

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
 Data File : BM047421.D
 Acq On : 03 Sep 2024 12:02
 Operator : RC/JU
 Sample : PB163076BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 03 13:01:15 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 26 18:11:40 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.345	152	367612	20.000	ng	0.00
21) Naphthalene-d8	10.098	136	1387174	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	938359	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	1990359	20.000	ng	0.00
76) Chrysene-d12	21.021	240	1662098	20.000	ng	0.00
86) Perylene-d12	23.721	264	1575901	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	2412150	125.889	ng	0.00
7) Phenol-d6	6.581	99	3074339	117.781	ng	0.01
23) Nitrobenzene-d5	8.498	82	1977208	79.087	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	1431568	126.451	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	4843092	79.302	ng	0.00
79) Terphenyl-d14	19.445	244	7843574	83.998	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.016	88	214453	27.344	ng	98
3) Pyridine	3.387	79	565477	25.979	ng	99
4) n-Nitrosodimethylamine	3.310	42	347873	39.241	ng	99
6) Aniline	6.698	93	569564	24.092	ng	99
8) 2-Chlorophenol	6.928	128	1005112	46.866	ng	97
9) Benzaldehyde	6.516	77	138126	7.194	ng	97
10) Phenol	6.604	94	1152510	44.878	ng	97
11) bis(2-Chloroethyl)ether	6.798	93	928919	41.740	ng	98
12) 1,3-Dichlorobenzene	7.234	146	1083881	41.330	ng	99
13) 1,4-Dichlorobenzene	7.381	146	1100811	41.447	ng	98
14) 1,2-Dichlorobenzene	7.687	146	1070654	42.537	ng	99
15) Benzyl Alcohol	7.604	79	858266	47.428	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.863	45	1064862	39.905	ng	99
17) 2-Methylphenol	7.816	107	784405	43.963	ng	98
18) Hexachloroethane	8.387	117	408162	41.110	ng	97
19) n-Nitroso-di-n-propyla...	8.163	70	680161	37.907	ng	96
20) 3+4-Methylphenols	8.145	107	1061642	42.795	ng	98
22) Acetophenone	8.169	105	1258906	39.104	ng	# 99
24) Nitrobenzene	8.539	77	1033178	40.182	ng	97
25) Isophorone	9.063	82	1957857	41.435	ng	99
26) 2-Nitrophenol	9.239	139	586580	46.379	ng	96
27) 2,4-Dimethylphenol	9.322	122	702806	49.230	ng	99
28) bis(2-Chloroethoxy)met...	9.545	93	1201565	41.527	ng	99
29) 2,4-Dichlorophenol	9.781	162	1067262	48.193	ng	99
30) 1,2,4-Trichlorobenzene	9.969	180	1112382	43.488	ng	98
31) Naphthalene	10.151	128	2861366	42.233	ng	99
32) Benzoic acid	9.569	122	686198	40.253	ng	97
33) 4-Chloroaniline	10.286	127	705160	27.991	ng	99
34) Hexachlorobutadiene	10.422	225	709834	44.434	ng	99
35) Caprolactam	11.128	113	300249m	41.852	ng	
36) 4-Chloro-3-methylphenol	11.451	107	991676	44.096	ng	99
37) 2-Methylnaphthalene	11.775	142	2092779	42.364	ng	99
38) 1-Methylnaphthalene	12.004	142	1942235	39.753	ng	100
40) 1,2,4,5-Tetrachloroben...	12.163	216	1159025	41.712	ng	99
41) Hexachlorocyclopentadiene	12.127	237	823195	93.869	ng	99
43) 2,4,6-Trichlorophenol	12.427	196	890376	46.743	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.527	196	900977	42.591	ng	98
46) 1,1'-Biphenyl	12.827	154	2539428	38.757	ng	99
47) 2-Chloronaphthalene	12.863	162	2122590	41.339	ng	99
48) 2-Nitroaniline	13.104	65	614881	42.751	ng	95
49) Acenaphthylene	13.727	152	3385978	45.373	ng	99
50) Dimethylphthalate	13.492	163	2832217	43.804	ng	99
51) 2,6-Dinitrotoluene	13.616	165	648433	43.074	ng	97
52) Acenaphthene	14.074	154	1978622	41.766	ng	99
53) 3-Nitroaniline	13.951	138	533199	38.384	ng	96
54) 2,4-Dinitrophenol	14.186	184	880373	94.962	ng	90
55) Dibenzofuran	14.416	168	3312842	43.415	ng	100
56) 4-Nitrophenol	14.321	139	949584	87.451	ng	95
57) 2,4-Dinitrotoluene	14.427	165	866563	44.467	ng	# 86
58) Fluorene	15.074	166	2616700	42.372	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.663	232	809159	46.569	ng	97
60) Diethylphthalate	14.874	149	2753026	43.165	ng	99
61) 4-Chlorophenyl-phenyle...	15.074	204	1392273	44.318	ng	95
62) 4-Nitroaniline	15.139	138	585324	45.550	ng	97
63) Azobenzene	15.368	77	2299091	41.396	ng	98
65) 4,6-Dinitro-2-methylph...	15.204	198	584952	47.883	ng	97
66) n-Nitrosodiphenylamine	15.304	169	2348375	43.120	ng	100
67) 4-Bromophenyl-phenylether	15.974	248	913251	43.493	ng	95
68) Hexachlorobenzene	16.086	284	1032957	42.593	ng	95
69) Atrazine	16.274	200	688128	38.655	ng	100
70) Pentachlorophenol	16.445	266	1309502	83.517	ng	98
71) Phenanthrene	16.821	178	4215967	43.616	ng	100
72) Anthracene	16.910	178	4194210	44.511	ng	100
73) Carbazole	17.198	167	4019956	44.458	ng	100
74) Di-n-butylphthalate	17.768	149	4865190	44.186	ng	99
75) Fluoranthene	18.856	202	5157421	45.441	ng	99
77) Benzidine	19.068	184	462746	16.679	ng	100
78) Pyrene	19.221	202	5280276	41.421	ng	100
80) Butylbenzylphthalate	20.156	149	2199093	44.083	ng	96
81) Benzo(a)anthracene	21.003	228	4837755	44.632	ng	99
82) 3,3'-Dichlorobenzidine	20.945	252	1498159	41.089	ng	# 98
83) Chrysene	21.062	228	4501338	44.148	ng	99
84) Bis(2-ethylhexyl)phtha...	20.950	149	3042632	43.155	ng	# 99
85) Di-n-octyl phthalate	21.980	149	5354177	45.118	ng	98
87) Indeno(1,2,3-cd)pyrene	26.750	276	4770674	48.359	ng	98
88) Benzo(b)fluoranthene	22.880	252	4768015	51.859	ng	99
89) Benzo(k)fluoranthene	22.939	252	4504415	51.681	ng	99
90) Benzo(a)pyrene	23.597	252	4235813	53.274	ng	99
91) Dibenzo(a,h)anthracene	26.779	278	3870723	48.433	ng	99
92) Benzo(g,h,i)perylene	27.674	276	3730643	44.902	ng	98

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

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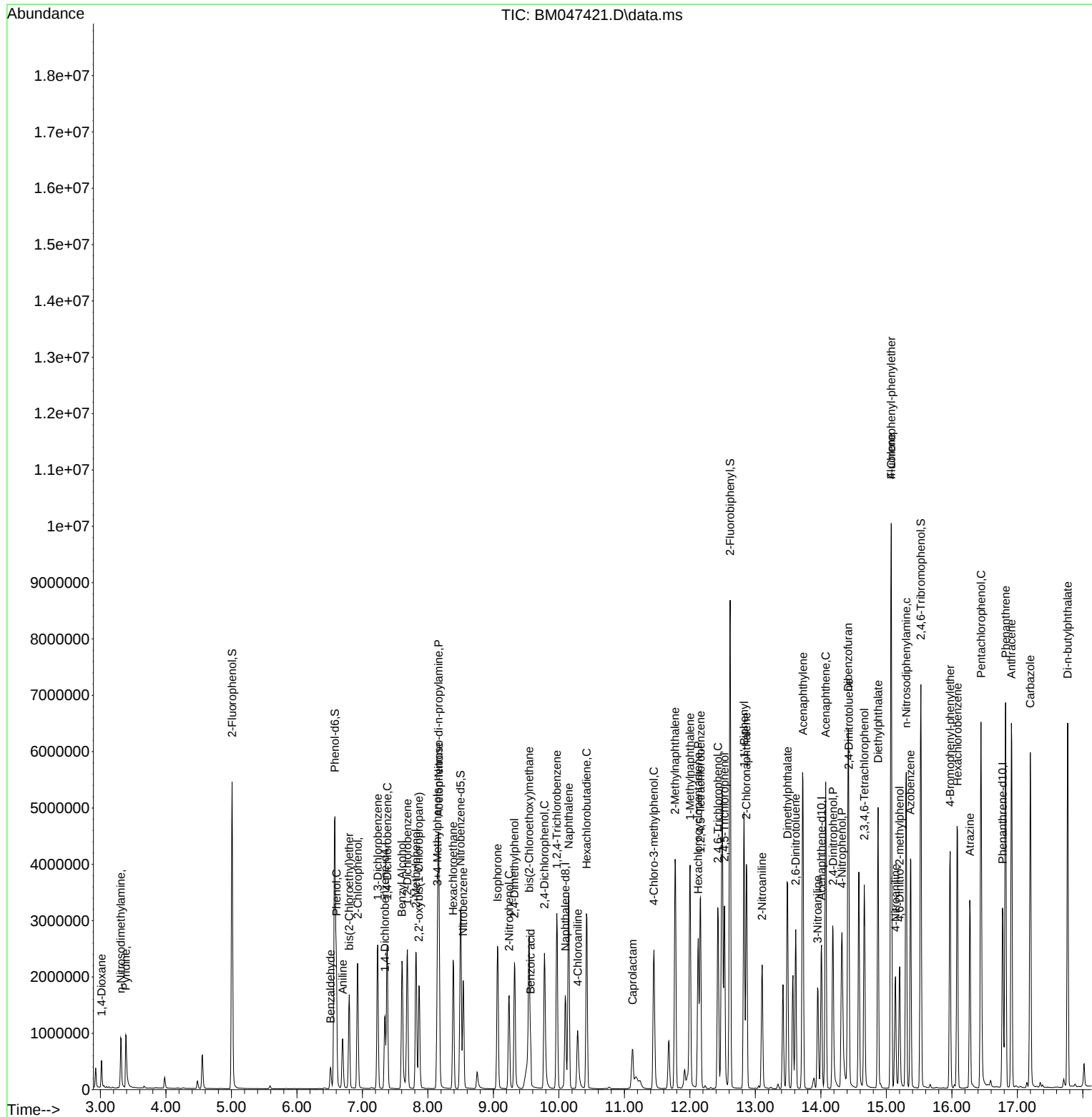
PB163076BS

Manual Integrations

APPROVED

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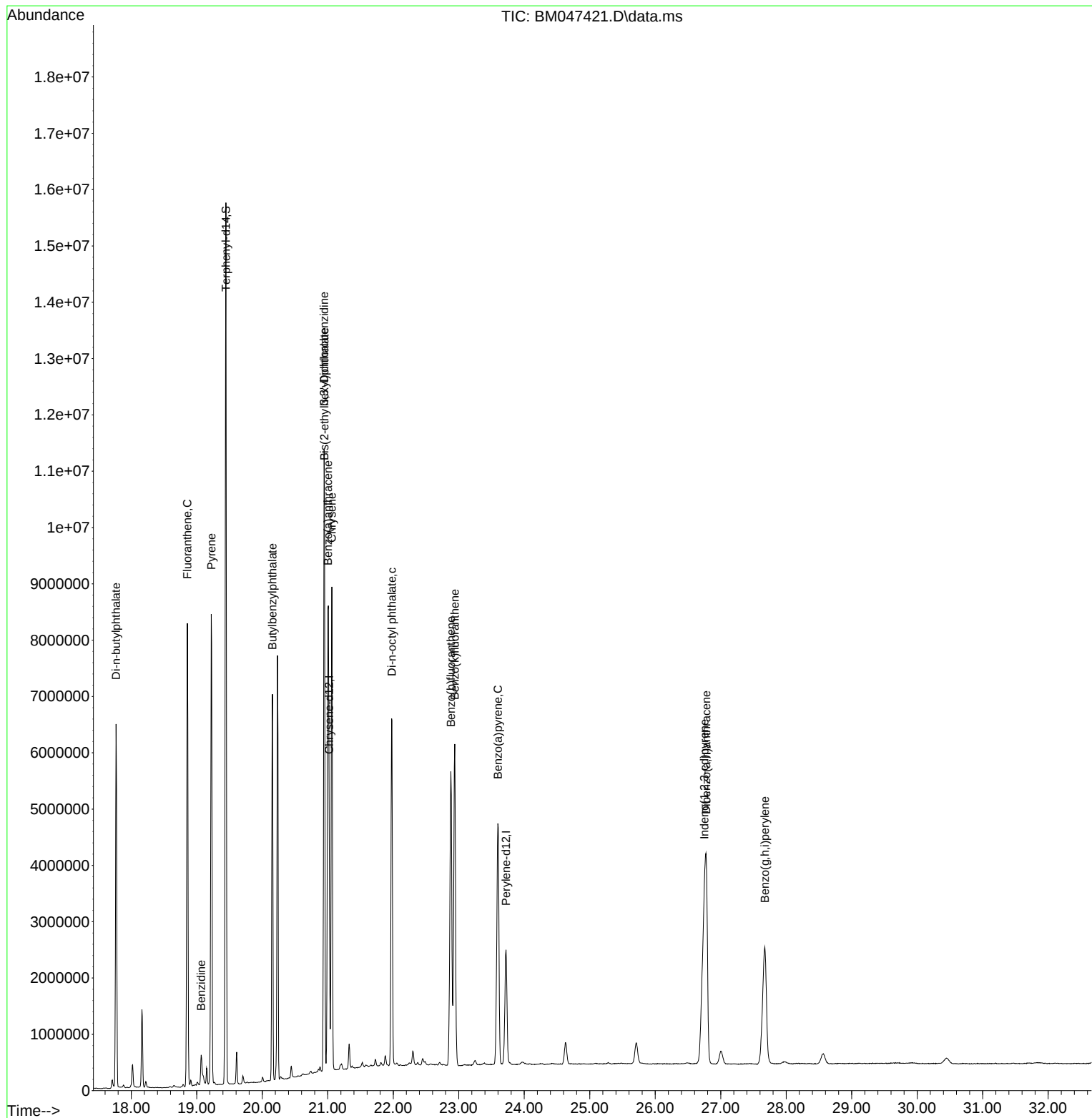
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090324\
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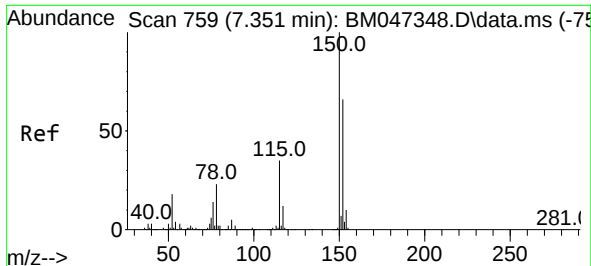
Instrument :
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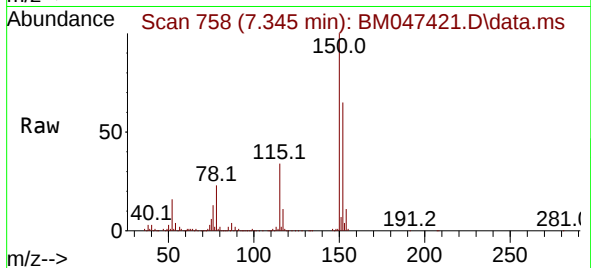
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.345 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

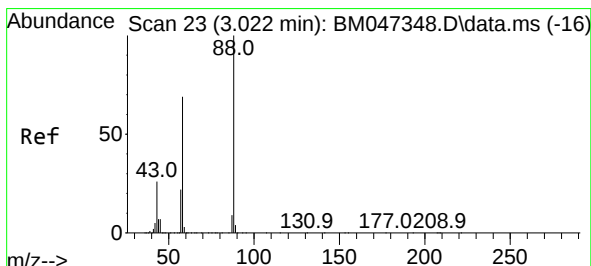
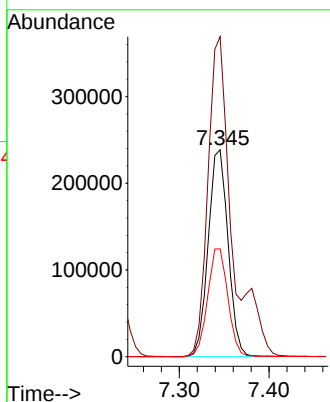
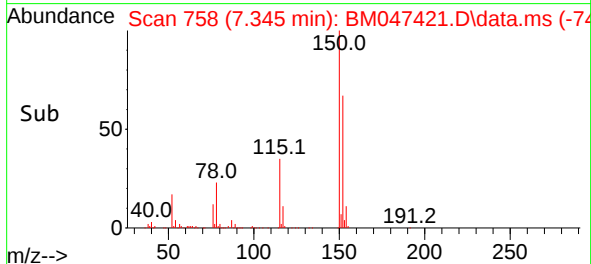
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:152 Resp: 36761
Ion Ratio Lower Upper
152 100
150 154.7 121.3 181.9
115 52.2 42.6 64.0

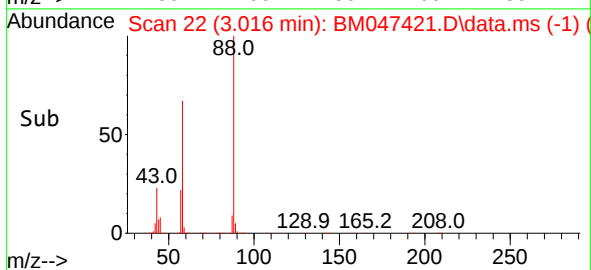
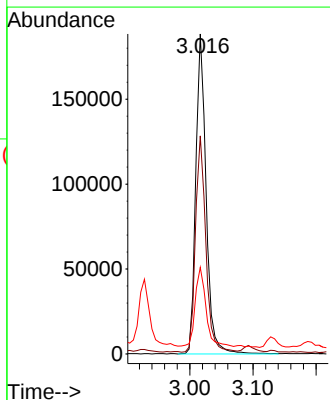
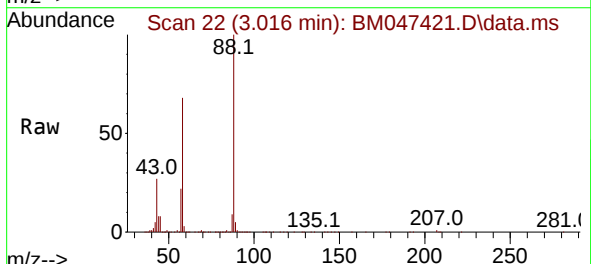
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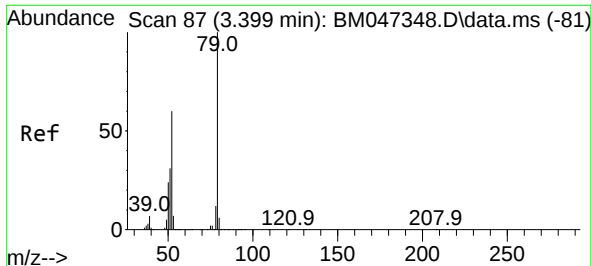
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#2
1,4-Dioxane
Concen: 27.344 ng
RT: 3.016 min Scan# 22
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion: 88 Resp: 214453
Ion Ratio Lower Upper
88 100
58 67.1 55.4 83.0
43 25.5 20.7 31.1





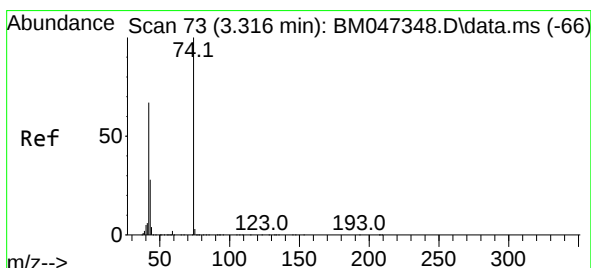
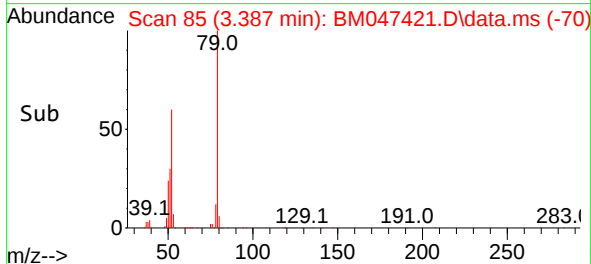
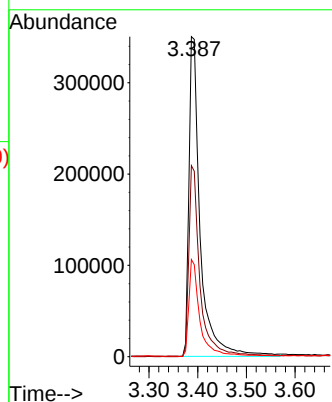
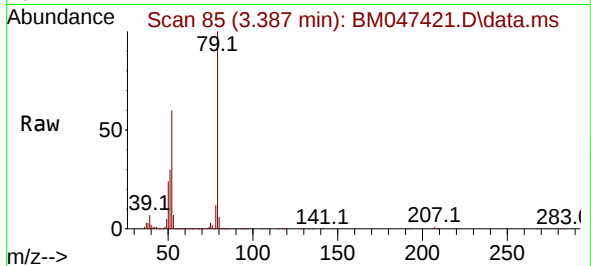
#3
Pyridine
Concen: 25.979 ng
RT: 3.387 min Scan# 81
Delta R.T. -0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

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ClientSampleId :
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Tgt Ion: 79 Resp: 56547
Ion Ratio Lower Upper
79 100
52 59.7 47.8 71.6
51 30.4 25.0 37.4

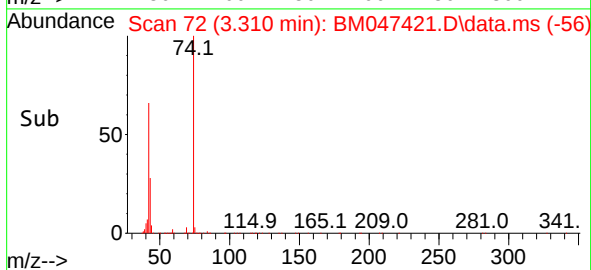
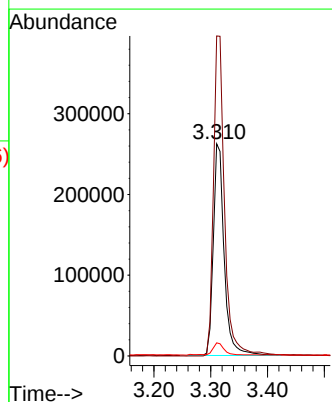
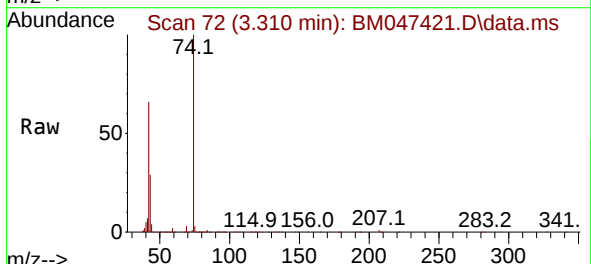
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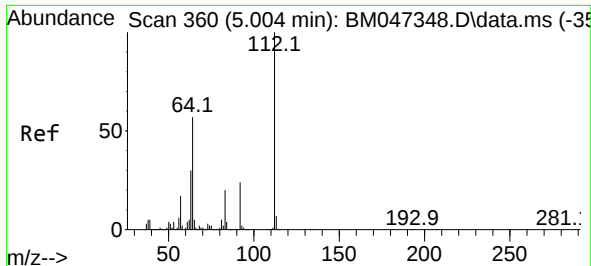
Reviewed By :Jagrut Upadhyay 09/04/2024
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#4
n-Nitrosodimethylamine
Concen: 39.241 ng
RT: 3.310 min Scan# 72
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

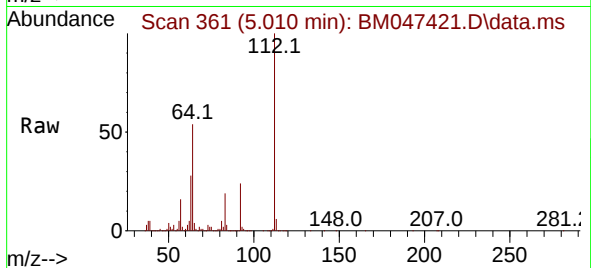
Tgt Ion: 42 Resp: 347873
Ion Ratio Lower Upper
42 100
74 150.8 119.2 178.8
44 6.2 5.2 7.8





#5
2-Fluorophenol
Concen: 125.889 ng
RT: 5.010 min Scan# 360
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

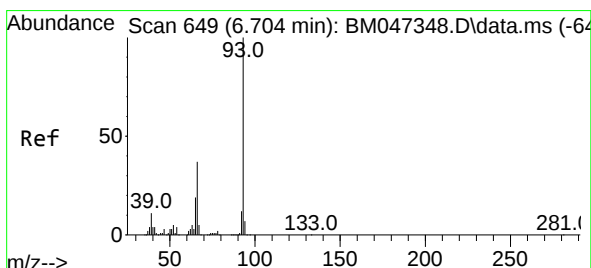
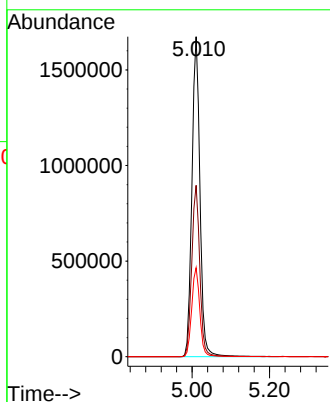
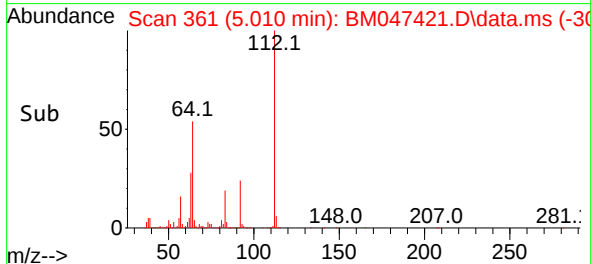
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Tgt Ion: 112 Resp: 2412150
Ion Ratio Lower Upper
112 100
64 53.5 45.7 68.5
63 27.8 23.8 35.8

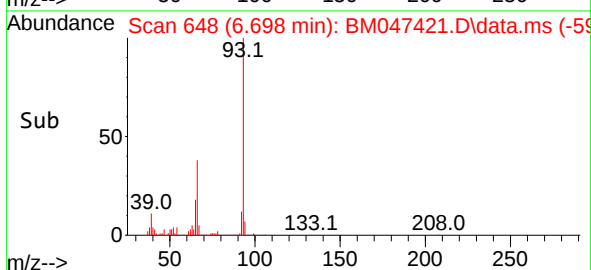
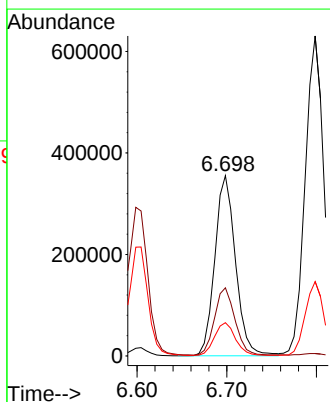
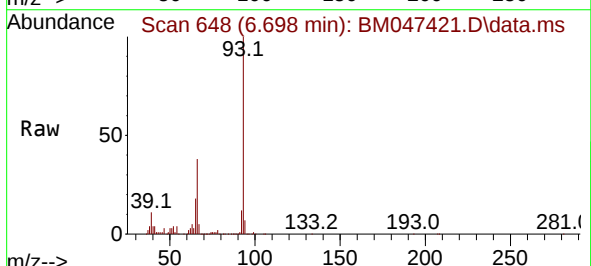
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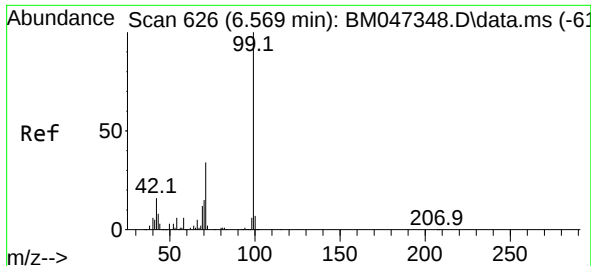
Reviewed By :Jagrut Upadhyay 09/04/2024
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#6
Aniline
Concen: 24.092 ng
RT: 6.698 min Scan# 648
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

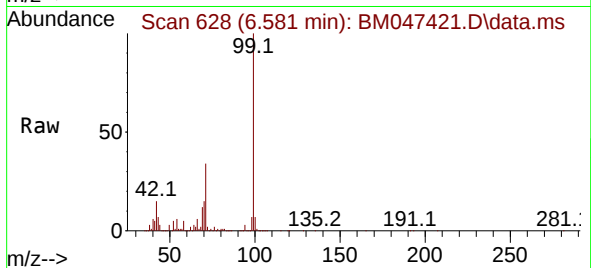
Tgt Ion: 93 Resp: 569564
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 18.4 15.5 23.3





#7
Phenol-d6
Concen: 117.781 ng
RT: 6.581 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

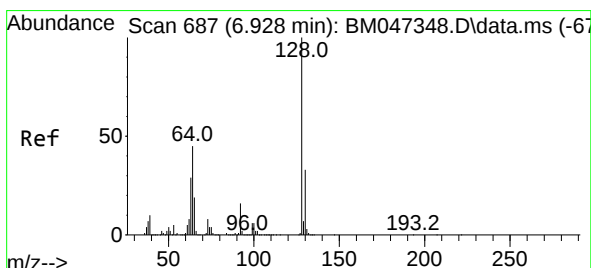
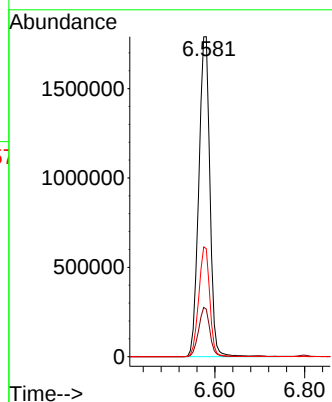
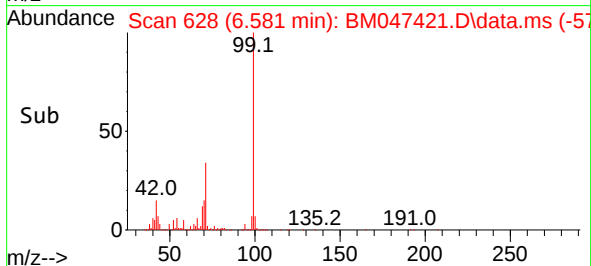
Instrument :
BNA_M
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Tgt Ion: 99 Resp: 3074339
Ion Ratio Lower Upper
99 100
42 14.8 13.0 19.4
71 33.7 27.5 41.3

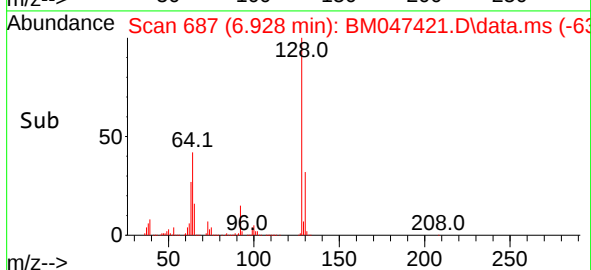
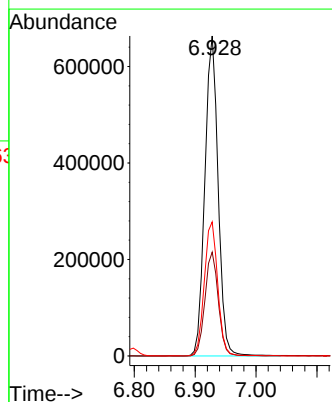
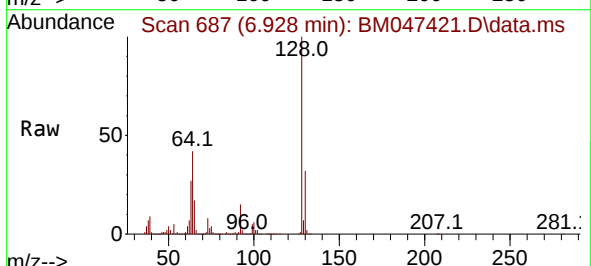
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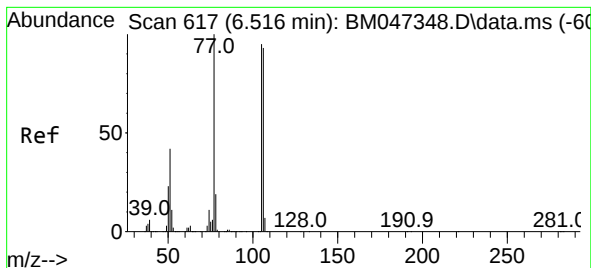
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#8
2-Chlorophenol
Concen: 46.866 ng
RT: 6.928 min Scan# 687
Delta R.T. 0.000 min
Lab File: BM047421.D
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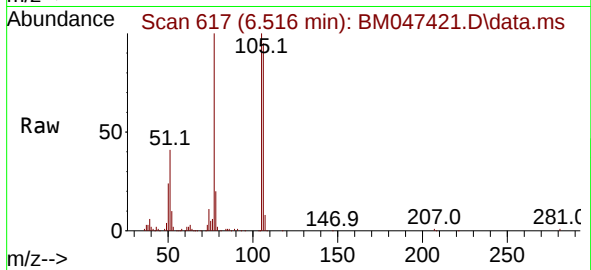
Tgt Ion:128 Resp: 1005112
Ion Ratio Lower Upper
128 100
130 32.4 12.9 52.9
64 41.9 25.3 65.3





#9
Benzaldehyde
Concen: 7.194 ng
RT: 6.516 min Scan# 617
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

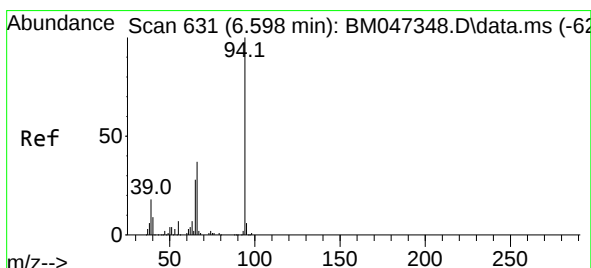
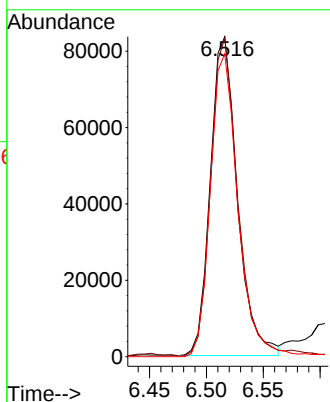
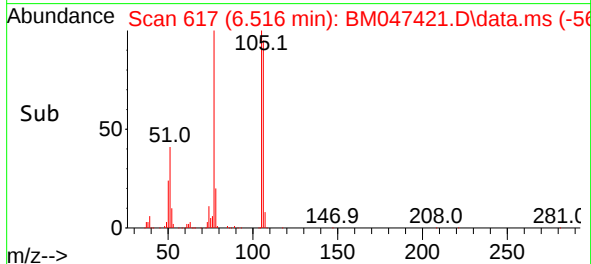
Instrument :
BNA_M
ClientSampleId :
PB163076BS



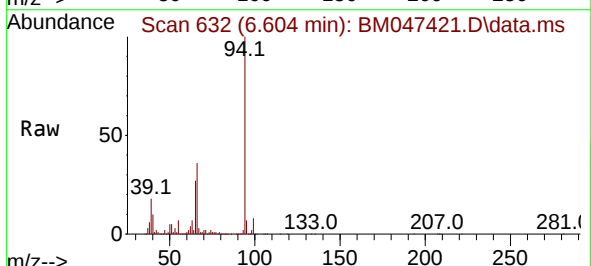
Tgt Ion: 77 Resp: 138120
Ion Ratio Lower Upper
77 100
105 99.5 74.9 114.9
106 94.7 72.6 112.6

Manual Integrations
APPROVED

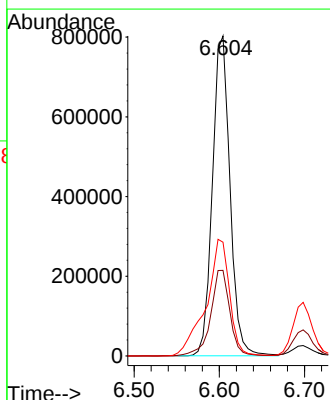
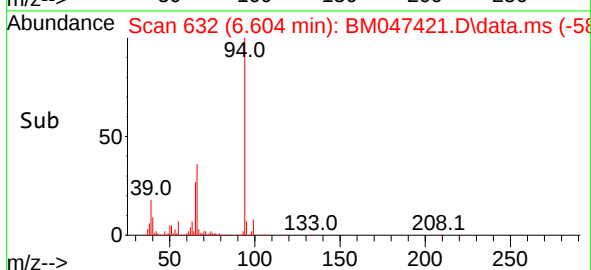
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

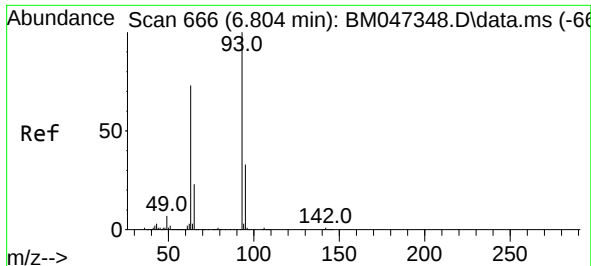


#10
Phenol
Concen: 44.878 ng
RT: 6.604 min Scan# 632
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion: 94 Resp: 1152510
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 35.6 17.3 57.3





#11
bis(2-Chloroethyl)ether
Concen: 41.740 ng
RT: 6.798 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

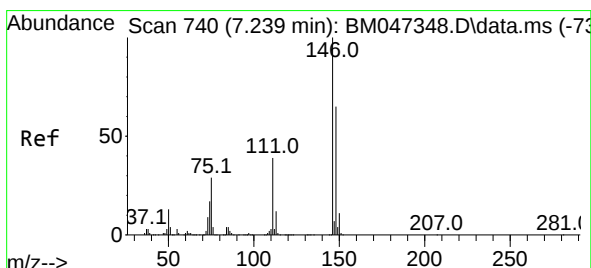
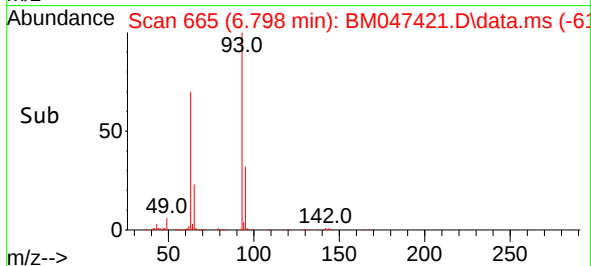
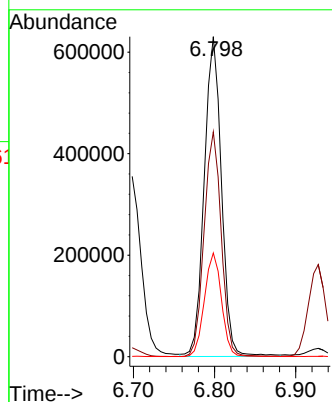
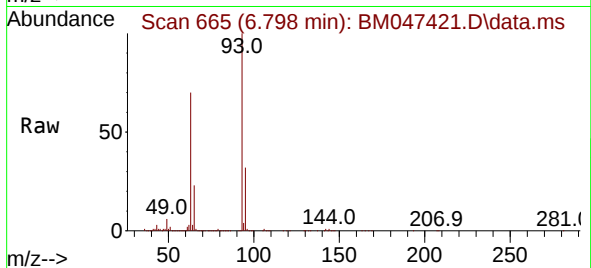
PB163076BS

Tgt Ion: 93 Resp: 928919
Ion Ratio Lower Upper
93 100
63 70.2 52.2 92.2
95 32.4 12.9 52.9

Manual Integrations

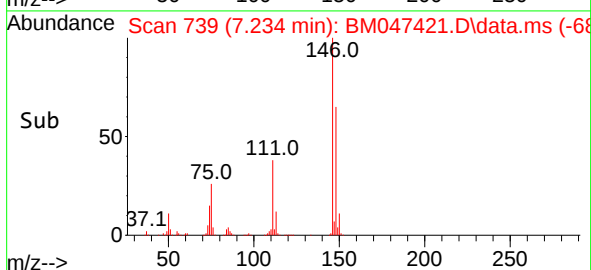
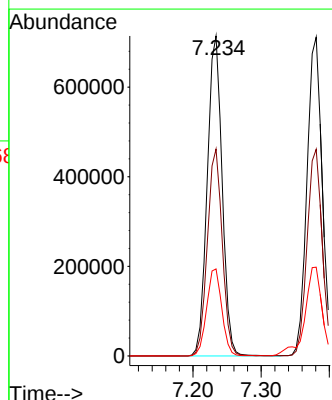
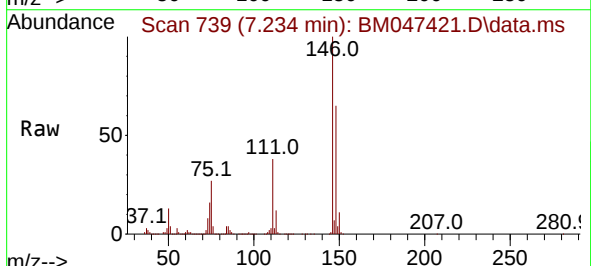
APPROVED

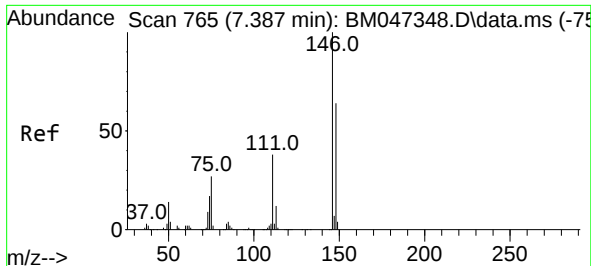
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#12
1,3-Dichlorobenzene
Concen: 41.330 ng
RT: 7.234 min Scan# 739
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion:146 Resp: 1083881
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
75 27.2 23.3 34.9





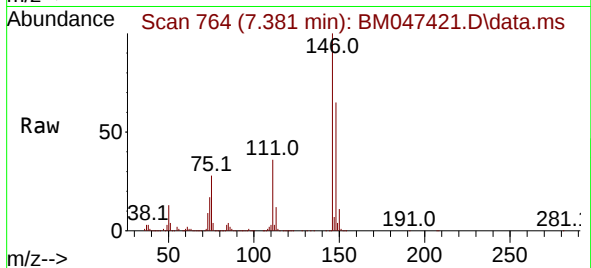
#13
1,4-Dichlorobenzene
Concen: 41.447 ng
RT: 7.381 min Scan# 701
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

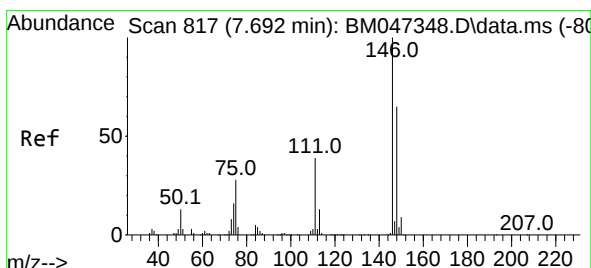
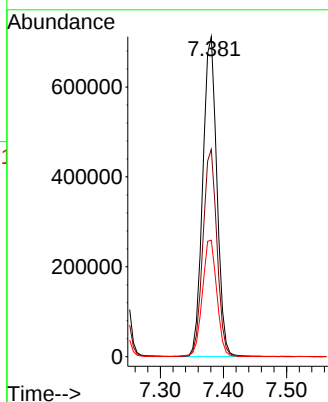
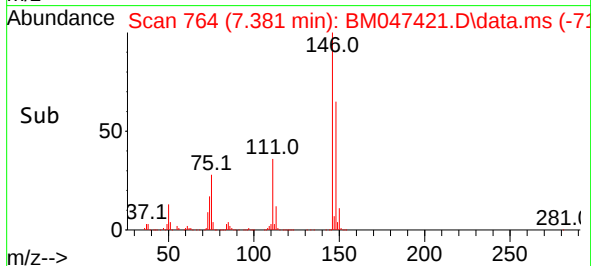


Tgt Ion:146 Resp: 110081
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.6
111 36.4 30.2 45.2

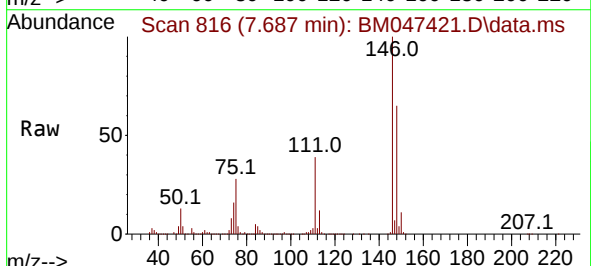
Manual Integrations

APPROVED

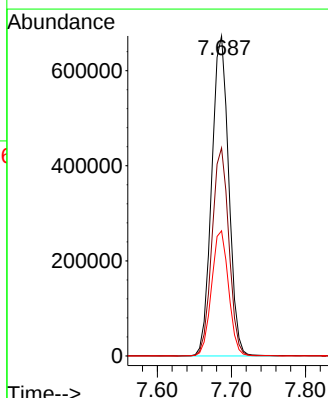
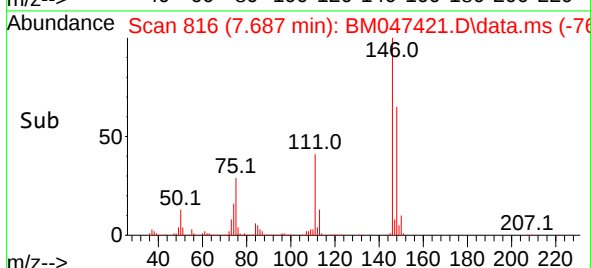
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#14
1,2-Dichlorobenzene
Concen: 42.537 ng
RT: 7.687 min Scan# 816
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



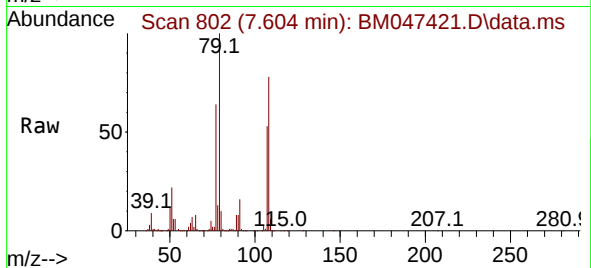
Tgt Ion:146 Resp: 1070654
Ion Ratio Lower Upper
146 100
148 65.0 51.8 77.6
111 39.1 31.7 47.5





#15
Benzyl Alcohol
Concen: 47.428 ng
RT: 7.604 min Scan# 802
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

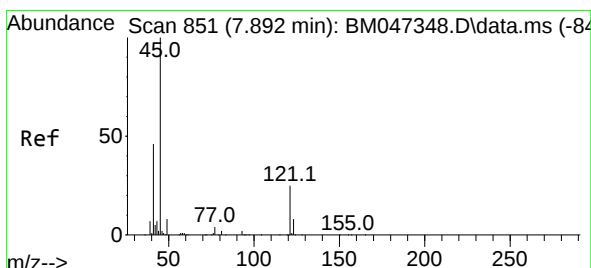
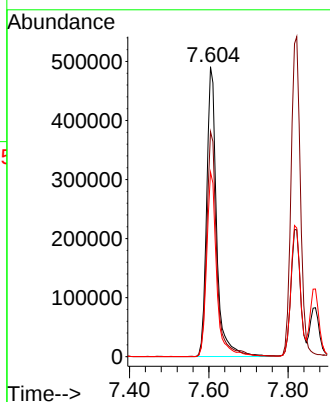
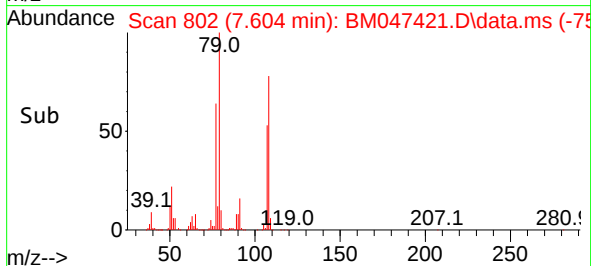
Instrument :
BNA_M
ClientSampleId :
PB163076BS



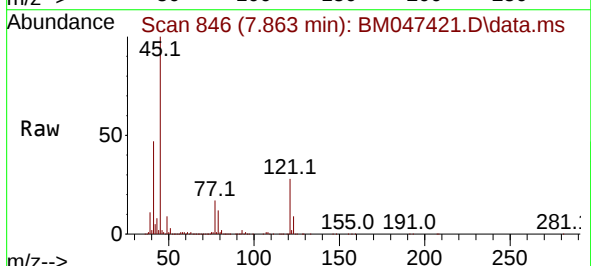
Tgt Ion: 79 Resp: 858260
Ion Ratio Lower Upper
79 100
108 77.6 61.1 91.7
77 63.6 51.9 77.9

Manual Integrations
APPROVED

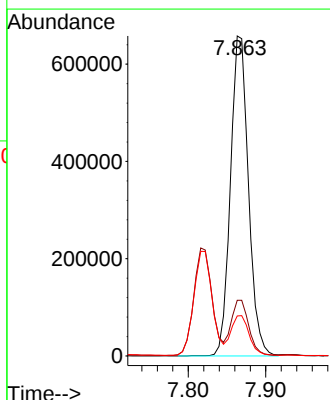
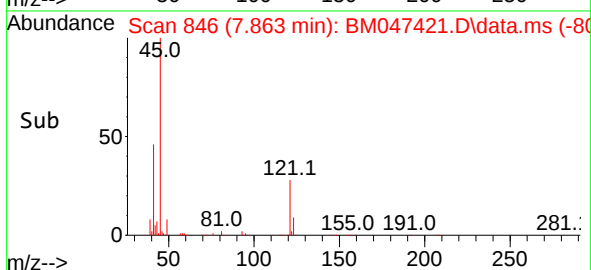
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

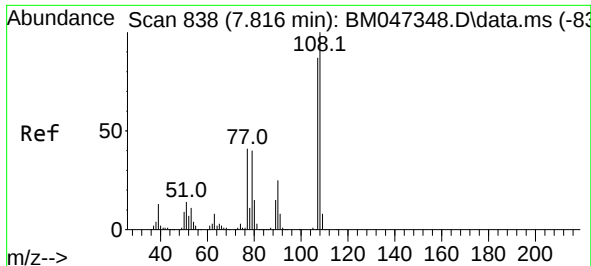


#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.905 ng
RT: 7.863 min Scan# 846
Delta R.T. -0.029 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



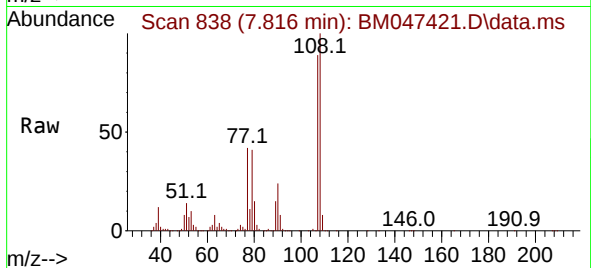
Tgt Ion: 45 Resp: 1064862
Ion Ratio Lower Upper
45 100
77 17.4 0.0 36.7
79 12.5 0.0 33.0





#17
2-Methylphenol
Concen: 43.963 ng
RT: 7.816 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

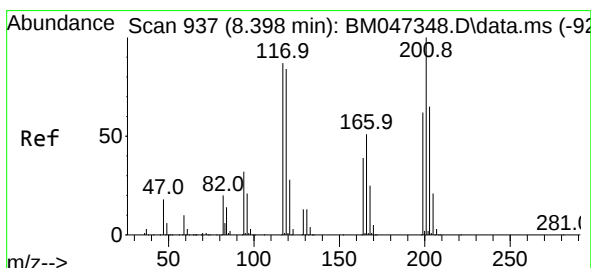
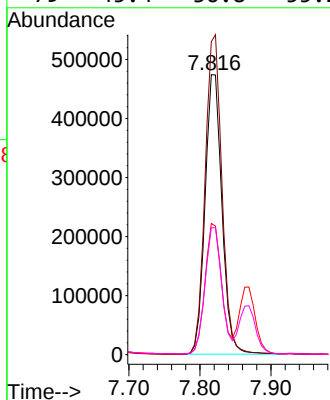
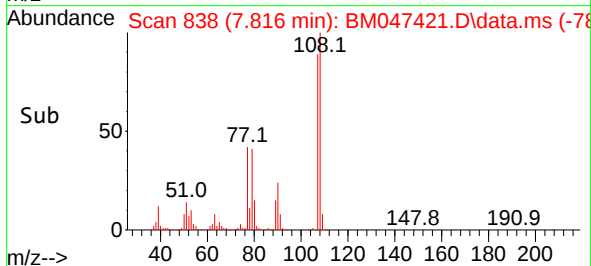
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:	107	Resp:	78440
Ion Ratio	Lower	Upper	
107	100		
108	111.8	91.6	137.4
77	46.8	38.0	57.0
79	45.4	36.8	55.2

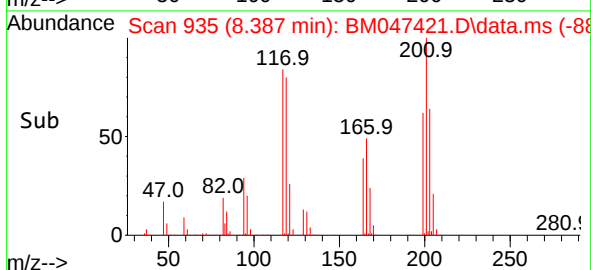
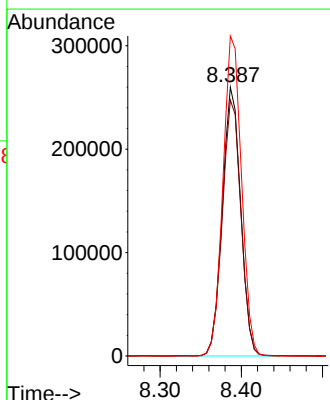
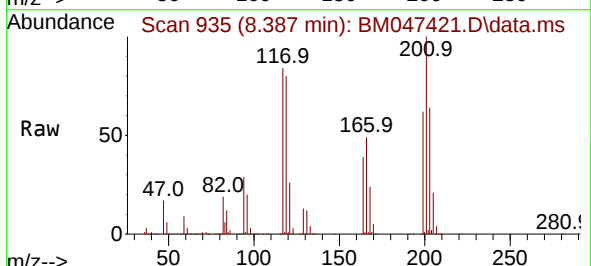
Manual Integrations
APPROVED

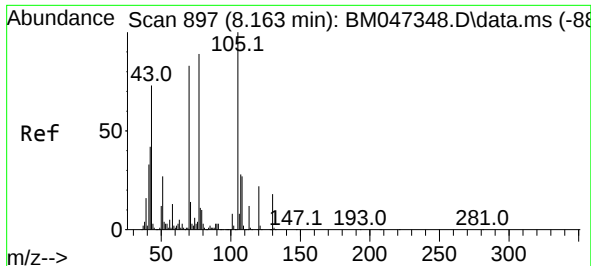
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#18
Hexachloroethane
Concen: 41.110 ng
RT: 8.387 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

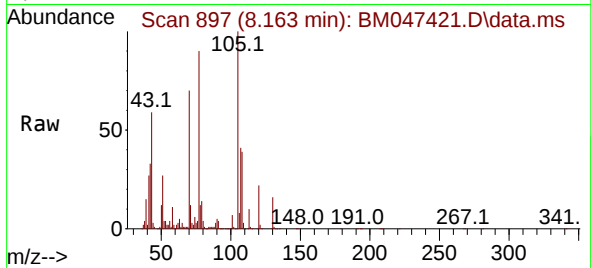
Tgt Ion:	117	Resp:	408162
Ion Ratio	Lower	Upper	
117	100		
119	95.2	77.8	116.8
201	119.0	92.3	138.5





#19
n-Nitroso-di-n-propylamine
Concen: 37.907 ng
RT: 8.163 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

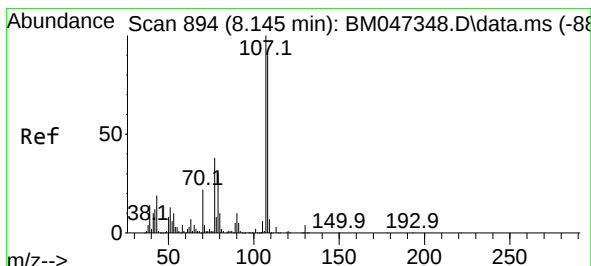
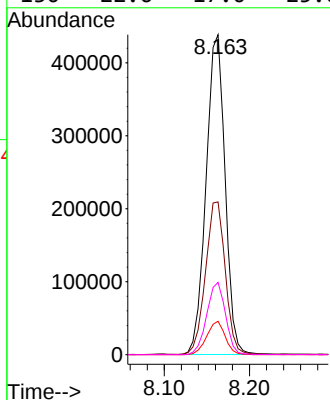
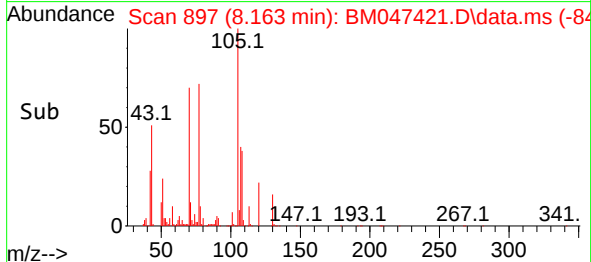
Instrument :
BNA_M
ClientSampleId :
PB163076BS



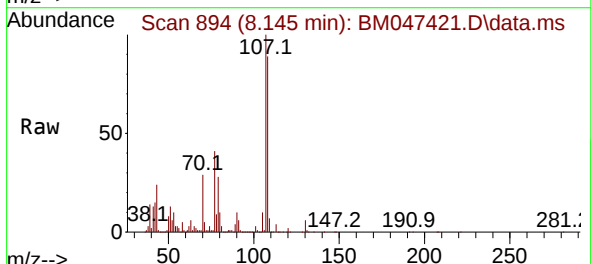
Tgt Ion: 70 Resp: 68016
Ion Ratio Lower Upper
70 100
42 47.7 41.0 61.4
101 10.5 7.9 11.9
130 22.6 17.0 25.6

Manual Integrations
APPROVED

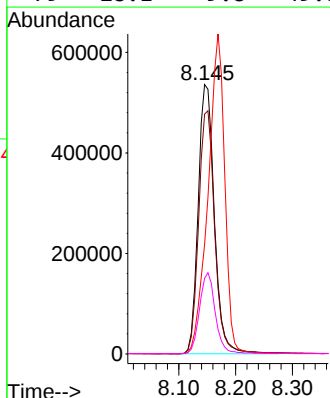
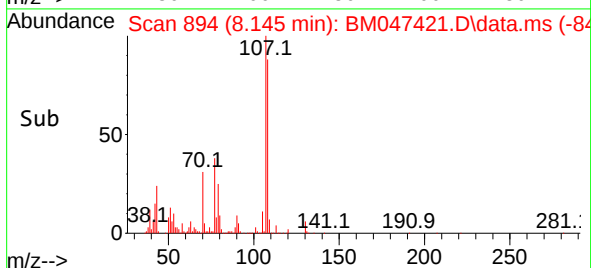
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

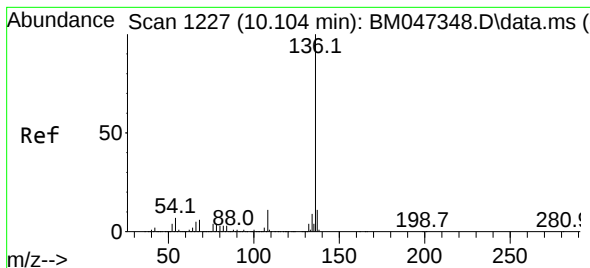


#20
3+4-Methylphenols
Concen: 42.795 ng
RT: 8.145 min Scan# 894
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



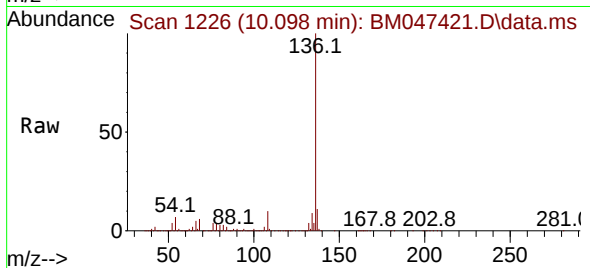
Tgt Ion:107 Resp: 1061642
Ion Ratio Lower Upper
107 100
108 89.0 69.8 109.8
77 40.7 18.0 58.0
79 28.1 9.8 49.8





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1227
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

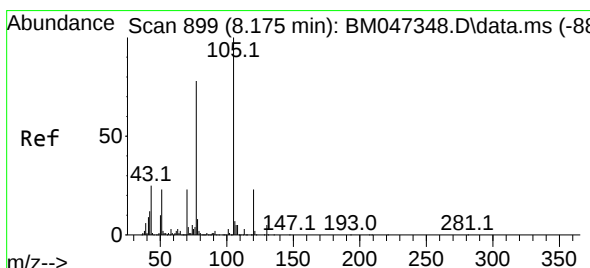
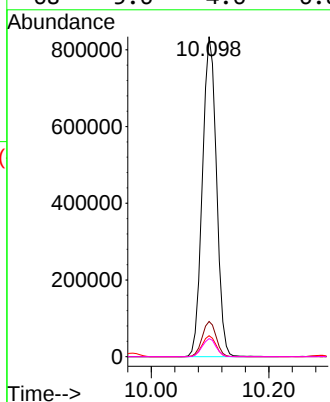
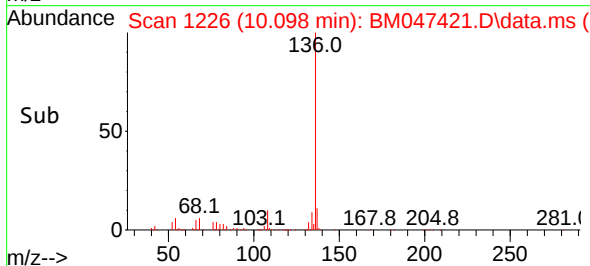
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:136 Resp: 1387174
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 6.5 5.2 7.8
68 5.6 4.6 6.8

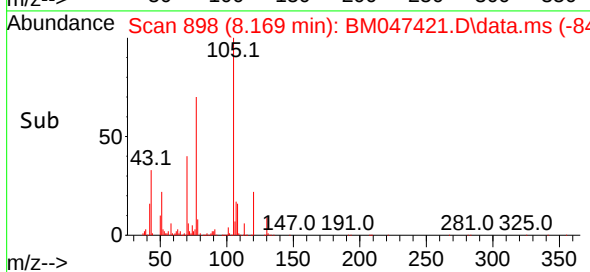
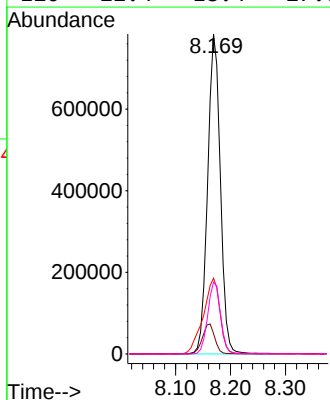
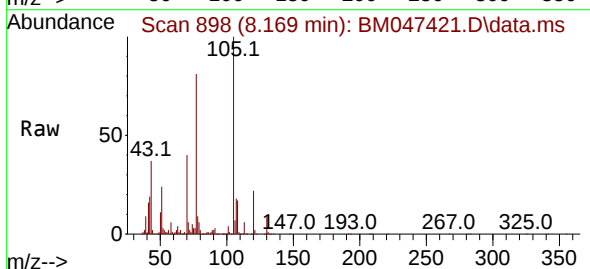
Manual Integrations
APPROVED

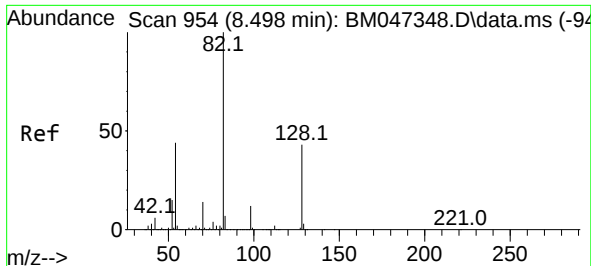
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#22
Acetophenone
Concen: 39.104 ng
RT: 8.169 min Scan# 898
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

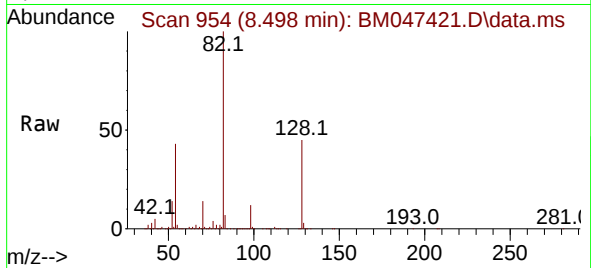
Tgt Ion:105 Resp: 1258906
Ion Ratio Lower Upper
105 100
71 6.3 3.1 4.7#
51 23.7 18.7 28.1
120 22.4 18.4 27.6





#23
Nitrobenzene-d5
Concen: 79.087 ng
RT: 8.498 min Scan# 954
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

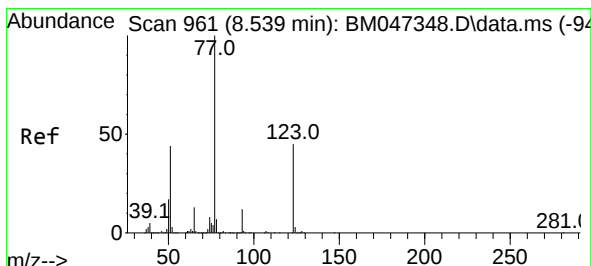
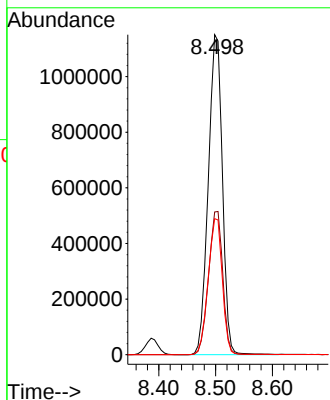
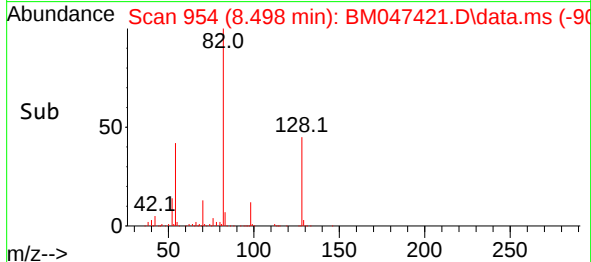
Instrument :
BNA_M
ClientSampleId :
PB163076BS



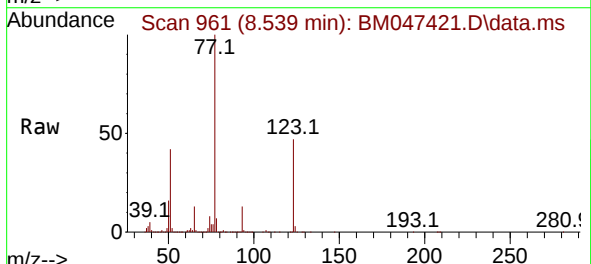
Tgt Ion: 82 Resp: 1977208
Ion Ratio Lower Upper
82 100
128 44.6 34.6 51.8
54 42.5 35.5 53.3

Manual Integrations
APPROVED

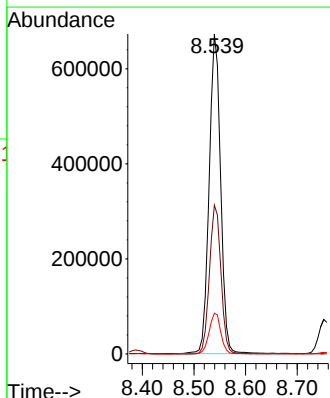
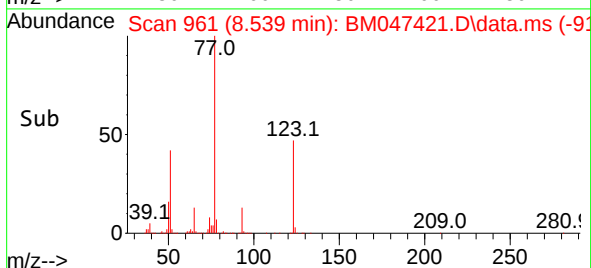
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

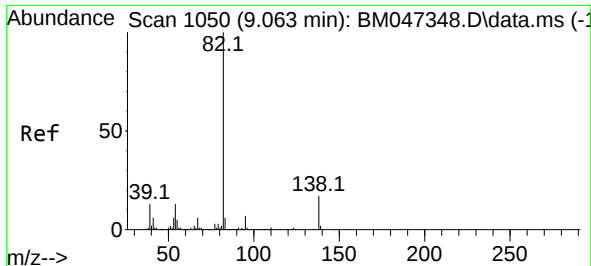


#24
Nitrobenzene
Concen: 40.182 ng
RT: 8.539 min Scan# 961
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



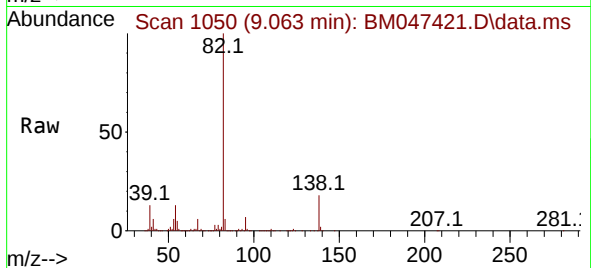
Tgt Ion: 77 Resp: 1033178
Ion Ratio Lower Upper
77 100
123 46.5 35.6 53.4
65 12.7 10.5 15.7





#25
Isophorone
Concen: 41.435 ng
RT: 9.063 min Scan# 1050
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

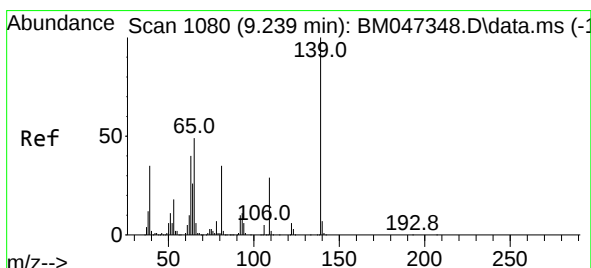
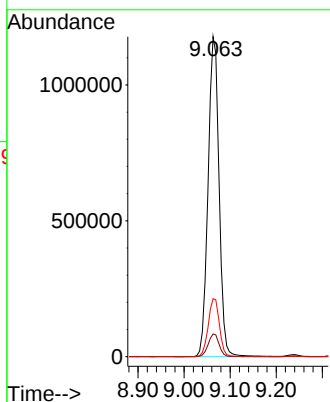
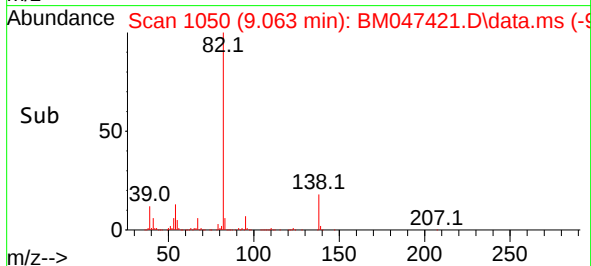
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion: 82 Resp: 195785
Ion Ratio Lower Upper
82 100
95 7.1 5.6 8.4
138 18.1 13.9 20.9

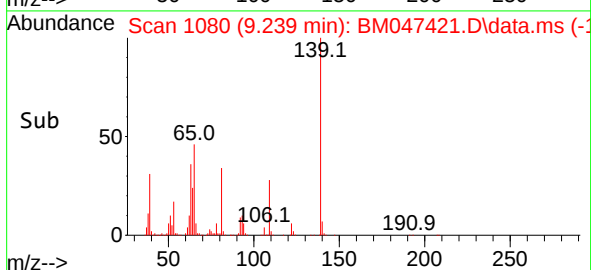
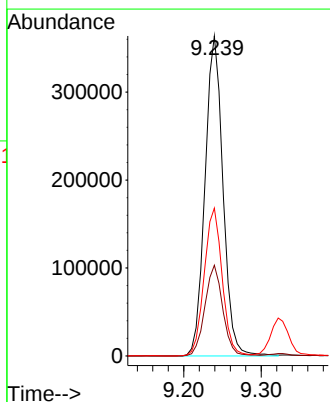
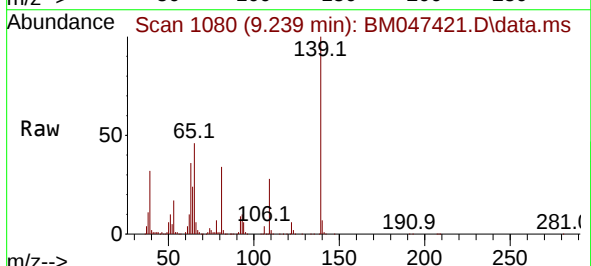
Manual Integrations
APPROVED

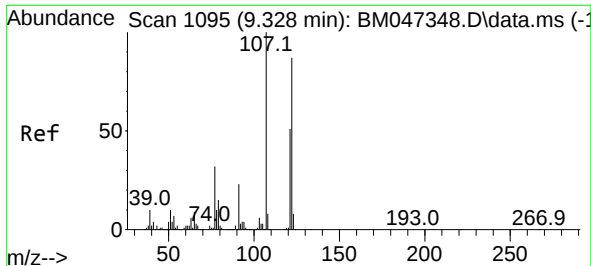
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#26
2-Nitrophenol
Concen: 46.379 ng
RT: 9.239 min Scan# 1080
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion:139 Resp: 586580
Ion Ratio Lower Upper
139 100
109 28.4 23.4 35.0
65 46.2 39.6 59.4





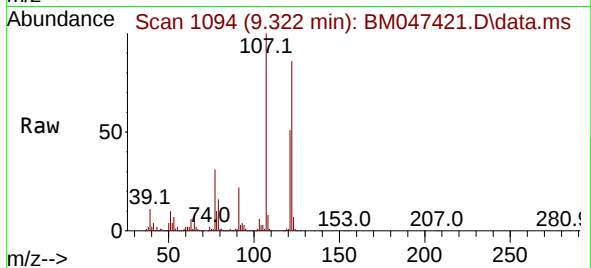
#27
2,4-Dimethylphenol
Concen: 49.230 ng
RT: 9.322 min Scan# 1094
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

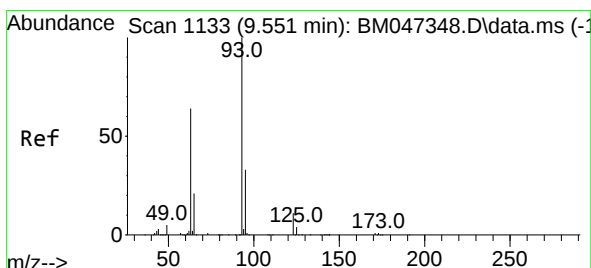
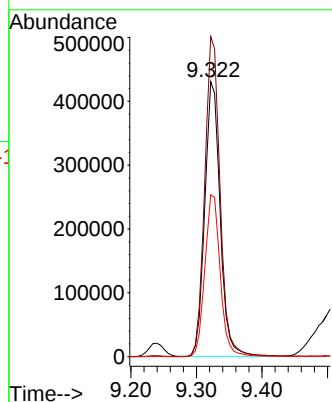
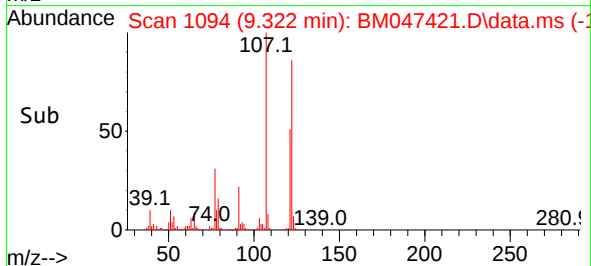


Tgt Ion:122 Resp: 702800
Ion Ratio Lower Upper
122 100
107 116.4 91.9 137.9
121 58.9 47.0 70.6

Manual Integrations

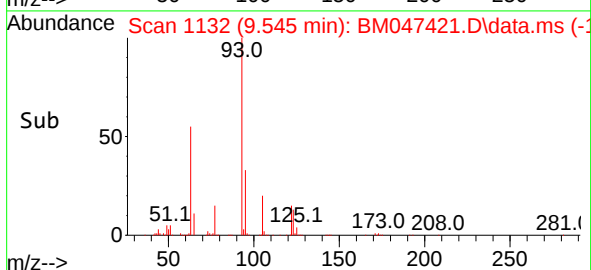
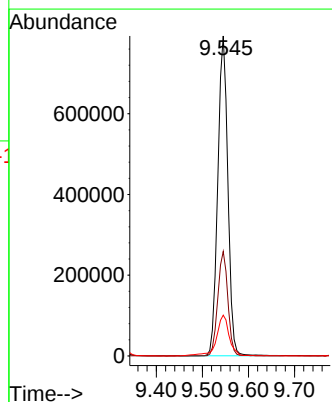
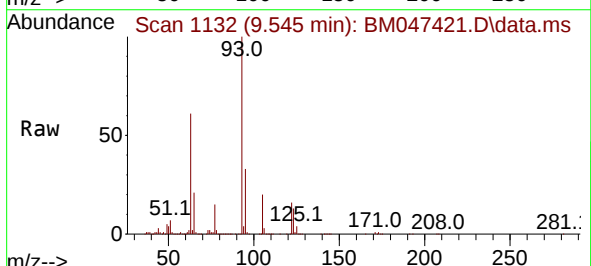
APPROVED

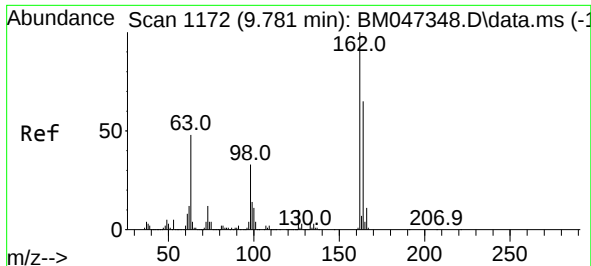
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#28
bis(2-Chloroethoxy)methane
Concen: 41.527 ng
RT: 9.545 min Scan# 1132
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion: 93 Resp: 1201565
Ion Ratio Lower Upper
93 100
95 32.7 26.6 39.8
123 12.7 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 48.193 ng

RT: 9.781 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BM047421.D

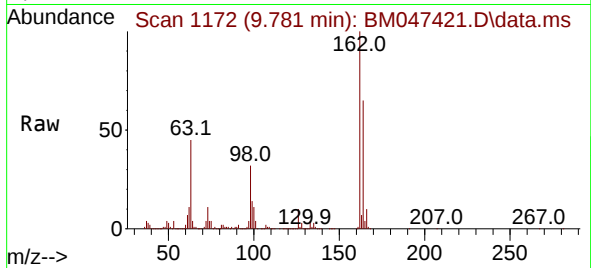
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS



Tgt Ion:162 Resp: 106726

Ion Ratio Lower Upper

162 100

164 64.6 44.6 84.6

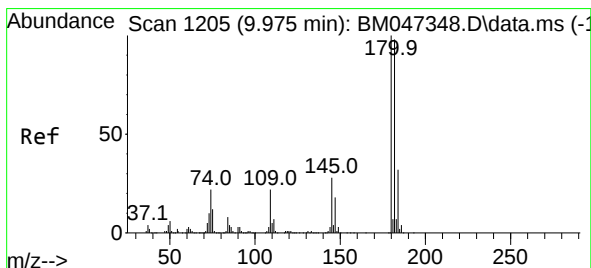
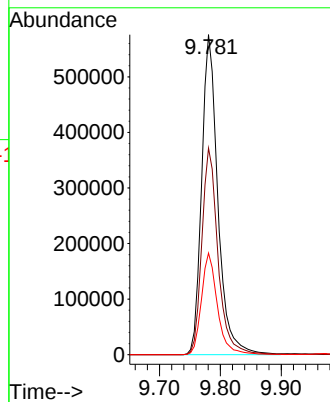
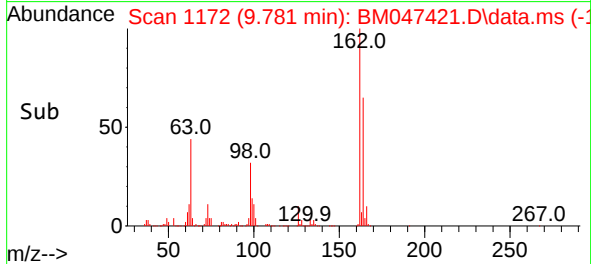
98 31.8 13.2 53.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.488 ng

RT: 9.969 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

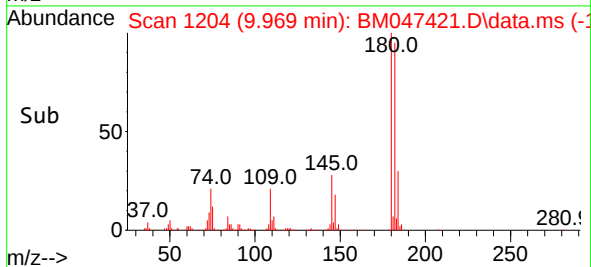
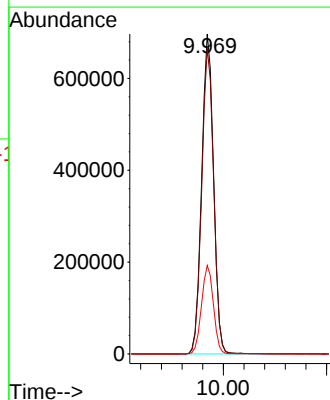
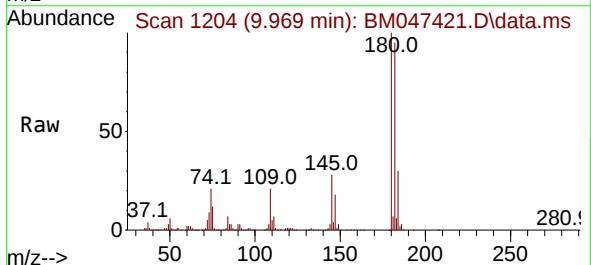
Tgt Ion:180 Resp: 1112382

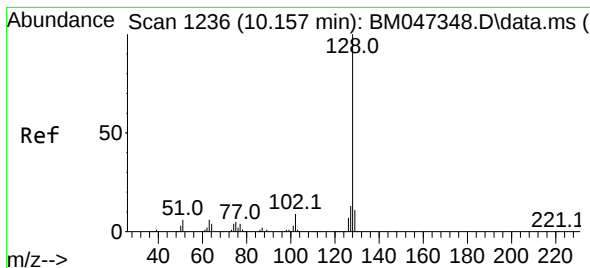
Ion Ratio Lower Upper

180 100

182 95.5 78.2 117.2

145 27.7 22.3 33.5





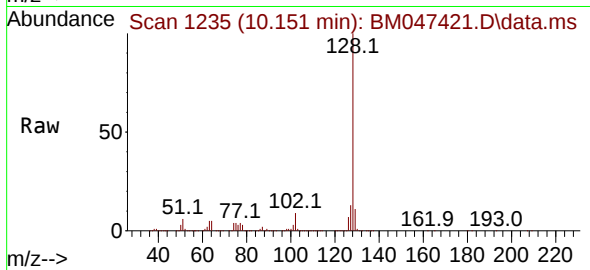
#31
Naphthalene
Concen: 42.233 ng
RT: 10.151 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

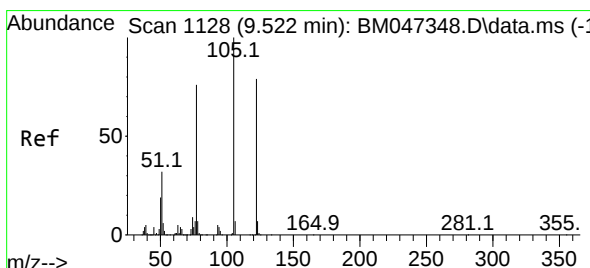
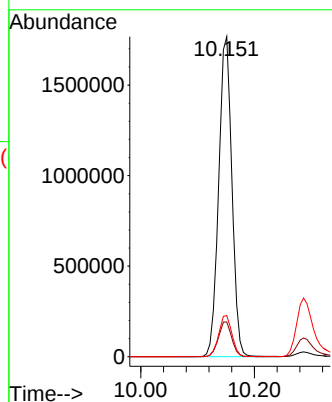
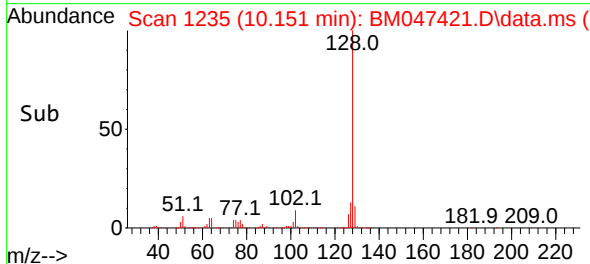


Tgt Ion:128 Resp: 286136
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 12.9 10.4 15.6

Manual Integrations

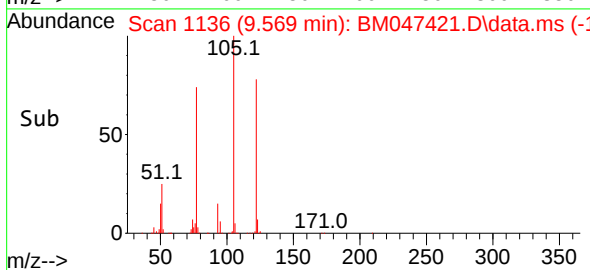
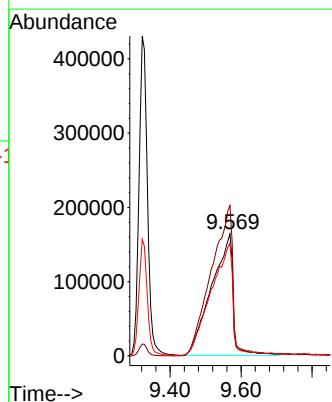
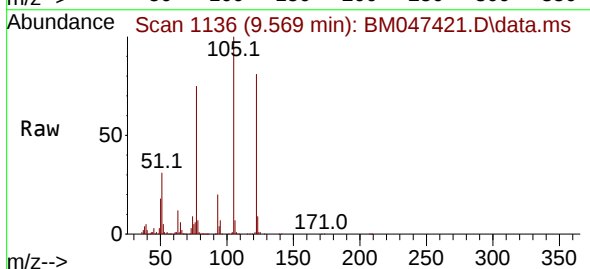
APPROVED

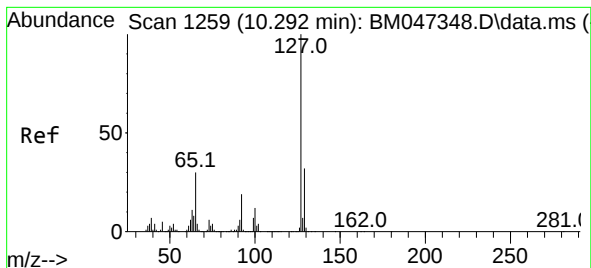
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#32
Benzoic acid
Concen: 40.253 ng
RT: 9.569 min Scan# 1136
Delta R.T. 0.047 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion:122 Resp: 686198
Ion Ratio Lower Upper
122 100
105 123.2 106.0 146.0
77 92.1 76.3 116.3





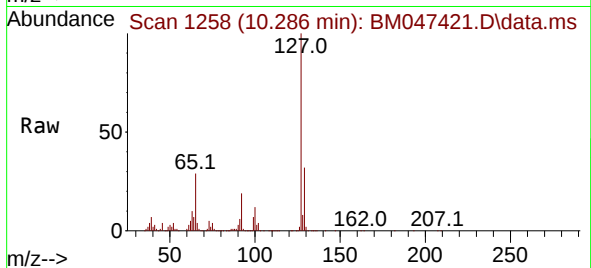
#33
4-Chloroaniline
Concen: 27.991 ng
RT: 10.286 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

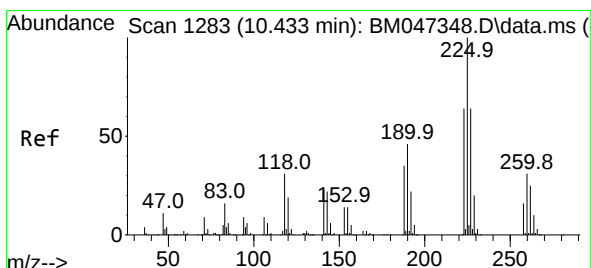
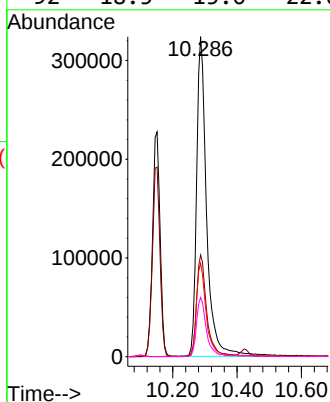
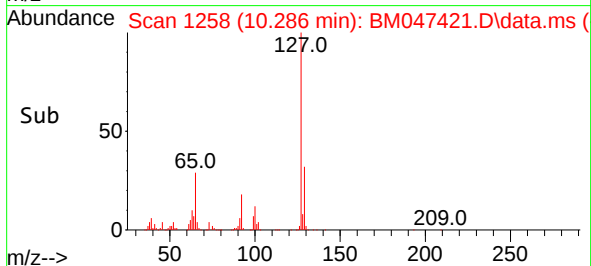


Tgt Ion:127 Resp: 705160
Ion Ratio Lower Upper
127 100
129 31.8 25.8 38.8
65 29.2 24.2 36.2
92 18.5 15.0 22.6

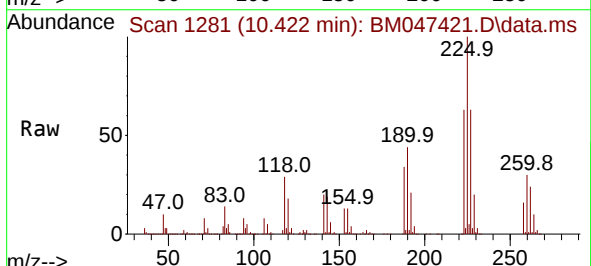
Manual Integrations

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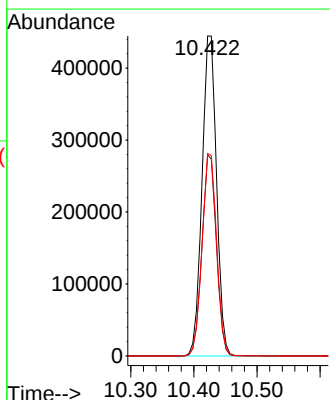
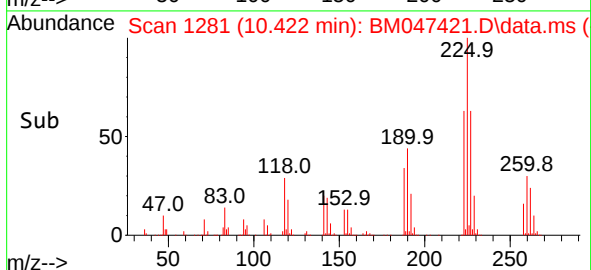
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#34
Hexachlorobutadiene
Concen: 44.434 ng
RT: 10.422 min Scan# 1281
Delta R.T. -0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



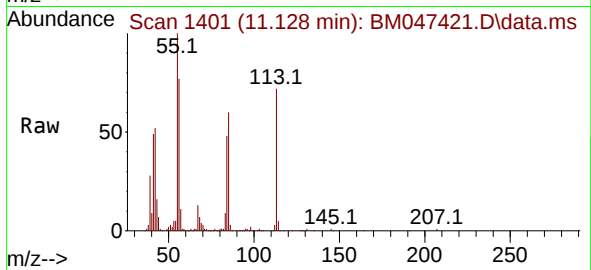
Tgt Ion:225 Resp: 709834
Ion Ratio Lower Upper
225 100
223 62.8 51.1 76.7
227 63.3 51.0 76.6





#35
Caprolactam
Concen: 41.852 ng m
RT: 11.128 min Scan# 1401
Delta R.T. 0.029 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

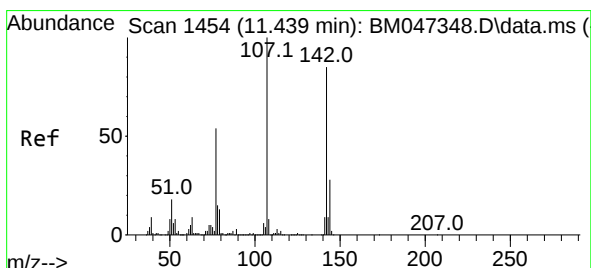
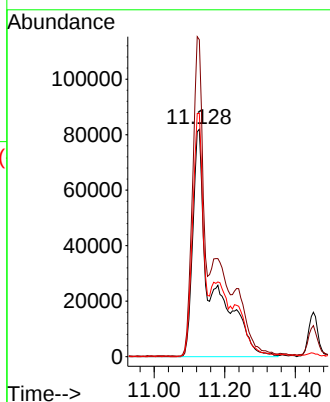
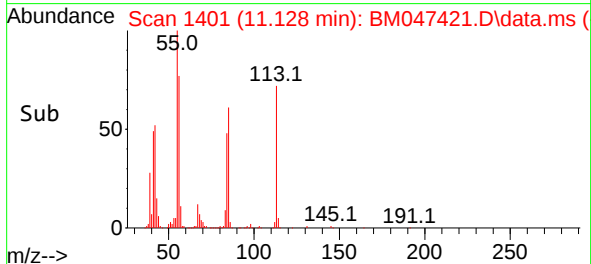
Instrument :
BNA_M
ClientSampleId :
PB163076BS



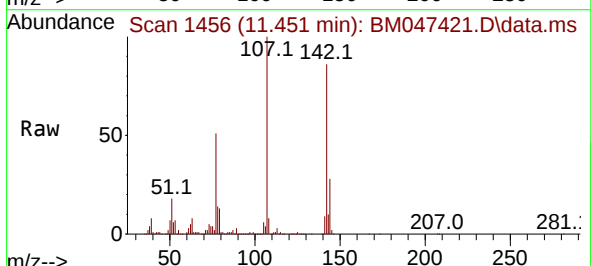
Tgt Ion:113 Resp: 300249
Ion Ratio Lower Upper
113 100
55 139.4 126.2 166.2
56 107.0 93.2 133.2

Manual Integrations
APPROVED

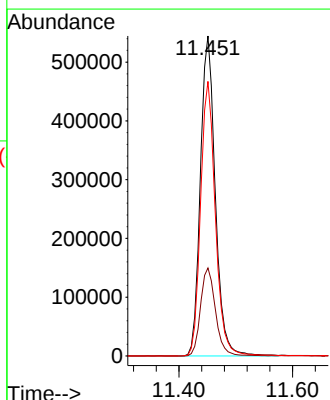
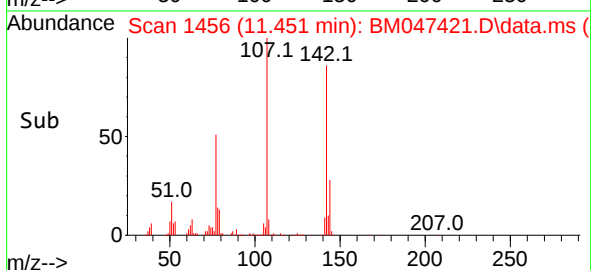
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

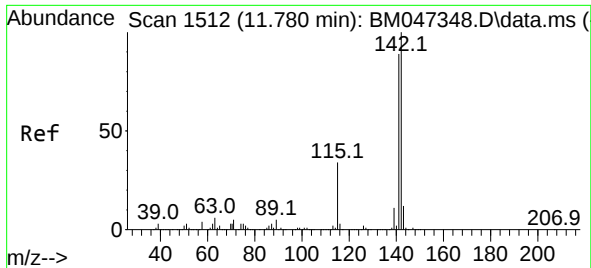


#36
4-Chloro-3-methylphenol
Concen: 44.096 ng
RT: 11.451 min Scan# 1456
Delta R.T. 0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



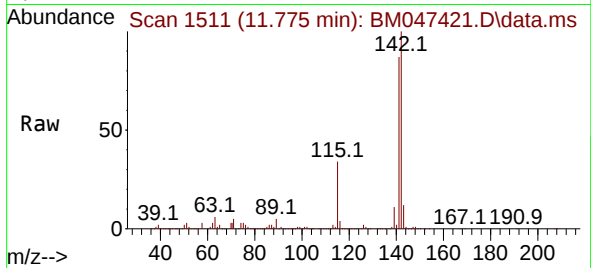
Tgt Ion:107 Resp: 991676
Ion Ratio Lower Upper
107 100
144 27.5 22.2 33.4
142 85.8 67.7 101.5





#37
2-Methylnaphthalene
Concen: 42.364 ng
RT: 11.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

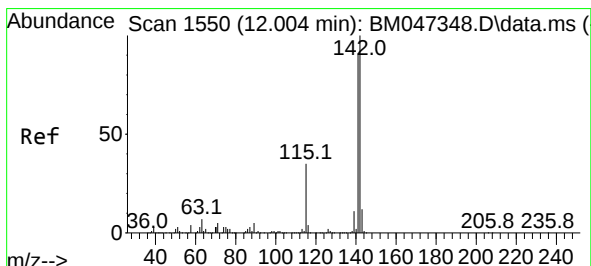
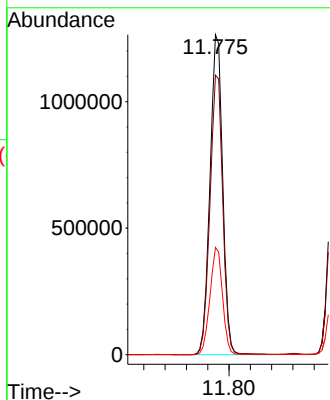
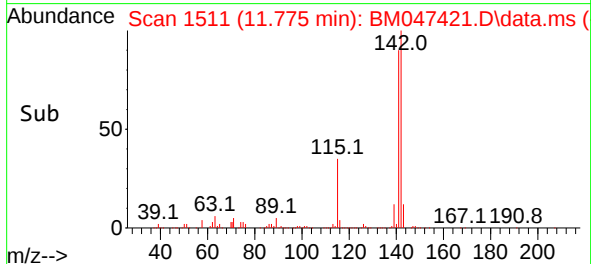
Instrument :
BNA_M
ClientSampleId :
PB163076BS



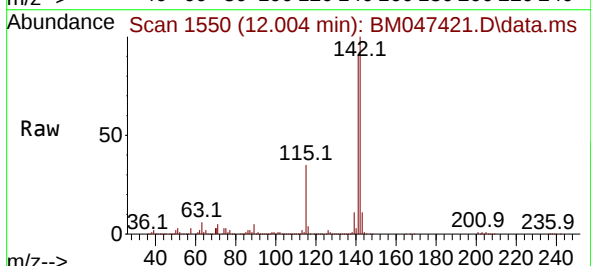
Tgt Ion:142 Resp: 2092779
Ion Ratio Lower Upper
142 100
141 87.3 70.8 106.2
115 33.5 27.5 41.3

Manual Integrations
APPROVED

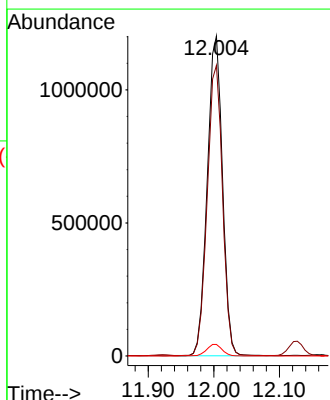
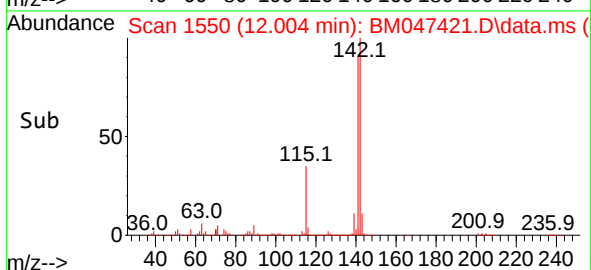
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

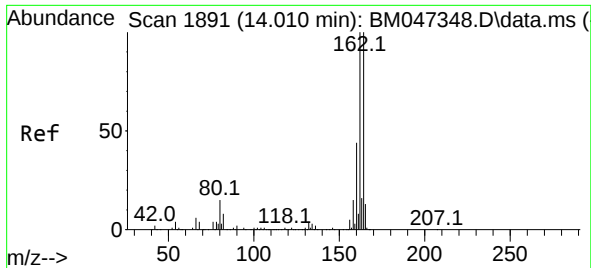


#38
1-Methylnaphthalene
Concen: 39.753 ng
RT: 12.004 min Scan# 1550
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



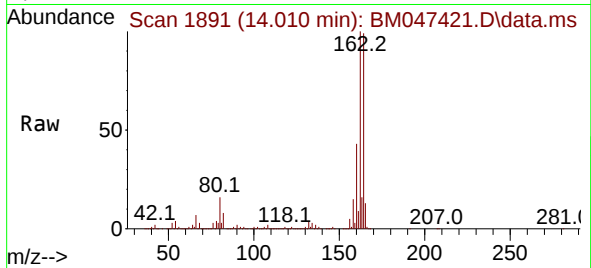
Tgt Ion:142 Resp: 1942235
Ion Ratio Lower Upper
142 100
141 90.8 72.9 109.3
116 3.6 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

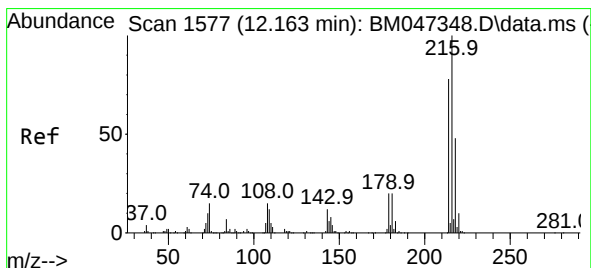
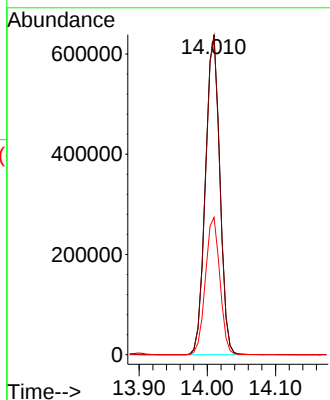
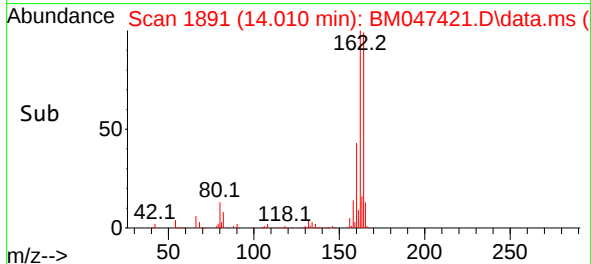
Instrument :
BNA_M
ClientSampleId :
PB163076BS



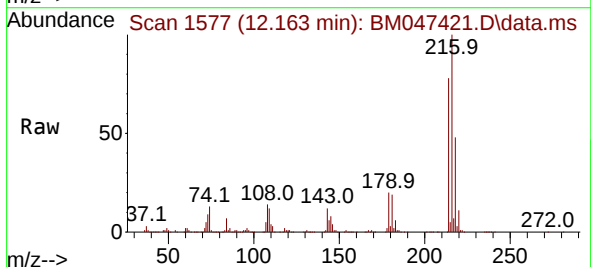
Tgt Ion:164 Resp: 938359
Ion Ratio Lower Upper
164 100
162 100.6 79.7 119.5
160 43.1 34.9 52.3

Manual Integrations
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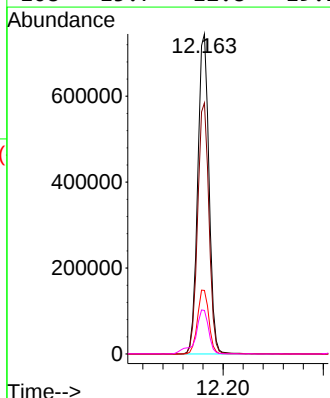
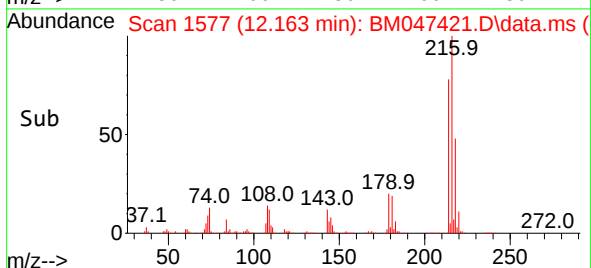
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.712 ng
RT: 12.163 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



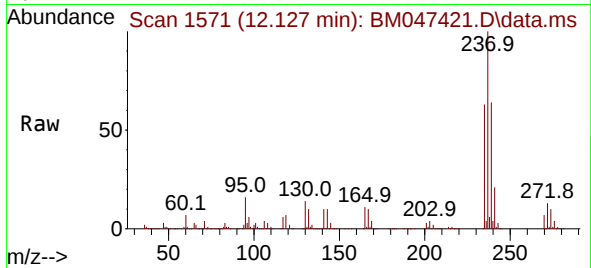
Tgt Ion:216 Resp: 1159025
Ion Ratio Lower Upper
216 100
214 78.8 62.6 94.0
179 20.1 16.6 24.8
108 15.7 12.8 19.2





#41
Hexachlorocyclopentadiene
Concen: 93.869 ng
RT: 12.127 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

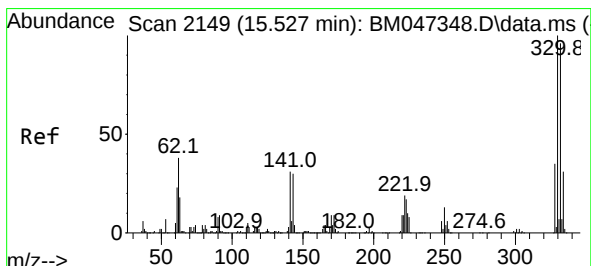
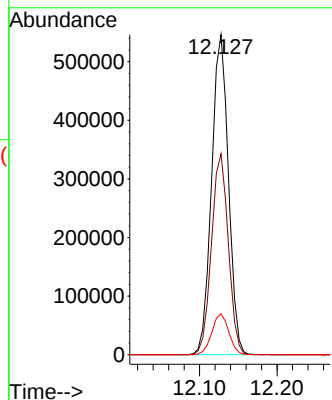
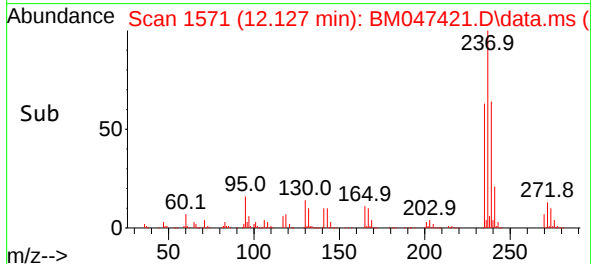
Instrument :
BNA_M
ClientSampleId :
PB163076BS



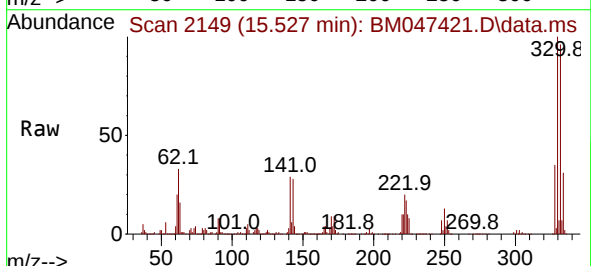
Tgt Ion: 237 Resp: 82319
Ion Ratio Lower Upper
237 100
235 62.8 42.1 82.1
272 12.8 0.0 32.3

Manual Integrations
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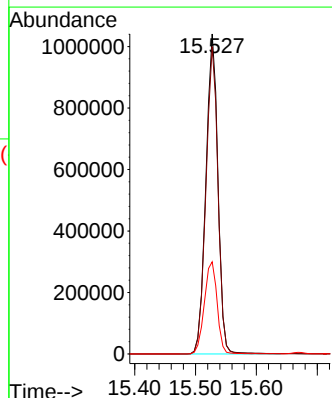
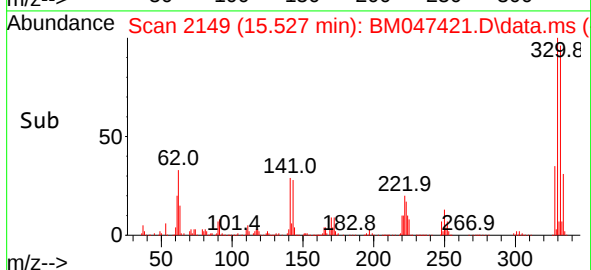
Reviewed By : Jagrut Upadhyay 09/04/2024
Supervised By : mohammad ahmed 09/06/2024

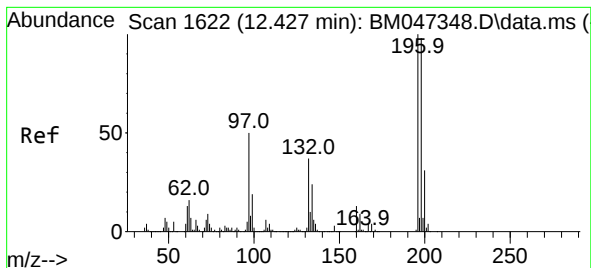


#42
2,4,6-Tribromophenol
Concen: 126.451 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



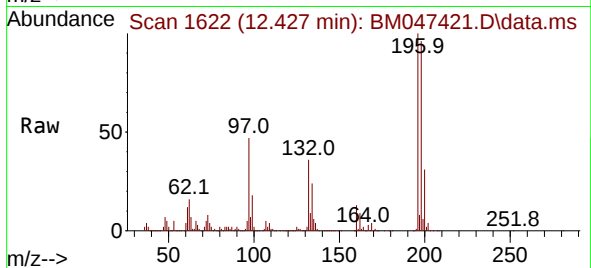
Tgt Ion: 330 Resp: 1431568
Ion Ratio Lower Upper
330 100
332 96.0 77.2 115.8
141 30.7 27.6 41.4





#43
2,4,6-Trichlorophenol
Concen: 46.743 ng
RT: 12.427 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

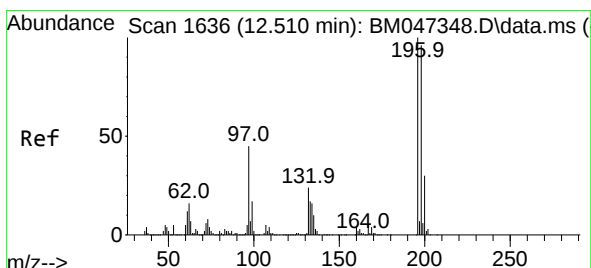
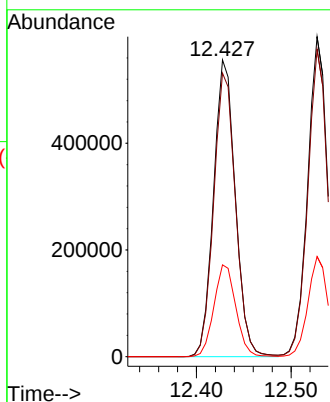
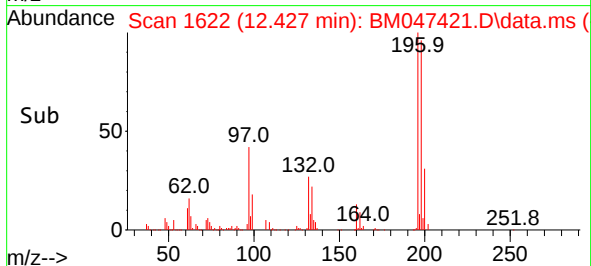
Instrument :
BNA_M
ClientSampleId :
PB163076BS



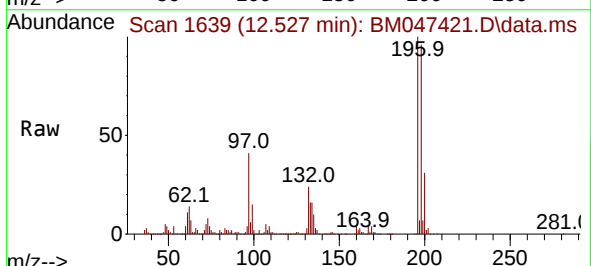
Tgt Ion:196 Resp: 890370
Ion Ratio Lower Upper
196 100
198 95.5 78.2 117.2
200 31.0 24.9 37.3

Manual Integrations
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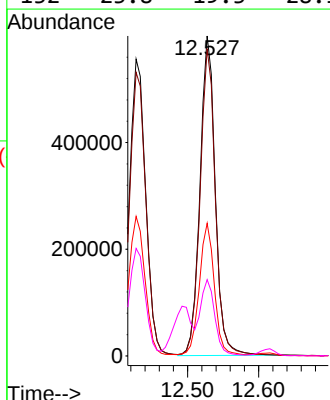
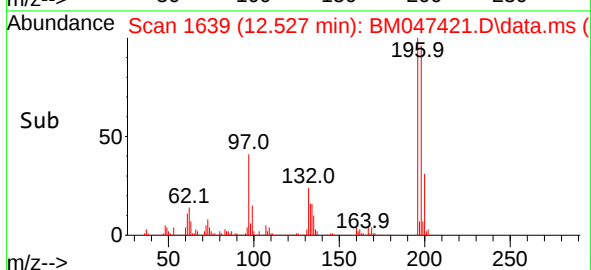
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

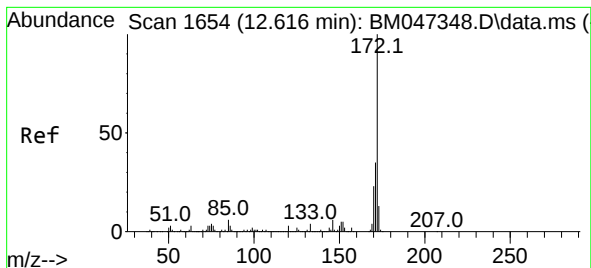


#44
2,4,5-Trichlorophenol
Concen: 42.591 ng
RT: 12.527 min Scan# 1639
Delta R.T. 0.018 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



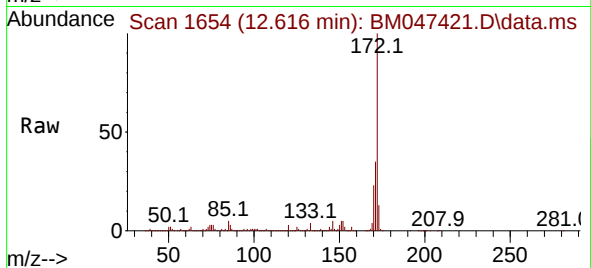
Tgt Ion:196 Resp: 900977
Ion Ratio Lower Upper
196 100
198 96.0 76.6 115.0
97 41.5 35.9 53.9
132 23.8 19.3 28.9





#45
2-Fluorobiphenyl
Concen: 79.302 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

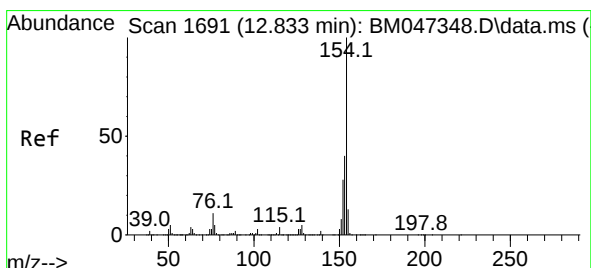
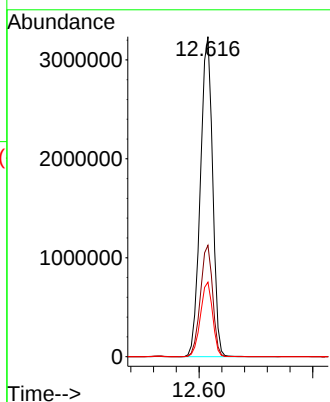
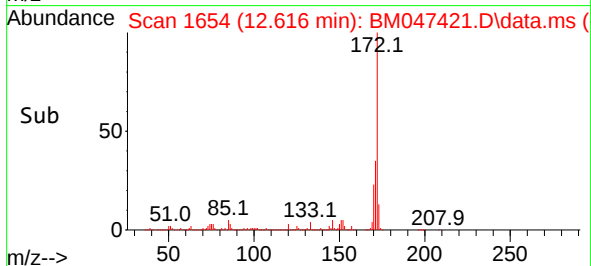
Instrument :
BNA_M
ClientSampleId :
PB163076BS



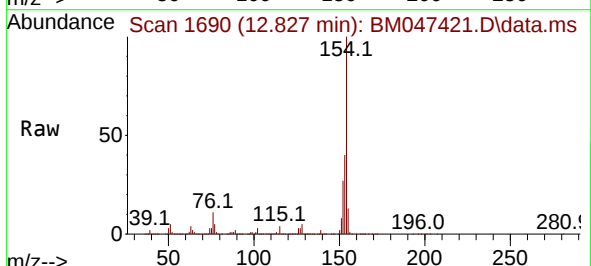
Tgt Ion:172 Resp: 4843092
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.3 18.5 27.7

Manual Integrations
APPROVED

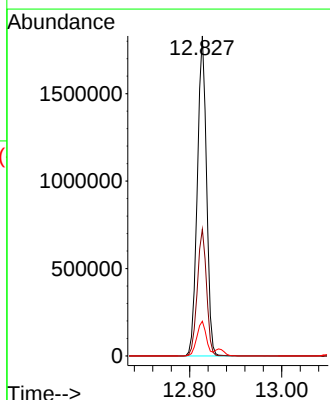
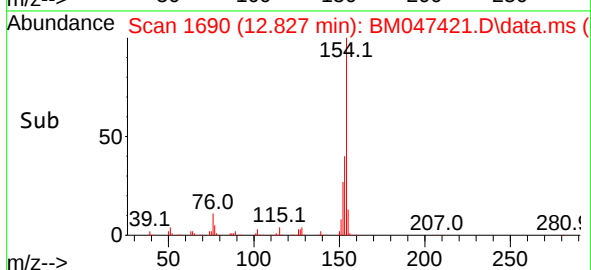
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

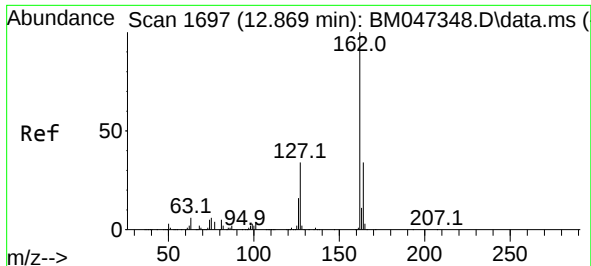


#46
1,1'-Biphenyl
Concen: 38.757 ng
RT: 12.827 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



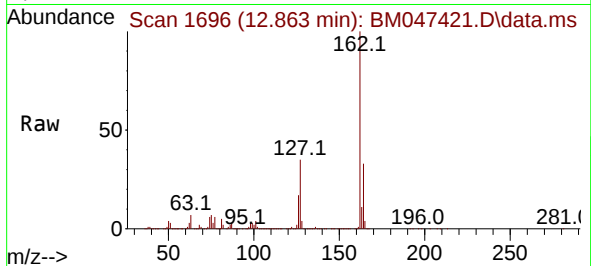
Tgt Ion:154 Resp: 2539428
Ion Ratio Lower Upper
154 100
153 39.6 20.1 60.1
76 10.9 0.0 31.2





#47
2-Chloronaphthalene
Concen: 41.339 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

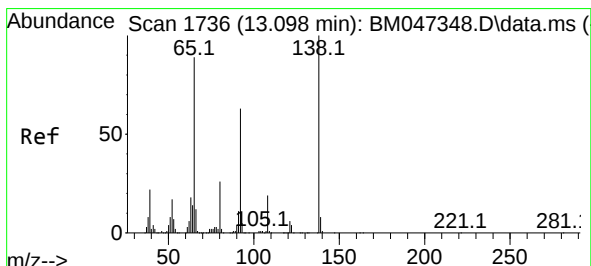
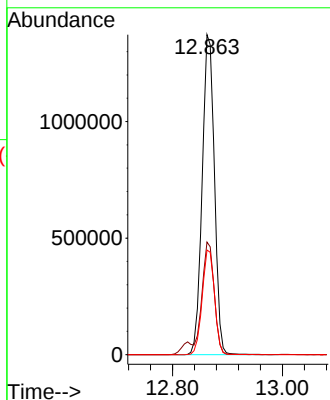
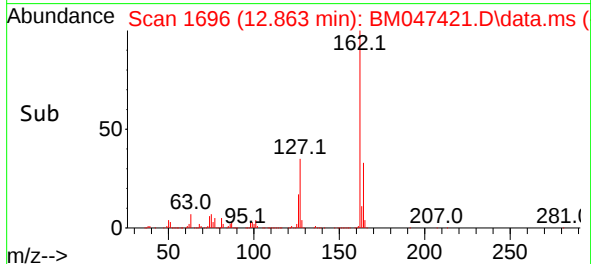
Instrument :
BNA_M
ClientSampleId :
PB163076BS



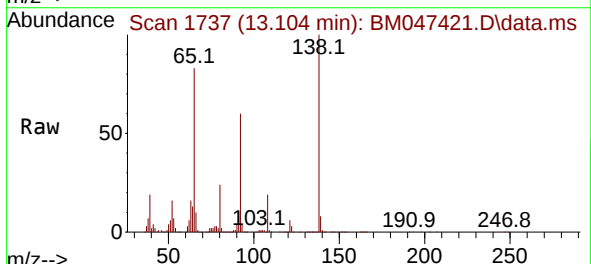
Tgt Ion:162 Resp: 2122590
Ion Ratio Lower Upper
162 100
127 35.2 28.3 42.5
164 32.7 27.0 40.4

Manual Integrations
APPROVED

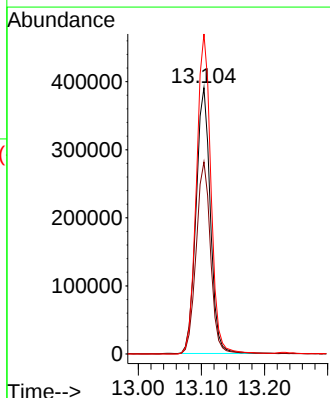
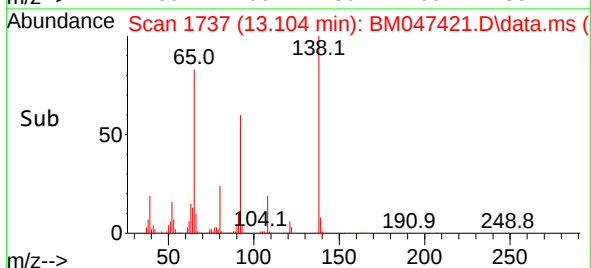
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

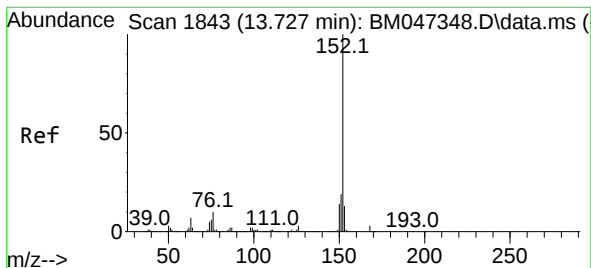


#48
2-Nitroaniline
Concen: 42.751 ng
RT: 13.104 min Scan# 1737
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion: 65 Resp: 614881
Ion Ratio Lower Upper
65 100
92 72.1 57.0 85.6
138 120.2 90.0 135.0





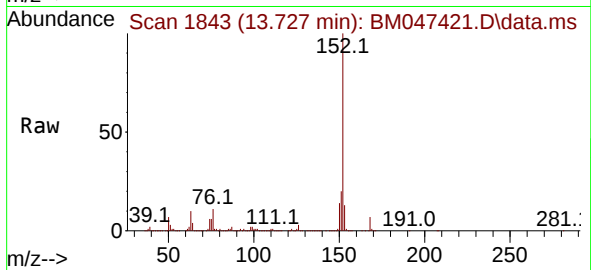
#49
Acenaphthylene
Concen: 45.373 ng
RT: 13.727 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

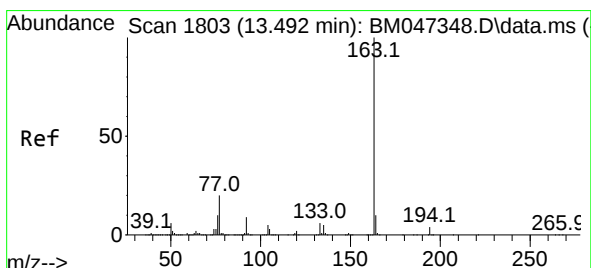
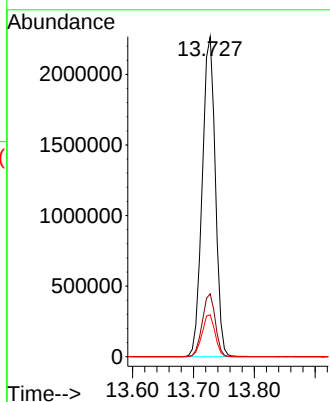
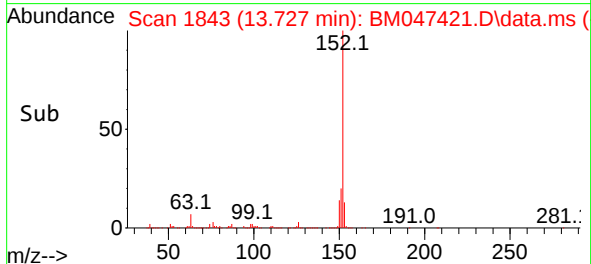


Tgt Ion:152 Resp: 3385978
Ion Ratio Lower Upper
152 100
151 19.7 15.4 23.0
153 13.1 10.6 15.8

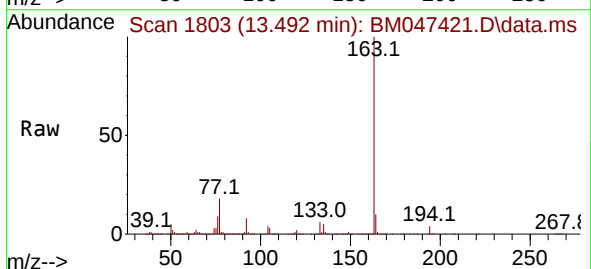
Manual Integrations

APPROVED

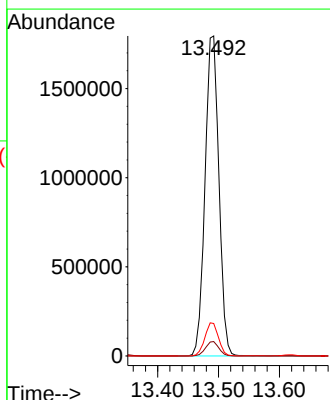
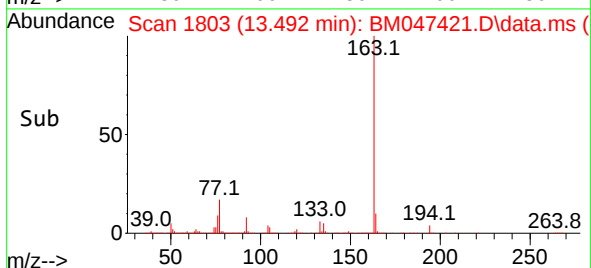
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

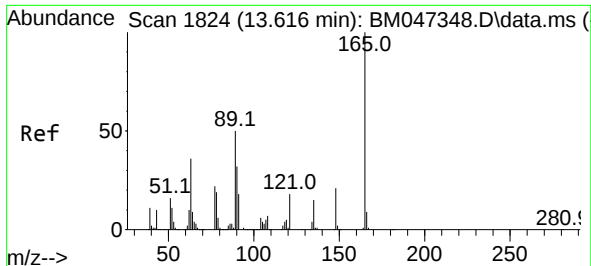


#50
Dimethylphthalate
Concen: 43.804 ng
RT: 13.492 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



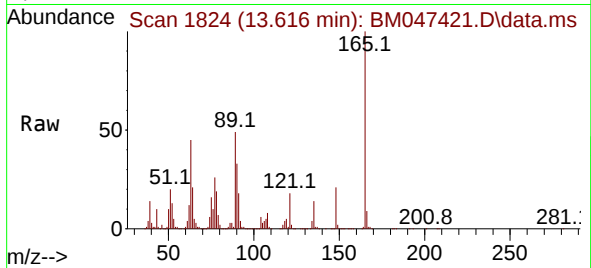
Tgt Ion:163 Resp: 2832217
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.1 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 43.074 ng
RT: 13.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

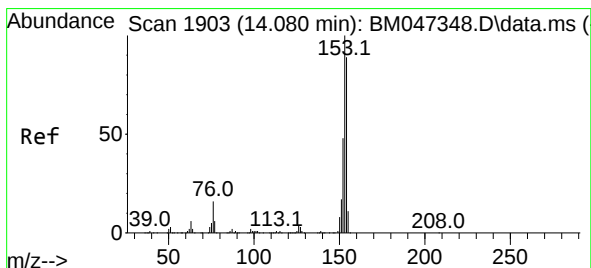
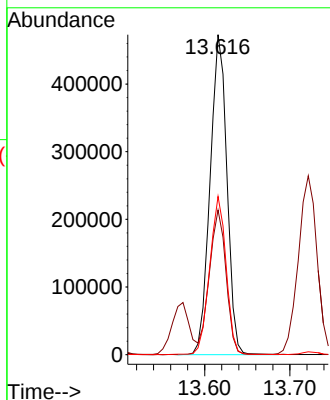
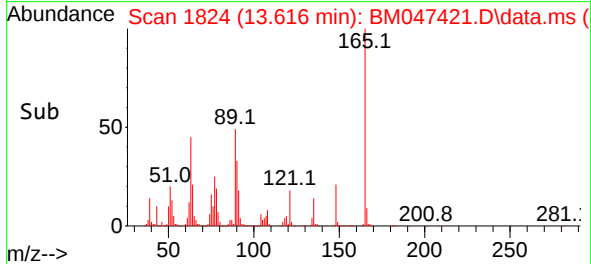
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:165 Resp: 64843
Ion Ratio Lower Upper
165 100
63 45.2 38.2 57.4
89 49.4 40.4 60.6

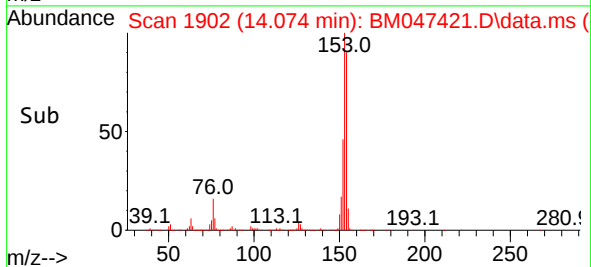
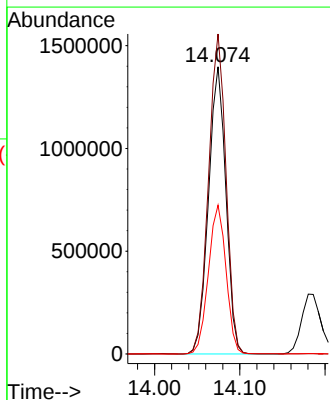
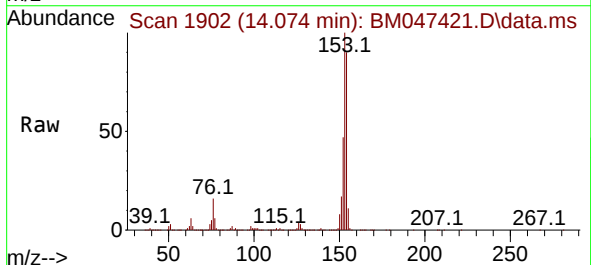
Manual Integrations
APPROVED

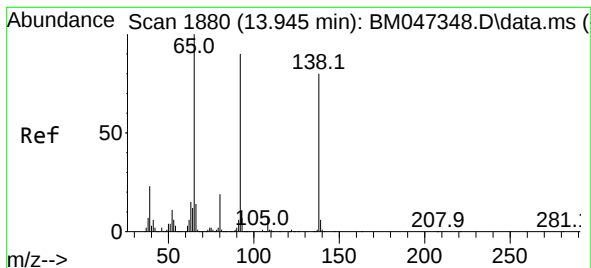
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#52
Acenaphthene
Concen: 41.766 ng
RT: 14.074 min Scan# 1902
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

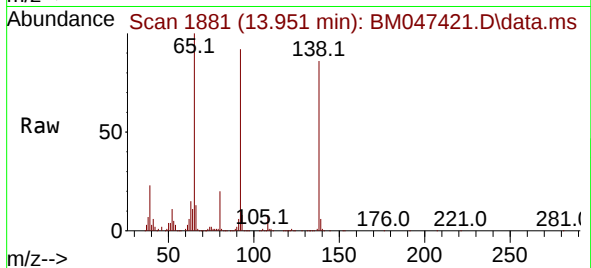
Tgt Ion:154 Resp: 1978622
Ion Ratio Lower Upper
154 100
153 111.4 89.5 134.3
152 51.8 43.0 64.4





#53
3-Nitroaniline
Concen: 38.384 ng
RT: 13.951 min Scan# 1881
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

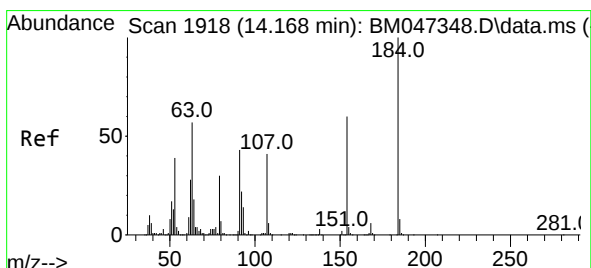
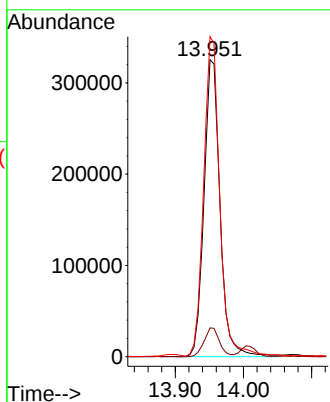
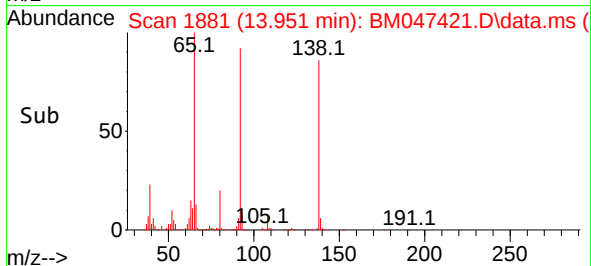
Instrument :
BNA_M
ClientSampleId :
PB163076BS



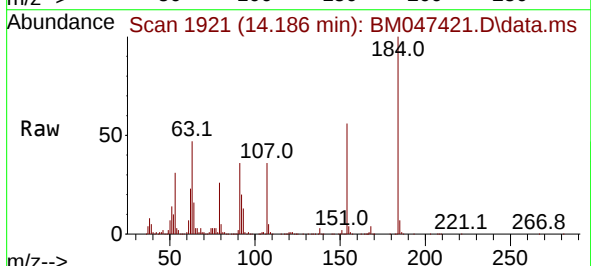
Tgt Ion:138 Resp: 533199
Ion Ratio Lower Upper
138 100
108 9.7 8.0 12.0
92 107.8 90.1 135.1

Manual Integrations
APPROVED

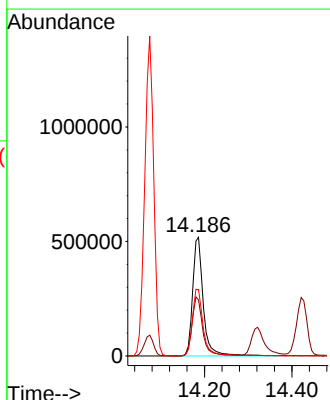
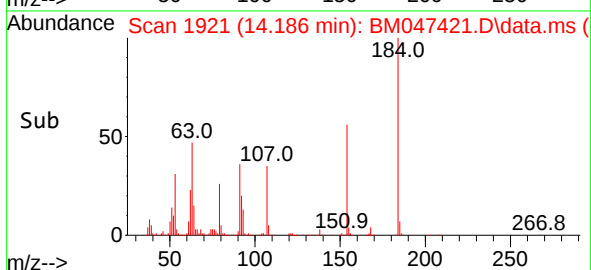
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

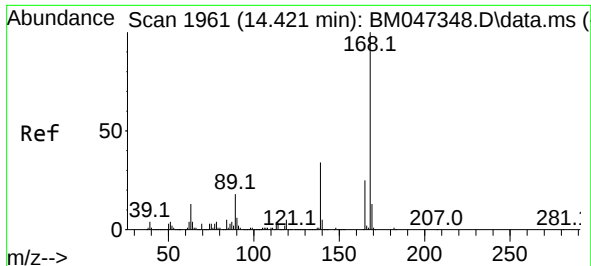


#54
2,4-Dinitrophenol
Concen: 94.962 ng
RT: 14.186 min Scan# 1921
Delta R.T. 0.018 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



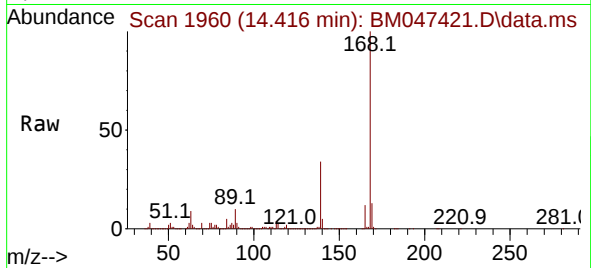
Tgt Ion:184 Resp: 880373
Ion Ratio Lower Upper
184 100
63 47.2 45.7 68.5
154 55.9 48.5 72.7





#55
Dibenzenofuran
Concen: 43.415 ng
RT: 14.416 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

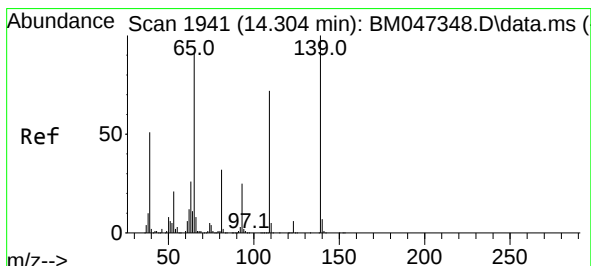
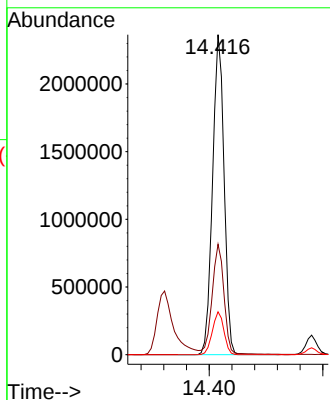
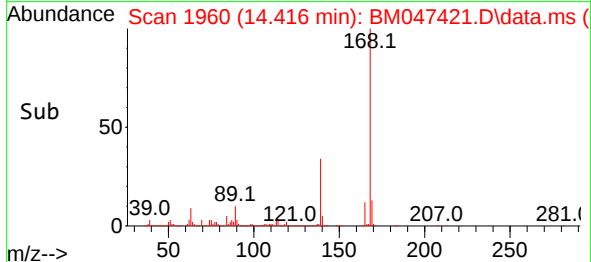
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:168 Resp: 331284
Ion Ratio Lower Upper
168 100
139 34.5 27.5 41.3
169 13.4 10.5 15.7

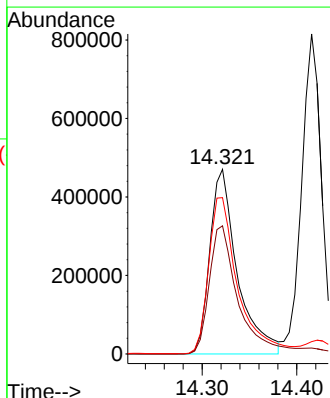
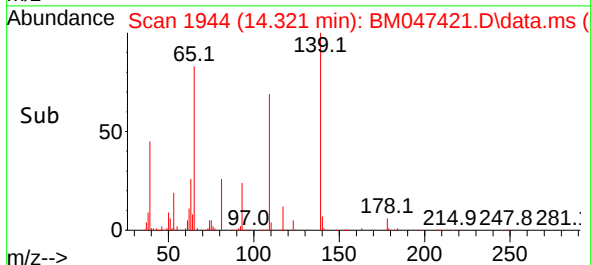
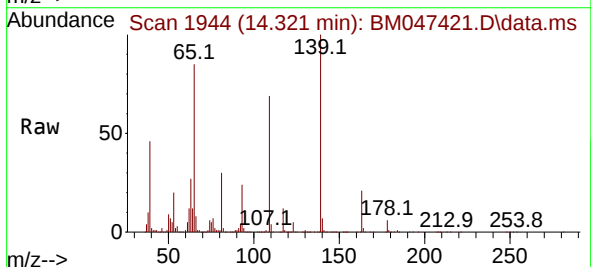
Manual Integrations
APPROVED

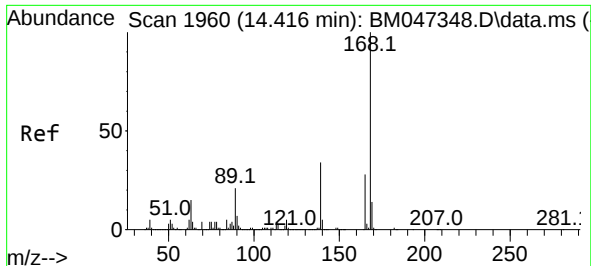
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#56
4-Nitrophenol
Concen: 87.451 ng
RT: 14.321 min Scan# 1944
Delta R.T. 0.017 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

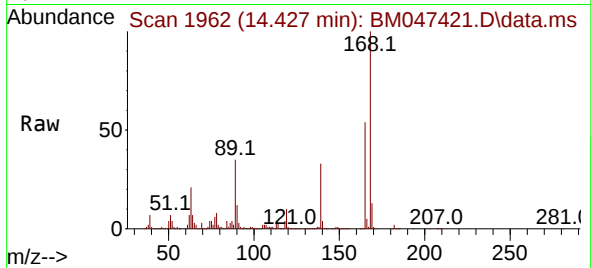
Tgt Ion:139 Resp: 949584
Ion Ratio Lower Upper
139 100
109 69.4 51.6 91.6
65 84.7 71.7 111.7





#57
2,4-Dinitrotoluene
Concen: 44.467 ng
RT: 14.427 min Scan# 1960
Delta R.T. 0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

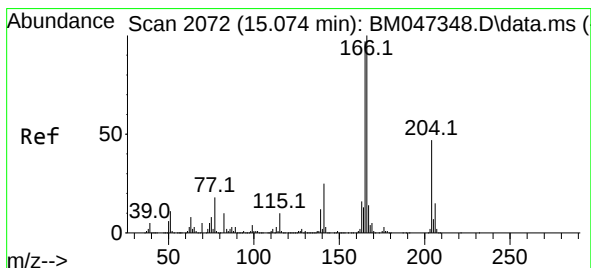
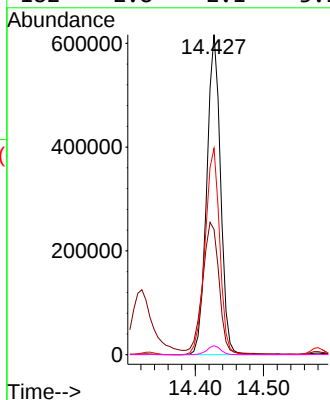
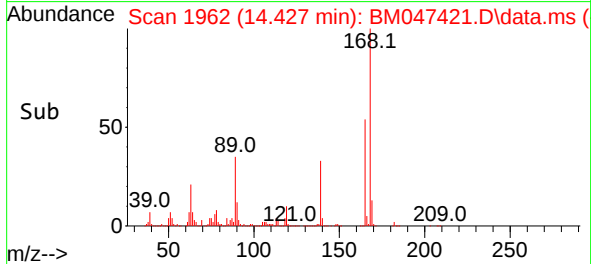
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:165 Resp: 86656
Ion Ratio Lower Upper
165 100
63 39.1 42.2 63.4
89 64.5 59.3 88.9
182 2.8 2.1 3.1

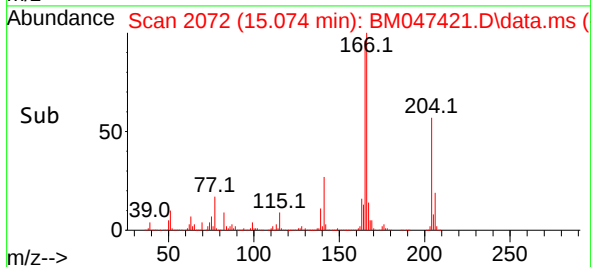
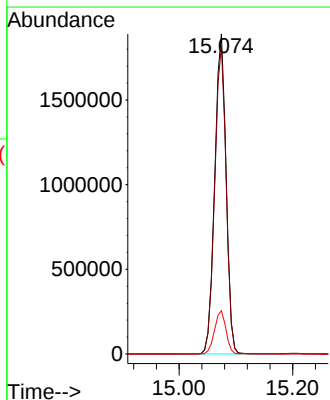
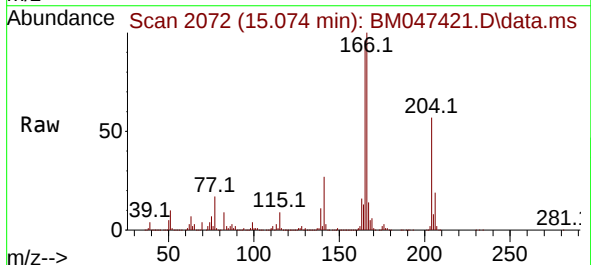
Manual Integrations
APPROVED

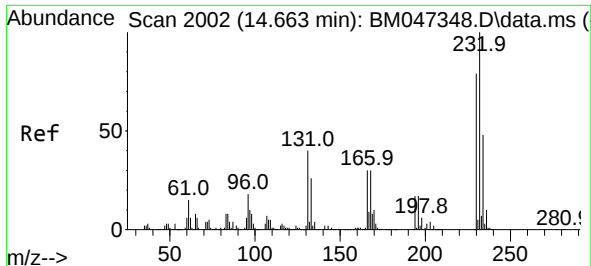
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#58
Fluorene
Concen: 42.372 ng
RT: 15.074 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

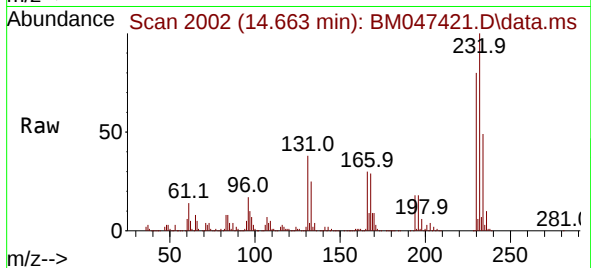
Tgt Ion:166 Resp: 2616700
Ion Ratio Lower Upper
166 100
165 96.3 77.8 116.6
167 13.5 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.569 ng
RT: 14.663 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

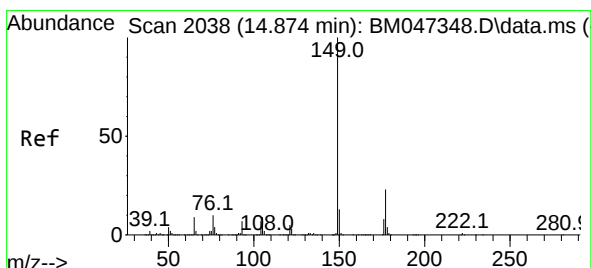
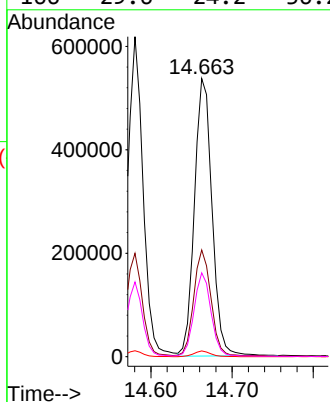
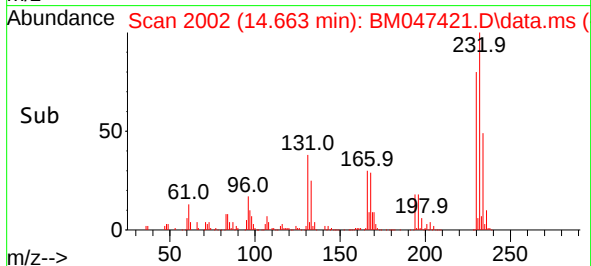
Instrument :
BNA_M
ClientSampleId :
PB163076BS



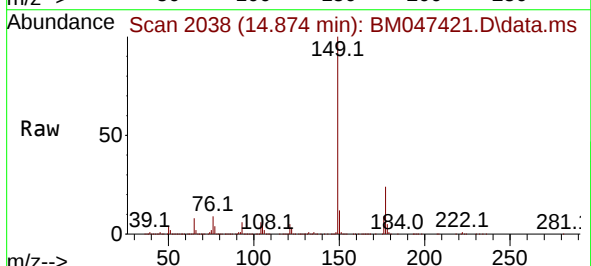
Tgt Ion:232 Resp: 809159
Ion Ratio Lower Upper
232 100
131 37.1 31.7 47.5
130 2.0 1.7 2.5
166 29.6 24.2 36.2

Manual Integrations
APPROVED

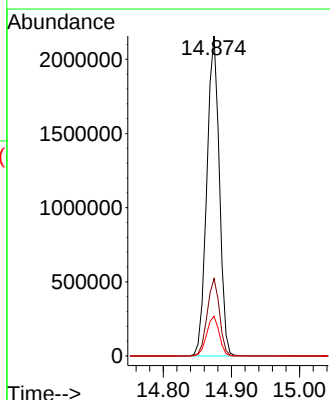
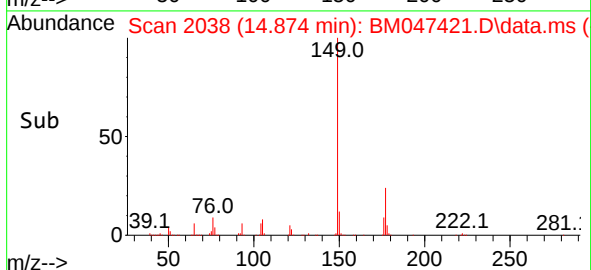
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

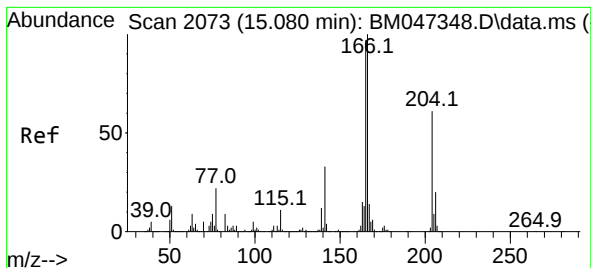


#60
Diethylphthalate
Concen: 43.165 ng
RT: 14.874 min Scan# 2038
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



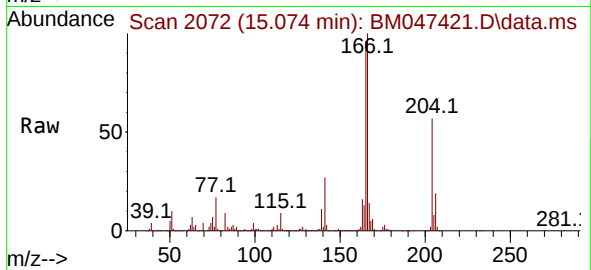
Tgt Ion:149 Resp: 2753026
Ion Ratio Lower Upper
149 100
177 24.2 18.6 28.0
150 12.4 10.2 15.4





#61
4-Chlorophenyl-phenylether
Concen: 44.318 ng
RT: 15.074 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

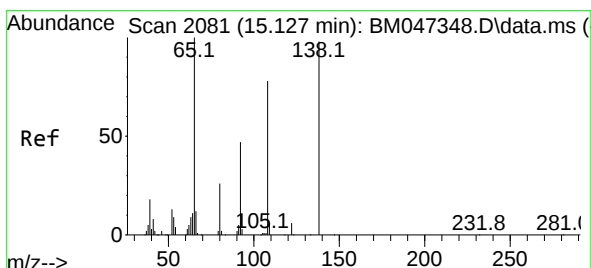
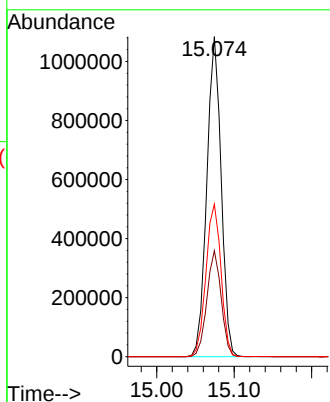
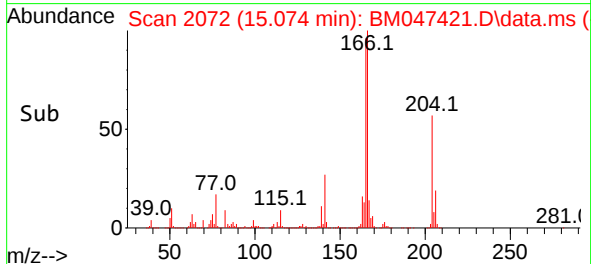
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:204 Resp: 139227
Ion Ratio Lower Upper
204 100
206 33.1 26.5 39.7
141 47.7 42.8 64.2

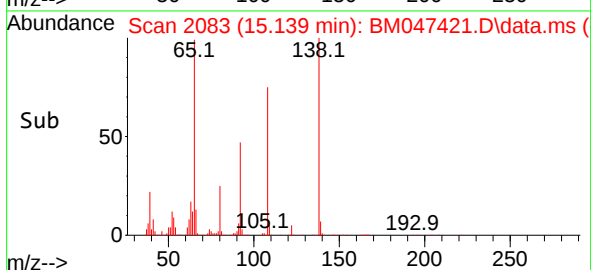
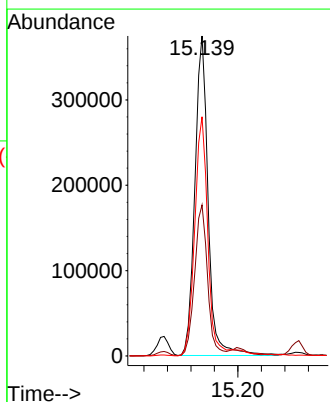
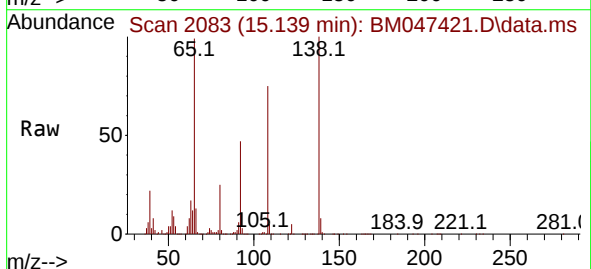
Manual Integrations
APPROVED

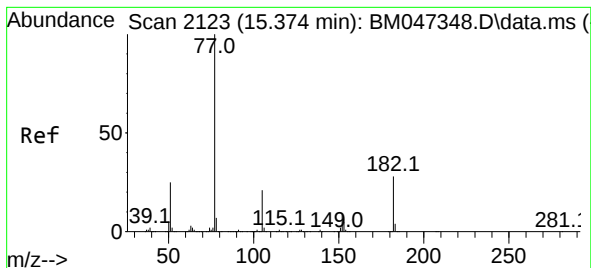
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#62
4-Nitroaniline
Concen: 45.550 ng
RT: 15.139 min Scan# 2083
Delta R.T. 0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion:138 Resp: 585324
Ion Ratio Lower Upper
138 100
92 47.2 27.9 67.9
108 74.7 58.7 98.7





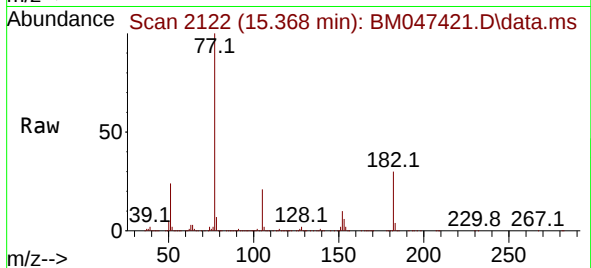
#63
Azobenzene
Concen: 41.396 ng
RT: 15.368 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

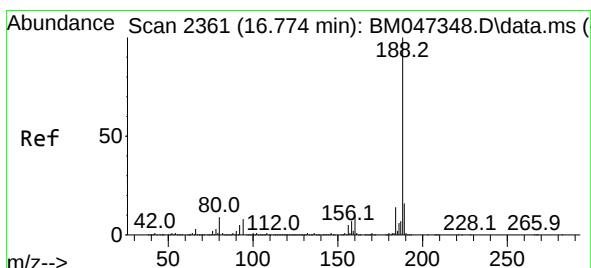
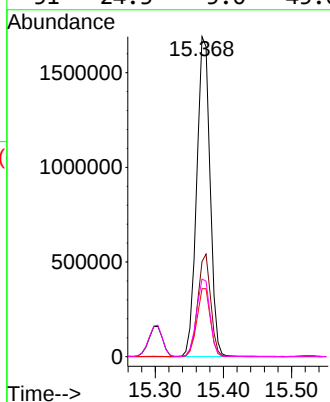
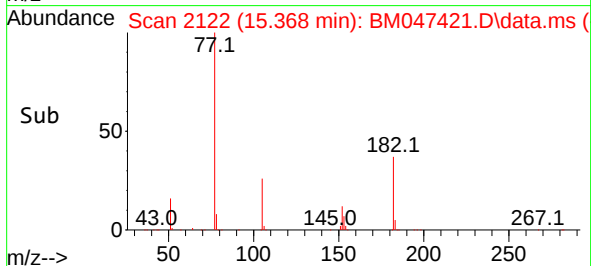


Tgt Ion: 77 Resp: 229909
Ion Ratio Lower Upper
77 100
182 29.8 7.9 47.9
105 21.2 0.6 40.6
51 24.3 5.0 45.0

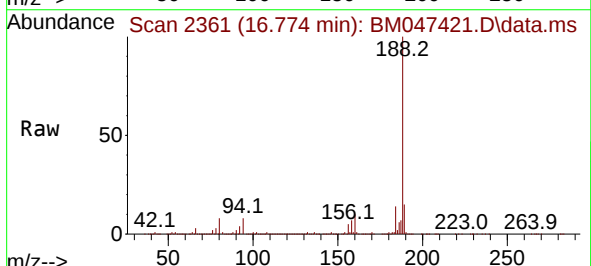
Manual Integrations

APPROVED

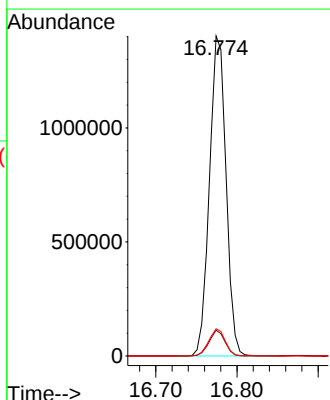
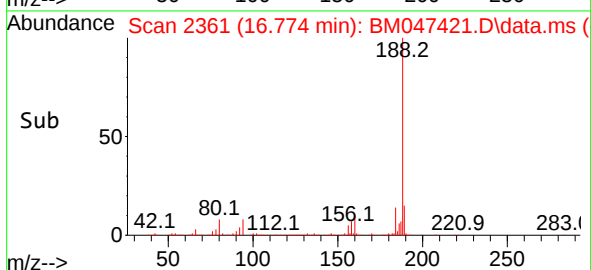
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

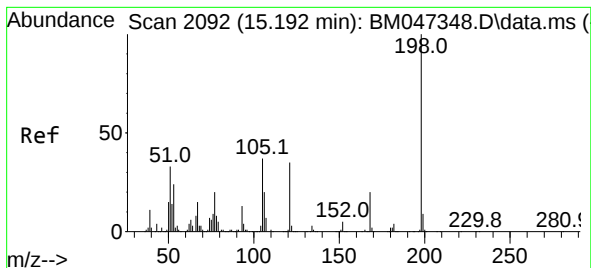


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 2361
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



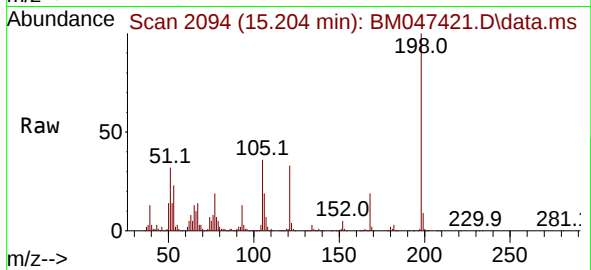
Tgt Ion:188 Resp: 1990359
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.5 7.4 11.2





#65
4,6-Dinitro-2-methylphenol
Concen: 47.883 ng
RT: 15.204 min Scan# 2094
Delta R.T. 0.012 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

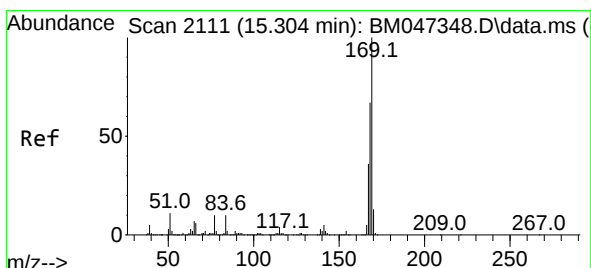
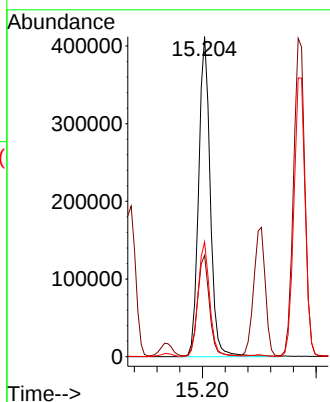
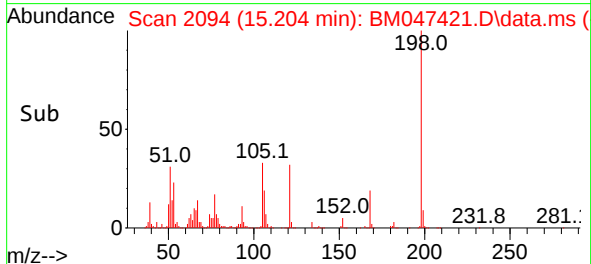
Instrument :
BNA_M
ClientSampleId :
PB163076BS



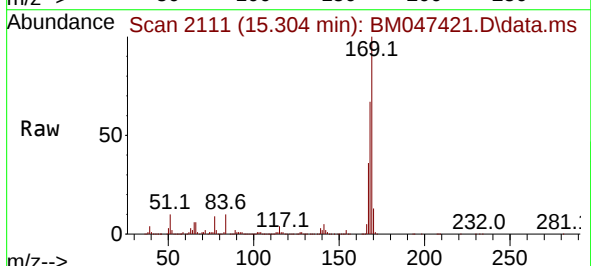
Tgt Ion:198 Resp: 584952
Ion Ratio Lower Upper
198 100
51 31.7 14.1 54.1
105 35.9 17.0 57.0

Manual Integrations
APPROVED

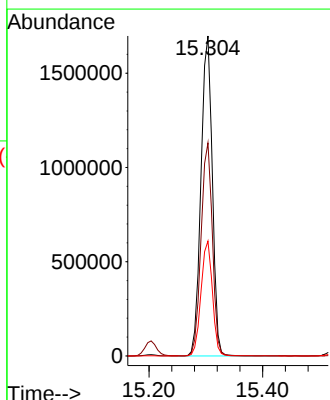
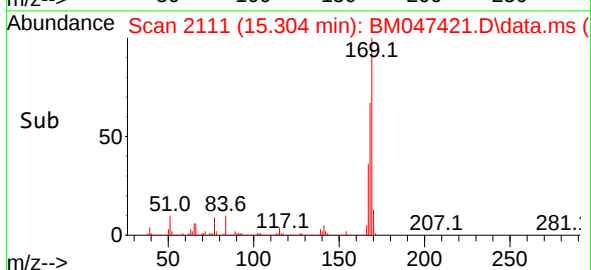
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

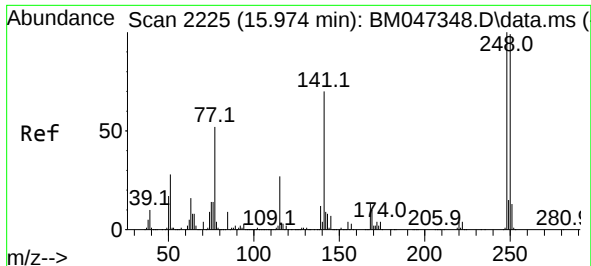


#66
n-Nitrosodiphenylamine
Concen: 43.120 ng
RT: 15.304 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion:169 Resp: 2348375
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.0
167 35.9 29.0 43.4





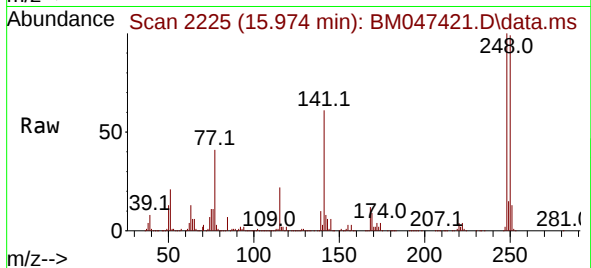
#67
4-Bromophenyl-phenylether
Concen: 43.493 ng
RT: 15.974 min Scan# 211
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

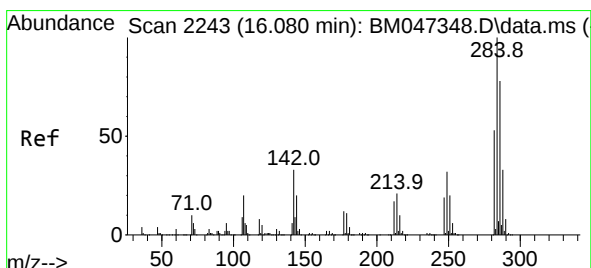
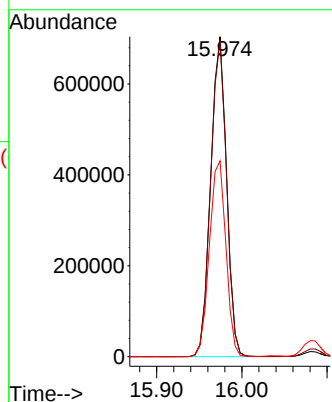
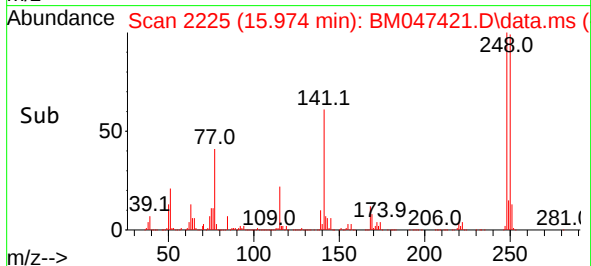


Tgt Ion:248 Resp: 91325
Ion Ratio Lower Upper
248 100
250 98.8 78.8 118.2
141 61.2 55.9 83.9

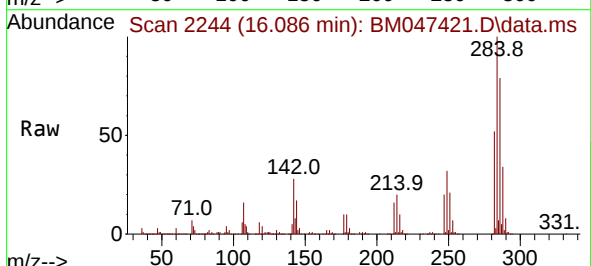
Manual Integrations

APPROVED

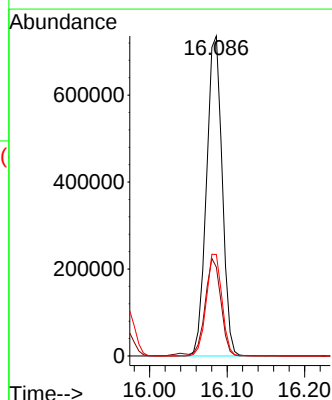
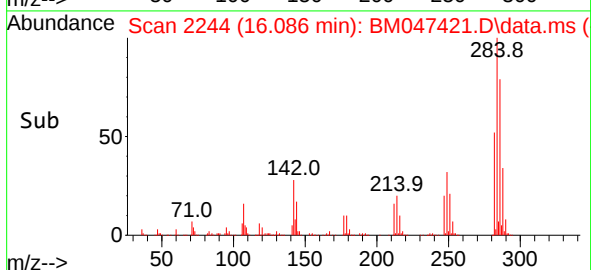
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

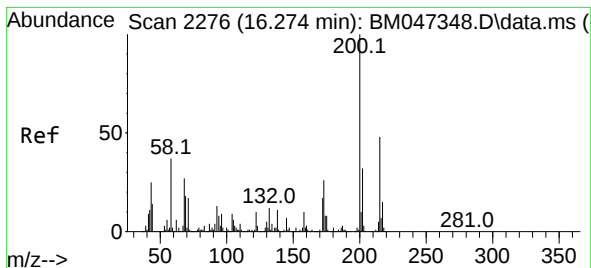


#68
Hexachlorobenzene
Concen: 42.593 ng
RT: 16.086 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion:284 Resp: 1032957
Ion Ratio Lower Upper
284 100
142 27.7 26.5 39.7
249 31.7 25.5 38.3





#69

Atrazine

Concen: 38.655 ng

RT: 16.274 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047421.D

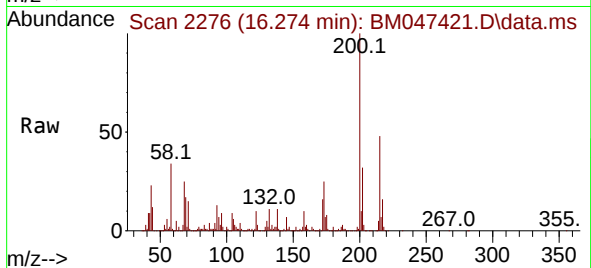
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

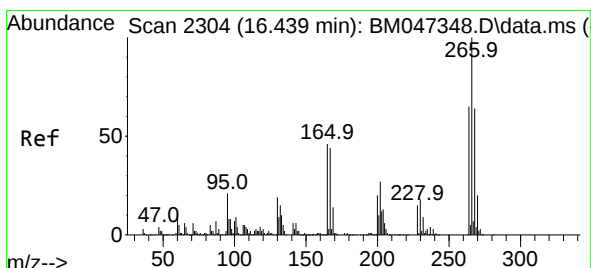
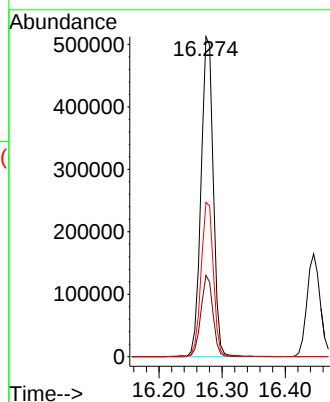
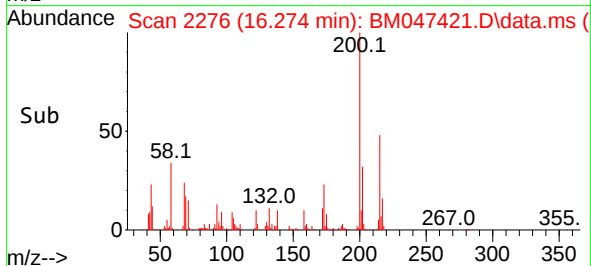


Tgt Ion:	200	Resp:	688128
Ion Ratio	Lower	Upper	
200	100		
173	25.4	5.8	45.8
215	48.2	28.3	68.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#70

Pentachlorophenol

Concen: 83.517 ng

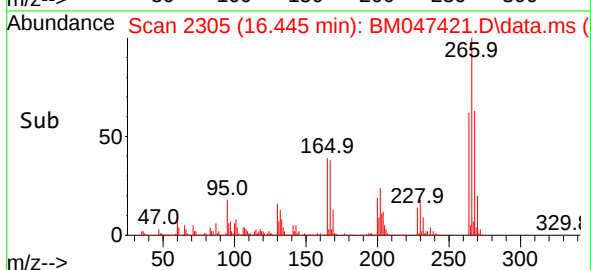
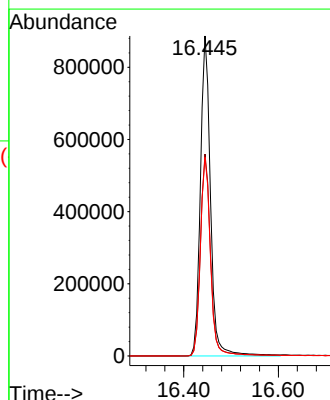
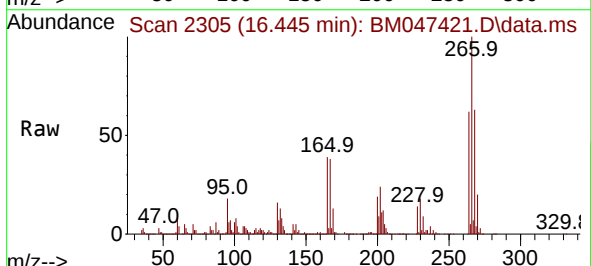
RT: 16.445 min Scan# 2305

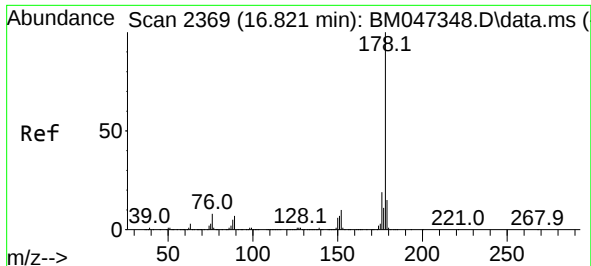
Delta R.T. 0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

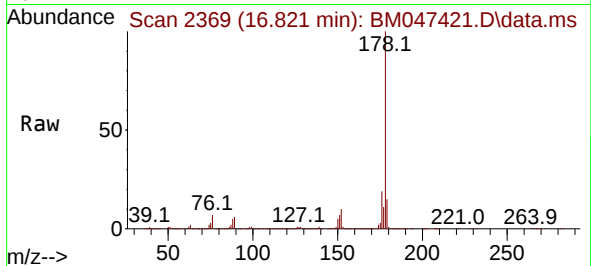
Tgt Ion:	266	Resp:	1309502
Ion Ratio	Lower	Upper	
266	100		
268	63.1	51.0	76.6
264	62.1	51.9	77.9





#71
Phenanthrene
Concen: 43.616 ng
RT: 16.821 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

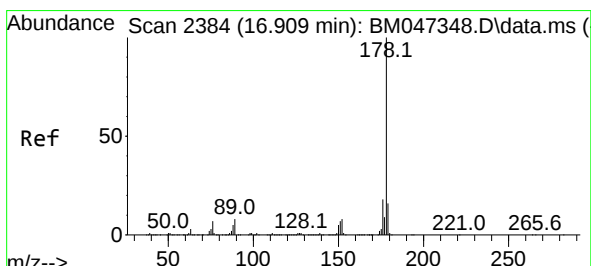
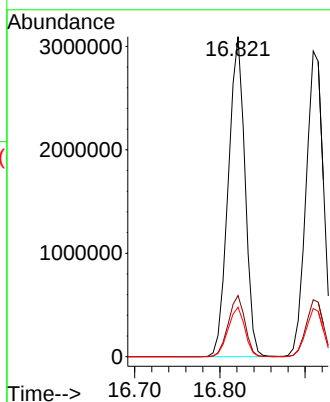
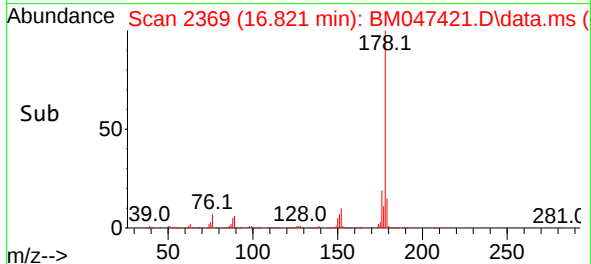
Instrument :
BNA_M
ClientSampleId :
PB163076BS



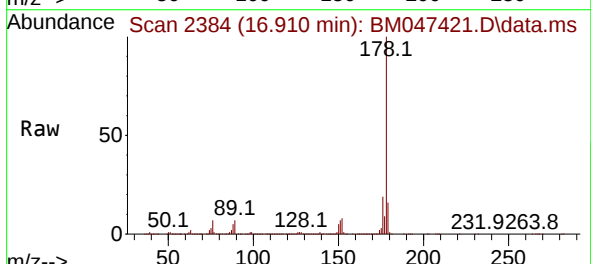
Tgt Ion:178 Resp: 421596
Ion Ratio Lower Upper
178 100
176 19.1 15.2 22.8
179 15.5 12.2 18.4

Manual Integrations
APPROVED

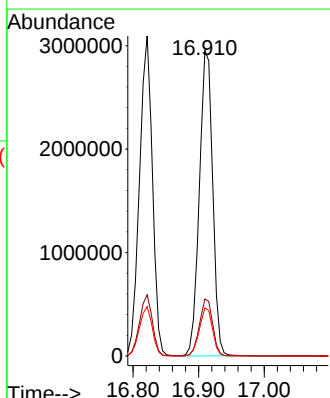
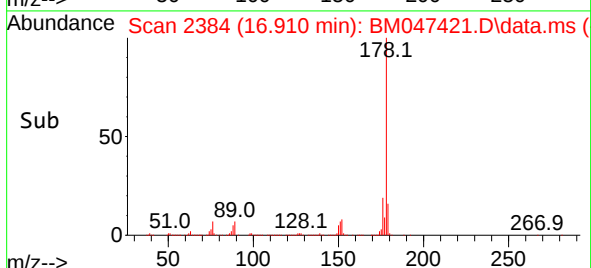
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

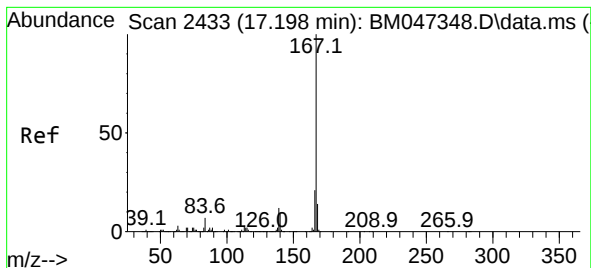


#72
Anthracene
Concen: 44.511 ng
RT: 16.910 min Scan# 2384
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion:178 Resp: 4194210
Ion Ratio Lower Upper
178 100
176 18.6 14.7 22.1
179 15.8 12.6 18.8





#73

Carbazole

Concen: 44.458 ng

RT: 17.198 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Tgt Ion:167 Resp: 401995

Ion Ratio Lower Upper

167 100

166 21.4 16.9 25.3

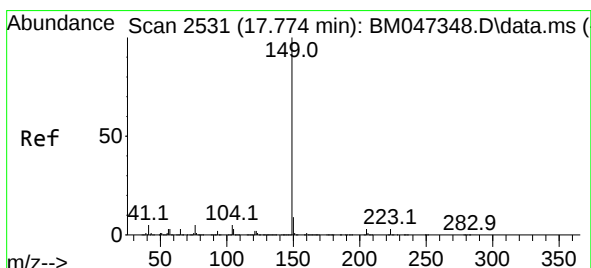
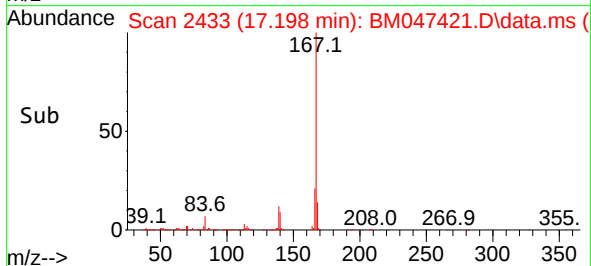
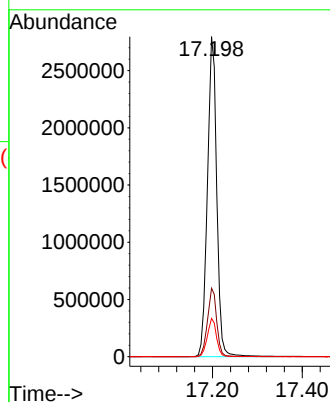
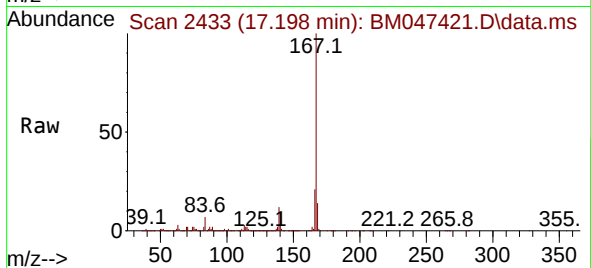
139 12.0 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#74

Di-n-butylphthalate

Concen: 44.186 ng

RT: 17.768 min Scan# 2530

Delta R.T. -0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

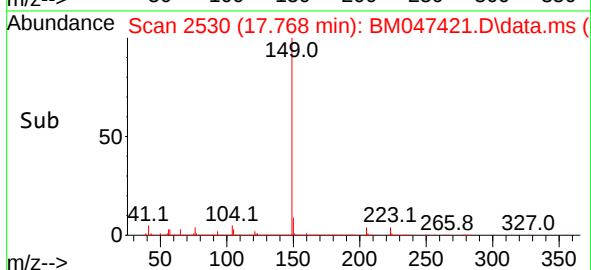
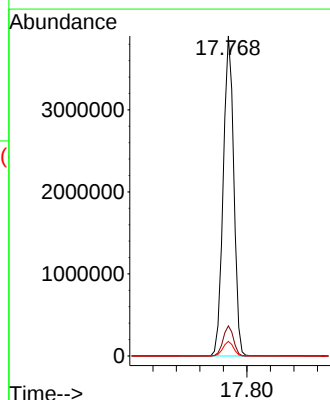
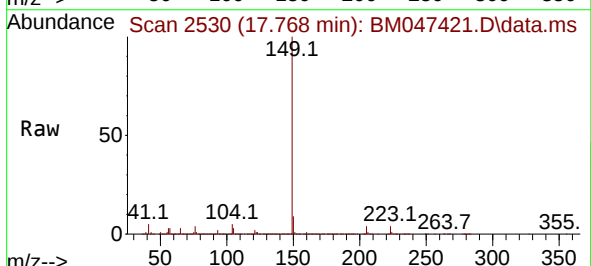
Tgt Ion:149 Resp: 4865190

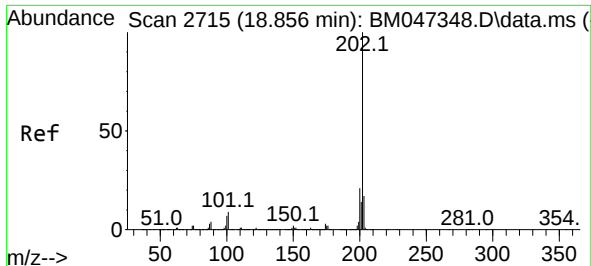
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

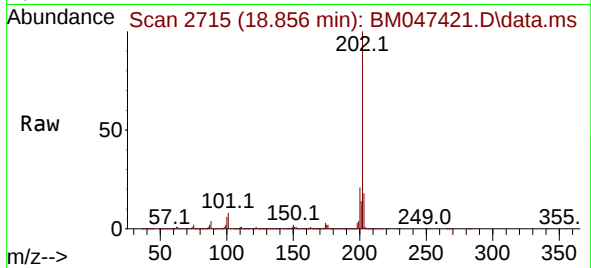
104 4.5 3.8 5.6





#75
Fluoranthene
Concen: 45.441 ng
RT: 18.856 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

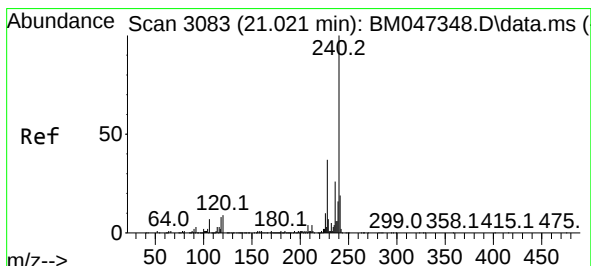
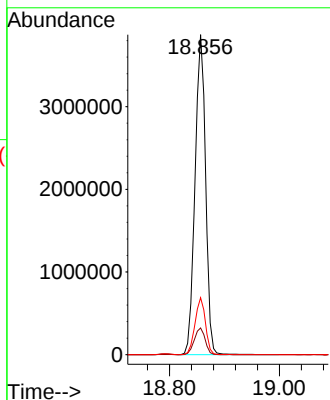
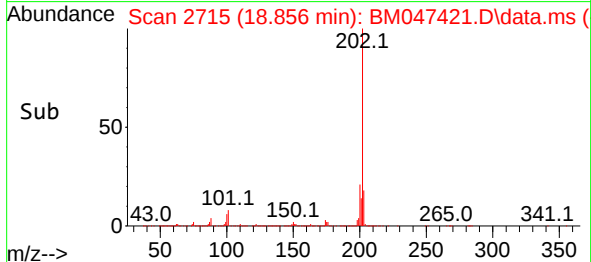
Instrument :
BNA_M
ClientSampleId :
PB163076BS



Tgt Ion:202 Resp: 515742
Ion Ratio Lower Upper
202 100
101 8.4 0.0 29.0
203 17.8 0.0 37.5

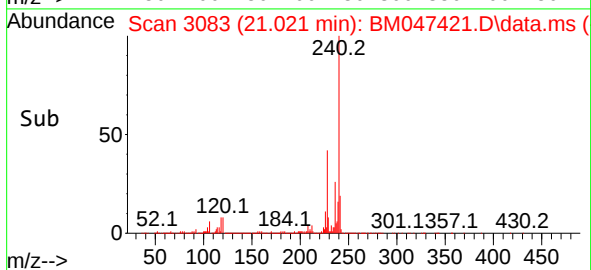
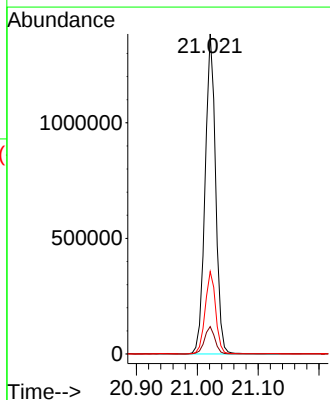
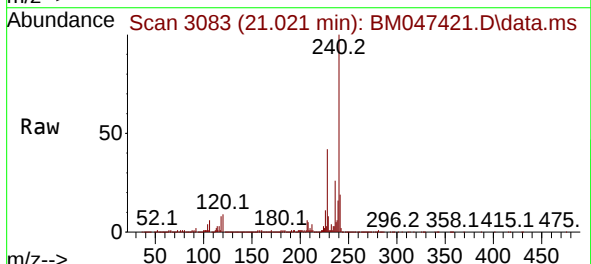
Manual Integrations
APPROVED

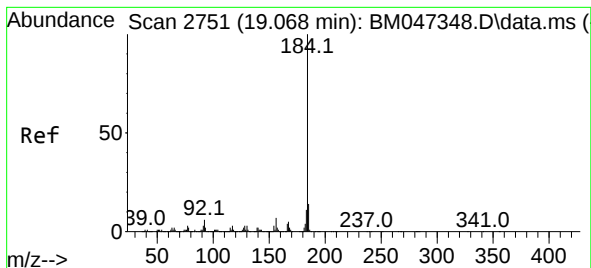
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Tgt Ion:240 Resp: 1662098
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.7 20.8 31.2





#77

Benzidine

Concen: 16.679 ng

RT: 19.068 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

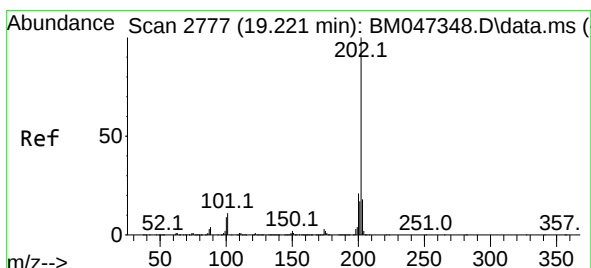
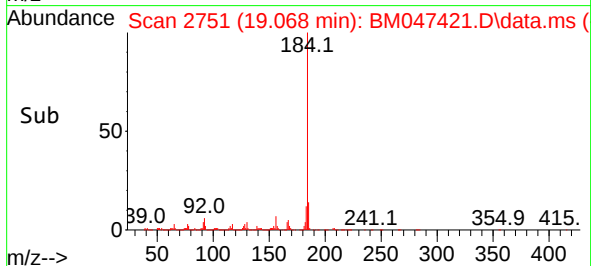
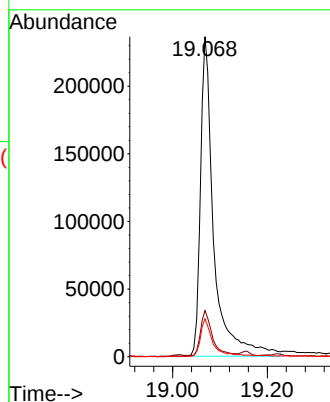
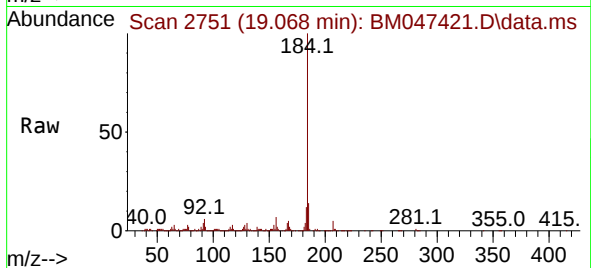
PB163076BS

Tgt Ion:184 Resp: 462740
 Ion Ratio Lower Upper
 184 100
 185 14.4 11.5 17.3
 183 11.8 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
 Supervised By :mohammad ahmed 09/06/2024



#78

Pyrene

Concen: 41.421 ng

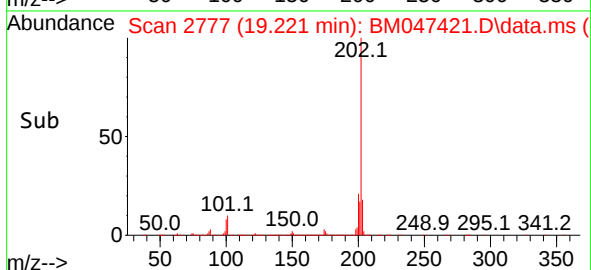
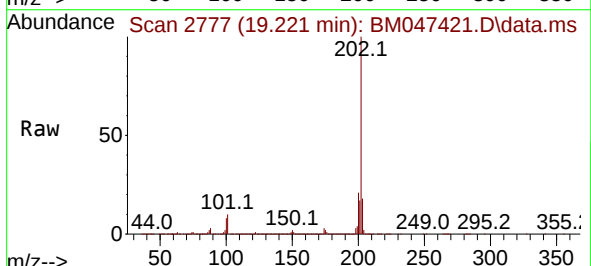
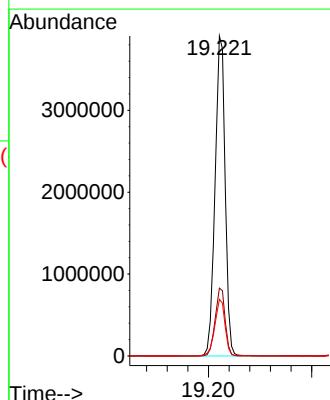
RT: 19.221 min Scan# 2777

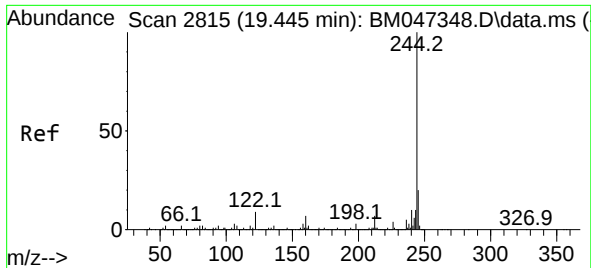
Delta R.T. 0.000 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

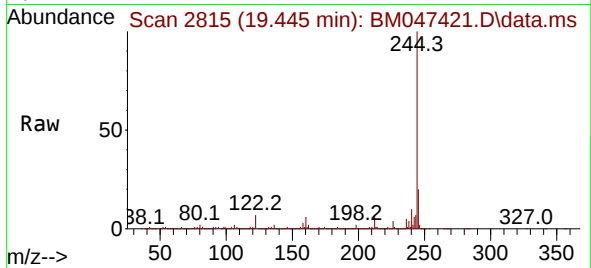
Tgt Ion:202 Resp: 5280276
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.7 25.1
 203 17.7 14.2 21.4





#79
Terphenyl-d14
Concen: 83.998 ng
RT: 19.445 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

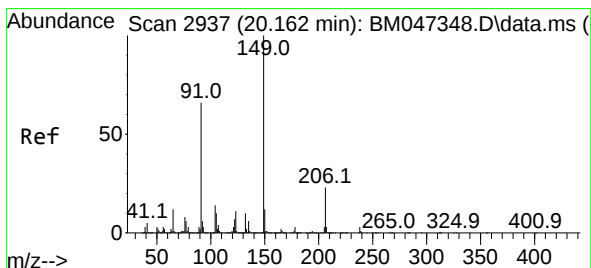
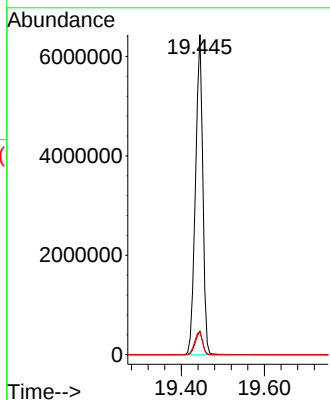
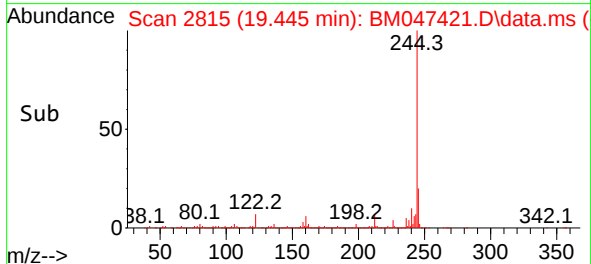
Instrument :
BNA_M
ClientSampleId :
PB163076BS



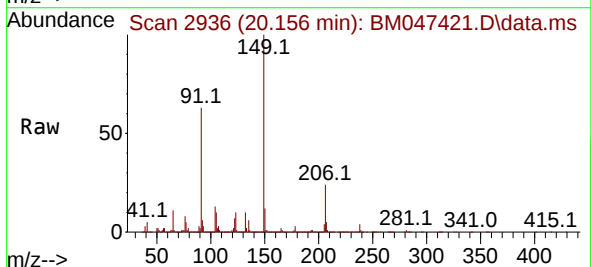
Tgt Ion:244 Resp: 7843574
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 7.2 7.0 10.4

Manual Integrations
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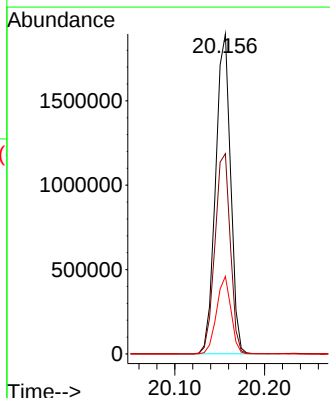
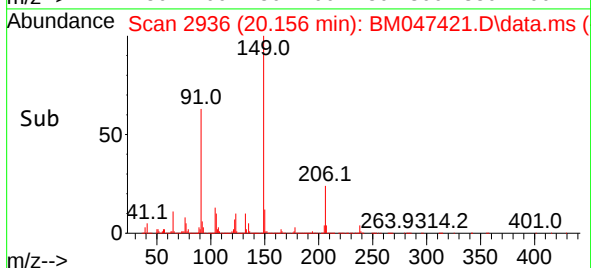
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

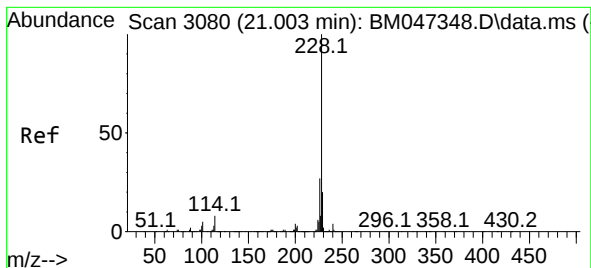


#80
Butylbenzylphthalate
Concen: 44.083 ng
RT: 20.156 min Scan# 2936
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion:149 Resp: 2199093
Ion Ratio Lower Upper
149 100
91 62.6 52.6 79.0
206 24.3 18.2 27.2





#81

Benzo(a)anthracene

Concen: 44.632 ng

RT: 21.003 min Scan# 3080

Delta R.T. 0.000 min

Lab File: BM047421.D

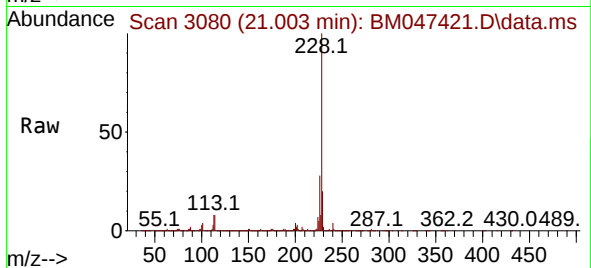
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS



Tgt Ion:228 Resp: 483775

Ion Ratio Lower Upper

228 100

226 27.7 21.4 32.0

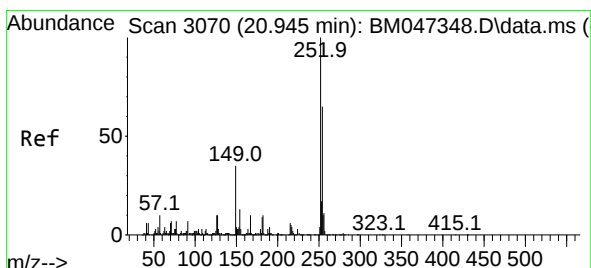
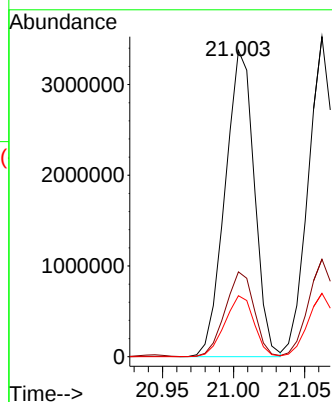
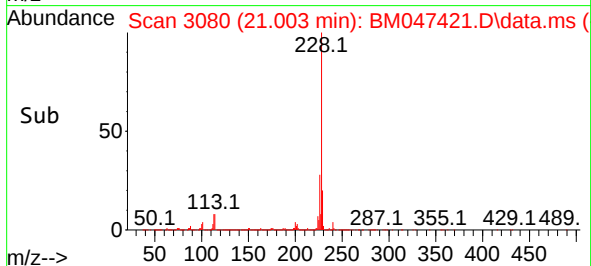
229 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#82

3,3'-Dichlorobenzidine

Concen: 41.089 ng

RT: 20.945 min Scan# 3070

Delta R.T. 0.000 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

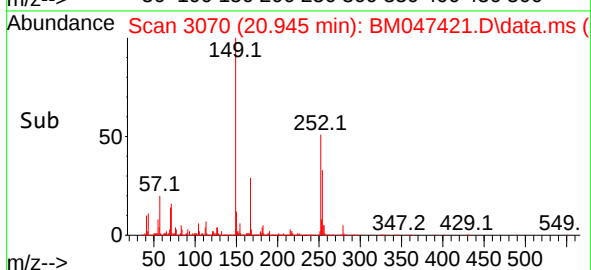
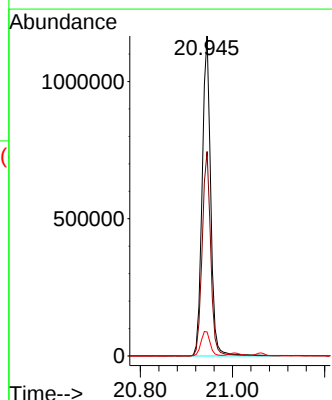
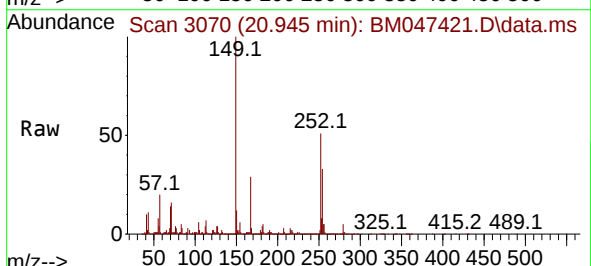
Tgt Ion:252 Resp: 1498159

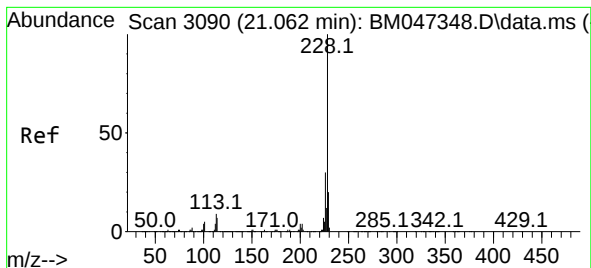
Ion Ratio Lower Upper

252 100

254 63.9 52.1 78.1

126 7.5 7.9 11.9#





#83

Chrysene

Concen: 44.148 ng

RT: 21.062 min Scan# 3090

Delta R.T. 0.000 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Tgt Ion:228 Resp: 4501338

Ion Ratio Lower Upper

228 100

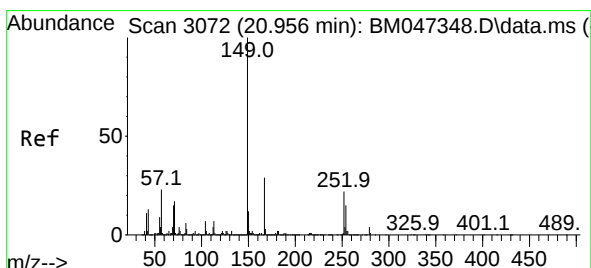
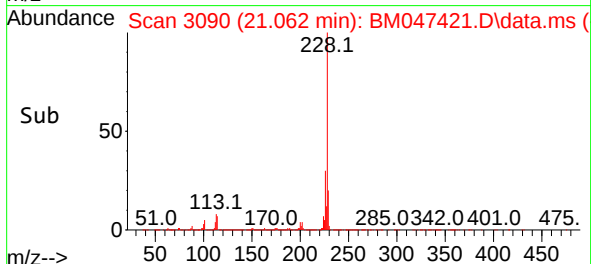
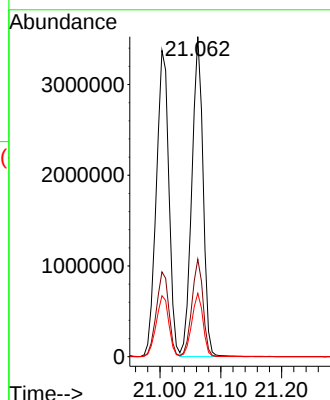
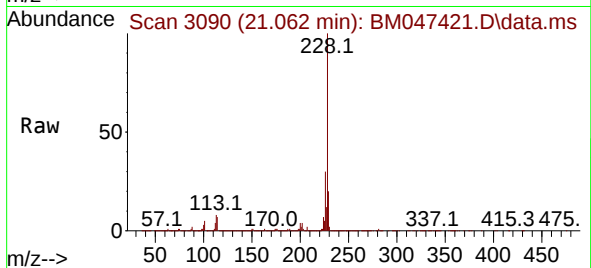
226 30.4 24.0 36.0

229 19.8 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.155 ng

RT: 20.950 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

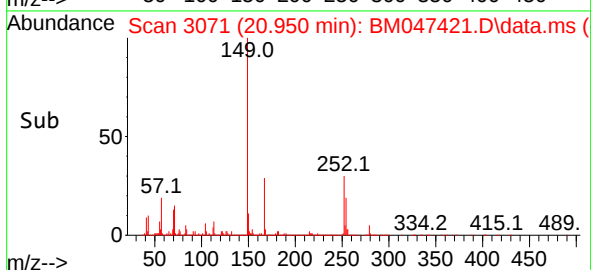
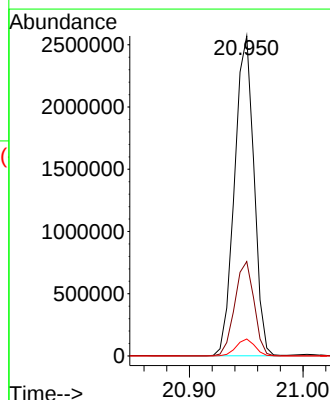
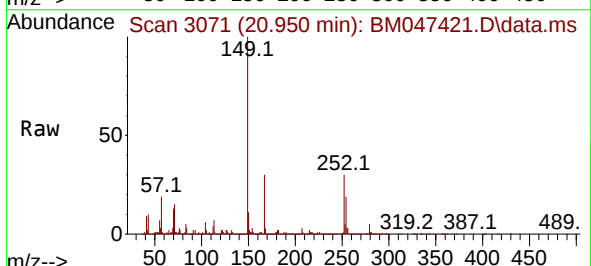
Tgt Ion:149 Resp: 3042632

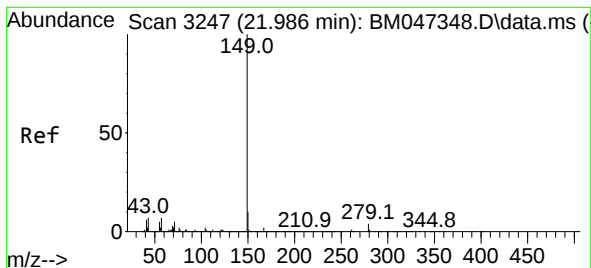
Ion Ratio Lower Upper

149 100

167 29.5 23.1 34.7

279 5.3 3.3 4.9#





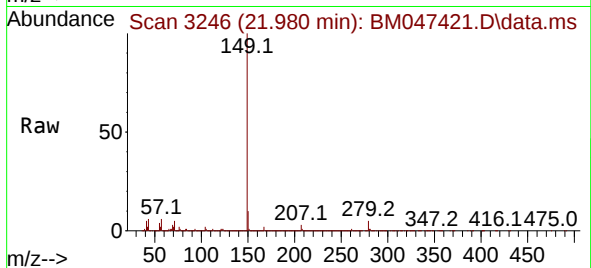
#85
Di-n-octyl phthalate
Concen: 45.118 ng
RT: 21.980 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

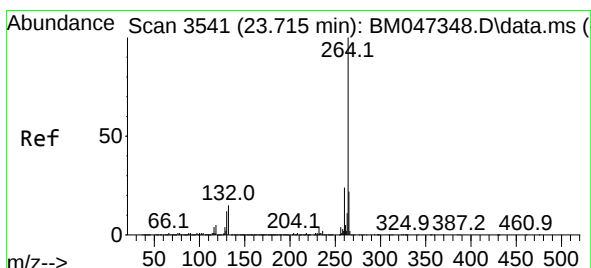
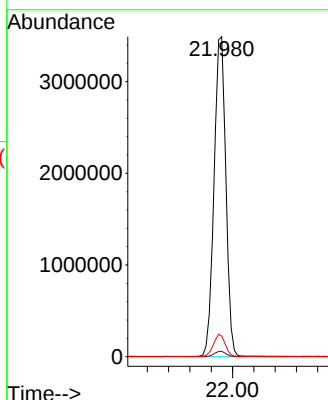
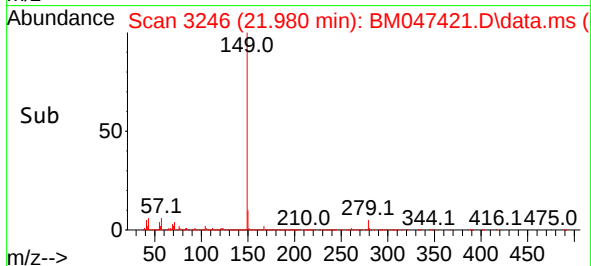


Tgt Ion:149 Resp: 535417
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 6.8 6.1 9.1

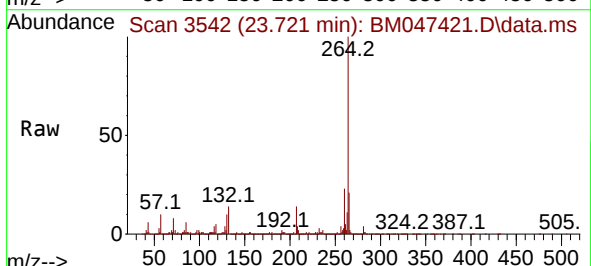
Manual Integrations

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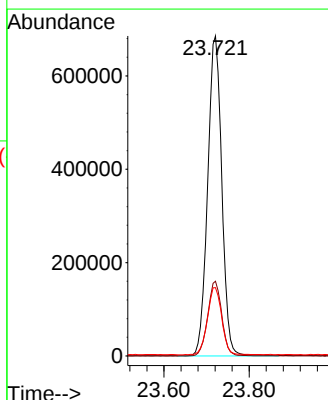
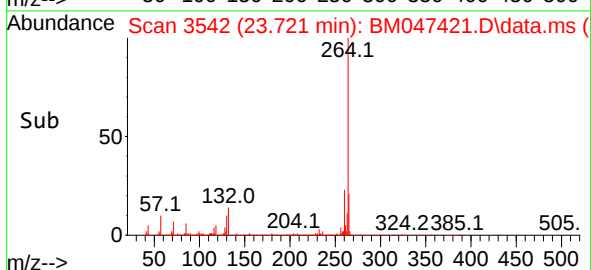
Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024

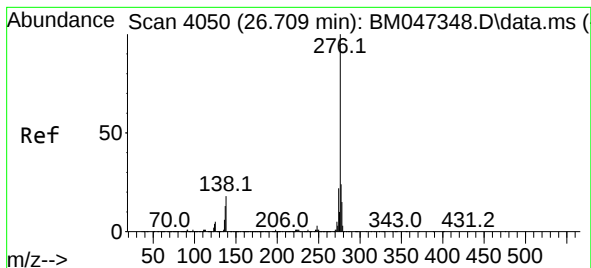


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.721 min Scan# 3542
Delta R.T. 0.006 min
Lab File: BM047421.D
Acq: 03 Sep 2024 12:02



Tgt Ion:264 Resp: 1575901
Ion Ratio Lower Upper
264 100
260 23.4 19.0 28.4
265 21.3 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.359 ng

RT: 26.750 min Scan# 4050

Delta R.T. 0.041 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Tgt Ion:276 Resp: 4770674

Ion Ratio Lower Upper

276 100

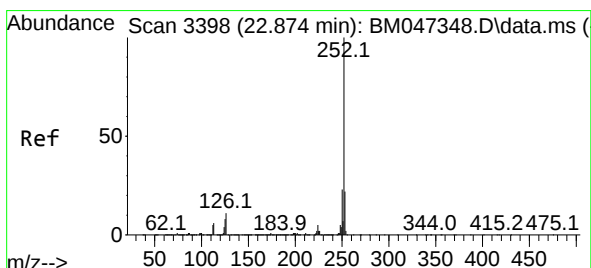
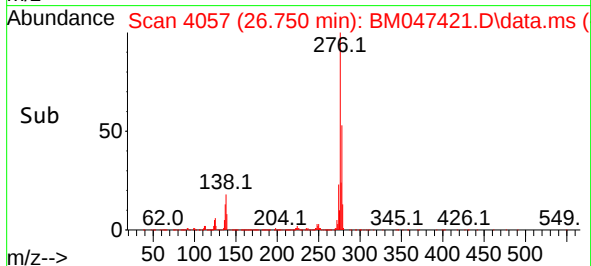
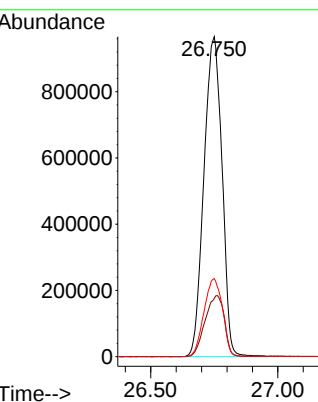
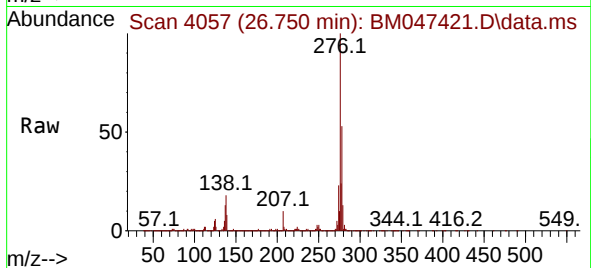
138 20.4 17.7 26.5

277 25.0 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#88

Benzo(b)fluoranthene

Concen: 51.859 ng

RT: 22.880 min Scan# 3399

Delta R.T. 0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

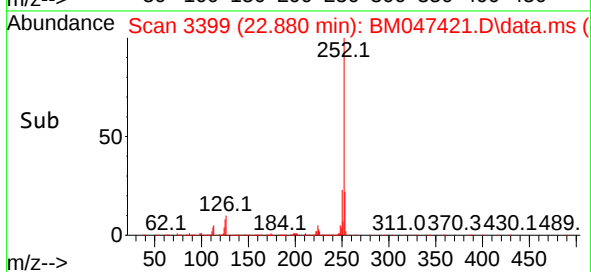
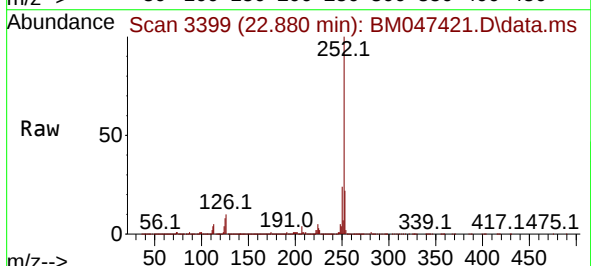
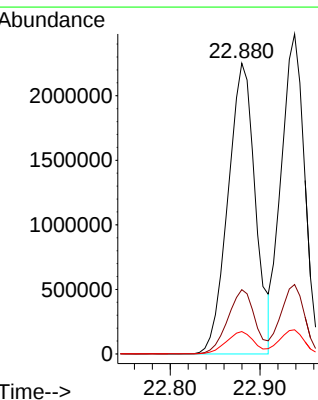
Tgt Ion:252 Resp: 4768015

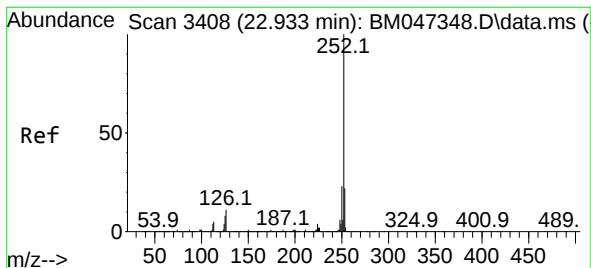
Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 7.7 6.6 10.0





#89

Benzo(k)fluoranthene

Concen: 51.681 ng

RT: 22.939 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Tgt Ion:252 Resp: 450441

Ion Ratio Lower Upper

252 100

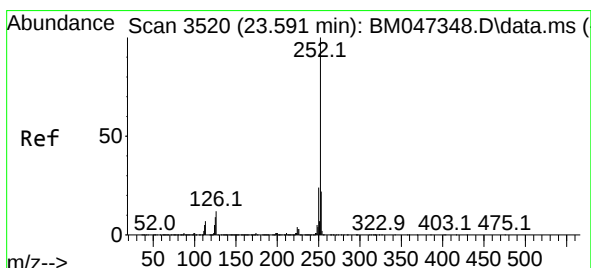
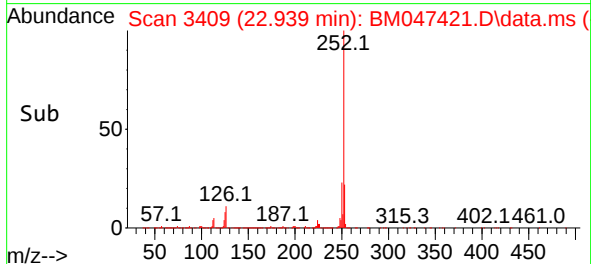
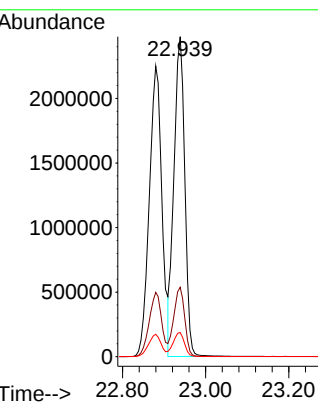
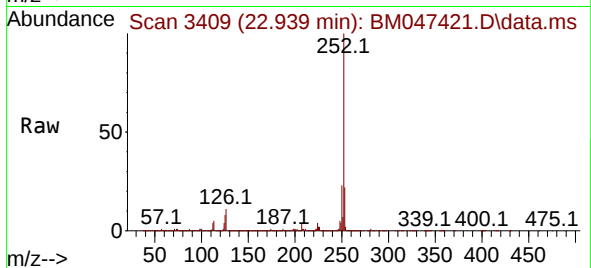
253 21.7 17.5 26.3

125 7.6 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/06/2024



#90

Benzo(a)pyrene

Concen: 53.274 ng

RT: 23.597 min Scan# 3521

Delta R.T. 0.006 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

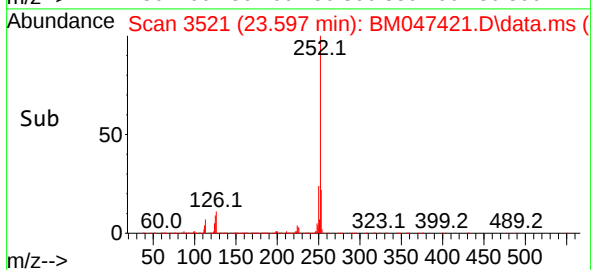
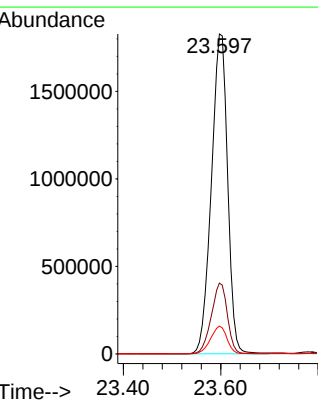
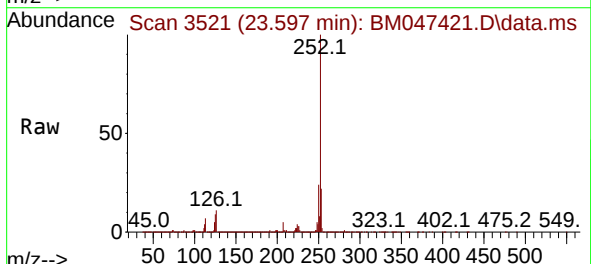
Tgt Ion:252 Resp: 4235813

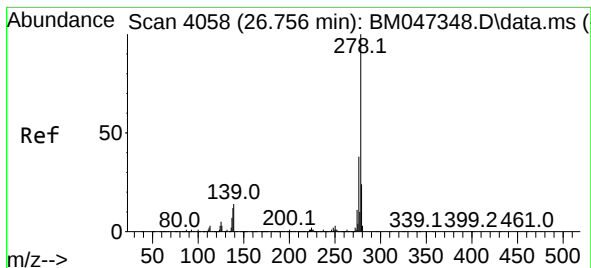
Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 8.7 7.4 11.2





#91

Dibenzo(a,h)anthracene

Concen: 48.433 ng

RT: 26.779 min Scan# 4058

Delta R.T. 0.024 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Instrument :

BNA_M

ClientSampleId :

PB163076BS

Tgt Ion:278 Resp: 387072

Ion Ratio Lower Upper

278 100

139 13.3 11.1 16.7

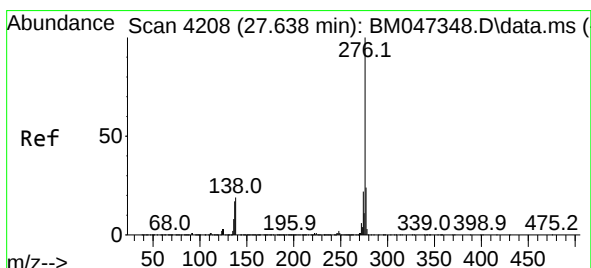
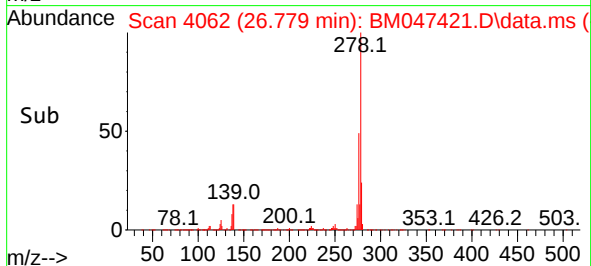
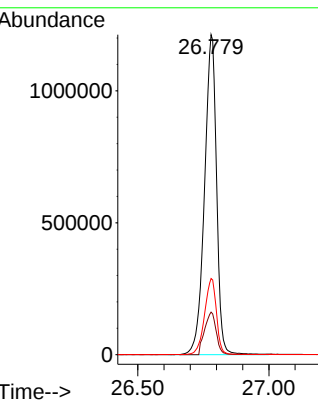
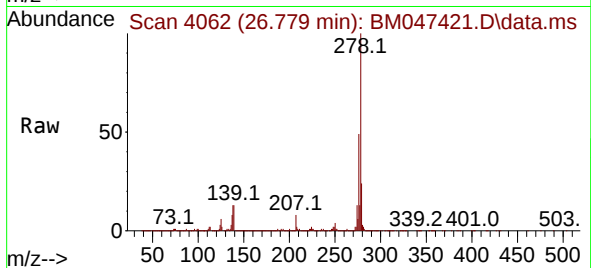
279 23.8 19.2 28.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024

Supervised By :mohammad ahmed 09/06/2024



#92

Benzo(g,h,i)perylene

Concen: 44.902 ng

RT: 27.674 min Scan# 4214

Delta R.T. 0.035 min

Lab File: BM047421.D

Acq: 03 Sep 2024 12:02

Tgt Ion:276 Resp: 3730643

Ion Ratio Lower Upper

276 100

277 23.5 19.4 29.0

138 17.5 15.0 22.6

