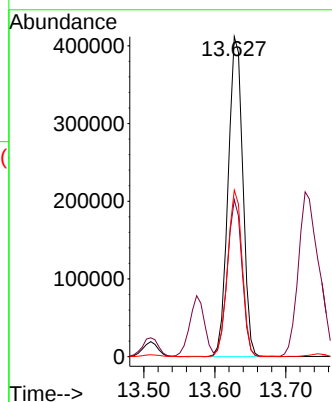
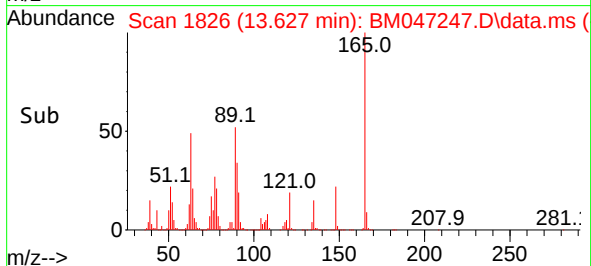
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:165 Resp: 590654
Ion Ratio Lower Upper
165 100
63 49.0 46.5 69.7
89 52.1 47.3 70.9

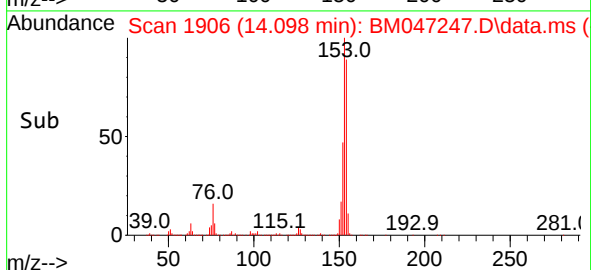
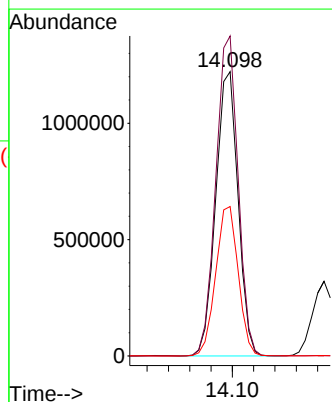
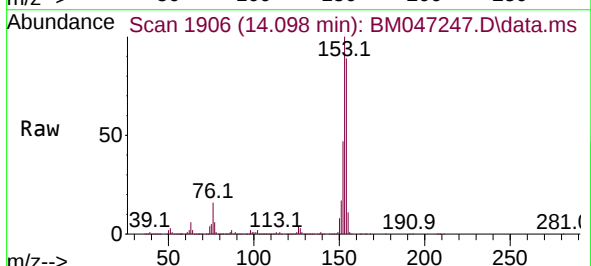
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52
Acenaphthene
Concen: 43.583 ng
RT: 14.098 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

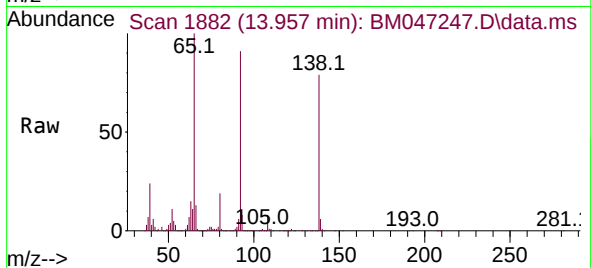
Tgt Ion:154 Resp: 1774674
Ion Ratio Lower Upper
154 100
153 112.5 90.3 135.5
152 52.6 42.9 64.3





#53
3-Nitroaniline
Concen: 38.645 ng
RT: 13.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

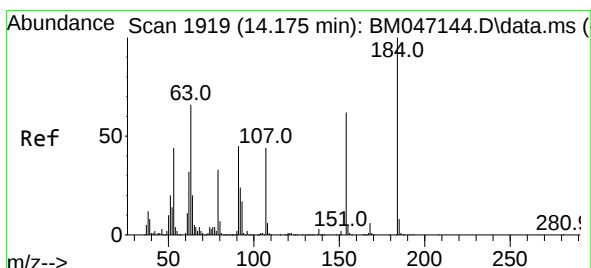
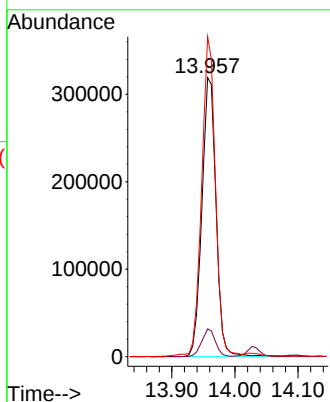
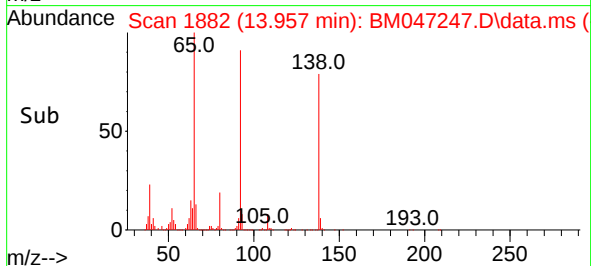
Instrument :
BNA_M
ClientSampleId :
PB162722BS



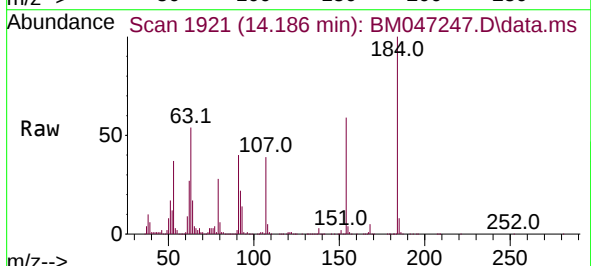
Tgt Ion:138 Resp: 494794
Ion Ratio Lower Upper
138 100
108 10.0 7.9 11.9
92 114.7 92.0 138.0

Manual Integrations
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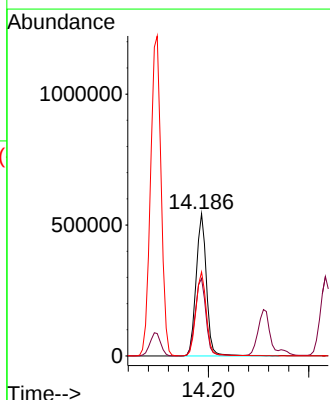
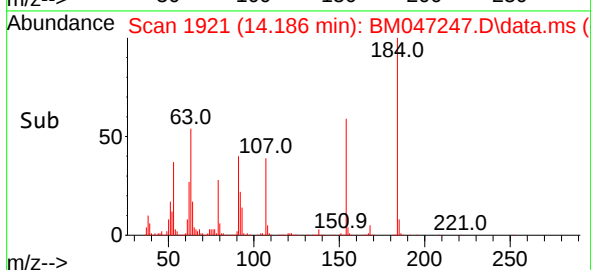
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

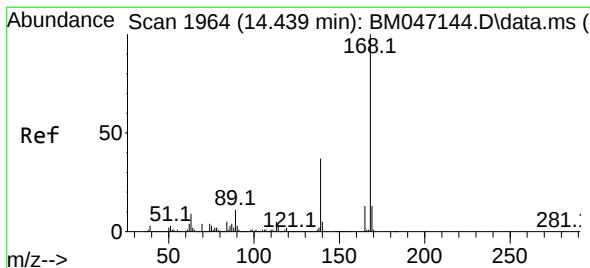


#54
2,4-Dinitrophenol
Concen: 101.598 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



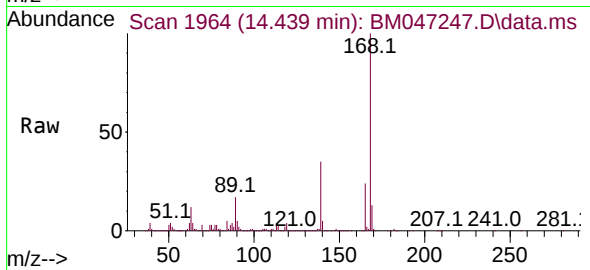
Tgt Ion:184 Resp: 778051
Ion Ratio Lower Upper
184 100
63 54.5 52.7 79.1
154 59.1 50.4 75.6





#55
Dibenzofuran
Concen: 45.336 ng
RT: 14.439 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

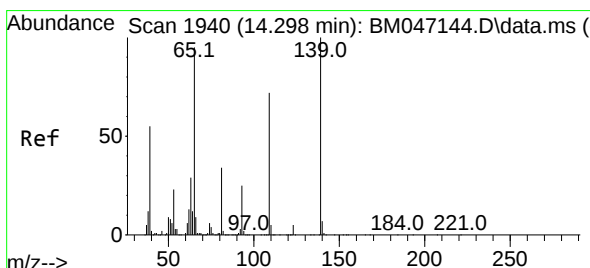
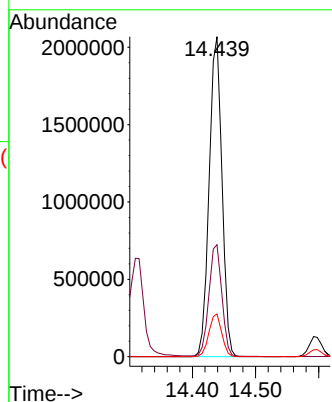
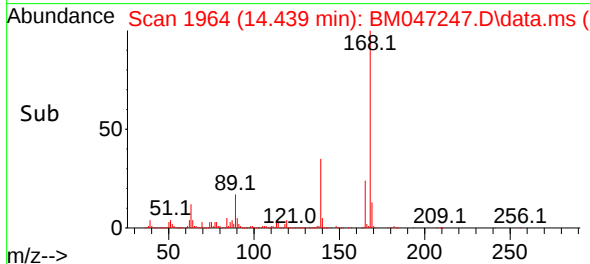
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:168 Resp: 2915910
Ion Ratio Lower Upper
168 100
139 35.0 29.6 44.4
169 13.4 10.7 16.1

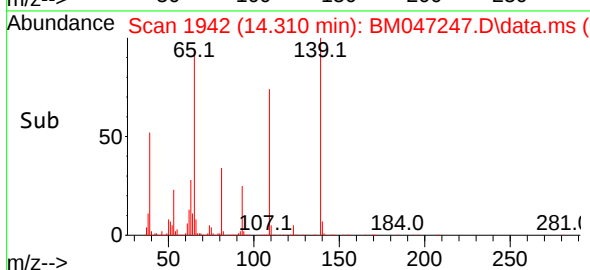
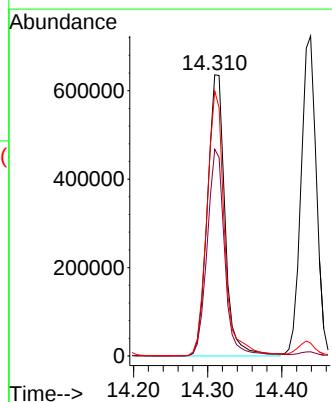
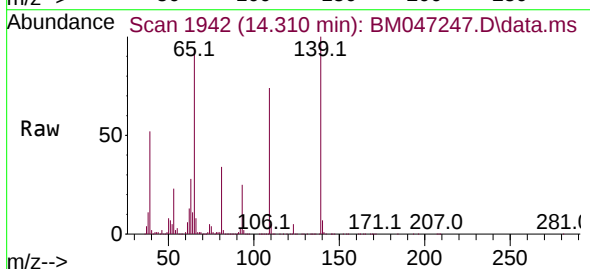
Manual Integrations
APPROVED

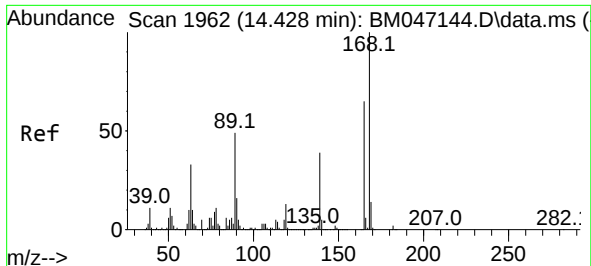
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#56
4-Nitrophenol
Concen: 94.856 ng
RT: 14.310 min Scan# 1942
Delta R.T. 0.012 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

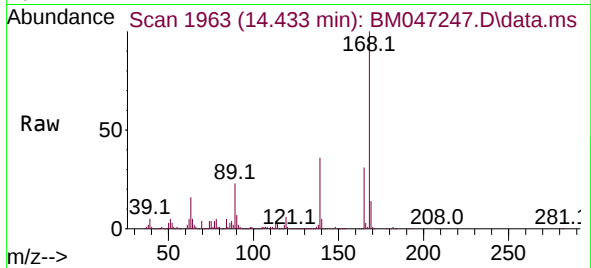
Tgt Ion:139 Resp: 1047264
Ion Ratio Lower Upper
139 100
109 73.6 52.5 92.5
65 94.2 75.4 115.4





#57
2,4-Dinitrotoluene
Concen: 47.009 ng
RT: 14.433 min Scan# 1963
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

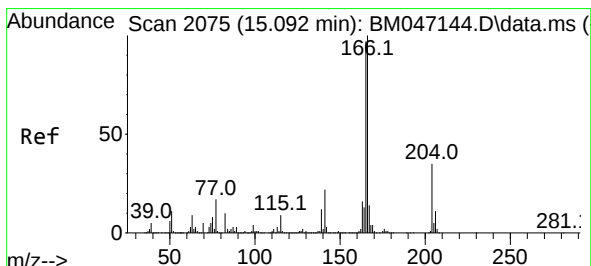
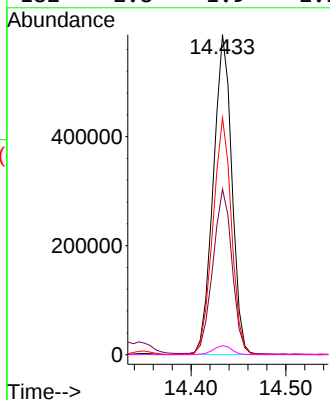
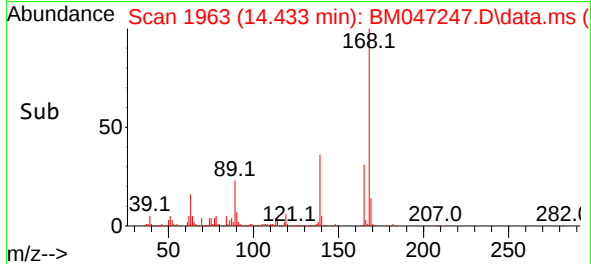
Instrument :
BNA_M
ClientSampleId :
PB162722BS



Tgt Ion:165 Resp: 801733
Ion Ratio Lower Upper
165 100
63 51.7 40.3 60.5
89 74.0 61.0 91.6
182 2.8 1.9 2.9

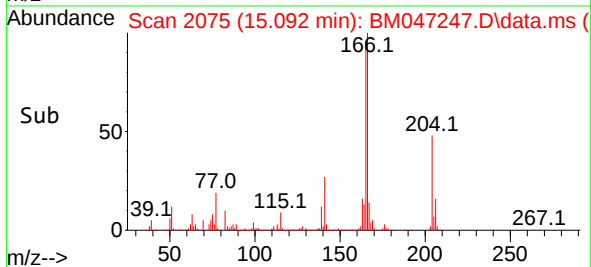
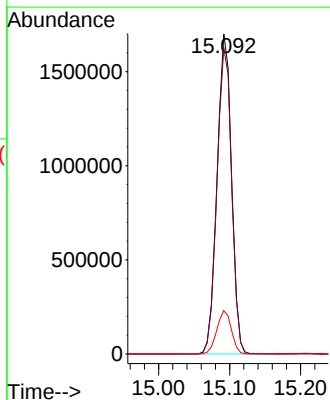
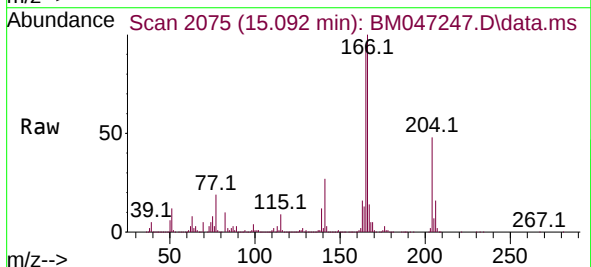
Manual Integrations
APPROVED

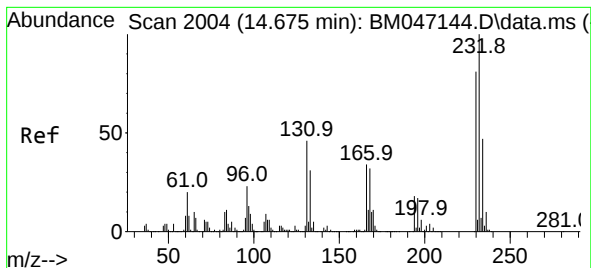
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#58
Fluorene
Concen: 45.081 ng
RT: 15.092 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

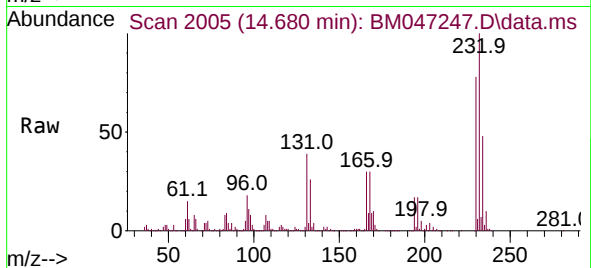
Tgt Ion:166 Resp: 2392425
Ion Ratio Lower Upper
166 100
165 95.5 77.4 116.0
167 13.5 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.702 ng
RT: 14.680 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

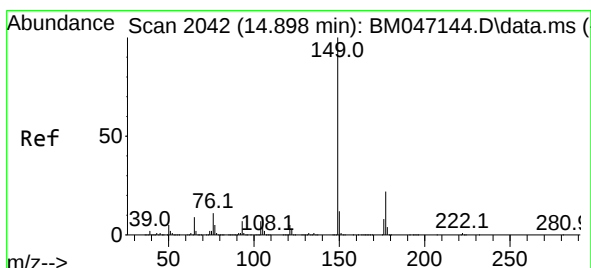
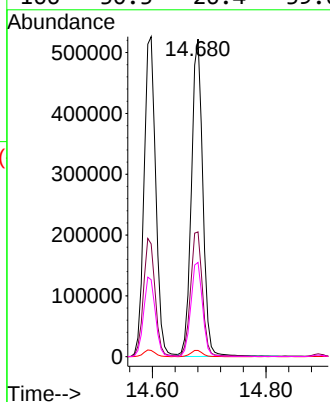
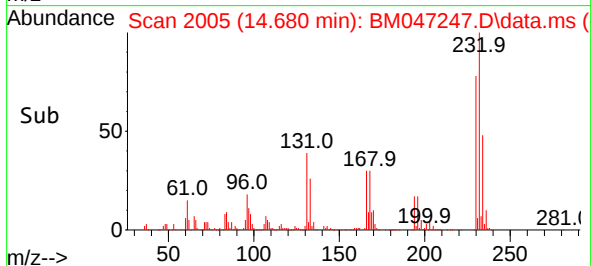
Instrument :
BNA_M
ClientSampleId :
PB162722BS



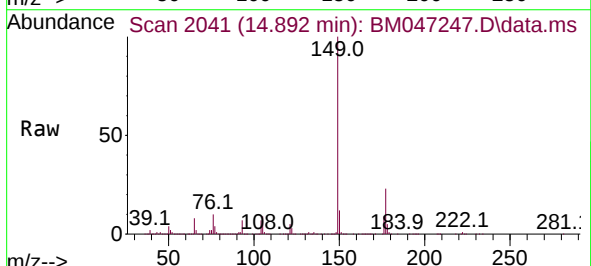
Tgt Ion:232 Resp: 729672
Ion Ratio Lower Upper
232 100
131 40.1 36.9 55.3
130 2.1 2.0 3.0
166 30.3 26.4 39.6

Manual Integrations
APPROVED

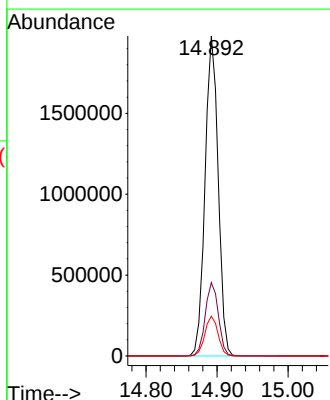
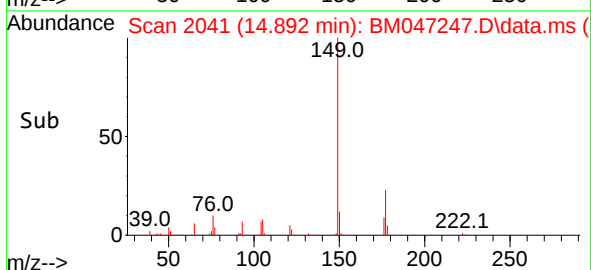
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

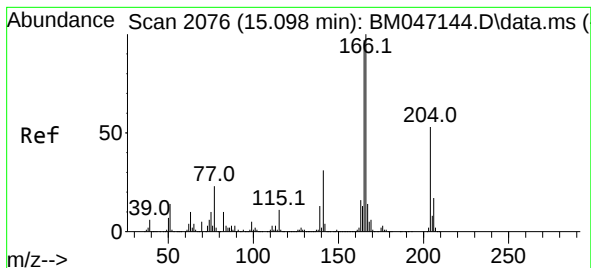


#60
Diethylphthalate
Concen: 45.568 ng
RT: 14.892 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:149 Resp: 2543505
Ion Ratio Lower Upper
149 100
177 22.9 17.6 26.4
150 12.4 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 46.681 ng
RT: 15.098 min Scan# 2076
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

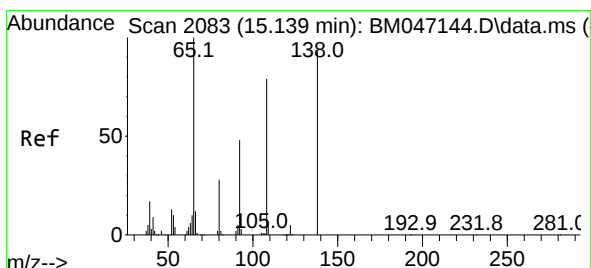
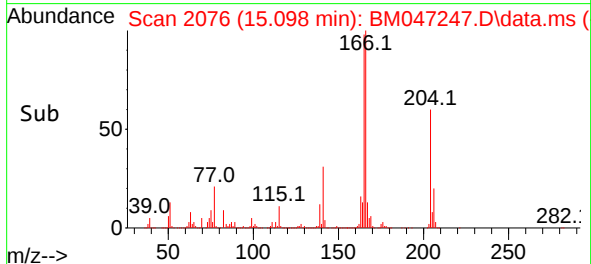
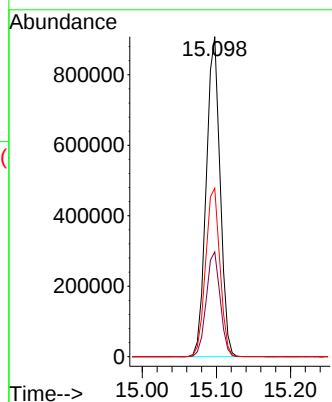
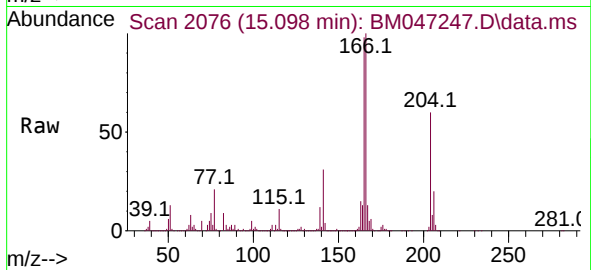
PB162722BS

Tgt Ion:204 Resp: 117938
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 52.6 47.2 70.8

Manual Integrations

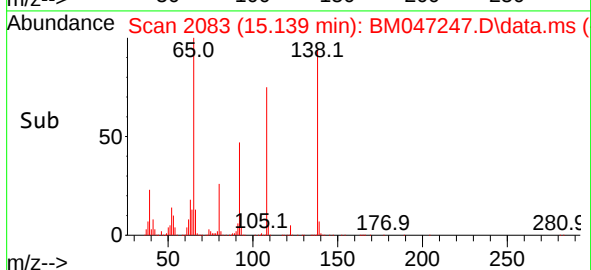
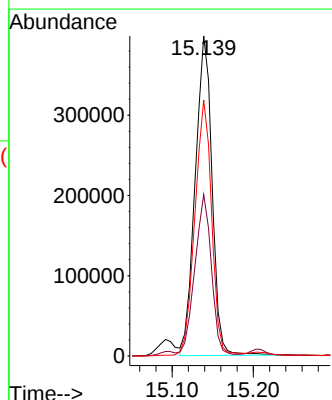
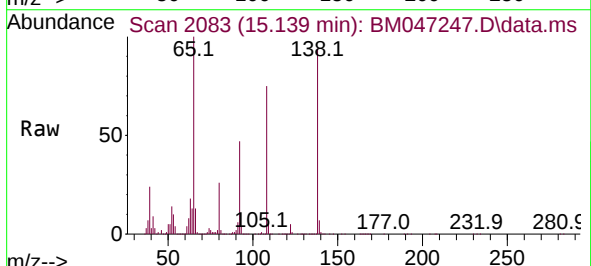
APPROVED

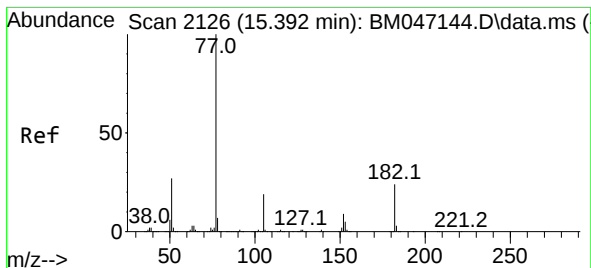
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#62
4-Nitroaniline
Concen: 45.657 ng
RT: 15.139 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

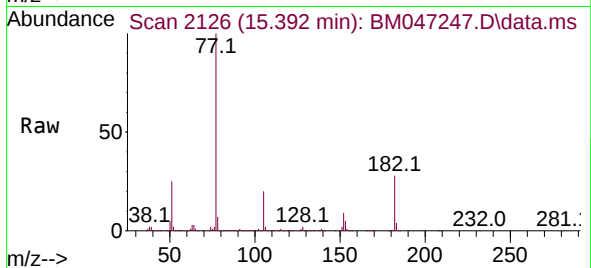
Tgt Ion:138 Resp: 575900
Ion Ratio Lower Upper
138 100
92 50.4 31.9 71.9
108 80.0 63.8 103.8





#63
Azobenzene
Concen: 42.675 ng
RT: 15.392 min Scan# 2126
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

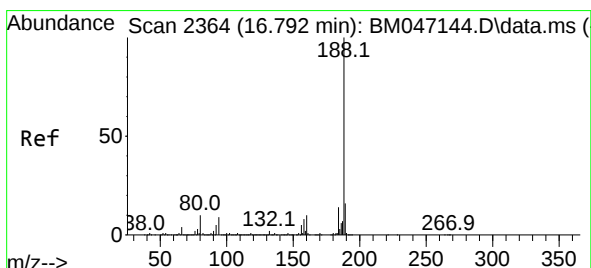
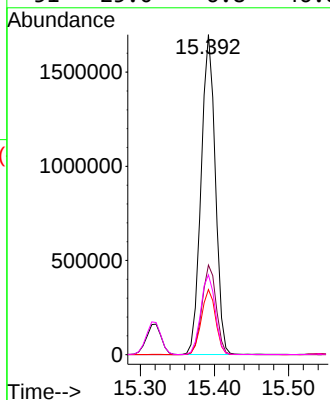
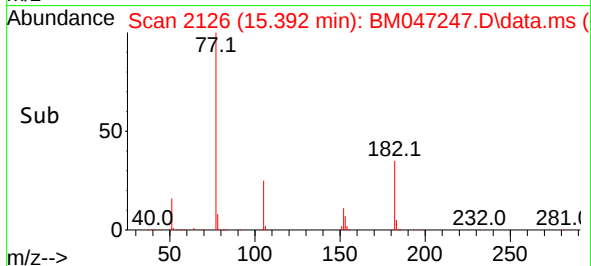
Instrument :
BNA_M
ClientSampleId :
PB162722BS



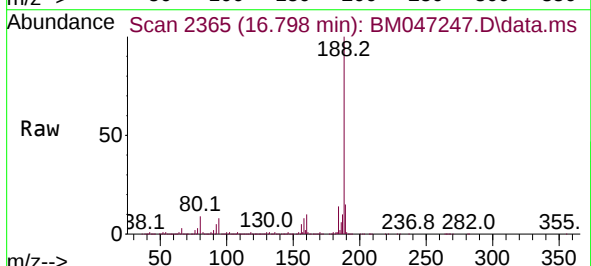
Tgt Ion: 77 Resp: 225854
Ion Ratio Lower Upper
77 100
182 28.0 3.8 43.8
105 20.3 0.0 39.5
51 25.0 6.8 46.8

Manual Integrations
APPROVED

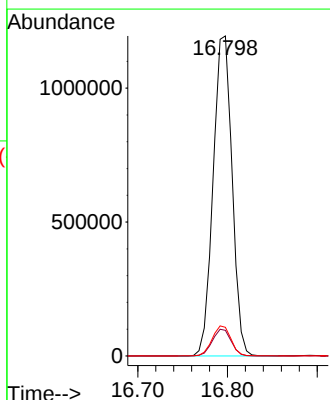
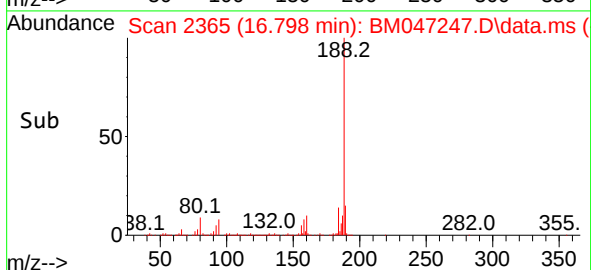
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

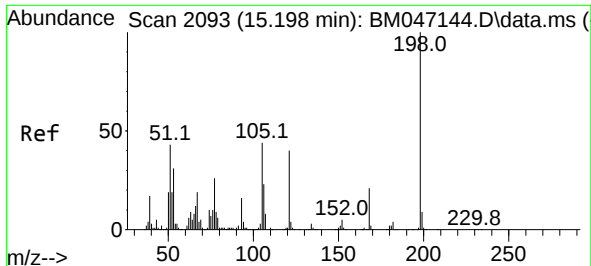


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.798 min Scan# 2365
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:188 Resp: 1751225
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 8.9 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 51.338 ng
RT: 15.210 min Scan# 2095
Delta R.T. 0.011 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

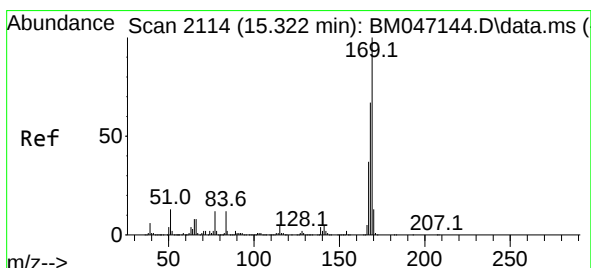
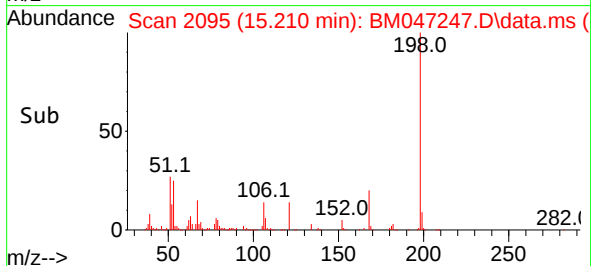
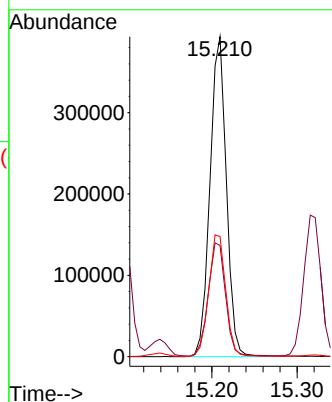
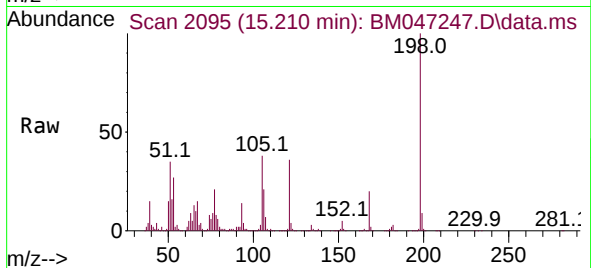
ClientSampleId :

PB162722BS

Tgt Ion:198 Resp: 52637
Ion Ratio Lower Upper
198 100
51 34.7 23.9 63.9
105 37.5 24.3 64.3

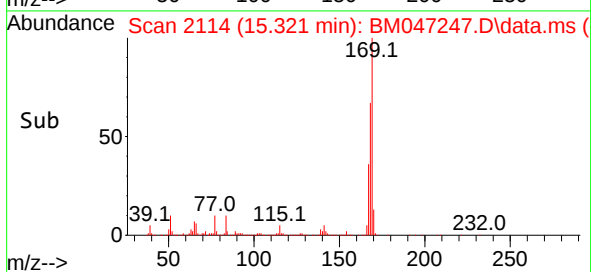
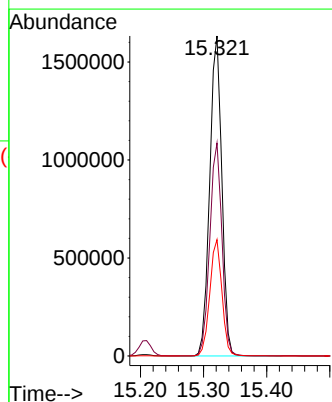
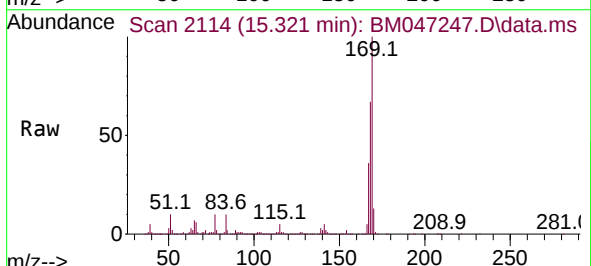
Manual Integrations
APPROVED

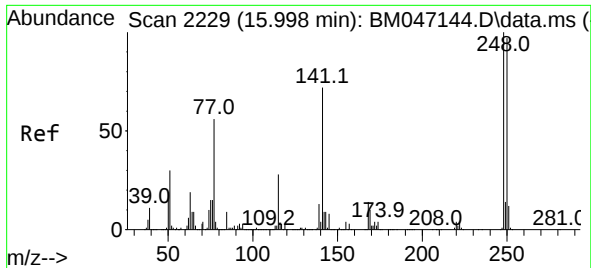
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 45.476 ng
RT: 15.321 min Scan# 2114
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Tgt Ion:169 Resp: 2169142
Ion Ratio Lower Upper
169 100
168 66.5 53.8 80.8
167 36.4 29.3 43.9





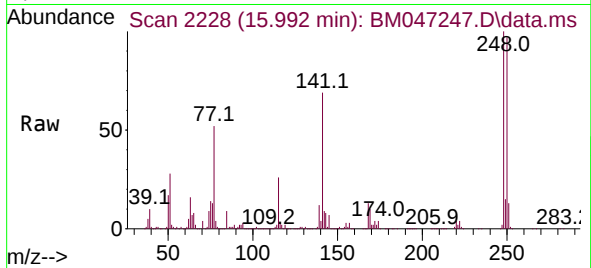
#67
4-Bromophenyl-phenylether
Concen: 46.729 ng
RT: 15.992 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

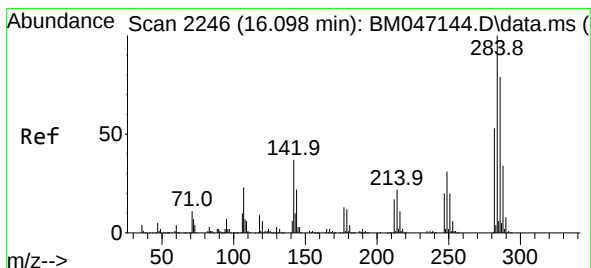
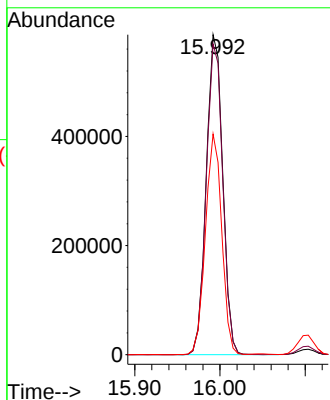
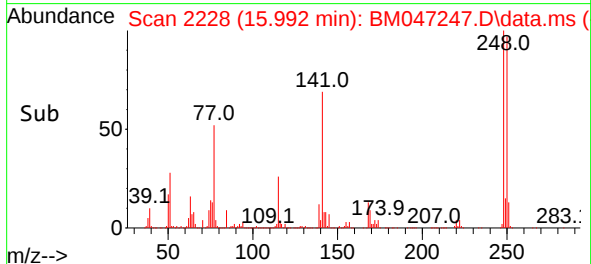


Tgt Ion:248 Resp: 788552
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 68.9 57.7 86.5

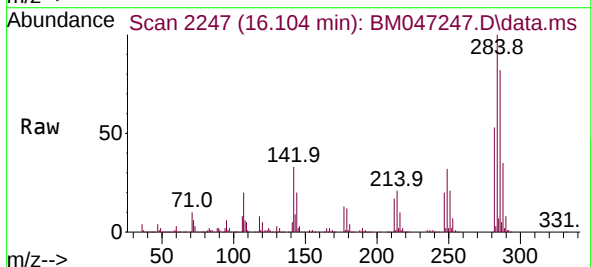
Manual Integrations

APPROVED

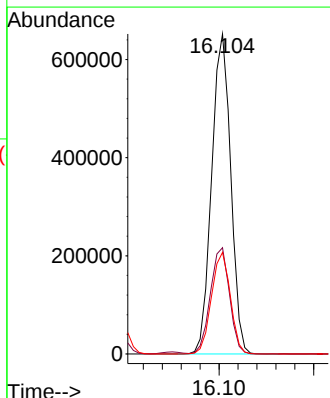
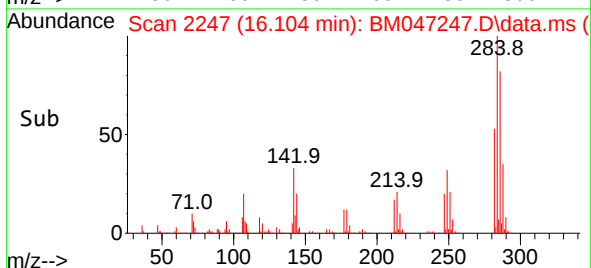
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

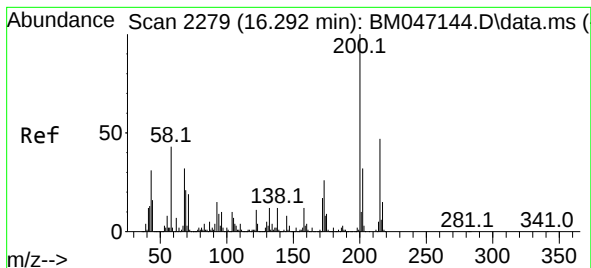


#68
Hexachlorobenzene
Concen: 44.972 ng
RT: 16.104 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:284 Resp: 908898
Ion Ratio Lower Upper
284 100
142 33.2 29.4 44.0
249 31.7 25.1 37.7





#69

Atrazine

Concen: 50.693 ng

RT: 16.292 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

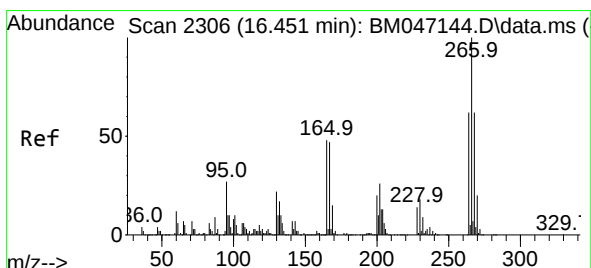
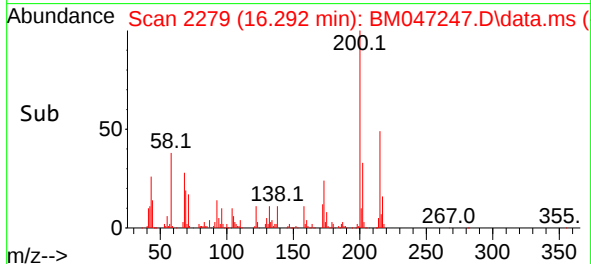
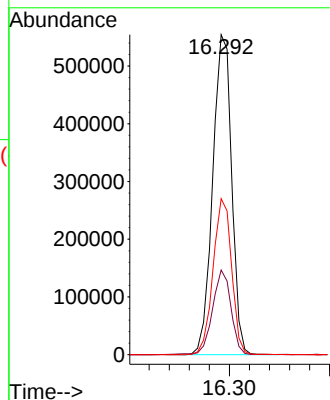
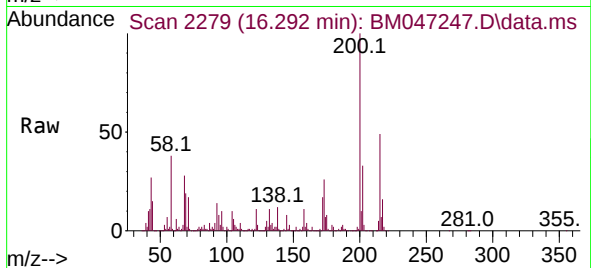
PB162722BS

Tgt Ion:	200	Resp:	727614
Ion Ratio	Lower	Upper	
200	100		
173	26.5	6.1	46.1
215	48.7	26.8	66.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#70

Pentachlorophenol

Concen: 90.462 ng

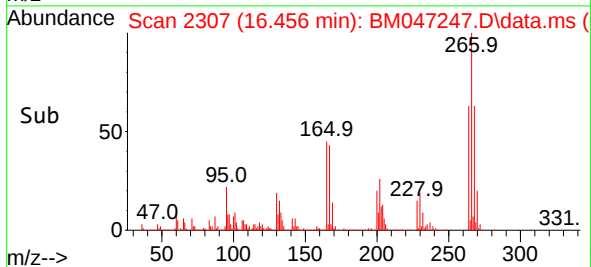
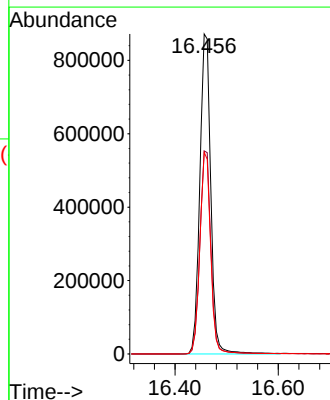
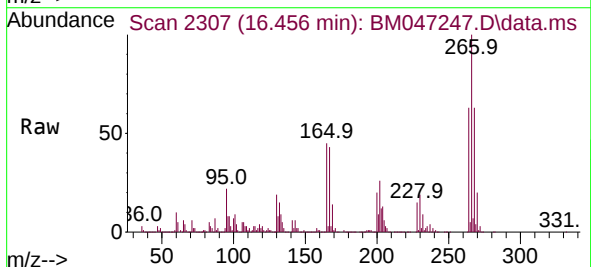
RT: 16.456 min Scan# 2307

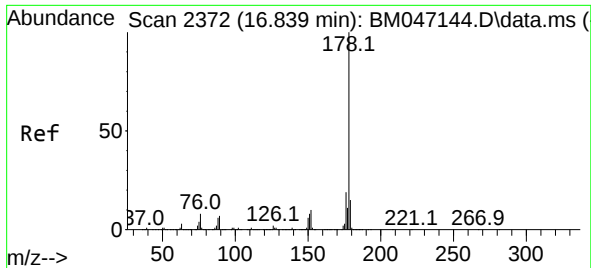
Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:	266	Resp:	1281594
Ion Ratio	Lower	Upper	
266	100		
268	63.5	49.8	74.6
264	63.1	49.6	74.4





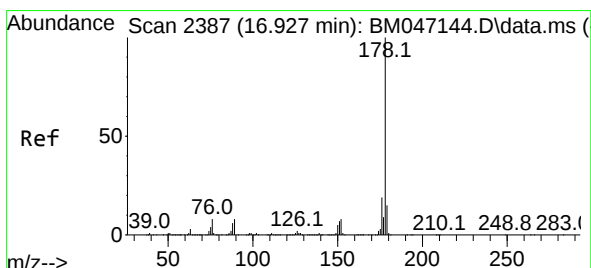
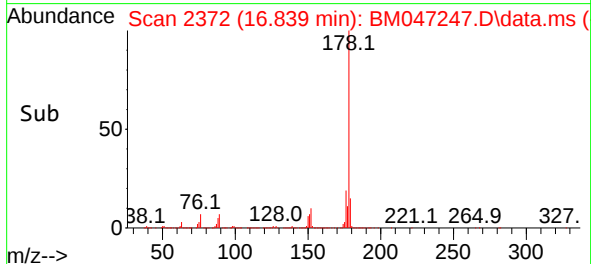
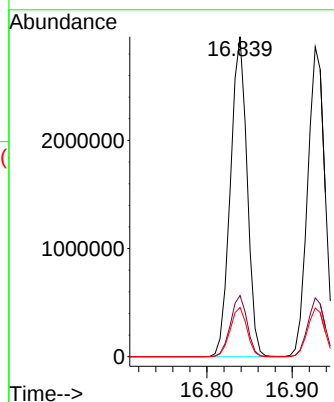
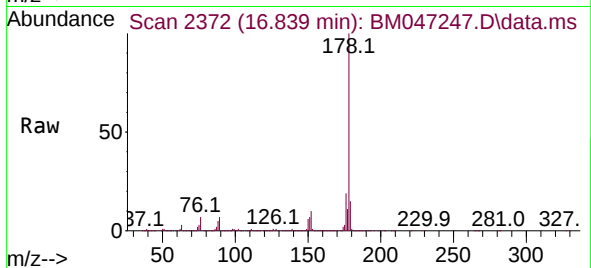
#71
Phenanthrene
Concen: 45.687 ng
RT: 16.839 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :
BNA_M
ClientSampleId :
PB162722BS

Tgt Ion:178 Resp: 401527
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.4 18.6

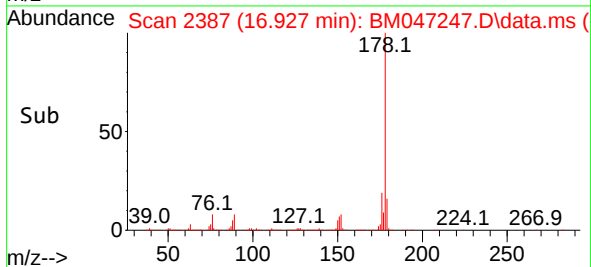
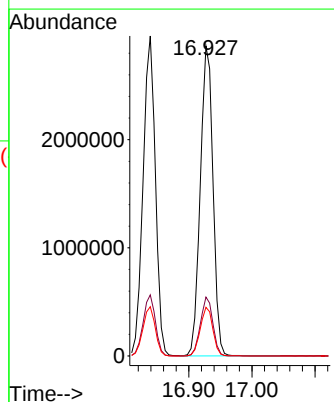
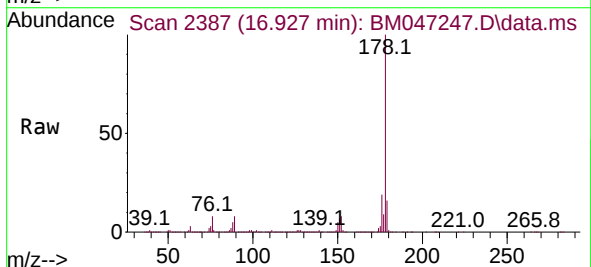
Manual Integrations
APPROVED

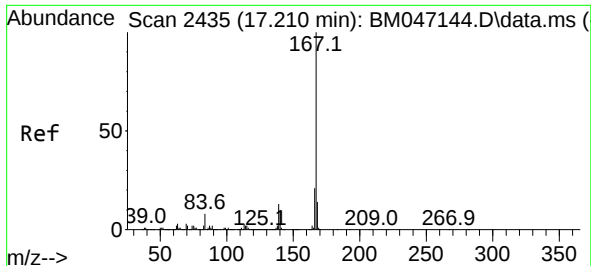
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#72
Anthracene
Concen: 46.920 ng
RT: 16.927 min Scan# 2387
Delta R.T. -0.000 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

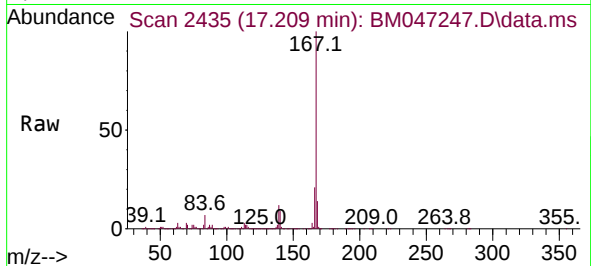
Tgt Ion:178 Resp: 4012395
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 45.567 ng
 RT: 17.209 min Scan# 2435
 Delta R.T. -0.000 min
 Lab File: BM047247.D
 Acq: 19 Aug 2024 11:02

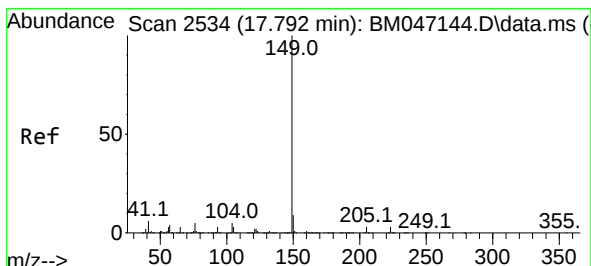
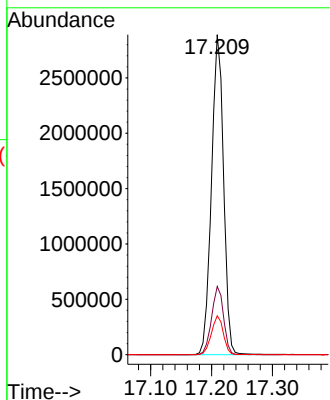
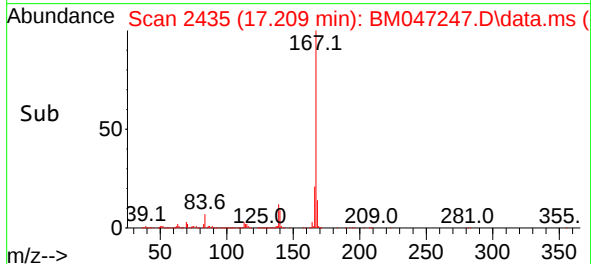
Instrument :
 BNA_M
 ClientSampleId :
 PB162722BS



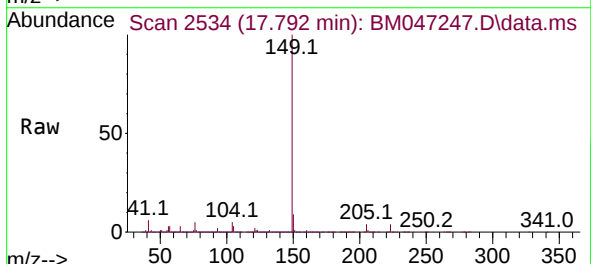
Tgt Ion:167 Resp: 397866
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.1 25.7
 139 12.2 10.0 15.0

Manual Integrations
 APPROVED

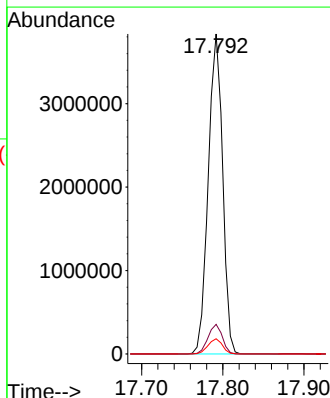
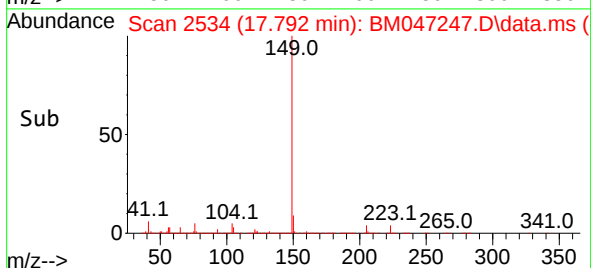
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

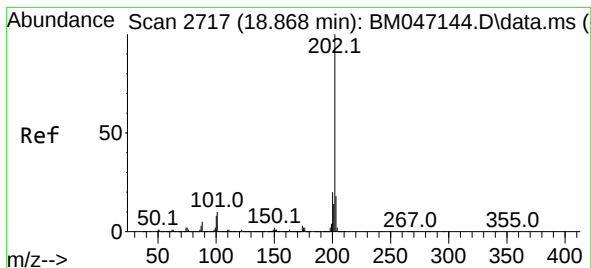


#74
 Di-n-butylphthalate
 Concen: 46.191 ng
 RT: 17.792 min Scan# 2534
 Delta R.T. -0.000 min
 Lab File: BM047247.D
 Acq: 19 Aug 2024 11:02



Tgt Ion:149 Resp: 4692813
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 47.093 ng

RT: 18.874 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:202 Resp: 503421

Ion Ratio Lower Upper

202 100

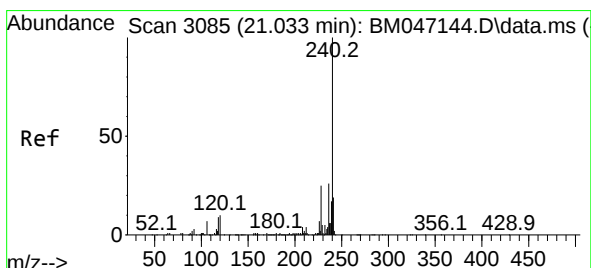
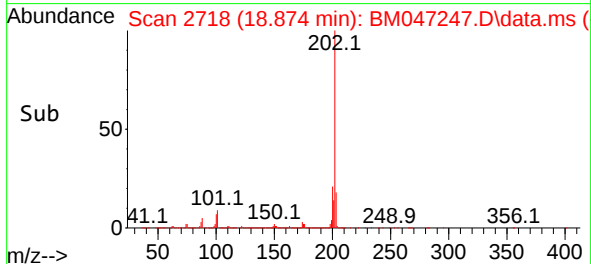
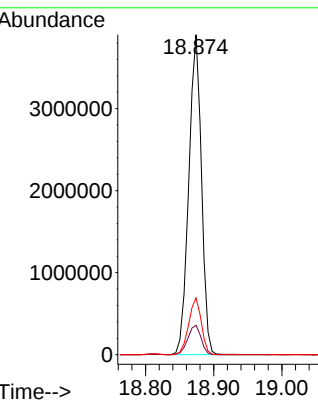
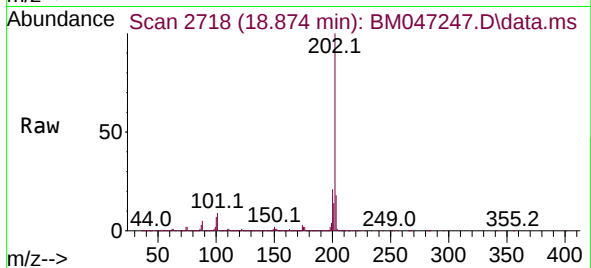
101 9.2 0.0 30.2

203 17.7 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.039 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

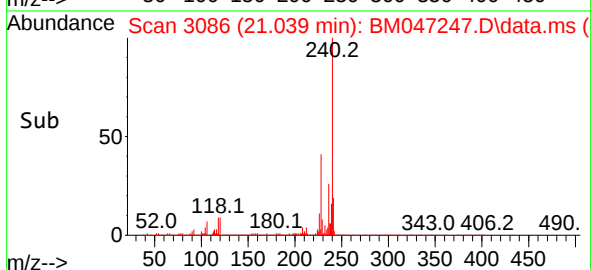
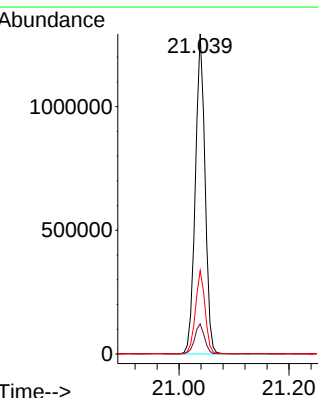
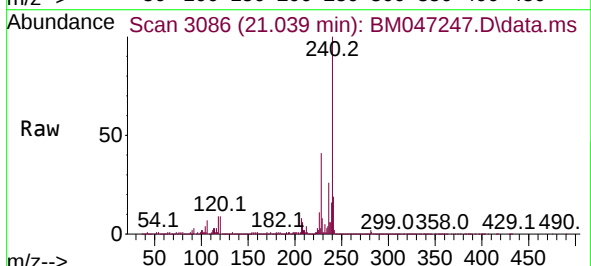
Tgt Ion:240 Resp: 1584431

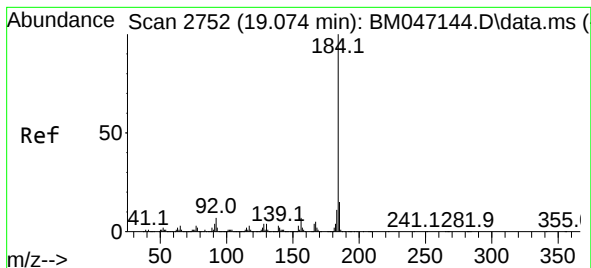
Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

236 26.0 20.6 30.8





#77

Benzidine

Concen: 39.506 ng

RT: 19.074 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:184 Resp: 1061518

Ion Ratio Lower Upper

184 100

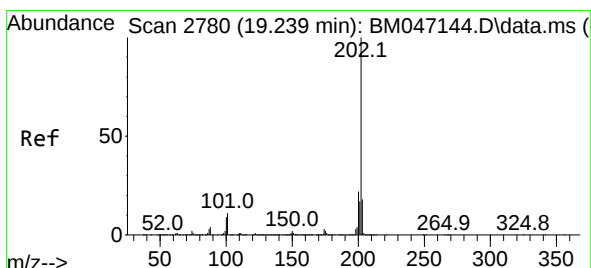
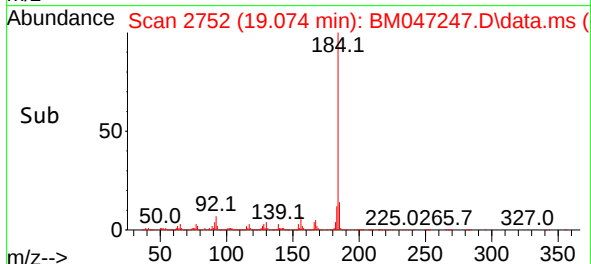
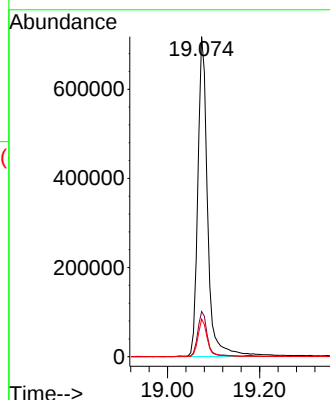
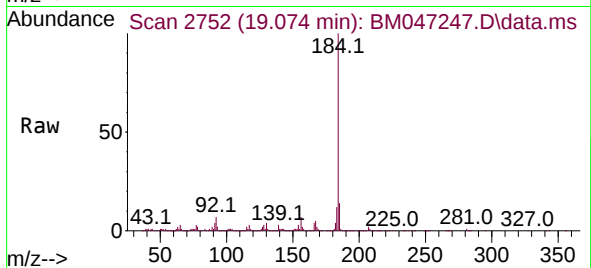
185 14.1 11.8 17.6

183 11.7 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78

Pyrene

Concen: 46.340 ng

RT: 19.239 min Scan# 2780

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

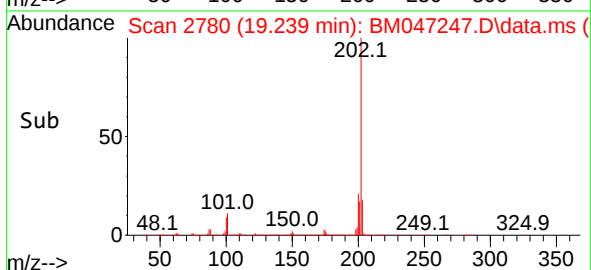
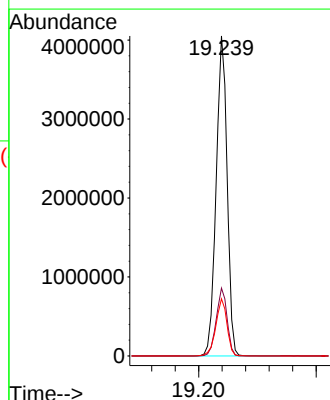
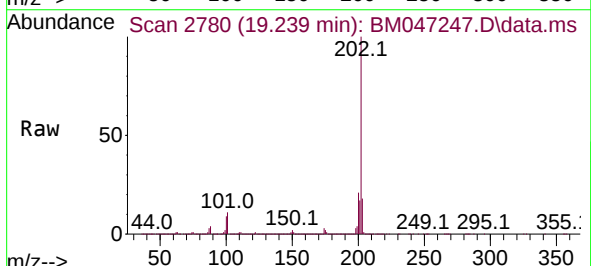
Tgt Ion:202 Resp: 5242570

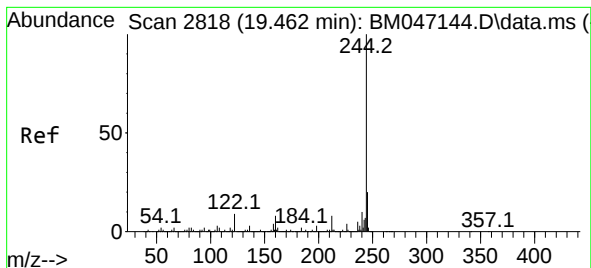
Ion Ratio Lower Upper

202 100

200 21.2 17.2 25.8

203 17.8 14.2 21.2





#79

Terphenyl-d14

Concen: 100.666 ng

RT: 19.462 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

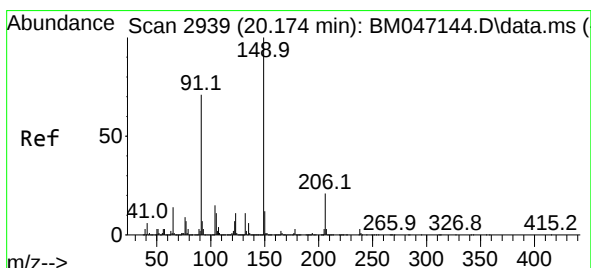
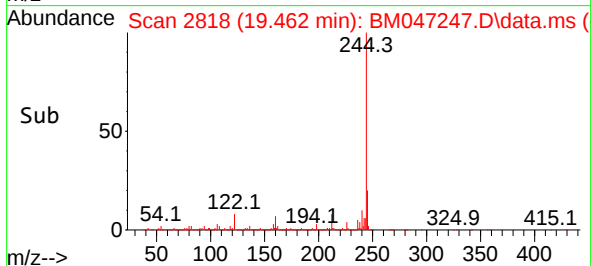
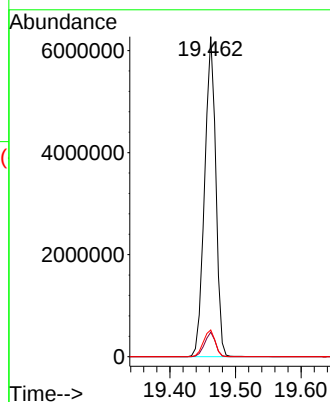
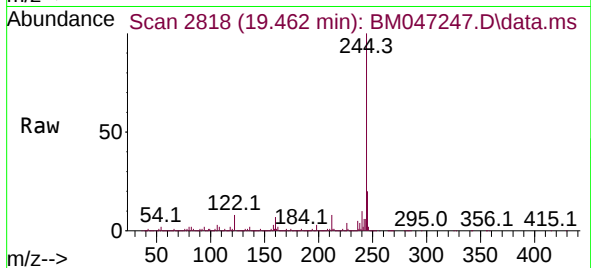
Tgt Ion:244 Resp: 744355

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	8.3	7.1	10.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#80

Butylbenzylphthalate

Concen: 49.276 ng

RT: 20.174 min Scan# 2939

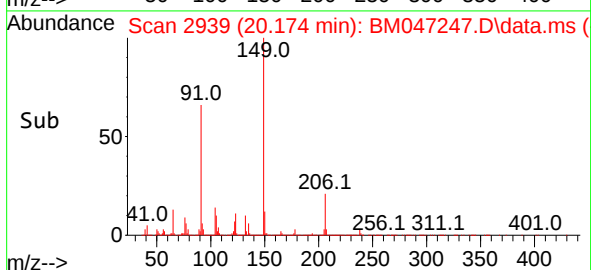
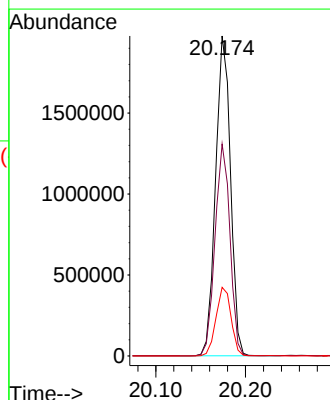
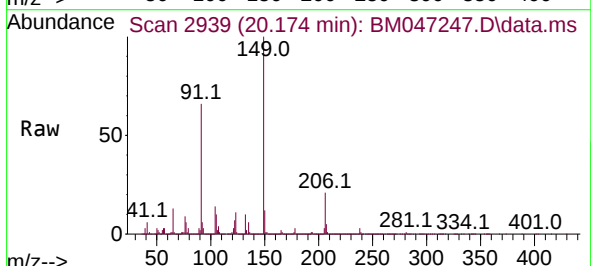
Delta R.T. -0.000 min

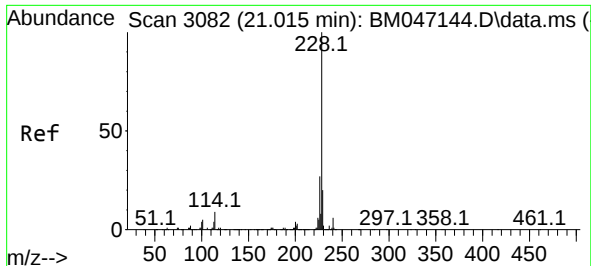
Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:149 Resp: 2275053

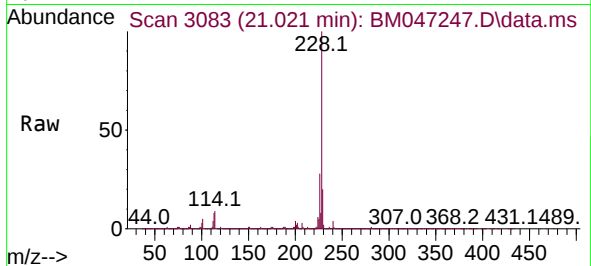
Ion	Ratio	Lower	Upper
149	100		
91	66.2	57.0	85.4
206	21.4	16.4	24.6





#81
Benzo(a)anthracene
Concen: 47.067 ng
RT: 21.021 min Scan# 3082
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

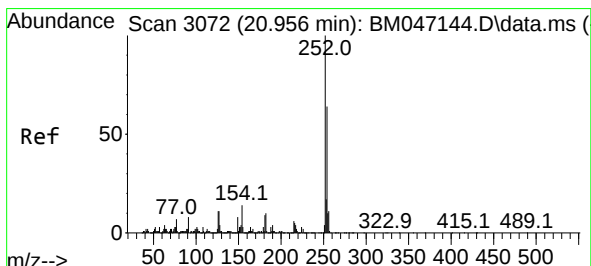
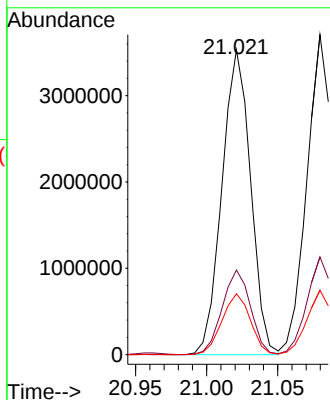
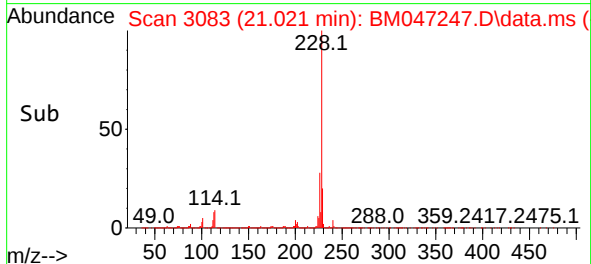
Instrument :
BNA_M
ClientSampleId :
PB162722BS



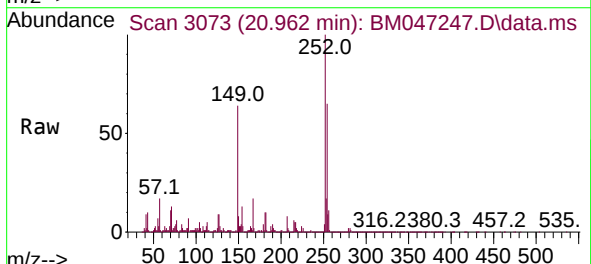
Tgt Ion:228 Resp: 4950740
Ion Ratio Lower Upper
228 100
226 27.8 21.8 32.6
229 20.0 15.8 23.8

Manual Integrations
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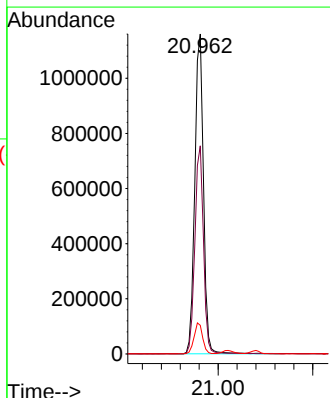
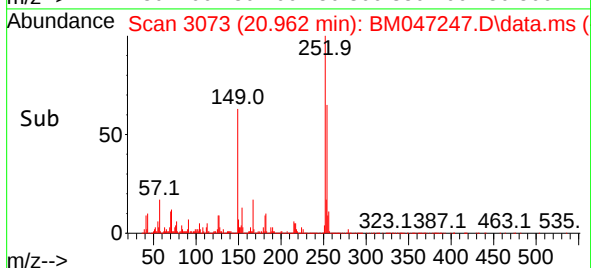
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

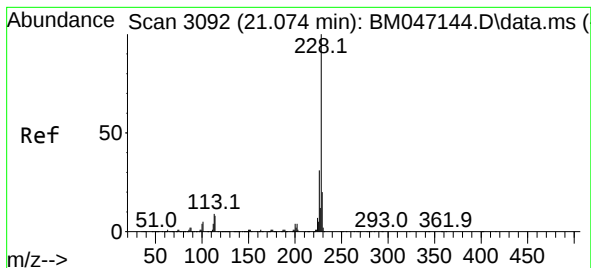


#82
3,3'-Dichlorobenzidine
Concen: 44.745 ng
RT: 20.962 min Scan# 3073
Delta R.T. 0.006 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:252 Resp: 1472565
Ion Ratio Lower Upper
252 100
254 65.1 51.0 76.6
126 9.0 8.5 12.7





#83

Chrysene

Concen: 46.323 ng

RT: 21.080 min Scan# 3092

Delta R.T. 0.006 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:228 Resp: 462280

Ion Ratio Lower Upper

228 100

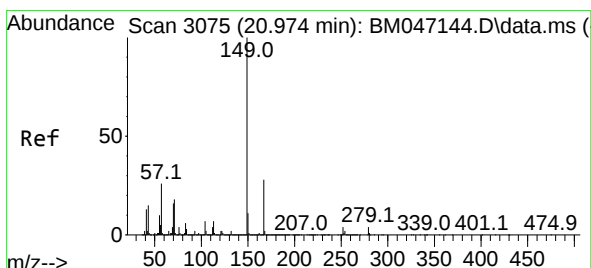
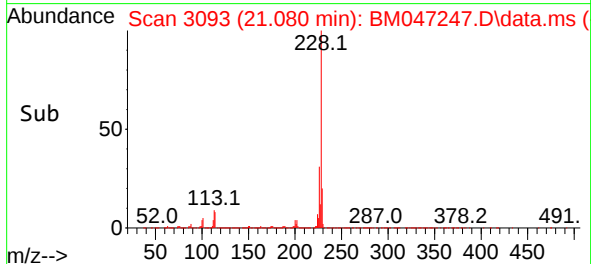
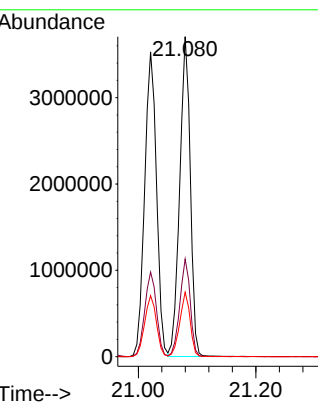
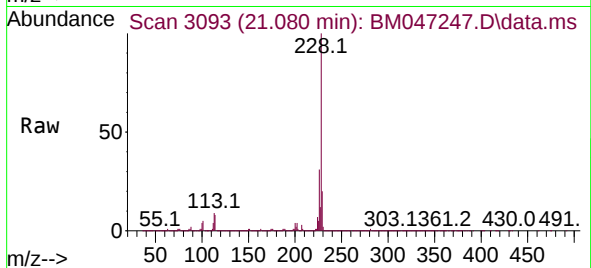
226 30.5 24.4 36.6

229 20.2 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.690 ng

RT: 20.974 min Scan# 3075

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

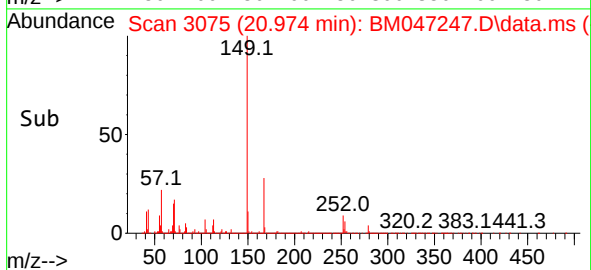
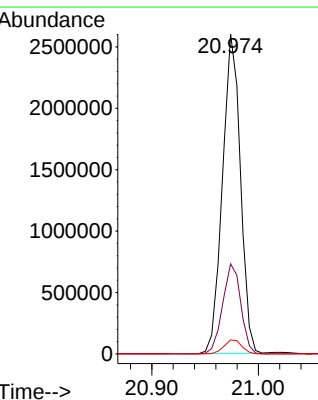
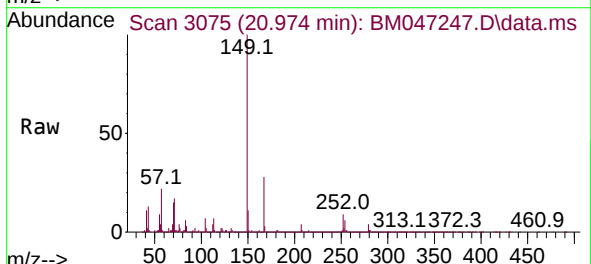
Tgt Ion:149 Resp: 3057109

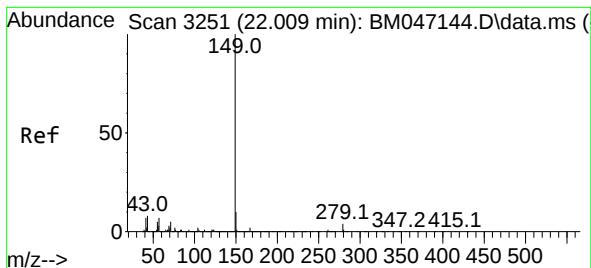
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.2

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 50.013 ng

RT: 22.009 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:149 Resp: 556602

Ion Ratio Lower Upper

149 100

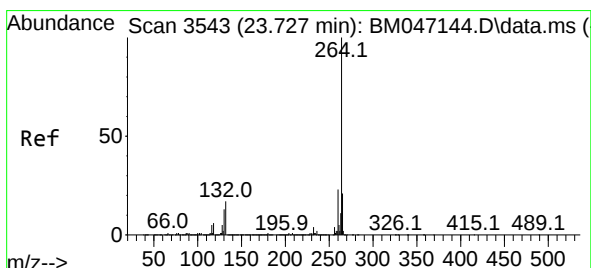
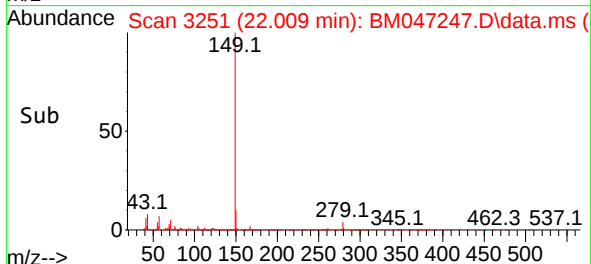
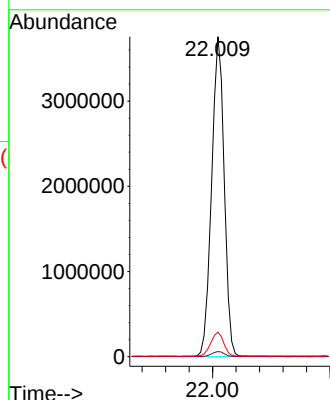
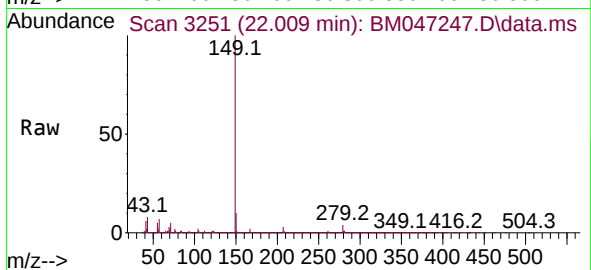
167 1.6 1.3 1.9

43 7.7 6.9 10.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.744 min Scan# 3546

Delta R.T. 0.017 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

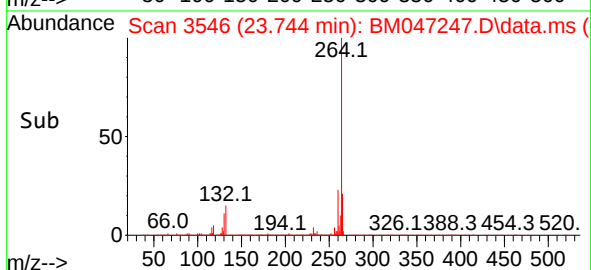
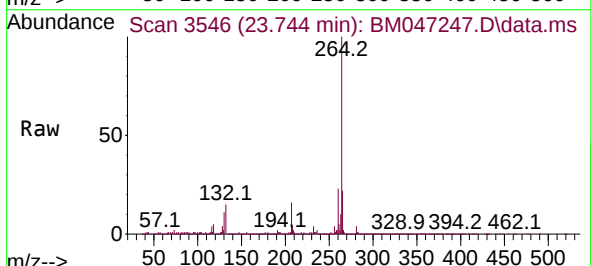
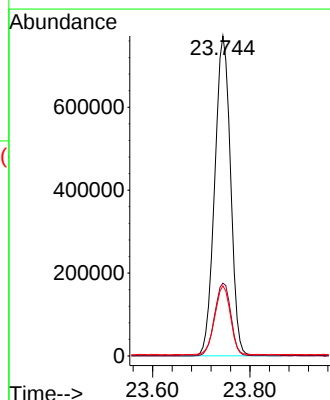
Tgt Ion:264 Resp: 1735614

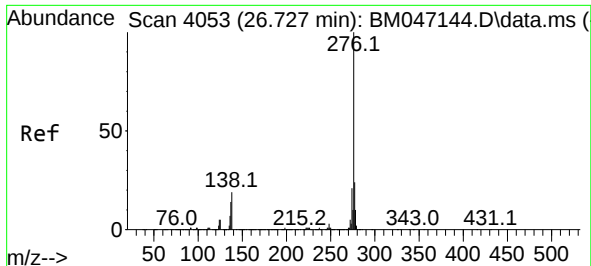
Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 21.9 17.3 25.9





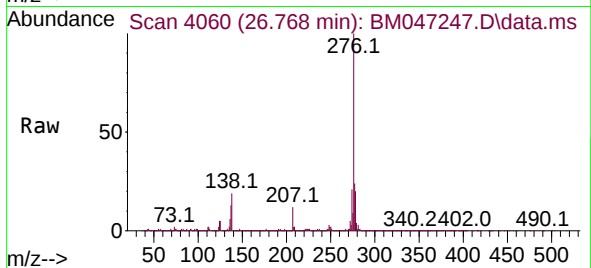
#87
Indeno(1,2,3-cd)pyrene
Concen: 47.874 ng
RT: 26.768 min Scan# 4053
Delta R.T. 0.041 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

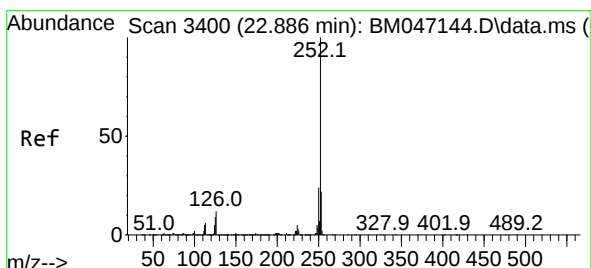
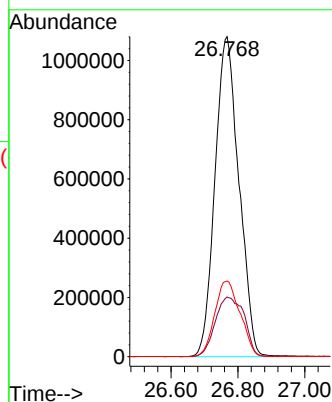
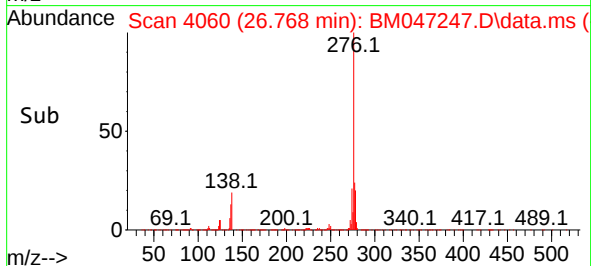


Tgt Ion:276 Resp: 537080
Ion Ratio Lower Upper
276 100
138 22.5 19.4 29.0
277 25.0 20.1 30.1

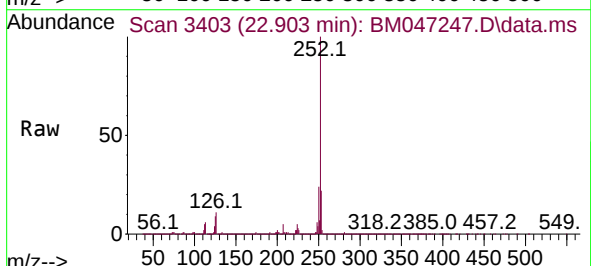
Manual Integrations

APPROVED

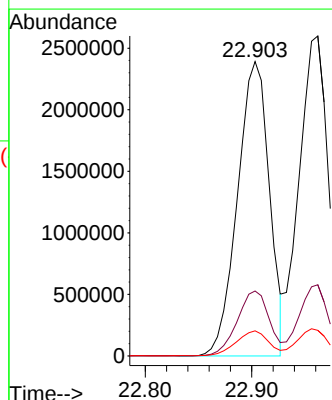
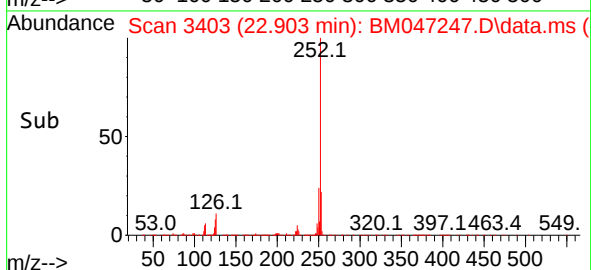
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

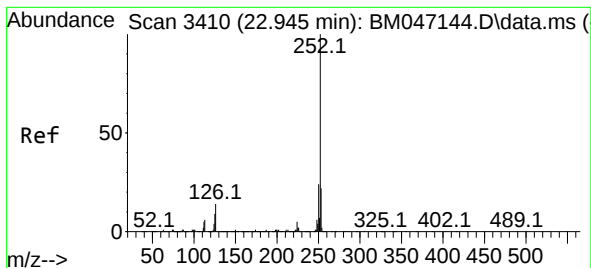


#88
Benzo(b)fluoranthene
Concen: 48.228 ng
RT: 22.903 min Scan# 3403
Delta R.T. 0.017 min
Lab File: BM047247.D
Acq: 19 Aug 2024 11:02



Tgt Ion:252 Resp: 4970869
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 50.827 ng

RT: 22.962 min Scan# 3410

Delta R.T. 0.017 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:252 Resp: 494826

Ion Ratio Lower Upper

252 100

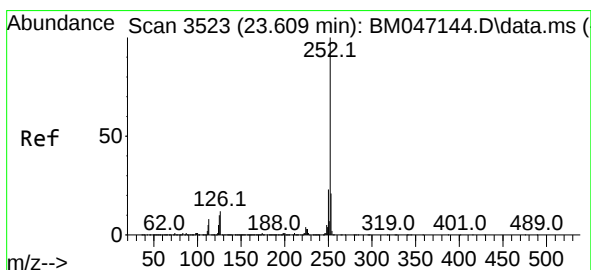
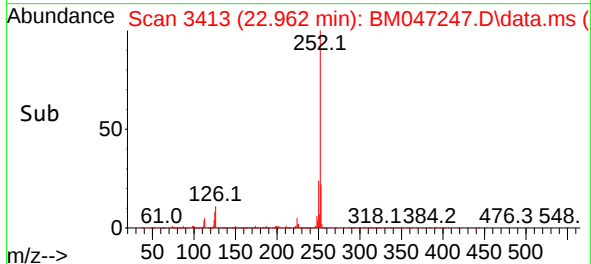
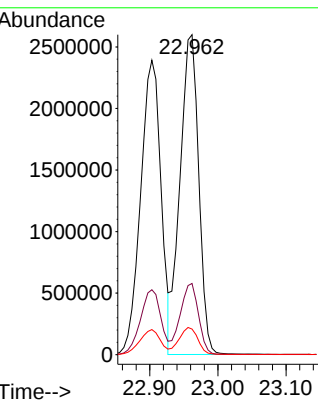
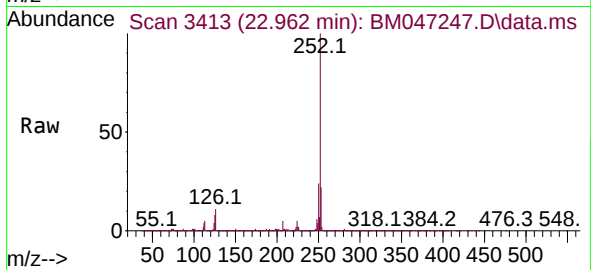
253 22.2 17.7 26.5

125 8.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#90

Benzo(a)pyrene

Concen: 51.919 ng

RT: 23.627 min Scan# 3526

Delta R.T. 0.017 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

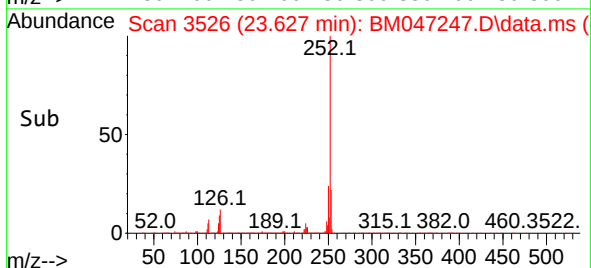
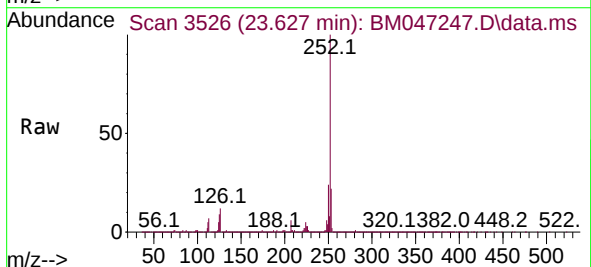
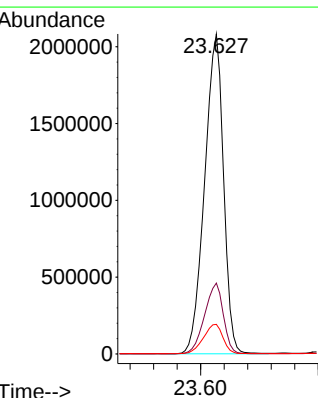
Tgt Ion:252 Resp: 4635663

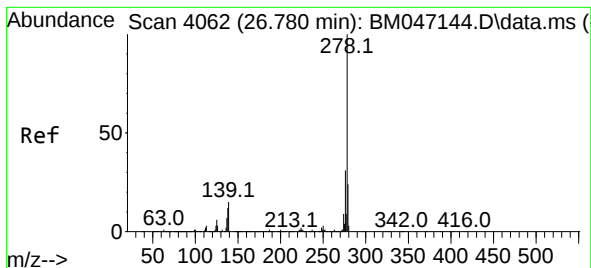
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 9.3 8.2 12.2





#91

Dibenzo(a,h)anthracene

Concen: 48.133 ng

RT: 26.809 min Scan# 4062

Delta R.T. 0.029 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Instrument :

BNA_M

ClientSampleId :

PB162722BS

Tgt Ion:278 Resp: 436998

Ion Ratio Lower Upper

278 100

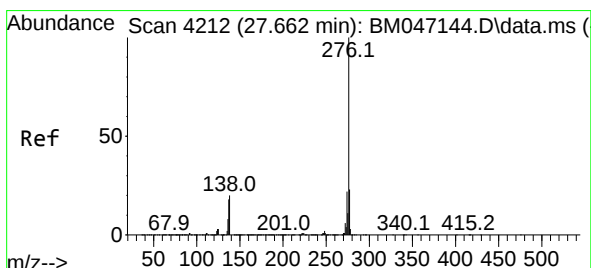
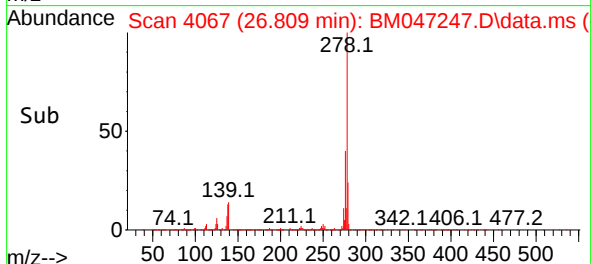
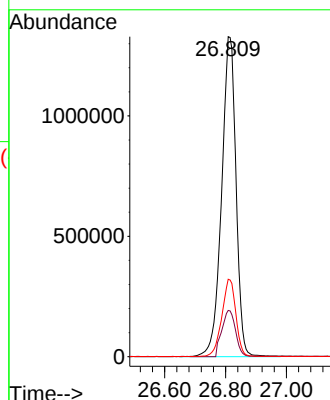
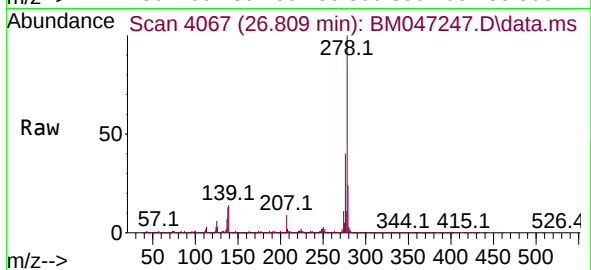
139 14.4 12.0 18.0

279 24.2 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#92

Benzo(g,h,i)perylene

Concen: 43.840 ng

RT: 27.703 min Scan# 4219

Delta R.T. 0.041 min

Lab File: BM047247.D

Acq: 19 Aug 2024 11:02

Tgt Ion:276 Resp: 4132503

Ion Ratio Lower Upper

276 100

277 23.3 18.8 28.2

138 19.2 16.2 24.4

