

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061722\
 Data File : BM035498.D
 Acq On : 17 Jun 2022 17:03
 Operator : CG/JU
 Sample : N3226-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

Quant Time: Jun 17 23:02:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM061622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 01:58:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	188730	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	819397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	488055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.204	188	948614	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	980341	20.000	ng/u1	0.00
88) Perylene-d12	23.733	264	1017893	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	9978	2.110	ng/uL	0.00
4) Pyridine-d5	3.687	84	382	0.033	ng/u1	0.00
7) Phenol-d5	7.005	99	167496	11.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	110863	12.325	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	156324	12.478	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	143056	11.815	ng/u1	0.00
21) Nitrobenzene-d5	8.981	128	73824	12.103	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	78377	11.917	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	129391	11.587	ng/u1	0.00
31) 4-Chloroaniline-d4	10.763	131	200273	11.398	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	508687	15.323	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	565386	13.743	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	44994	8.823	ng/u1	0.01
60) Fluorene-d10	15.451	176	427665	14.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	77330	13.674	ng/u1	0.00
73) Anthracene-d10	17.298	188	713872	16.742	ng/u1	0.00
81) Pyrene-d10	19.598	212	846018	17.553	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	879197	17.908	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	20420	4.260	ng/uL	95
6) Benzaldehyde	6.963	77	90967	14.683	ng/u1	98
8) Phenol	7.034	94	175607	11.378	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.240	93	140266	11.636	ng/u1	100
12) 2-Chlorophenol	7.387	128	153647	11.842	ng/u1	99
13) 2-Methylphenol	8.275	108	129322	11.312	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.352	45	215372	11.986	ng/u1	98
16) Acetophenone	8.646	105	249734	13.603	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	106054	12.244	ng/u1	100
18) 4-Methylphenol	8.610	108	140509	11.420	ng/u1	96
19) Hexachloroethane	8.887	117	60520	11.664	ng/u1	95
22) Nitrobenzene	9.022	77	152801	11.802	ng/u1	99
23) Isophorone	9.546	82	287549	11.742	ng/u1	99
25) 2-Nitrophenol	9.734	139	82979	11.591	ng/u1	98
26) 2,4-Dimethylphenol	9.804	107	156143	11.510	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.028	93	188733	11.885	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	130610	11.527	ng/u1	98
30) Naphthalene	10.657	128	511228	12.212	ng/u1	99
32) 4-Chloroaniline	10.793	127	185875	10.626	ng/u1	99
33) Hexachlorobutadiene	10.945	225	85585	12.005	ng/u1	97
34) Caprolactam	11.581	113	43291	11.347	ng/u1	92
35) 4-Chloro-3-methylphenol	11.934	107	147651	12.431	ng/u1	99
36) 2-Methylnaphthalene	12.281	142	336193	12.351	ng/u1	98
37) 1-Methylnaphthalene	12.498	142	345190	12.554	ng/u1	99

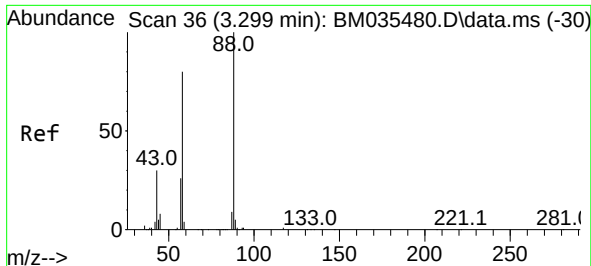
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.651	216	164834	12.061	ng/ul	98
40) Hexachlorocyclopentadiene	12.628	237	28390	5.649	ng/ul	95
41) 2,4,6-Trichlorophenol	12.910	196	102029	11.969	ng/ul	100
42) 2,4,5-Trichlorophenol	12.992	196	103220	11.671	ng/ul	100
43) 1,1'-Biphenyl	13.292	154	450559	12.345	ng/ul	100
44) 2-Chloronaphthalene	13.334	162	342138	12.266	ng/ul	98
45) 2-Nitroaniline	13.557	65	87803	12.210	ng/ul	98
47) Dimethylphthalate	13.922	163	464786	13.882	ng/ul	100
48) 2,6-Dinitrotoluene	14.045	165	87446	13.211	ng/ul	98
50) Acenaphthylene	14.175	152	570571	12.571	ng/ul	99
51) 3-Nitroaniline	14.386	138	84986	12.531	ng/ul	99
52) Acenaphthene	14.522	153	382935	12.719	ng/ul	98
53) 2,4-Dinitrophenol	14.622	184	32844	9.004	ng/ul	92
55) 4-Nitrophenol	14.733	109	30469	9.193	ng/ul	97
56) Dibenzofuran	14.857	168	538034	13.057	ng/ul	99
57) 2,4-Dinitrotoluene	14.839	165	140873	14.657	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.098	232	98189	13.442	ng/ul	98
59) Diethylphthalate	15.281	149	494734	14.583	ng/ul	99
61) Fluorene	15.504	166	456816	13.651	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.498	204	215807	13.740	ng/ul	99
63) 4-Nitroaniline	15.545	138	80789	13.335	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.610	198	77157	13.710	ng/ul	98
67) N-Nitrosodiphenylamine	15.716	169	409709	14.756	ng/ul	100
68) 4-Bromophenyl-phenylether	16.392	248	129423	14.227	ng/ul	96
69) Hexachlorobenzene	16.516	284	157457	14.961	ng/ul	99
70) Atrazine	16.675	200	147891	15.085	ng/ul	97
71) Pentachlorophenol	16.875	266	55519	10.006	ng/ul	98
72) Phenanthrene	17.245	178	768484	15.046	ng/ul	100
74) Anthracene	17.333	178	785757	15.035	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.257	216	173470	11.980	ng/uL	98
76) Pentachlorobenzene	14.781	250	174316	13.540	ng/uL	99
77) Carbazole	17.616	167	731222	15.503	ng/ul	100
78) Di-n-butylphthalate	18.174	149	903628	13.829	ng/ul	100
80) Fluoranthene	19.263	202	928810	15.842	ng/ul	97
82) Pyrene	19.627	202	981239	15.990	ng/ul	99
83) Butylbenzylphthalate	20.527	149	400768	15.191	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.315	252	245159	13.711	ng/ul	99
85) Benzo(a)anthracene	21.374	228	952524	16.092	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	621458	15.874	ng/ul	100
87) Chrysene	21.427	228	946992	16.049	ng/ul	99
89) Di-n-octyl phthalate	22.209	149	1063265	15.916	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	997093	16.492	ng/ul	99
91) Benzo(k)fluoranthene	23.068	252	964229	16.581	ng/ul	99
93) Benzo(a)pyrene	23.627	252	985814	16.264	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.156	276	1130774	15.935	ng/ul	99
95) Dibenzo(a,h)anthracene	26.162	278	978212	16.111	ng/ul	99
96) Benzo(g,h,i)perylene	26.897	276	844673	13.889	ng/ul	98

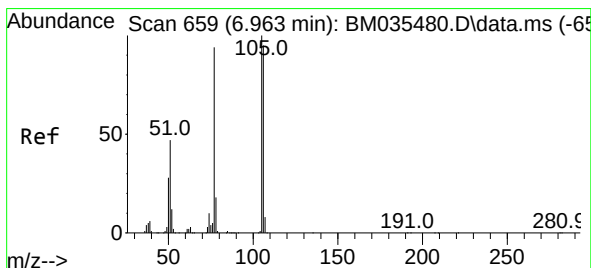
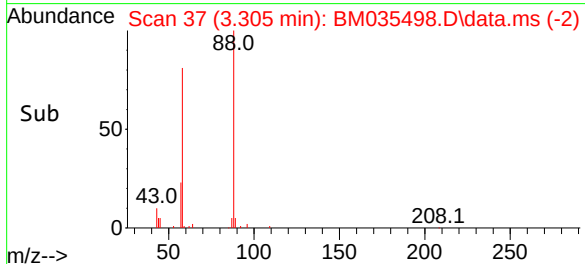
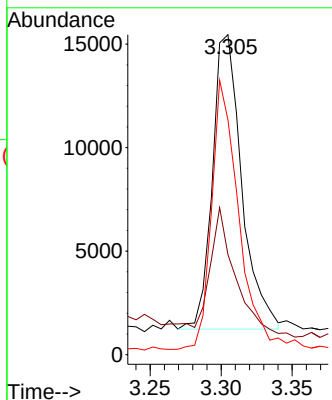
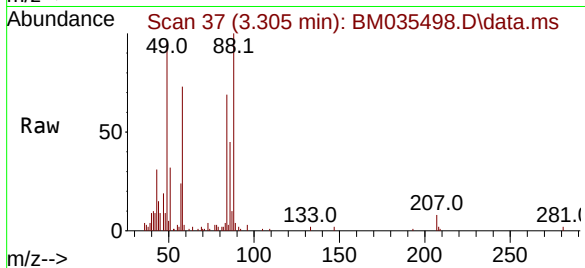
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#2
1,4-Dioxane
Concen: 4.260 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM035498.D
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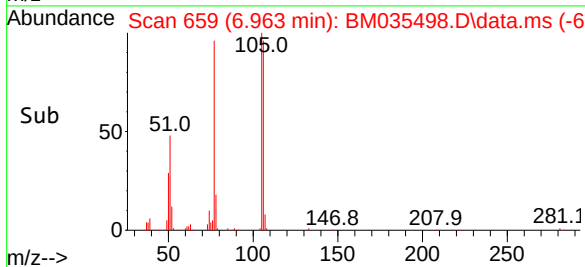
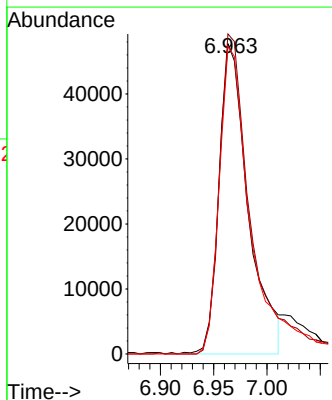
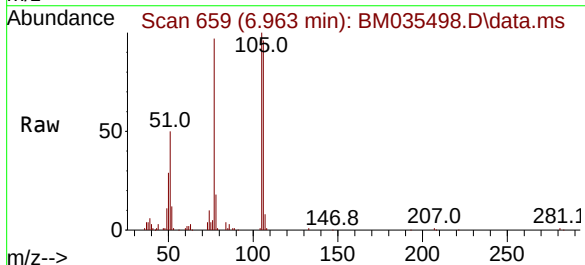
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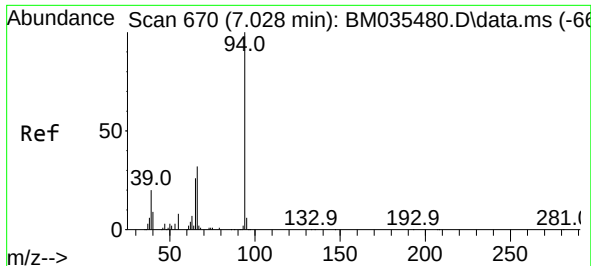
Tgt Ion: 88 Resp: 20420
Ion Ratio Lower Upper
88 100
43 31.2 27.8 41.8
58 73.4 61.8 92.8



#6
Benzaldehyde
Concen: 14.683 ng/uL
RT: 6.963 min Scan# 659
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion: 77 Resp: 90967
Ion Ratio Lower Upper
77 100
105 103.2 84.6 127.0
106 99.2 80.3 120.5

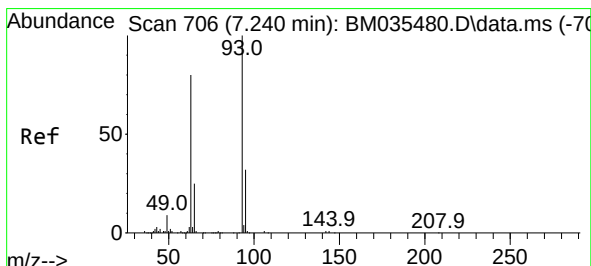
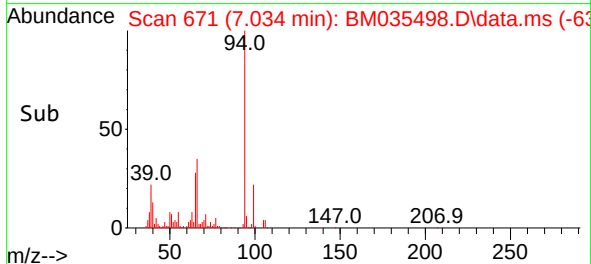
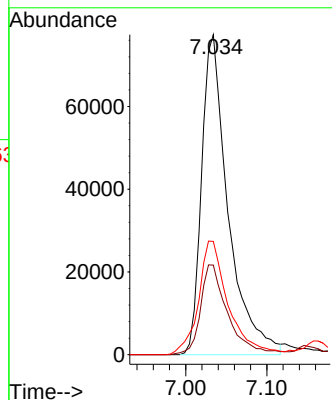
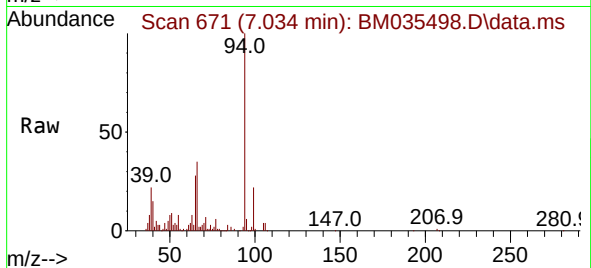




#8
Phenol
Concen: 11.378 ng/ul
RT: 7.034 min Scan# 671
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

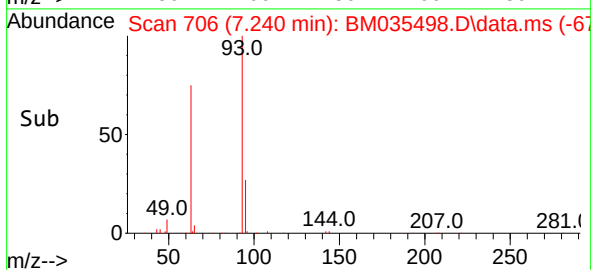
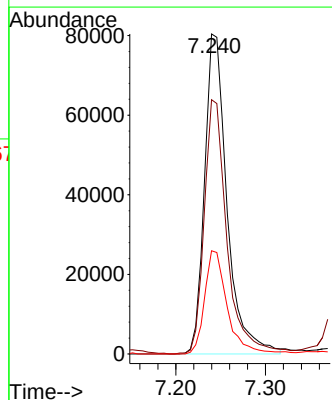
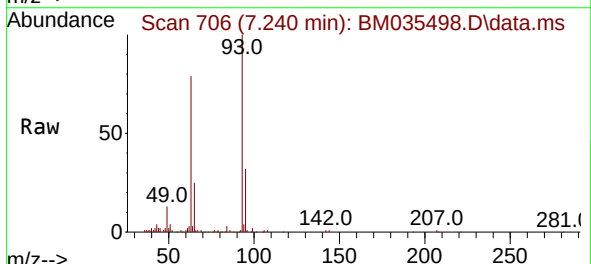
Instrument :
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ClientSampleId :
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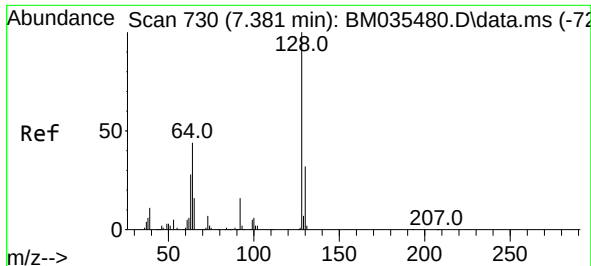
Tgt Ion: 94 Resp: 175607
Ion Ratio Lower Upper
94 100
65 28.0 21.3 31.9
66 35.4 27.4 41.0



#10
Bis(2-Chloroethyl)ether
Concen: 11.636 ng/ul
RT: 7.240 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion: 93 Resp: 140266
Ion Ratio Lower Upper
93 100
63 79.5 64.0 96.0
95 32.3 25.8 38.6

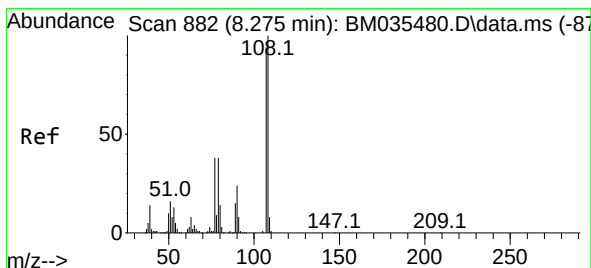
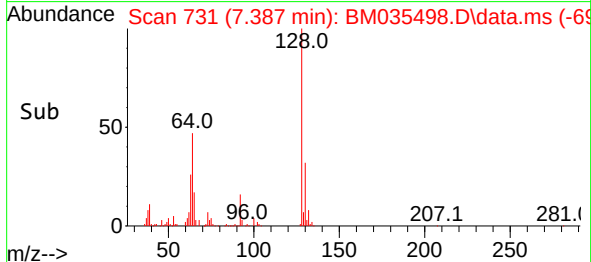
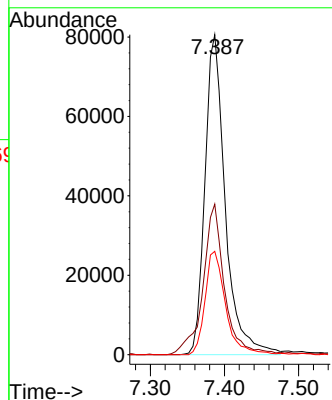
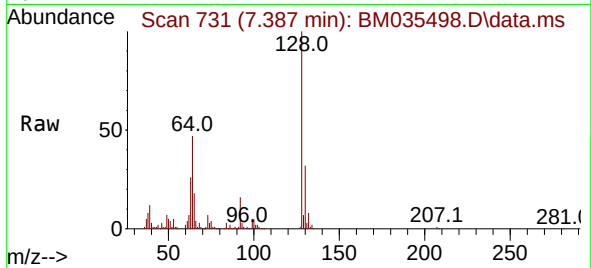




#12
2-Chlorophenol
Concen: 11.842 ng/ul
RT: 7.387 min Scan# 71
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

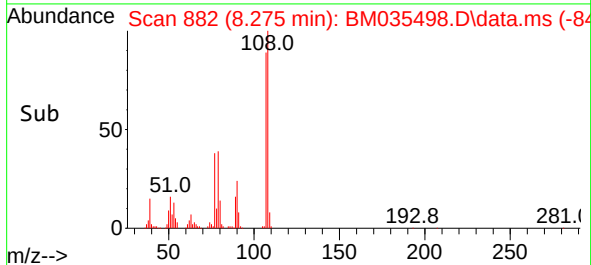
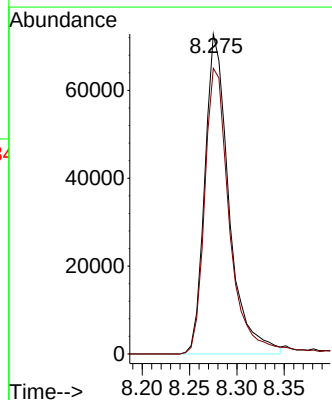
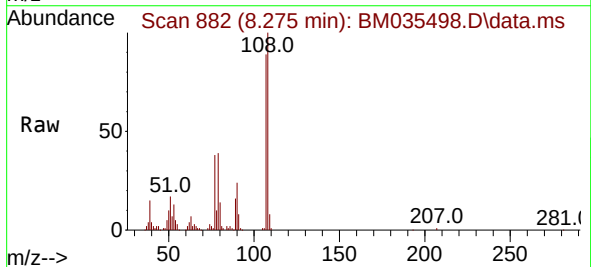
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ClientSampleId :
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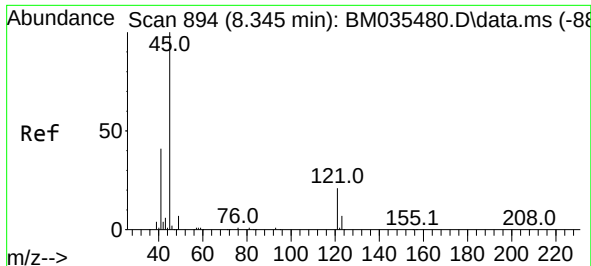
Tgt Ion:128 Resp: 153647
Ion Ratio Lower Upper
128 100
64 47.1 36.9 55.3
130 32.3 25.6 38.4



#13
2-Methylphenol
Concen: 11.312 ng/ul
RT: 8.275 min Scan# 882
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:108 Resp: 129322
Ion Ratio Lower Upper
108 100
107 89.3 75.0 112.4

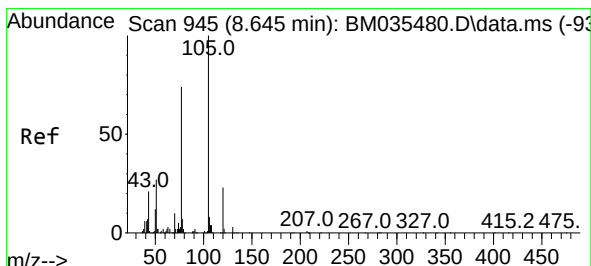
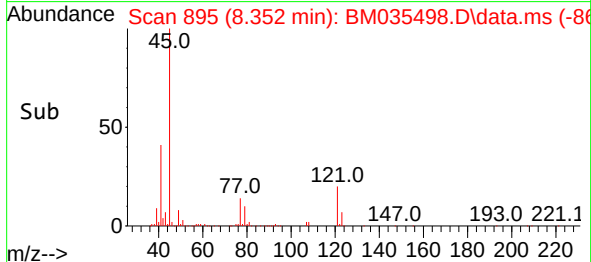
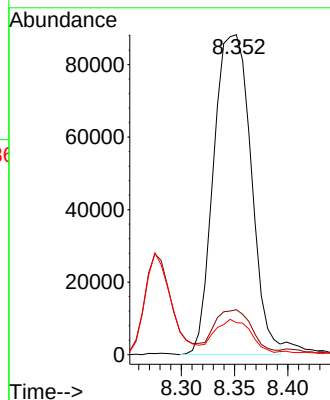
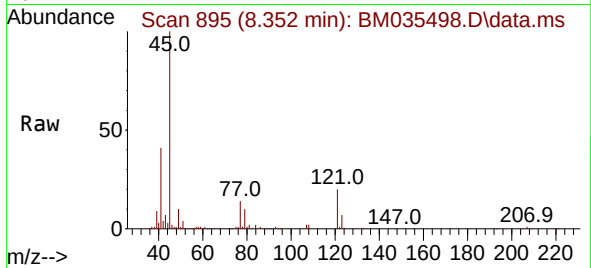




#14
2,2'-oxybis(1-Chloropropane)
Concen: 11.986 ng/ul
RT: 8.352 min Scan# 894
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

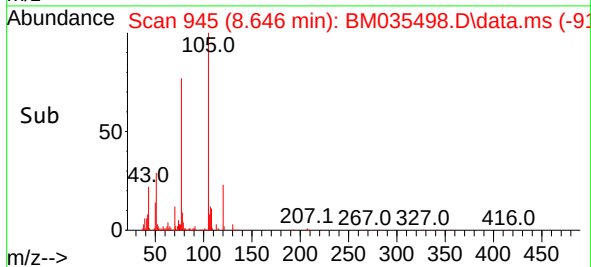
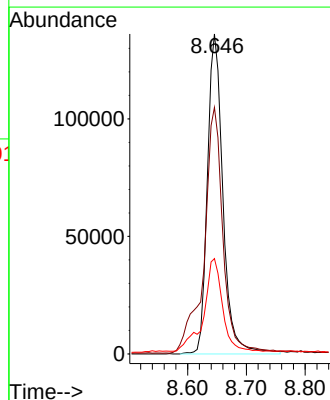
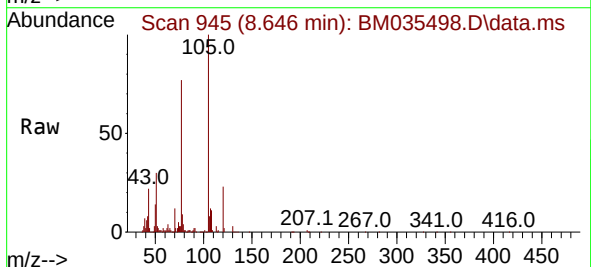
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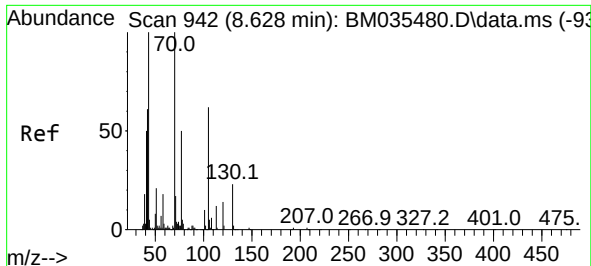
Tgt Ion: 45 Resp: 215372
Ion Ratio Lower Upper
45 100
77 14.0 10.6 15.8
79 10.0 8.3 12.5



#16
Acetophenone
Concen: 13.603 ng/ul
RT: 8.646 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:105 Resp: 249734
Ion Ratio Lower Upper
105 100
77 77.0 59.8 89.6
51 29.8 22.1 33.1

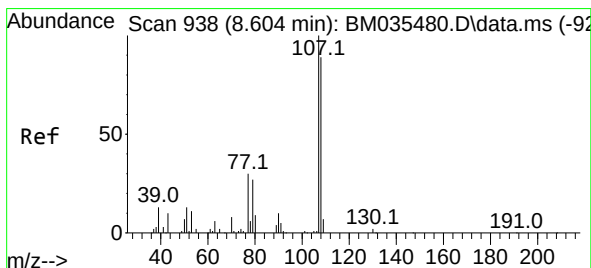
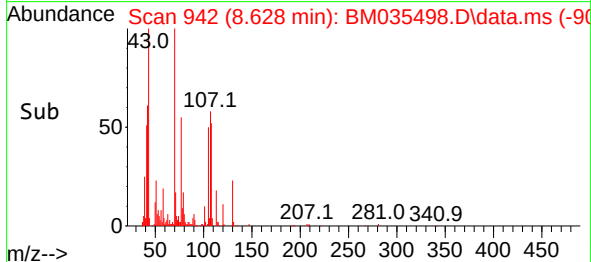
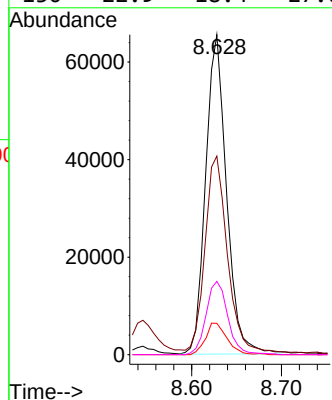
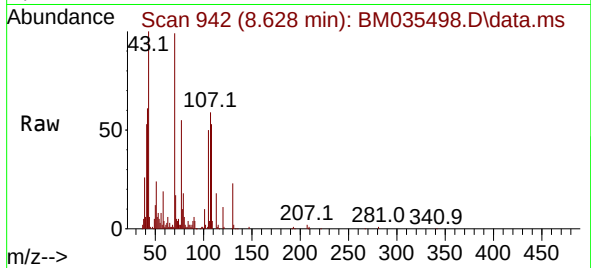




#17
N-Nitroso-di-n-propylamine
Concen: 12.244 ng/ul
RT: 8.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

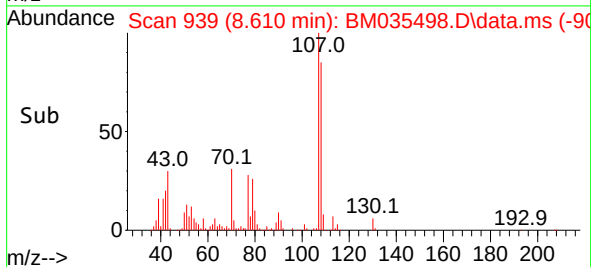
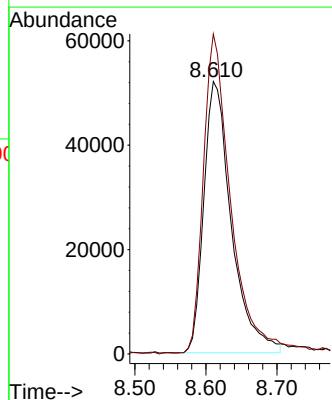
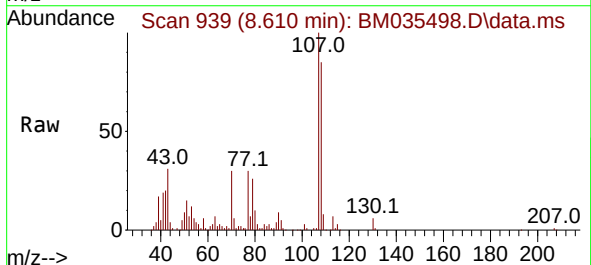
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ClientSampleId :
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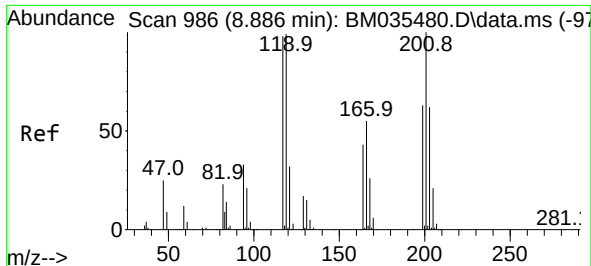
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Ion Ratio	Lower Upper
70	100
42	62.1 49.6 74.4
101	9.8 8.1 12.1
130	22.9 18.4 27.6



#18
4-Methylphenol
Concen: 11.420 ng/ul
RT: 8.610 min Scan# 939
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion: 108	Resp: 140509
Ion Ratio	Lower Upper
108	100
107	117.4 90.3 135.5

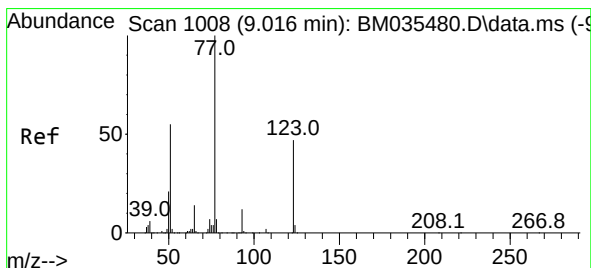
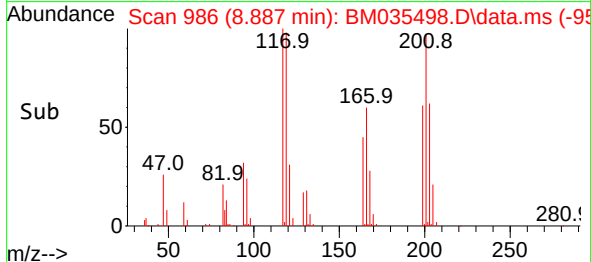
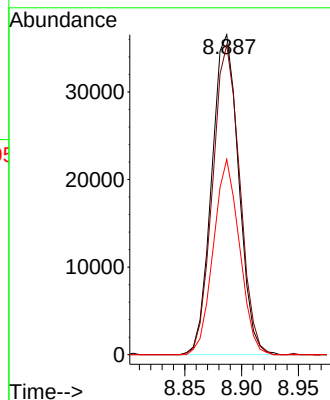
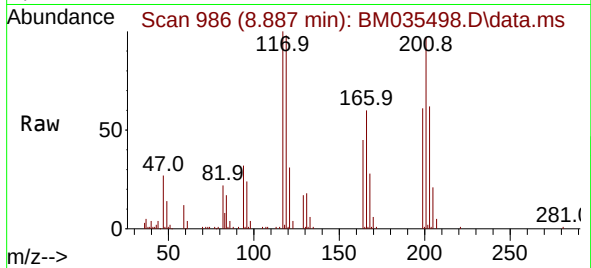




#19
Hexachloroethane
Concen: 11.664 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

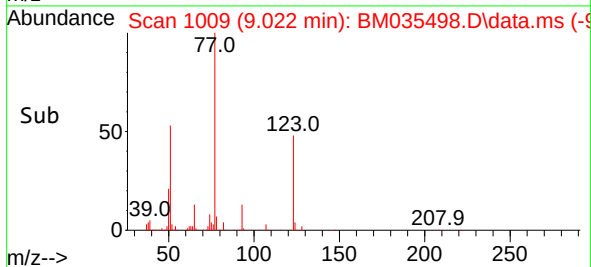
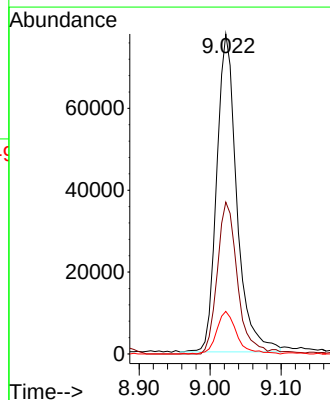
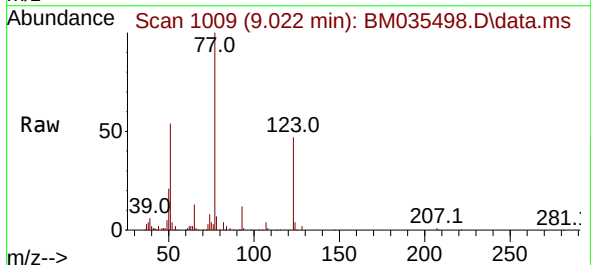
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

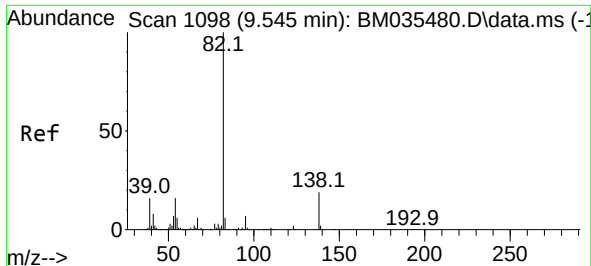
Tgt Ion:117 Resp: 60520
Ion Ratio Lower Upper
117 100
201 96.8 81.8 122.6
199 61.0 51.6 77.4



#22
Nitrobenzene
Concen: 11.802 ng/ul
RT: 9.022 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion: 77 Resp: 152801
Ion Ratio Lower Upper
77 100
123 47.5 37.4 56.0
65 13.3 10.8 16.2

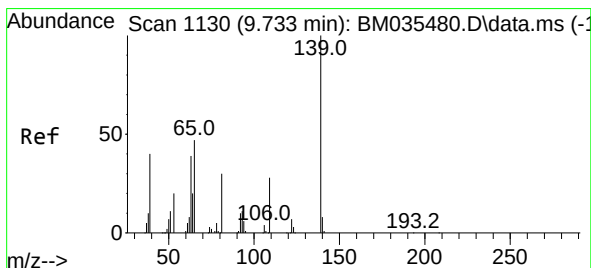
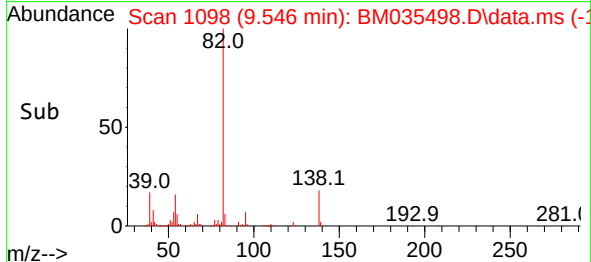
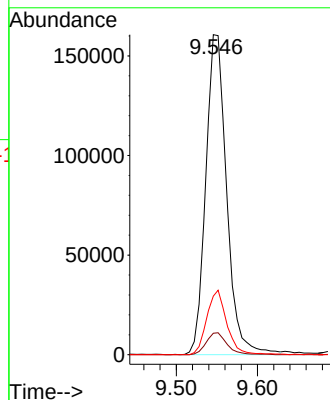
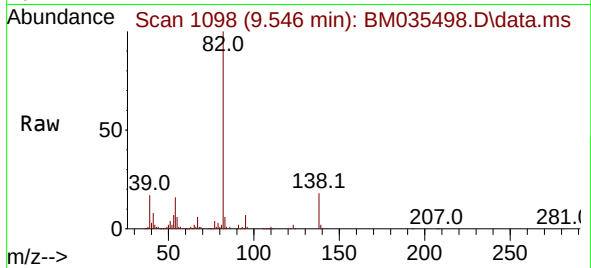




#23
Isophorone
Concen: 11.742 ng/ul
RT: 9.546 min Scan# 1098
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

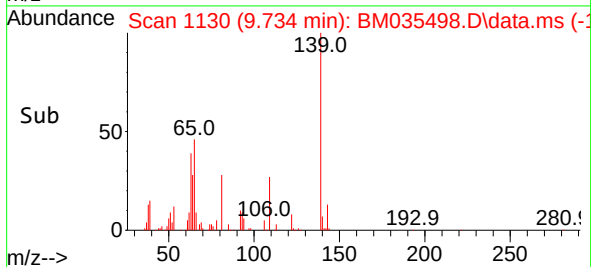
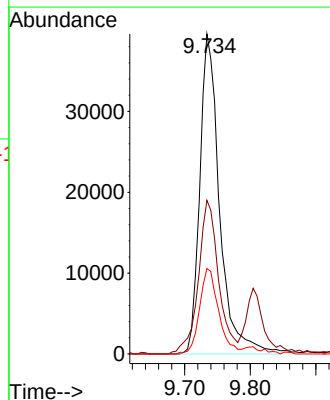
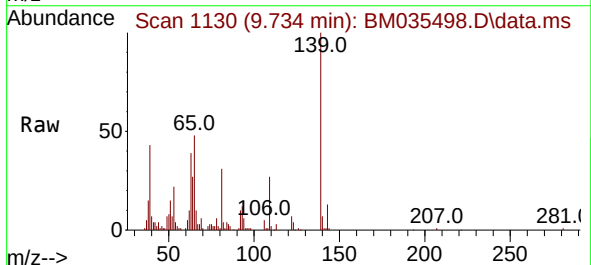
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

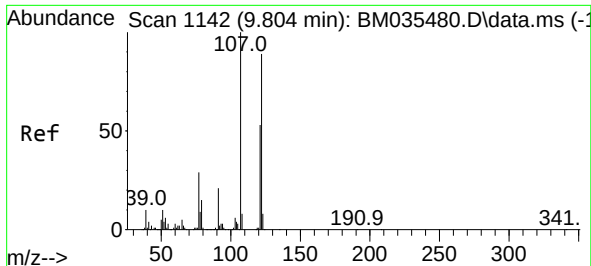
Tgt Ion: 82 Resp: 287549
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.3 15.3 22.9



#25
2-Nitrophenol
Concen: 11.591 ng/ul
RT: 9.734 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:139 Resp: 82979
Ion Ratio Lower Upper
139 100
65 48.0 39.8 59.6
109 26.7 22.2 33.4

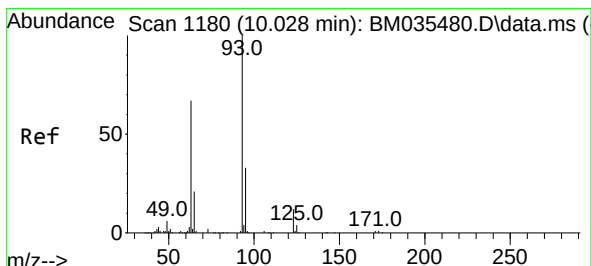
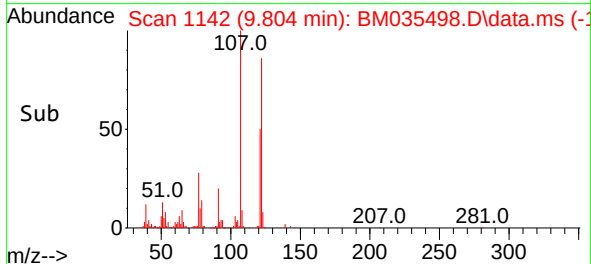
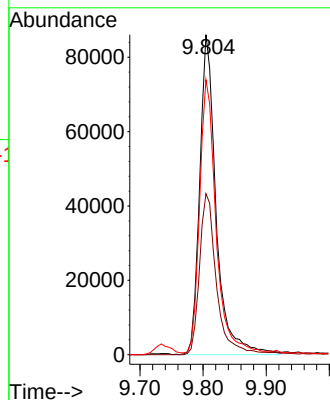
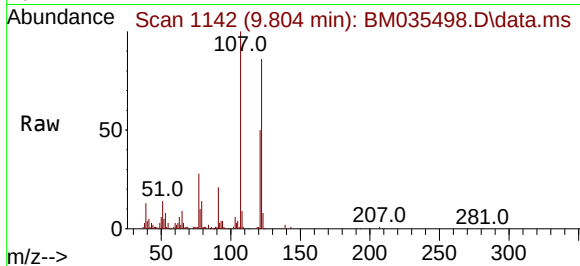




#26
 2,4-Dimethylphenol
 Concen: 11.510 ng/ul
 RT: 9.804 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

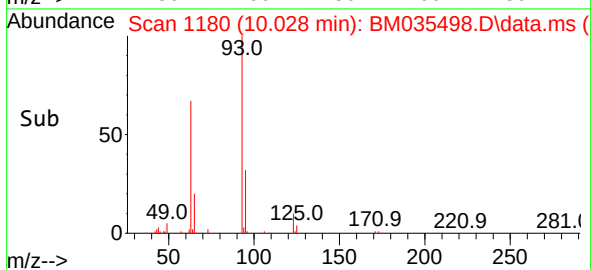
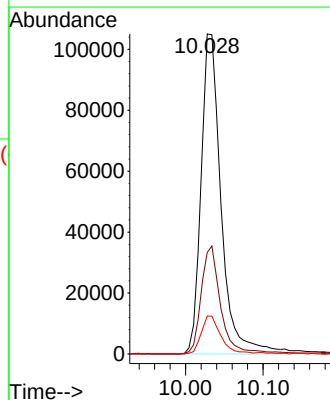
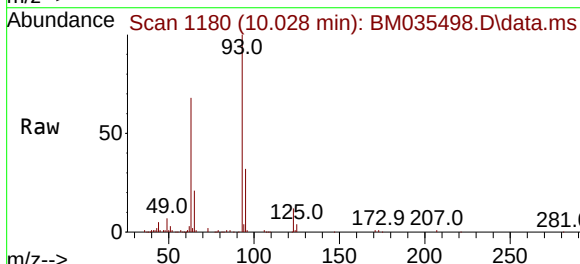
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

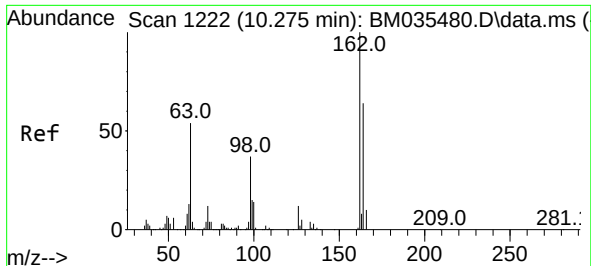
Tgt Ion:107 Resp: 156143
 Ion Ratio Lower Upper
 107 100
 121 50.3 42.7 64.1
 122 86.0 71.5 107.3



#27
 Bis(2-Chloroethoxy)methane
 Concen: 11.885 ng/ul
 RT: 10.028 min Scan# 1180
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Tgt Ion: 93 Resp: 188733
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.1 39.1
 123 11.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 11.527 ng/ul

RT: 10.287 min Scan# 11

Delta R.T. 0.012 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

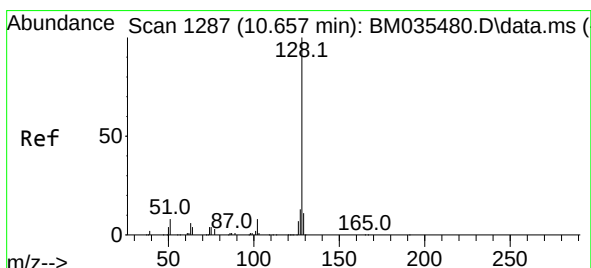
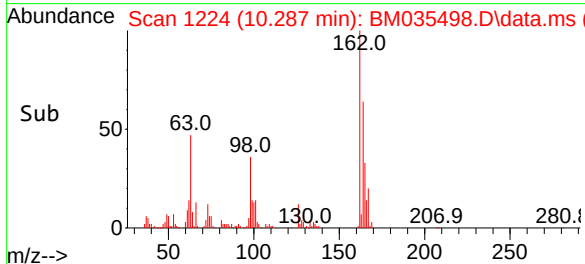
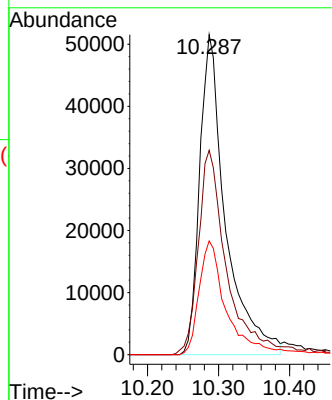
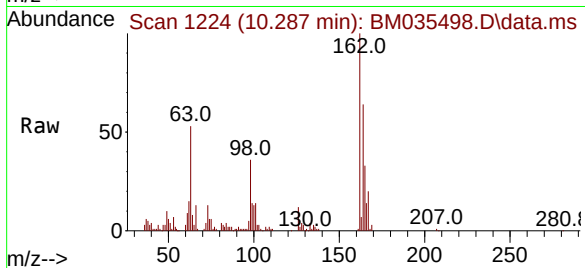
Tgt Ion:162 Resp: 130610

Ion Ratio Lower Upper

162 100

164 63.8 51.8 77.6

98 35.5 29.5 44.3



#30

Naphthalene

Concen: 12.212 ng/ul

RT: 10.657 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

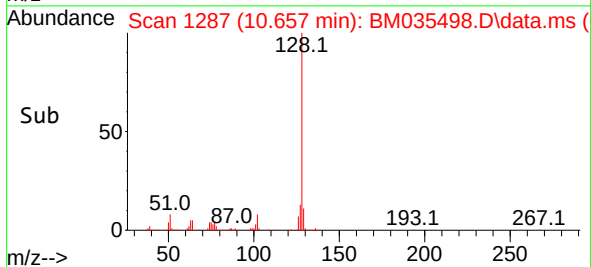
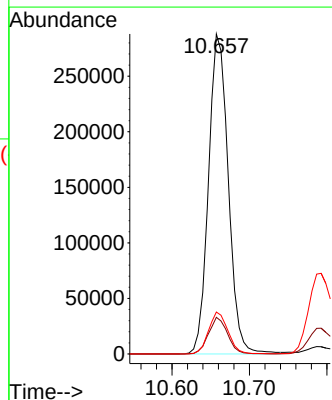
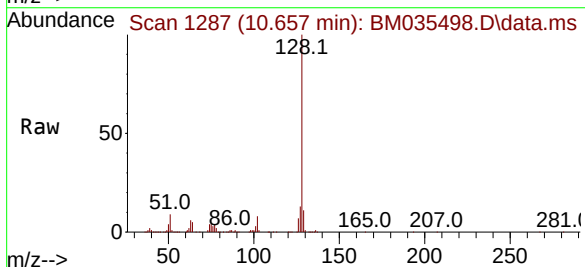
Tgt Ion:128 Resp: 511228

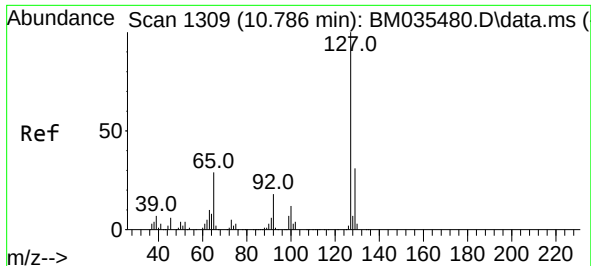
Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

127 13.1 10.6 16.0

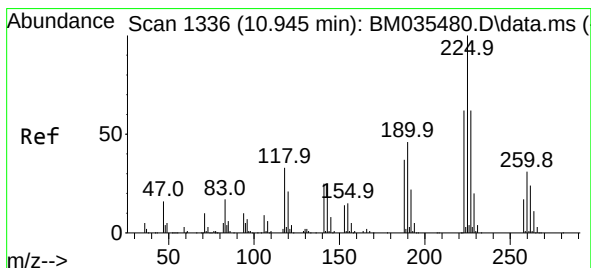
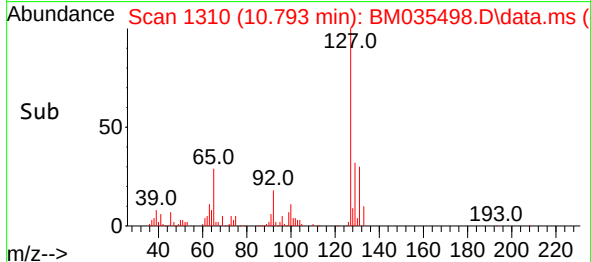
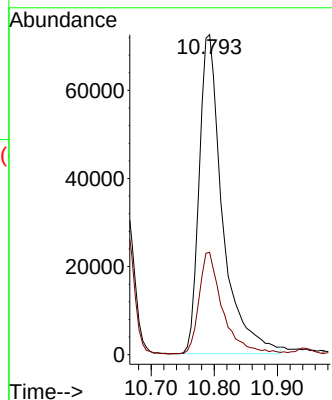
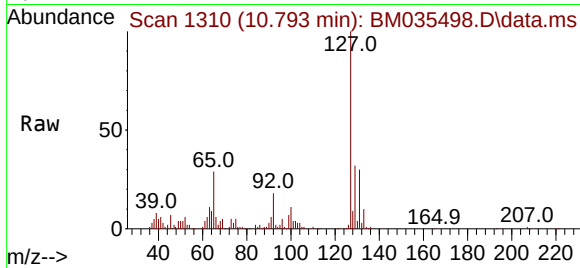




#32
4-Chloroaniline
Concen: 10.626 ng/ul
RT: 10.793 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

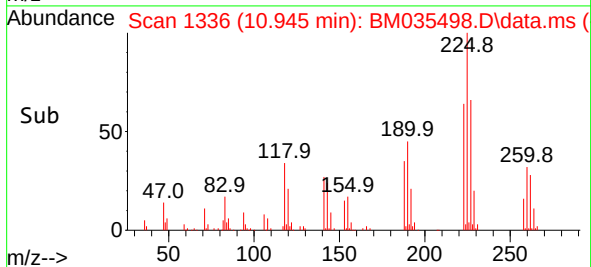
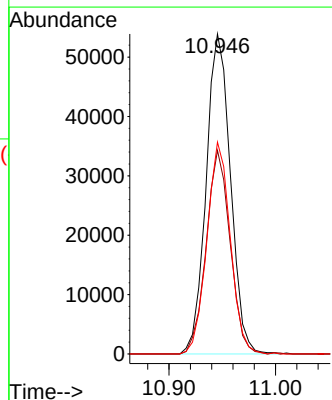
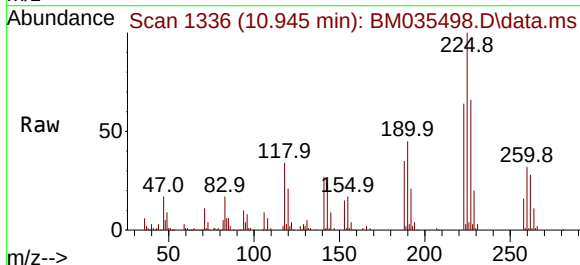
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

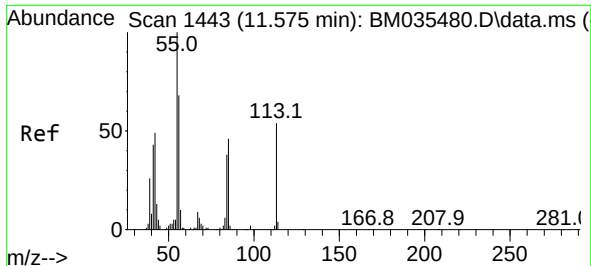
Tgt Ion:127 Resp: 185875
Ion Ratio Lower Upper
127 100
129 32.0 25.3 37.9



#33
Hexachlorobutadiene
Concen: 12.005 ng/ul
RT: 10.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:225 Resp: 85585
Ion Ratio Lower Upper
225 100
223 63.6 50.0 75.0
227 66.2 49.9 74.9

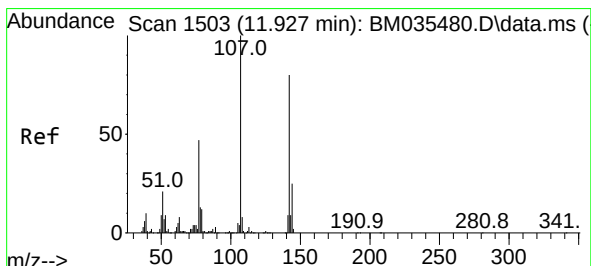
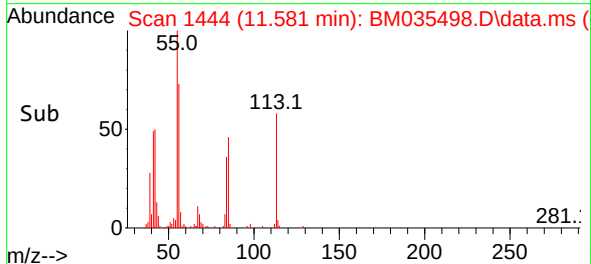
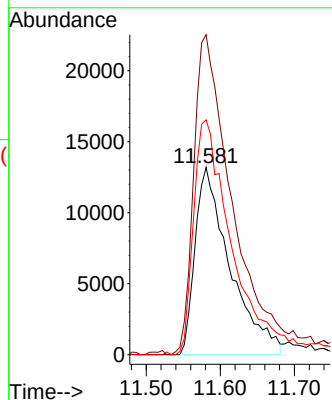
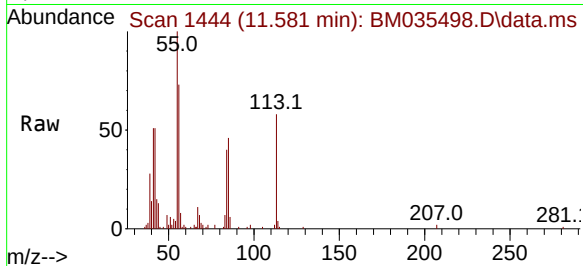




#34
Caprolactam
Concen: 11.347 ng/ul
RT: 11.581 min Scan# 1444
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

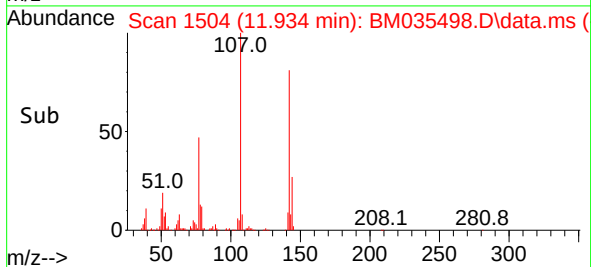
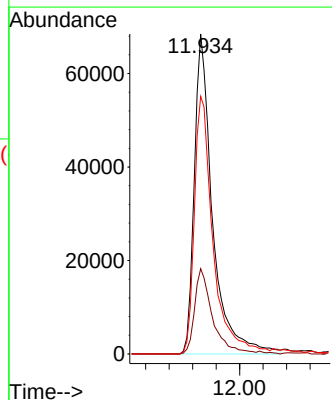
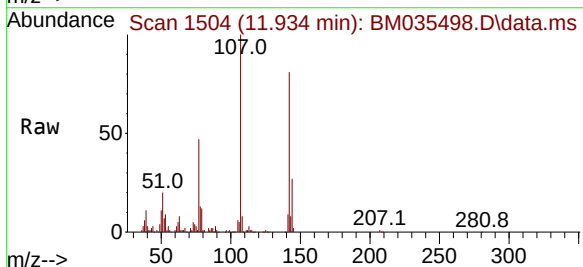
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

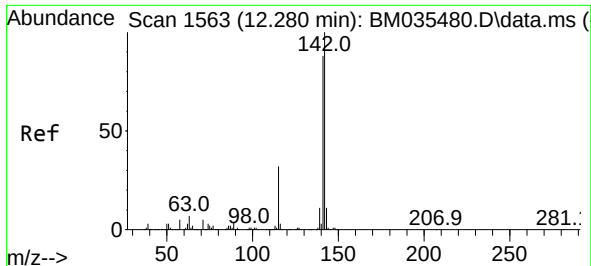
Tgt Ion:113 Resp: 43291
Ion Ratio Lower Upper
113 100
55 171.0 150.2 225.4
56 125.5 102.1 153.1



#35
4-Chloro-3-methylphenol
Concen: 12.431 ng/ul
RT: 11.934 min Scan# 1504
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:107 Resp: 147651
Ion Ratio Lower Upper
107 100
144 26.7 20.3 30.5
142 80.5 64.4 96.6

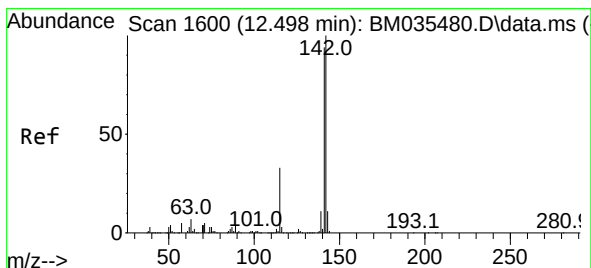
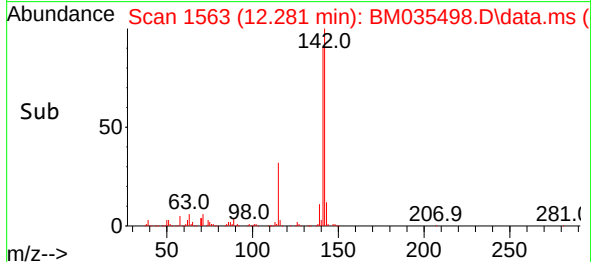
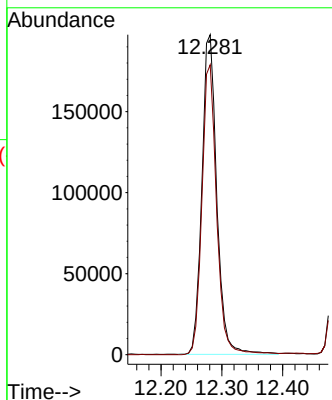
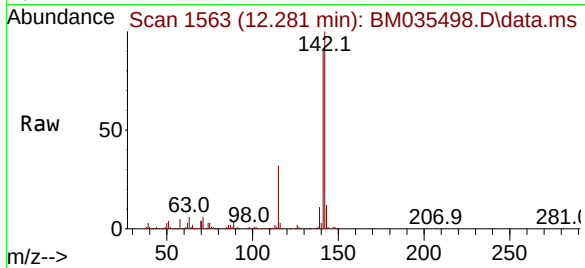




#36
2-Methylnaphthalene
Concen: 12.351 ng/ul
RT: 12.281 min Scan# 1563
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

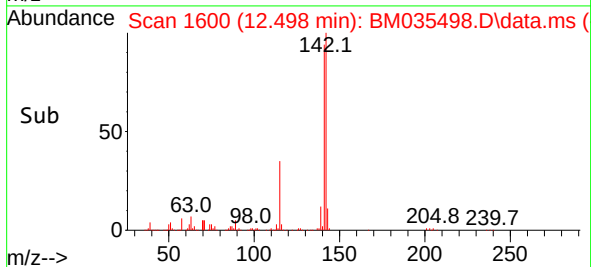
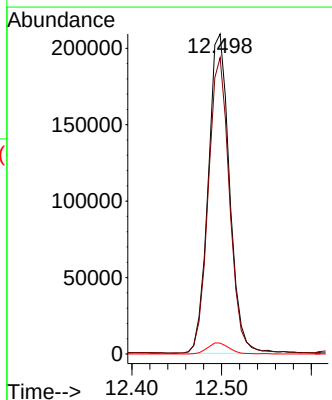
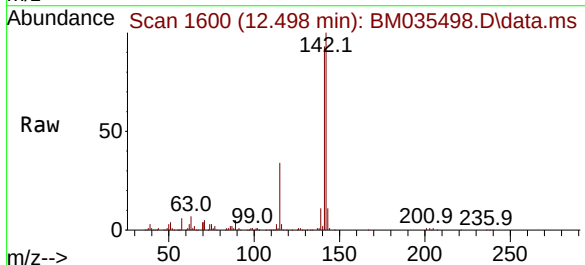
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

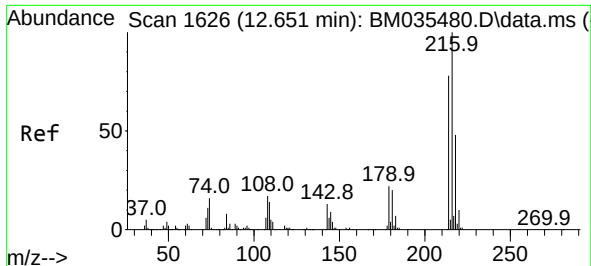
Tgt Ion:142 Resp: 336193
Ion Ratio Lower Upper
142 100
141 90.6 70.7 106.1



#37
1-Methylnaphthalene
Concen: 12.554 ng/ul
RT: 12.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:142 Resp: 345190
Ion Ratio Lower Upper
142 100
141 92.6 75.2 112.8
116 3.4 2.6 3.8

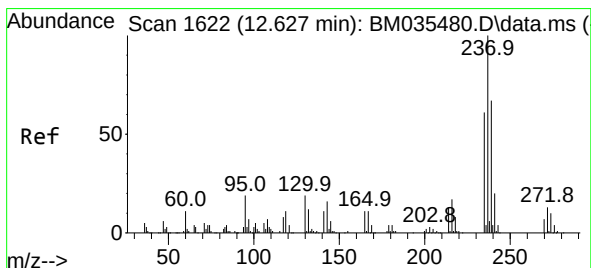
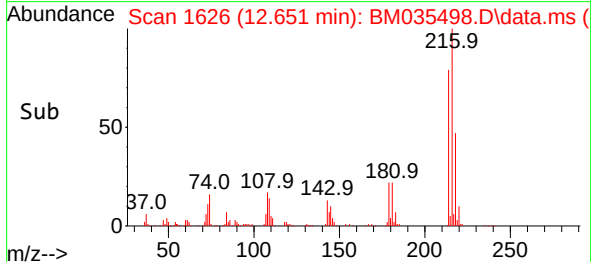
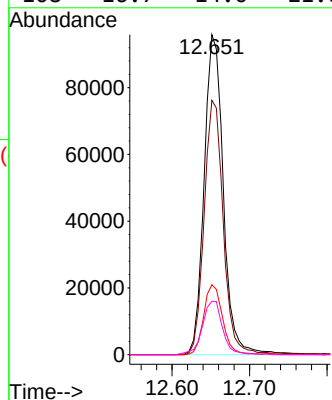
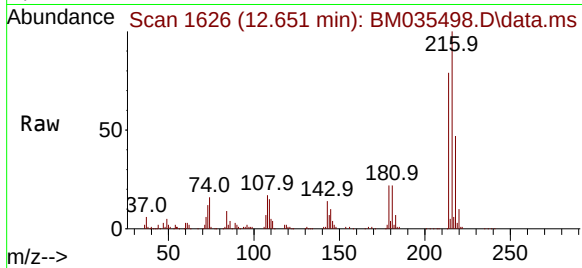




#39
1,2,4,5-Tetrachlorobenzene
Concen: 12.061 ng/ul
RT: 12.651 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

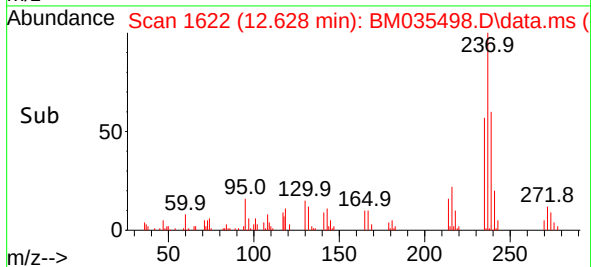
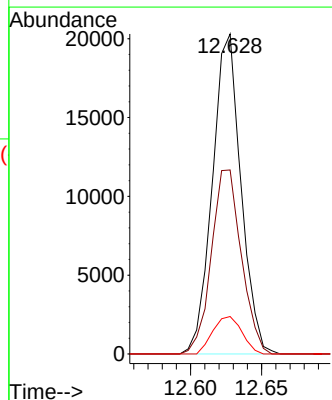
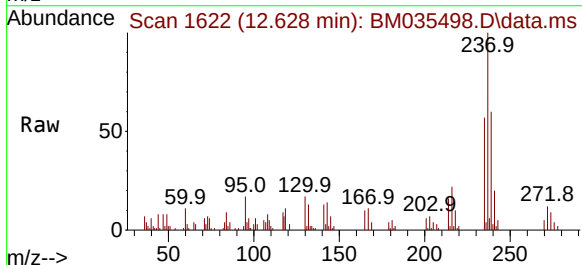
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

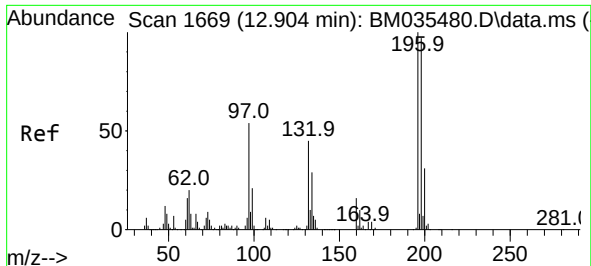
Tgt Ion:	216	Resp:	164834
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.4	93.6
179	21.9	17.3	25.9
108	16.7	14.0	21.0



#40
Hexachlorocyclopentadiene
Concen: 5.649 ng/ul
RT: 12.628 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:	237	Resp:	28390
Ion Ratio	Lower	Upper	
237	100		
235	57.5	48.4	72.6
272	11.7	11.6	17.4

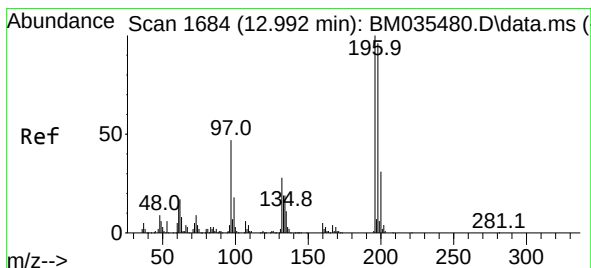
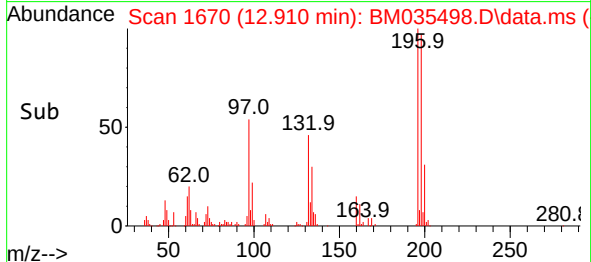
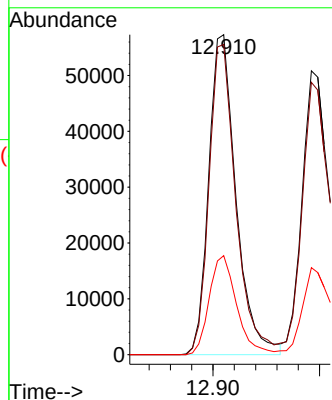
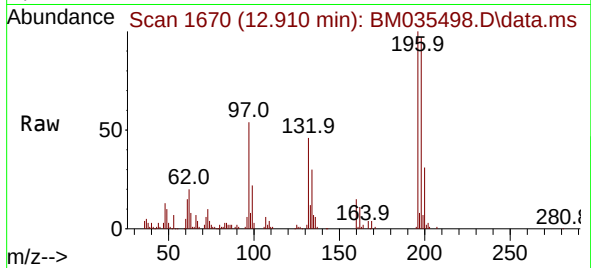




#41
2,4,6-Trichlorophenol
Concen: 11.969 ng/ul
RT: 12.910 min Scan# 1670
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

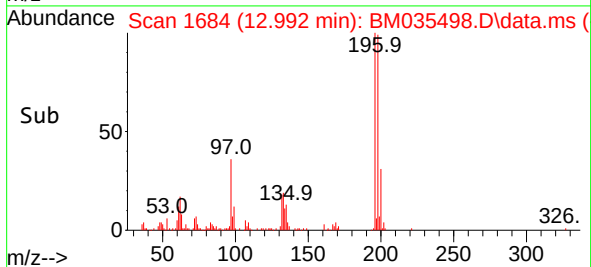
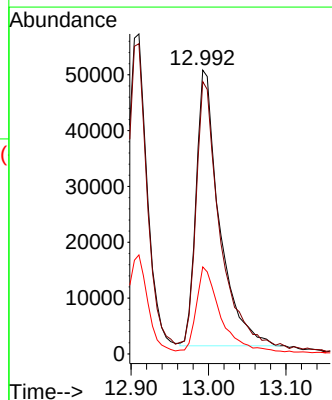
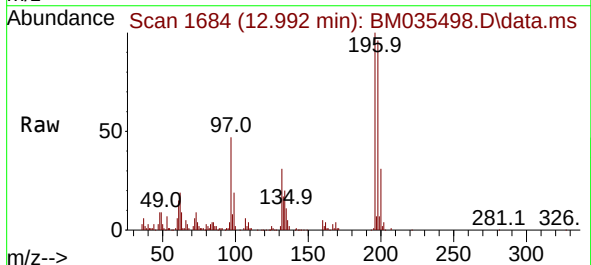
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

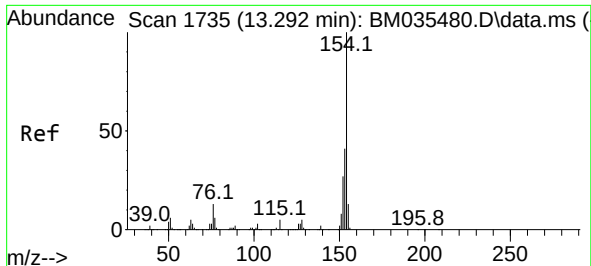
Tgt Ion:196 Resp: 102029
Ion Ratio Lower Upper
196 100
198 97.0 77.8 116.6
200 30.9 25.0 37.6



#42
2,4,5-Trichlorophenol
Concen: 11.671 ng/ul
RT: 12.992 min Scan# 1684
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:196 Resp: 103220
Ion Ratio Lower Upper
196 100
198 96.0 76.8 115.2
200 30.7 24.9 37.3

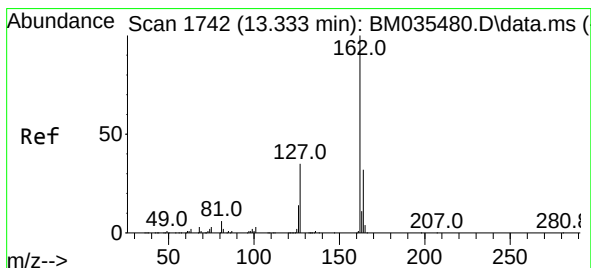
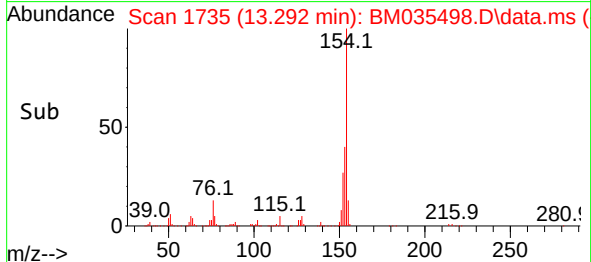
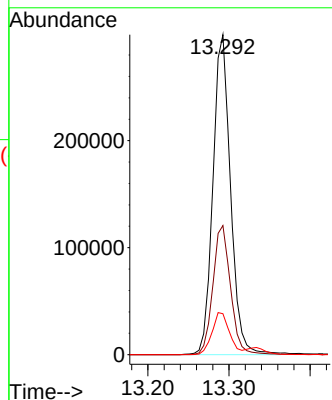
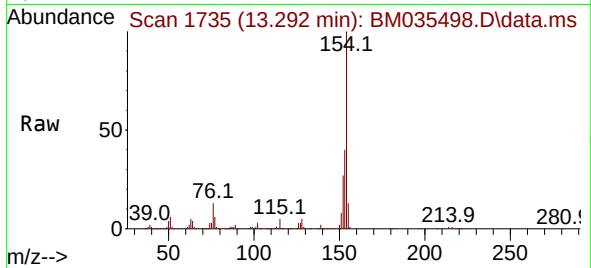




#43
1,1'-Biphenyl
Concen: 12.345 ng/ul
RT: 13.292 min Scan# 1735
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

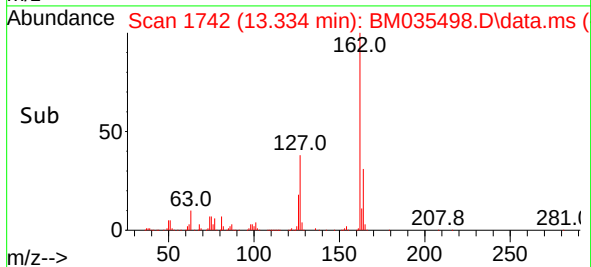
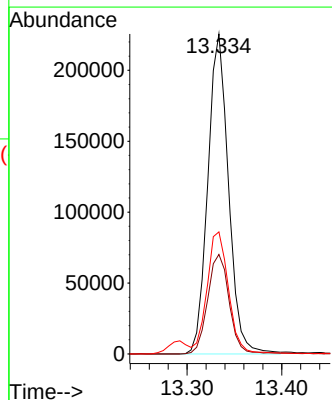
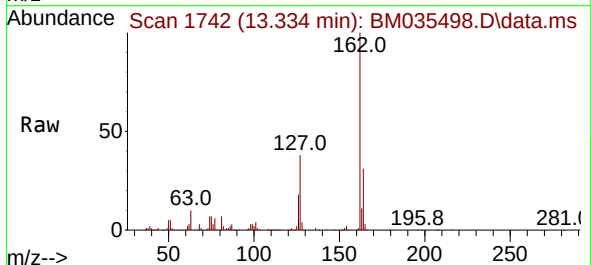
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

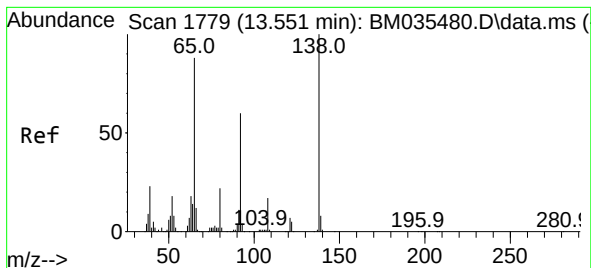
Tgt Ion:154 Resp: 450559
Ion Ratio Lower Upper
154 100
153 40.3 32.4 48.6
76 12.8 10.1 15.1



#44
2-Chloronaphthalene
Concen: 12.266 ng/ul
RT: 13.334 min Scan# 1742
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:162 Resp: 342138
Ion Ratio Lower Upper
162 100
164 31.1 25.4 38.0
127 38.2 31.6 47.4





#45

2-Nitroaniline

Concen: 12.210 ng/ul

RT: 13.557 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

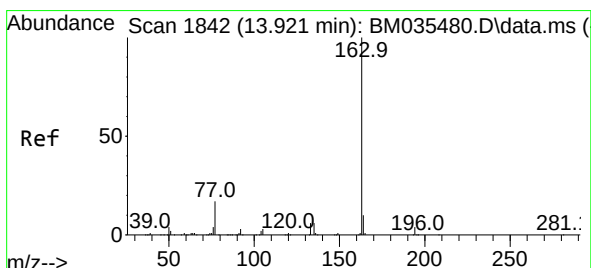
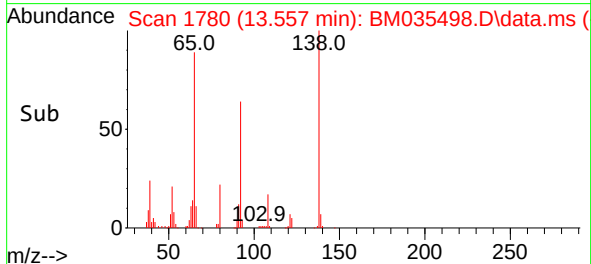
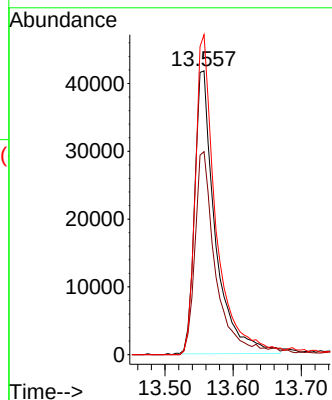
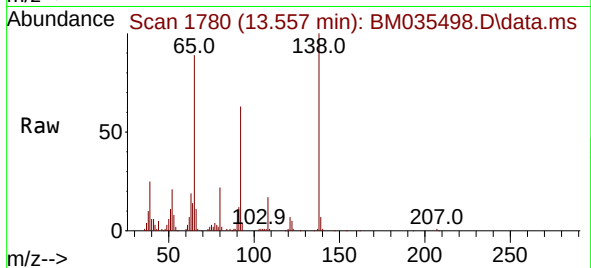
Tgt Ion: 65 Resp: 87803

Ion Ratio Lower Upper

65 100

92 71.5 54.5 81.7

138 112.7 91.2 136.8



#47

Dimethylphthalate

Concen: 13.882 ng/ul

RT: 13.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

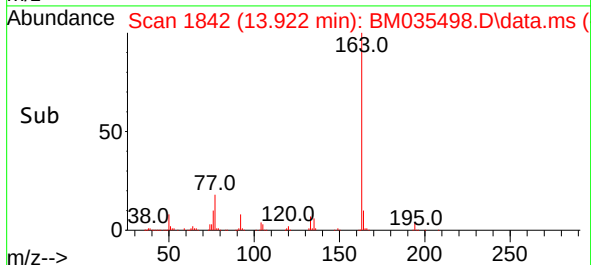
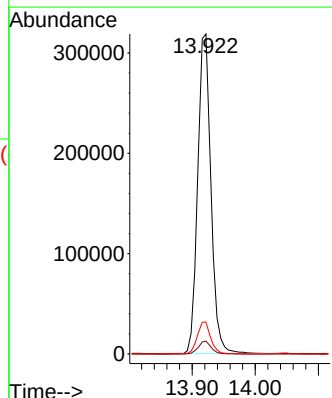
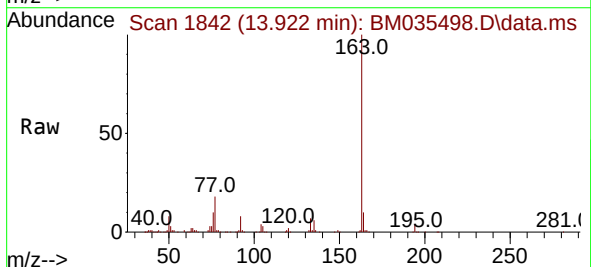
Tgt Ion:163 Resp: 464786

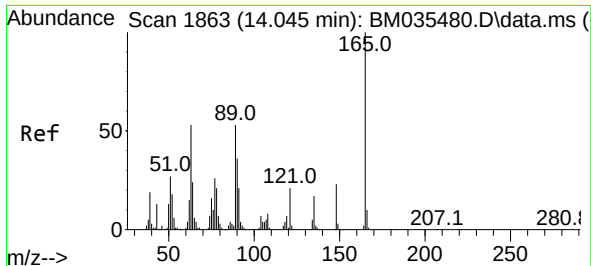
Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

164 10.0 7.9 11.9

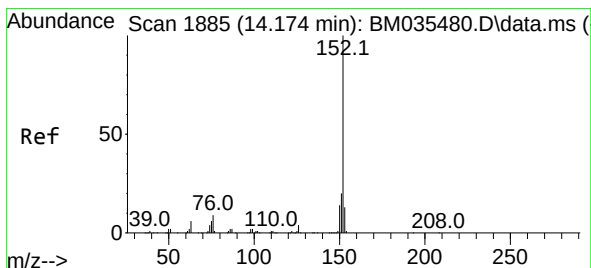
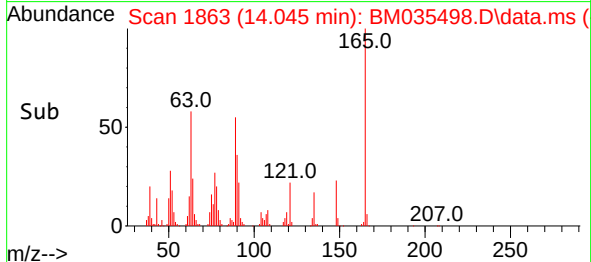
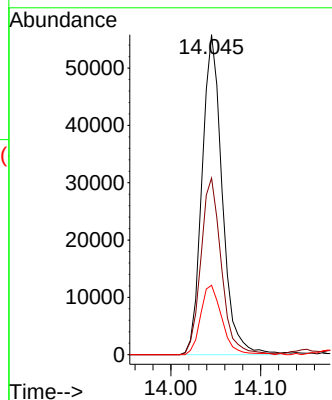
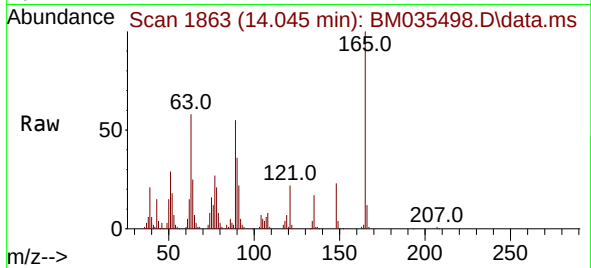




#48
 2,6-Dinitrotoluene
 Concen: 13.211 ng/ul
 RT: 14.045 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

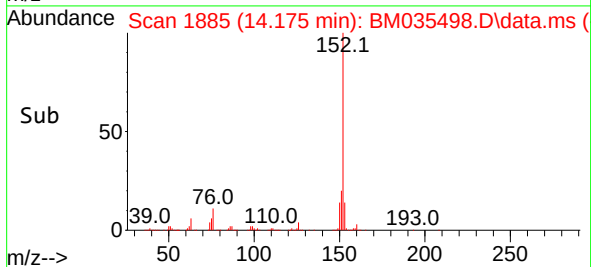
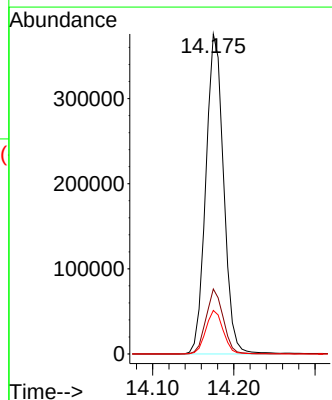
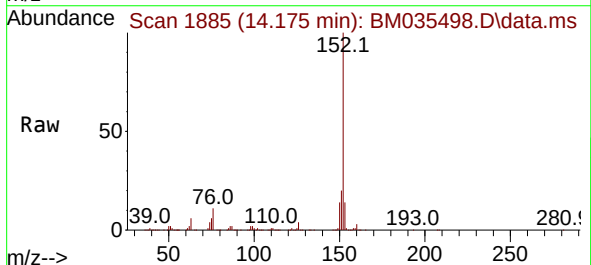
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

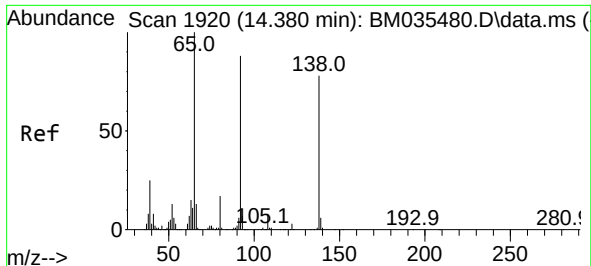
Tgt Ion:165 Resp: 87446
 Ion Ratio Lower Upper
 165 100
 89 55.2 42.5 63.7
 121 21.7 17.2 25.8



#50
 Acenaphthylene
 Concen: 12.571 ng/ul
 RT: 14.175 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Tgt Ion:152 Resp: 570571
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.1 24.1
 153 13.6 10.6 15.8

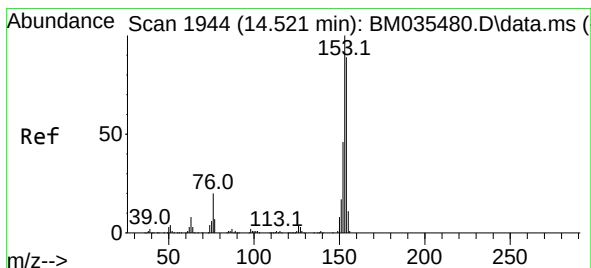
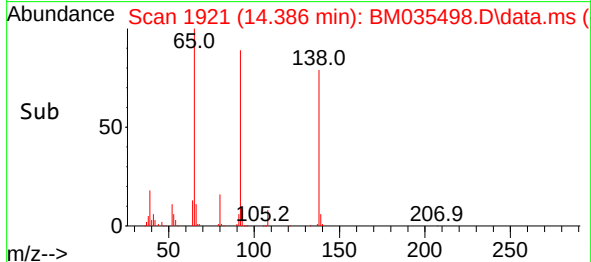
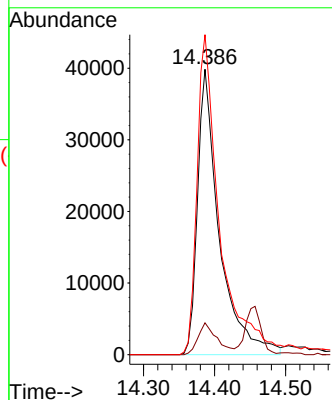
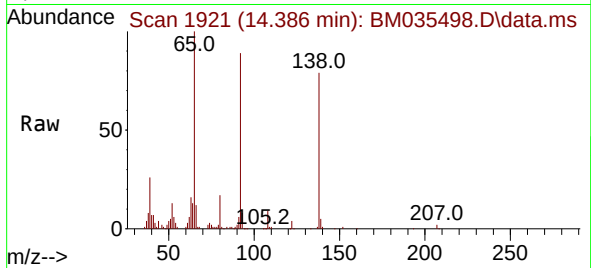




#51
3-Nitroaniline
Concen: 12.531 ng/ul
RT: 14.386 min Scan# 1920
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

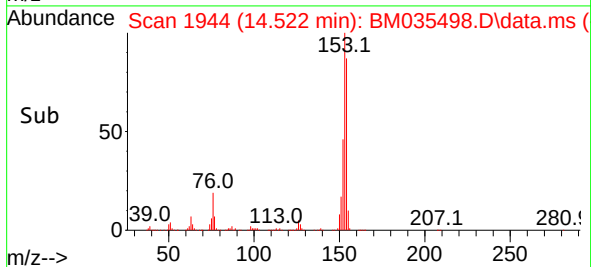
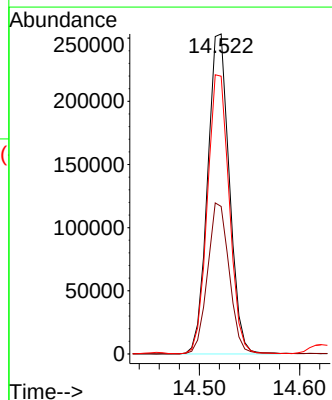
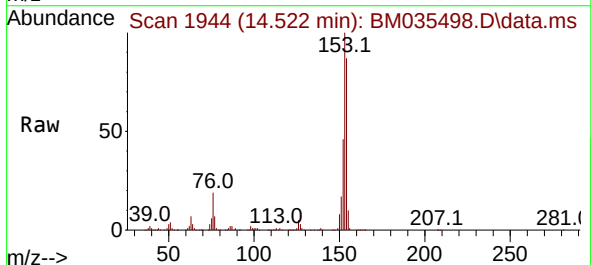
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

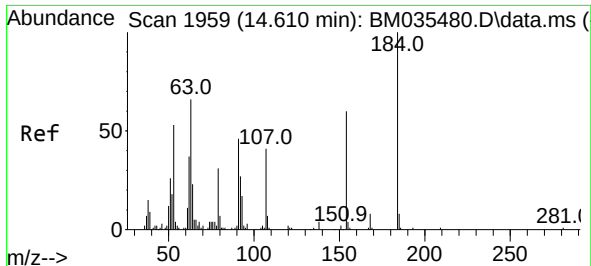
Tgt Ion:138 Resp: 84986
Ion Ratio Lower Upper
138 100
108 11.2 8.1 12.1
92 112.1 90.4 135.6



#52
Acenaphthene
Concen: 12.719 ng/ul
RT: 14.522 min Scan# 1944
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:153 Resp: 382935
Ion Ratio Lower Upper
153 100
152 46.1 37.1 55.7
154 86.8 71.3 106.9

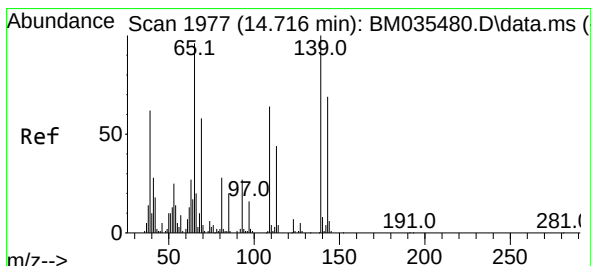
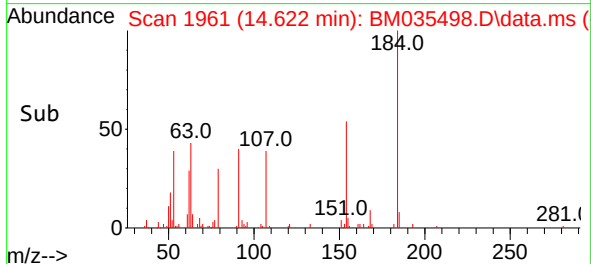
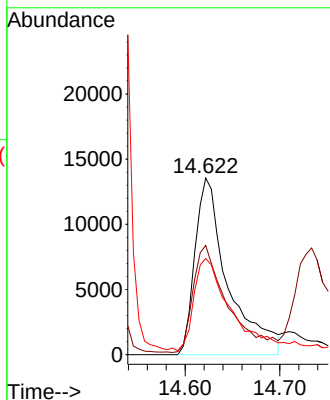
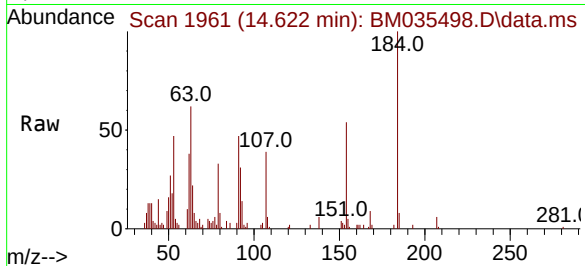




#53
2,4-Dinitrophenol
Concen: 9.004 ng/ul
RT: 14.622 min Scan# 1961
Delta R.T. 0.012 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

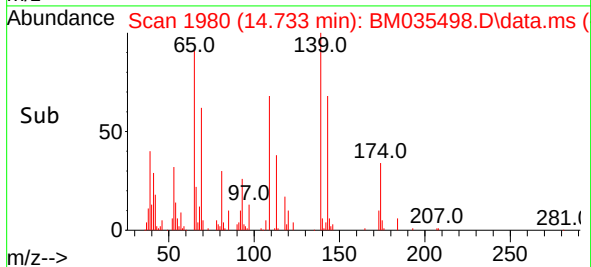
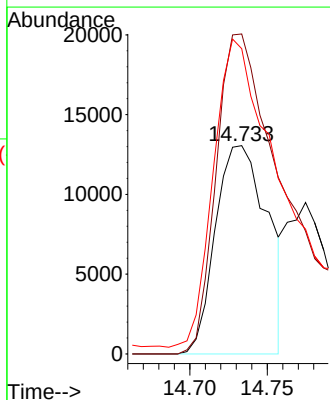
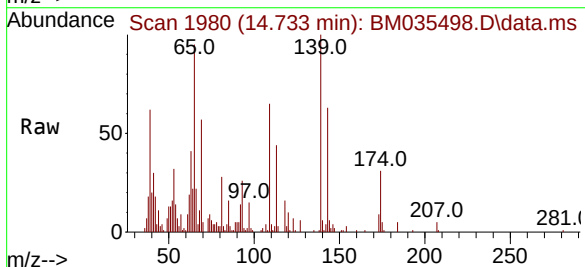
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

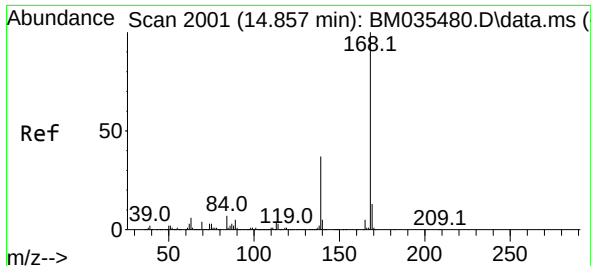
Tgt Ion:184 Resp: 32844
Ion Ratio Lower Upper
184 100
63 61.8 54.2 81.4
154 54.4 49.3 73.9



#55
4-Nitrophenol
Concen: 9.193 ng/ul
RT: 14.733 min Scan# 1980
Delta R.T. 0.018 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:109 Resp: 30469
Ion Ratio Lower Upper
109 100
139 153.6 124.9 187.3
65 146.6 122.2 183.4

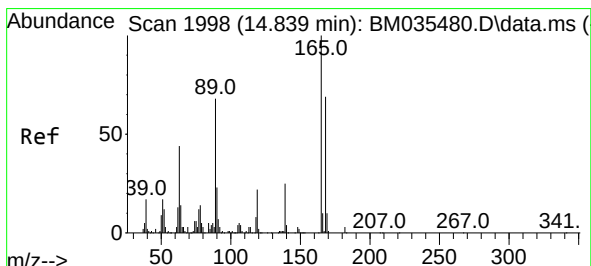
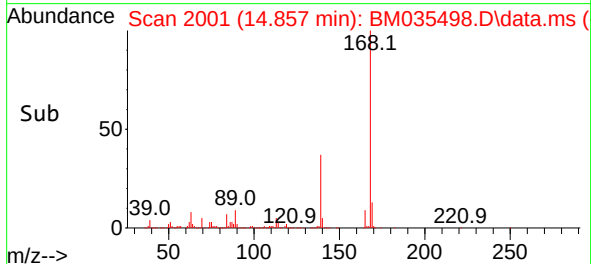
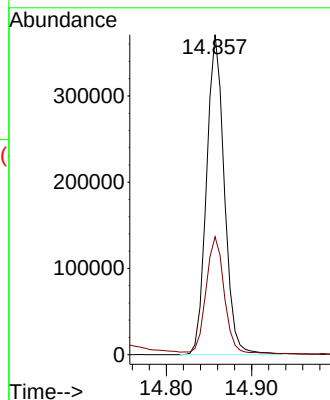
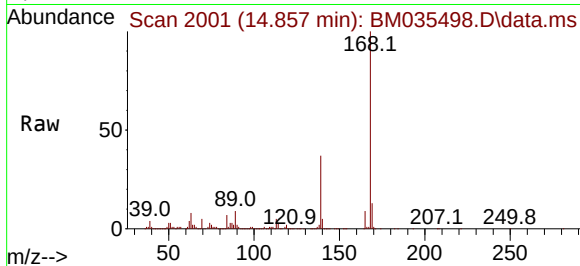




#56
Dibenzofuran
Concen: 13.057 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

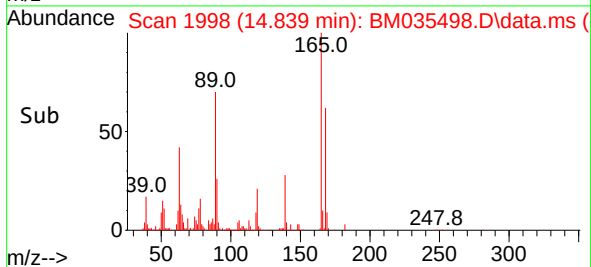
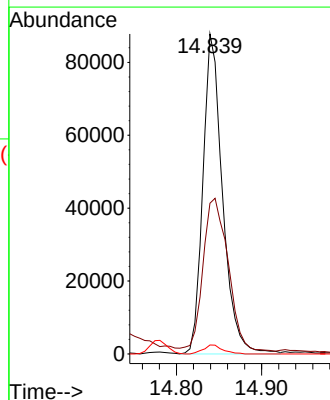
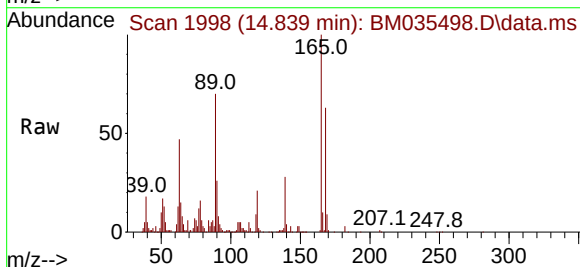
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

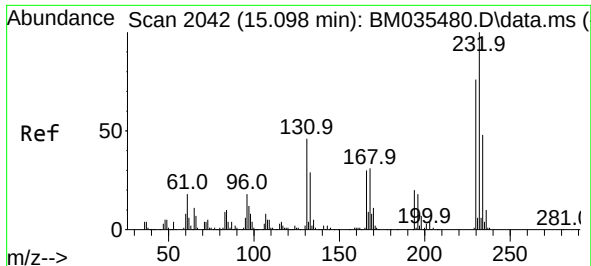
Tgt Ion:168 Resp: 538034
Ion Ratio Lower Upper
168 100
139 36.8 30.1 45.1



#57
2,4-Dinitrotoluene
Concen: 14.657 ng/ul
RT: 14.839 min Scan# 1998
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:165 Resp: 140873
Ion Ratio Lower Upper
165 100
63 47.1 35.9 53.9
182 2.8 2.5 3.7

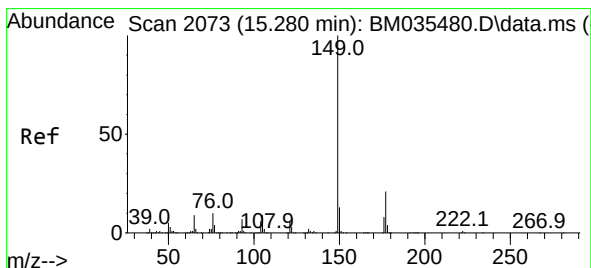
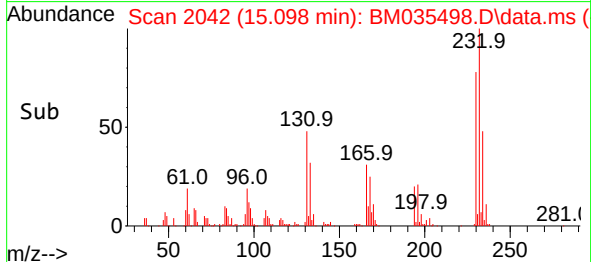
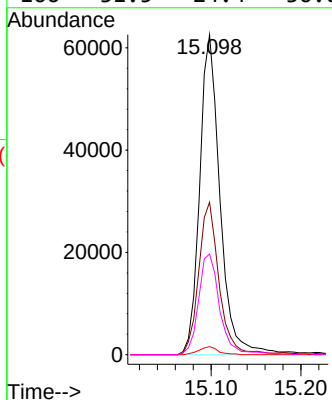
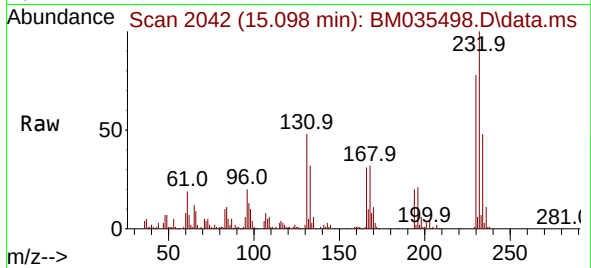




#58
2,3,4,6-Tetrachlorophenol
Concen: 13.442 ng/ul
RT: 15.098 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

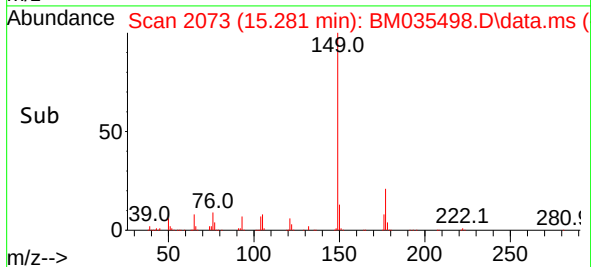
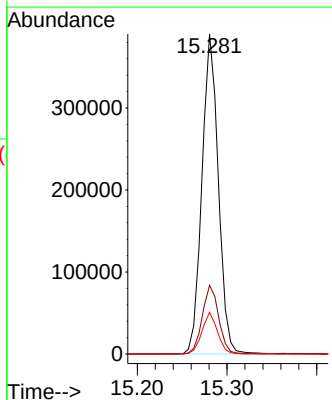
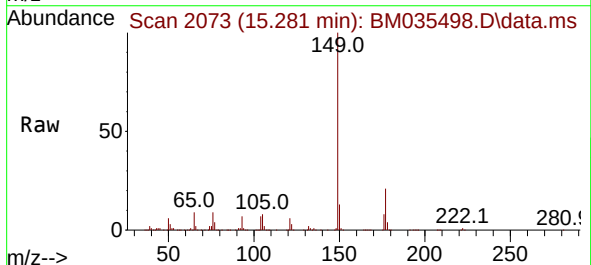
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

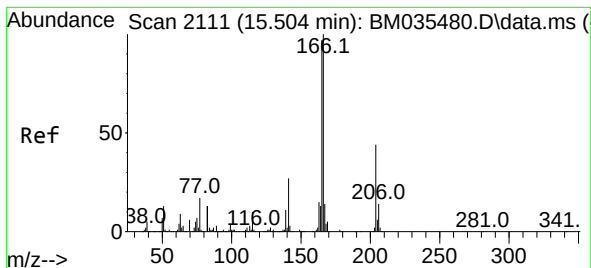
Tgt Ion:232	Resp:	98189
Ion Ratio	Lower	Upper
232	100	
131	47.6	36.7 55.1
130	2.5	1.7 2.5
166	31.5	24.4 36.6



#59
Diethylphthalate
Concen: 14.583 ng/ul
RT: 15.281 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:149	Resp:	494734
Ion Ratio	Lower	Upper
149	100	
177	21.5	16.8 25.2
150	13.0	10.2 15.4





#61

Fluorene

Concen: 13.651 ng/ul

RT: 15.504 min Scan# 2111

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

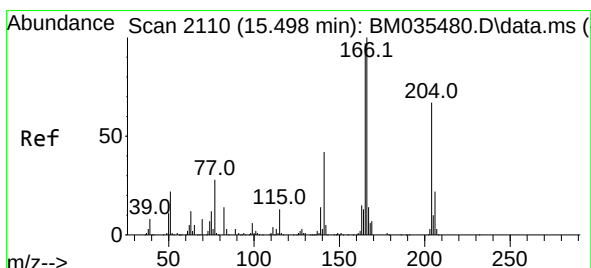
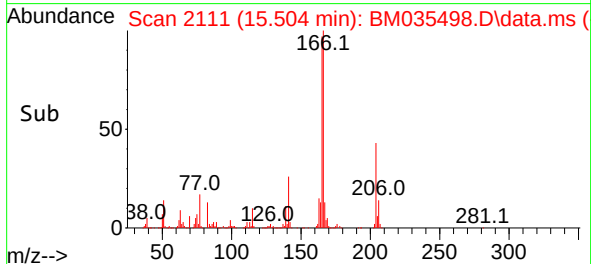
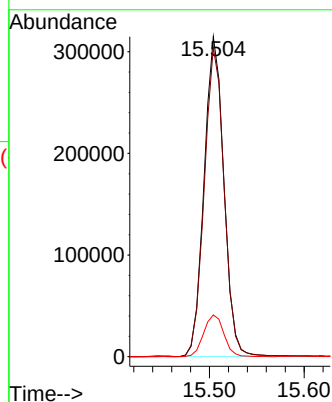
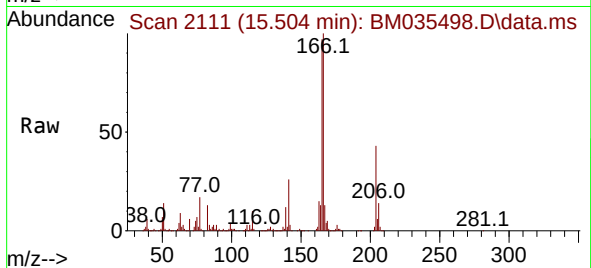
Tgt Ion:166 Resp: 456816

Ion Ratio Lower Upper

166 100

165 96.6 77.2 115.8

167 13.0 11.0 16.4



#62

4-Chlorophenyl-phenylether

Concen: 13.740 ng/ul

RT: 15.498 min Scan# 2110

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

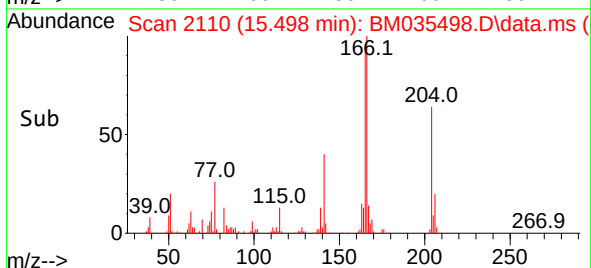
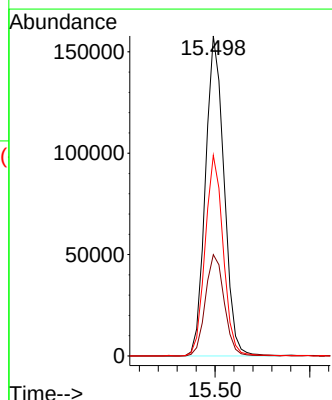
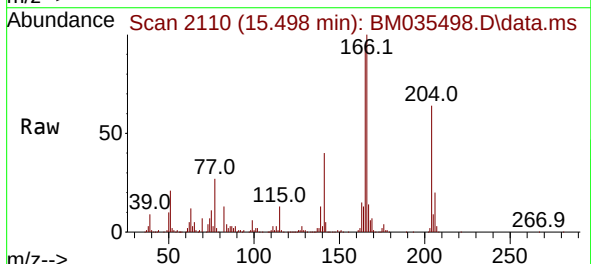
Tgt Ion:204 Resp: 215807

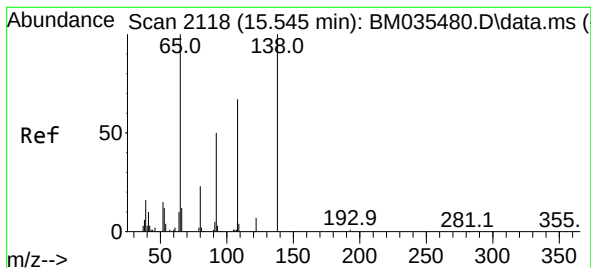
Ion Ratio Lower Upper

204 100

206 31.6 25.9 38.9

141 62.7 50.6 75.8

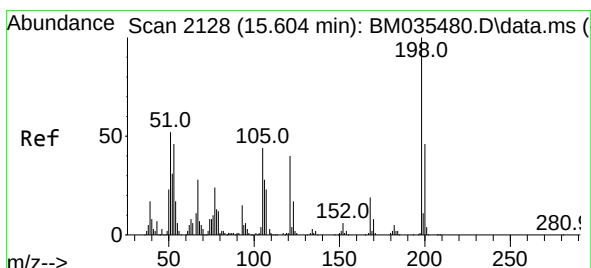
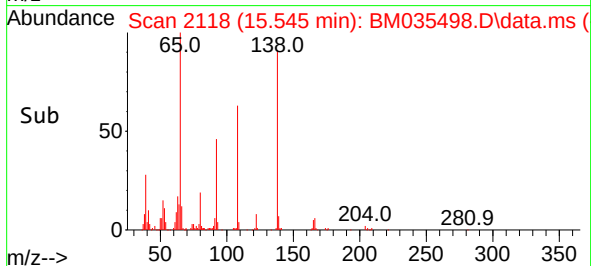
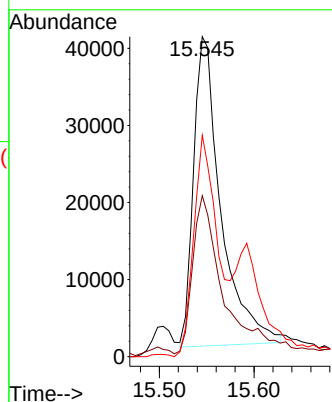
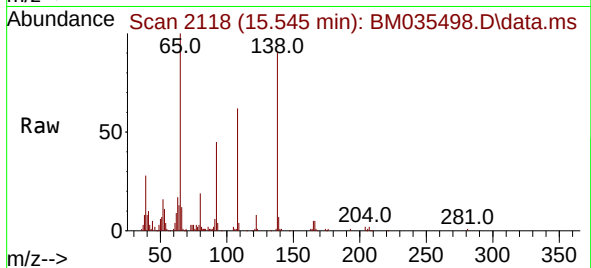




#63
4-Nitroaniline
Concen: 13.335 ng/ul
RT: 15.545 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

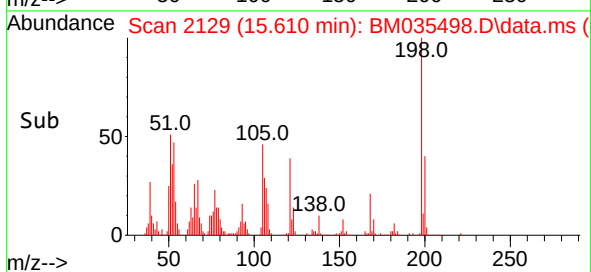
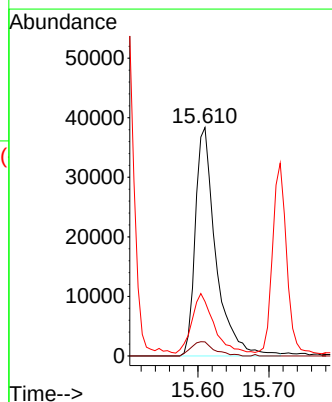
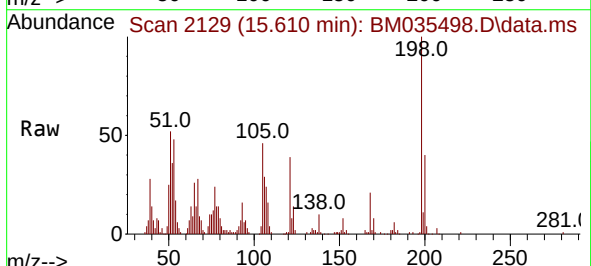
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

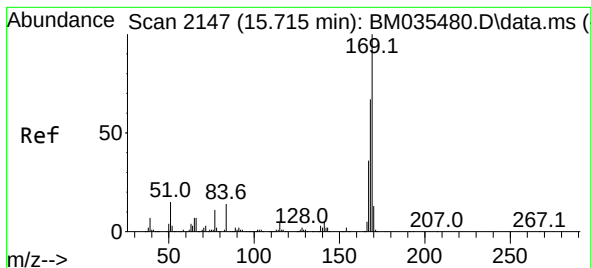
Tgt Ion:138 Resp: 80789
Ion Ratio Lower Upper
138 100
92 50.3 39.2 58.8
108 69.2 51.6 77.4



#66
4,6-Dinitro-2-methylphenol
Concen: 13.710 ng/ul
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:198 Resp: 77157
Ion Ratio Lower Upper
198 100
182 6.2 4.2 6.4
77 23.8 19.9 29.9





#67

N-Nitrosodiphenylamine

Concen: 14.756 ng/ul

RT: 15.716 min Scan# 2147

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

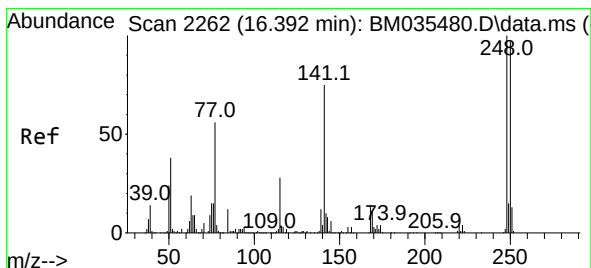
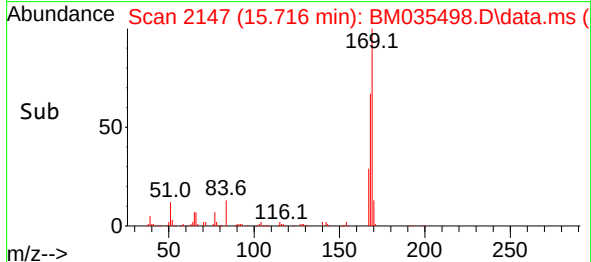
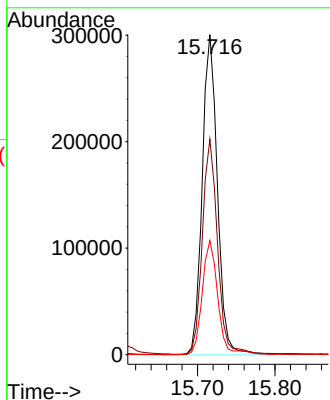
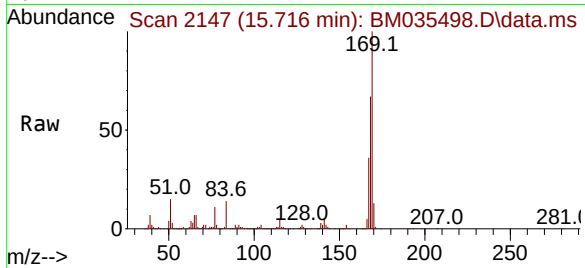
Tgt Ion:169 Resp: 409709

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

167 35.7 28.7 43.1



#68

4-Bromophenyl-phenylether

Concen: 14.227 ng/ul

RT: 16.392 min Scan# 2262

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

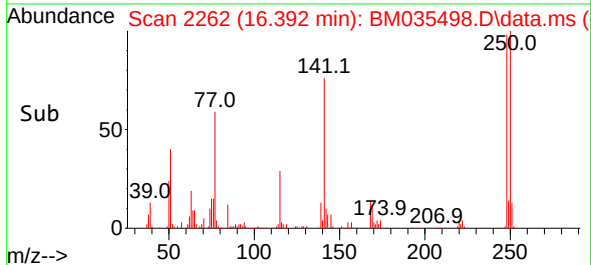
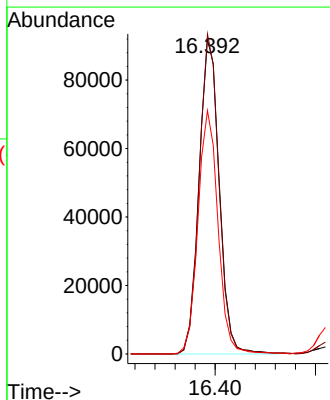
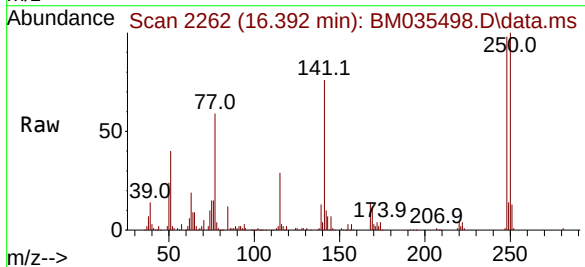
Tgt Ion:248 Resp: 129423

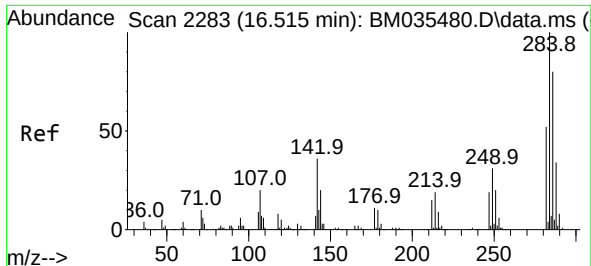
Ion Ratio Lower Upper

248 100

250 101.7 77.3 115.9

141 77.3 59.8 89.8

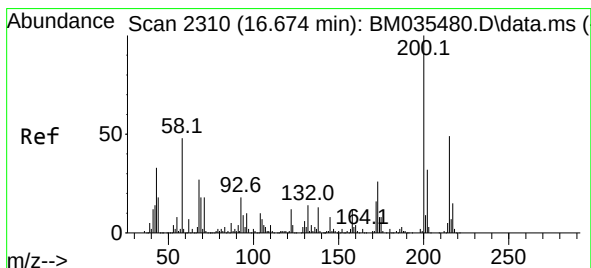
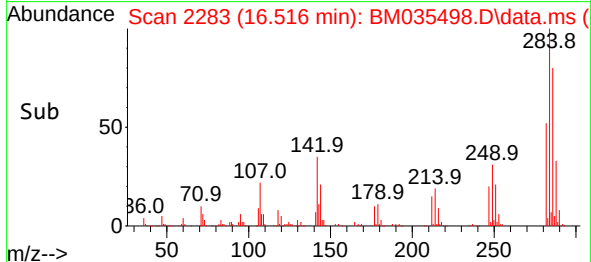
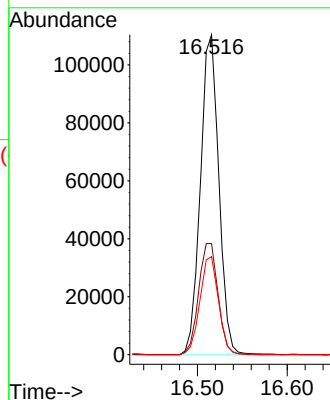
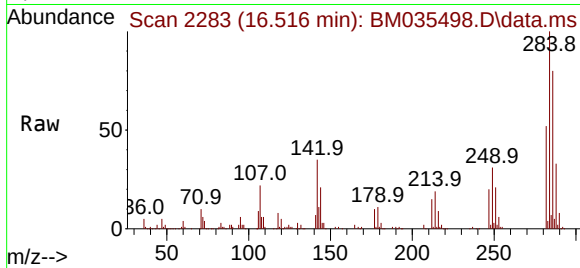




#69
Hexachlorobenzene
Concen: 14.961 ng/ul
RT: 16.516 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

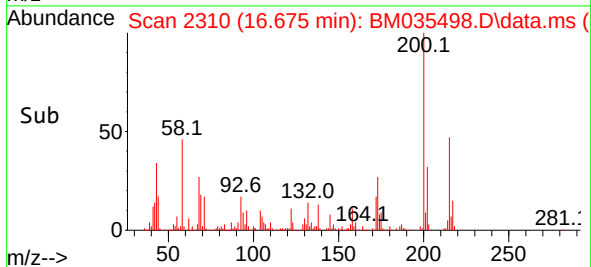
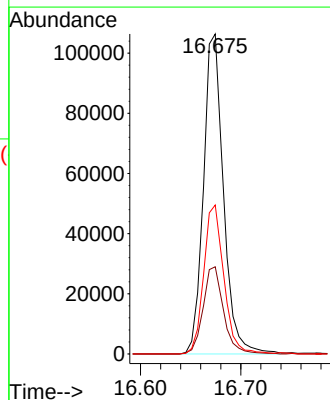
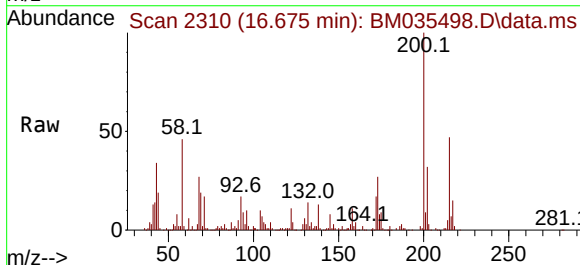
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

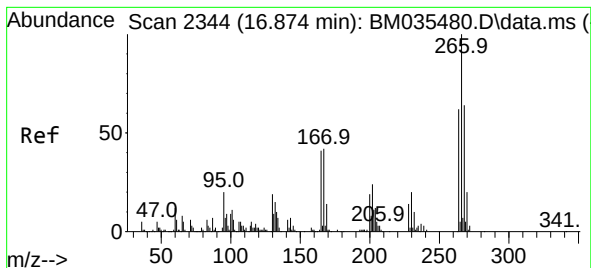
Tgt Ion:284 Resp: 157457
Ion Ratio Lower Upper
284 100
142 34.7 28.6 42.8
249 30.6 24.6 37.0



#70
Atrazine
Concen: 15.085 ng/ul
RT: 16.675 min Scan# 2310
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:200 Resp: 147891
Ion Ratio Lower Upper
200 100
173 27.3 21.3 31.9
215 46.6 39.0 58.6





#71

Pentachlorophenol

Concen: 10.006 ng/ul

RT: 16.875 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

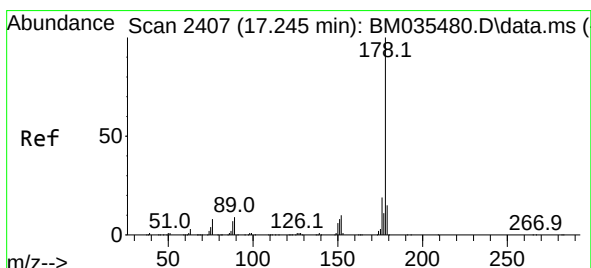
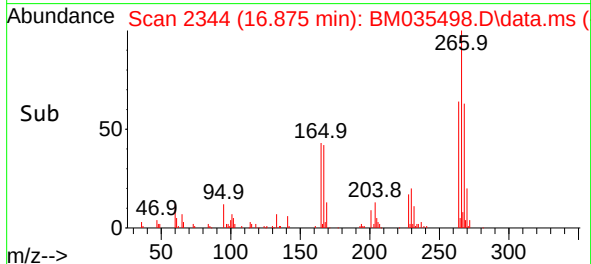
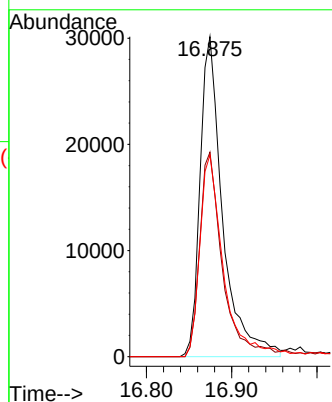
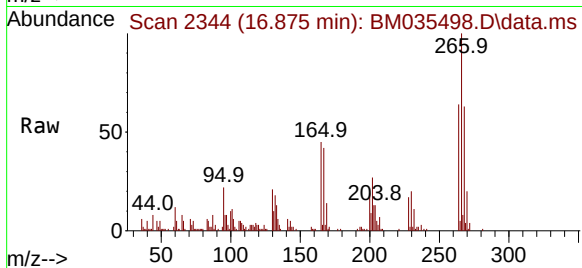
Tgt Ion:266 Resp: 55519

Ion Ratio Lower Upper

266 100

264 63.9 49.5 74.3

268 63.1 51.0 76.4



#72

Phenanthrene

Concen: 15.046 ng/ul

RT: 17.245 min Scan# 2407

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

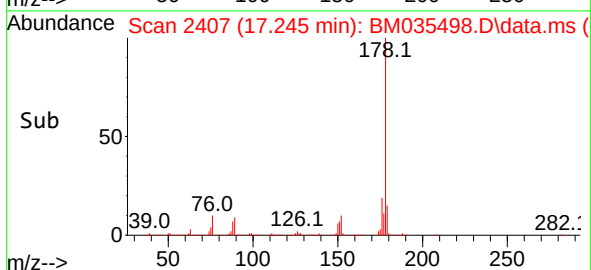
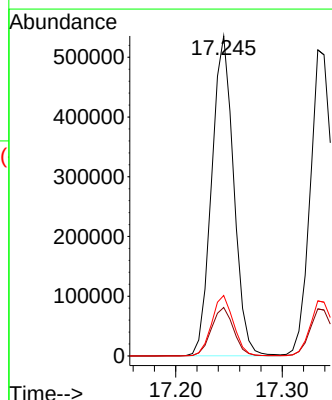
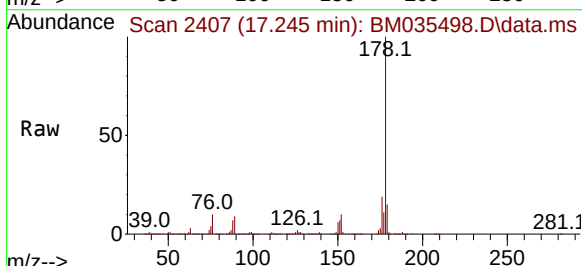
Tgt Ion:178 Resp: 768484

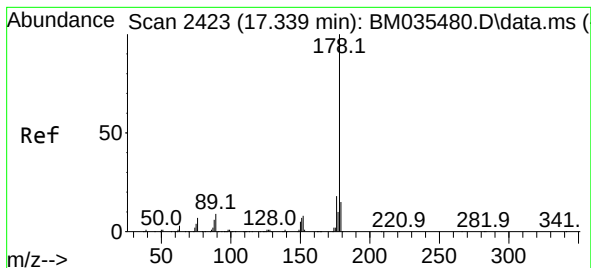
Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.2

176 18.9 14.9 22.3





#74

Anthracene

Concen: 15.035 ng/uI

RT: 17.333 min Scan# 2423

Delta R.T. -0.006 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

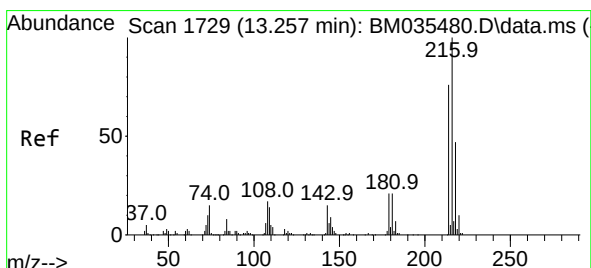
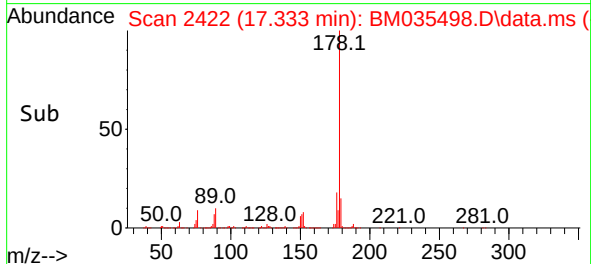
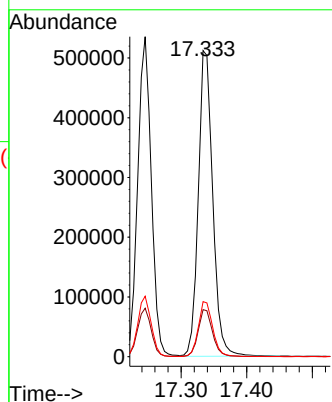
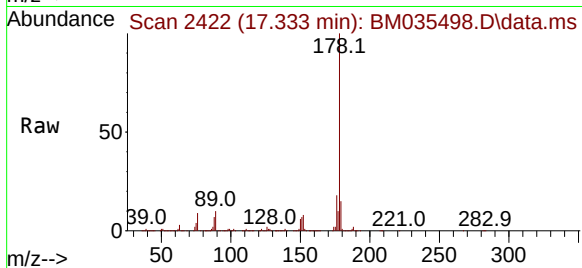
Tgt Ion:178 Resp: 785757

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.2

176 18.0 14.4 21.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 11.980 ng/uI

RT: 13.257 min Scan# 1729

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

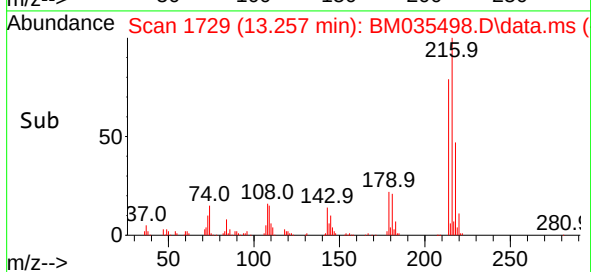
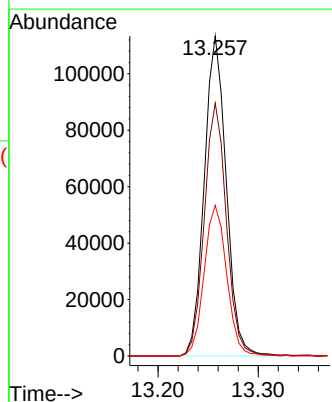
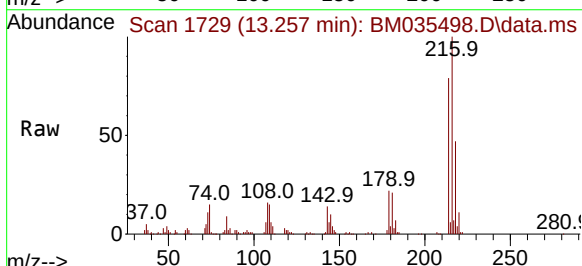
Tgt Ion:216 Resp: 173470

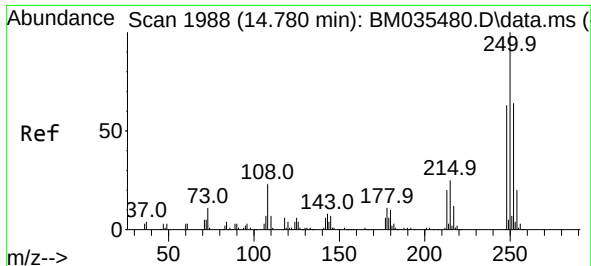
Ion Ratio Lower Upper

216 100

214 79.0 60.9 91.3

218 47.0 37.5 56.3

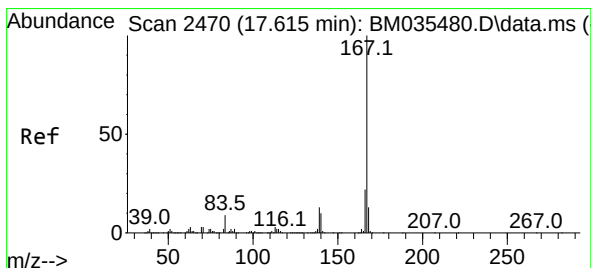
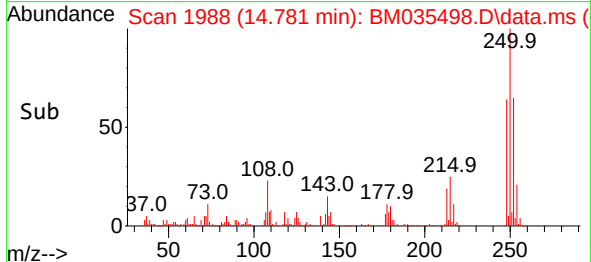
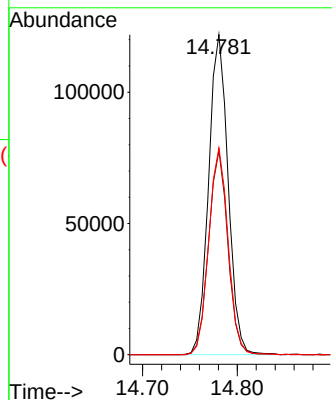
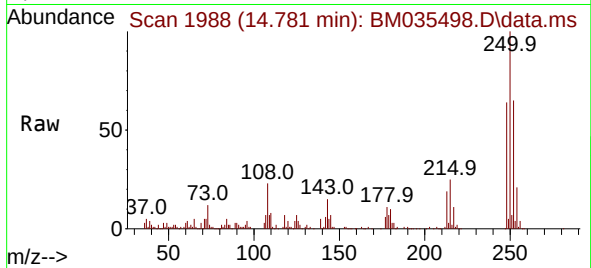




#76
 Pentachlorobenzene
 Concen: 13.540 ng/uL
 RT: 14.781 min Scan# 1988
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

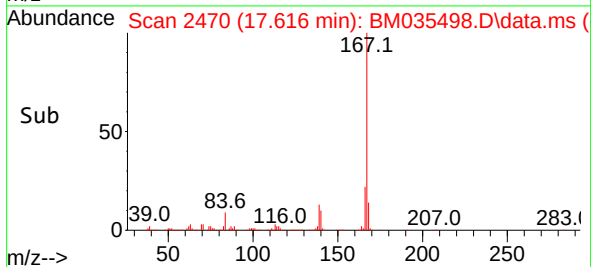
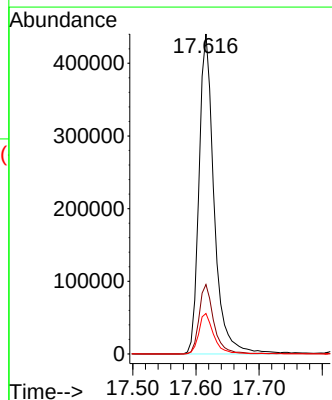
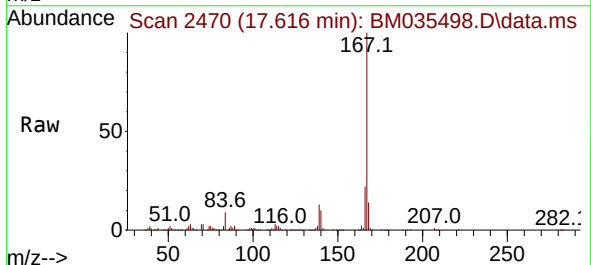
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

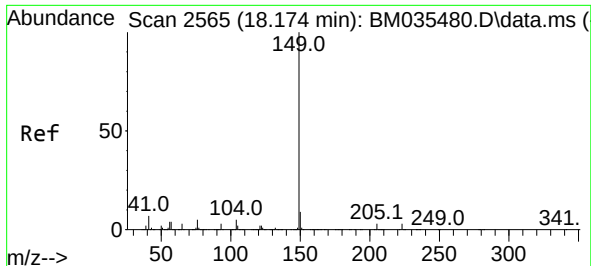
Tgt Ion:250 Resp: 174316
 Ion Ratio Lower Upper
 250 100
 248 63.6 50.4 75.6
 252 64.7 51.1 76.7



#77
 Carbazole
 Concen: 15.503 ng/uL
 RT: 17.616 min Scan# 2470
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Tgt Ion:167 Resp: 731222
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.6 10.1 15.1

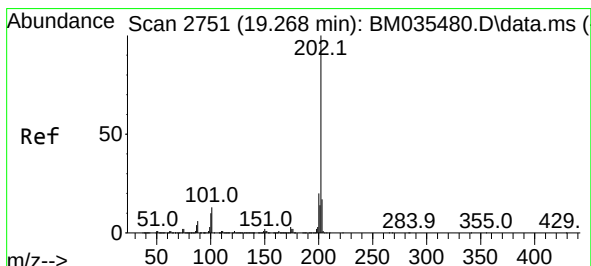
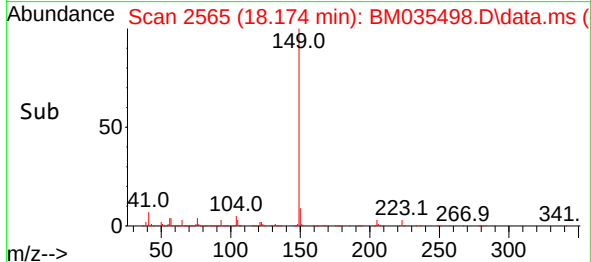
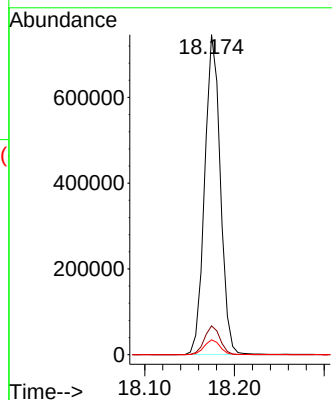
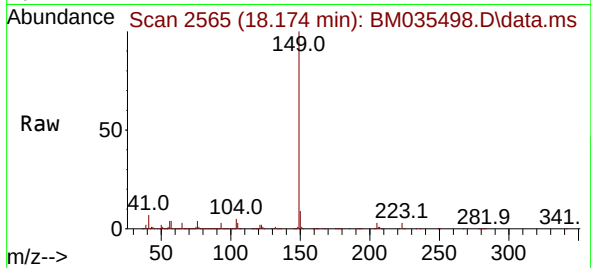




#78
Di-n-butylphthalate
Concen: 13.829 ng/ul
RT: 18.174 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

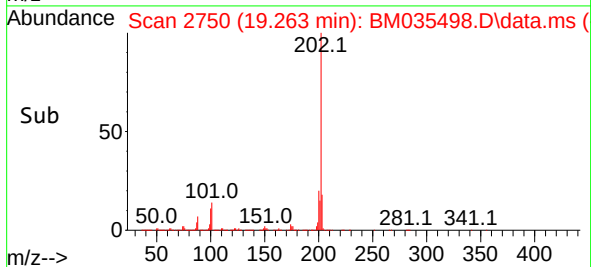
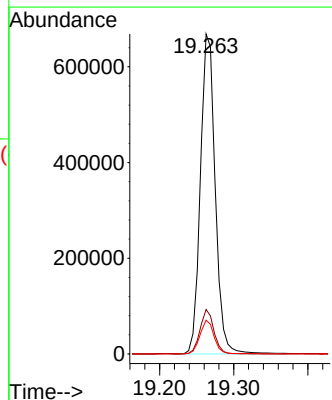
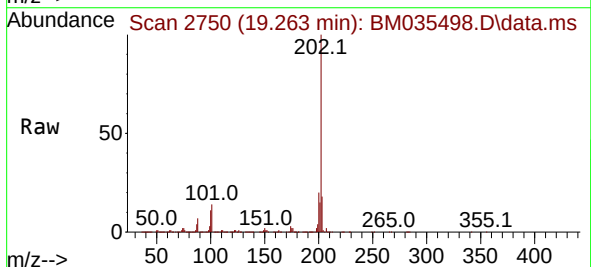
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

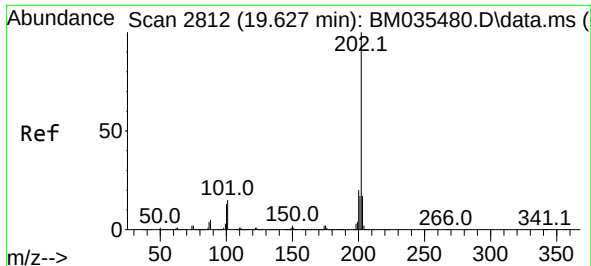
Tgt Ion:149 Resp: 903628
Ion Ratio Lower Upper
149 100
150 9.0 7.3 10.9
104 4.7 3.7 5.5



#80
Fluoranthene
Concen: 15.842 ng/ul
RT: 19.263 min Scan# 2750
Delta R.T. -0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:202 Resp: 928810
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 10.6 7.8 11.6

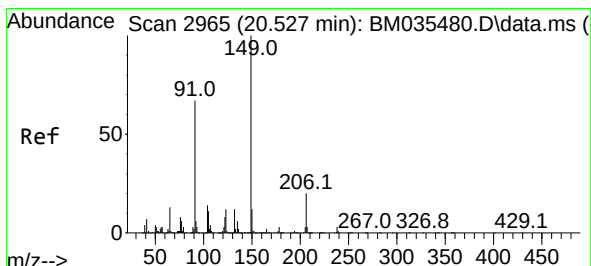
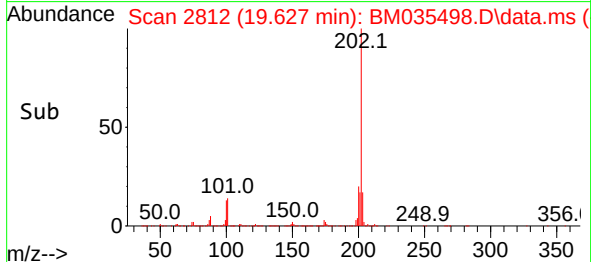
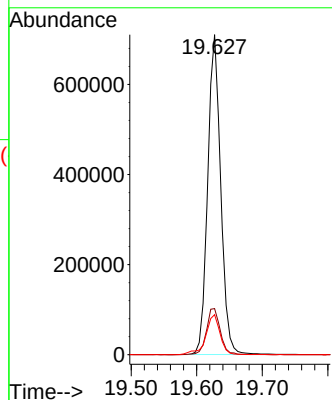
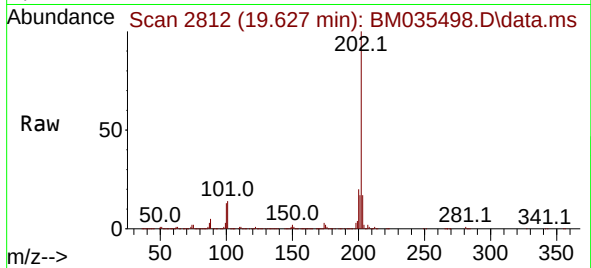




#82
 Pyrene
 Concen: 15.990 ng/ul
 RT: 19.627 min Scan# 2812
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

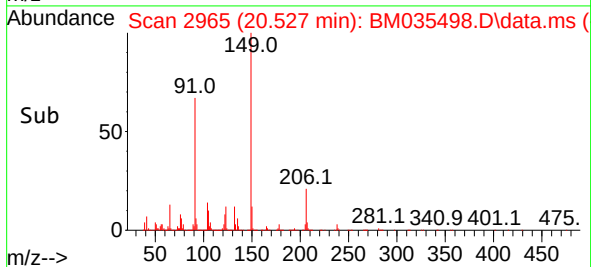
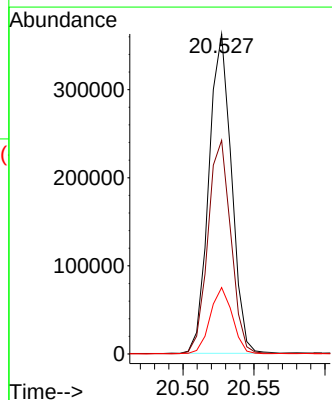
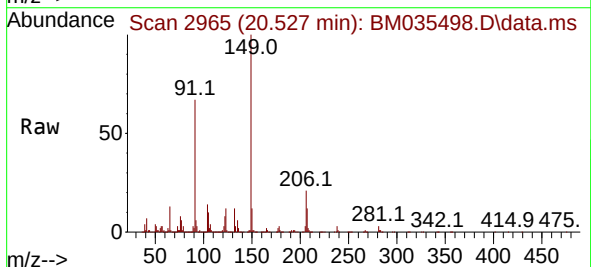
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

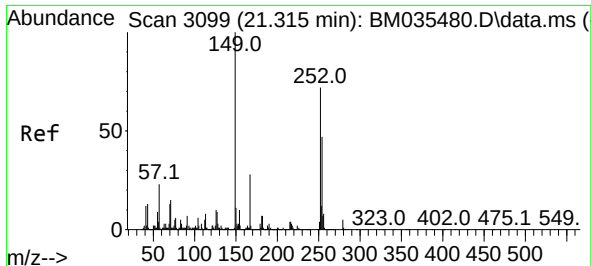
Tgt Ion:202 Resp: 981239
 Ion Ratio Lower Upper
 202 100
 101 14.4 11.9 17.9
 100 12.5 10.2 15.4



#83
 Butylbenzylphthalate
 Concen: 15.191 ng/ul
 RT: 20.527 min Scan# 2965
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Tgt Ion:149 Resp: 400768
 Ion Ratio Lower Upper
 149 100
 91 66.8 53.2 79.8
 206 20.8 16.0 24.0

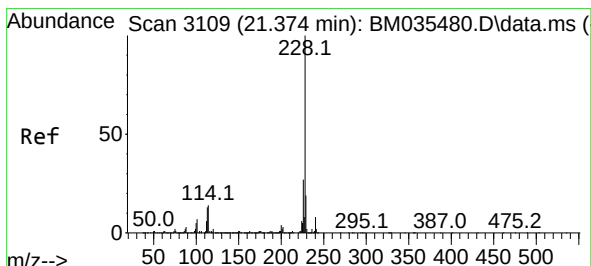
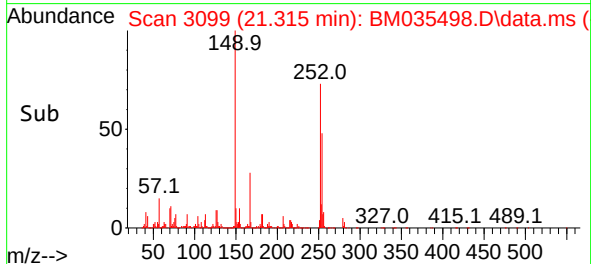
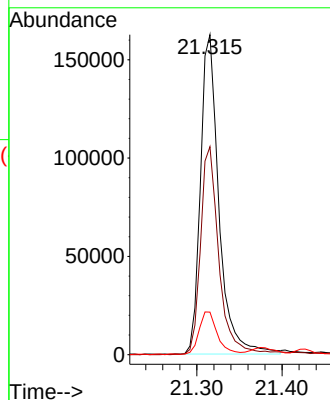
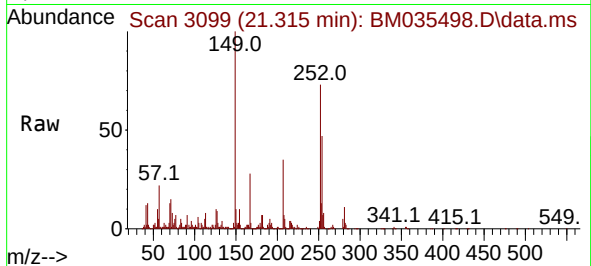




#84
 3,3'-Dichlorobenzidine
 Concen: 13.711 ng/ul
 RT: 21.315 min Scan# 3099
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

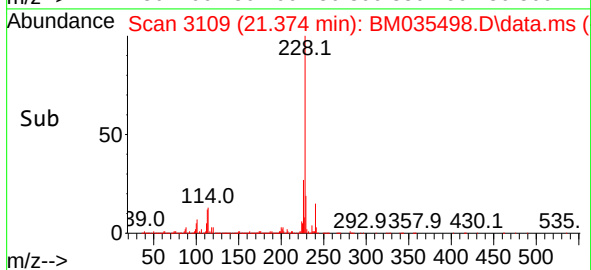
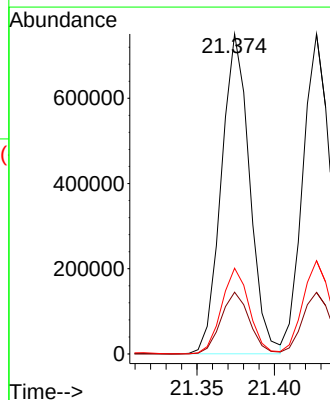
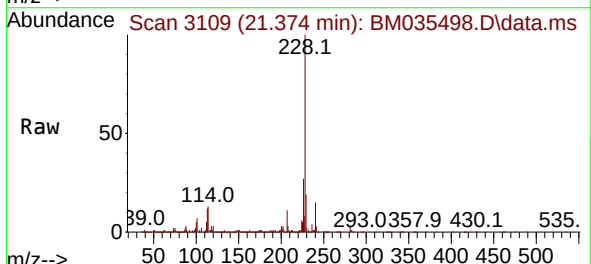
Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

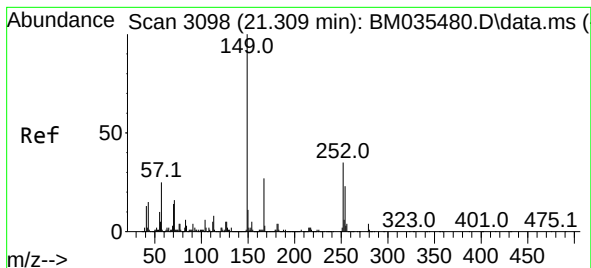
Tgt Ion:252 Resp: 245159
 Ion Ratio Lower Upper
 252 100
 254 65.0 52.4 78.6
 126 13.3 10.8 16.2



#85
 Benzo(a)anthracene
 Concen: 16.092 ng/ul
 RT: 21.374 min Scan# 3109
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Tgt Ion:228 Resp: 952524
 Ion Ratio Lower Upper
 228 100
 229 19.3 15.6 23.4
 226 26.8 21.7 32.5

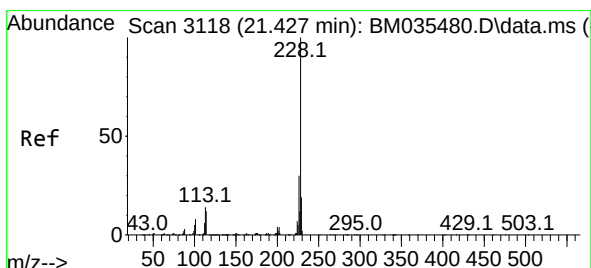
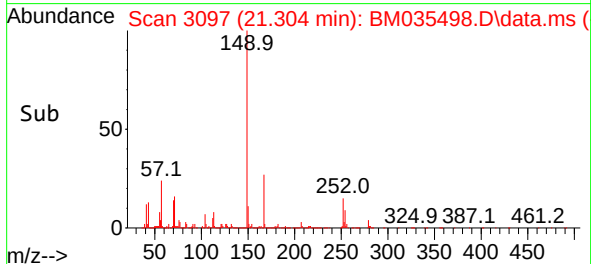
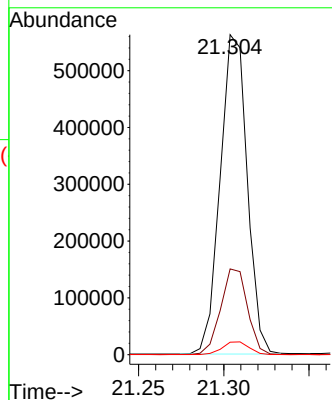
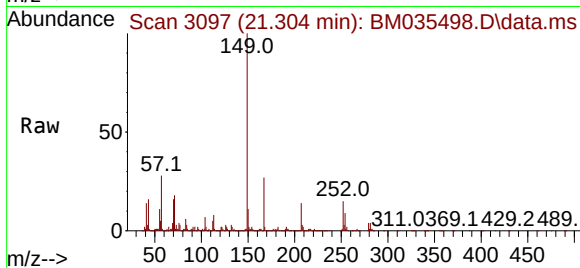




#86
Bis(2-ethylhexyl)phthalate
Concen: 15.874 ng/ul
RT: 21.304 min Scan# 3097
Delta R.T. -0.006 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

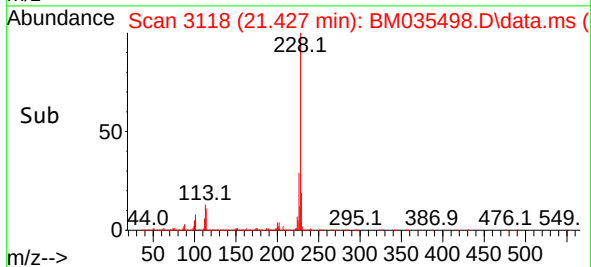
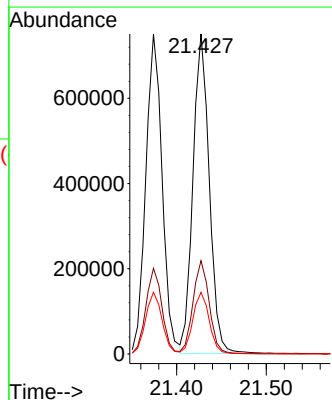
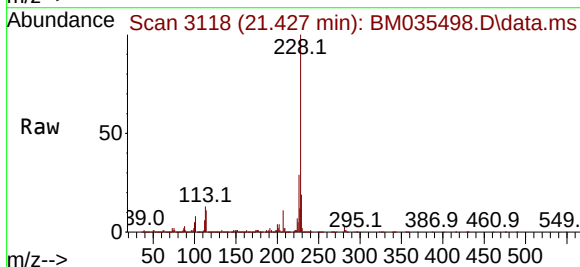
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

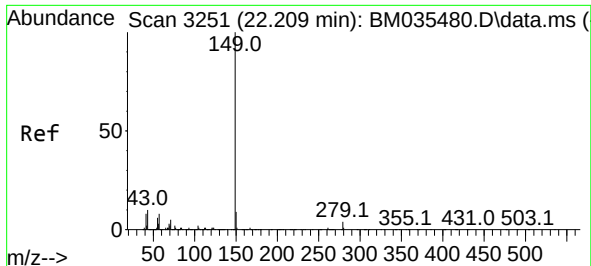
Tgt Ion:149 Resp: 621458
Ion Ratio Lower Upper
149 100
167 26.8 21.5 32.3
279 3.9 3.4 5.2



#87
Chrysene
Concen: 16.049 ng/ul
RT: 21.427 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:228 Resp: 946992
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.3 15.5 23.3

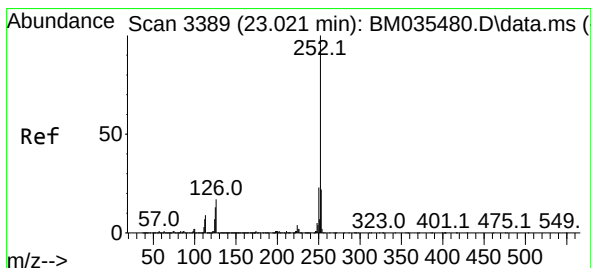
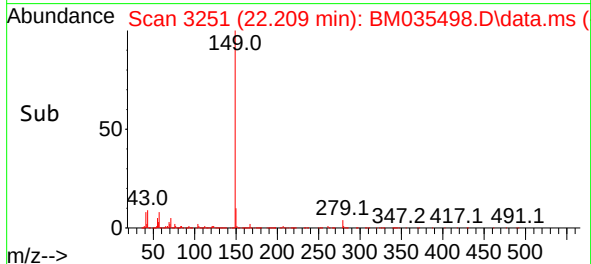
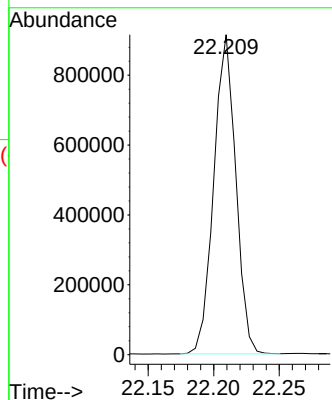
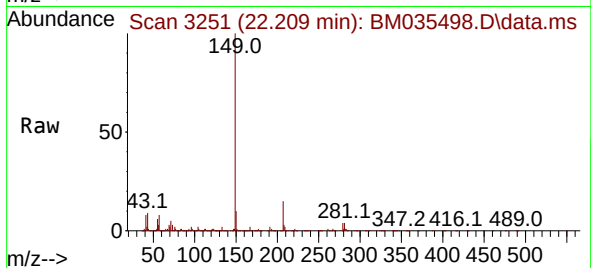




#89
Di-n-octyl phthalate
Concen: 15.916 ng/ul
RT: 22.209 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

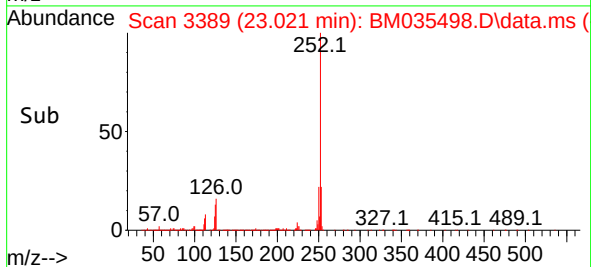
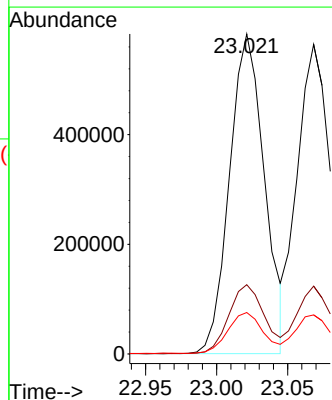
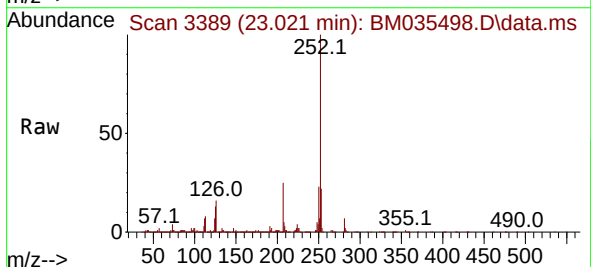
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

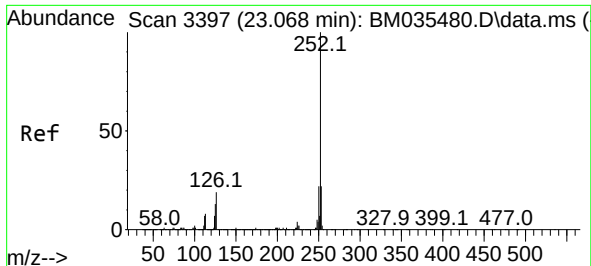
Tgt Ion:149 Resp: 1063265



#90
Benzo(b)fluoranthene
Concen: 16.492 ng/ul
RT: 23.021 min Scan# 3389
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:252 Resp: 997093
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 13.0 10.7 16.1

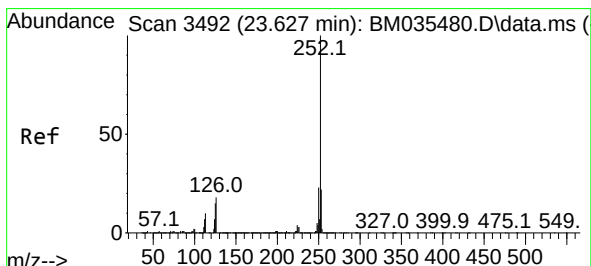
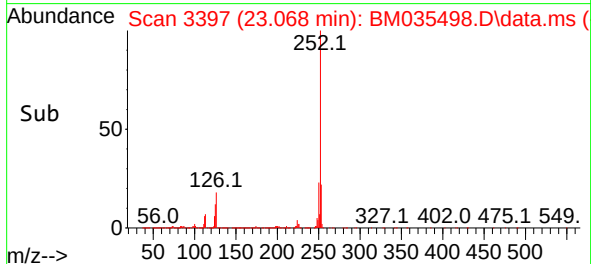
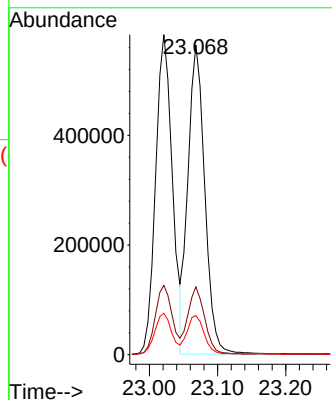
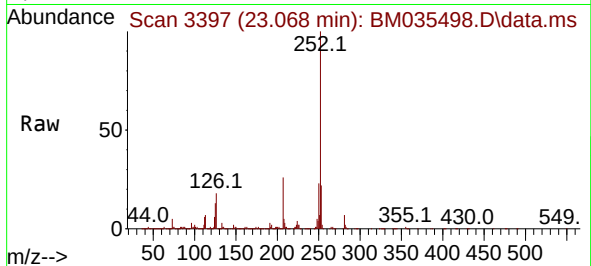




#91
Benzo(k)fluoranthene
Concen: 16.581 ng/ul
RT: 23.068 min Scan# 3397
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

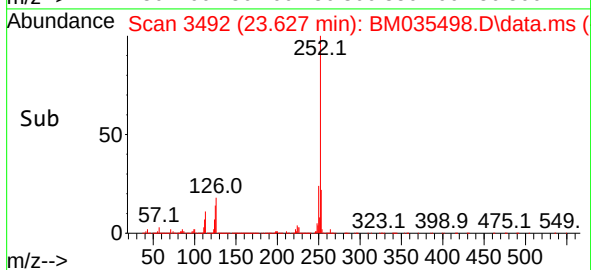
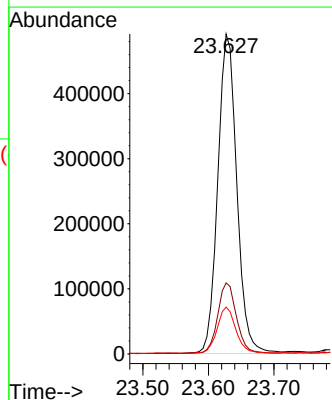
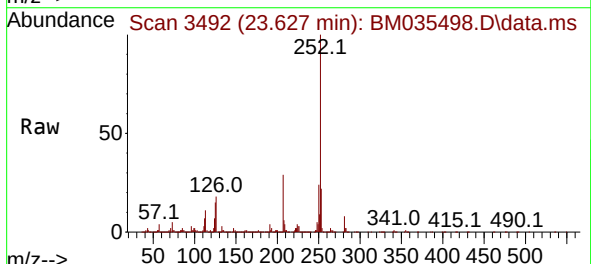
Instrument :
BNA_M
ClientSampleId :
EW4P0MS

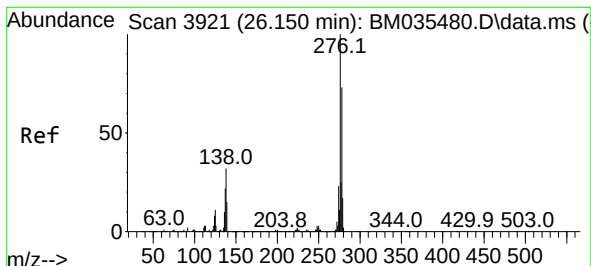
Tgt Ion:252 Resp: 964229
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.6 10.6 15.8



#93
Benzo(a)pyrene
Concen: 16.264 ng/ul
RT: 23.627 min Scan# 3492
Delta R.T. 0.000 min
Lab File: BM035498.D
Acq: 17 Jun 2022 17:03

Tgt Ion:252 Resp: 985814
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 14.6 11.8 17.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.935 ng/ul

RT: 26.156 min Scan# 3921

Delta R.T. 0.006 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

Instrument :

BNA_M

ClientSampleId :

EW4P0MS

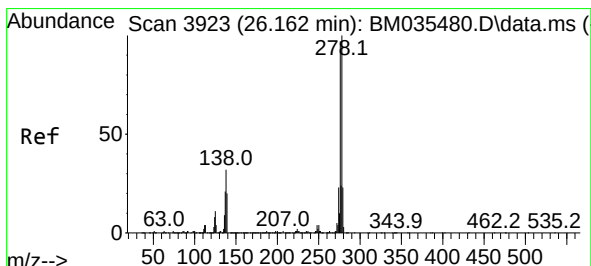
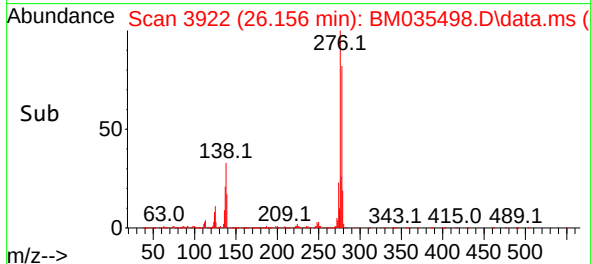
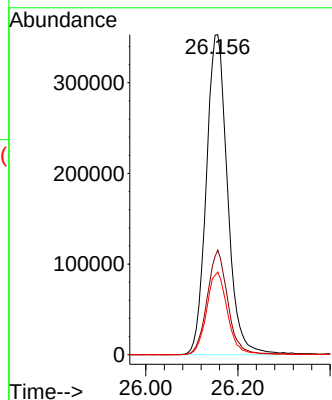
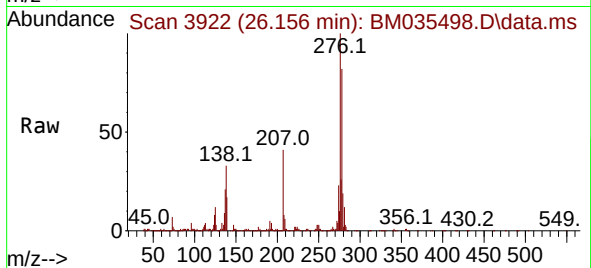
Tgt Ion:276 Resp: 1130774

Ion Ratio Lower Upper

276 100

138 32.7 25.6 38.4

277 25.8 20.1 30.1



#95

Dibenzo(a,h)anthracene

Concen: 16.111 ng/ul

RT: 26.162 min Scan# 3923

Delta R.T. 0.000 min

Lab File: BM035498.D

Acq: 17 Jun 2022 17:03

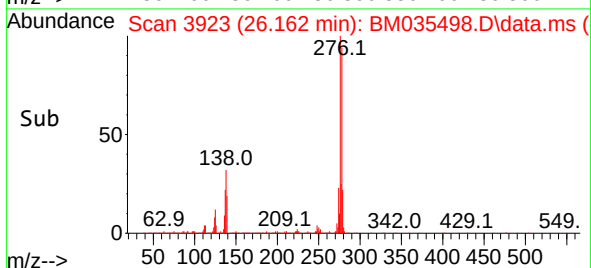
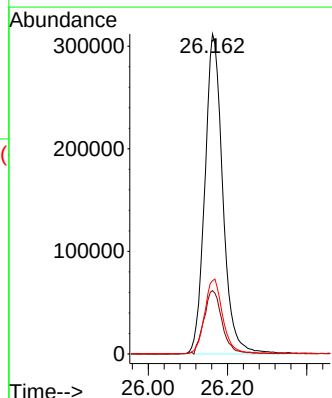
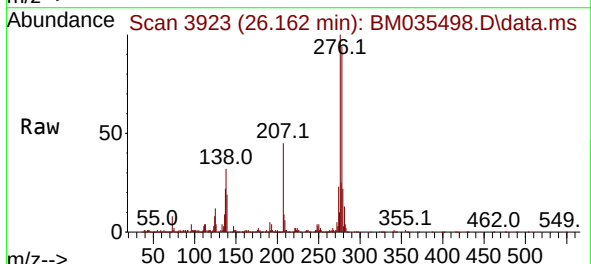
Tgt Ion:278 Resp: 978212

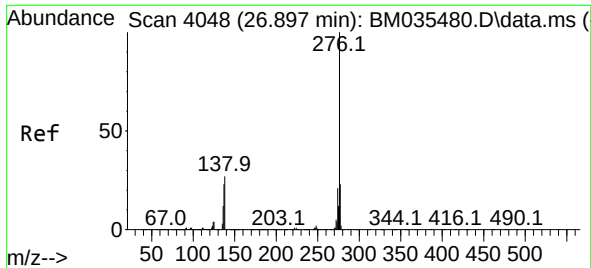
Ion Ratio Lower Upper

278 100

139 19.8 16.2 24.2

279 22.9 18.7 28.1





#96
 Benzo(g,h,i)perylene
 Concen: 13.889 ng/ul
 RT: 26.897 min Scan# 4048
 Delta R.T. 0.000 min
 Lab File: BM035498.D
 Acq: 17 Jun 2022 17:03

Instrument :
 BNA_M
 ClientSampleId :
 EW4P0MS

Tgt Ion:276 Resp: 844673

Ion	Ratio	Lower	Upper
276	100		
138	27.8	21.3	31.9
277	23.7	18.6	28.0

