

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072922\
 Data File : BM036017.D
 Acq On : 30 Jul 2022 06:37
 Operator : CG/JU
 Sample : N3792-12MS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 01 00:45:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 30 00:20:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	369664	20.000	ng/u1	0.00
20) Naphthalene-d8	10.681	136	1515267	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	830088	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	1631474	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	1602947	20.000	ng/u1	0.00
88) Perylene-d12	23.797	264	1657710	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	43753	4.454	ng/uL	0.00
4) Pyridine-d5	3.693	84	202421	7.521	ng/u1	0.00
7) Phenol-d5	7.040	99	191932	6.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.204	67	597376	28.907	ng/u1	0.00
11) 2-Chlorophenol-d4	7.404	132	603619	23.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.587	113	344218	13.706	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	383275	31.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	368396	31.492	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.298	165	623254	29.458	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	766026	21.387	ng/u1	0.00
46) Dimethylphthalate-d6	13.927	166	2082926	36.837	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	2545996	35.290	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	78303	6.744	ng/u1	0.00
60) Fluorene-d10	15.498	176	1815029	35.522	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.621	200	303653	34.625	ng/u1	0.00
73) Anthracene-d10	17.351	188	2860024	38.775	ng/u1	0.00
81) Pyrene-d10	19.639	212	3344906	37.651	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	3358882	39.911	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	44422	4.363	ng/uL	92
5) Pyridine	3.716	79	224998	7.967	ng/u1	90
6) Benzaldehyde	7.016	77	676947	52.030	ng/u1	95
8) Phenol	7.063	94	213031	6.280	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.298	93	791683	29.027	ng/u1	96
12) 2-Chlorophenol	7.434	128	610627	23.133	ng/u1	99
13) 2-Methylphenol	8.322	108	424541	16.751	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.404	45	997029	27.695	ng/u1	98
16) Acetophenone	8.704	105	1153198	28.601	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.692	70	579243	28.808	ng/u1	92
18) 4-Methylphenol	8.651	108	384076	14.127	ng/u1	100
19) Hexachloroethane	8.951	117	249236	22.885	ng/u1	91
22) Nitrobenzene	9.081	77	850897	30.968	ng/u1	99
23) Isophorone	9.610	82	1549196	29.868	ng/u1	98
25) 2-Nitrophenol	9.792	139	400216	30.838	ng/u1	98
26) 2,4-Dimethylphenol	9.857	107	599170	22.594	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.098	93	1001960	30.630	ng/u1	99
29) 2,4-Dichlorophenol	10.328	162	618934	28.185	ng/u1	98
30) Naphthalene	10.728	128	2245200	28.072	ng/u1	99
32) 4-Chloroaniline	10.845	127	763704	21.464	ng/u1	98
33) Hexachlorobutadiene	11.010	225	348053	25.674	ng/u1	98
34) Caprolactam	11.633	113	28309	3.901	ng/u1	88
35) 4-Chloro-3-methylphenol	11.963	107	577872	25.307	ng/u1	98
36) 2-Methylnaphthalene	12.339	142	1512323	28.901	ng/u1	100

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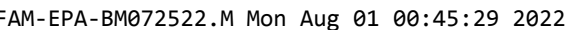
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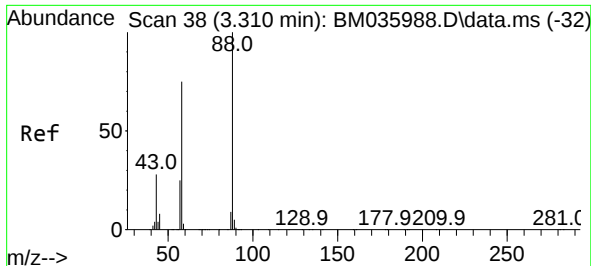
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	1540552	29.208	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.704	216	727018	30.768	ng/ul	100
40) Hexachlorocyclopentadiene	12.680	237	311178	19.773	ng/ul	98
41) 2,4,6-Trichlorophenol	12.945	196	511992	33.859	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	547165	33.912	ng/ul	99
43) 1,1'-Biphenyl	13.351	154	2054059	32.149	ng/ul	100
44) 2-Chloronaphthalene	13.392	162	1561975	31.855	ng/ul	98
45) 2-Nitroaniline	13.598	65	473225	35.007	ng/ul	100
47) Dimethylphthalate	13.974	163	2056825	36.164	ng/ul	99
48) 2,6-Dinitrotoluene	14.098	165	423949	37.544	ng/ul	95
50) Acenaphthylene	14.233	152	2641494	33.099	ng/ul	100
51) 3-Nitroaniline	14.421	138	421811	33.801	ng/ul	98
52) Acenaphthene	14.574	153	1711006	33.047	ng/ul	98
53) 2,4-Dinitrophenol	14.627	184	196012	30.573	ng/ul	98
55) 4-Nitrophenol	14.727	109	60526	6.816	ng/ul	84
56) Dibenzofuran	14.910	168	2445505	34.137	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	607896	38.191	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.133	232	467272	36.860	ng/ul#	95
59) Diethylphthalate	15.333	149	2150353	37.378	ng/ul	100
61) Fluorene	15.557	166	2032781	34.737	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.551	204	963016	34.346	ng/ul	98
63) 4-Nitroaniline	15.580	138	472068	41.089	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.639	198	299937	34.180	ng/ul#	99
67) N-Nitrosodiphenylamine	15.768	169	1666860	34.753	ng/ul	99
68) 4-Bromophenyl-phenylether	16.445	248	595405	37.226	ng/ul	99
69) Hexachlorobenzene	16.551	284	728013	37.357	ng/ul	98
70) Atrazine	16.721	200	595341	35.786	ng/ul	100
71) Pentachlorophenol	16.898	266	425920	35.775	ng/ul	98
72) Phenanthrene	17.292	178	3274090	37.443	ng/ul	98
74) Anthracene	17.386	178	3312169	37.749	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	754023	29.720	ng/uL	98
76) Pentachlorobenzene	14.827	250	797151	34.662	ng/uL	99
77) Carbazole	17.657	167	3122956	38.536	ng/ul	99
78) Di-n-butylphthalate	18.221	149	3836145	41.955	ng/ul	99
80) Fluoranthene	19.304	202	3897886	36.723	ng/ul	99
82) Pyrene	19.668	202	4006937	36.625	ng/ul	98
83) Butylbenzylphthalate	20.574	149	1675695	42.113	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.350	252	1102166	37.261	ng/ul	99
85) Benzo(a)anthracene	21.415	228	3956455	39.215	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.350	149	2514999	43.743	ng/ul	99
87) Chrysene	21.468	228	3860544	39.217	ng/ul	98
89) Di-n-octyl phthalate	22.262	149	4193432	39.172	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	4186134	37.838	ng/ul	97
91) Benzo(k)fluoranthene	23.074	252	4186134	39.874	ng/ul	97
93) Benzo(a)pyrene	23.697	252	4034594	38.288	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.262	276	4758270	42.363	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.280	278	4094829	42.493	ng/ul	95
96) Benzo(g,h,i)perylene	27.021	276	4045853	43.467	ng/ul	96

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

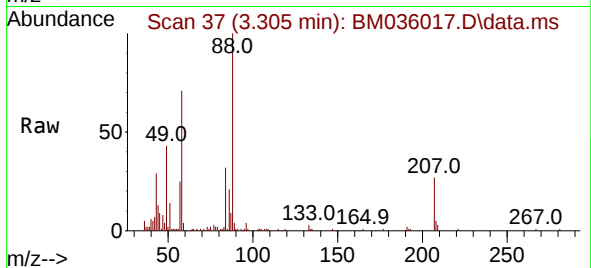
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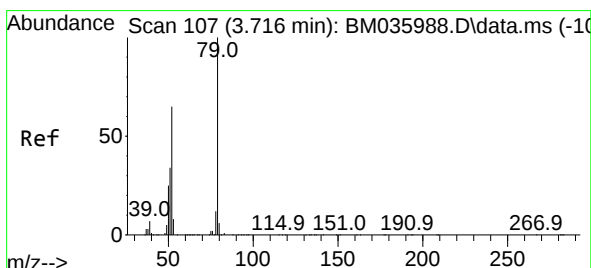
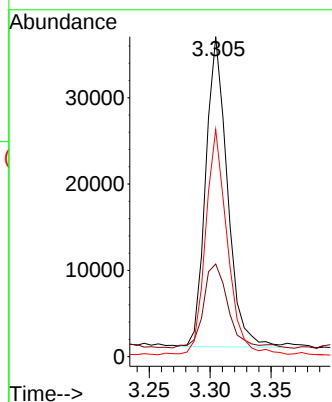
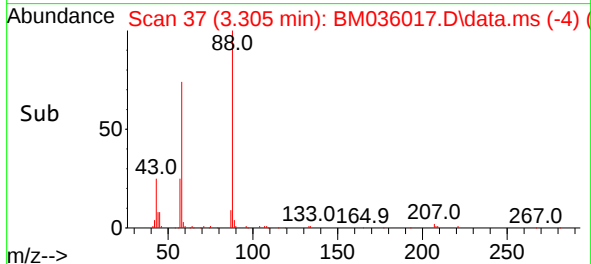


#2
1,4-Dioxane
Concen: 4.363 ng/uL
RT: 3.305 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036017.D
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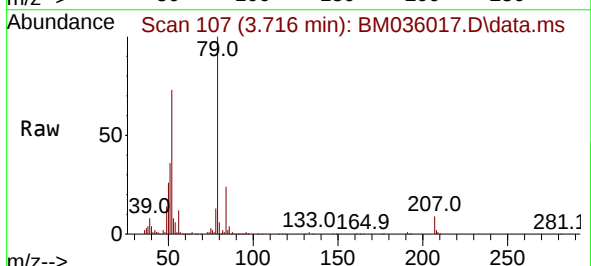
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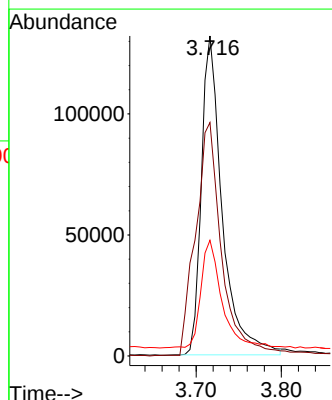
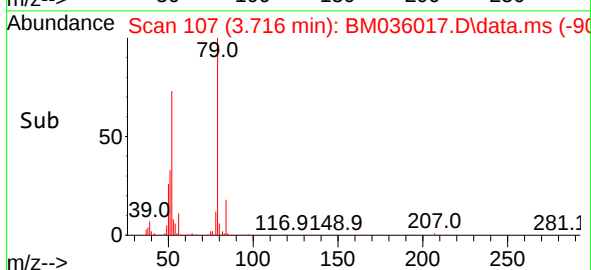
Tgt Ion: 88 Resp: 44422
Ion Ratio Lower Upper
88 100
43 29.0 27.8 41.8
58 71.0 61.8 92.8

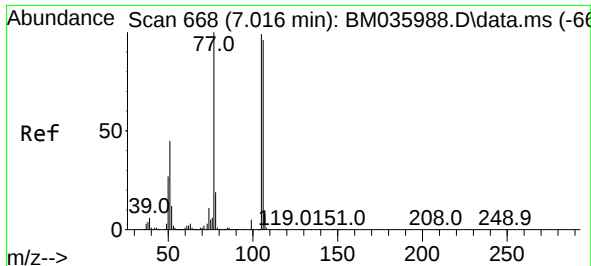


#5
Pyridine
Concen: 7.967 ng/uL
RT: 3.716 min Scan# 107
Delta R.T. 0.000 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37



Tgt Ion: 79 Resp: 224998
Ion Ratio Lower Upper
79 100
52 73.0 67.8 101.6
51 36.1 31.4 47.0

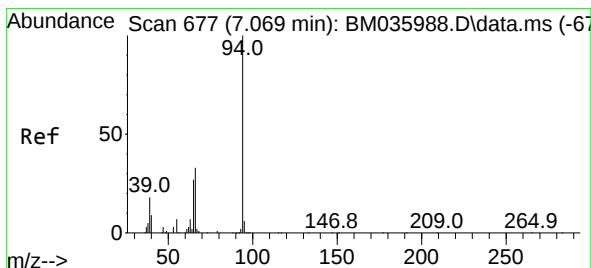
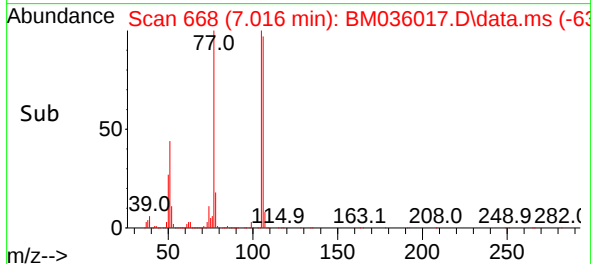
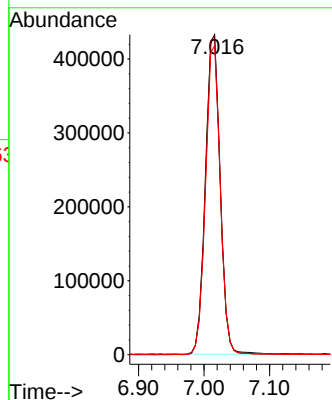
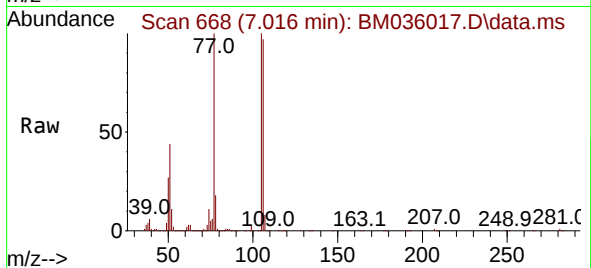




#6
Benzaldehyde
Concen: 52.030 ng/ul
RT: 7.016 min Scan# 60
Delta R.T. 0.000 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

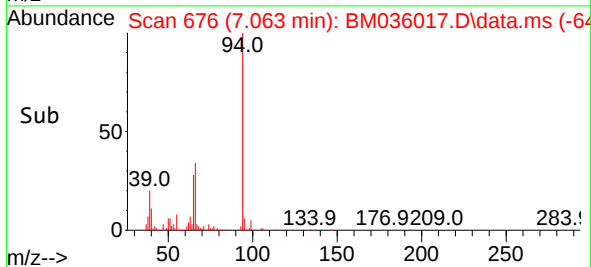
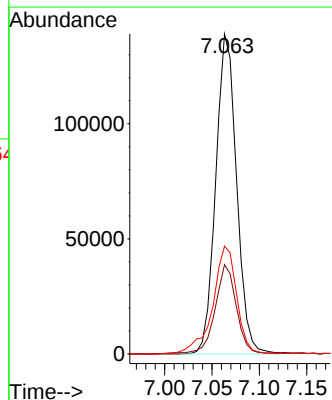
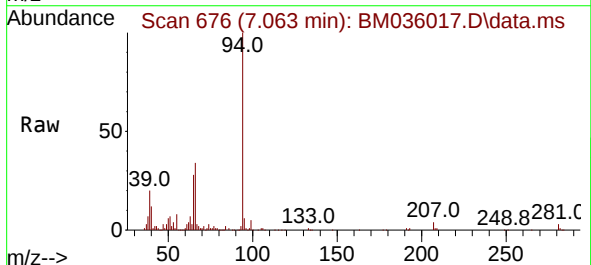
Instrument :
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ClientSampleId :

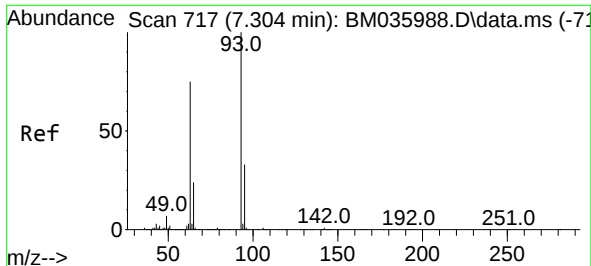
Tgt Ion: 77 Resp: 676947
Ion Ratio Lower Upper
77 100
105 99.6 84.6 127.0
106 96.6 80.3 120.5



#8
Phenol
Concen: 6.280 ng/ul
RT: 7.063 min Scan# 676
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion: 94 Resp: 213031
Ion Ratio Lower Upper
94 100
65 27.9 21.3 31.9
66 33.7 27.4 41.0



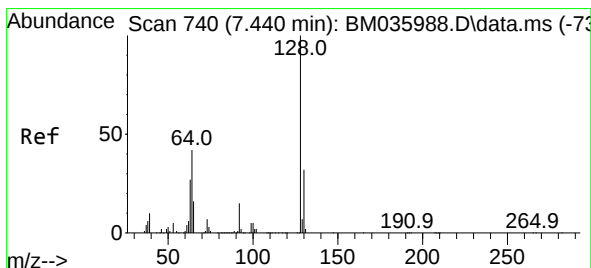
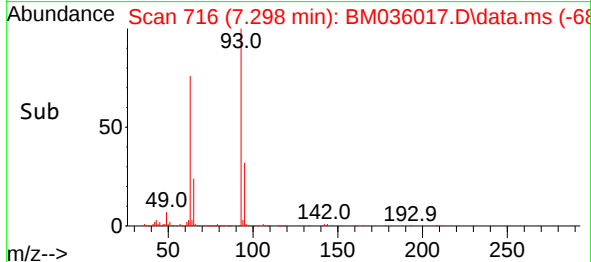
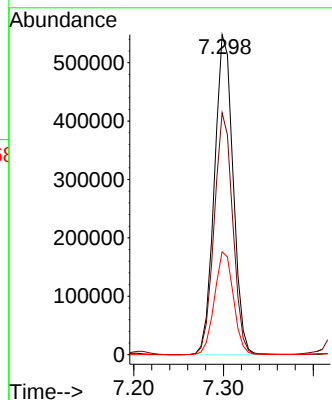
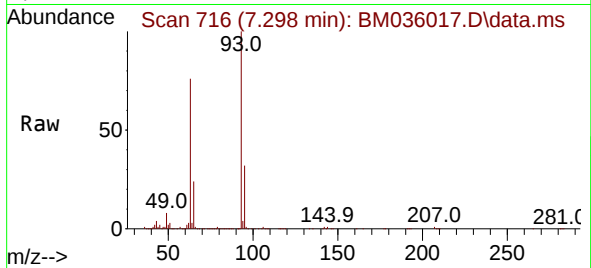


#10
 Bis(2-Chloroethyl)ether
 Concen: 29.027 ng/ul
 RT: 7.298 min Scan# 716
 Delta R.T. -0.006 min
 Lab File: BM036017.D
 Acq: 30 Jul 2022 06:37

Instrument :
 BNA_M
 ClientSampleId :

Tgt Ion: 93 Resp: 791683

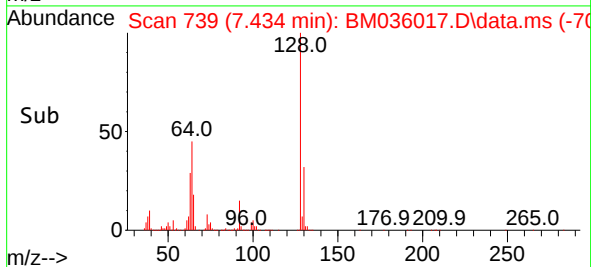
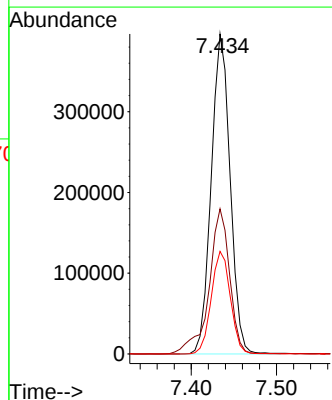
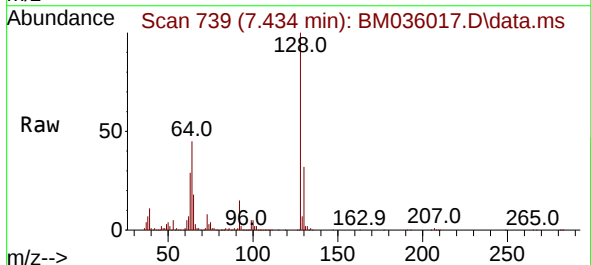
Ion	Ratio	Lower	Upper
93	100		
63	75.6	64.0	96.0
95	32.2	25.8	38.6

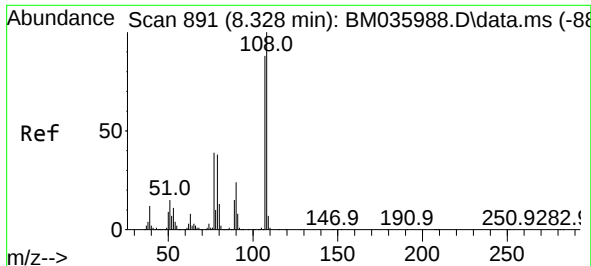


#12
 2-Chlorophenol
 Concen: 23.133 ng/ul
 RT: 7.434 min Scan# 739
 Delta R.T. -0.006 min
 Lab File: BM036017.D
 Acq: 30 Jul 2022 06:37

Tgt Ion:128 Resp: 610627

Ion	Ratio	Lower	Upper
128	100		
64	45.3	36.9	55.3
130	32.0	25.6	38.4

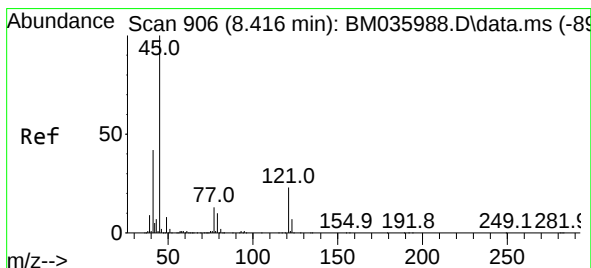
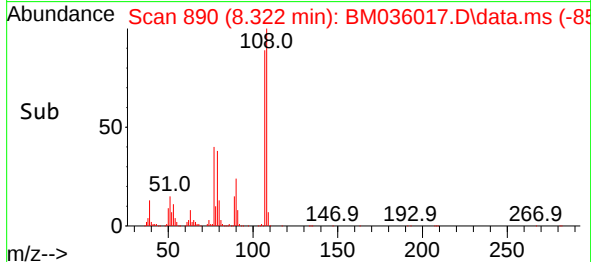
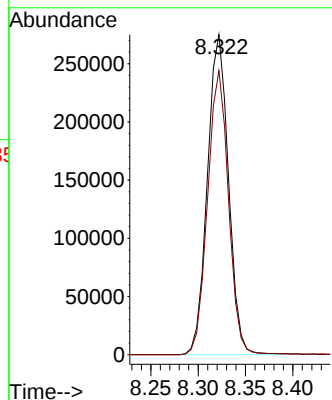
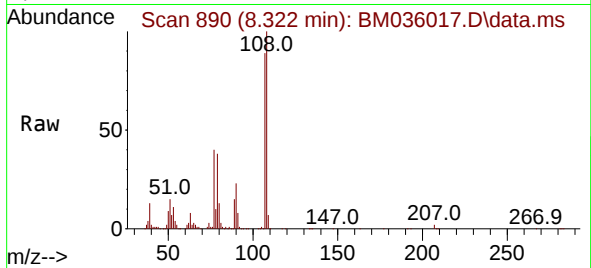




#13
2-Methylphenol
Concen: 16.751 ng/ul
RT: 8.322 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

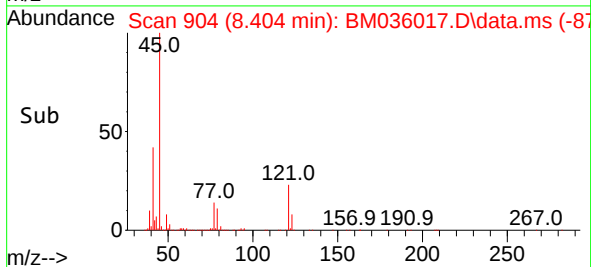
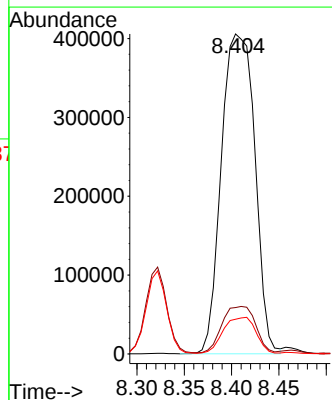
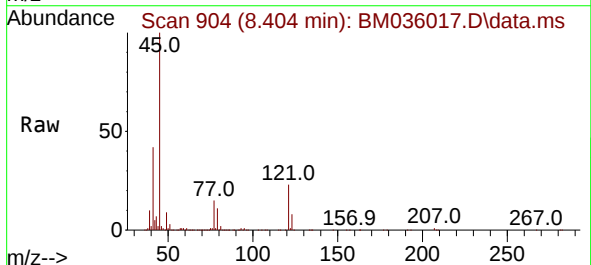
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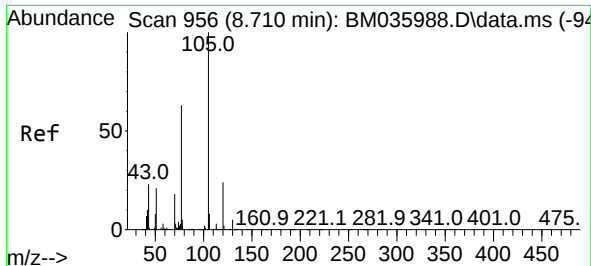
Tgt Ion:108 Resp: 424541
Ion Ratio Lower Upper
108 100
107 88.7 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 27.695 ng/ul
RT: 8.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

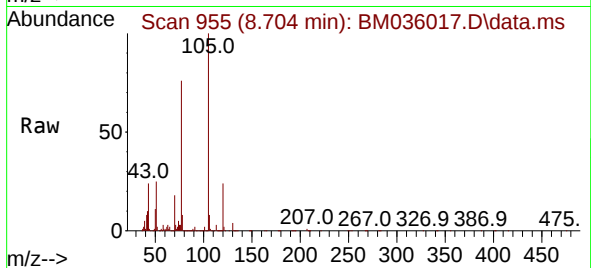
Tgt Ion: 45 Resp: 997029
Ion Ratio Lower Upper
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77 14.5 10.6 15.8
79 10.8 8.3 12.5



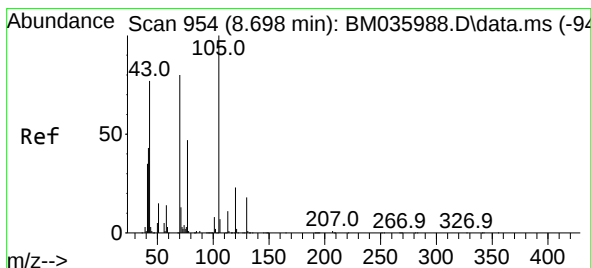
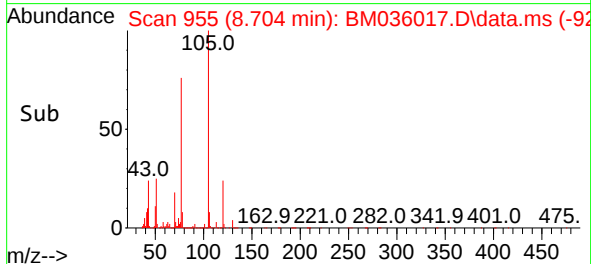
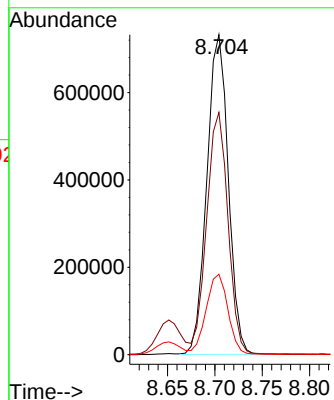


#16
Acetophenone
Concen: 28.601 ng/ul
RT: 8.704 min Scan# 91
Delta R.T. -0.006 min
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Instrument :
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ClientSampleId :

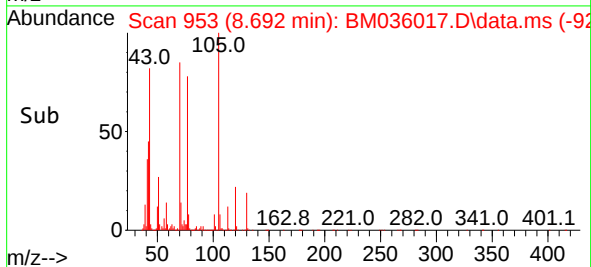
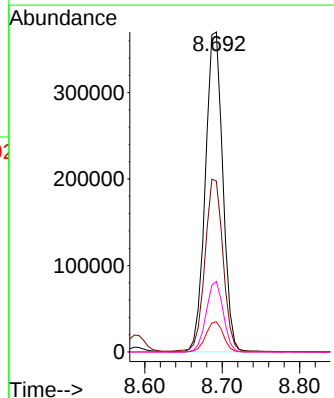
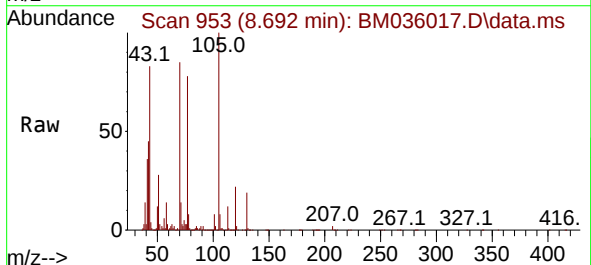


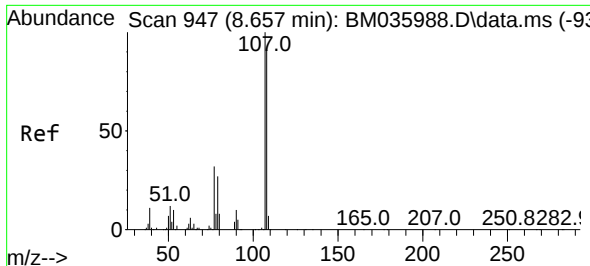
Tgt Ion:105 Resp: 1153198
Ion Ratio Lower Upper
105 100
77 75.7 59.8 89.6
51 25.1 22.1 33.1



#17
N-Nitroso-di-n-propylamine
Concen: 28.808 ng/ul
RT: 8.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion: 70 Resp: 579243
Ion Ratio Lower Upper
70 100
42 53.4 49.6 74.4
101 9.5 8.1 12.1
130 22.0 18.4 27.6

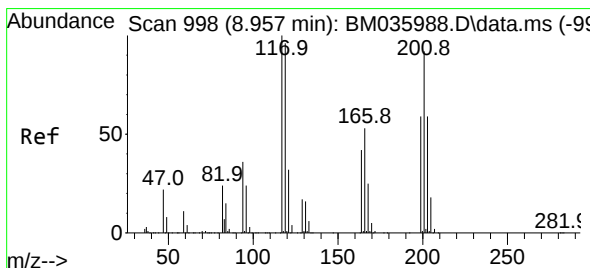
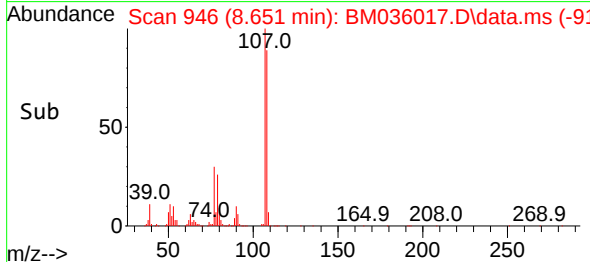
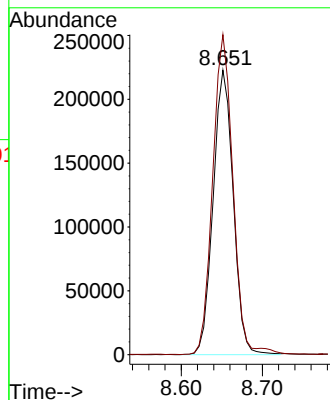
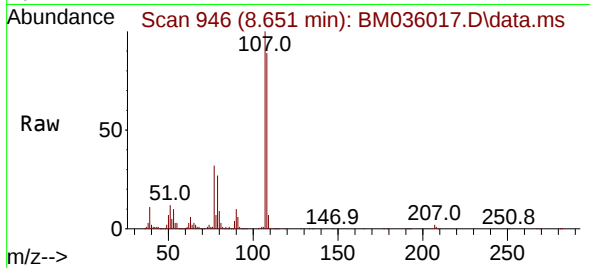




#18
4-Methylphenol
Concen: 14.127 ng/ul
RT: 8.651 min Scan# 947
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

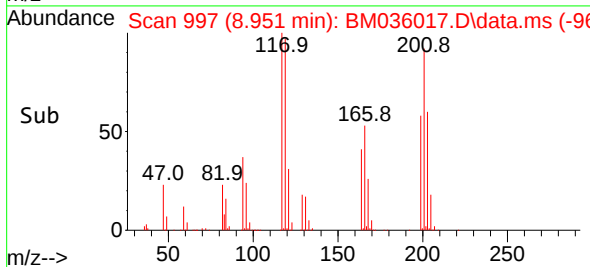
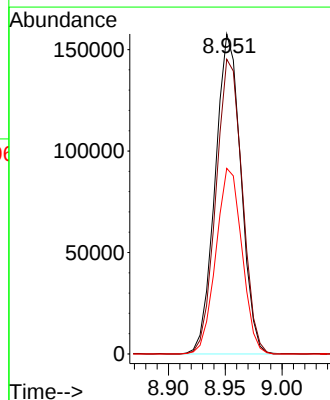
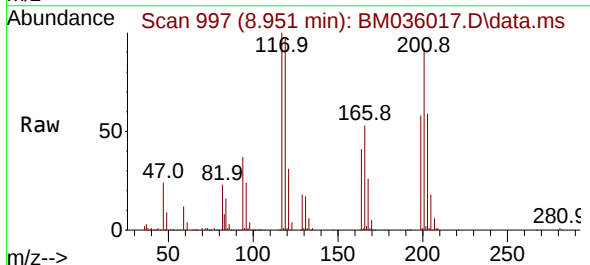
Instrument :
BNA_M
ClientSampleId :

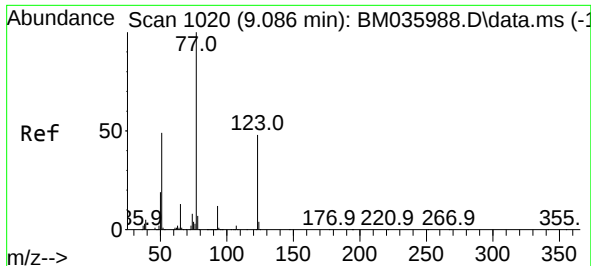
Tgt Ion:108 Resp: 384076
Ion Ratio Lower Upper
108 100
107 112.5 90.3 135.5



#19
Hexachloroethane
Concen: 22.885 ng/ul
RT: 8.951 min Scan# 997
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:117 Resp: 249236
Ion Ratio Lower Upper
117 100
201 92.1 81.8 122.6
199 58.0 51.6 77.4

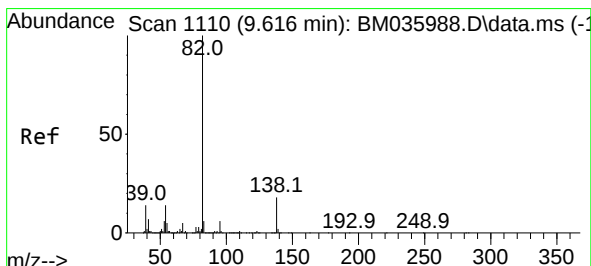
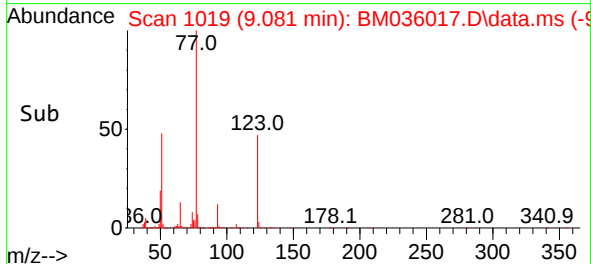
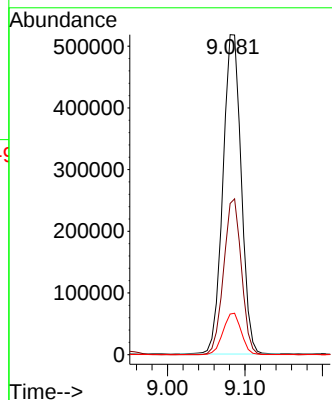
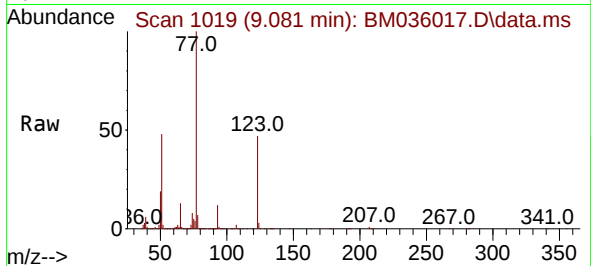




#22
Nitrobenzene
Concen: 30.968 ng/ul
RT: 9.081 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

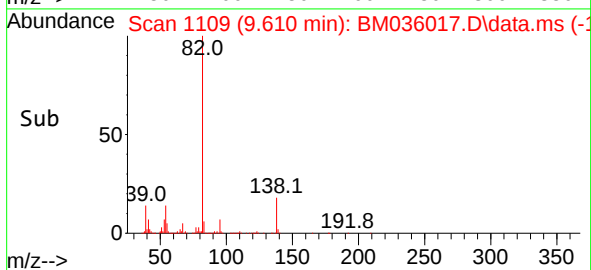
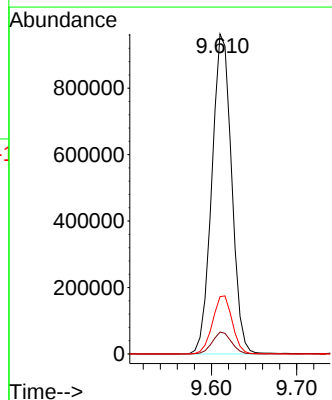
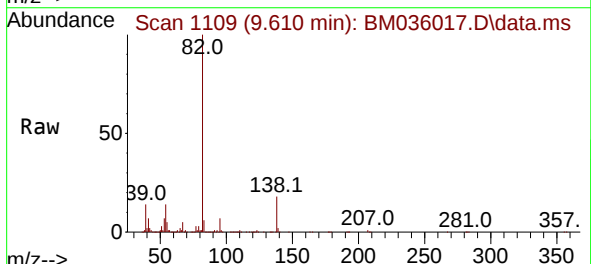
Instrument :
BNA_M
ClientSampleId :

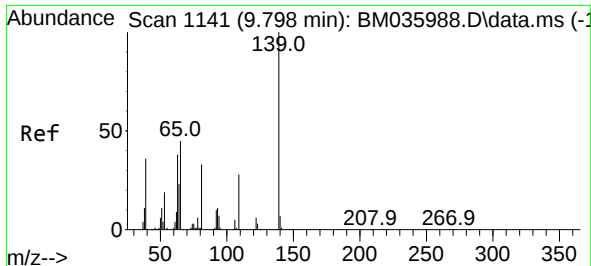
Tgt Ion: 77 Resp: 850897
Ion Ratio Lower Upper
77 100
123 47.2 37.4 56.0
65 12.7 10.8 16.2



#23
Isophorone
Concen: 29.868 ng/ul
RT: 9.610 min Scan# 1109
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion: 82 Resp: 1549196
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 17.9 15.3 22.9

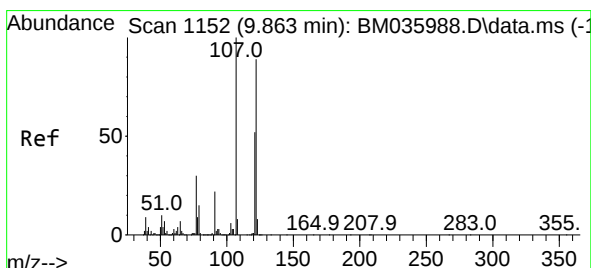
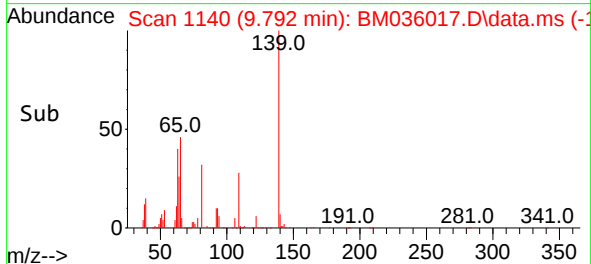
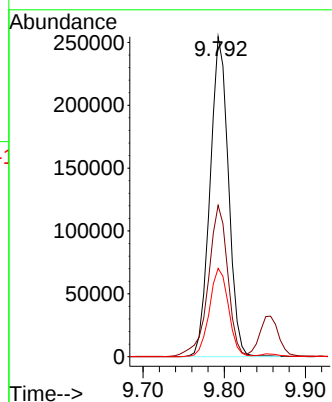
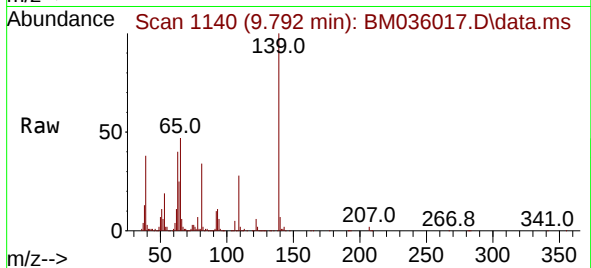




#25
2-Nitrophenol
Concen: 30.838 ng/ul
RT: 9.792 min Scan# 1140
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

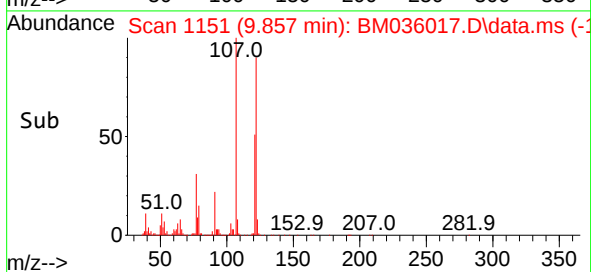
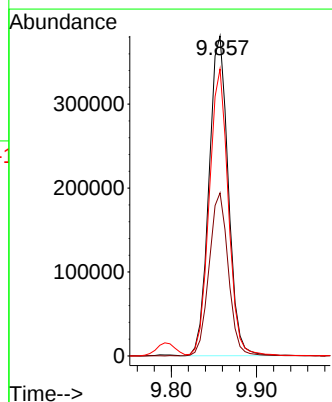
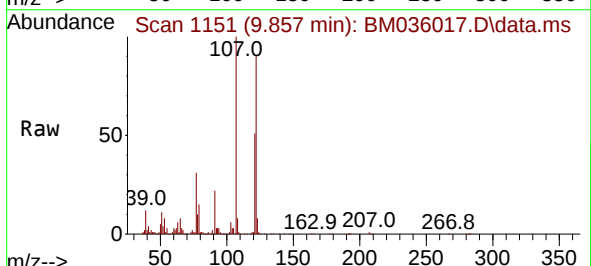
Instrument :
BNA_M
ClientSampleId :

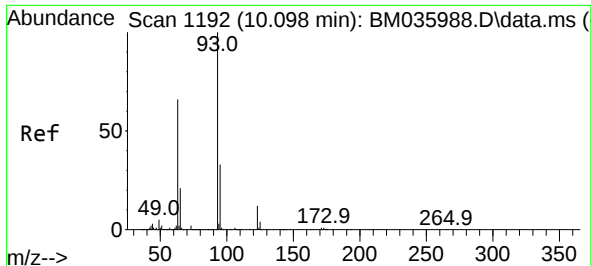
Tgt Ion:139 Resp: 400216
Ion Ratio Lower Upper
139 100
65 47.3 39.8 59.6
109 27.6 22.2 33.4



#26
2,4-Dimethylphenol
Concen: 22.594 ng/ul
RT: 9.857 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:107 Resp: 599170
Ion Ratio Lower Upper
107 100
121 51.0 42.7 64.1
122 89.7 71.5 107.3





#27

Bis(2-Chloroethoxy)methane

Concen: 30.630 ng/ul

RT: 10.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

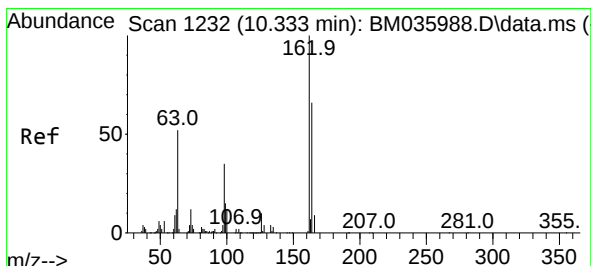
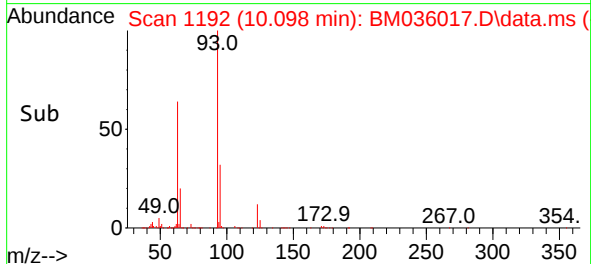
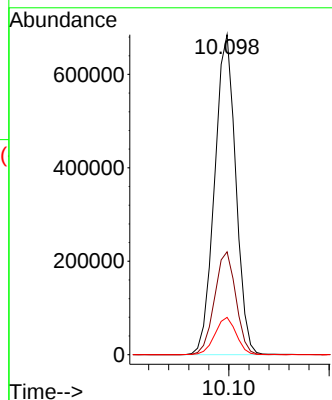
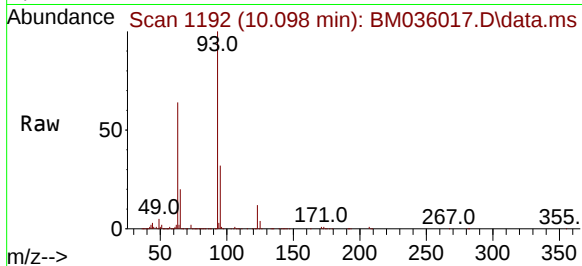
Instrument :

BNA_M

ClientSampleId :

Tgt Ion: 93 Resp: 1001960

Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.1	39.1
123	11.6	9.4	14.0



#29

2,4-Dichlorophenol

Concen: 28.185 ng/ul

RT: 10.328 min Scan# 1231

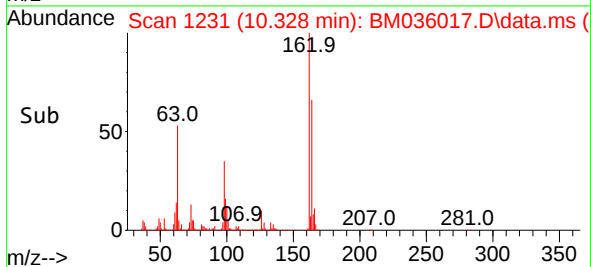
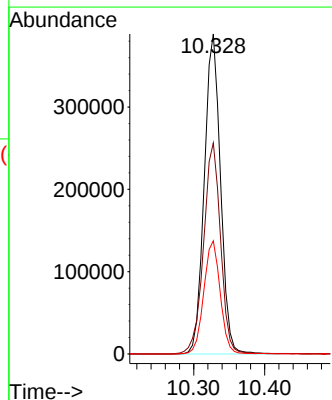
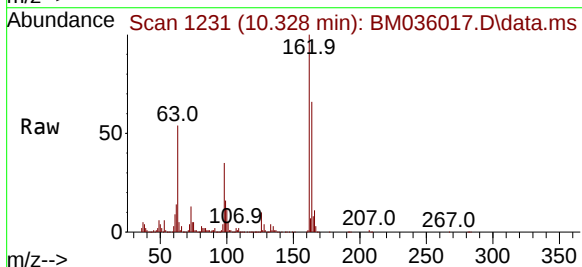
Delta R.T. -0.006 min

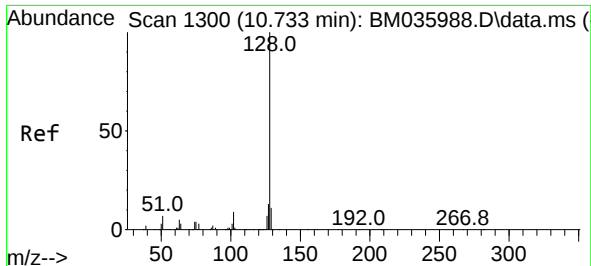
Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Tgt Ion:162 Resp: 618934

Ion	Ratio	Lower	Upper
162	100		
164	65.9	51.8	77.6
98	35.3	29.5	44.3

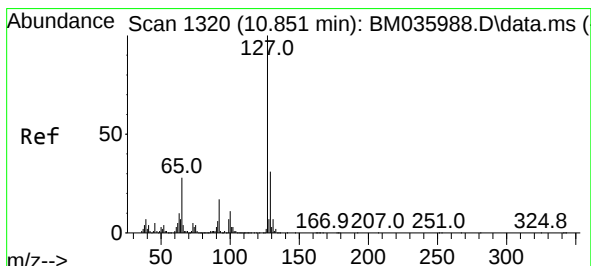
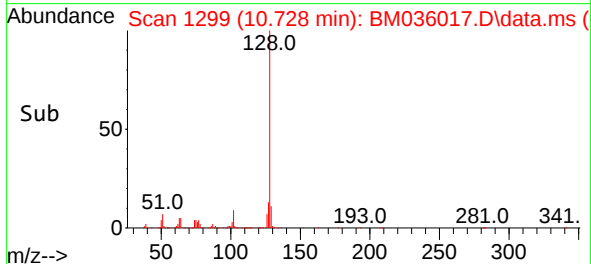
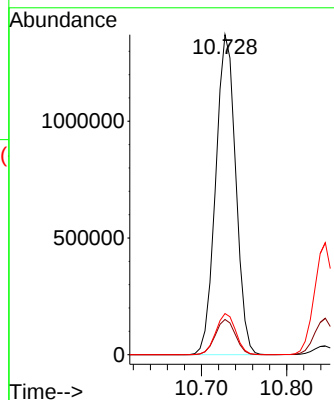
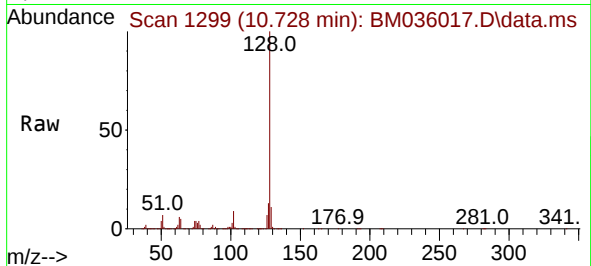




#30
Naphthalene
Concen: 28.072 ng/ul
RT: 10.728 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

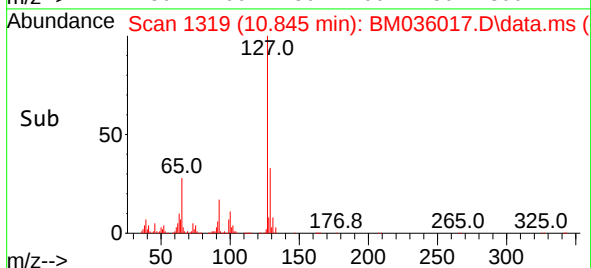
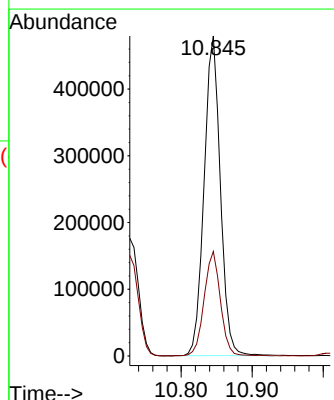
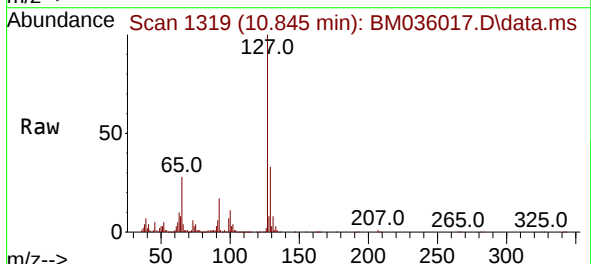
Instrument :
BNA_M
ClientSampleId :

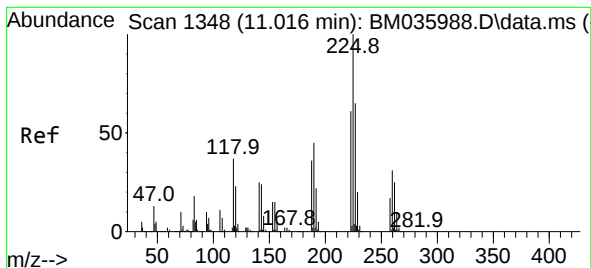
Tgt Ion:128 Resp: 2245200
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 12.9 10.6 16.0



#32
4-Chloroaniline
Concen: 21.464 ng/ul
RT: 10.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:127 Resp: 763704
Ion Ratio Lower Upper
127 100
129 32.6 25.3 37.9





#33

Hexachlorobutadiene

Concen: 25.674 ng/ul

RT: 11.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

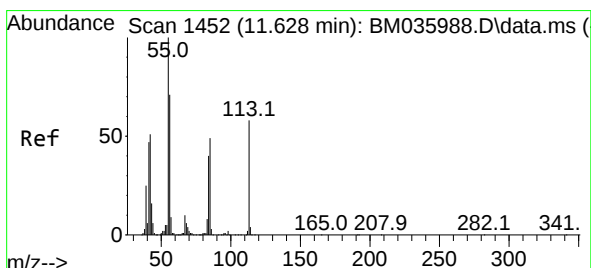
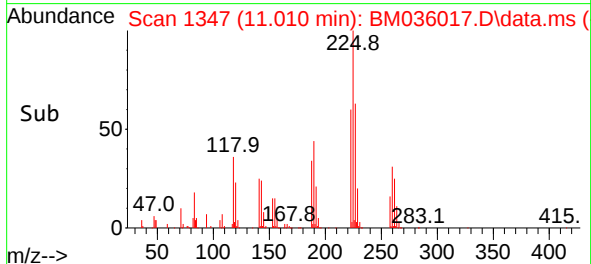
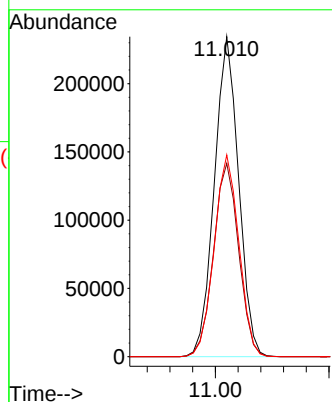
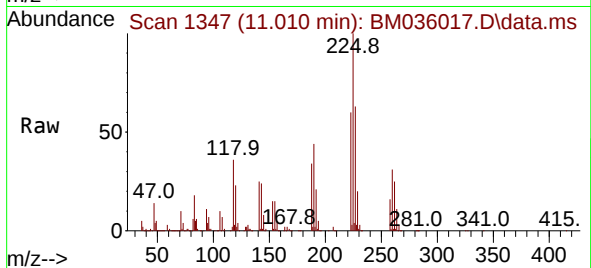
Tgt Ion:225 Resp: 348053

Ion Ratio Lower Upper

225 100

223 60.4 50.0 75.0

227 63.0 49.9 74.9



#34

Caprolactam

Concen: 3.901 ng/ul

RT: 11.633 min Scan# 1453

Delta R.T. 0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

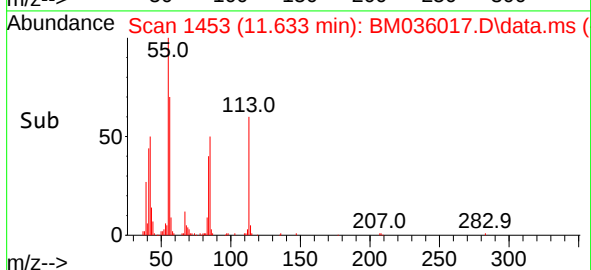
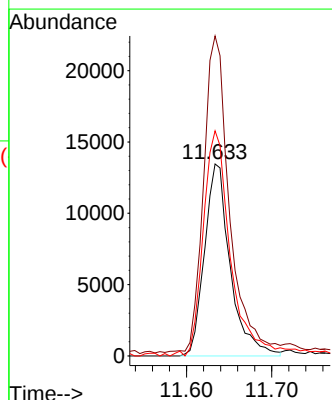
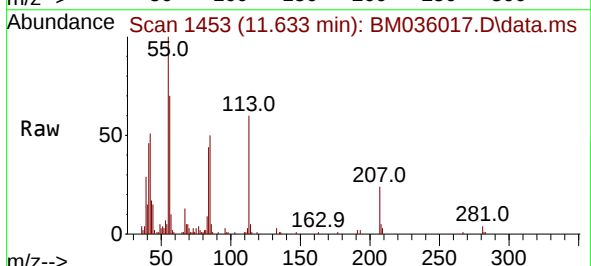
Tgt Ion:113 Resp: 28309

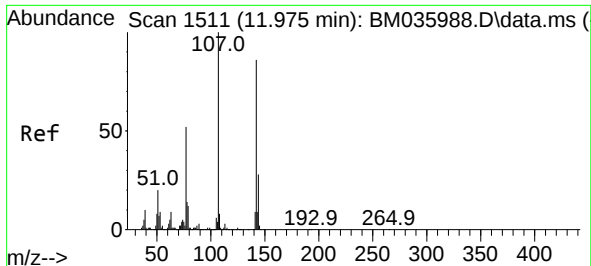
Ion Ratio Lower Upper

113 100

55 166.7 150.2 225.4

56 117.3 102.1 153.1

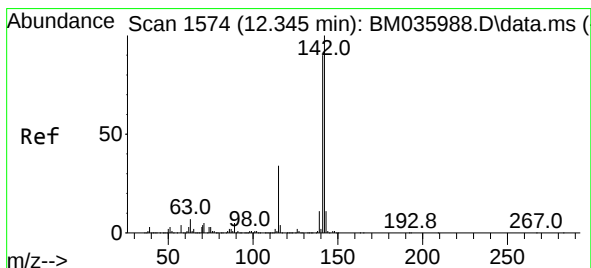
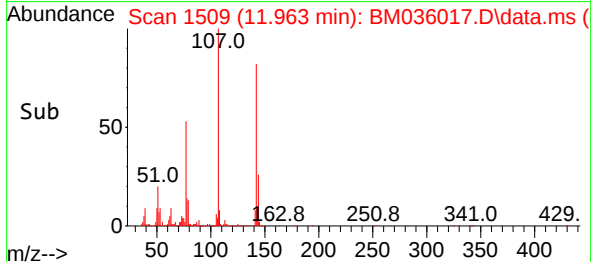
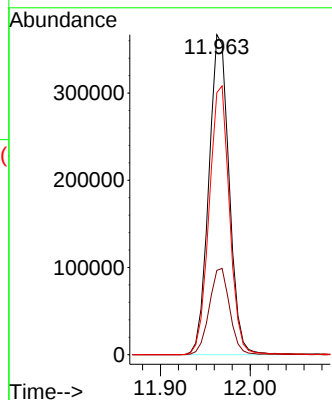
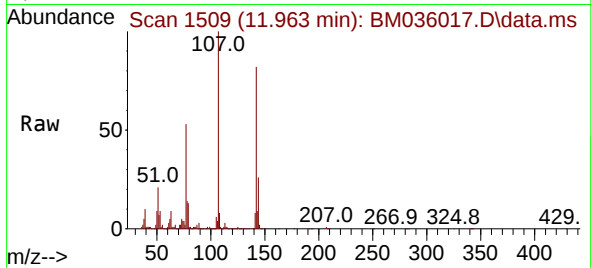




#35
4-Chloro-3-methylphenol
Concen: 25.307 ng/ul
RT: 11.963 min Scan# 1509
Delta R.T. -0.012 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

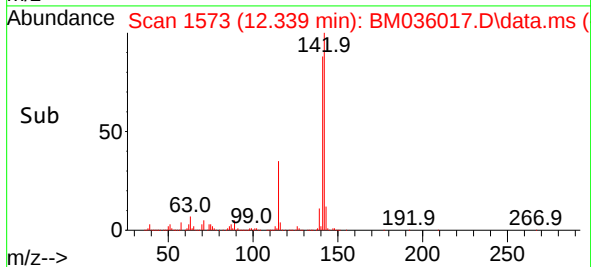
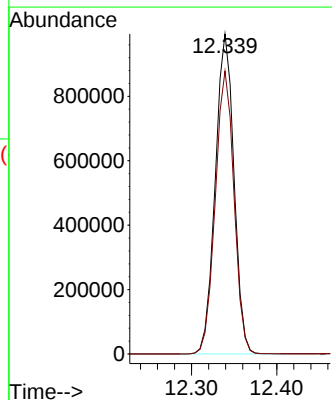
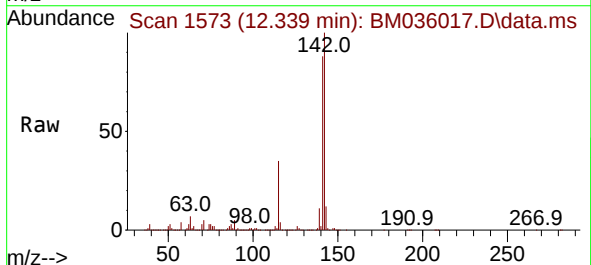
Instrument :
BNA_M
ClientSampleId :

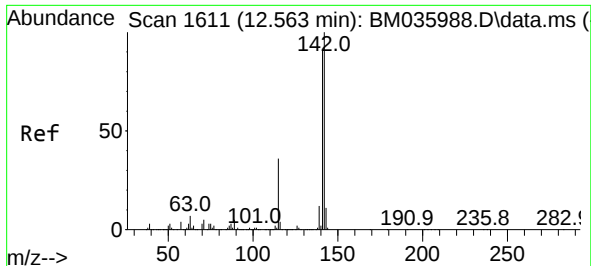
Tgt Ion:107 Resp: 577872
Ion Ratio Lower Upper
107 100
144 26.4 20.3 30.5
142 81.9 64.4 96.6



#36
2-Methylnaphthalene
Concen: 28.901 ng/ul
RT: 12.339 min Scan# 1573
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:142 Resp: 1512323
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1





#37

1-Methylnaphthalene

Concen: 29.208 ng/ul

RT: 12.557 min Scan# 1

Delta R.T. -0.006 min

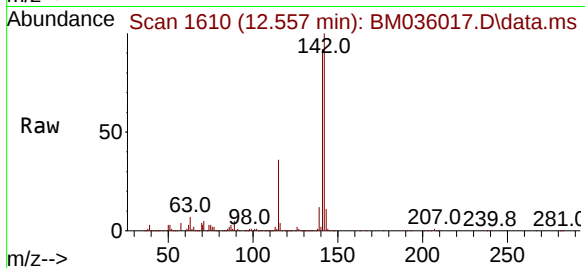
Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :



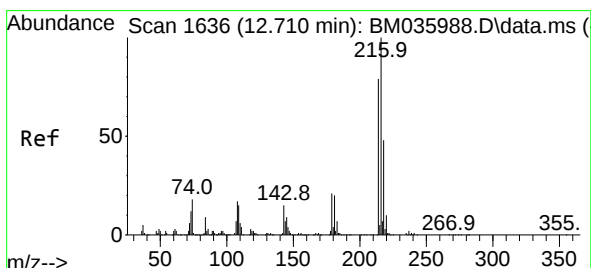
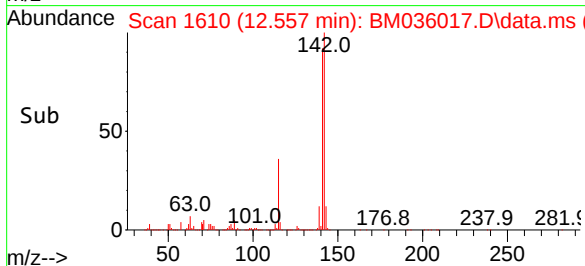
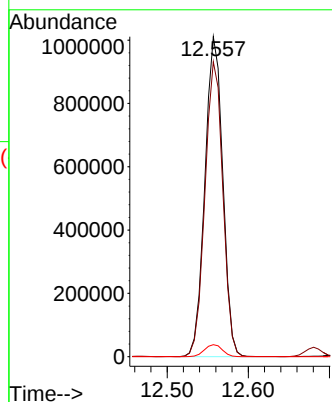
Tgt Ion:142 Resp: 1540552

Ion Ratio Lower Upper

142 100

141 92.2 75.2 112.8

116 3.8 2.6 3.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.768 ng/ul

RT: 12.704 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Tgt Ion:216 Resp: 727018

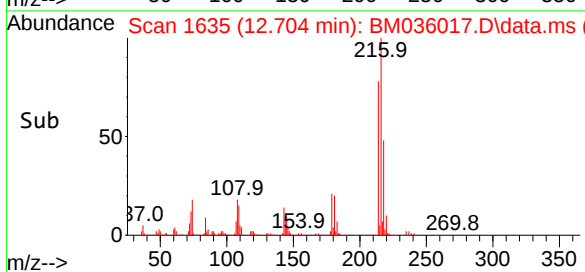
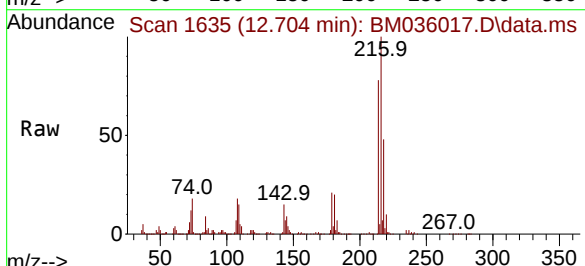
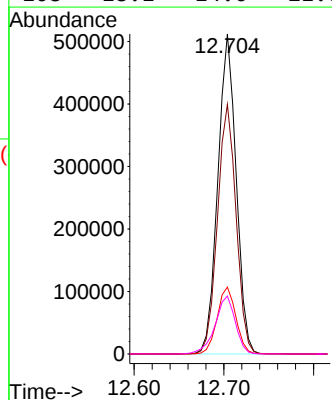
Ion Ratio Lower Upper

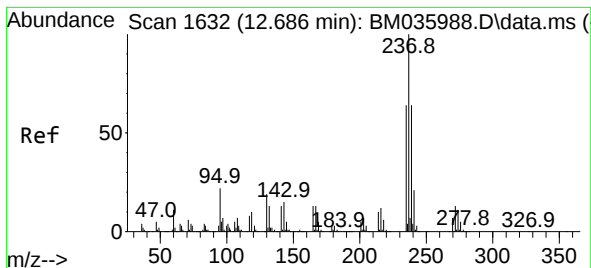
216 100

214 78.0 62.4 93.6

179 20.9 17.3 25.9

108 18.1 14.0 21.0





#40

Hexachlorocyclopentadiene

Concen: 19.773 ng/ul

RT: 12.680 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

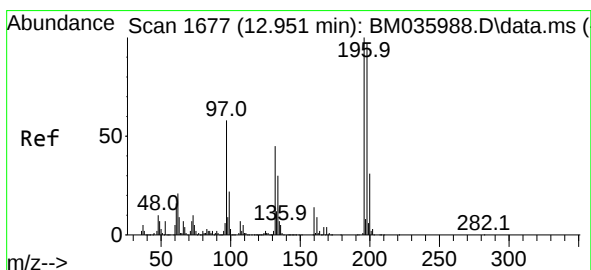
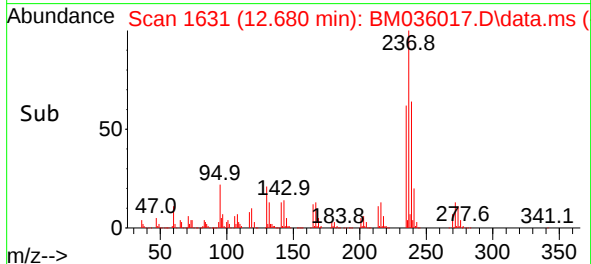
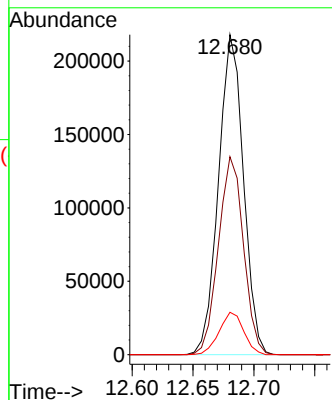
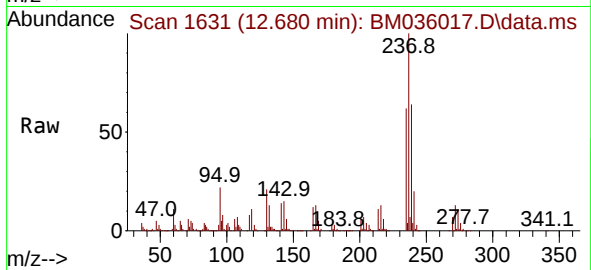
Tgt Ion:237 Resp: 311178

Ion Ratio Lower Upper

237 100

235 61.9 48.4 72.6

272 13.3 11.6 17.4



#41

2,4,6-Trichlorophenol

Concen: 33.859 ng/ul

RT: 12.945 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

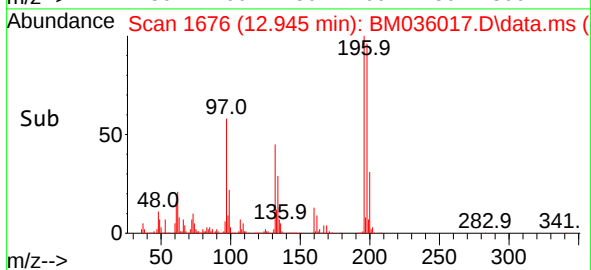
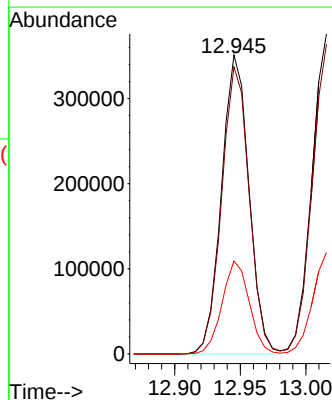
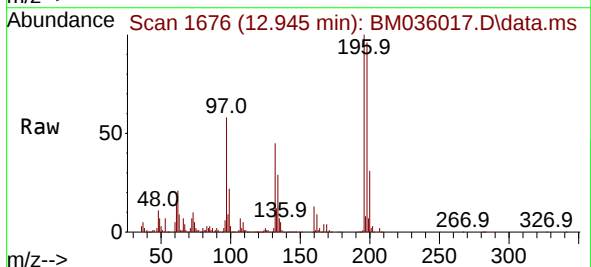
Tgt Ion:196 Resp: 511992

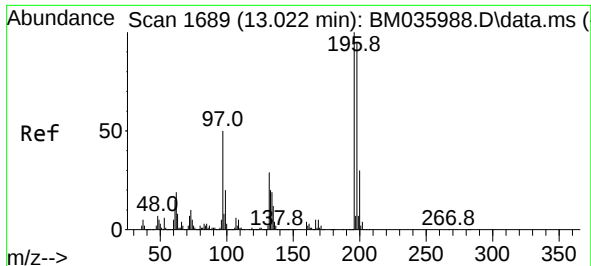
Ion Ratio Lower Upper

196 100

198 96.0 77.8 116.6

200 31.1 25.0 37.6

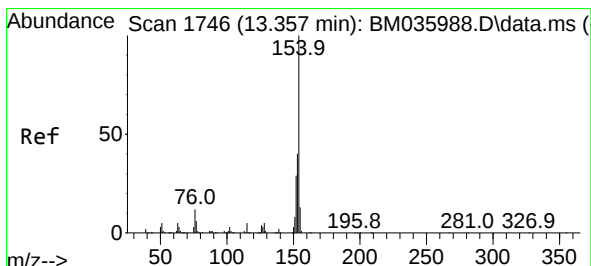
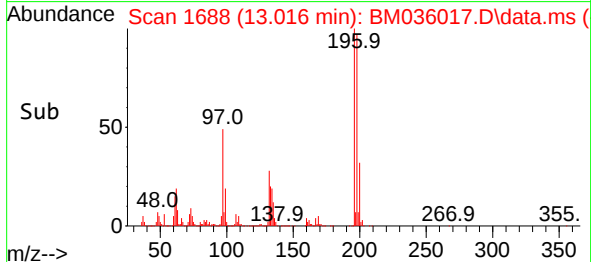
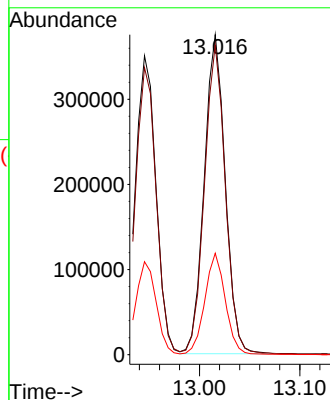
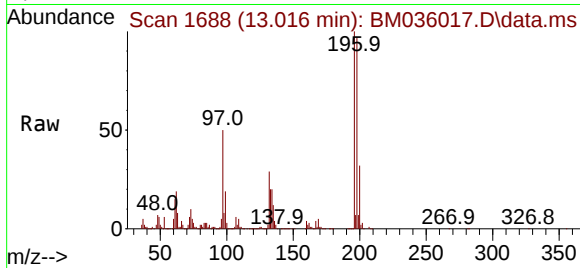




#42
2,4,5-Trichlorophenol
Concen: 33.912 ng/ul
RT: 13.016 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

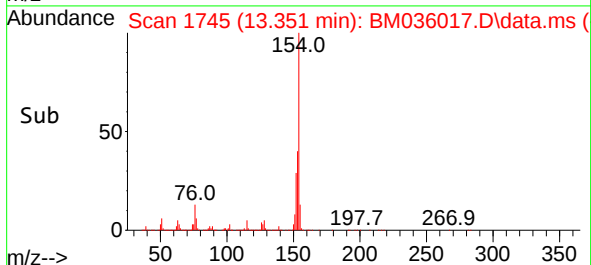
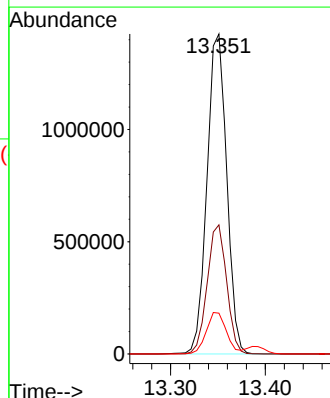
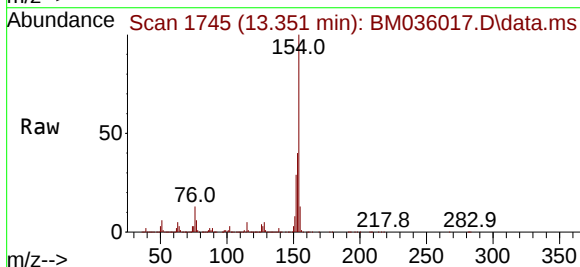
Instrument :
BNA_M
ClientSampleId :

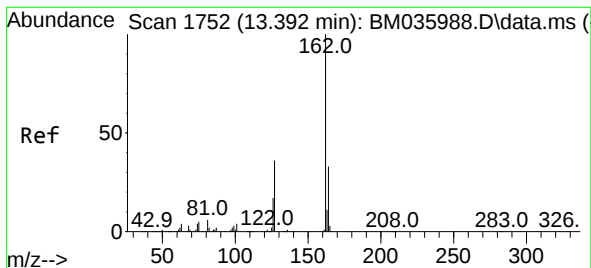
Tgt Ion:196 Resp: 547165
Ion Ratio Lower Upper
196 100
198 96.8 76.8 115.2
200 31.7 24.9 37.3



#43
1,1'-Biphenyl
Concen: 32.149 ng/ul
RT: 13.351 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:154 Resp: 2054059
Ion Ratio Lower Upper
154 100
153 40.4 32.4 48.6
76 12.8 10.1 15.1





#44

2-Chloronaphthalene

Concen: 31.855 ng/ul

RT: 13.392 min Scan# 1

Delta R.T. 0.000 min

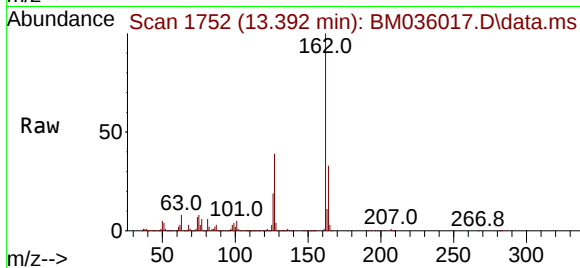
Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :



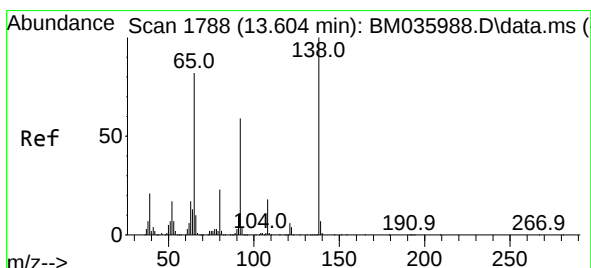
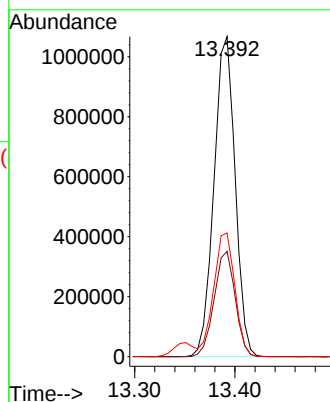
Tgt Ion:162 Resp: 1561975

Ion Ratio Lower Upper

162 100

164 32.9 25.4 38.0

127 38.7 31.6 47.4



#45

2-Nitroaniline

Concen: 35.007 ng/ul

RT: 13.598 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

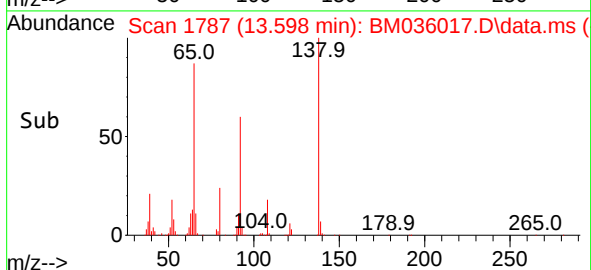
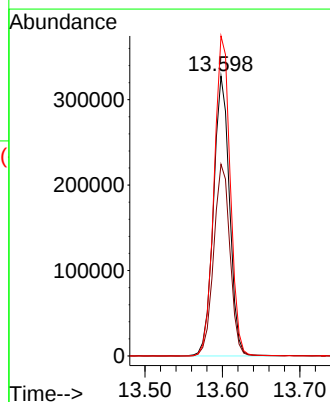
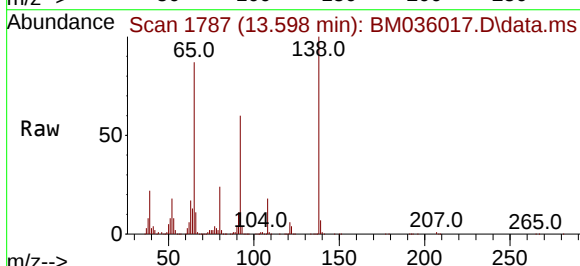
Tgt Ion: 65 Resp: 473225

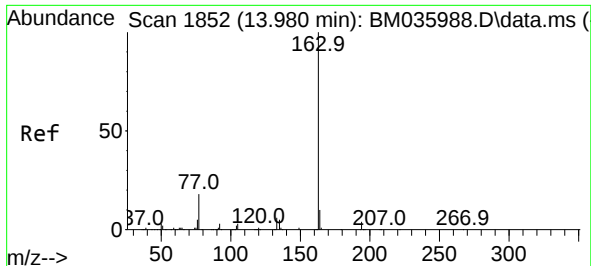
Ion Ratio Lower Upper

65 100

92 68.5 54.5 81.7

138 114.4 91.2 136.8

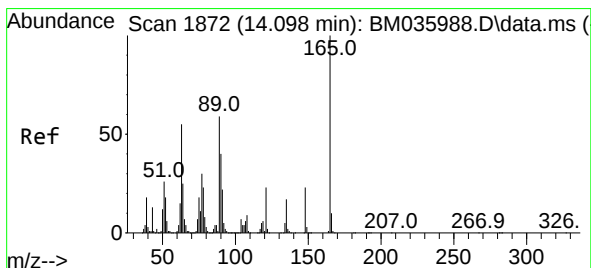
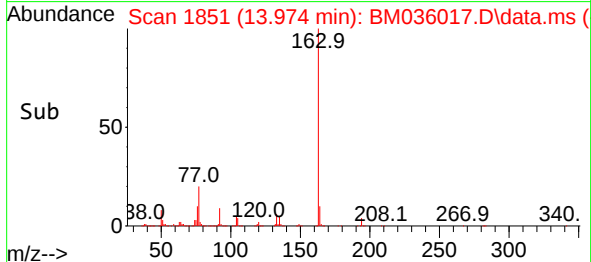
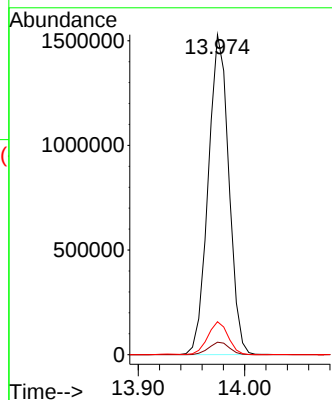
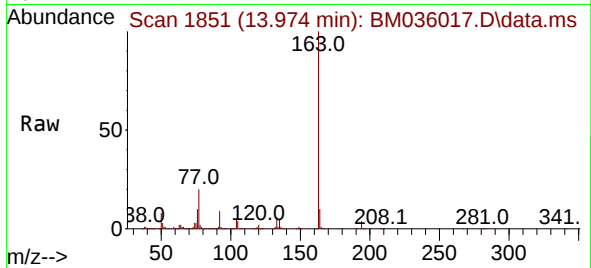




#47
Dimethylphthalate
Concen: 36.164 ng/ul
RT: 13.974 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

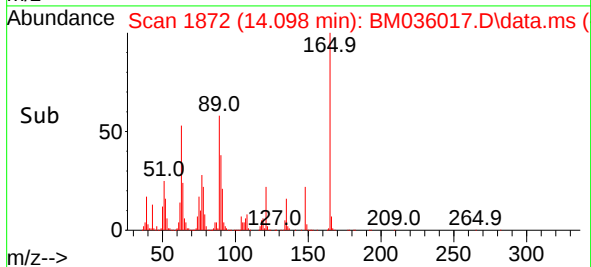
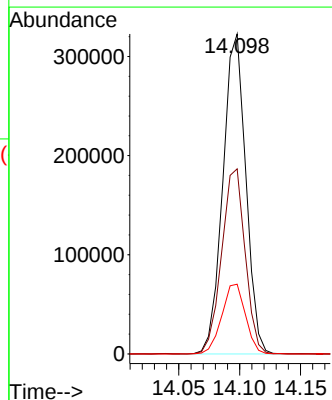
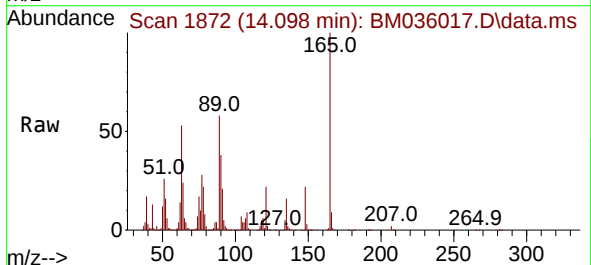
Instrument :
BNA_M
ClientSampleId :

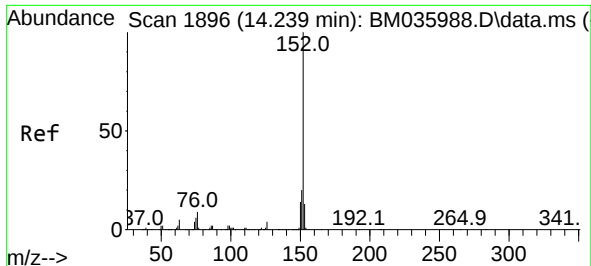
Tgt Ion:163 Resp: 2056825
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 37.544 ng/ul
RT: 14.098 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:165 Resp: 423949
Ion Ratio Lower Upper
165 100
89 57.9 42.5 63.7
121 21.8 17.2 25.8

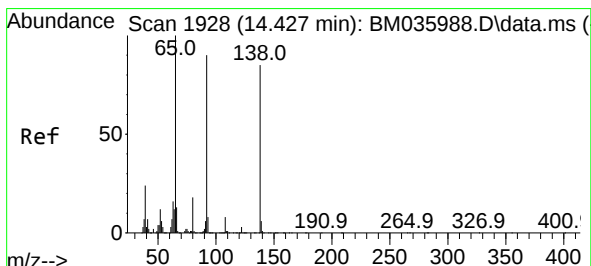
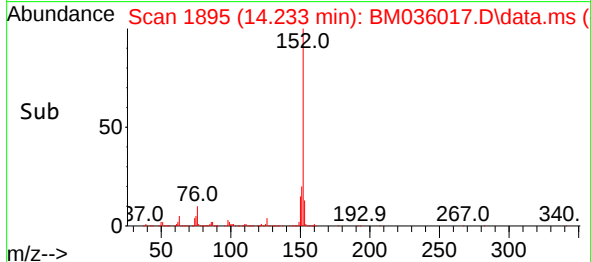
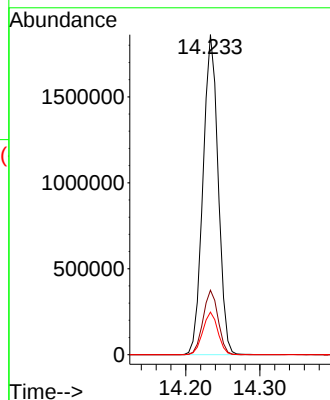
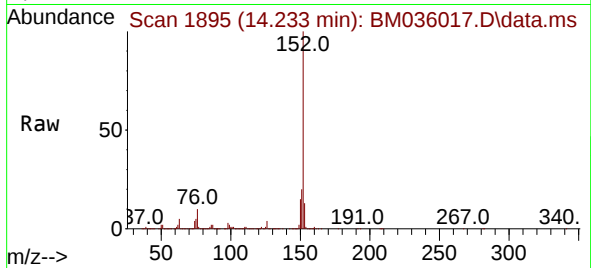




#50
Acenaphthylene
Concen: 33.099 ng/ul
RT: 14.233 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

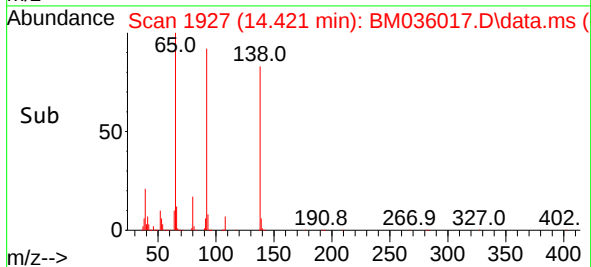
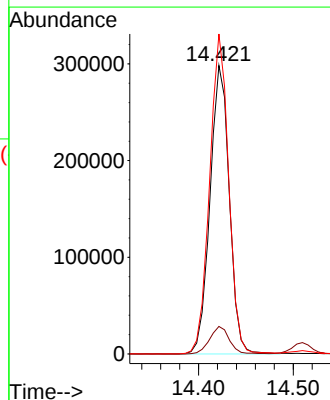
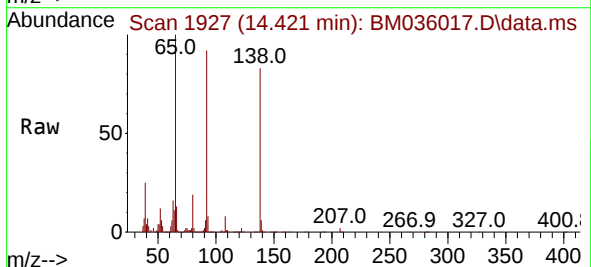
Instrument :
BNA_M
ClientSampleId :

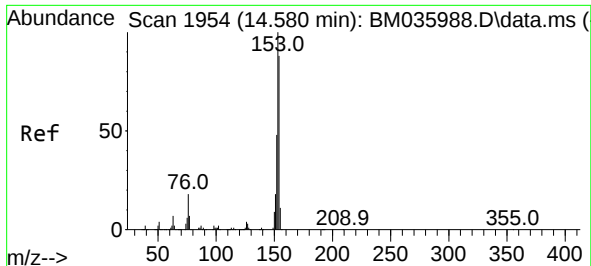
Tgt Ion:152 Resp: 2641494
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.3 10.6 15.8



#51
3-Nitroaniline
Concen: 33.801 ng/ul
RT: 14.421 min Scan# 1927
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:138 Resp: 421811
Ion Ratio Lower Upper
138 100
108 9.5 8.1 12.1
92 110.9 90.4 135.6

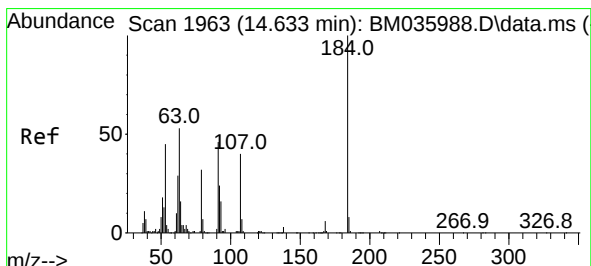
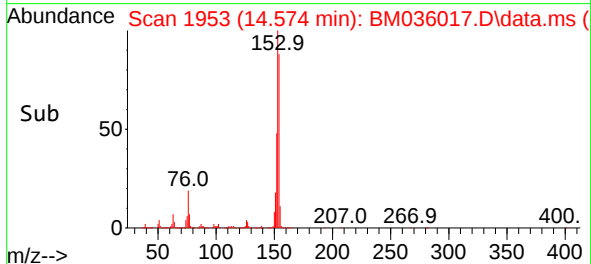
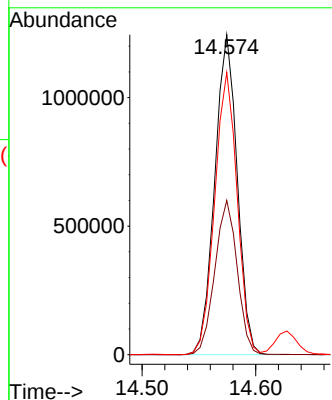
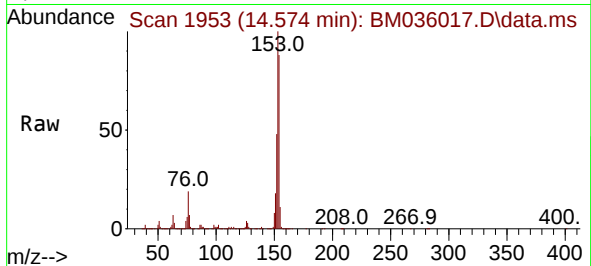




#52
Acenaphthene
Concen: 33.047 ng/ul
RT: 14.574 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

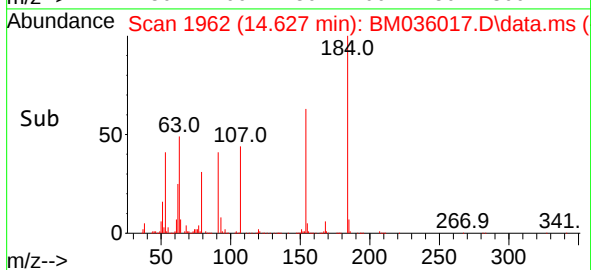
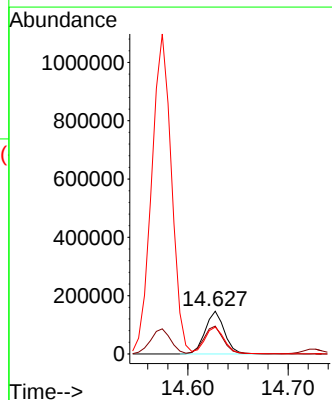
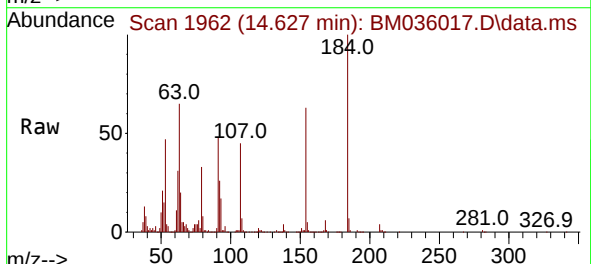
Instrument :
BNA_M
ClientSampleId :

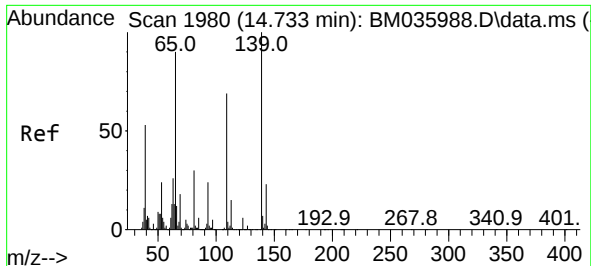
Tgt Ion:153 Resp: 1711006
Ion Ratio Lower Upper
153 100
152 48.2 37.1 55.7
154 88.2 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 30.573 ng/ul
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:184 Resp: 196012
Ion Ratio Lower Upper
184 100
63 65.2 54.2 81.4
154 62.9 49.3 73.9

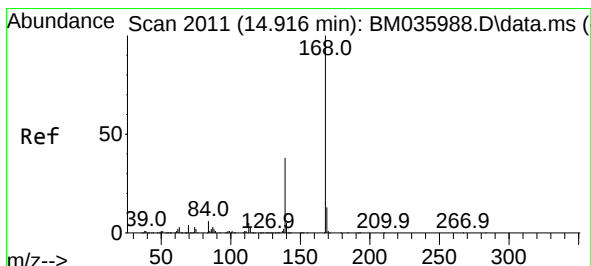
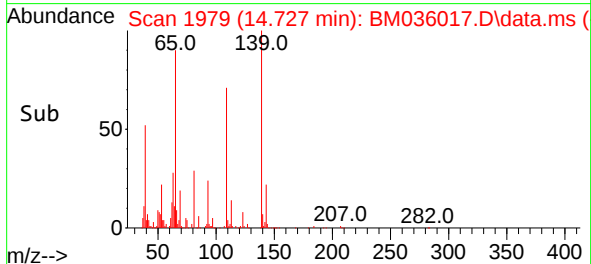
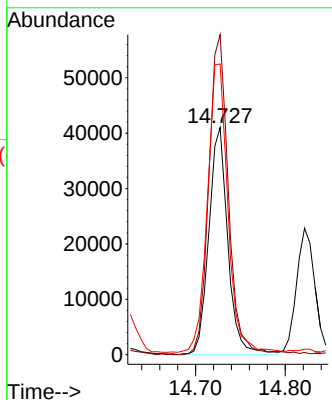
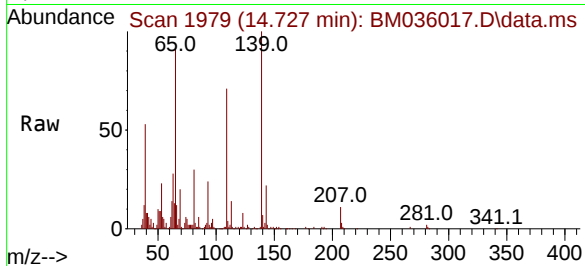




#55
4-Nitrophenol
Concen: 6.816 ng/ul
RT: 14.727 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

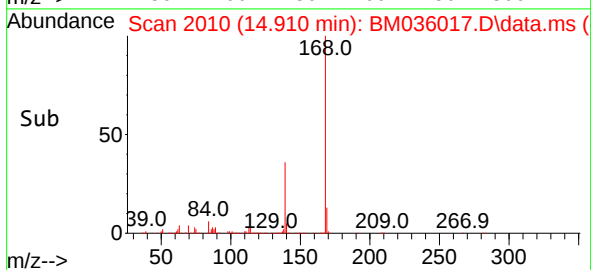
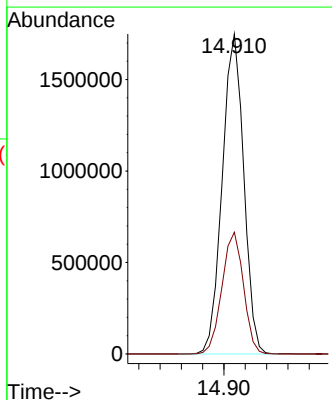
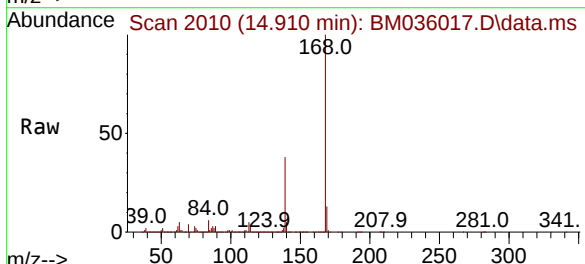
Instrument :
BNA_M
ClientSampleId :

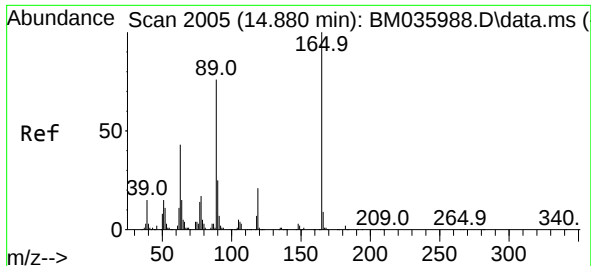
Tgt Ion:109 Resp: 60526
Ion Ratio Lower Upper
109 100
139 140.8 124.9 187.3
65 127.9 122.2 183.4



#56
Dibenzofuran
Concen: 34.137 ng/ul
RT: 14.910 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:168 Resp: 2445505
Ion Ratio Lower Upper
168 100
139 38.1 30.1 45.1





#57

2,4-Dinitrotoluene

Concen: 38.191 ng/ul

RT: 14.880 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

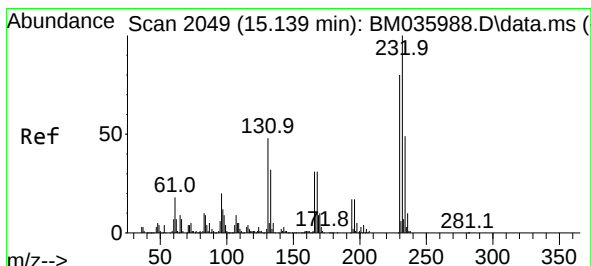
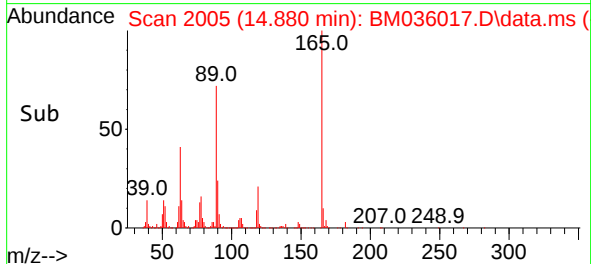
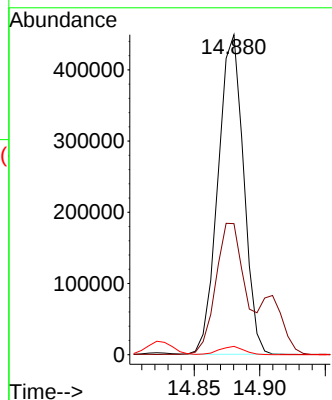
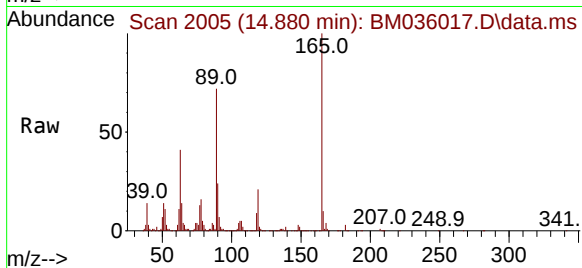
Tgt Ion:165 Resp: 607896

Ion Ratio Lower Upper

165 100

63 41.0 35.9 53.9

182 2.6 2.5 3.7



#58

2,3,4,6-Tetrachlorophenol

Concen: 36.860 ng/ul

RT: 15.133 min Scan# 2048

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Tgt Ion:232 Resp: 467272

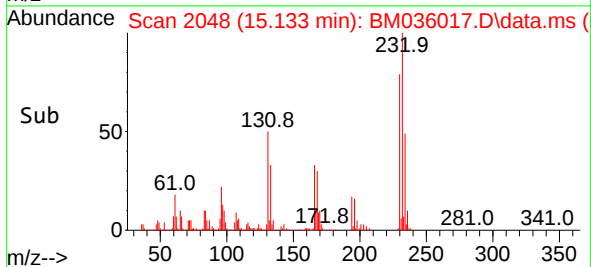
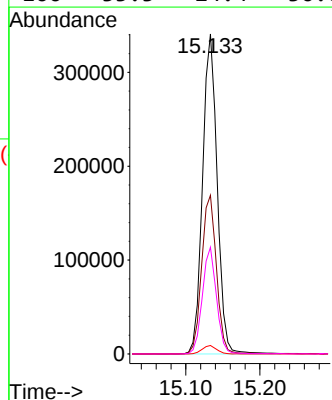
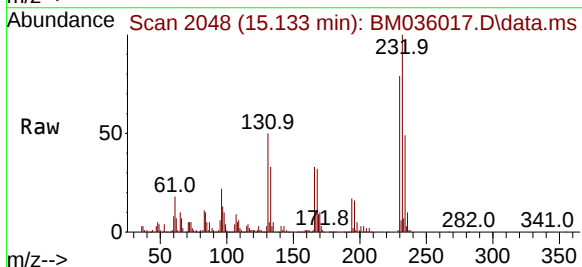
Ion Ratio Lower Upper

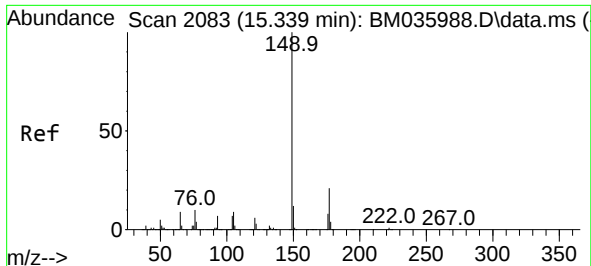
232 100

131 49.6 36.7 55.1

130 2.7 1.7 2.5#

166 33.3 24.4 36.6

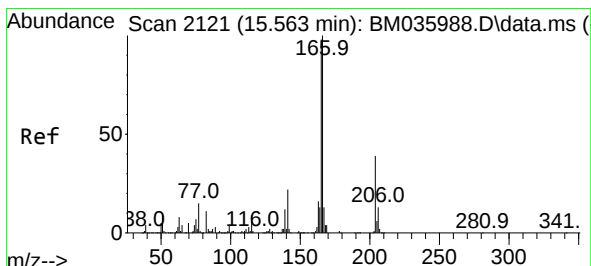
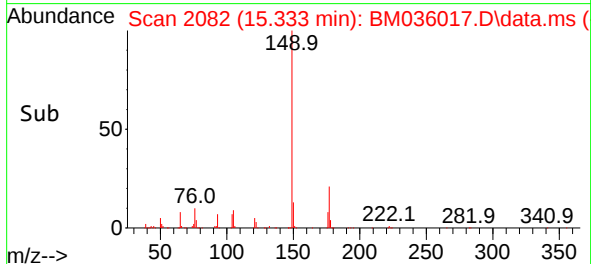
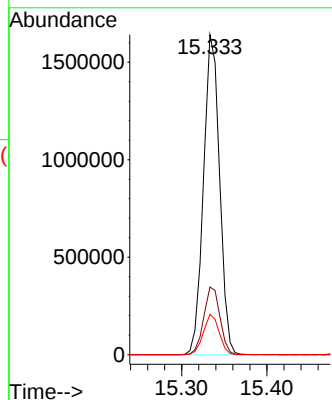
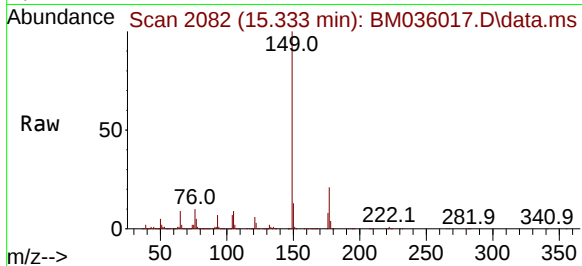




#59
Diethylphthalate
Concen: 37.378 ng/ul
RT: 15.333 min Scan# 210
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

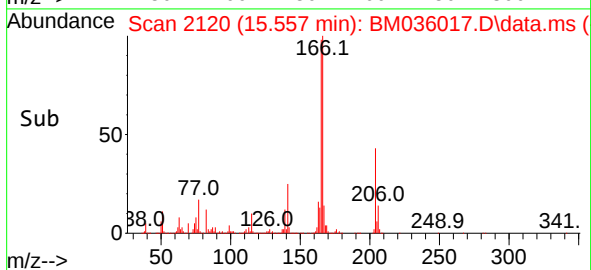
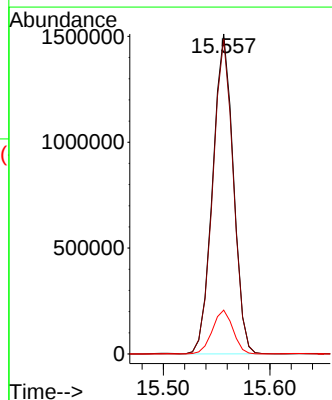
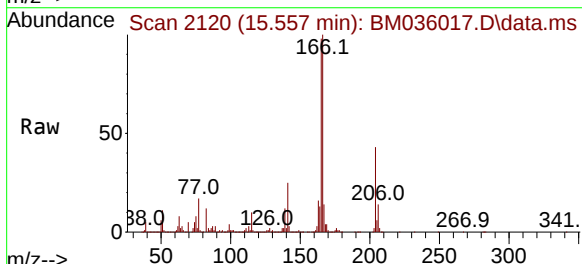
Instrument :
BNA_M
ClientSampleId :

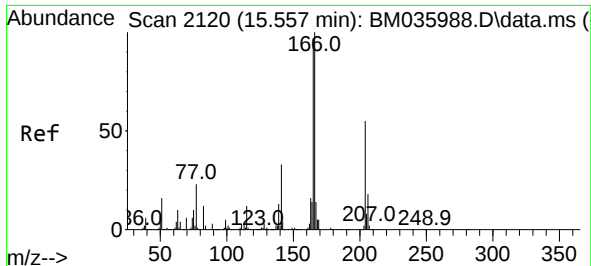
Tgt Ion:149 Resp: 2150353
Ion Ratio Lower Upper
149 100
177 21.2 16.8 25.2
150 12.6 10.2 15.4



#61
Fluorene
Concen: 34.737 ng/ul
RT: 15.557 min Scan# 2120
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:166 Resp: 2032781
Ion Ratio Lower Upper
166 100
165 98.5 77.2 115.8
167 13.7 11.0 16.4

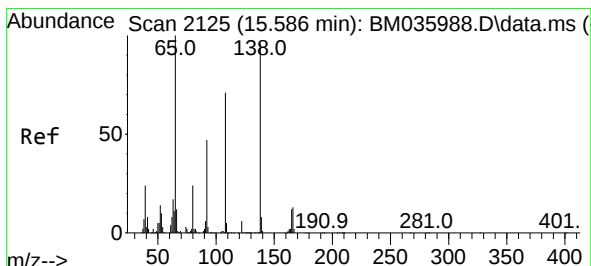
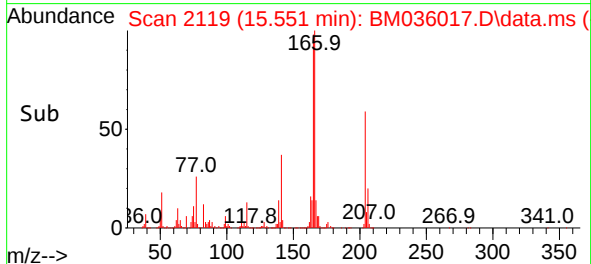
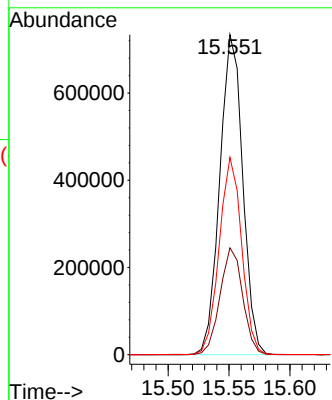
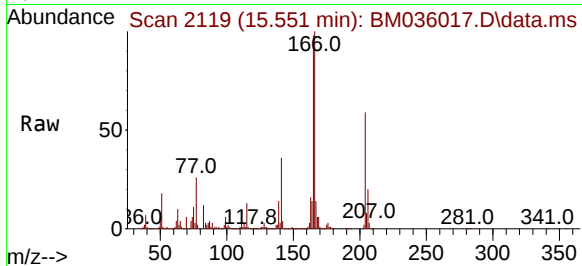




#62
4-Chlorophenyl-phenylether
Concen: 34.346 ng/ul
RT: 15.551 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

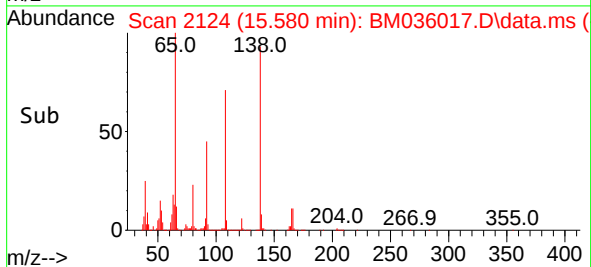
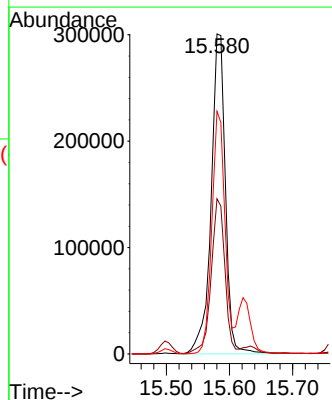
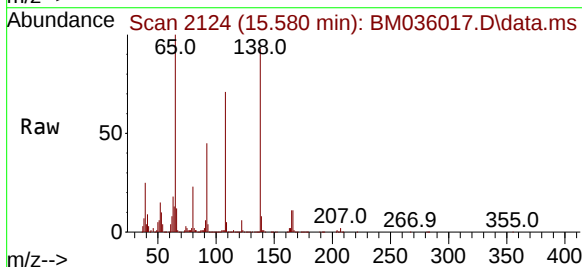
Instrument :
BNA_M
ClientSampleId :

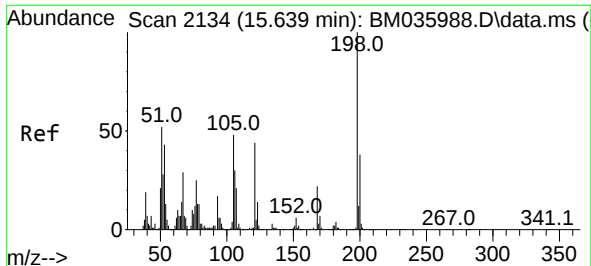
Tgt Ion:204 Resp: 963016
Ion Ratio Lower Upper
204 100
206 33.4 25.9 38.9
141 61.6 50.6 75.8



#63
4-Nitroaniline
Concen: 41.089 ng/ul
RT: 15.580 min Scan# 2124
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:138 Resp: 472068
Ion Ratio Lower Upper
138 100
92 48.5 39.2 58.8
108 75.8 51.6 77.4

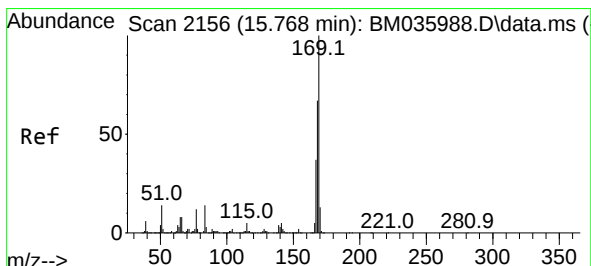
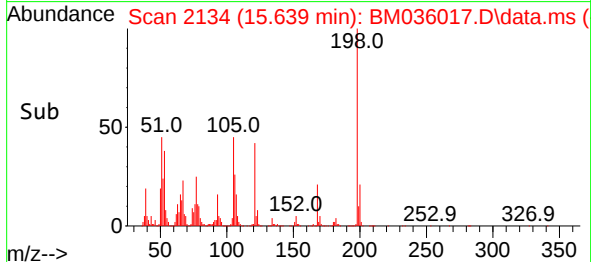
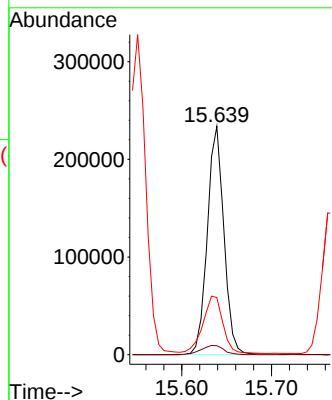
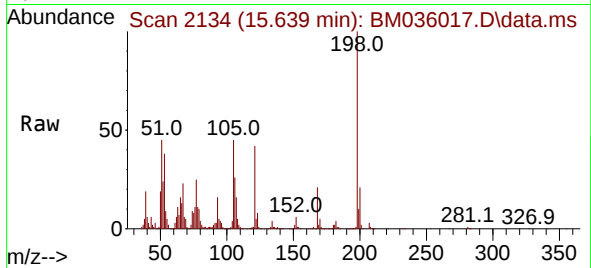




#66
 4,6-Dinitro-2-methylphenol
 Concen: 34.180 ng/ul
 RT: 15.639 min Scan# 2134
 Delta R.T. 0.000 min
 Lab File: BM036017.D
 Acq: 30 Jul 2022 06:37

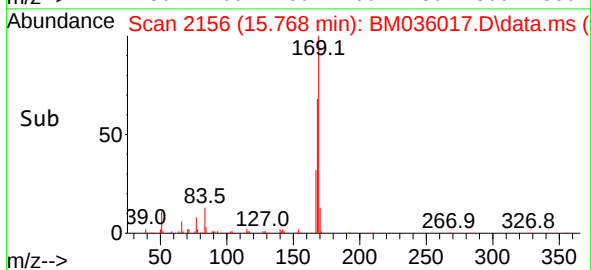
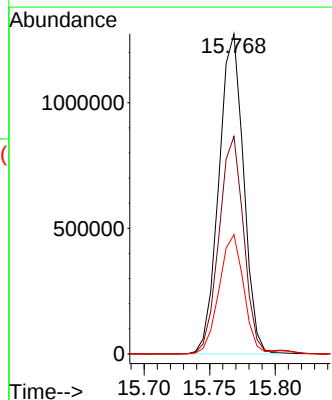
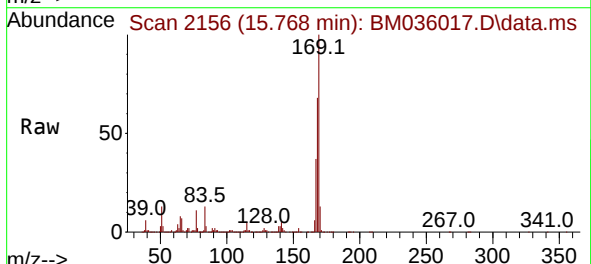
Instrument :
 BNA_M
 ClientSampleId :

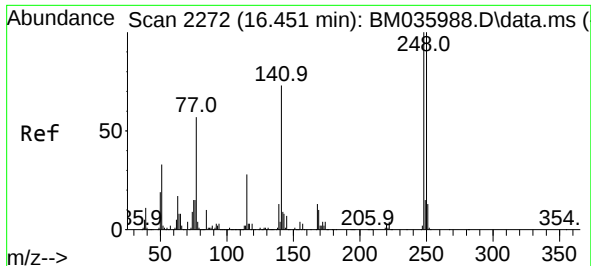
Tgt Ion:198 Resp: 299937
 Ion Ratio Lower Upper
 198 100
 182 4.0 4.2 6.4#
 77 25.1 19.9 29.9



#67
 N-Nitrosodiphenylamine
 Concen: 34.753 ng/ul
 RT: 15.768 min Scan# 2156
 Delta R.T. 0.000 min
 Lab File: BM036017.D
 Acq: 30 Jul 2022 06:37

Tgt Ion:169 Resp: 1666860
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.8 80.6
 167 37.3 28.7 43.1

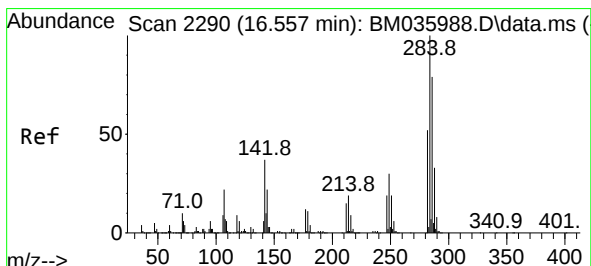
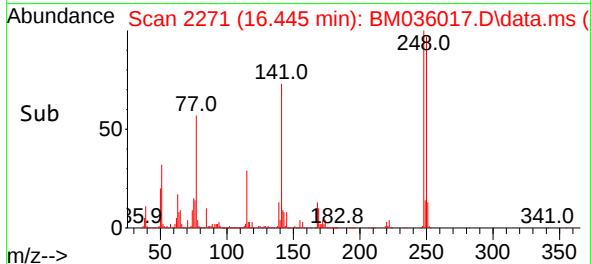
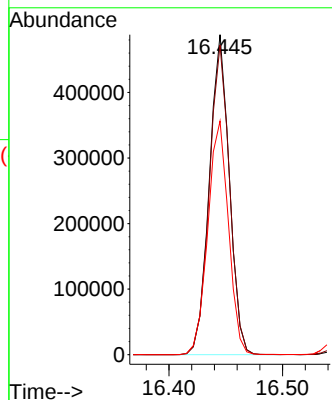
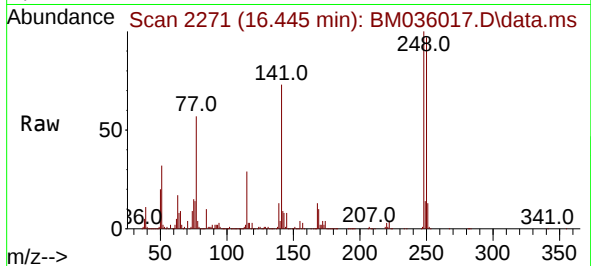




#68
4-Bromophenyl-phenylether
Concen: 37.226 ng/ul
RT: 16.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

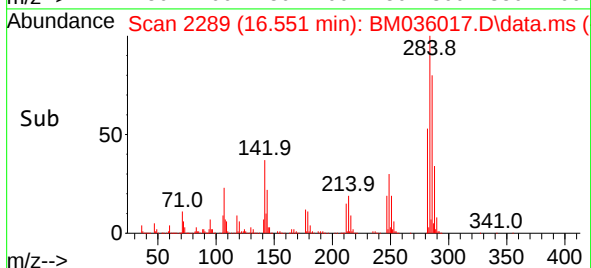
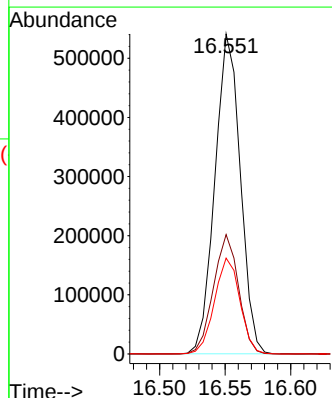
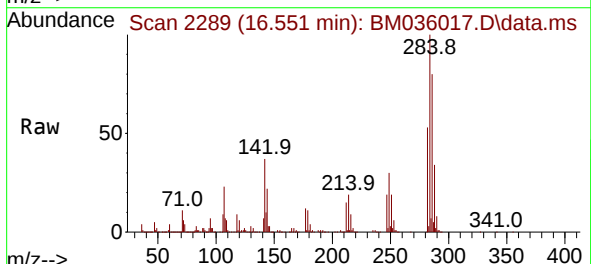
Instrument :
BNA_M
ClientSampleId :

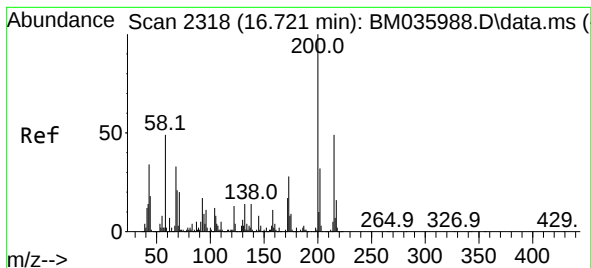
Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.3	115.9
141	73.0	59.8	89.8



#69
Hexachlorobenzene
Concen: 37.357 ng/ul
RT: 16.551 min Scan# 2289
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion	Ratio	Lower	Upper
284	100		
142	37.3	28.6	42.8
249	29.9	24.6	37.0





#70

Atrazine

Concen: 35.786 ng/ul

RT: 16.721 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

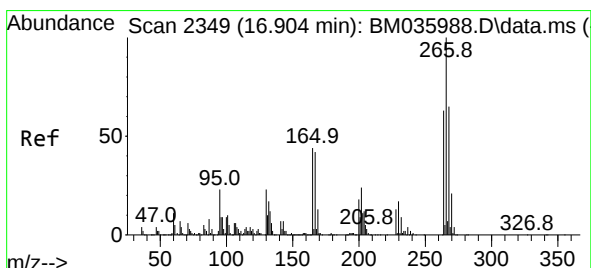
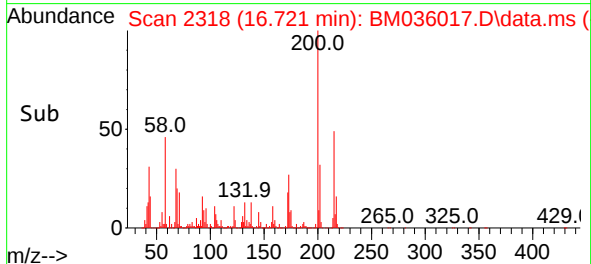
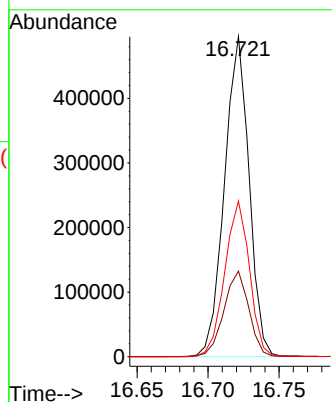
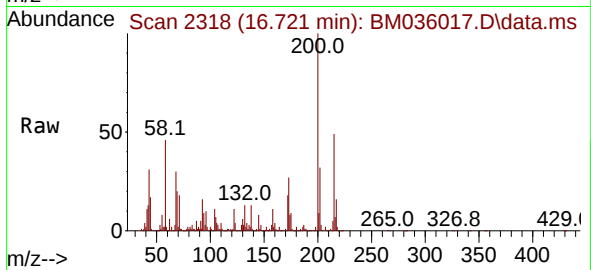
Tgt Ion:200 Resp: 595341

Ion Ratio Lower Upper

200 100

173 26.8 21.3 31.9

215 48.6 39.0 58.6



#71

Pentachlorophenol

Concen: 35.775 ng/ul

RT: 16.898 min Scan# 2348

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

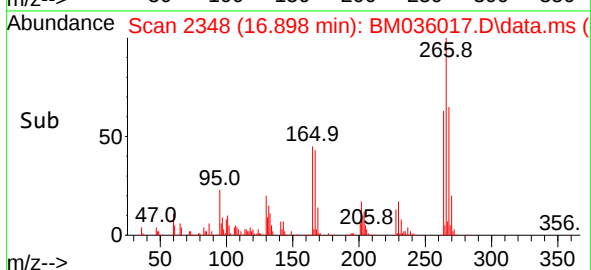
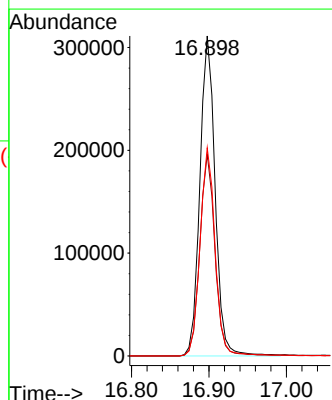
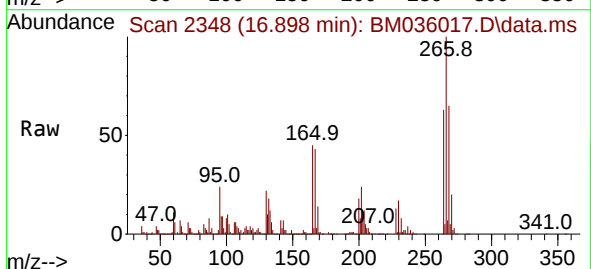
Tgt Ion:266 Resp: 425920

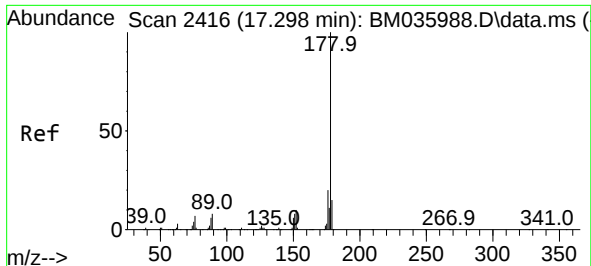
Ion Ratio Lower Upper

266 100

264 63.0 49.5 74.3

268 65.1 51.0 76.4

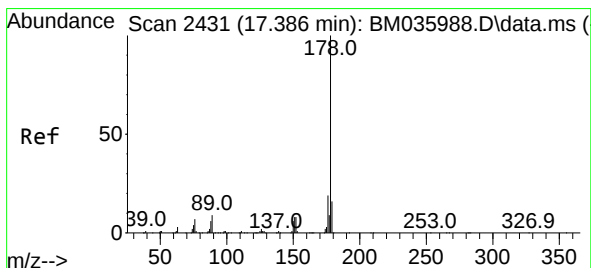
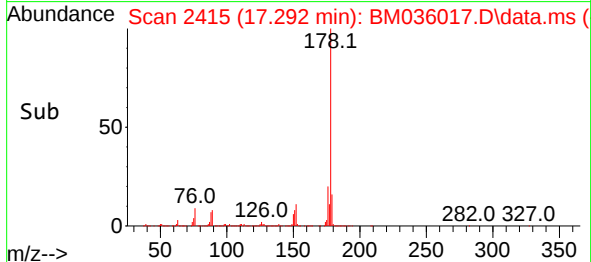
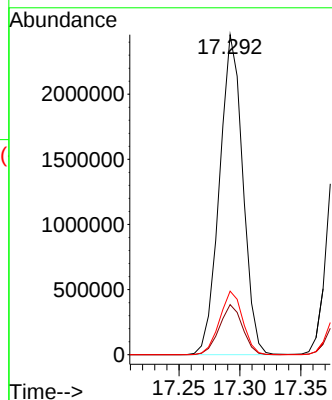
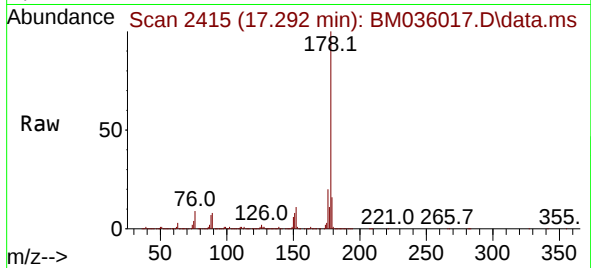




#72
Phenanthrene
Concen: 37.443 ng/ul
RT: 17.292 min Scan# 2416
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

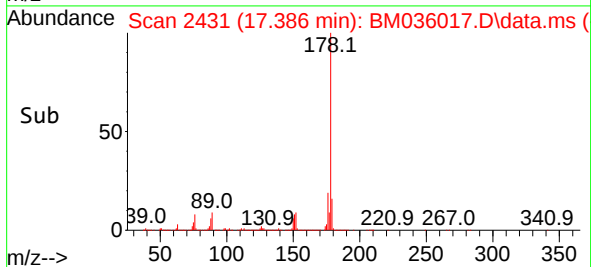
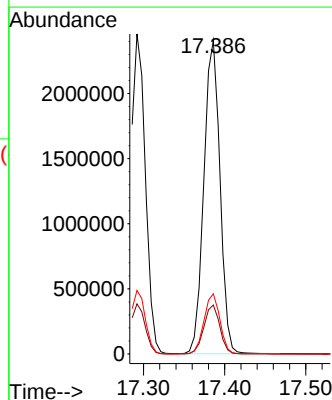
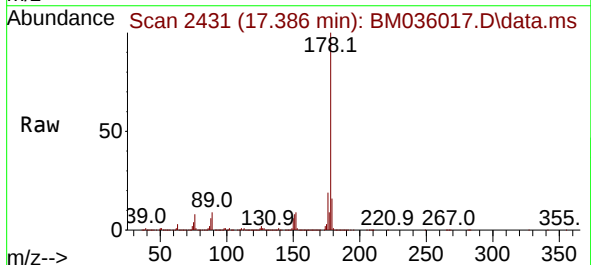
Instrument :
BNA_M
ClientSampleId :

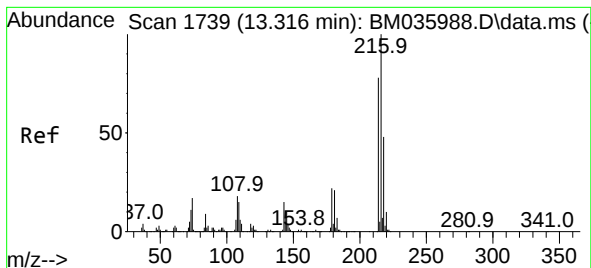
Tgt Ion:178 Resp: 3274090
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.9 14.9 22.3



#74
Anthracene
Concen: 37.749 ng/ul
RT: 17.386 min Scan# 2431
Delta R.T. 0.000 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:178 Resp: 3312169
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.2
176 19.2 14.4 21.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.720 ng/uL

RT: 13.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

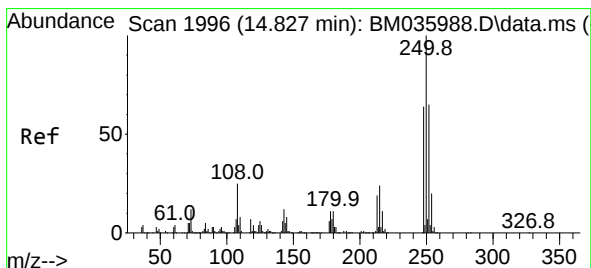
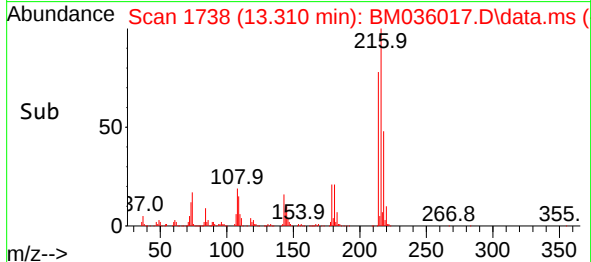
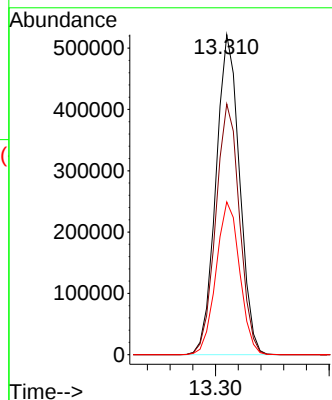
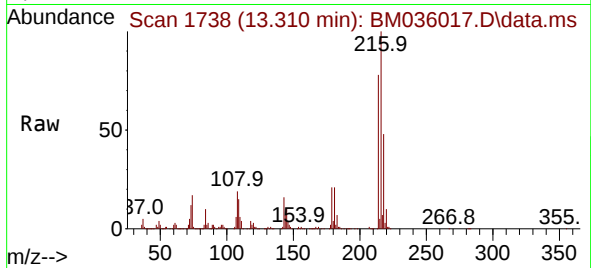
Tgt Ion:216 Resp: 754023

Ion Ratio Lower Upper

216 100

214 78.4 60.9 91.3

218 47.8 37.5 56.3



#76

Pentachlorobenzene

Concen: 34.662 ng/uL

RT: 14.827 min Scan# 1996

Delta R.T. 0.000 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

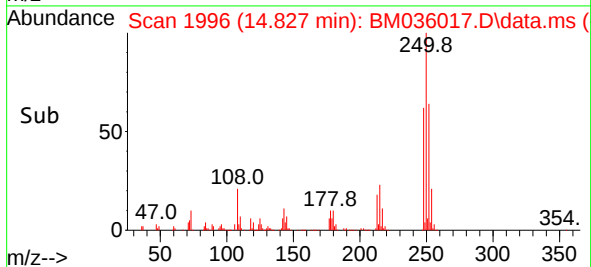
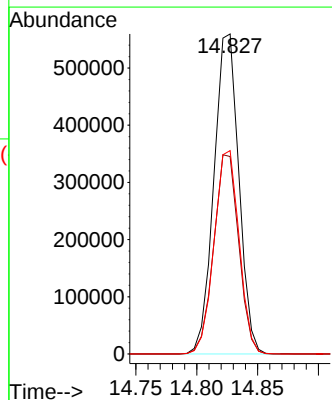
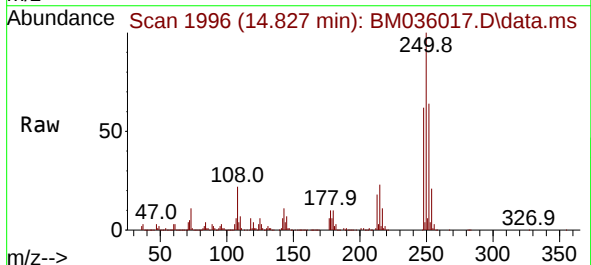
Tgt Ion:250 Resp: 797151

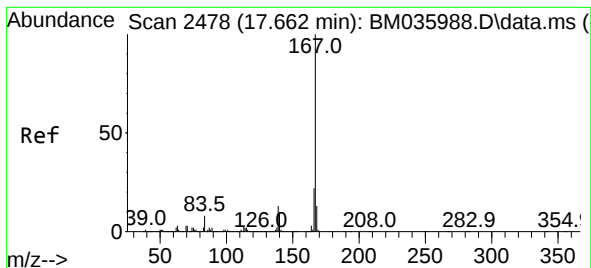
Ion Ratio Lower Upper

250 100

248 61.7 50.4 75.6

252 63.5 51.1 76.7





#77

Carbazole

Concen: 38.536 ng/ul

RT: 17.657 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

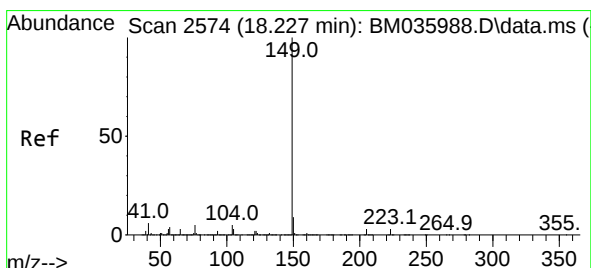
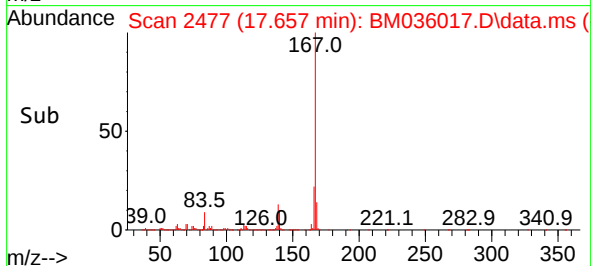
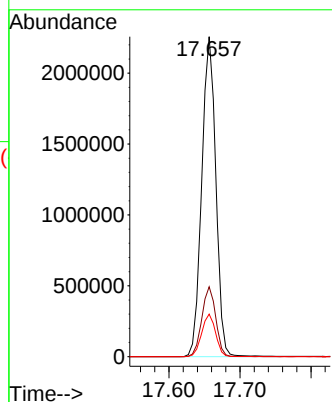
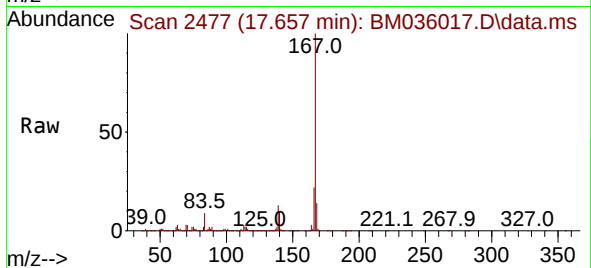
Tgt Ion:167 Resp: 3122956

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.0

139 13.3 10.1 15.1



#78

Di-n-butylphthalate

Concen: 41.955 ng/ul

RT: 18.221 min Scan# 2573

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

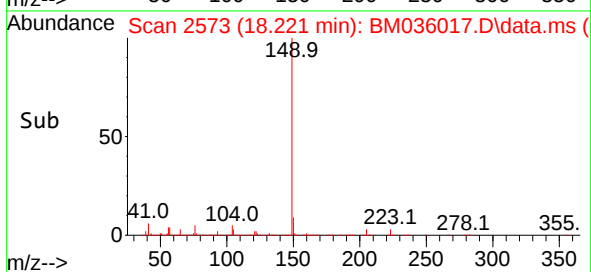
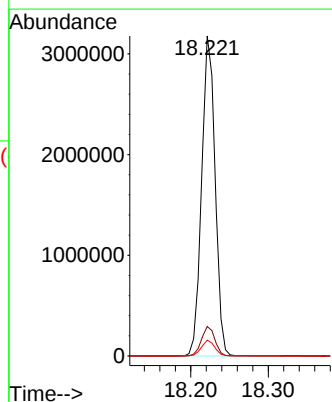
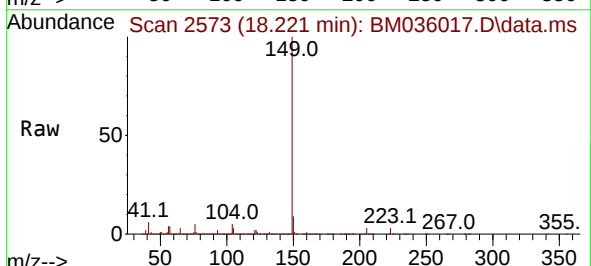
Tgt Ion:149 Resp: 3836145

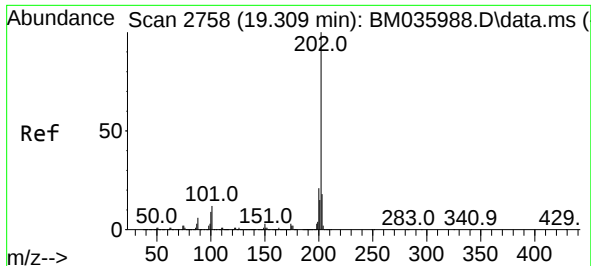
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.0 3.7 5.5

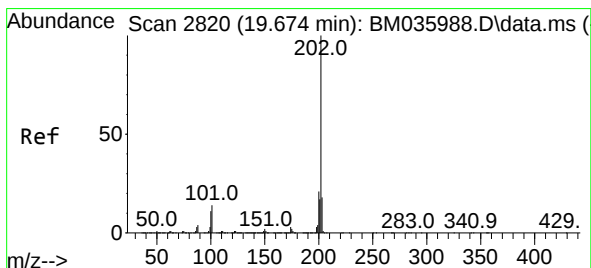
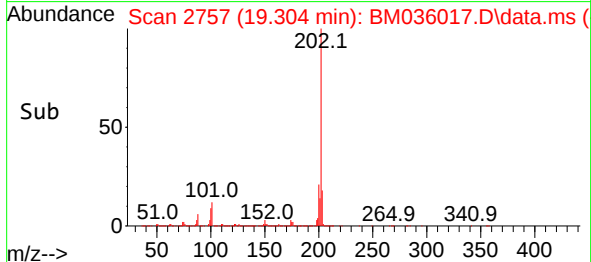
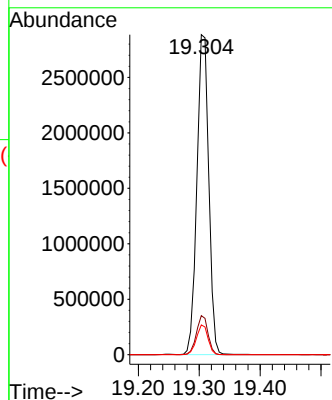
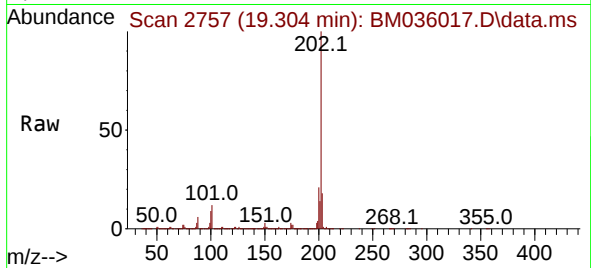




#80
Fluoranthene
Concen: 36.723 ng/ul
RT: 19.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

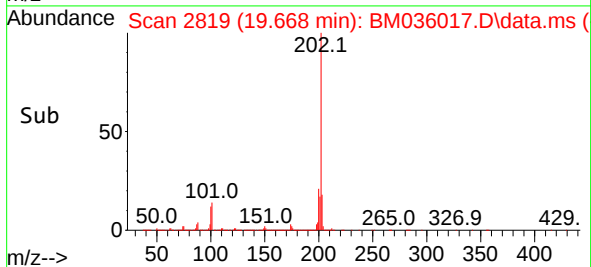
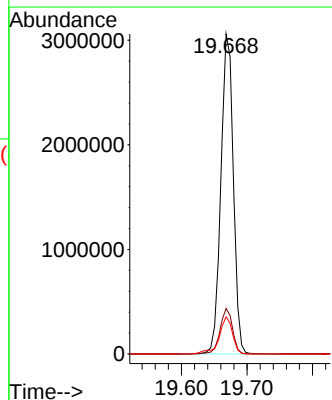
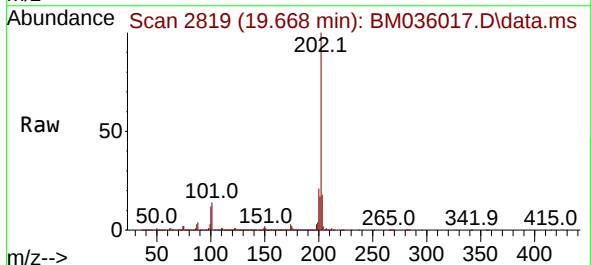
Instrument :
BNA_M
ClientSampleId :

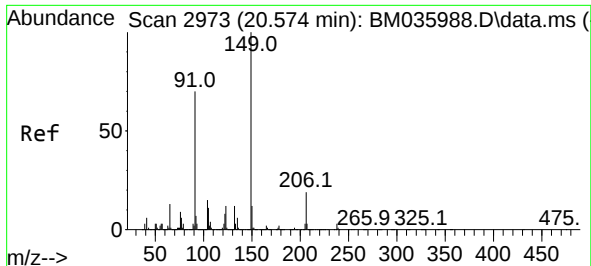
Tgt Ion:202 Resp: 3897886
Ion Ratio Lower Upper
202 100
101 12.2 10.1 15.1
100 9.3 7.8 11.6



#82
Pyrene
Concen: 36.625 ng/ul
RT: 19.668 min Scan# 2819
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:202 Resp: 4006937
Ion Ratio Lower Upper
202 100
101 14.2 11.9 17.9
100 11.6 10.2 15.4

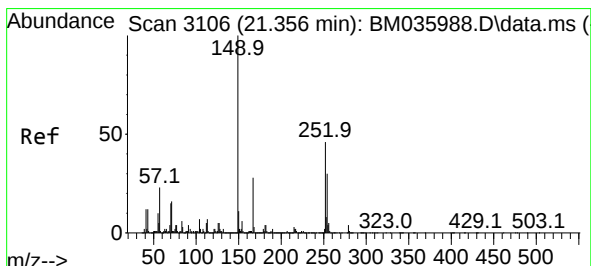
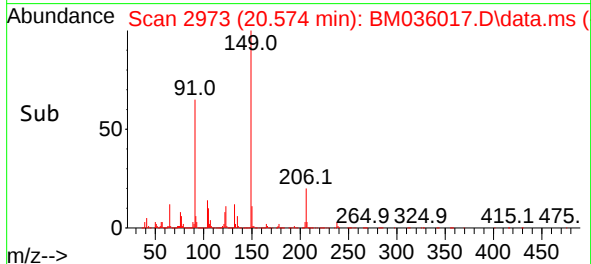
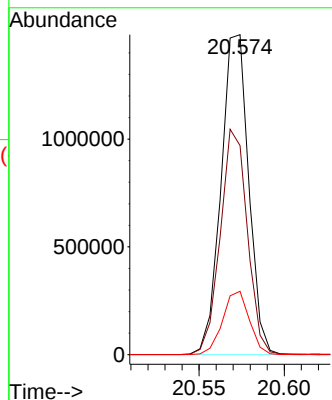
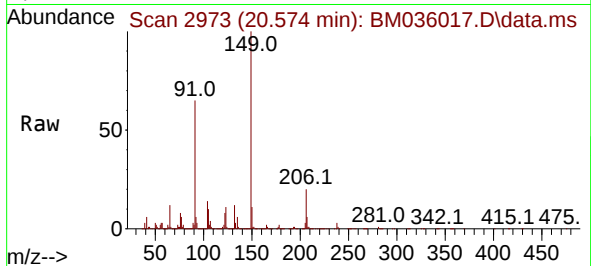




#83
Butylbenzylphthalate
Concen: 42.113 ng/ul
RT: 20.574 min Scan# 2973
Delta R.T. 0.000 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

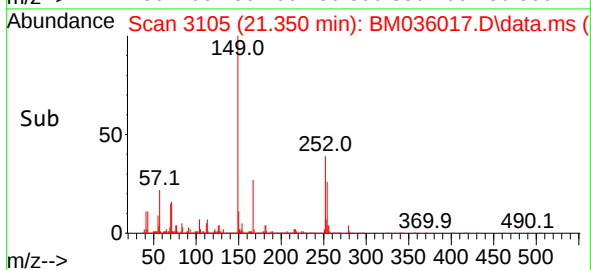
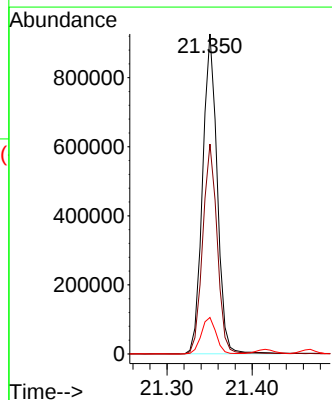
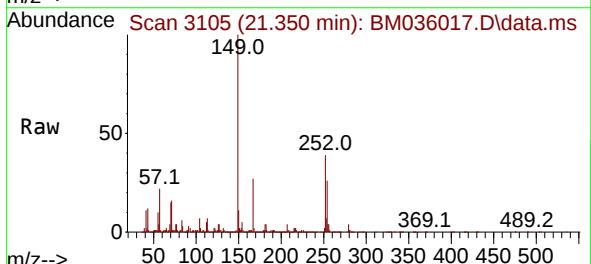
Instrument :
BNA_M
ClientSampleId :

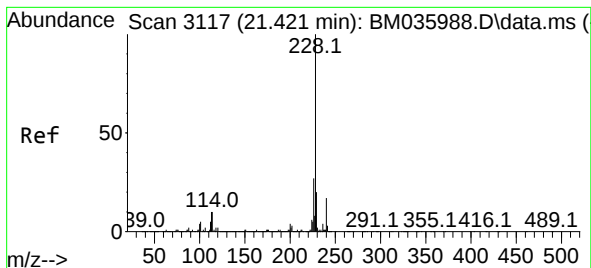
Tgt Ion:149 Resp: 1675695
Ion Ratio Lower Upper
149 100
91 65.3 53.2 79.8
206 19.8 16.0 24.0



#84
3,3'-Dichlorobenzidine
Concen: 37.261 ng/ul
RT: 21.350 min Scan# 3105
Delta R.T. -0.006 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:252 Resp: 1102166
Ion Ratio Lower Upper
252 100
254 65.6 52.4 78.6
126 11.4 10.8 16.2





#85

Benzo(a)anthracene

Concen: 39.215 ng/ul

RT: 21.415 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

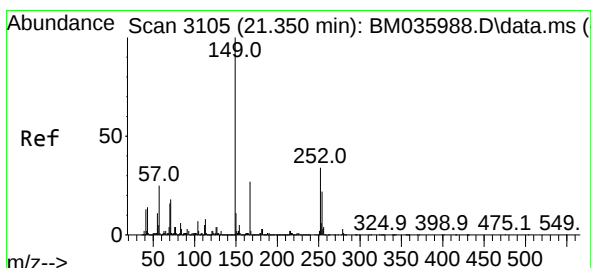
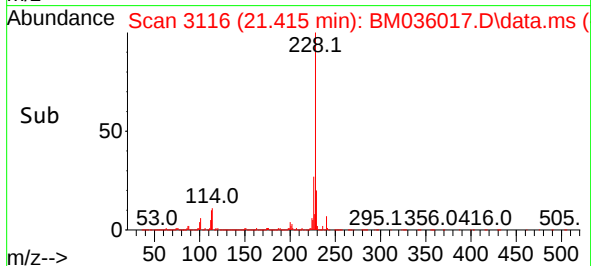
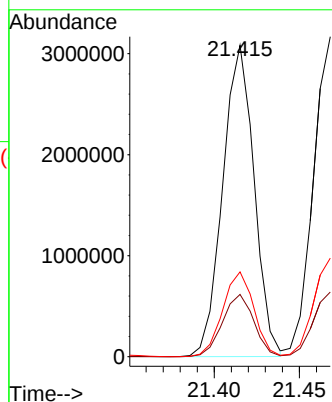
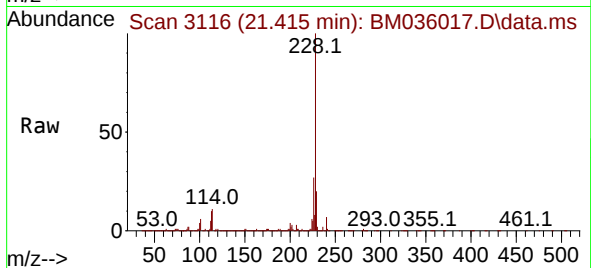
Tgt Ion:228 Resp: 3956455

Ion Ratio Lower Upper

228 100

229 20.0 15.6 23.4

226 27.2 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 43.743 ng/ul

RT: 21.350 min Scan# 3105

Delta R.T. 0.000 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

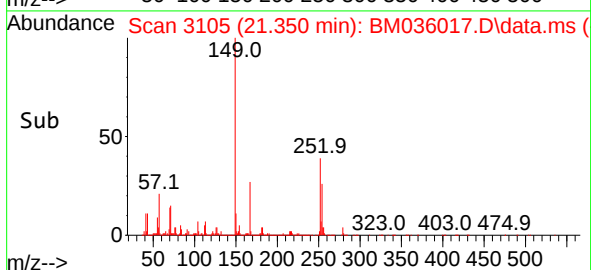
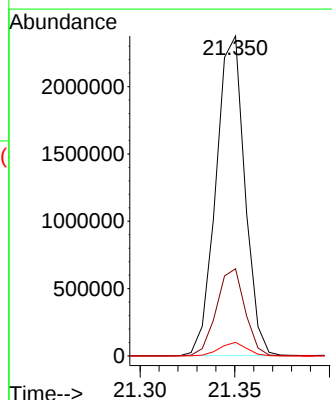
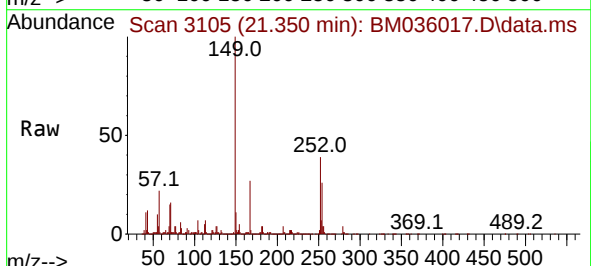
Tgt Ion:149 Resp: 2514999

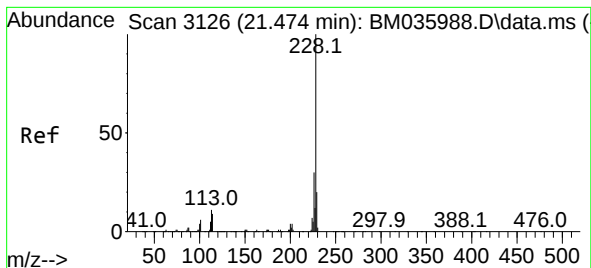
Ion Ratio Lower Upper

149 100

167 27.3 21.5 32.3

279 4.3 3.4 5.2





#87

Chrysene

Concen: 39.217 ng/ul

RT: 21.468 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

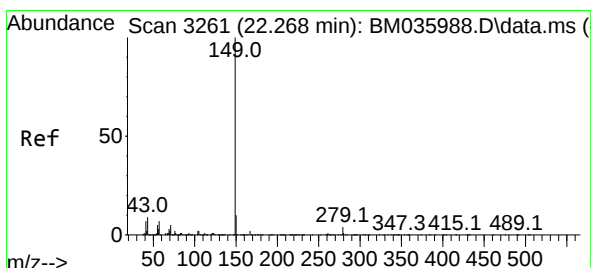
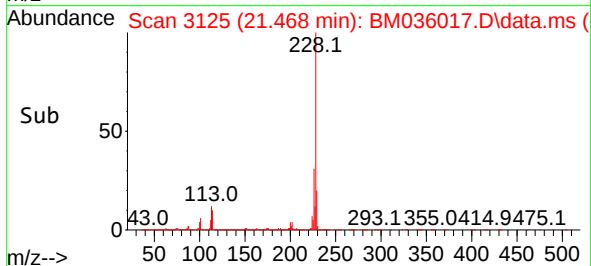
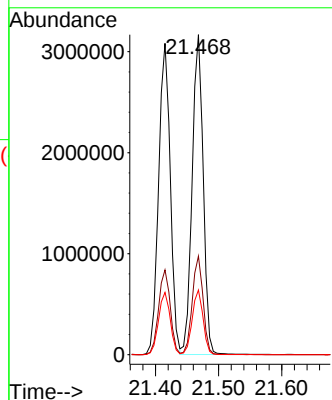
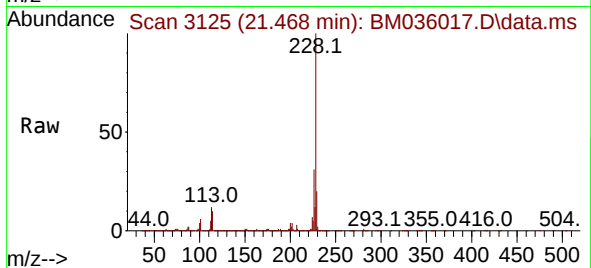
Tgt Ion:228 Resp: 3860544

Ion Ratio Lower Upper

228 100

226 30.8 23.7 35.5

229 20.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 39.172 ng/ul

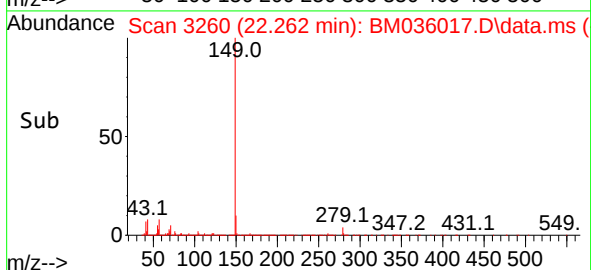
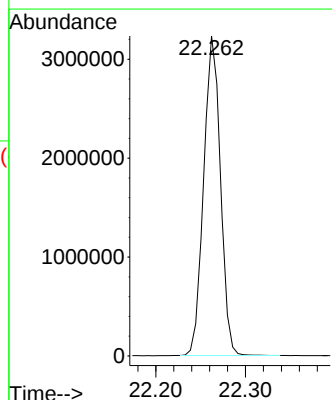
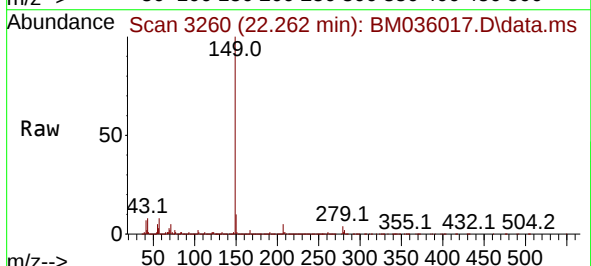
RT: 22.262 min Scan# 3260

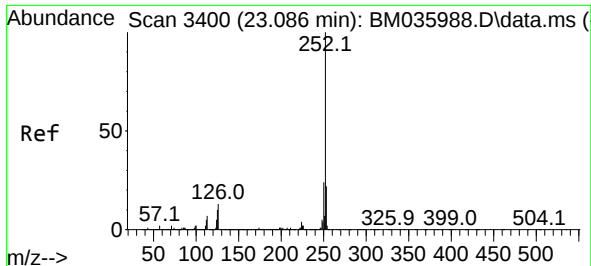
Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Tgt Ion:149 Resp: 4193432

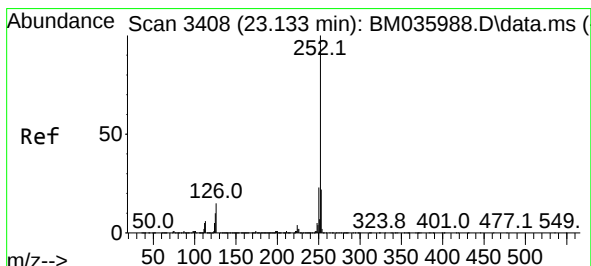
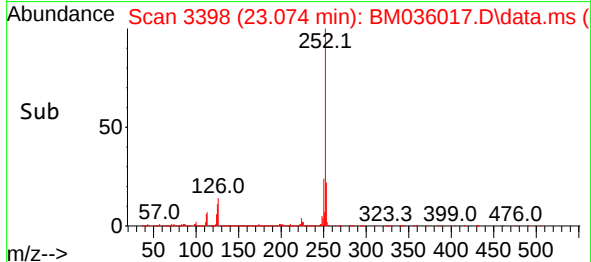
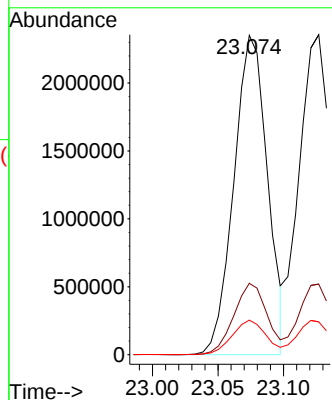
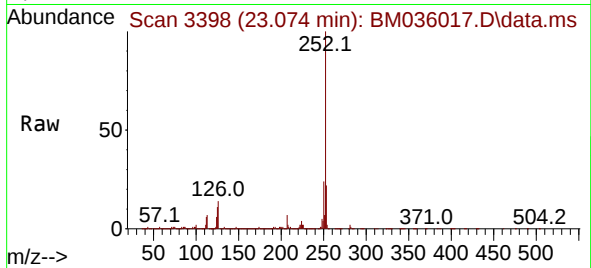




#90
Benzo(b)fluoranthene
Concen: 37.838 ng/ul
RT: 23.074 min Scan# 3398
Delta R.T. -0.012 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

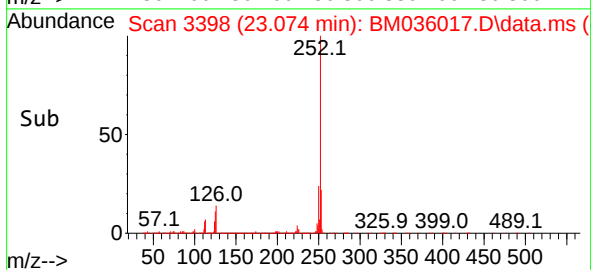
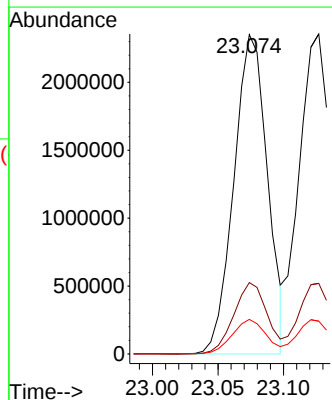
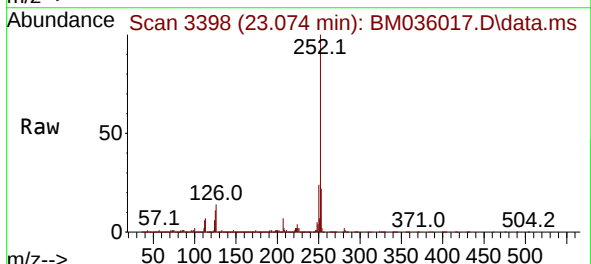
Instrument :
BNA_M
ClientSampleId :

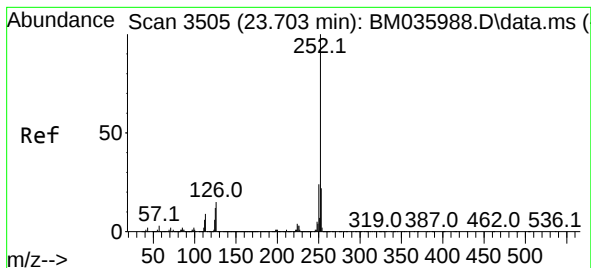
Tgt Ion:252 Resp: 4186134
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 10.8 10.7 16.1



#91
Benzo(k)fluoranthene
Concen: 39.874 ng/ul
RT: 23.074 min Scan# 3398
Delta R.T. -0.059 min
Lab File: BM036017.D
Acq: 30 Jul 2022 06:37

Tgt Ion:252 Resp: 4186134
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.0
125 10.8 10.6 15.8





#93

Benzo(a)pyrene

Concen: 38.288 ng/ul

RT: 23.697 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :

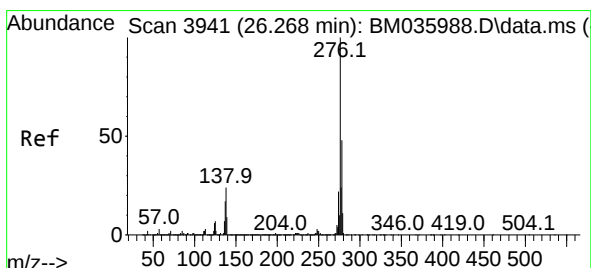
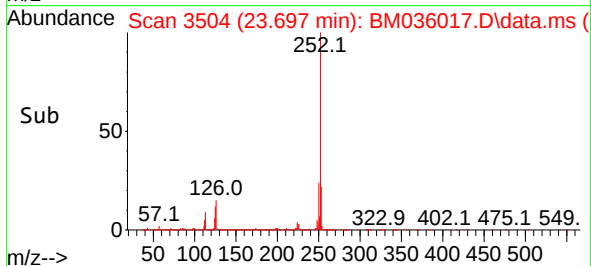
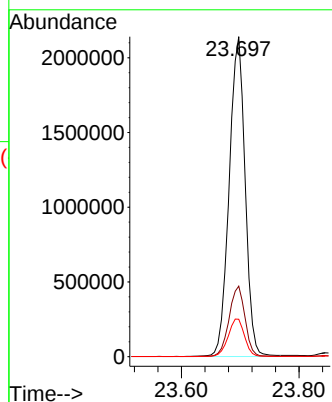
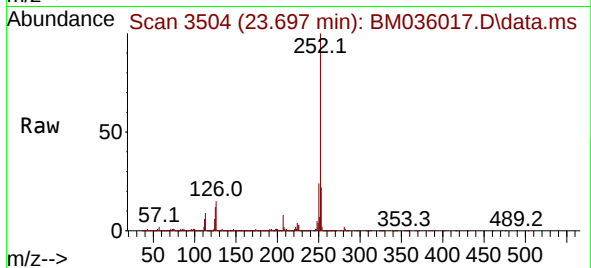
Tgt Ion:252 Resp: 4034594

Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 11.7 11.8 17.8#



#94

Indeno(1,2,3-cd)pyrene

Concen: 42.363 ng/ul

RT: 26.262 min Scan# 3940

Delta R.T. -0.006 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

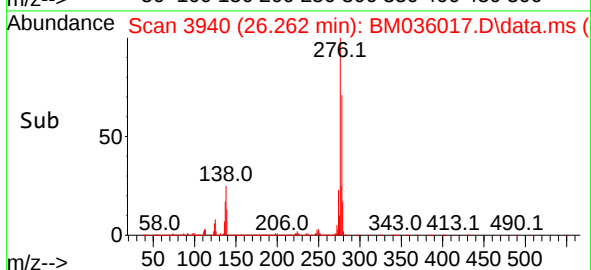
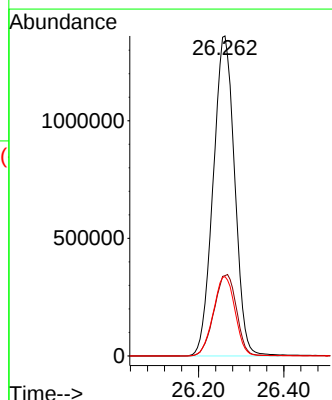
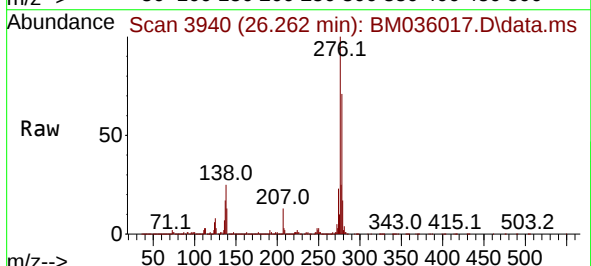
Tgt Ion:276 Resp: 4758270

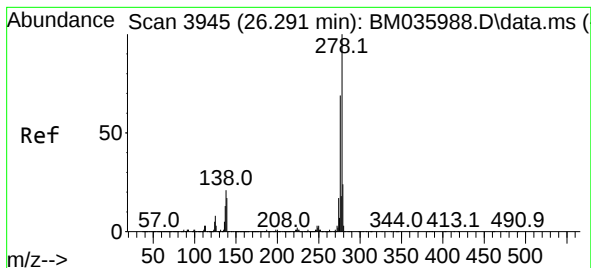
Ion Ratio Lower Upper

276 100

138 25.1 25.6 38.4#

277 24.8 20.1 30.1





#95

Dibenzo(a,h)anthracene

Concen: 42.493 ng/ul

RT: 26.280 min Scan# 3945

Delta R.T. -0.012 min

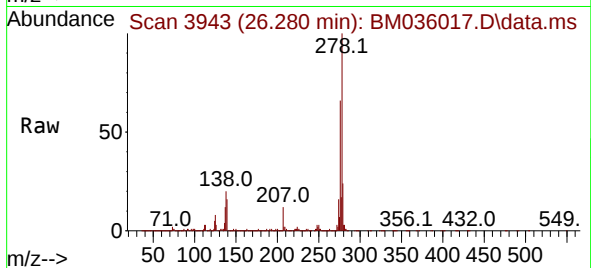
Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Instrument :

BNA_M

ClientSampleId :



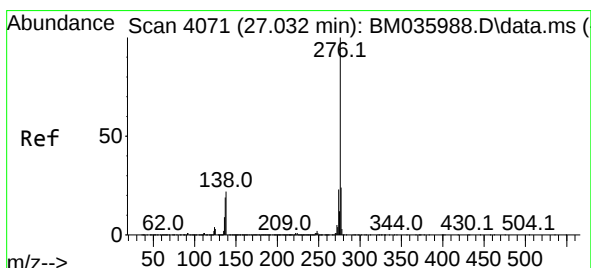
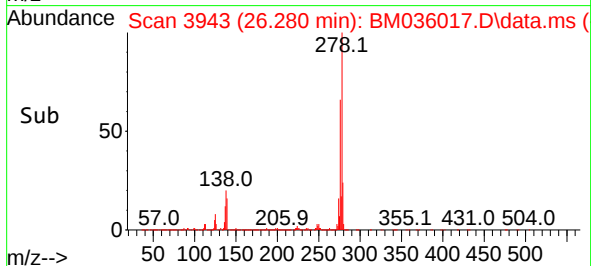
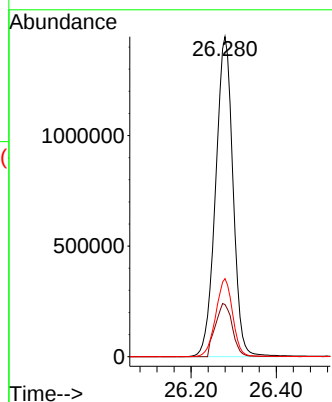
Tgt Ion:278 Resp: 4094829

Ion Ratio Lower Upper

278 100

139 16.3 16.2 24.2

279 24.4 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 43.467 ng/ul

RT: 27.021 min Scan# 4069

Delta R.T. -0.012 min

Lab File: BM036017.D

Acq: 30 Jul 2022 06:37

Tgt Ion:276 Resp: 4045853

Ion Ratio Lower Upper

276 100

138 22.7 21.3 31.9

277 23.7 18.6 28.0

