

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042712.D
 Acq On : 13 Nov 2023 19:35
 Operator : MA/JU
 Sample : 05013-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A87

Quant Time: Nov 14 10:20:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 13 16:57:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.834	152	25625	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	102761	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.492	164	76493	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.245	188	170892	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.433	240	174413	20.000	ng/u1	0.00
88) Perylene-d12	23.803	264	179138	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	4125	5.051	ng/uL	0.00
4) Pyridine-d5	3.622	84	55030	27.090	ng/u1	0.00
7) Phenol-d5	7.004	99	71452	28.650	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	50775	28.974	ng/u1	0.00
11) 2-Chlorophenol-d4	7.357	132	59177	30.751	ng/u1	0.00
15) 4-Methylphenol-d8	8.557	113	58368	29.724	ng/u1	0.00
21) Nitrobenzene-d5	9.039	128	24416	27.100	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	30557	28.992	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	59816	30.523	ng/u1	0.00
31) 4-Chloroaniline-d4	10.845	131	17918	7.201	ng/u1	0.02
46) Dimethylphthalate-d6	13.916	166	224584	31.022	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	234616	30.289	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	13377	16.355	ng/u1	0.00
60) Fluorene-d10	15.486	176	180670	30.137	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	36643	28.308	ng/u1	0.00
73) Anthracene-d10	17.345	188	272358	28.438	ng/u1	0.00
81) Pyrene-d10	19.645	212	352922	30.901	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.644	264	339291	31.664	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.222	88	4322	4.970	ng/uL#	77
6) Benzaldehyde	6.998	77	84792	59.258	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.275	93	111412	54.370	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.651	70	48359	24.059	ng/u1#	97
22) Nitrobenzene	9.081	77	27628	10.146	ng/u1	99
25) 2-Nitrophenol	9.781	139	23689	22.122	ng/u1	97
29) 2,4-Dichlorophenol	10.304	162	42125	22.704	ng/u1	98
30) Naphthalene	10.704	128	73696	11.447	ng/u1	99
33) Hexachlorobutadiene	10.922	225	43580	26.590	ng/u1	95
36) 2-Methylnaphthalene	12.316	142	104566	24.235	ng/u1	95
37) 1-Methylnaphthalene	12.533	142	167803	36.989	ng/u1	97
39) 1,2,4,5-Tetrachloroben...	12.669	216	30707	10.236	ng/u1	99
40) Hexachlorocyclopentadiene	12.610	237	54655	38.482	ng/u1	93
41) 2,4,6-Trichlorophenol	12.927	196	69862	38.125	ng/u1	97
43) 1,1'-Biphenyl	13.327	154	310497	48.673	ng/u1	98
44) 2-Chloronaphthalene	13.374	162	56251	10.961	ng/u1	96
48) 2,6-Dinitrotoluene	14.110	165	50644	38.230	ng/u1	92
50) Acenaphthylene	14.221	152	126182	14.538	ng/u1	99
52) Acenaphthene	14.557	153	65860	11.220	ng/u1	98
53) 2,4-Dinitrophenol	14.663	184	33572	50.968	ng/u1	89
56) Dibenzofuran	14.898	168	90723	11.135	ng/u1	99
61) Fluorene	15.545	166	80713	11.669	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.533	204	66642	17.877	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.651	198	64712	49.104	ng/u1	98

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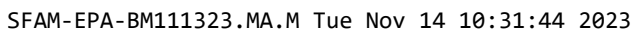
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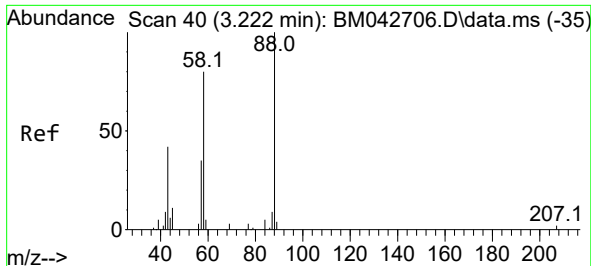
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

69) Hexachlorobenzene	16.515	284	101023	36.329	ng/ul	94
71) Pentachlorophenol	16.880	266	93499	58.390	ng/ul	99
72) Phenanthrene	17.292	178	117944	11.048	ng/ul	99
74) Anthracene	17.380	178	179565	16.722	ng/ul	99
77) Carbazole	17.674	167	397478	44.826	ng/ul	99
80) Fluoranthene	19.303	202	282375	21.684	ng/ul	97
82) Pyrene	19.674	202	288601	20.901	ng/ul	99
85) Benzo(a)anthracene	21.415	228	397875	29.060	ng/ul	99
87) Chrysene	21.468	228	155931	11.743	ng/ul	99
90) Benzo(b)fluoranthene	23.068	252	317191	25.946	ng/ul#	98
93) Benzo(a)pyrene	23.697	252	166548	13.981	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.274	276	459667	31.048	ng/ul	100
95) Dibenzo(a,h)anthracene	26.291	278	313157	25.513	ng/ul	100
96) Benzo(g,h,i)perylene	27.044	276	168938	14.370	ng/ul	98

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

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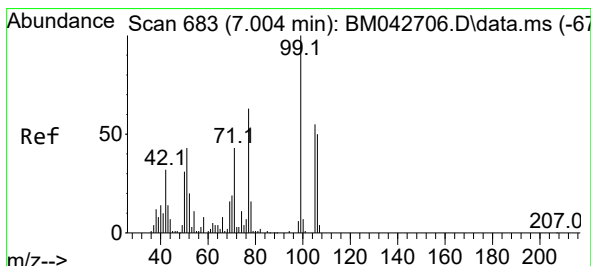
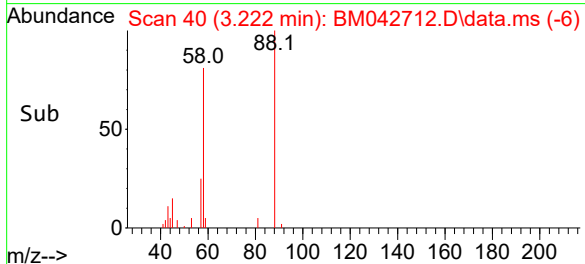
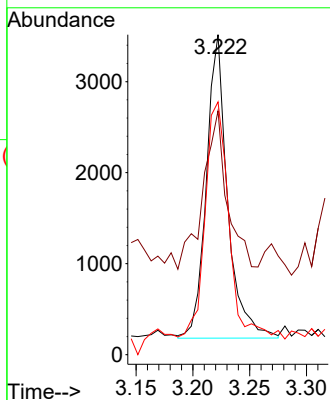
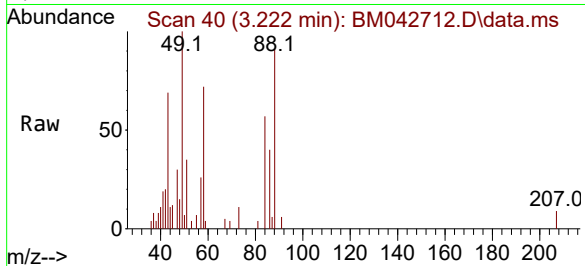




#2
1,4-Dioxane
Concen: 4.970 ng/uL
RT: 3.222 min Scan# 40
Delta R.T. -0.000 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

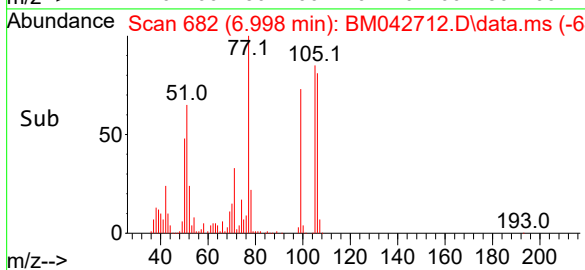
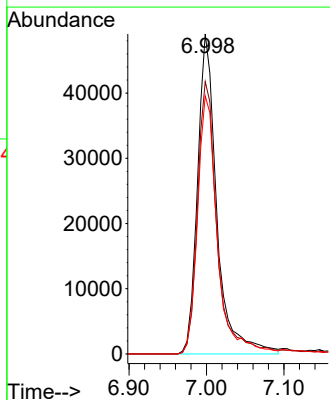
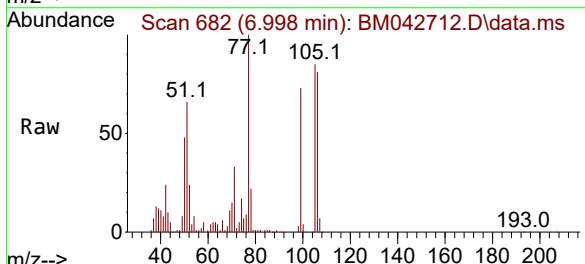
Instrument :
BNA_M
ClientSampleId :
A4A87

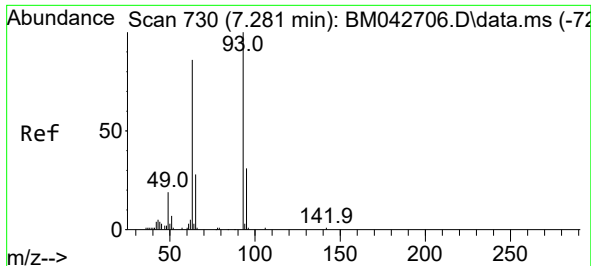
Tgt Ion: 88 Resp: 4322
Ion Ratio Lower Upper
88 100
43 76.2 34.3 51.5#
58 79.0 59.4 89.0



#6
Benzaldehyde
Concen: 59.258 ng/uL
RT: 6.998 min Scan# 682
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion: 77 Resp: 84792
Ion Ratio Lower Upper
77 100
105 85.1 69.6 104.4
106 80.6 64.2 96.2

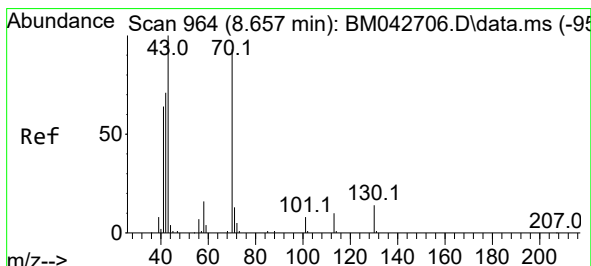
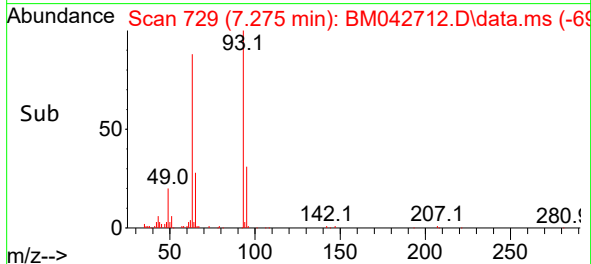
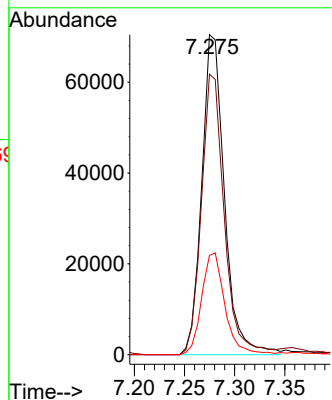
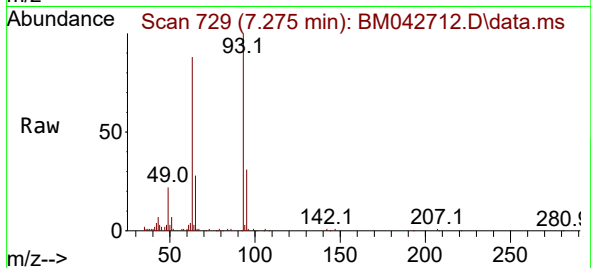




#10
Bis(2-Chloroethyl)ether
Concen: 54.370 ng/ul
RT: 7.275 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

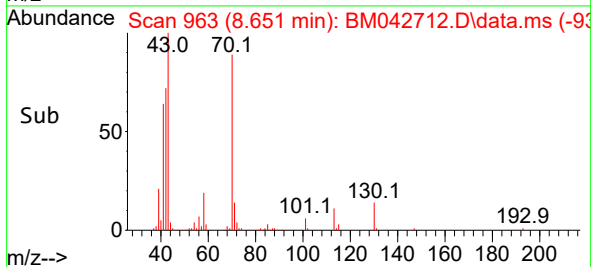
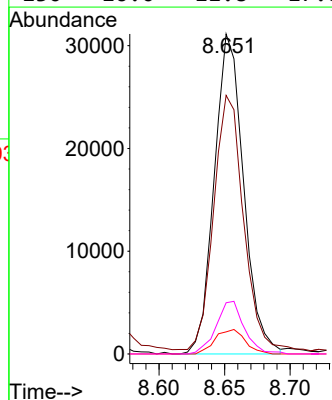
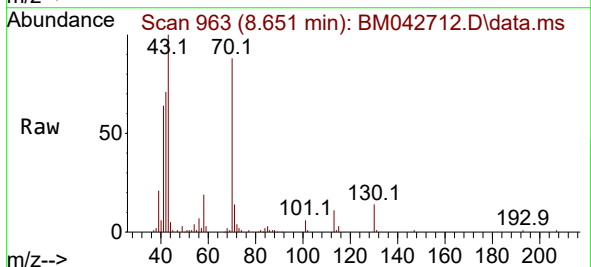
Instrument :
BNA_M
ClientSampleId :
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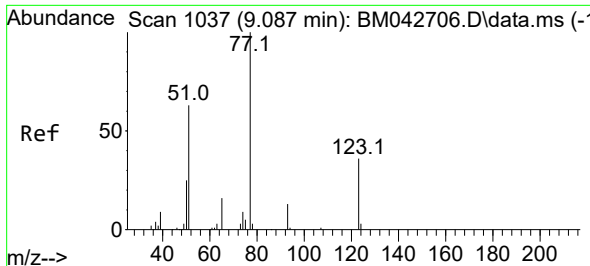
Tgt Ion: 93 Resp: 111412
Ion Ratio Lower Upper
93 100
63 87.6 68.6 102.8
95 31.1 24.8 37.2



#17
N-Nitroso-di-n-propylamine
Concen: 24.059 ng/ul
RT: 8.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion: 70 Resp: 48359
Ion Ratio Lower Upper
70 100
42 80.8 63.0 94.6
101 6.9 7.0 10.4#
130 16.0 11.8 17.8

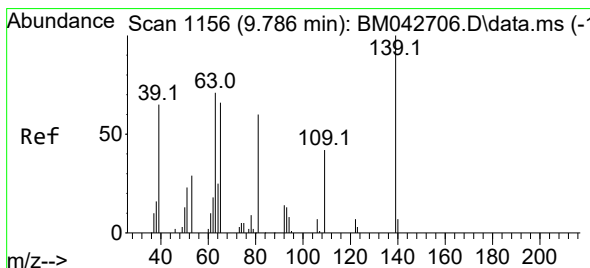
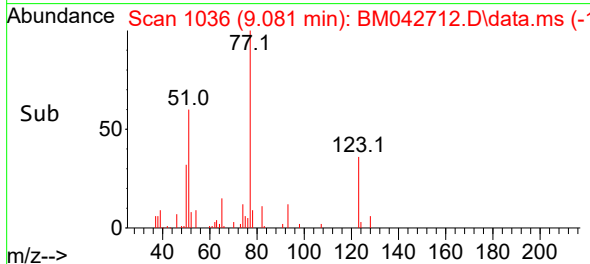
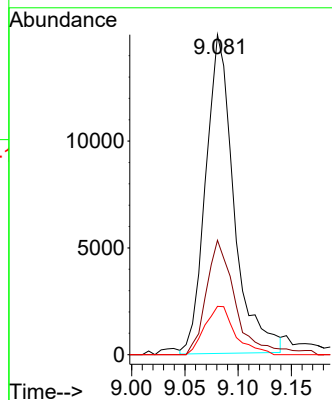
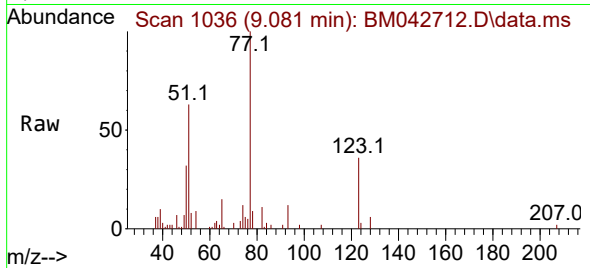




#22
Nitrobenzene
Concen: 10.146 ng/ul
RT: 9.081 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

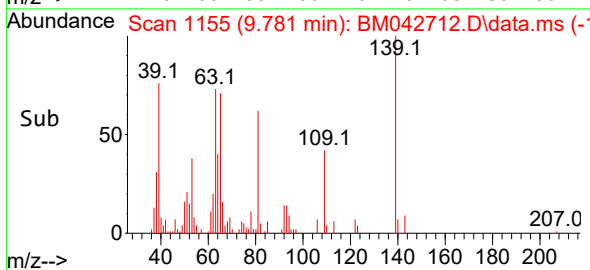
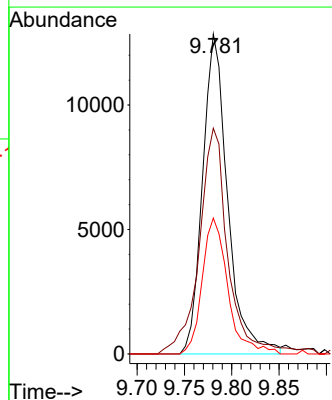
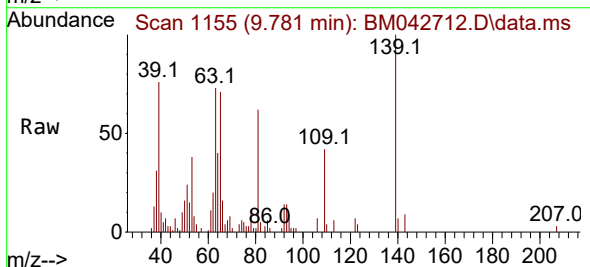
Instrument :
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ClientSampleId :
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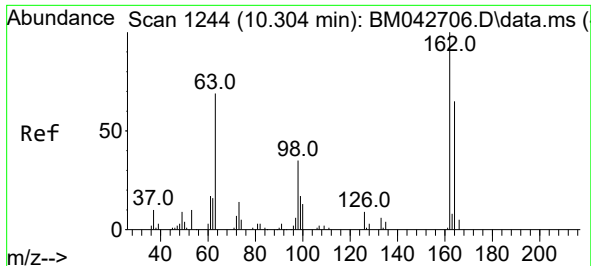
Tgt Ion: 77 Resp: 27628
Ion Ratio Lower Upper
77 100
123 35.7 28.4 42.6
65 15.1 12.4 18.6



#25
2-Nitrophenol
Concen: 22.122 ng/ul
RT: 9.781 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion: 139 Resp: 23689
Ion Ratio Lower Upper
139 100
65 70.5 59.1 88.7
109 42.5 33.9 50.9





#29

2,4-Dichlorophenol

Concen: 22.704 ng/ul

RT: 10.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

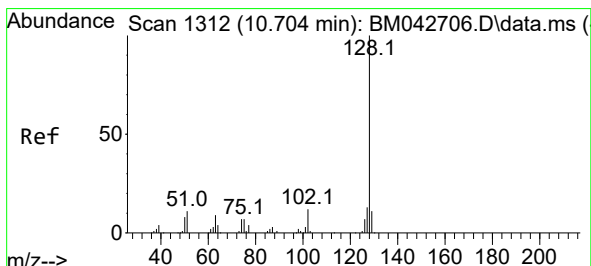
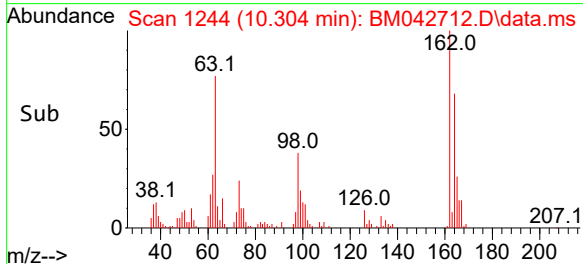
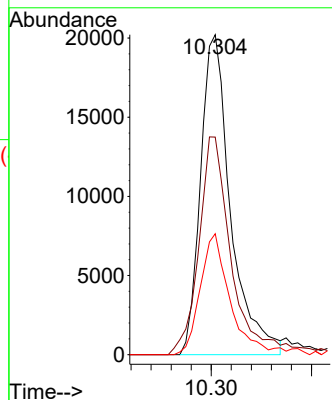
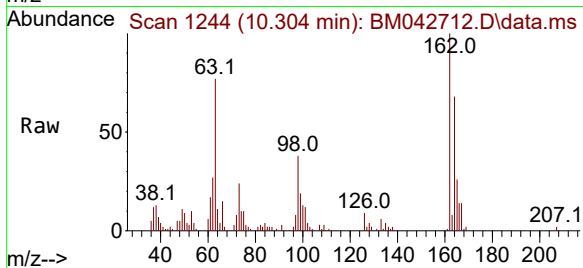
Tgt Ion:162 Resp: 42125

Ion Ratio Lower Upper

162 100

164 68.0 53.4 80.2

98 37.8 28.4 42.6



#30

Naphthalene

Concen: 11.447 ng/ul

RT: 10.704 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

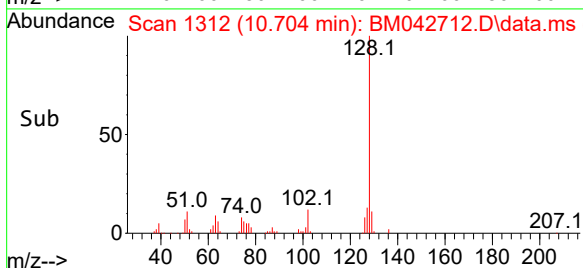
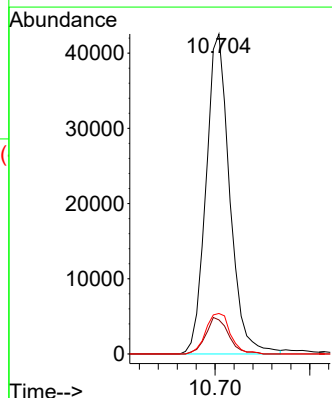
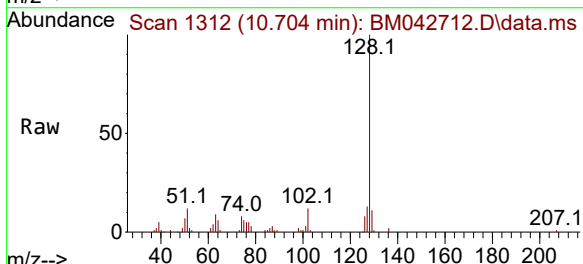
Tgt Ion:128 Resp: 73696

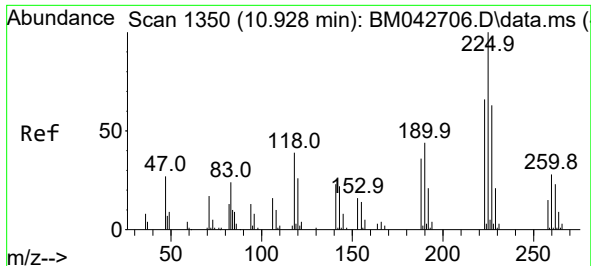
Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 12.7 10.5 15.7

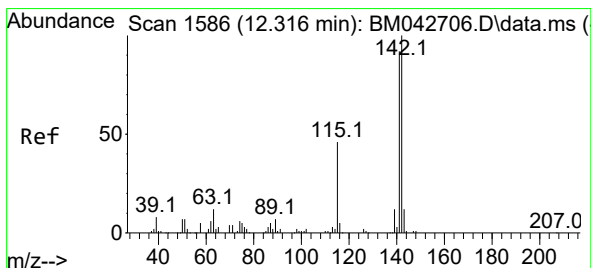
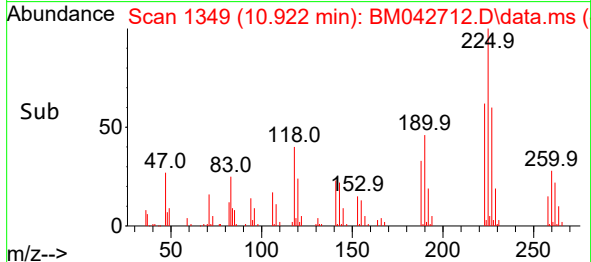
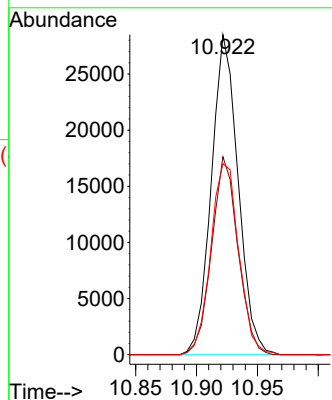
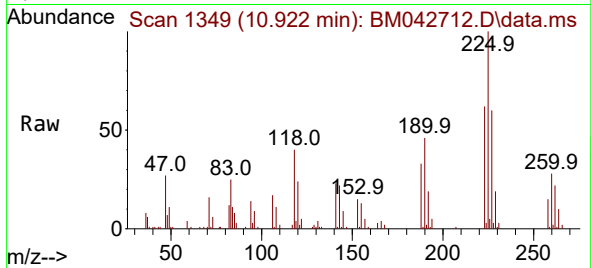




#33
Hexachlorobutadiene
Concen: 26.590 ng/ul
RT: 10.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042712.D
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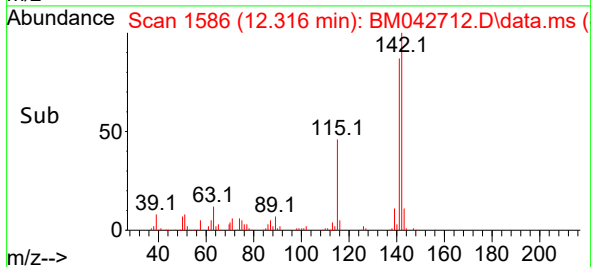
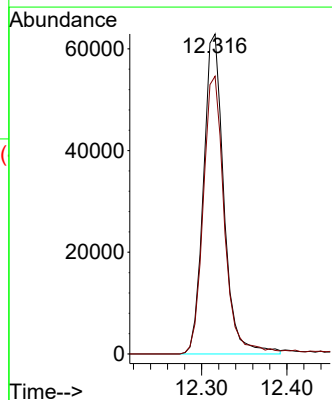
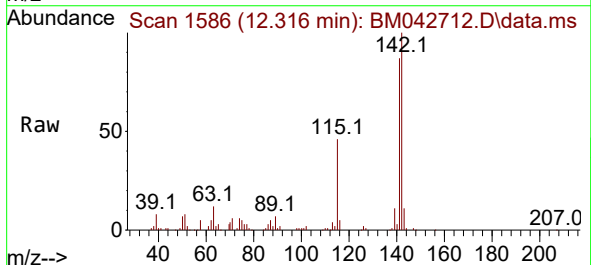
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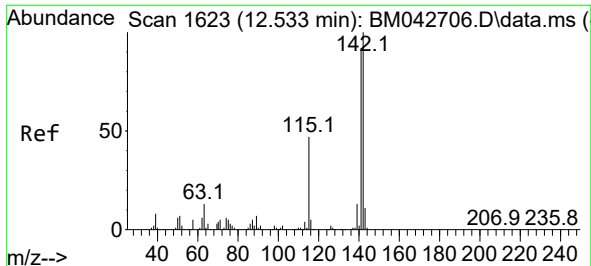
Tgt Ion:225 Resp: 43580
Ion Ratio Lower Upper
225 100
223 61.8 53.0 79.4
227 59.7 50.5 75.7



#36
2-Methylnaphthalene
Concen: 24.235 ng/ul
RT: 12.316 min Scan# 1586
Delta R.T. -0.000 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion:142 Resp: 104566
Ion Ratio Lower Upper
142 100
141 86.8 73.6 110.4





#37

1-Methylnaphthalene

Concen: 36.989 ng/ul

RT: 12.533 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

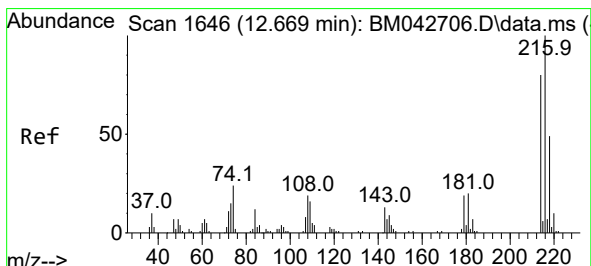
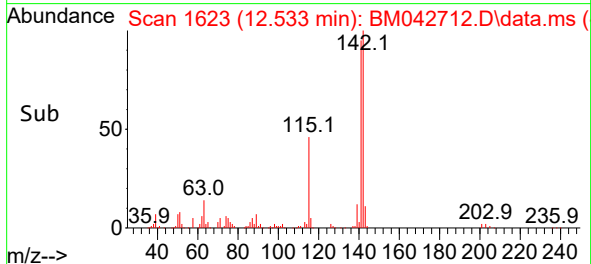
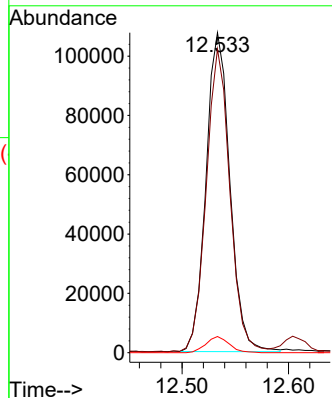
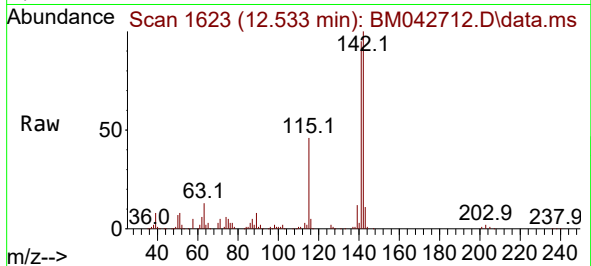
Tgt Ion:142 Resp: 167803

Ion Ratio Lower Upper

142 100

141 94.9 73.3 109.9

116 5.0 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 10.236 ng/ul

RT: 12.669 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Tgt Ion:216 Resp: 30707

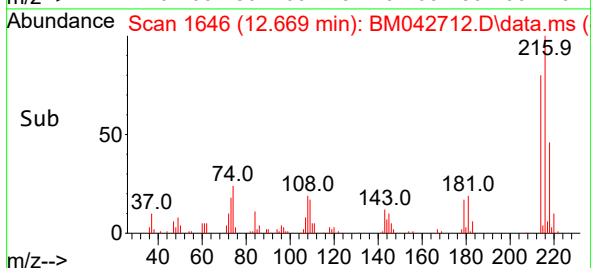
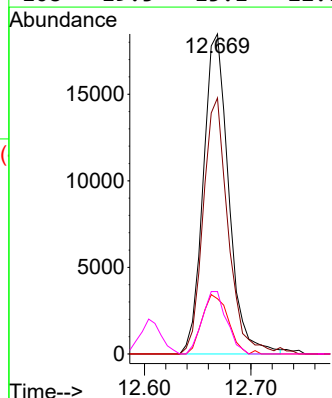
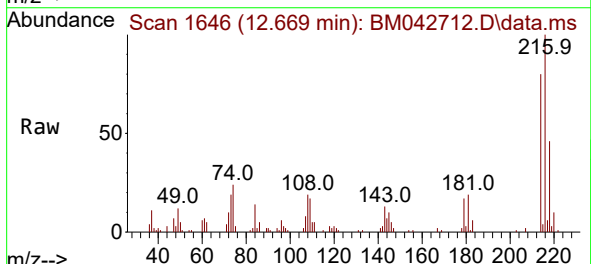
Ion Ratio Lower Upper

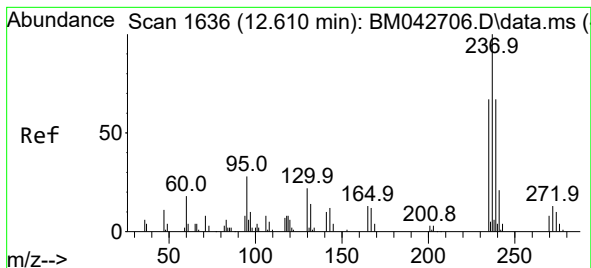
216 100

214 80.0 64.1 96.1

179 17.2 15.5 23.3

108 19.5 15.1 22.7





#40

Hexachlorocyclopentadiene

Concen: 38.482 ng/ul

RT: 12.610 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

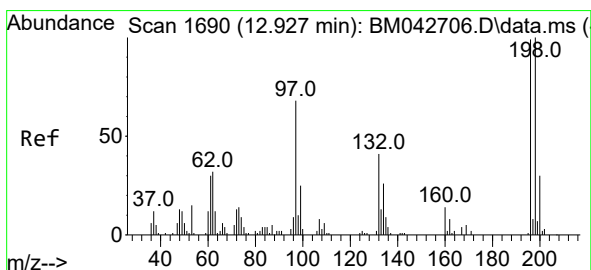
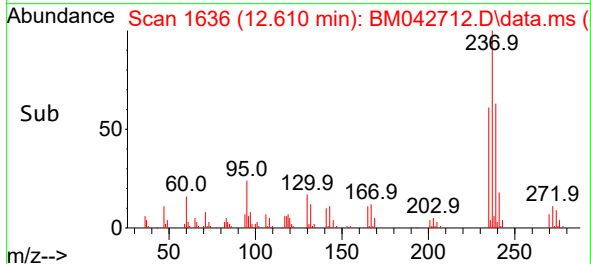
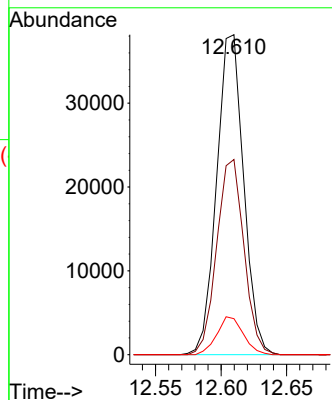
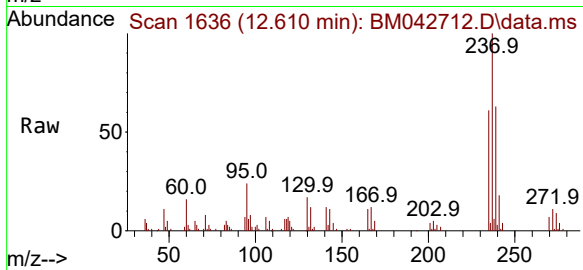
Tgt Ion:237 Resp: 54655

Ion Ratio Lower Upper

237 100

235 61.0 53.3 79.9

272 11.3 10.7 16.1



#41

2,4,6-Trichlorophenol

Concen: 38.125 ng/ul

RT: 12.927 min Scan# 1690

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

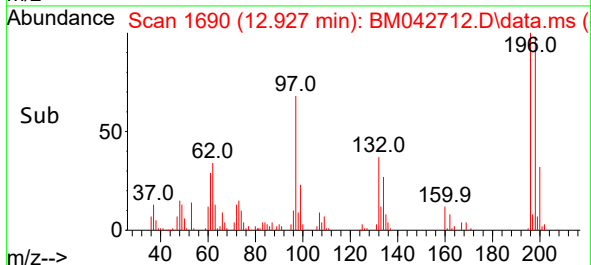
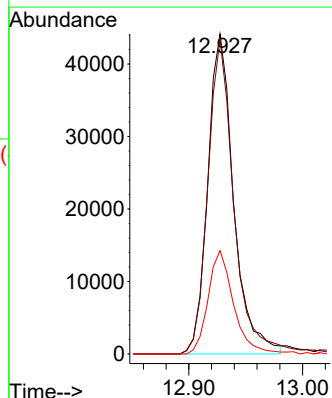
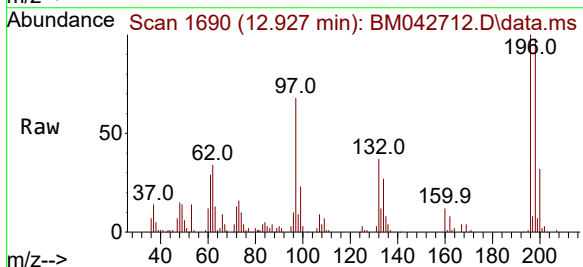
Tgt Ion:196 Resp: 69862

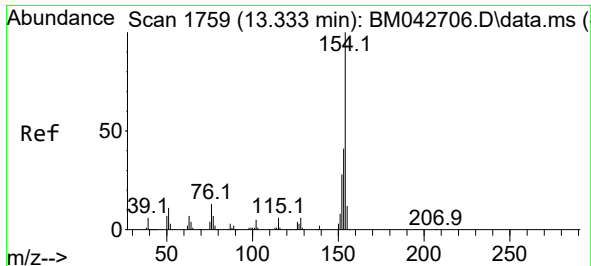
Ion Ratio Lower Upper

196 100

198 98.3 81.0 121.4

200 32.3 24.1 36.1

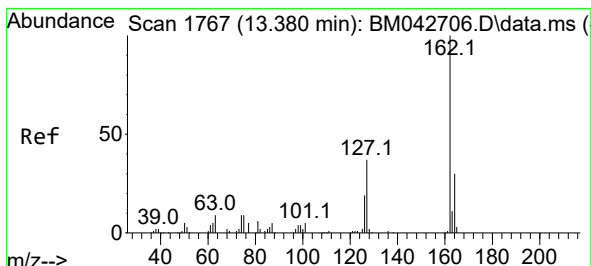
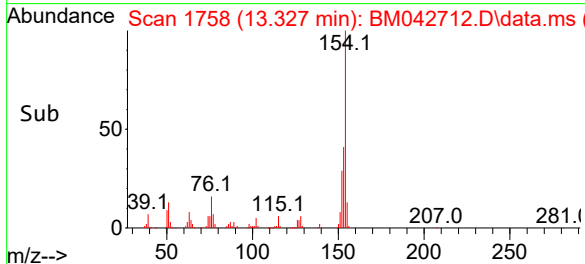
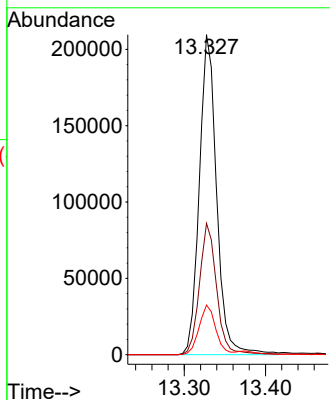
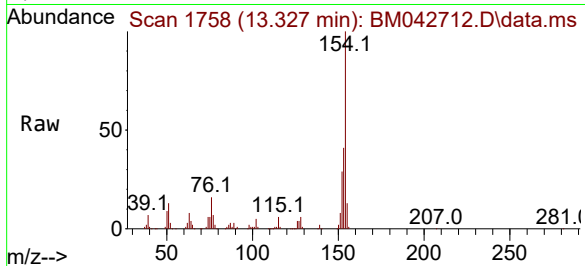




#43
1,1'-Biphenyl
Concen: 48.673 ng/ul
RT: 13.327 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

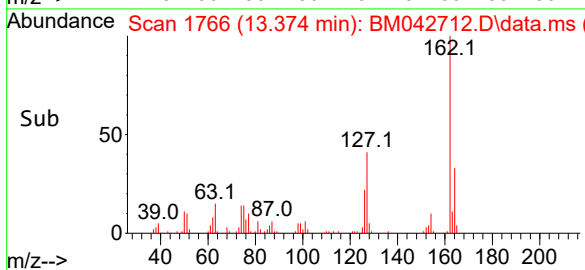
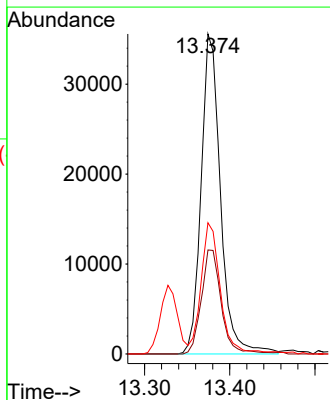
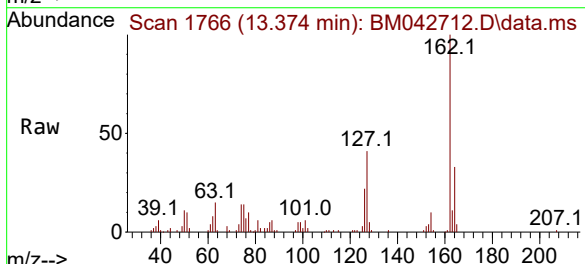
Instrument :
BNA_M
ClientSampleId :
A4A87

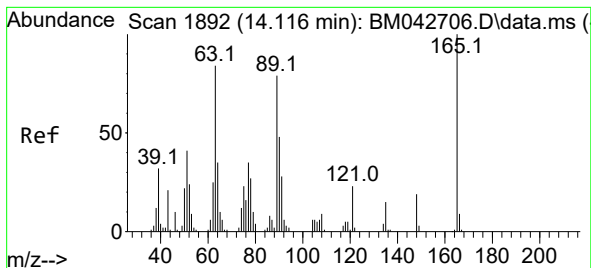
Tgt Ion:154 Resp: 310497
Ion Ratio Lower Upper
154 100
153 41.0 32.4 48.6
76 15.5 10.7 16.1



#44
2-Chloronaphthalene
Concen: 10.961 ng/ul
RT: 13.374 min Scan# 1766
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion:162 Resp: 56251
Ion Ratio Lower Upper
162 100
164 32.5 24.2 36.2
127 41.0 30.8 46.2





#48

2,6-Dinitrotoluene

Concen: 38.230 ng/ul

RT: 14.110 min Scan# 1891

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

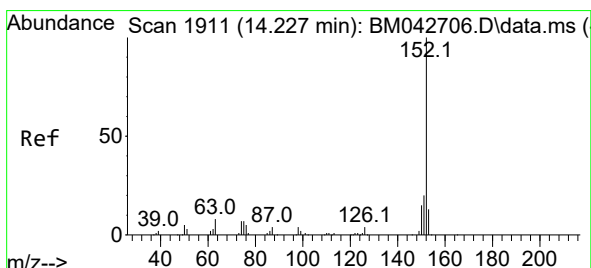
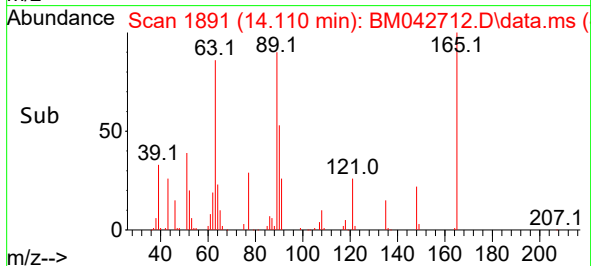
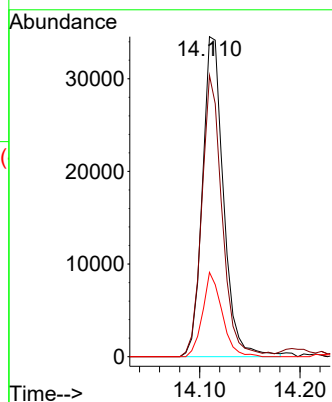
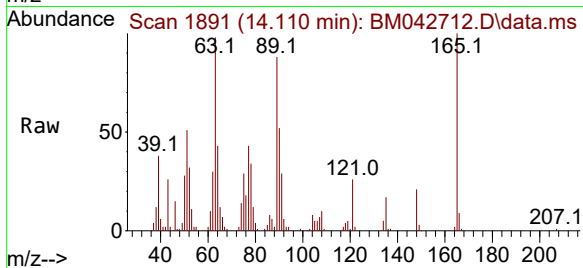
Tgt Ion:165 Resp: 50644

Ion Ratio Lower Upper

165 100

89 87.9 64.1 96.1

121 26.3 18.4 27.6



#50

Acenaphthylene

Concen: 14.538 ng/ul

RT: 14.221 min Scan# 1910

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

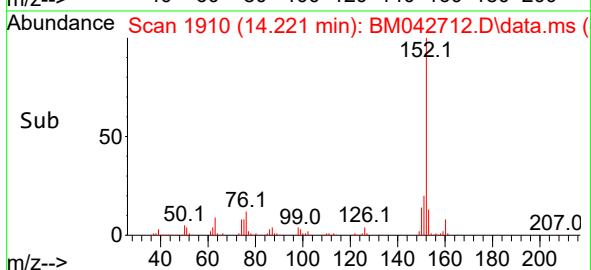
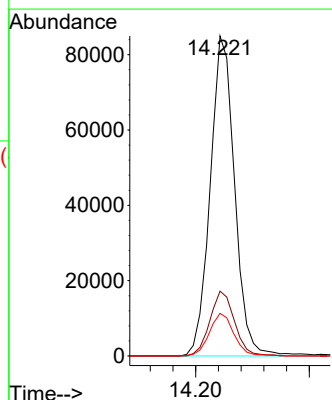
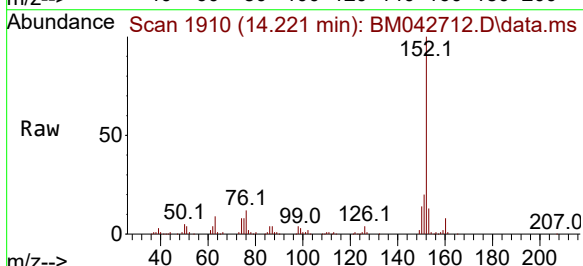
Tgt Ion:152 Resp: 126182

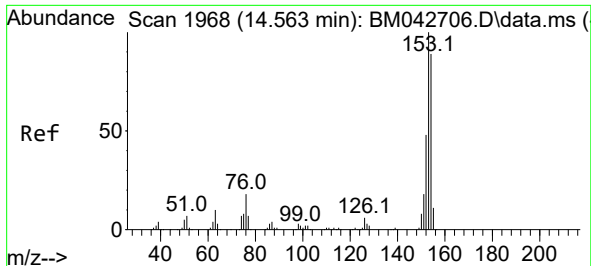
Ion Ratio Lower Upper

152 100

151 20.3 16.0 24.0

153 13.3 10.5 15.7

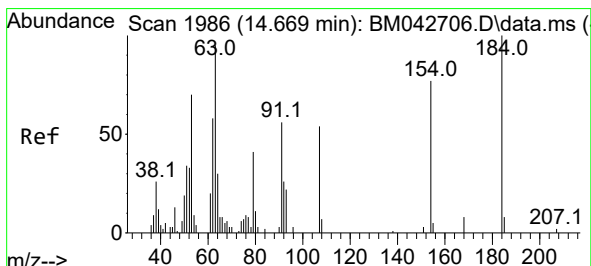
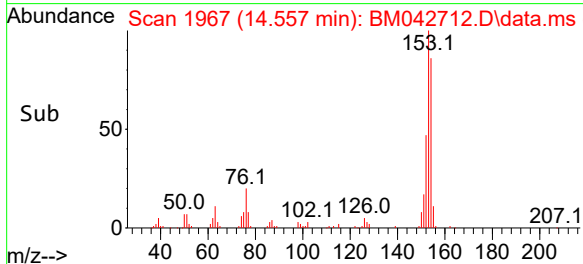
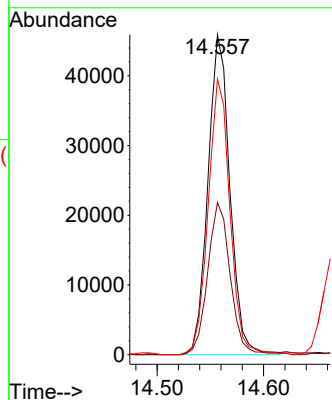
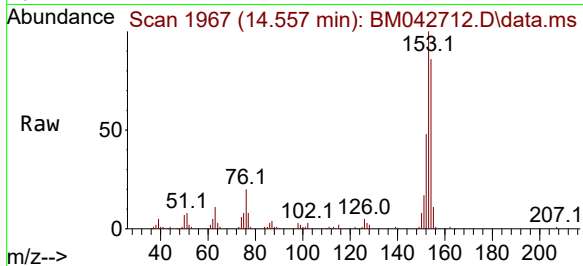




#52
Acenaphthene
Concen: 11.220 ng/ul
RT: 14.557 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

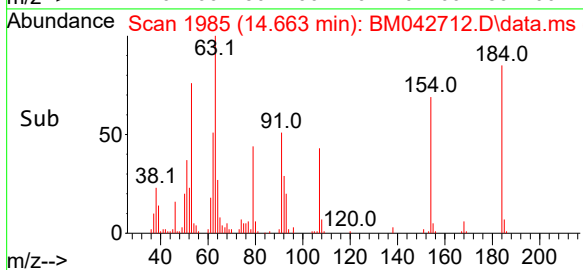
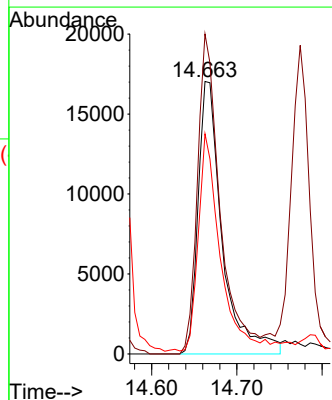
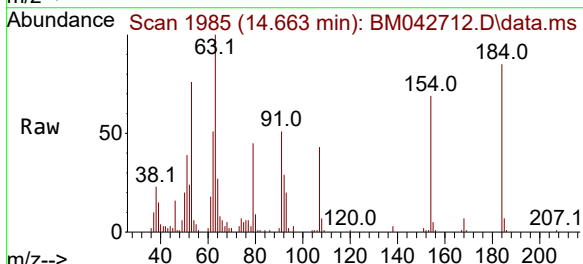
Instrument :
BNA_M
ClientSampleId :
A4A87

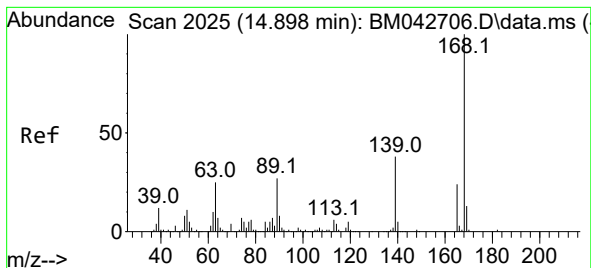
Tgt Ion:153 Resp: 65860
Ion Ratio Lower Upper
153 100
152 47.6 38.2 57.2
154 86.1 71.3 106.9



#53
2,4-Dinitrophenol
Concen: 50.968 ng/ul
RT: 14.663 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion:184 Resp: 33572
Ion Ratio Lower Upper
184 100
63 117.4 79.1 118.7
154 80.8 65.7 98.5





#56

Dibenzenofuran

Concen: 11.135 ng/ul

RT: 14.898 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

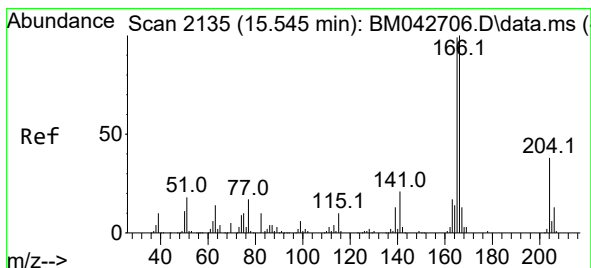
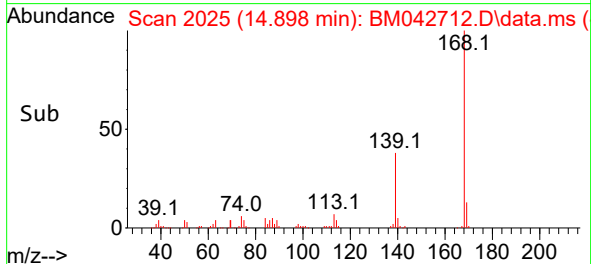
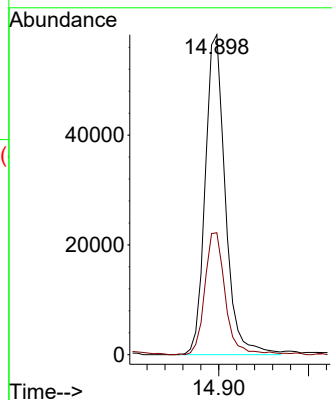
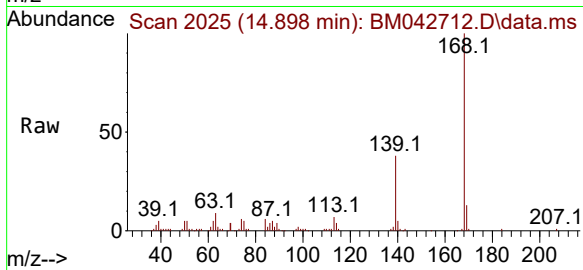
A4A87

Tgt Ion:168 Resp: 90723

Ion Ratio Lower Upper

168 100

139 38.1 30.8 46.2



#61

Fluorene

Concen: 11.669 ng/ul

RT: 15.545 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

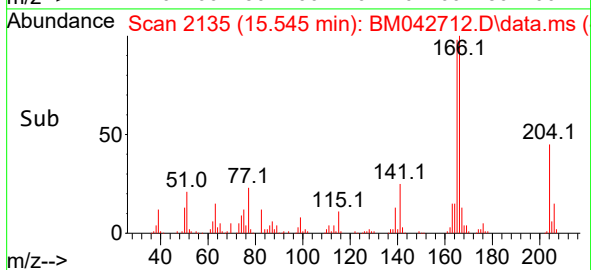
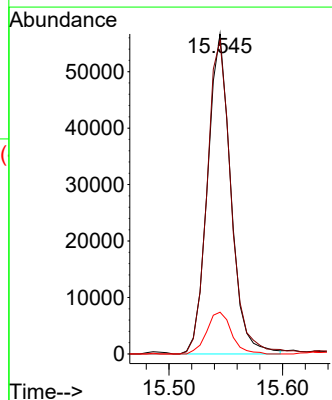
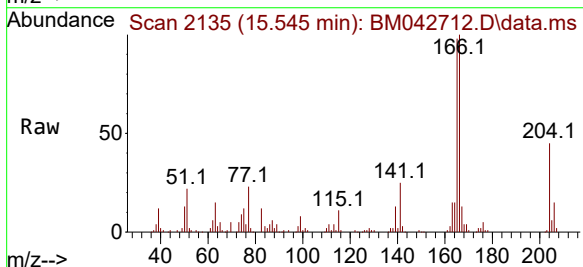
Tgt Ion:166 Resp: 80713

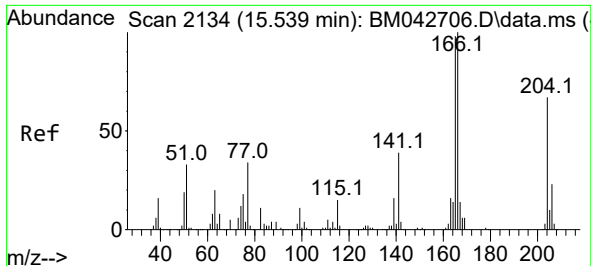
Ion Ratio Lower Upper

166 100

165 98.0 79.3 118.9

167 13.0 10.6 15.8

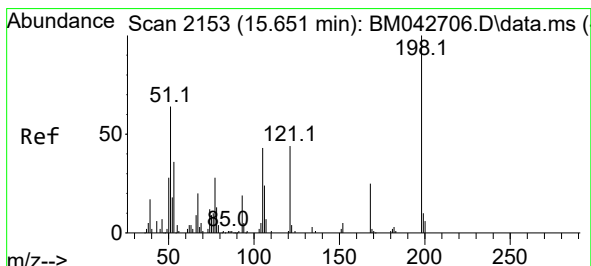
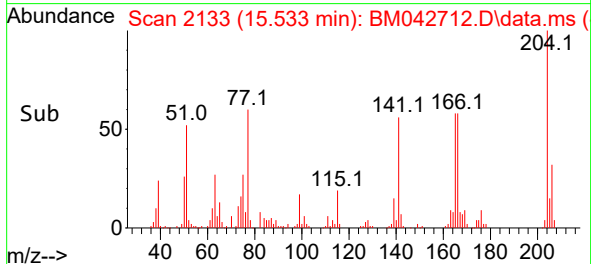
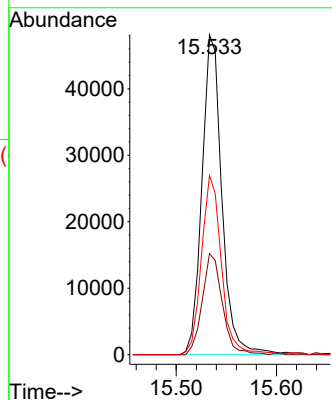
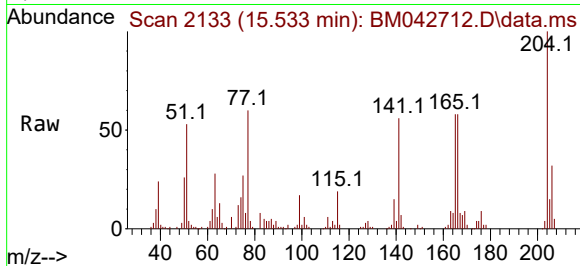




#62
 4-Chlorophenyl-phenylether
 Concen: 17.877 ng/ul
 RT: 15.533 min Scan# 2133
 Delta R.T. -0.006 min
 Lab File: BM042712.D
 Acq: 13 Nov 2023 19:35

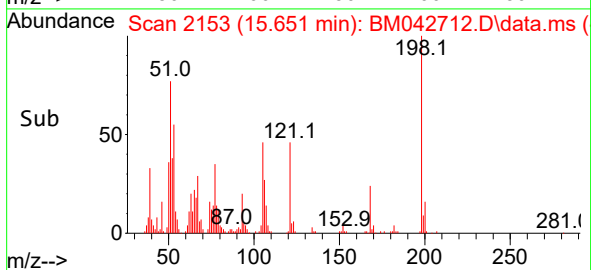
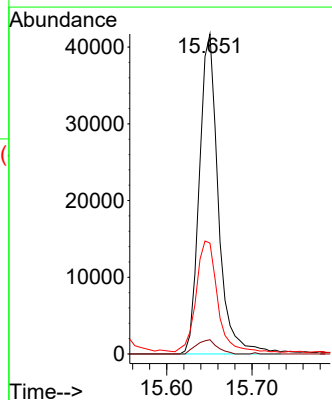
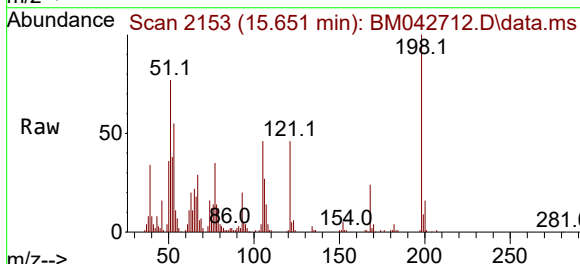
Instrument :
 BNA_M
 ClientSampleId :
 A4A87

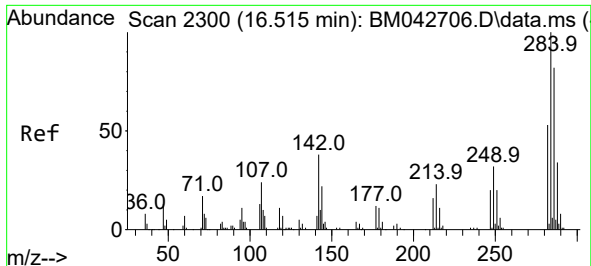
Tgt Ion:204 Resp: 66642
 Ion Ratio Lower Upper
 204 100
 206 31.6 27.0 40.4
 141 56.0 46.0 69.0



#66
 4,6-Dinitro-2-methylphenol
 Concen: 49.104 ng/ul
 RT: 15.651 min Scan# 2153
 Delta R.T. -0.000 min
 Lab File: BM042712.D
 Acq: 13 Nov 2023 19:35

Tgt Ion:198 Resp: 64712
 Ion Ratio Lower Upper
 198 100
 182 4.5 3.4 5.0
 77 34.7 26.9 40.3

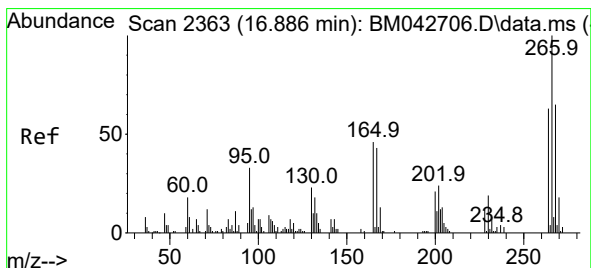
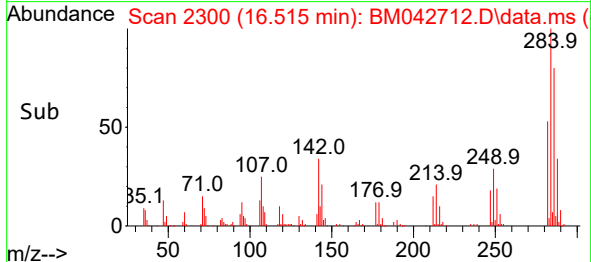
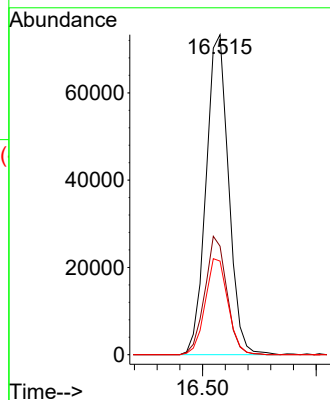
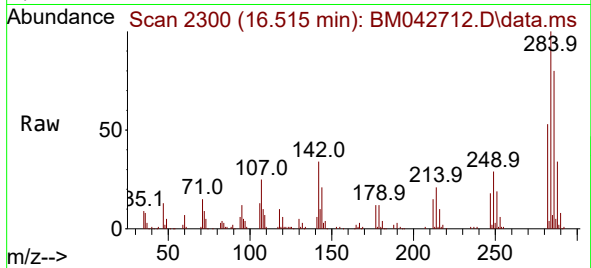




#69
Hexachlorobenzene
Concen: 36.329 ng/ul
RT: 16.515 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

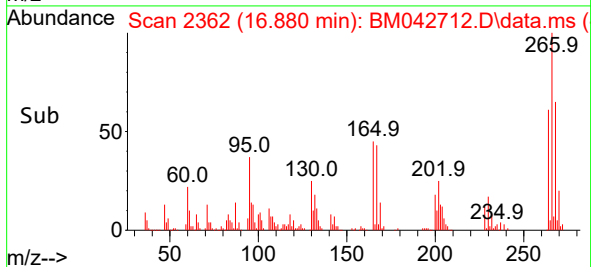
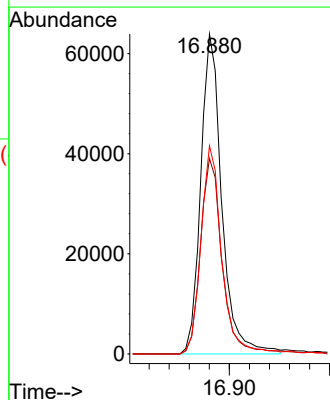
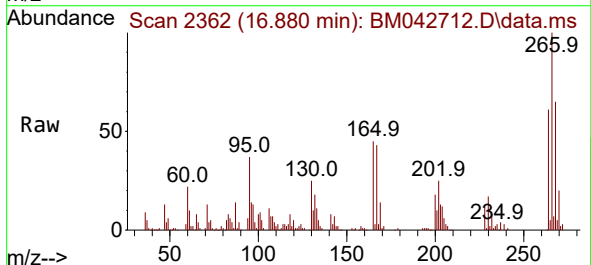
Instrument :
BNA_M
ClientSampleId :
A4A87

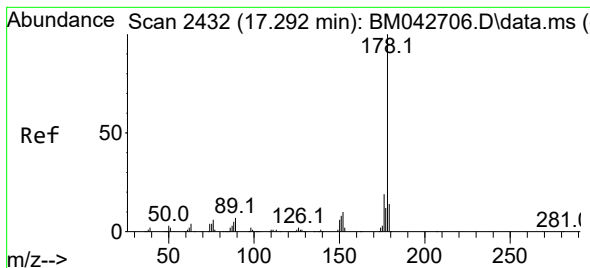
Tgt Ion:284 Resp: 101023
Ion Ratio Lower Upper
284 100
142 33.9 30.5 45.7
249 29.3 25.3 37.9



#71
Pentachlorophenol
Concen: 58.390 ng/ul
RT: 16.880 min Scan# 2362
Delta R.T. -0.006 min
Lab File: BM042712.D
Acq: 13 Nov 2023 19:35

Tgt Ion:266 Resp: 93499
Ion Ratio Lower Upper
266 100
264 61.1 50.3 75.5
268 65.0 52.1 78.1





#72

Phenanthrene

Concen: 11.048 ng/ul

RT: 17.292 min Scan# 2432

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

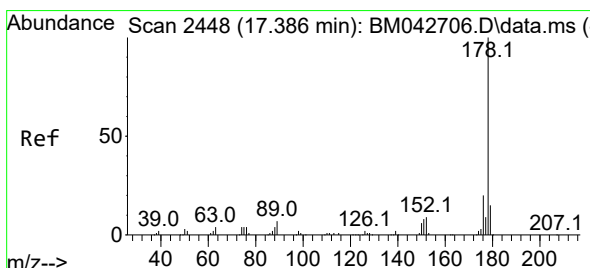
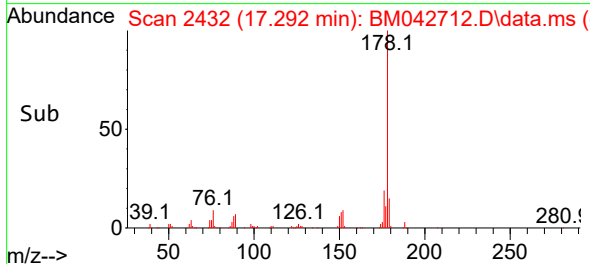
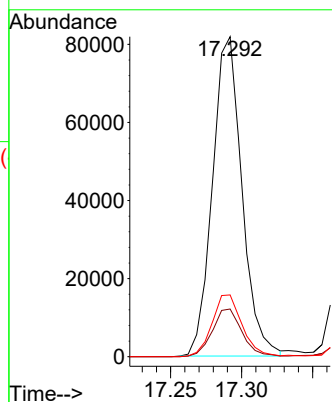
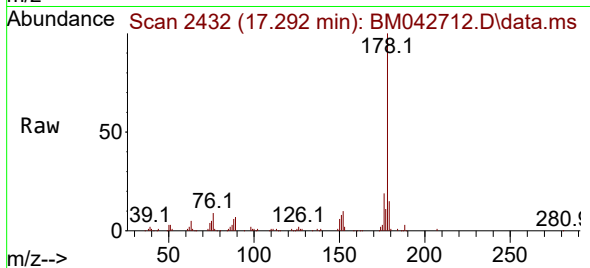
Tgt Ion:178 Resp: 117944

Ion Ratio Lower Upper

178 100

179 14.9 11.4 17.2

176 19.3 15.5 23.3



#74

Anthracene

Concen: 16.722 ng/ul

RT: 17.380 min Scan# 2447

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

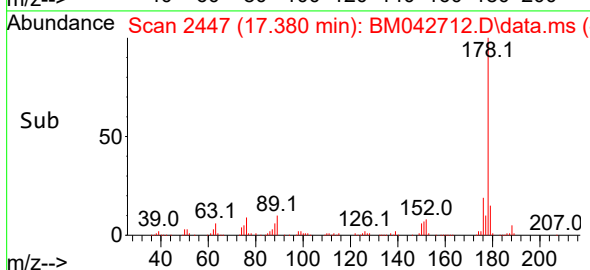
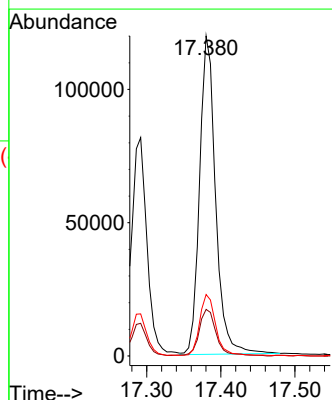
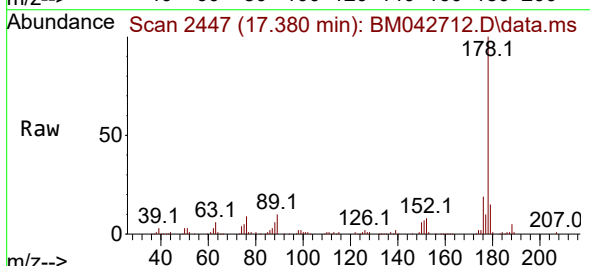
Tgt Ion:178 Resp: 179565

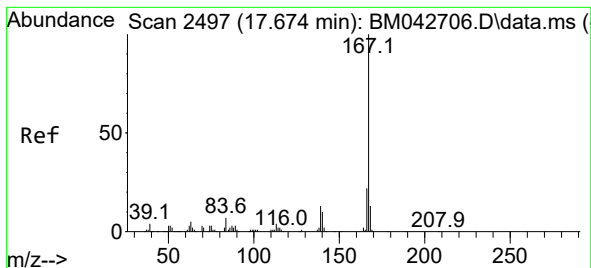
Ion Ratio Lower Upper

178 100

179 14.6 12.0 18.0

176 19.2 15.7 23.5





#77

Carbazole

Concen: 44.826 ng/ul

RT: 17.674 min Scan# 2497

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

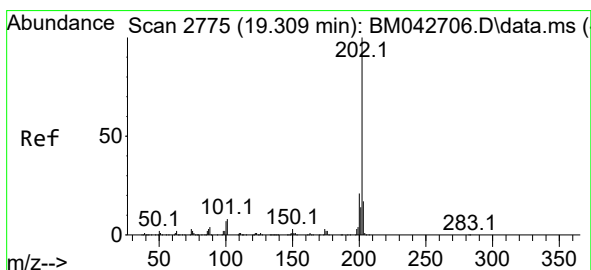
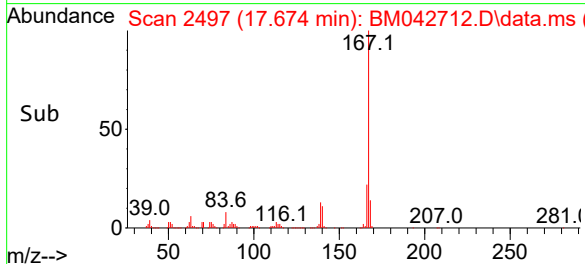
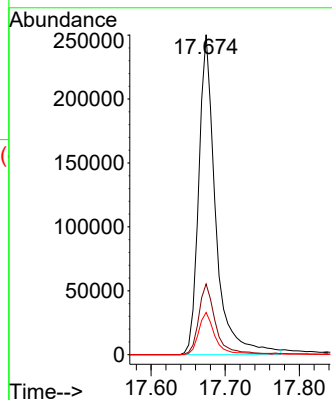
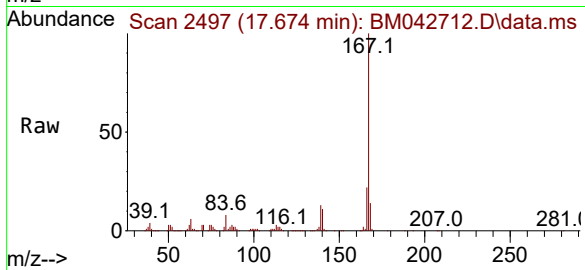
Tgt Ion:167 Resp: 397478

Ion Ratio Lower Upper

167 100

166 22.1 17.2 25.8

139 13.2 10.8 16.2



#80

Fluoranthene

Concen: 21.684 ng/ul

RT: 19.303 min Scan# 2774

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

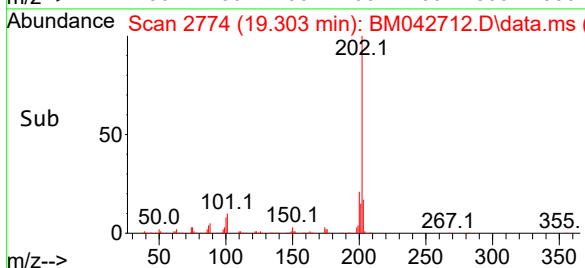
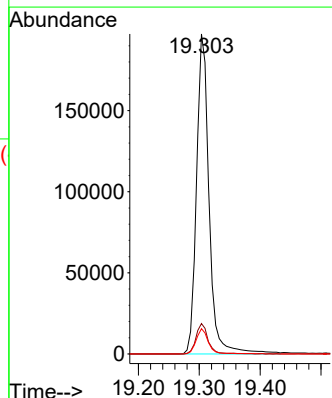
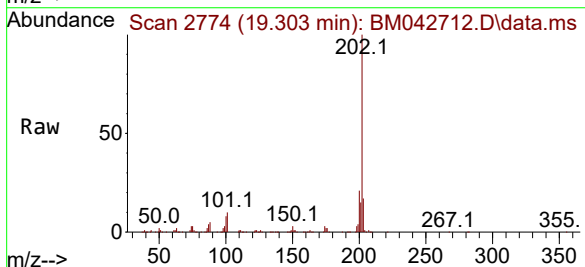
Tgt Ion:202 Resp: 282375

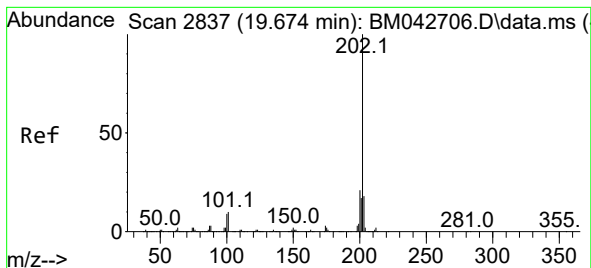
Ion Ratio Lower Upper

202 100

101 9.5 6.6 9.8

100 7.9 5.6 8.4





#82

Pyrene

Concen: 20.901 ng/ul

RT: 19.674 min Scan# 2

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

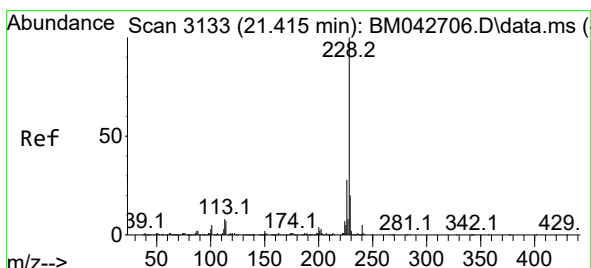
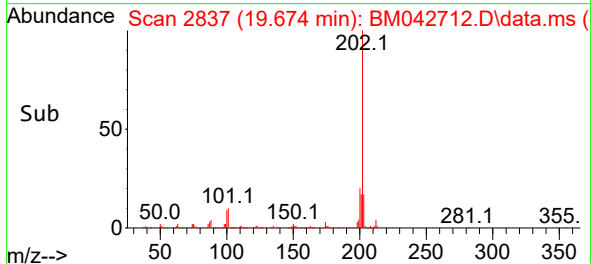
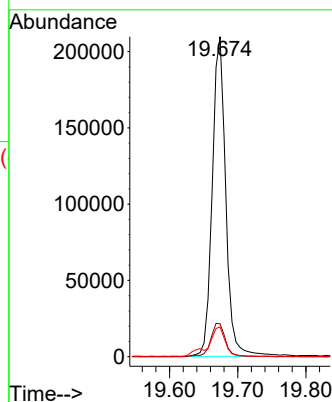
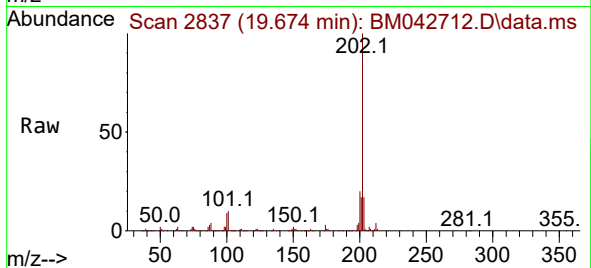
Tgt Ion:202 Resp: 288601

Ion Ratio Lower Upper

202 100

101 10.3 8.1 12.1

100 9.3 6.9 10.3



#85

Benzo(a)anthracene

Concen: 29.060 ng/ul

RT: 21.415 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

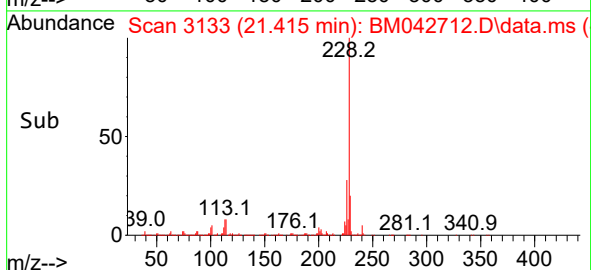
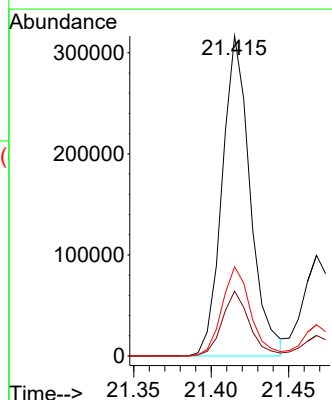
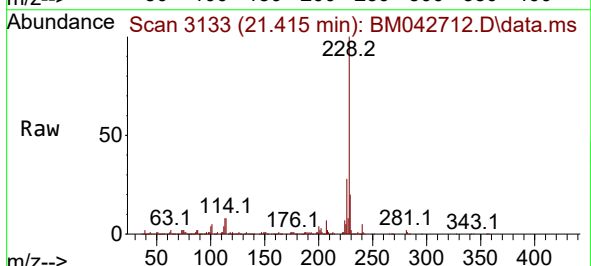
Tgt Ion:228 Resp: 397875

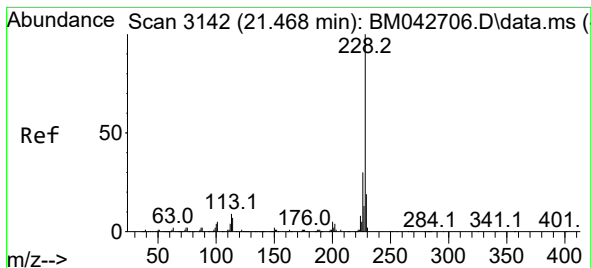
Ion Ratio Lower Upper

228 100

229 20.3 15.8 23.6

226 27.8 22.5 33.7





#87

Chrysene

Concen: 11.743 ng/ul

RT: 21.468 min Scan# 3142

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

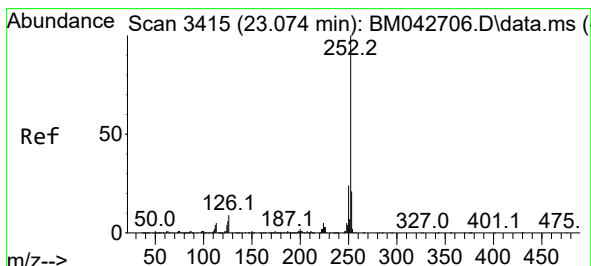
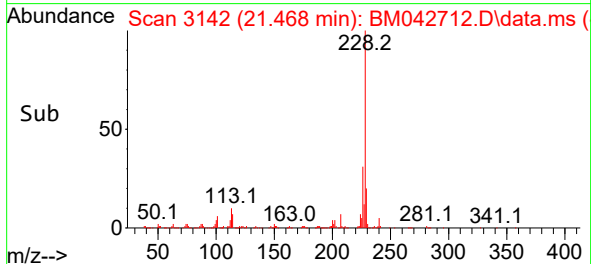
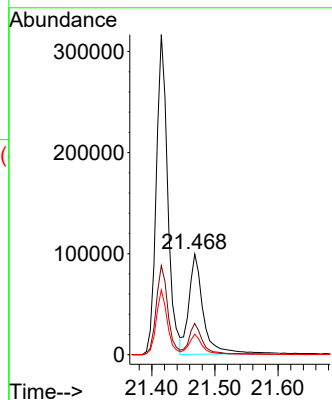
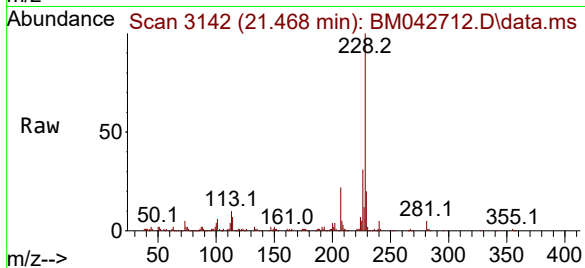
Tgt Ion:228 Resp: 155931

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

229 20.4 15.7 23.5



#90

Benzo(b)fluoranthene

Concen: 25.946 ng/ul

RT: 23.068 min Scan# 3414

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

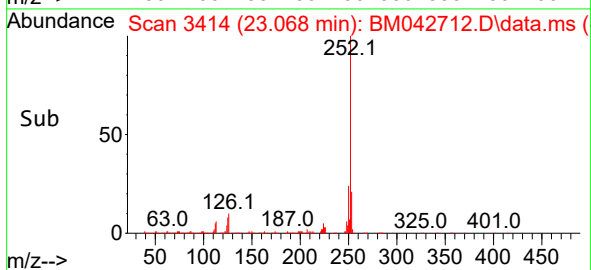
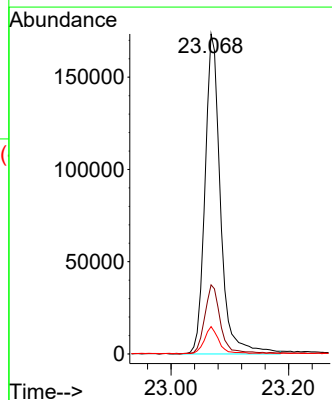
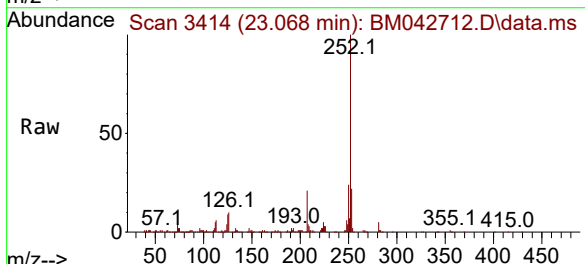
Tgt Ion:252 Resp: 317191

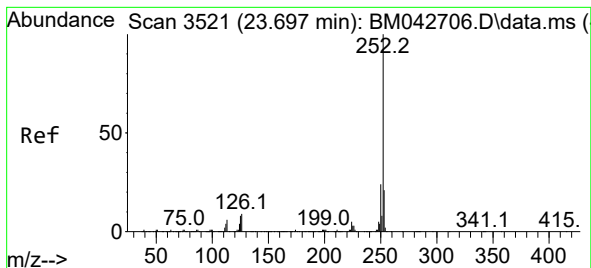
Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 8.5 5.2 7.8#





#93

Benzo(a)pyrene

Concen: 13.981 ng/ul

RT: 23.697 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

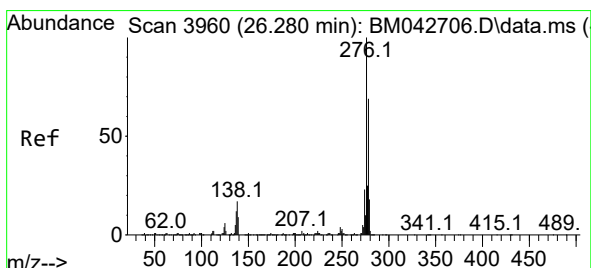
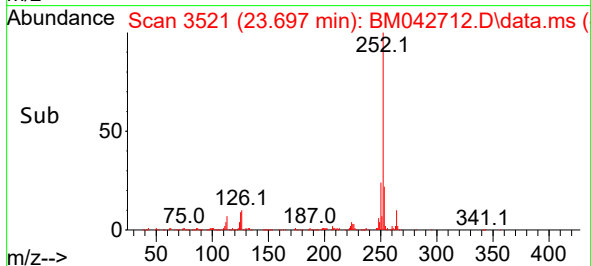
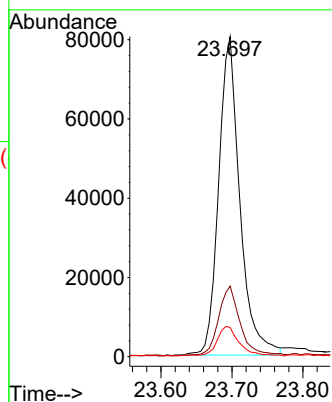
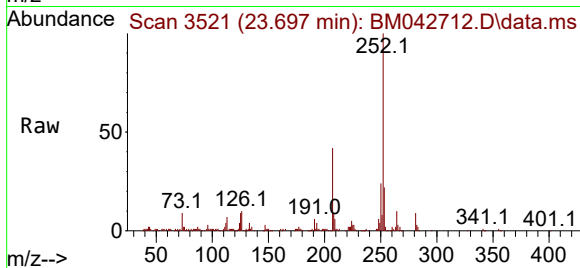
Tgt Ion:252 Resp: 166548

Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.1 6.3 9.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 31.048 ng/ul

RT: 26.274 min Scan# 3959

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

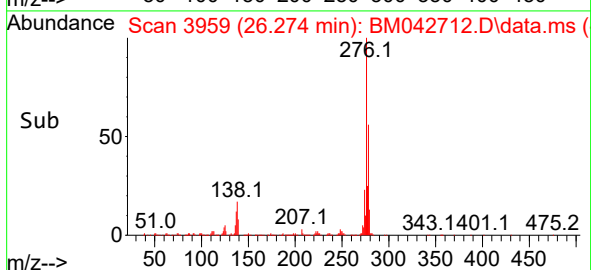
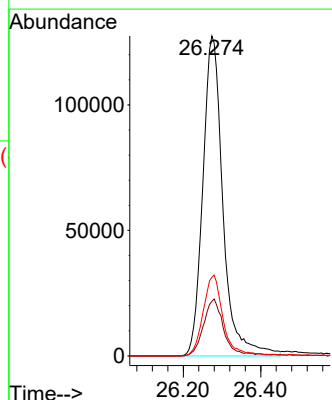
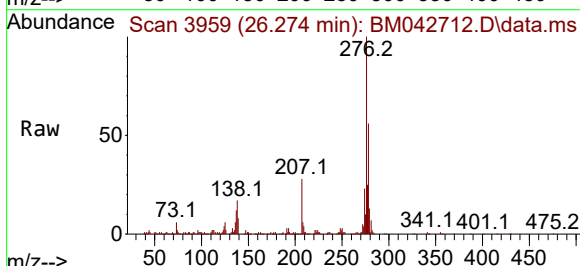
Tgt Ion:276 Resp: 459667

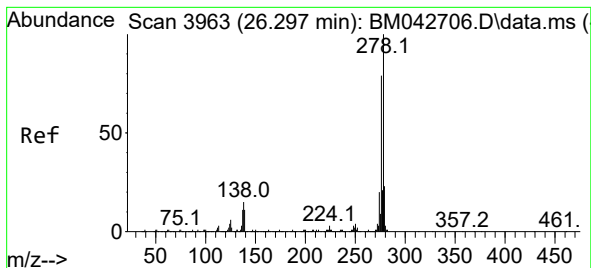
Ion Ratio Lower Upper

276 100

138 17.1 13.8 20.8

277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 25.513 ng/ul

RT: 26.291 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Instrument :

BNA_M

ClientSampleId :

A4A87

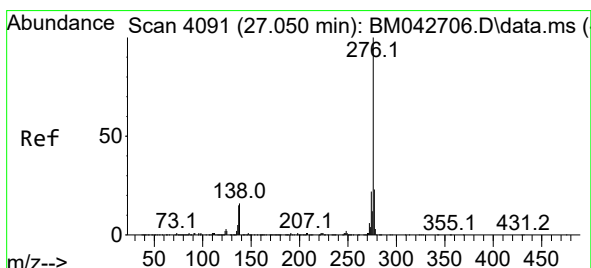
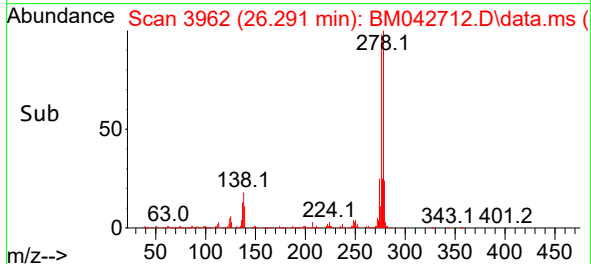
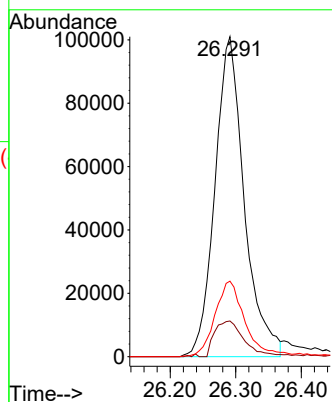
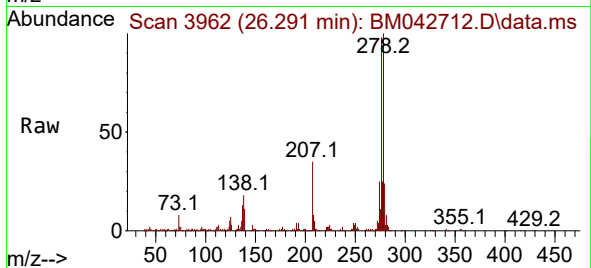
Tgt Ion:278 Resp: 313157

Ion Ratio Lower Upper

278 100

139 11.1 9.0 13.4

279 23.6 18.8 28.2



#96

Benzo(g,h,i)perylene

Concen: 14.370 ng/ul

RT: 27.044 min Scan# 4090

Delta R.T. -0.006 min

Lab File: BM042712.D

Acq: 13 Nov 2023 19:35

Tgt Ion:276 Resp: 168938

Ion Ratio Lower Upper

276 100

138 15.1 13.0 19.6

277 23.4 18.4 27.6

