

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059577.D
 Acq On : 1 Nov 2023 13:18
 Operator : MA/JU
 Sample : 04922-09MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MS

Quant Time: Nov 02 02:30:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 28 03:56:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.353	152	89288	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	423074	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	243163	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	511269	20.000	ng/ul	0.00
79) Chrysene-d12	22.072	240	374757	20.000	ng/ul	# 0.00
88) Perylene-d12	25.686	264	413047	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	6559	2.748	ng/uL	0.00
4) Pyridine-d5	4.099	84	9249	1.387	ng/ul	0.00
7) Phenol-d5	7.466	99	150313	16.382	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	63664	15.106	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	123320	16.567	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	107559	14.776	ng/ul	0.00
21) Nitrobenzene-d5	9.557	128	63992	21.273	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	69369	22.463	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	128703	18.916	ng/ul	0.00
31) 4-Chloroaniline-d4	11.349	131	136287	12.168	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	395473	17.952	ng/ul	0.00
49) Acenaphthylene-d8	14.687	160	469102	18.145	ng/ul	0.00
54) 4-Nitrophenol-d4	15.151	143	72145	19.097	ng/ul	0.00
60) Fluorene-d10	15.973	176	353346	18.768	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	49775	20.558	ng/ul	0.00
73) Anthracene-d10	17.836	188	532061	19.209	ng/ul	0.00
81) Pyrene-d10	20.110	212	520731	19.991	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.433	264	472374	19.421	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.700	88	15816	5.921	ng/uL#	79
6) Benzaldehyde	7.501	77	92024	22.267	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.771	93	114737	18.088	ng/ul	97
12) 2-Chlorophenol	7.906	128	151762	20.565	ng/ul#	88
13) 2-Methylphenol	8.776	108	119428	16.562	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.858	45	100088	16.767	ng/ul	97
16) Acetophenone	9.199	105	312045	27.194	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.158	70	102972	19.045	ng/ul#	97
18) 4-Methylphenol	9.105	108	145634	18.982	ng/ul	95
19) Hexachloroethane	9.446	117	63054	21.513	ng/ul	98
22) Nitrobenzene	9.598	77	159904	24.627	ng/ul	93
23) Isophorone	10.110	82	312769	19.128	ng/ul#	94
25) 2-Nitrophenol	10.309	139	85219	25.658	ng/ul#	79
26) 2,4-Dimethylphenol	10.327	107	40580	4.645	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.591	93	173718	19.080	ng/ul	97
29) 2,4-Dichlorophenol	10.826	162	148827	22.609	ng/ul	95
30) Naphthalene	11.255	128	543714	20.619	ng/ul	99
32) 4-Chloroaniline	11.373	127	150173	14.115	ng/ul	92
33) Hexachlorobutadiene	11.490	225	86090	21.801	ng/ul	98
34) Caprolactam	12.143	113	49542	20.573	ng/ul	92
35) 4-Chloro-3-methylphenol	12.436	107	173715	22.118	ng/ul	96
36) 2-Methylnaphthalene	12.836	142	374166	20.625	ng/ul	96
37) 1-Methylnaphthalene	13.053	142	369514	20.450	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.177	216	168991	24.095	ng/ul	95

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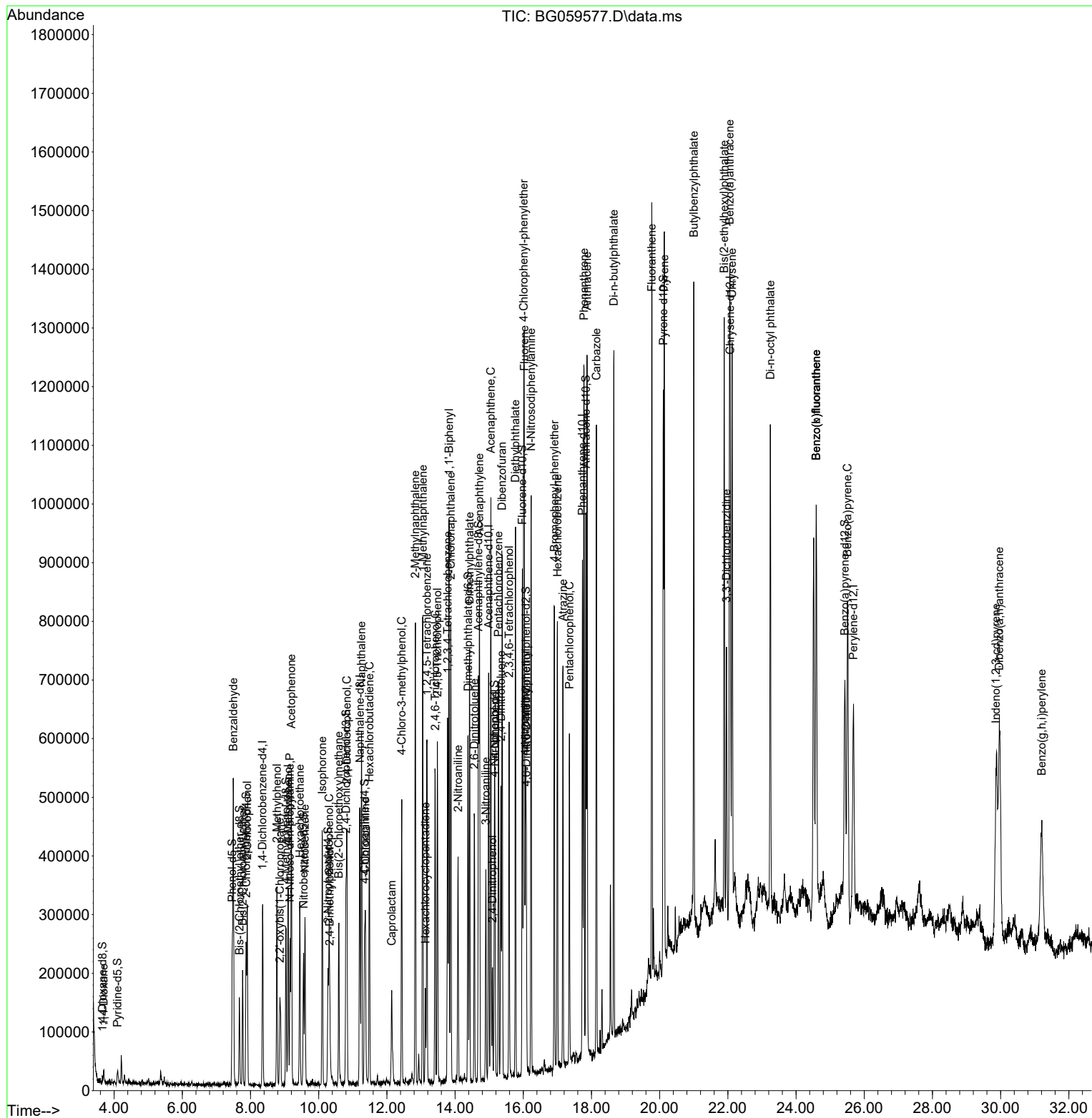
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Hexachlorocyclopentadiene	13.130	237	39307	9.614	ng/ul#	86
41) 2,4,6-Trichlorophenol	13.418	196	115792	23.843	ng/ul	86
42) 2,4,5-Trichlorophenol	13.482	196	130110	24.746	ng/ul	90
43) 1,1'-Biphenyl	13.823	154	485624	22.076	ng/ul	96
44) 2-Chloronaphthalene	13.876	162	380955	22.282	ng/ul	96
45) 2-Nitroaniline	14.087	65	93629	29.432	ng/ul	97
47) Dimethylphthalate	14.428	163	464387	21.336	ng/ul	98
48) 2,6-Dinitrotoluene	14.563	165	92589	28.200	ng/ul#	83
50) Acenaphthylene	14.716	152	644474	21.635	ng/ul	97
51) 3-Nitroaniline	14.904	138	96665	23.620	ng/ul#	91
52) Acenaphthene	15.051	153	432571	22.278	ng/ul	99
53) 2,4-Dinitrophenol	15.098	184	40172	21.534	ng/ul#	83
55) 4-Nitrophenol	15.168	109	113174	27.183	ng/ul	92
56) Dibenzofuran	15.380	168	561424	22.302	ng/ul	90
57) 2,4-Dinitrotoluene	15.345	165	129241	27.984	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.586	232	100004	24.234	ng/ul#	83
59) Diethylphthalate	15.774	149	517048	21.777	ng/ul	97
61) Fluorene	16.032	166	482638	22.209	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.014	204	213400	22.977	ng/ul	94
63) 4-Nitroaniline	16.061	138	97984	22.561	ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.091	198	67576	26.482	ng/ul#	83
67) N-Nitrosodiphenylamine	16.232	169	394026	22.555	ng/ul	97
68) 4-Bromophenyl-phenylether	16.913	248	129371	25.287	ng/ul	94
69) Hexachlorobenzene	17.002	284	147538	24.952	ng/ul	97
70) Atrazine	17.166	200	133673	24.693	ng/ul	92
71) Pentachlorophenol	17.354	266	84959	25.152	ng/ul	94
72) Phenanthrene	17.777	178	776029	23.348	ng/ul	96
74) Anthracene	17.871	178	759679	22.637	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.782	216	158115	23.223	ng/uL	96
76) Pentachlorobenzene	15.274	250	149977	23.214	ng/uL	97
77) Carbazole	18.147	167	688538	23.883	ng/ul	95
78) Di-n-butylphthalate	18.658	149	900037	22.721	ng/ul	99
80) Fluoranthene	19.769	202	813856	25.631	ng/ul	97
82) Pyrene	20.139	202	823610	24.971	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	349640	23.473	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.960	252	161049	16.526	ng/ul	99
85) Benzo(a)anthracene	22.054	228	721335	23.390	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.896	149	514390	23.143	ng/ul	100
87) Chrysene	22.125	228	653590	22.783	ng/ul	93
89) Di-n-octyl phthalate	23.247	149	869489	24.043	ng/ul	100
90) Benzo(b)fluoranthene	24.593	252	704026	23.514	ng/ul	99
91) Benzo(k)fluoranthene	24.593	252	704874	23.569	ng/ul	99
93) Benzo(a)pyrene	25.509	252	638032	22.547	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.863	276	294456	8.209	ng/ul	94
95) Dibenzo(a,h)anthracene	29.963	278	650502	21.959	ng/ul	97
96) Benzo(g,h,i)perylene	31.208	276	441445	15.037	ng/ul#	92

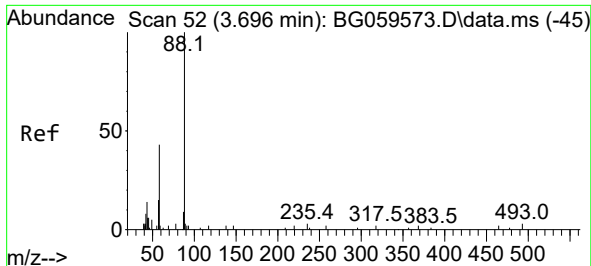
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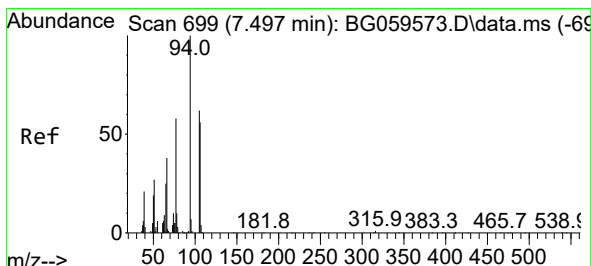
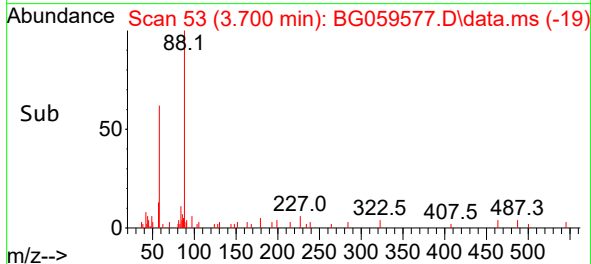
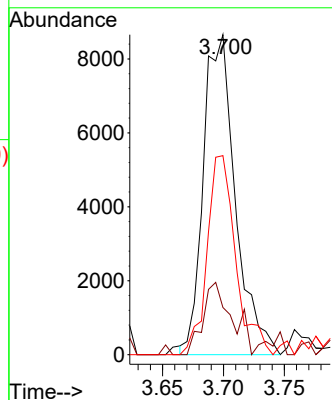
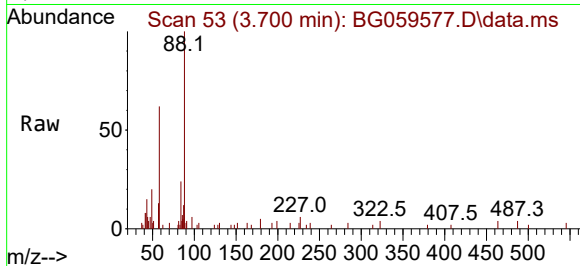




#2
1,4-Dioxane
Concen: 5.921 ng/uL
RT: 3.700 min Scan# 51
Delta R.T. -0.003 min
Lab File: BG059577.D
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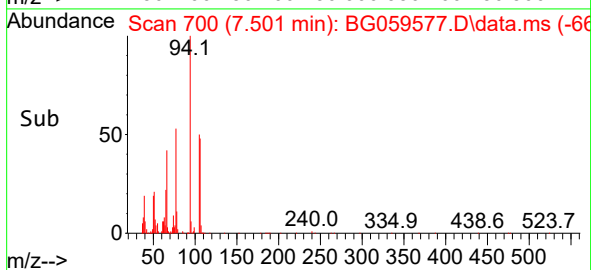
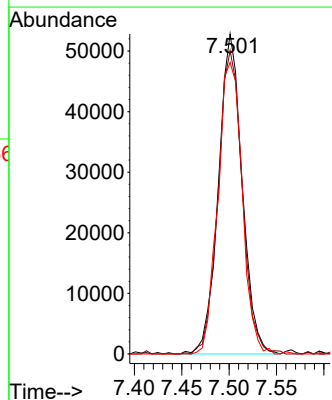
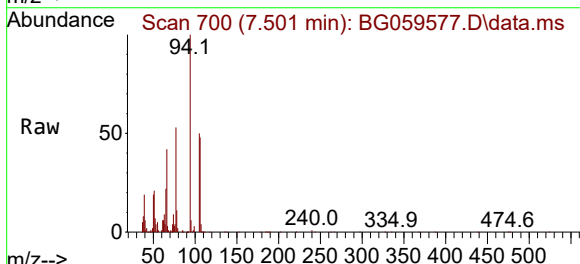
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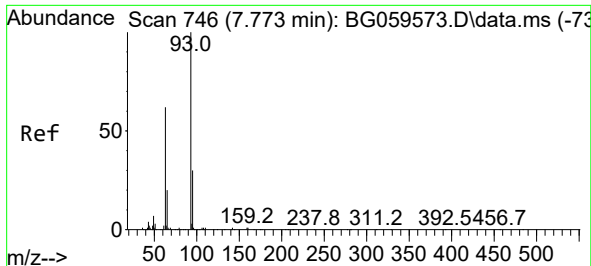
Tgt Ion: 88 Resp: 15816
Ion Ratio Lower Upper
88 100
43 14.7 15.7 23.5#
58 62.2 36.2 54.2#



#6
Benzaldehyde
Concen: 22.267 ng/uL
RT: 7.501 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion: 77 Resp: 92024
Ion Ratio Lower Upper
77 100
105 94.8 83.6 125.4
106 91.1 78.6 118.0

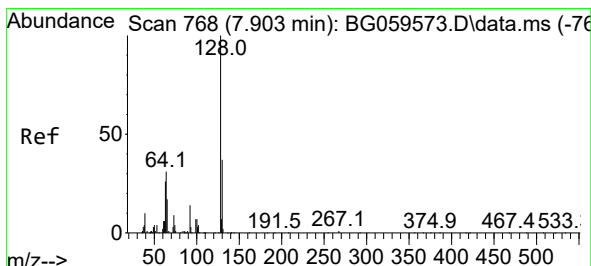
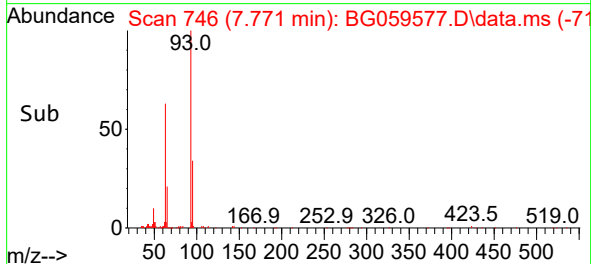
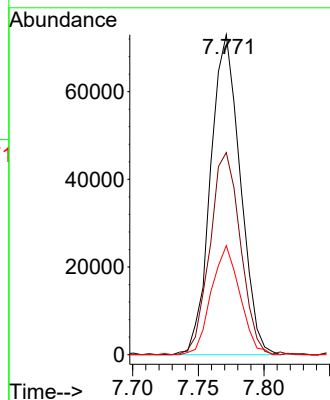
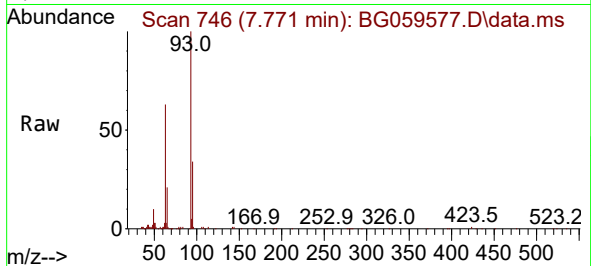




#10
Bis(2-Chloroethyl)ether
Concen: 18.088 ng/ul
RT: 7.771 min Scan# 746
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

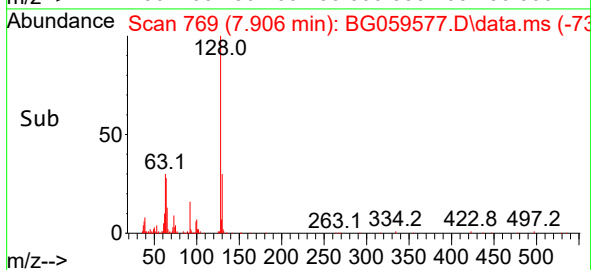
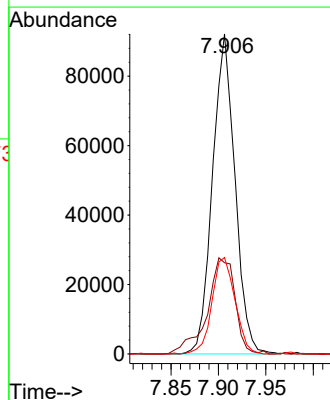
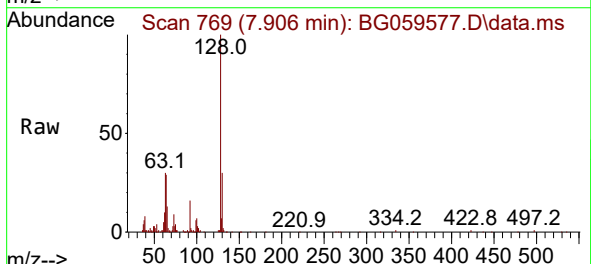
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

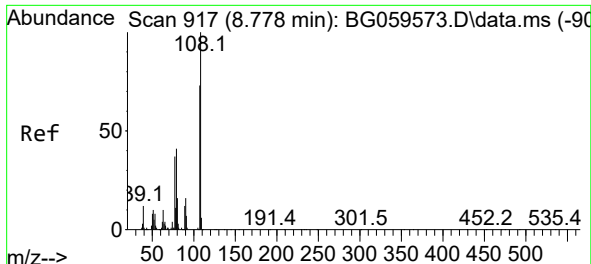
Tgt Ion: 93 Resp: 114737
Ion Ratio Lower Upper
93 100
63 63.1 52.5 78.7
95 34.1 26.5 39.7



#12
2-Chlorophenol
Concen: 20.565 ng/ul
RT: 7.906 min Scan# 769
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:128 Resp: 151762
Ion Ratio Lower Upper
128 100
64 28.5 30.2 45.2#
130 30.2 27.9 41.9





#13

2-Methylphenol

Concen: 16.562 ng/ul

RT: 8.776 min Scan# 917

Delta R.T. -0.002 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

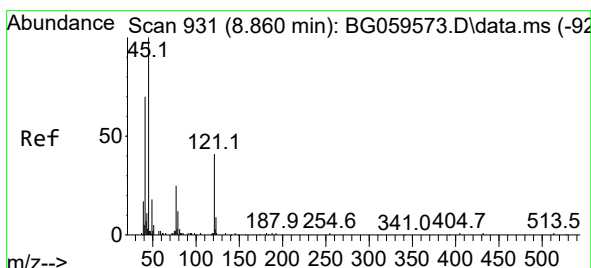
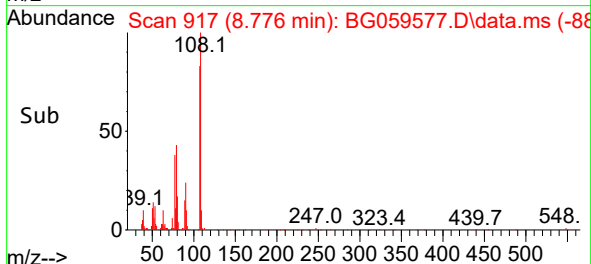
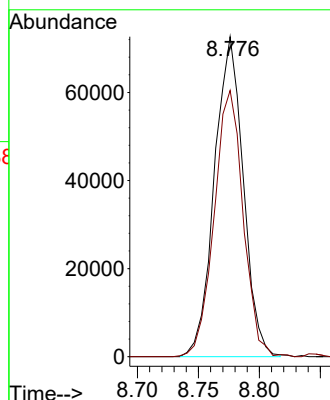
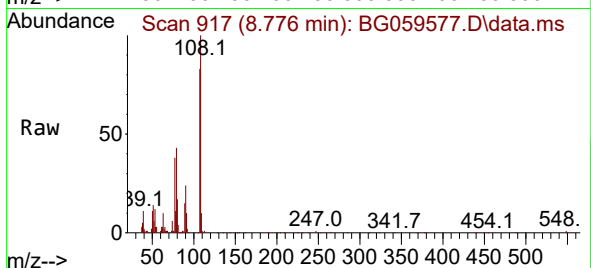
EOAS3MS

Tgt Ion:108 Resp: 119428

Ion Ratio Lower Upper

108 100

107 83.2 68.6 102.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.767 ng/ul

RT: 8.858 min Scan# 931

Delta R.T. -0.020 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

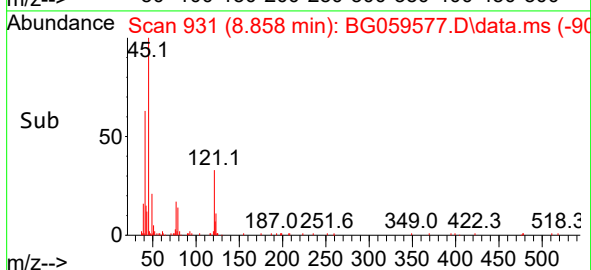
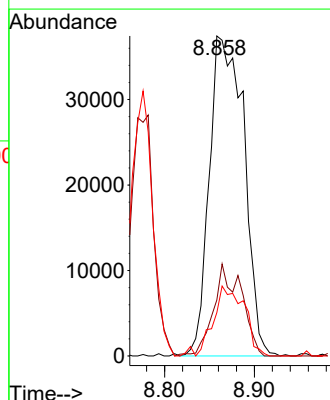
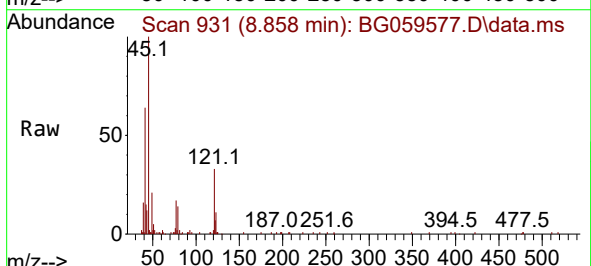
Tgt Ion: 45 Resp: 100088

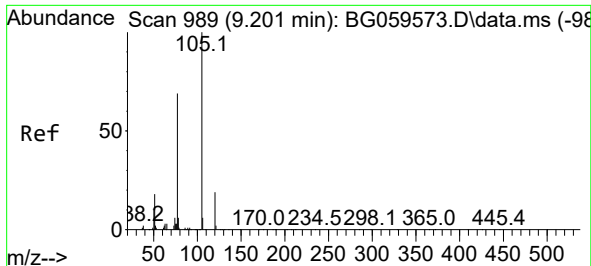
Ion Ratio Lower Upper

45 100

77 17.5 15.0 22.6

79 13.6 10.0 15.0

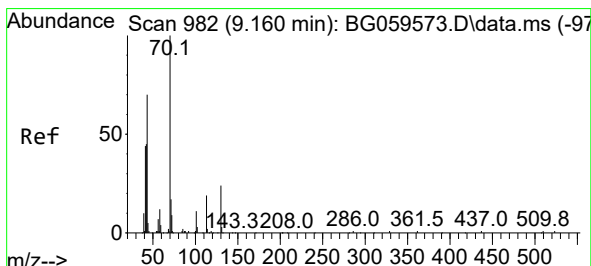
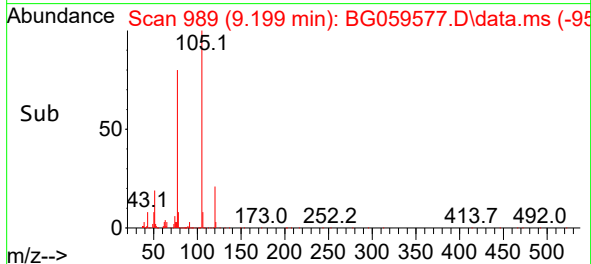
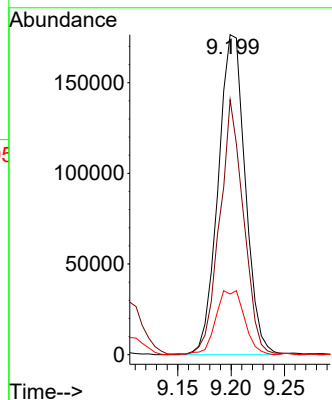
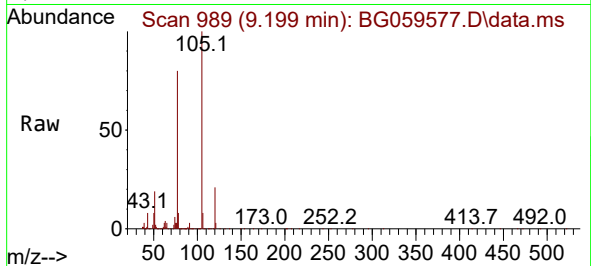




#16
Acetophenone
Concen: 27.194 ng/ul
RT: 9.199 min Scan# 91
Delta R.T. -0.008 min
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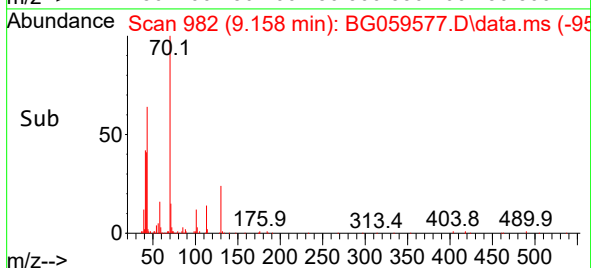
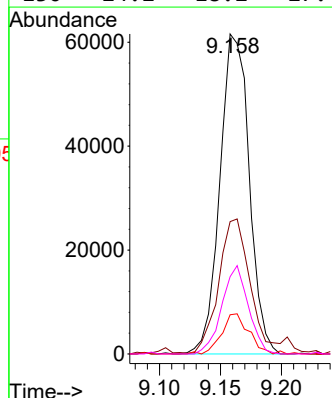
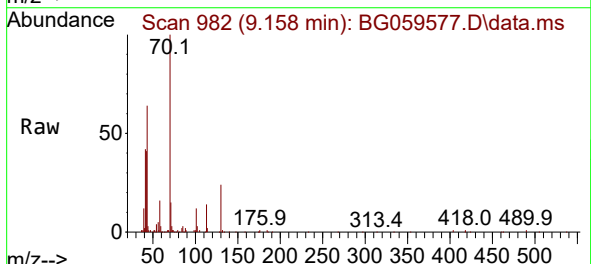
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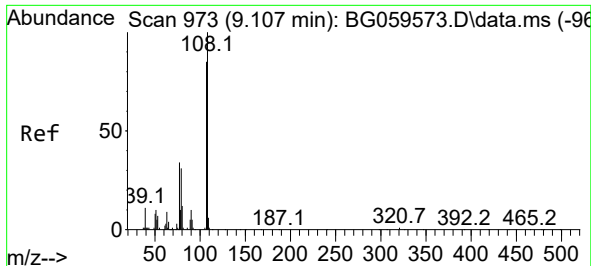
Tgt Ion:105 Resp: 312045
Ion Ratio Lower Upper
105 100
77 79.7 59.6 89.4
51 18.9 16.2 24.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.045 ng/ul
RT: 9.158 min Scan# 982
Delta R.T. -0.014 min
Lab File: BG059577.D
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Tgt Ion: 70 Resp: 102972
Ion Ratio Lower Upper
70 100
42 41.4 33.8 50.8
101 12.3 5.4 8.0#
130 24.2 18.2 27.4

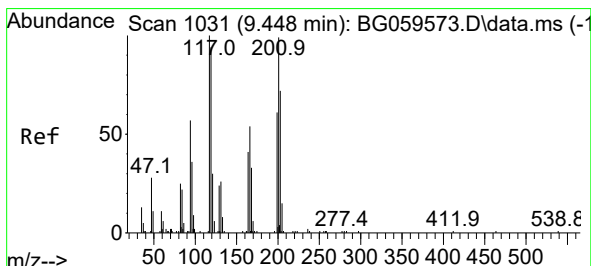
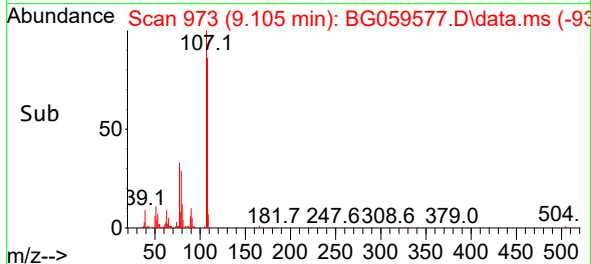
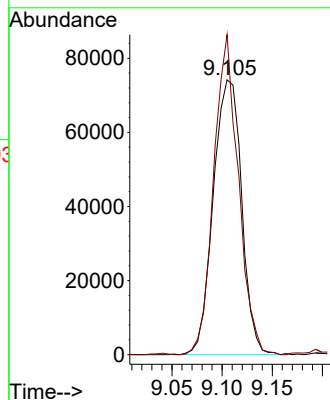
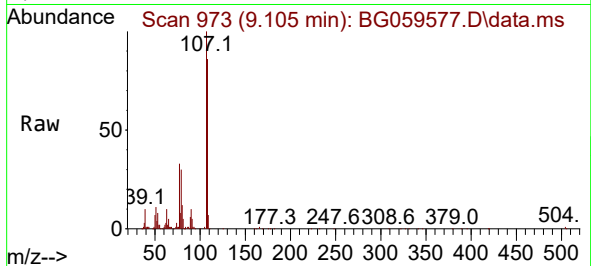




#18
4-Methylphenol
Concen: 18.982 ng/ul
RT: 9.105 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

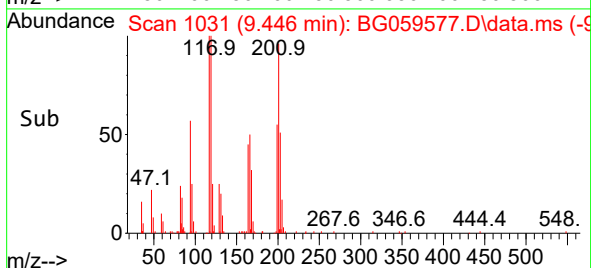
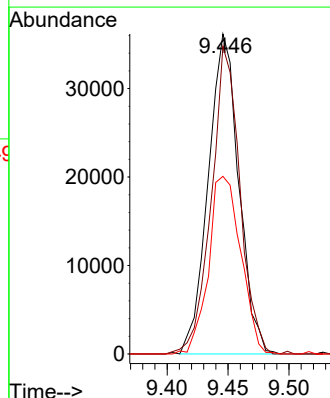
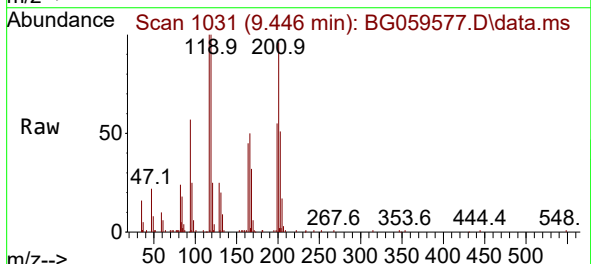
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

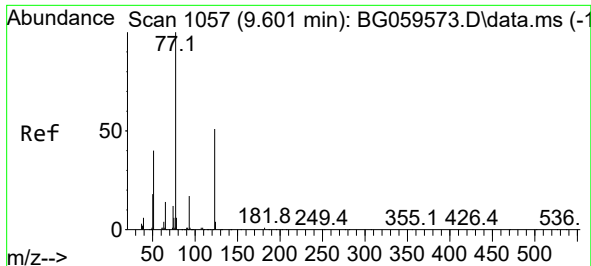
Tgt Ion:108 Resp: 145634
Ion Ratio Lower Upper
108 100
107 116.4 88.9 133.3



#19
Hexachloroethane
Concen: 21.513 ng/ul
RT: 9.446 min Scan# 1031
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:117 Resp: 63054
Ion Ratio Lower Upper
117 100
201 95.6 75.8 113.6
199 55.1 42.3 63.5

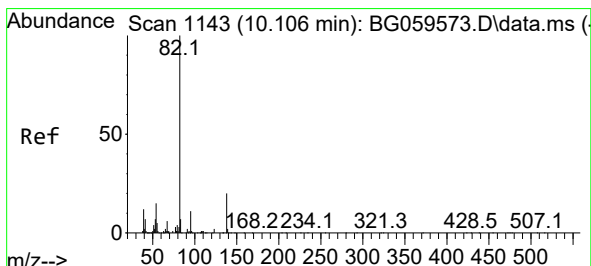
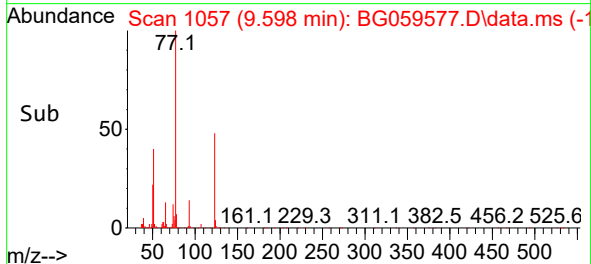
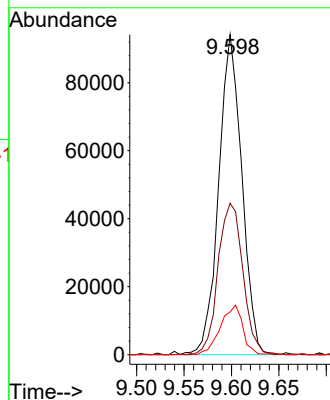
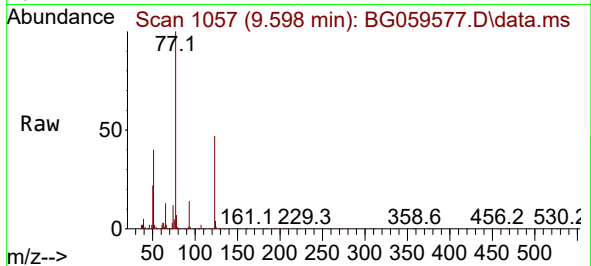




#22
Nitrobenzene
Concen: 24.627 ng/ul
RT: 9.598 min Scan# 1057
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

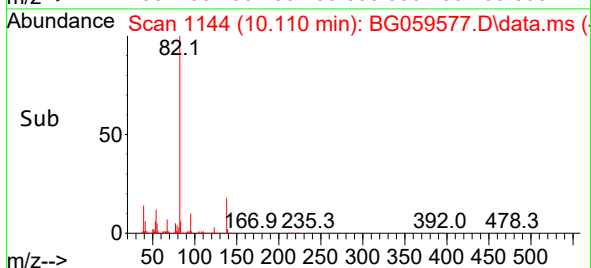
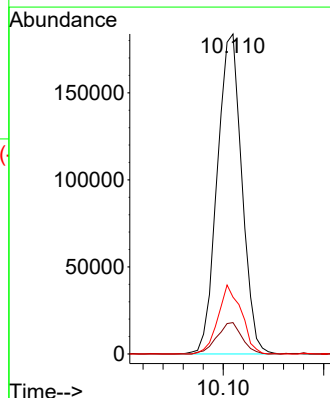
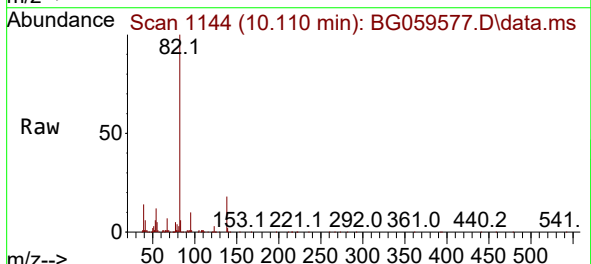
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

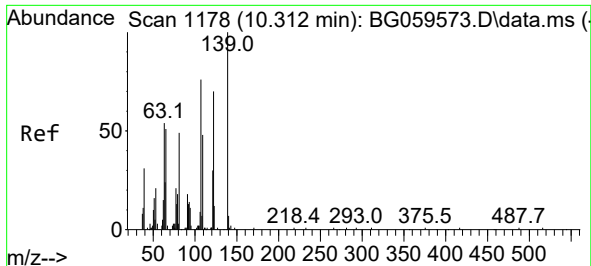
Tgt Ion: 77 Resp: 159904
Ion Ratio Lower Upper
77 100
123 47.4 42.6 63.8
65 13.3 11.0 16.4



#23
Isophorone
Concen: 19.128 ng/ul
RT: 10.110 min Scan# 1144
Delta R.T. -0.002 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion: 82 Resp: 312769
Ion Ratio Lower Upper
82 100
95 9.8 5.6 8.4#
138 17.7 12.3 18.5

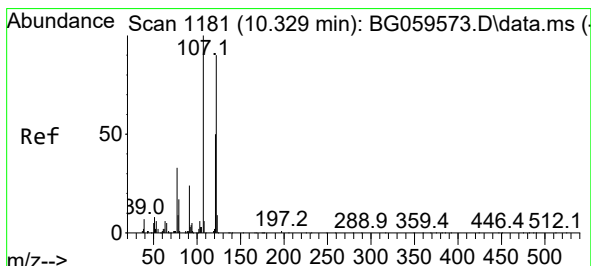
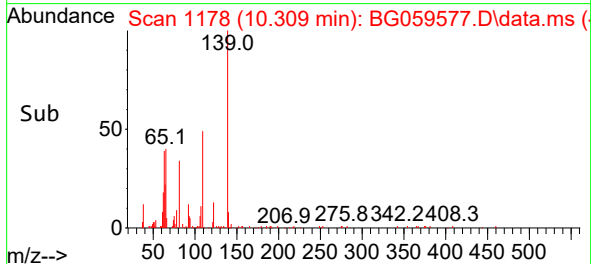
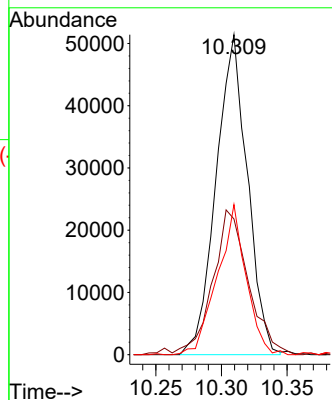
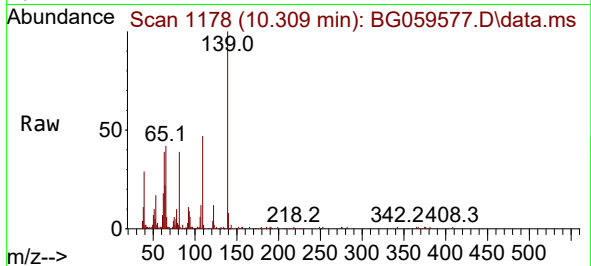




#25
2-Nitrophenol
Concen: 25.658 ng/ul
RT: 10.309 min Scan# 1178
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

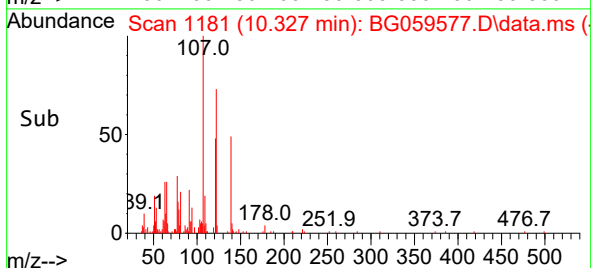
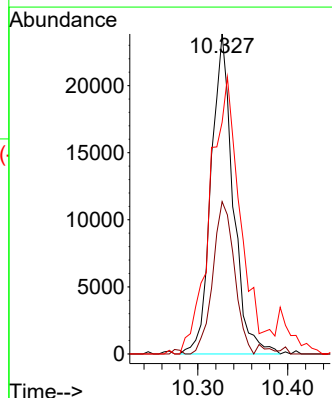
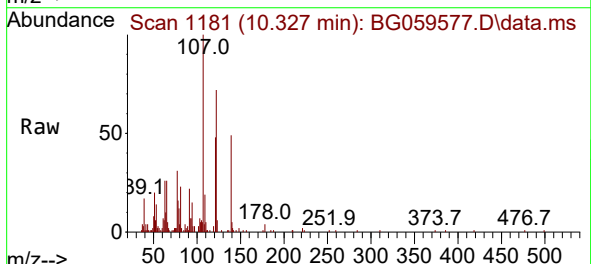
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

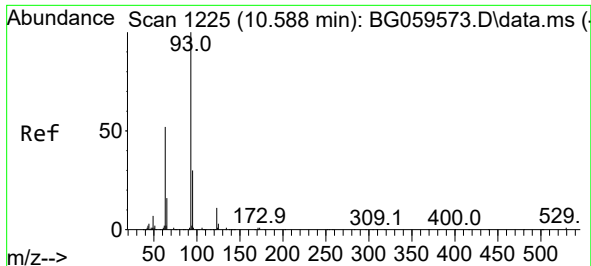
Tgt Ion:139 Resp: 85219
Ion Ratio Lower Upper
139 100
65 42.4 39.7 59.5
109 46.9 21.0 31.6#



#26
2,4-Dimethylphenol
Concen: 4.645 ng/ul
RT: 10.327 min Scan# 1181
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:107 Resp: 40580
Ion Ratio Lower Upper
107 100
121 47.6 42.7 64.1
122 72.4 72.6 108.8#

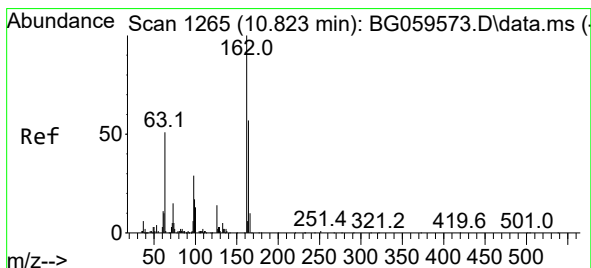
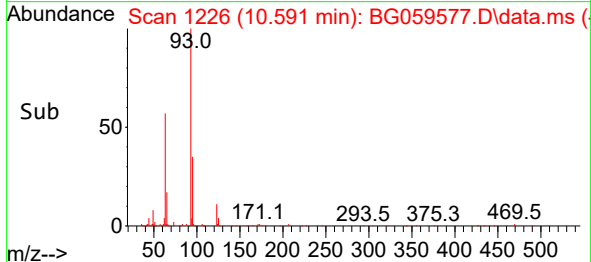
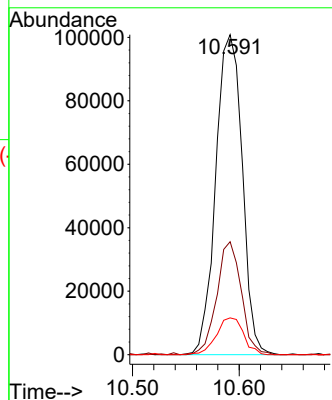
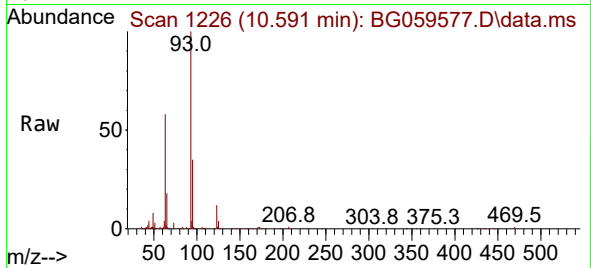




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.080 ng/ul
 RT: 10.591 min Scan# 1226
 Delta R.T. -0.008 min
 Lab File: BG059577.D
 Acq: 1 Nov 2023 13:18

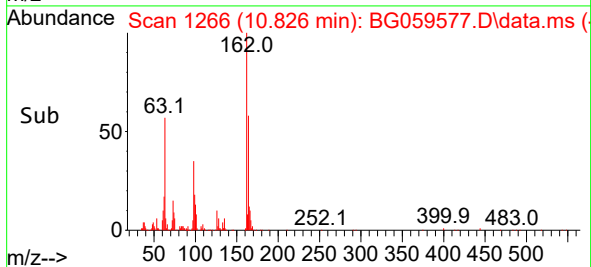
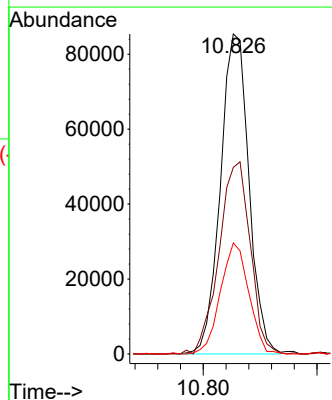
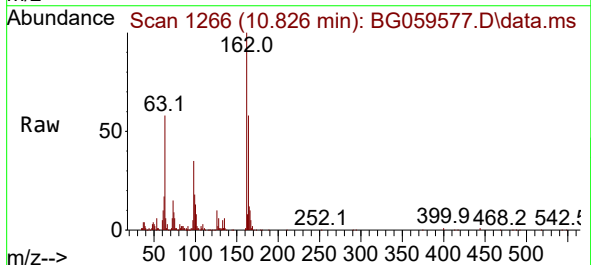
Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MS

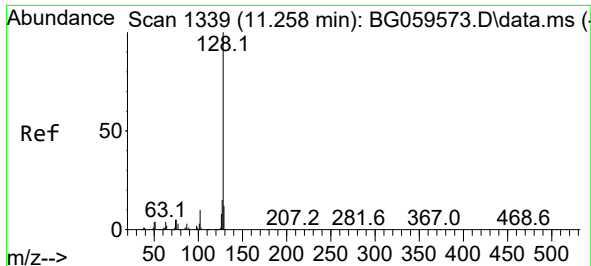
Tgt Ion: 93 Resp: 173718
 Ion Ratio Lower Upper
 93 100
 95 35.3 27.1 40.7
 123 11.5 10.3 15.5



#29
 2,4-Dichlorophenol
 Concen: 22.609 ng/ul
 RT: 10.826 min Scan# 1266
 Delta R.T. -0.003 min
 Lab File: BG059577.D
 Acq: 1 Nov 2023 13:18

Tgt Ion:162 Resp: 148827
 Ion Ratio Lower Upper
 162 100
 164 58.3 45.3 67.9
 98 34.7 32.2 48.4

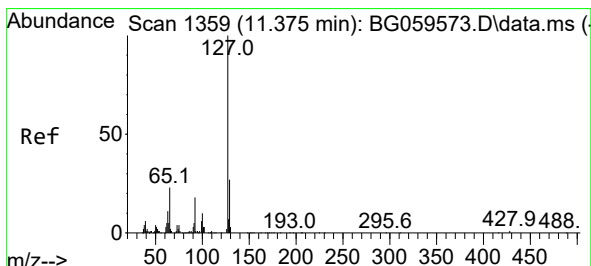
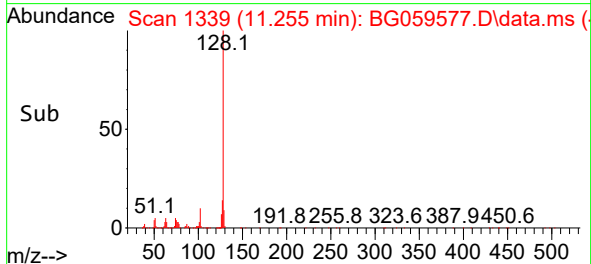
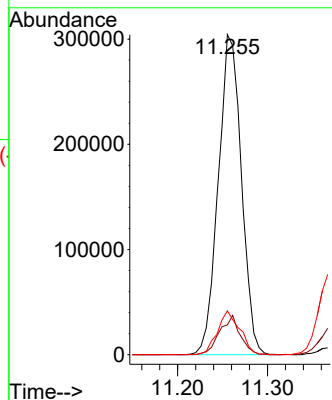
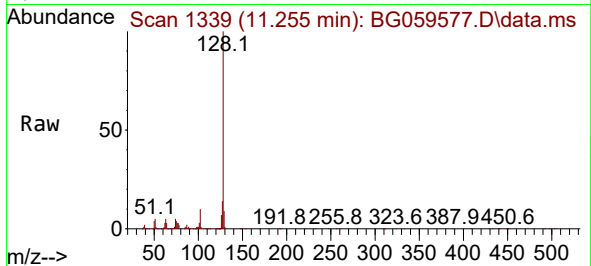




#30
Naphthalene
Concen: 20.619 ng/ul
RT: 11.255 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

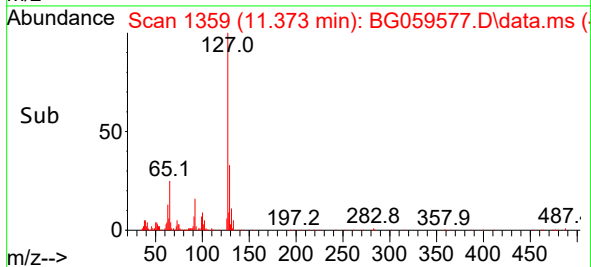
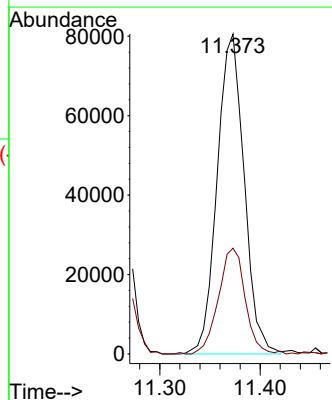
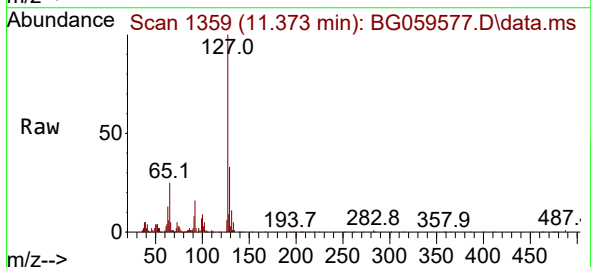
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

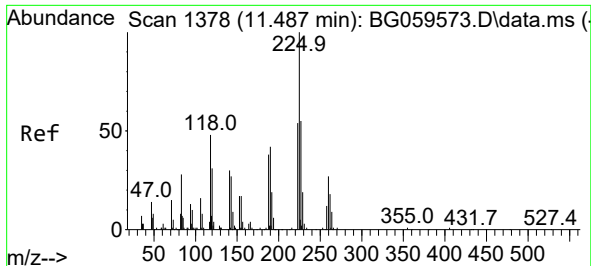
Tgt Ion:128 Resp: 543714
Ion Ratio Lower Upper
128 100
129 9.3 7.4 11.0
127 13.7 10.5 15.7



#32
4-Chloroaniline
Concen: 14.115 ng/ul
RT: 11.373 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:127 Resp: 150173
Ion Ratio Lower Upper
127 100
129 33.1 30.4 45.6

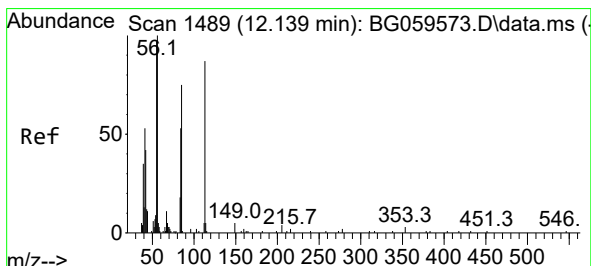
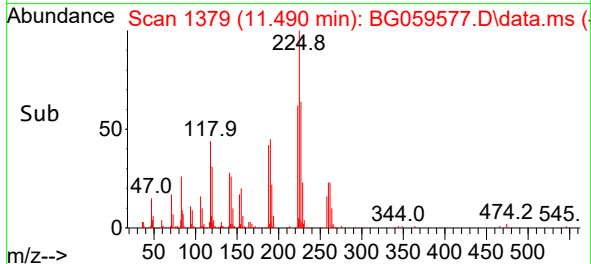
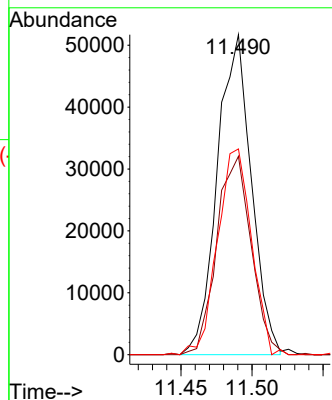
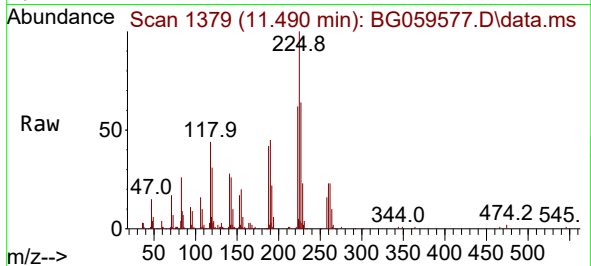




#33
Hexachlorobutadiene
Concen: 21.801 ng/ul
RT: 11.490 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

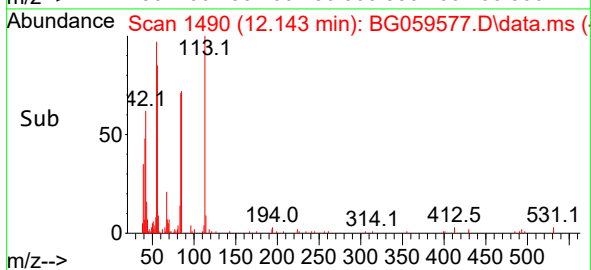
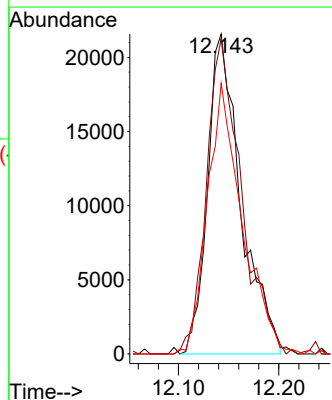
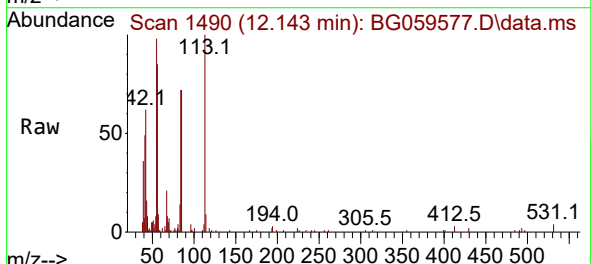
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

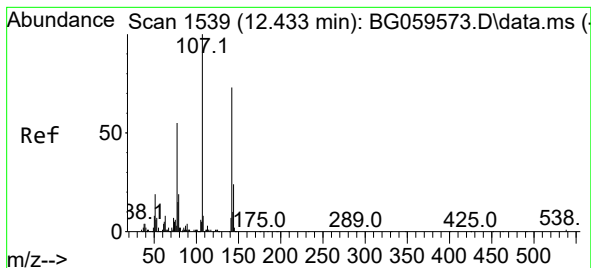
Tgt Ion:225 Resp: 86090
Ion Ratio Lower Upper
225 100
223 62.0 50.8 76.2
227 64.3 49.8 74.8



#34
Caprolactam
Concen: 20.573 ng/ul
RT: 12.143 min Scan# 1490
Delta R.T. -0.014 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:113 Resp: 49542
Ion Ratio Lower Upper
113 100
55 98.5 86.9 130.3
56 84.6 64.4 96.6

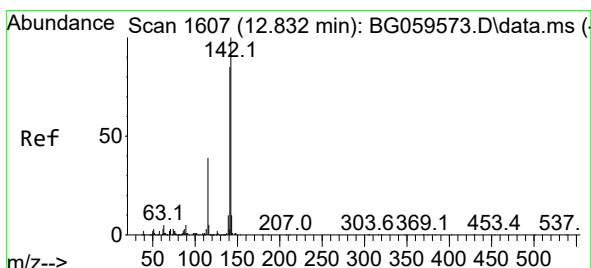
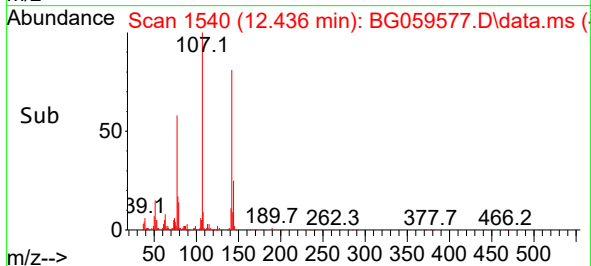
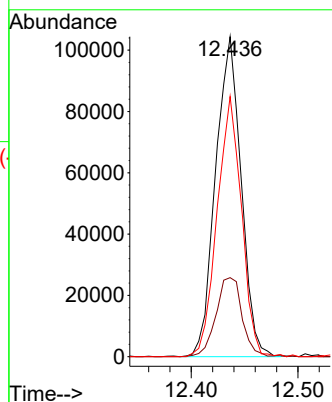
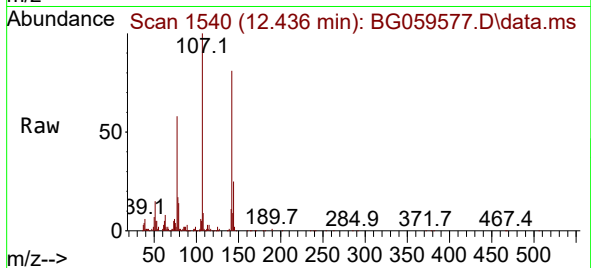




#35
4-Chloro-3-methylphenol
Concen: 22.118 ng/ul
RT: 12.436 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

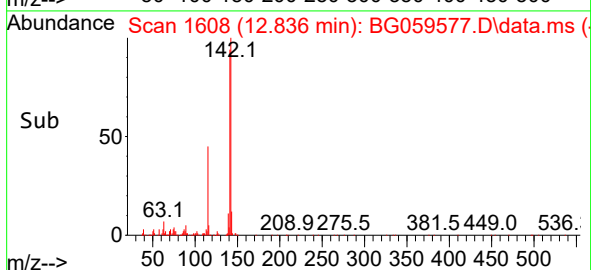
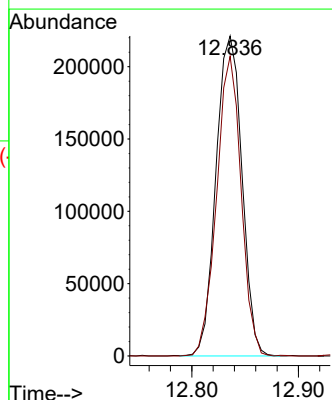
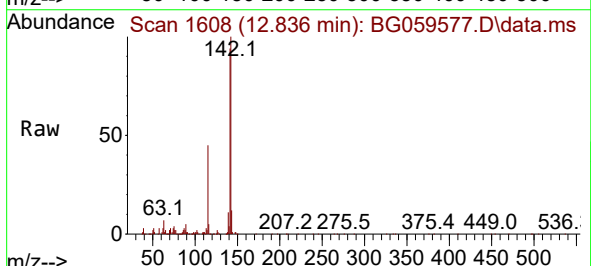
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

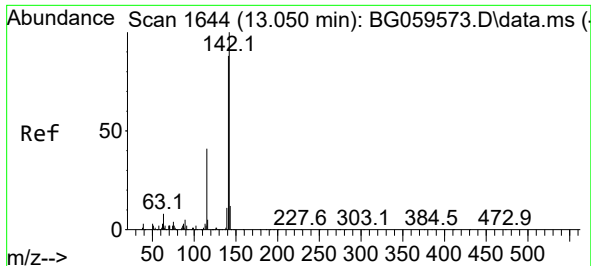
Tgt Ion:107 Resp: 173715
Ion Ratio Lower Upper
107 100
144 24.7 21.0 31.6
142 81.3 68.2 102.4



#36
2-Methylnaphthalene
Concen: 20.625 ng/ul
RT: 12.836 min Scan# 1608
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:142 Resp: 374166
Ion Ratio Lower Upper
142 100
141 93.7 71.7 107.5





#37

1-Methylnaphthalene

Concen: 20.450 ng/ul

RT: 13.053 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

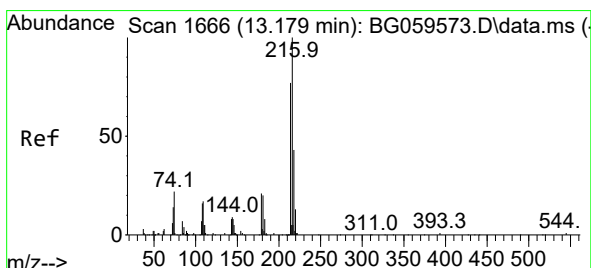
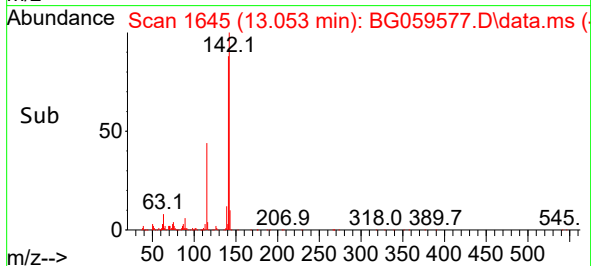
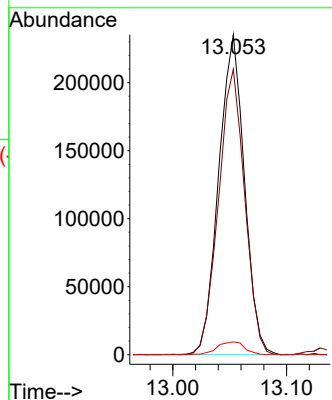
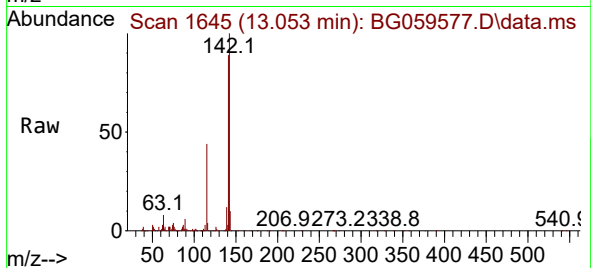
Tgt Ion:142 Resp: 369514

Ion Ratio Lower Upper

142 100

141 89.2 73.1 109.7

116 4.0 3.3 4.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.095 ng/ul

RT: 13.177 min Scan# 1666

Delta R.T. -0.003 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Tgt Ion:216 Resp: 168991

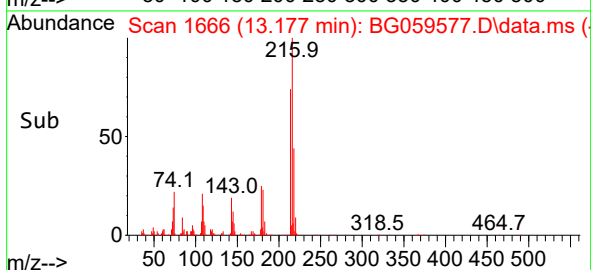
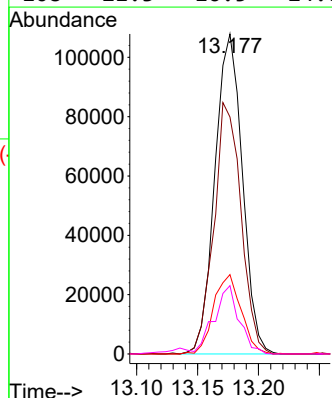
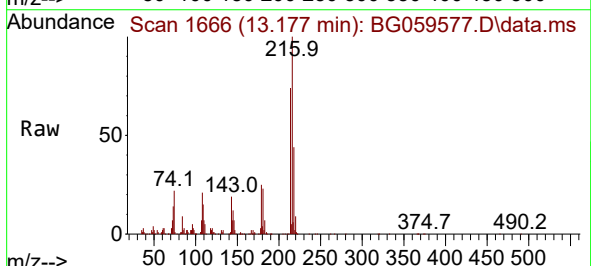
Ion Ratio Lower Upper

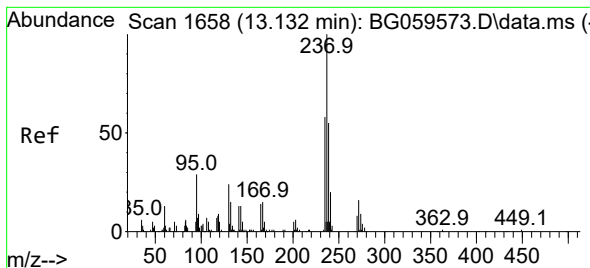
216 100

214 74.0 63.7 95.5

179 24.8 19.2 28.8

108 21.3 16.5 24.7





#40

Hexachlorocyclopentadiene

Concen: 9.614 ng/ul

RT: 13.130 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

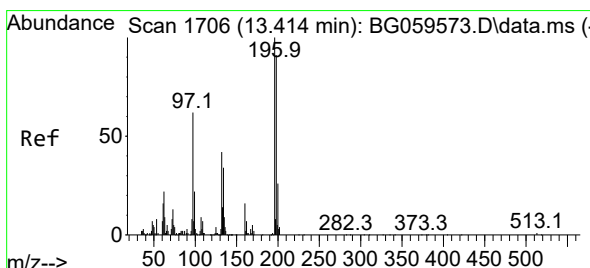
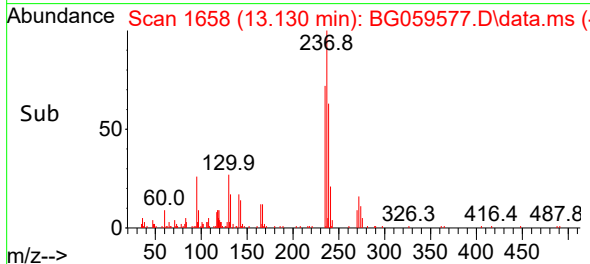
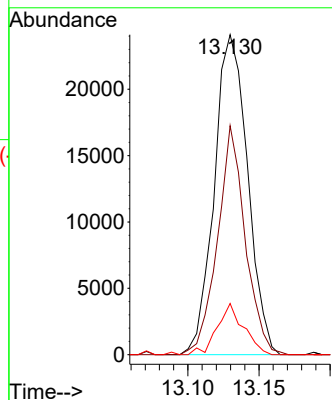
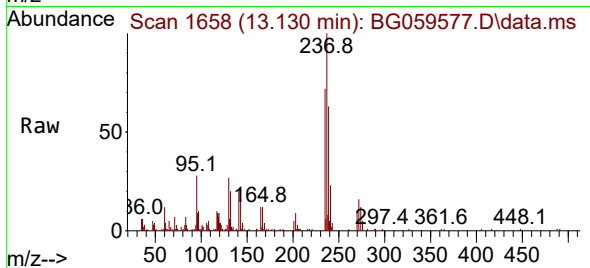
Tgt Ion:237 Resp: 39307

Ion Ratio Lower Upper

237 100

235 71.5 46.6 69.8#

272 16.0 13.0 19.4



#41

2,4,6-Trichlorophenol

Concen: 23.843 ng/ul

RT: 13.418 min Scan# 1707

Delta R.T. -0.002 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

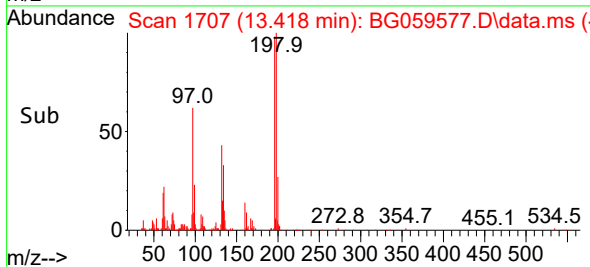
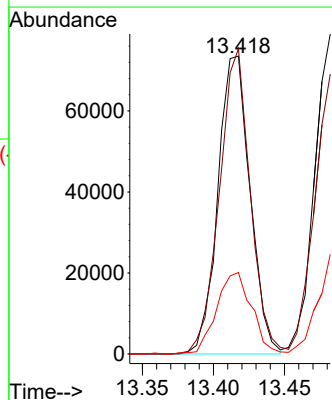
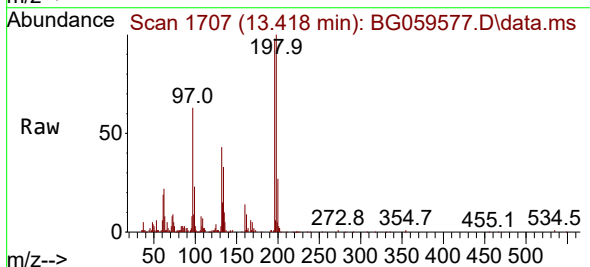
Tgt Ion:196 Resp: 115792

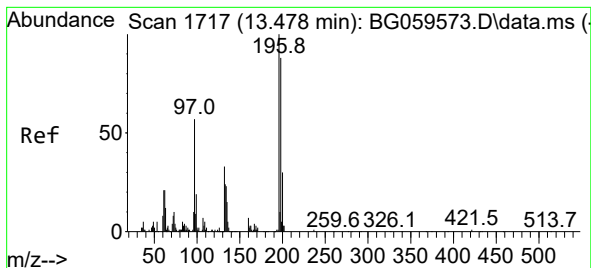
Ion Ratio Lower Upper

196 100

198 102.5 69.6 104.4

200 27.3 23.8 35.8





#42

2,4,5-Trichlorophenol

Concen: 24.746 ng/ul

RT: 13.482 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

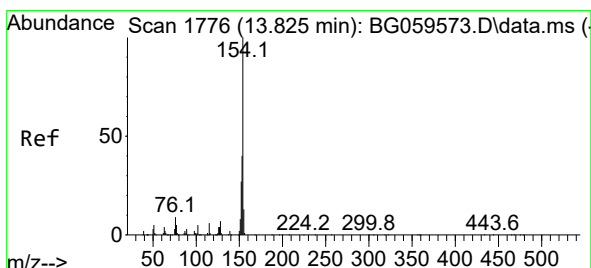
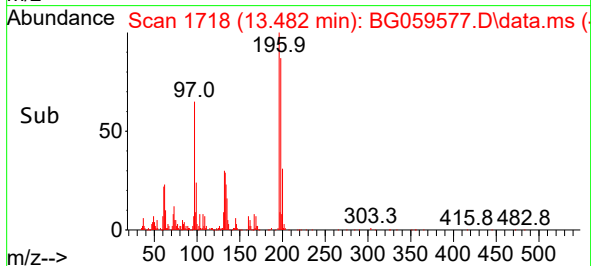
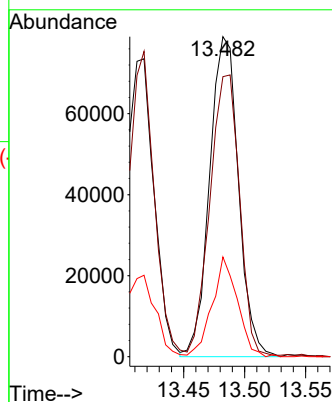
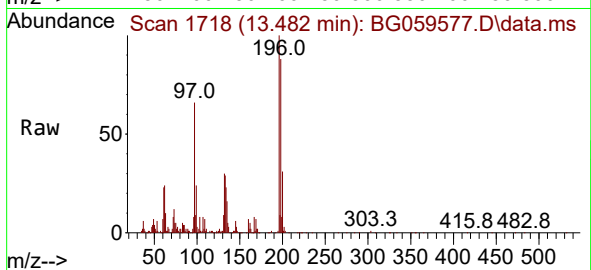
Tgt Ion:196 Resp: 130110

Ion Ratio Lower Upper

196 100

198 87.5 79.8 119.6

200 32.2 28.0 42.0



#43

1,1'-Biphenyl

Concen: 22.076 ng/ul

RT: 13.823 min Scan# 1776

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

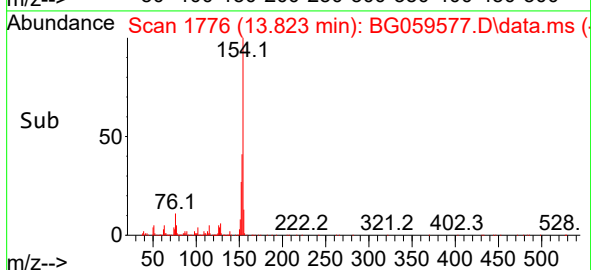
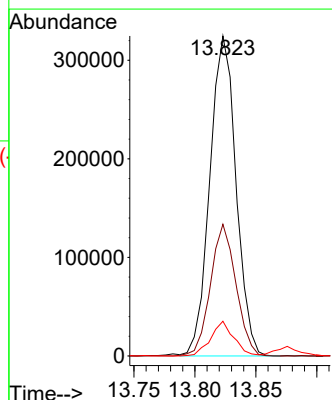
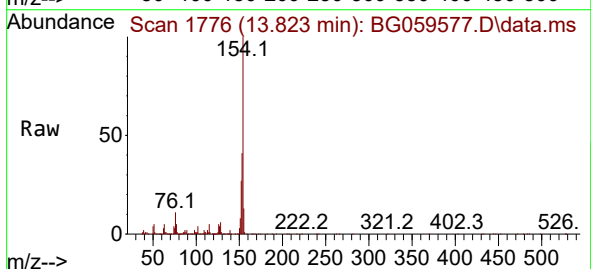
Tgt Ion:154 Resp: 485624

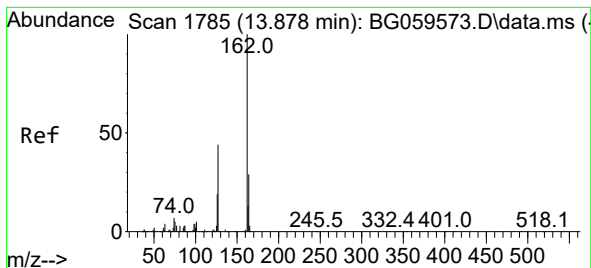
Ion Ratio Lower Upper

154 100

153 41.1 30.7 46.1

76 10.9 8.2 12.4





#44

2-Chloronaphthalene

Concen: 22.282 ng/ul

RT: 13.876 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

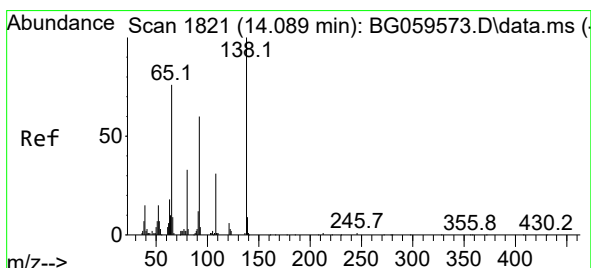
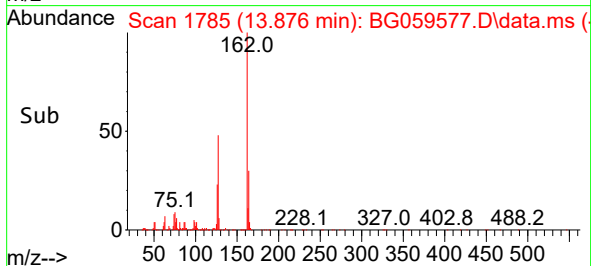
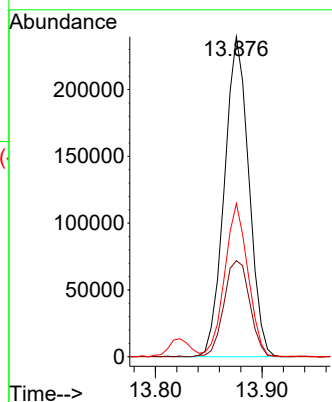
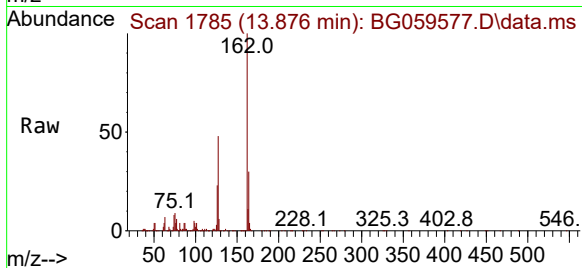
Tgt Ion:162 Resp: 380955

Ion Ratio Lower Upper

162 100

164 30.0 23.9 35.9

127 47.9 35.3 52.9



#45

2-Nitroaniline

Concen: 29.432 ng/ul

RT: 14.087 min Scan# 1821

Delta R.T. -0.002 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

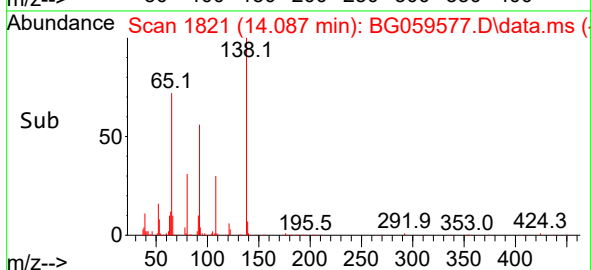
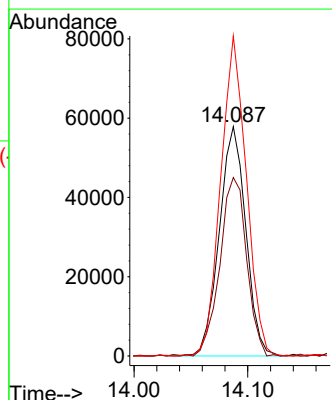
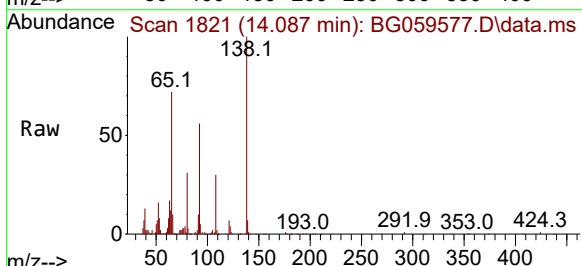
Tgt Ion: 65 Resp: 93629

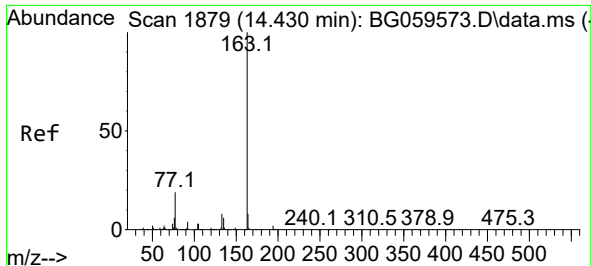
Ion Ratio Lower Upper

65 100

92 77.8 59.6 89.4

138 139.6 109.0 163.6

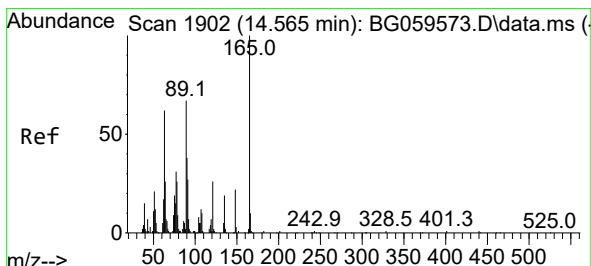
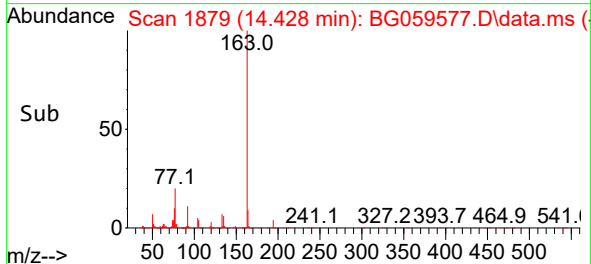
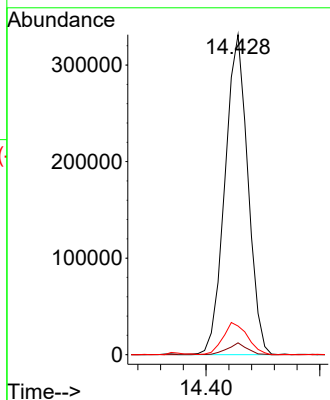
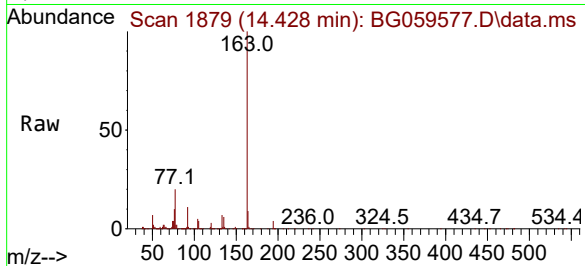




#47
Dimethylphthalate
Concen: 21.336 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

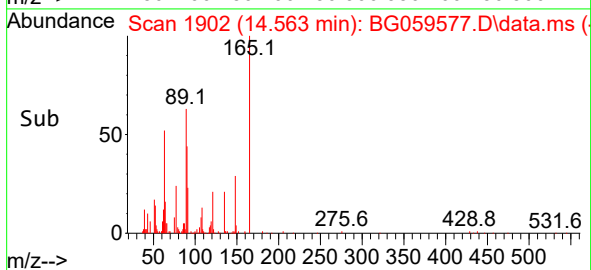
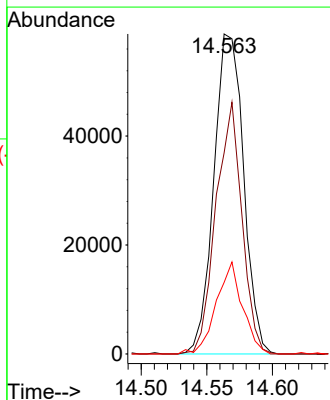
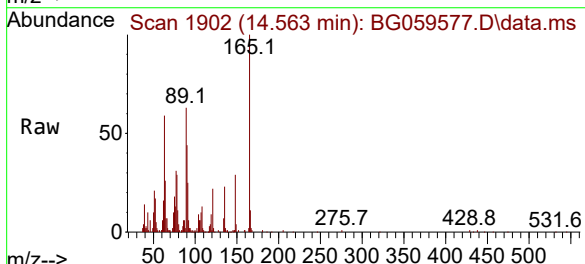
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

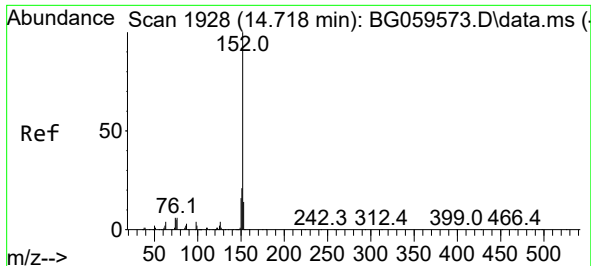
Tgt Ion:163 Resp: 464387
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 9.0 6.6 10.0



#48
2,6-Dinitrotoluene
Concen: 28.200 ng/ul
RT: 14.563 min Scan# 1902
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:165 Resp: 92589
Ion Ratio Lower Upper
165 100
89 62.8 41.0 61.4#
121 22.3 12.3 18.5#

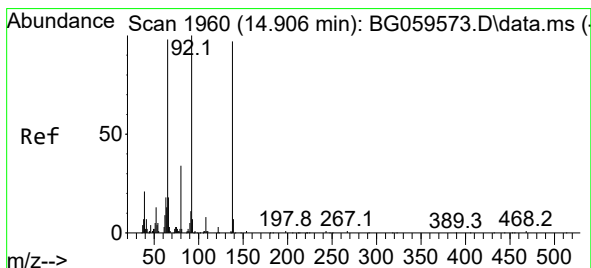
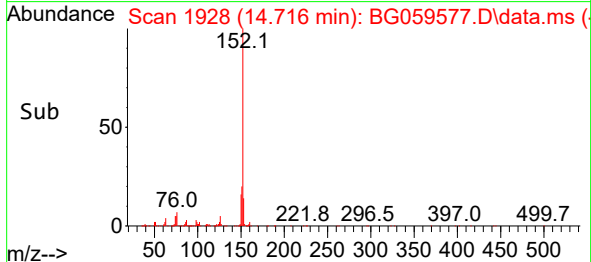
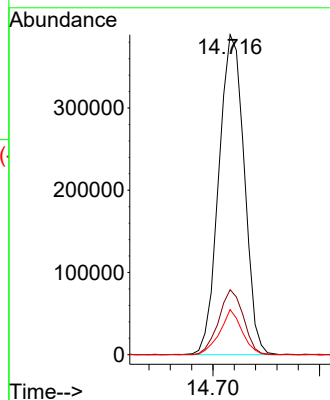
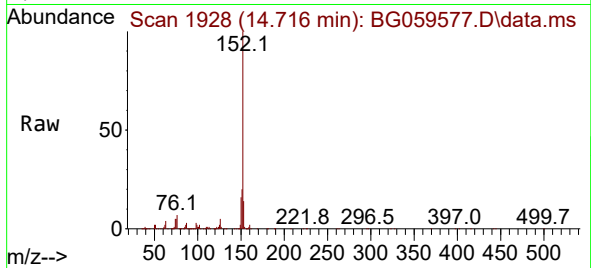




#50
Acenaphthylene
Concen: 21.635 ng/ul
RT: 14.716 min Scan# 1928
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

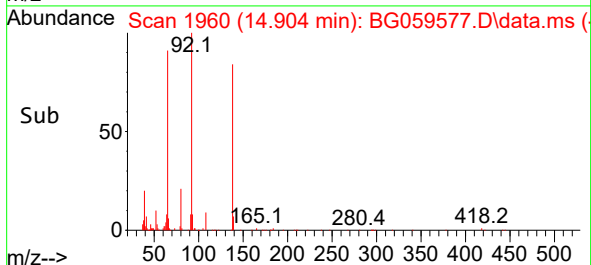
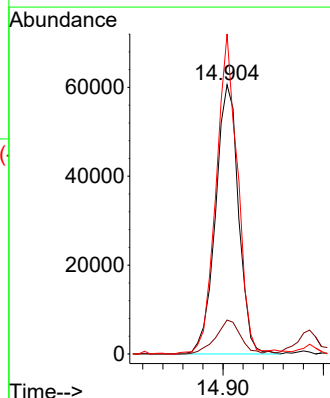
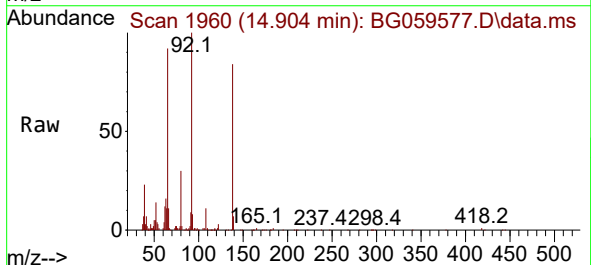
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

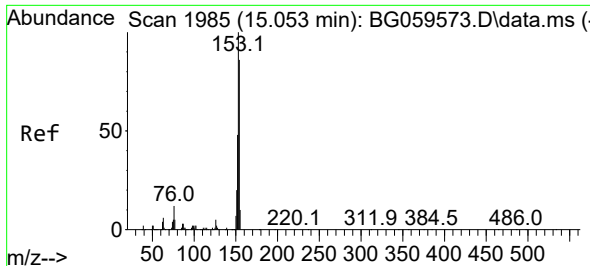
Tgt Ion:152 Resp: 644474
Ion Ratio Lower Upper
152 100
151 20.3 16.6 25.0
153 14.1 9.4 14.2



#51
3-Nitroaniline
Concen: 23.620 ng/ul
RT: 14.904 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:138 Resp: 96665
Ion Ratio Lower Upper
138 100
108 12.6 17.1 25.7#
92 118.8 101.8 152.8

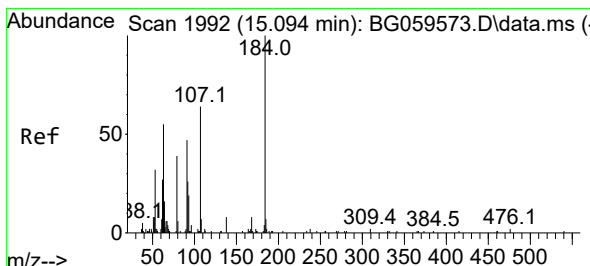
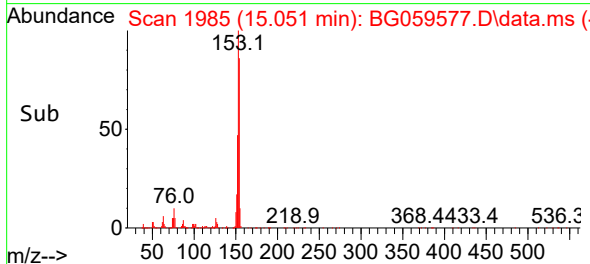
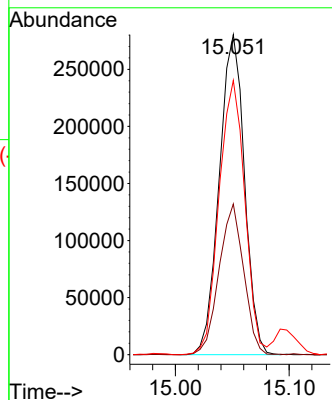
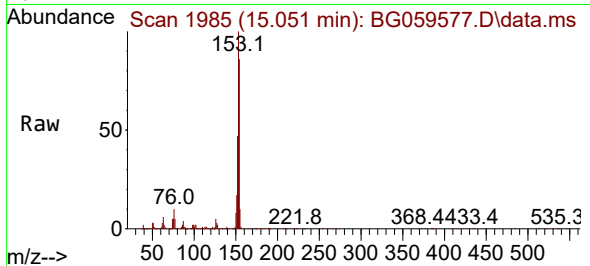




#52
Acenaphthene
Concen: 22.278 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

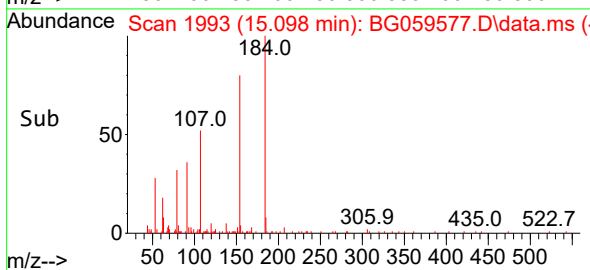
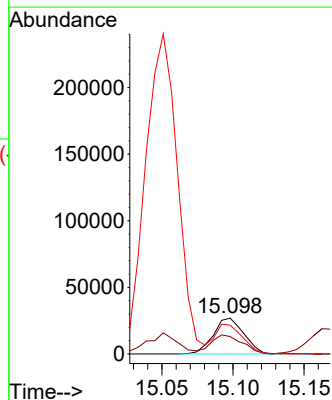
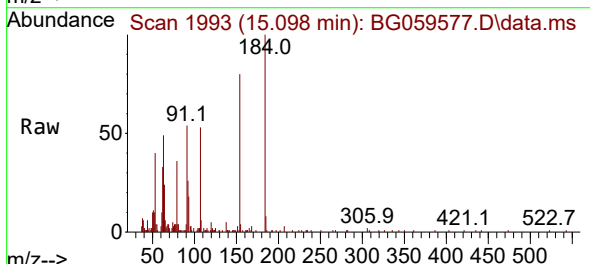
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

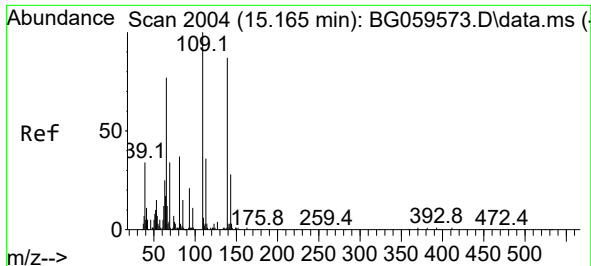
Tgt Ion:153 Resp: 432571
Ion Ratio Lower Upper
153 100
152 47.1 37.6 56.4
154 85.7 69.4 104.0



#53
2,4-Dinitrophenol
Concen: 21.534 ng/ul
RT: 15.098 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:184 Resp: 40172
Ion Ratio Lower Upper
184 100
63 48.8 35.0 52.6
154 80.2 49.8 74.8#

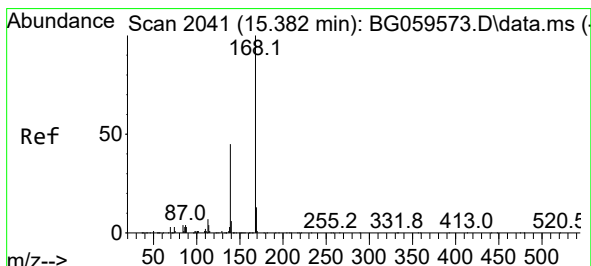
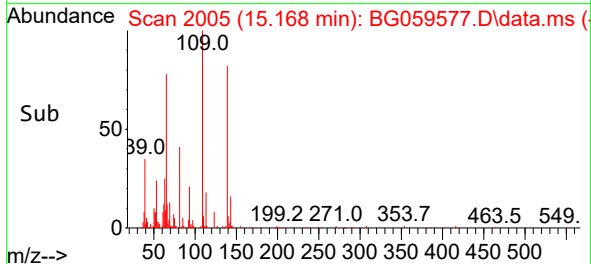
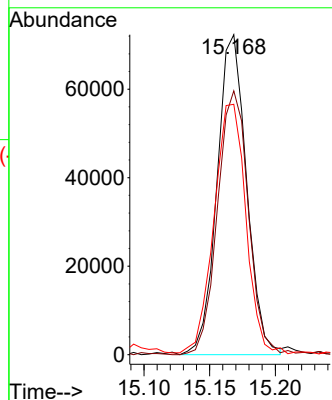
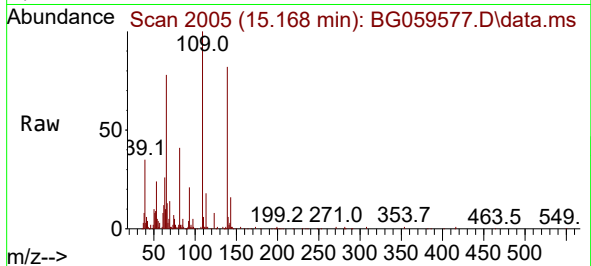




#55
4-Nitrophenol
Concen: 27.183 ng/ul
RT: 15.168 min Scan# 2004
Delta R.T. 0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

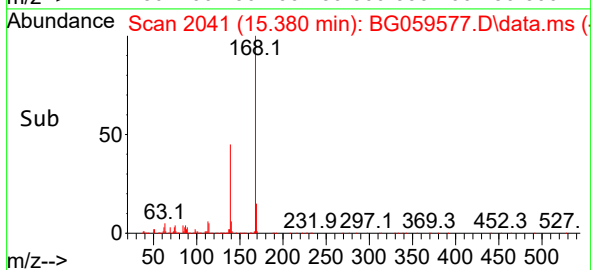
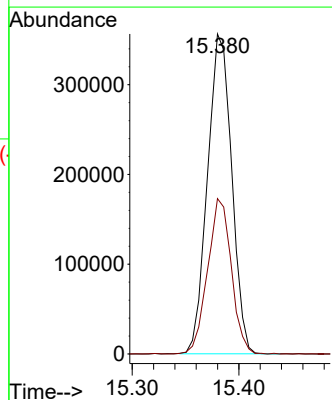
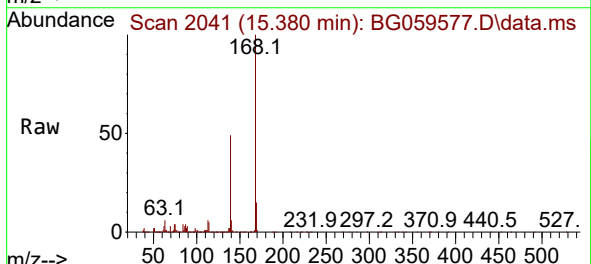
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

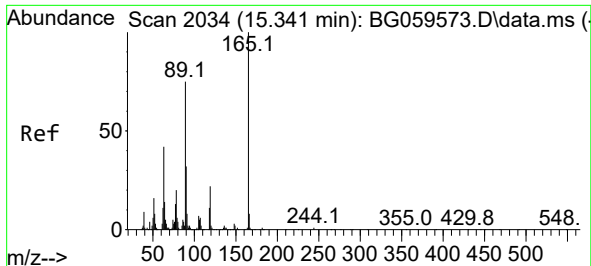
Tgt Ion:109 Resp: 113174
Ion Ratio Lower Upper
109 100
139 82.5 72.2 108.2
65 78.3 57.3 85.9



#56
Dibenzofuran
Concen: 22.302 ng/ul
RT: 15.380 min Scan# 2041
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:168 Resp: 561424
Ion Ratio Lower Upper
168 100
139 48.5 33.8 50.8

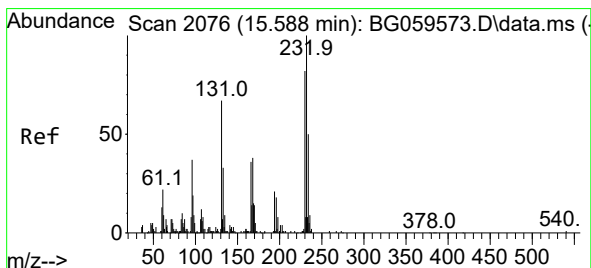
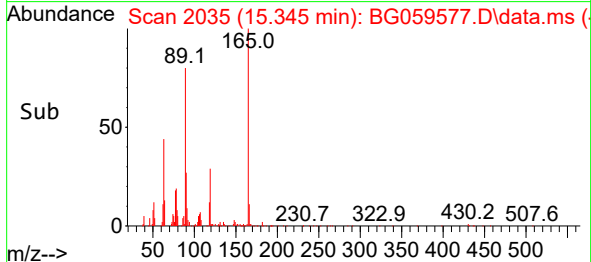
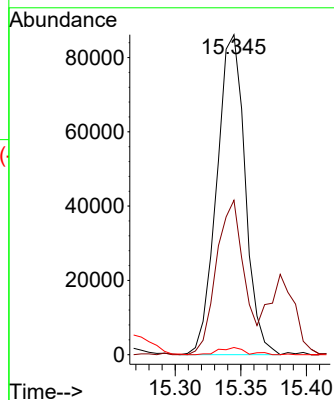
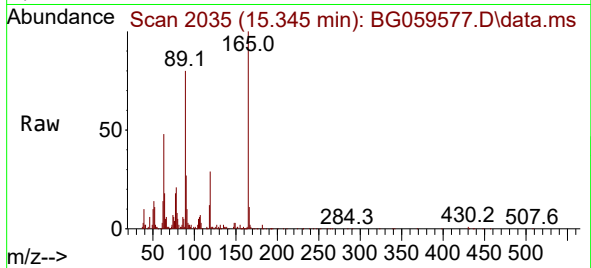




#57
2,4-Dinitrotoluene
Concen: 27.984 ng/ul
RT: 15.345 min Scan# 2034
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

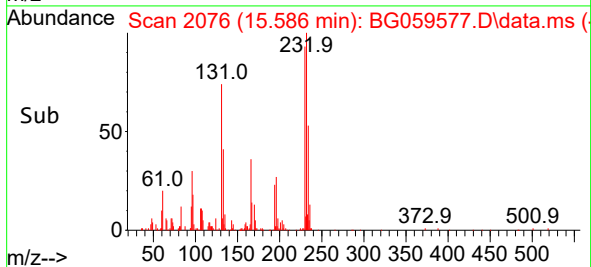
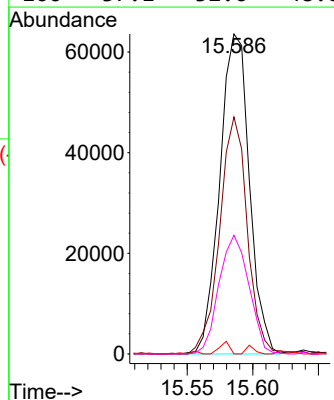
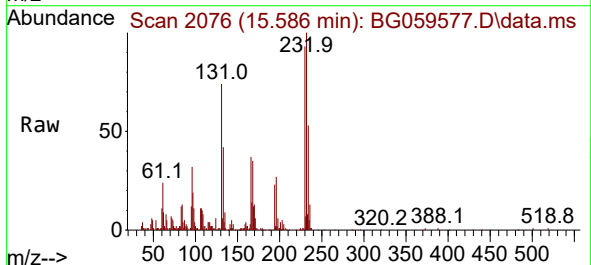
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

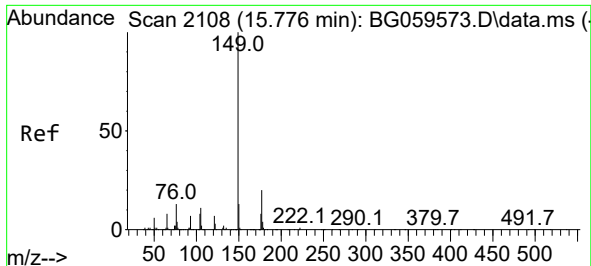
Tgt Ion:165 Resp: 129241
Ion Ratio Lower Upper
165 100
63 48.2 30.9 46.3#
182 2.2 1.8 2.6



#58
2,3,4,6-Tetrachlorophenol
Concen: 24.234 ng/ul
RT: 15.586 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:232 Resp: 100004
Ion Ratio Lower Upper
232 100
131 74.1 44.2 66.2#
130 0.0 2.3 3.5#
166 37.1 32.6 48.8

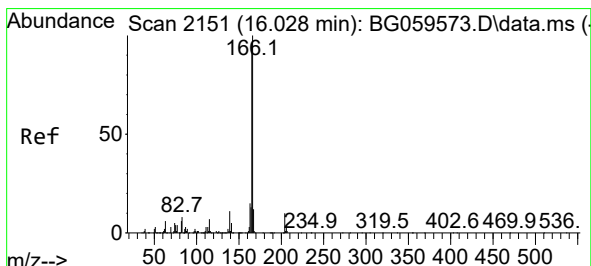
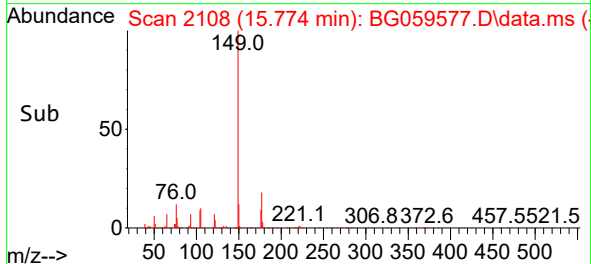
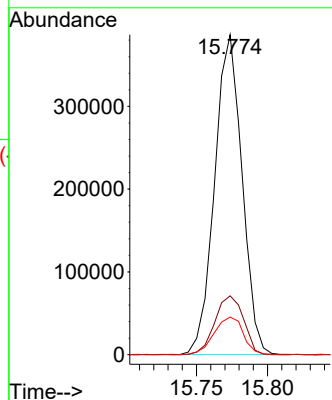
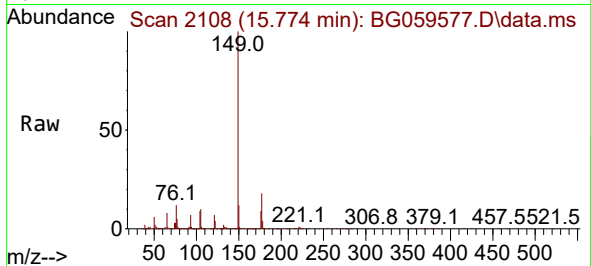




#59
Diethylphthalate
Concen: 21.777 ng/ul
RT: 15.774 min Scan# 2108
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

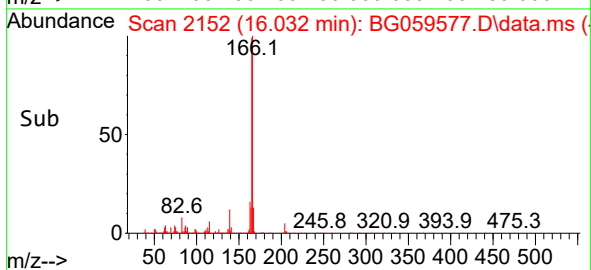
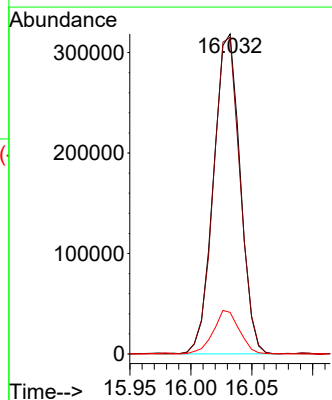
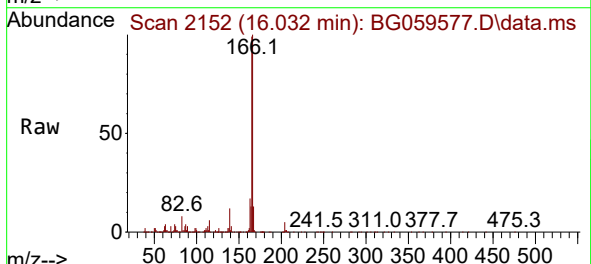
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

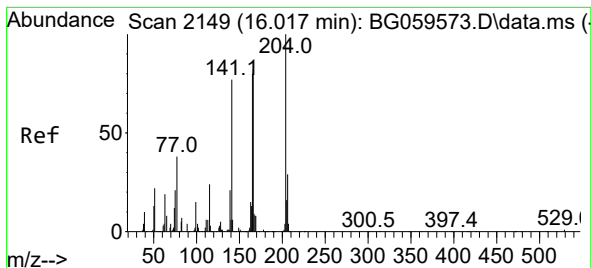
Tgt Ion:149 Resp: 517048
Ion Ratio Lower Upper
149 100
177 18.4 16.3 24.5
150 11.7 9.1 13.7



#61
Fluorene
Concen: 22.209 ng/ul
RT: 16.032 min Scan# 2152
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:166 Resp: 482638
Ion Ratio Lower Upper
166 100
165 99.0 74.4 111.6
167 13.0 9.1 13.7

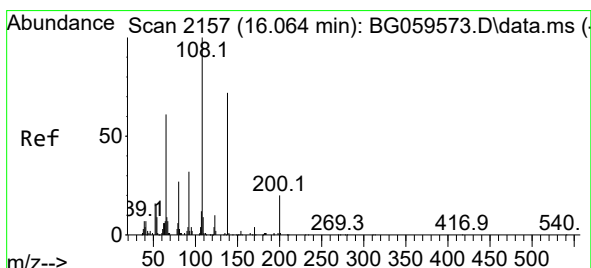
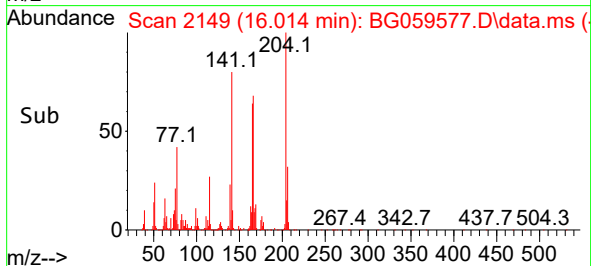
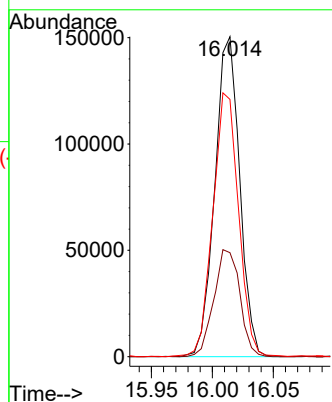
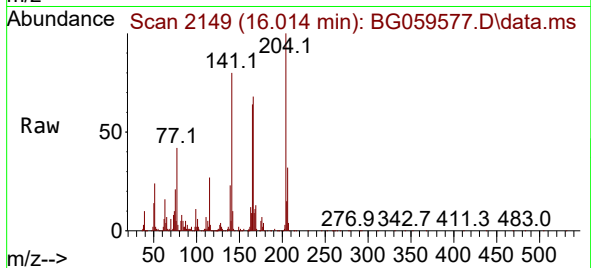




#62
4-Chlorophenyl-phenylether
Concen: 22.977 ng/ul
RT: 16.014 min Scan# 2149
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

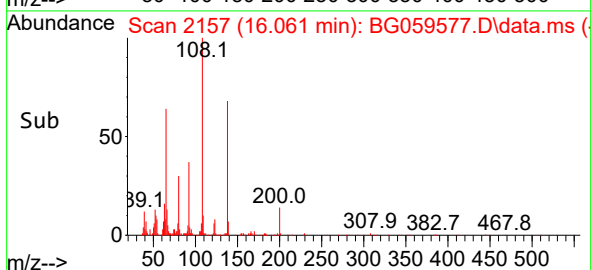
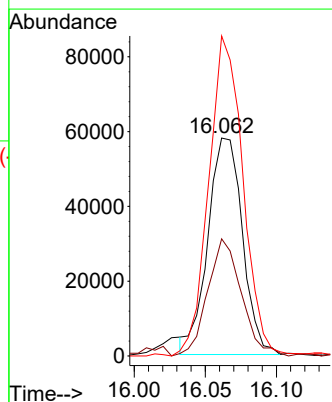
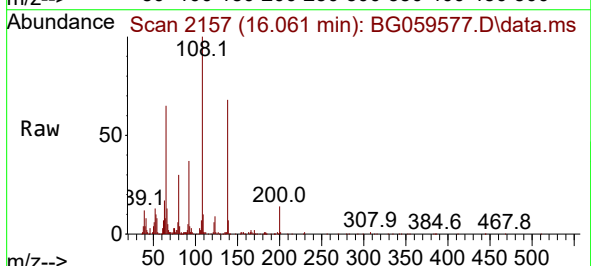
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

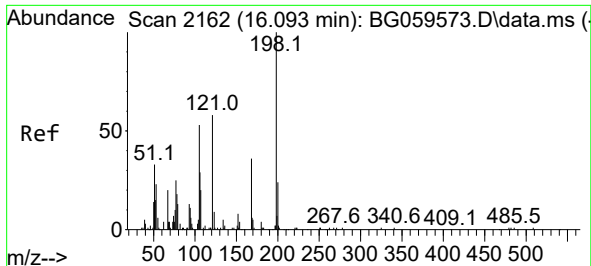
Tgt Ion:204 Resp: 213400
Ion Ratio Lower Upper
204 100
206 32.5 28.8 43.2
141 80.4 68.6 103.0



#63
4-Nitroaniline
Concen: 22.561 ng/ul
RT: 16.061 min Scan# 2157
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:138 Resp: 97984
Ion Ratio Lower Upper
138 100
92 53.7 49.8 74.8
108 146.9 100.9 151.3

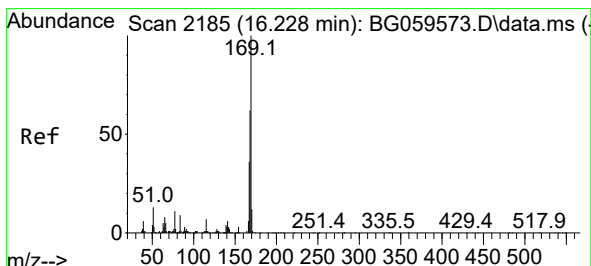
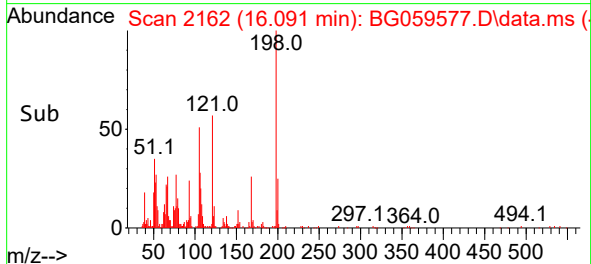
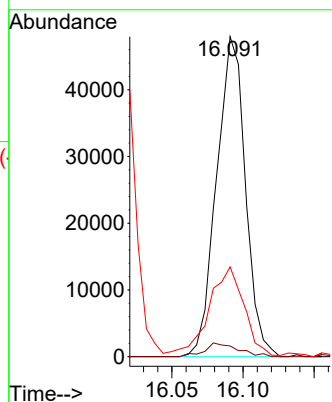
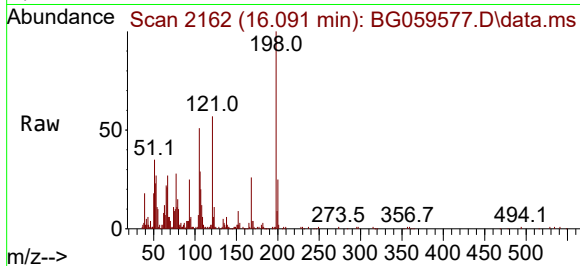




#66
4,6-Dinitro-2-methylphenol
Concen: 26.482 ng/ul
RT: 16.091 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

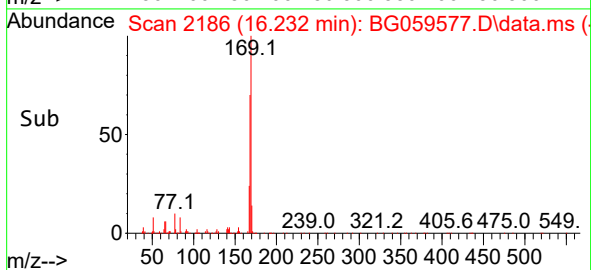
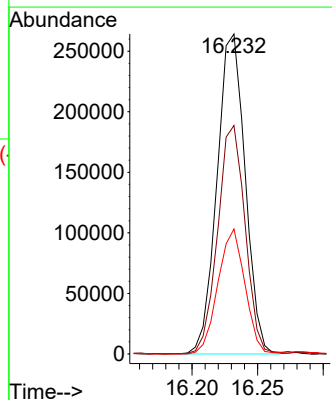
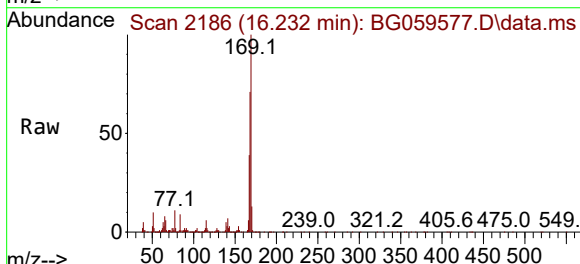
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

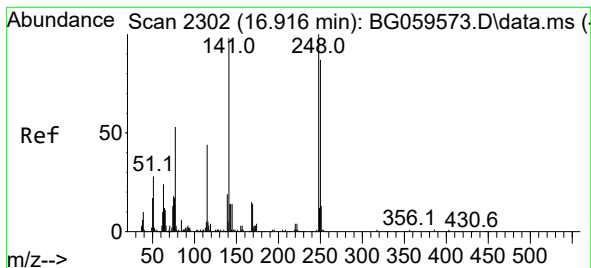
Tgt Ion:198 Resp: 67576
Ion Ratio Lower Upper
198 100
182 3.3 1.4 2.0#
77 28.1 15.8 23.8#



#67
N-Nitrosodiphenylamine
Concen: 22.555 ng/ul
RT: 16.232 min Scan# 2186
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:169 Resp: 394026
Ion Ratio Lower Upper
169 100
168 71.4 54.2 81.2
167 39.1 31.3 46.9

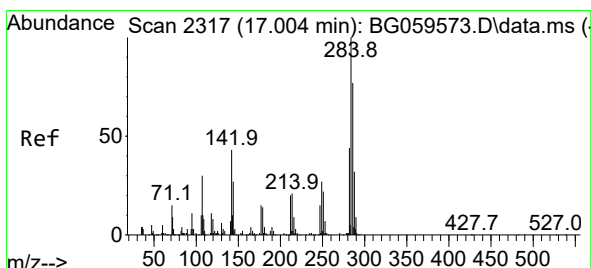
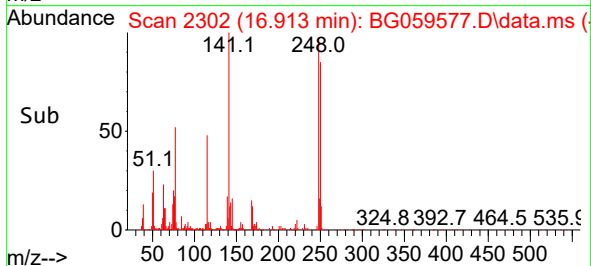
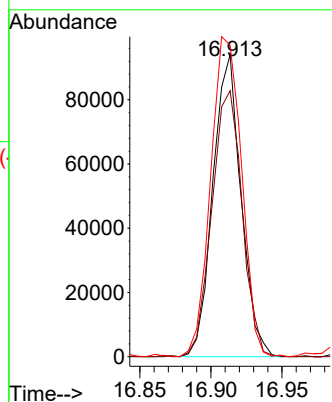
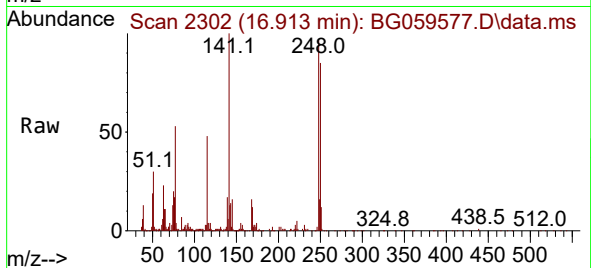




#68
4-Bromophenyl-phenylether
Concen: 25.287 ng/ul
RT: 16.913 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

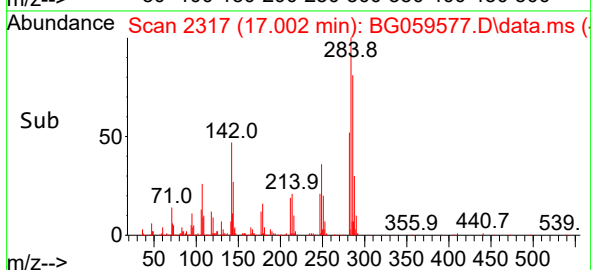
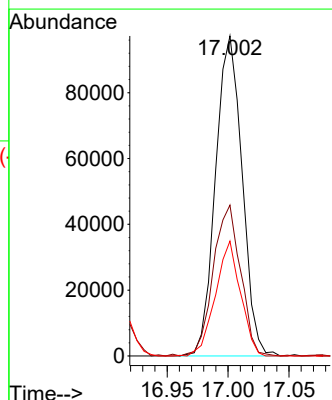
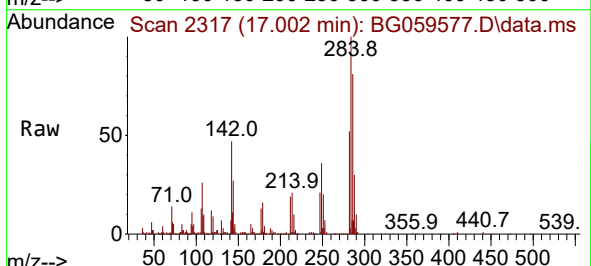
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

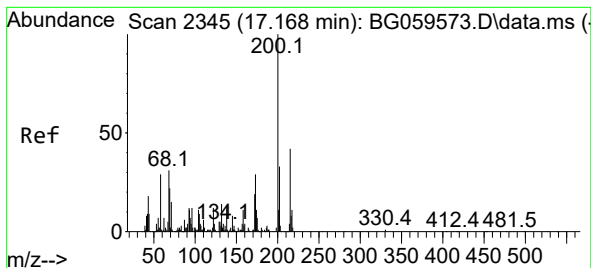
Tgt Ion:248 Resp: 129371
Ion Ratio Lower Upper
248 100
250 88.1 74.2 111.2
141 103.2 88.5 132.7



#69
Hexachlorobenzene
Concen: 24.952 ng/ul
RT: 17.002 min Scan# 2317
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:284 Resp: 147538
Ion Ratio Lower Upper
284 100
142 47.1 39.6 59.4
249 35.9 28.2 42.2





#70

Atrazine

Concen: 24.693 ng/ul

RT: 17.166 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

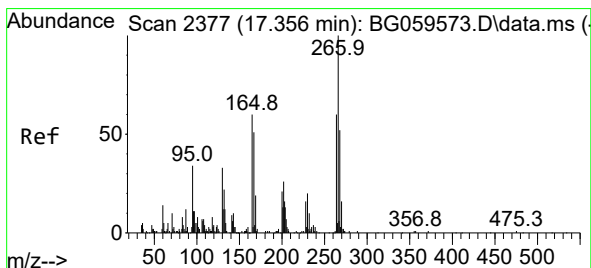
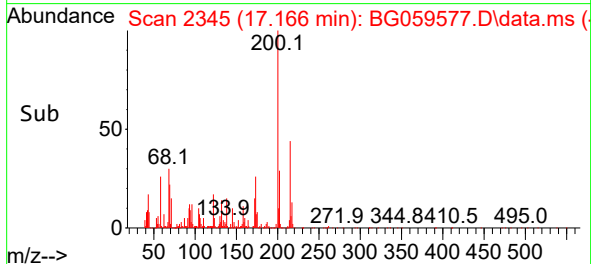
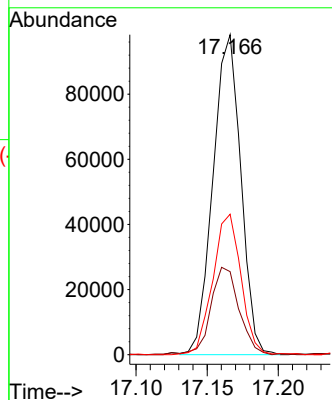
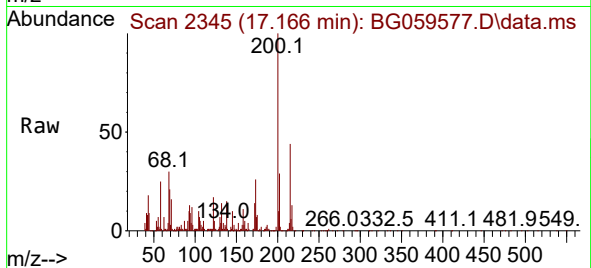
Tgt Ion:200 Resp: 133673

Ion Ratio Lower Upper

200 100

173 26.0 25.7 38.5

215 43.9 32.1 48.1



#71

Pentachlorophenol

Concen: 25.152 ng/ul

RT: 17.354 min Scan# 2377

Delta R.T. -0.003 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

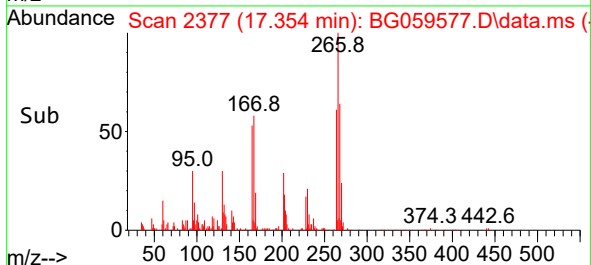
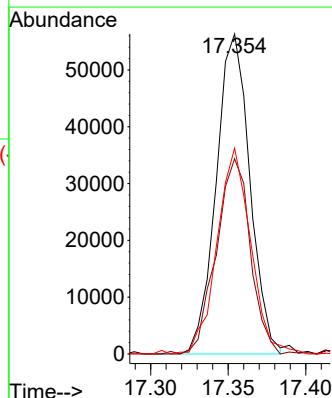
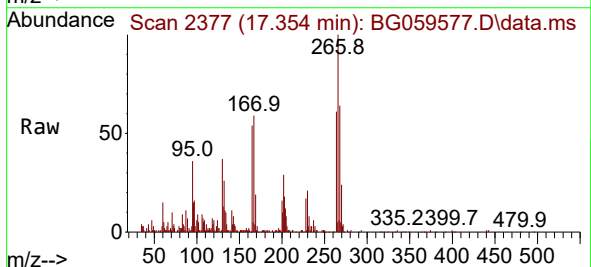
Tgt Ion:266 Resp: 84959

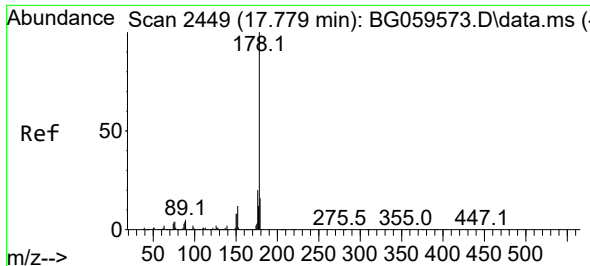
Ion Ratio Lower Upper

266 100

264 61.0 46.2 69.2

268 64.3 46.4 69.6

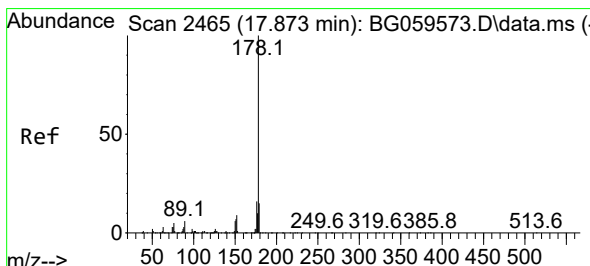
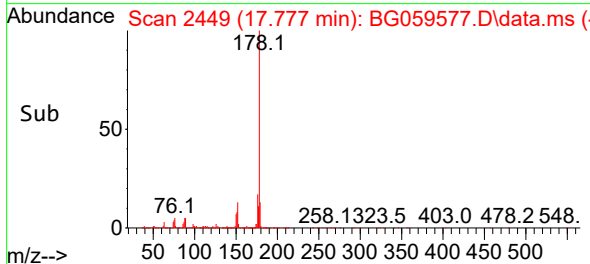
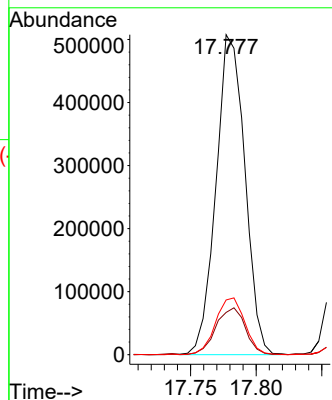
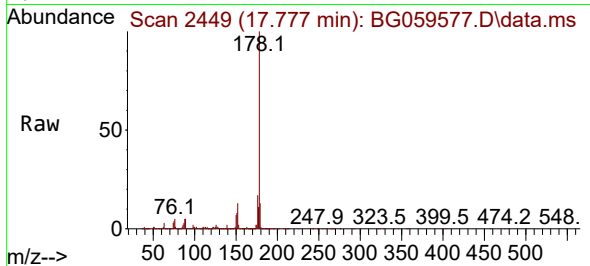




#72
Phenanthrene
Concen: 23.348 ng/ul
RT: 17.777 min Scan# 2449
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

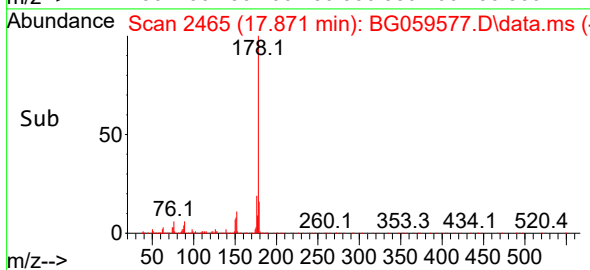
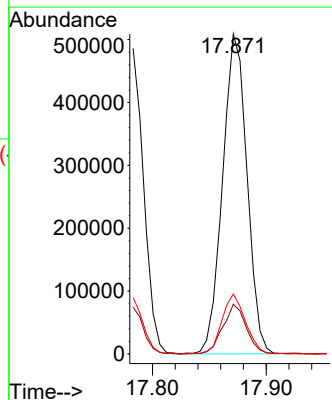
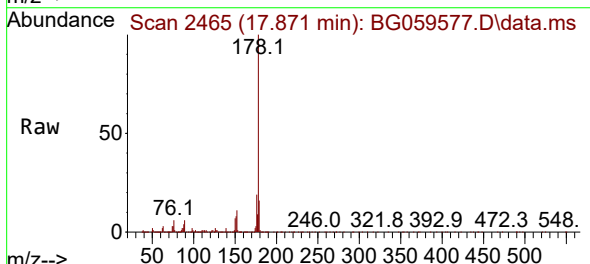
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

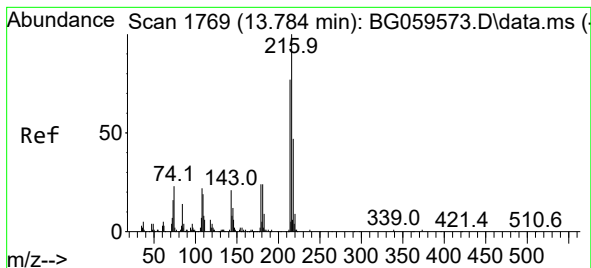
Tgt Ion:178 Resp: 776029
Ion Ratio Lower Upper
178 100
179 13.2 11.3 16.9
176 17.1 15.4 23.0



#74
Anthracene
Concen: 22.637 ng/ul
RT: 17.871 min Scan# 2465
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:178 Resp: 759679
Ion Ratio Lower Upper
178 100
179 15.5 13.1 19.7
176 18.7 13.9 20.9





#75

1,2,3,4-Tetrachlorobenzene

Concen: 23.223 ng/uL

RT: 13.782 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

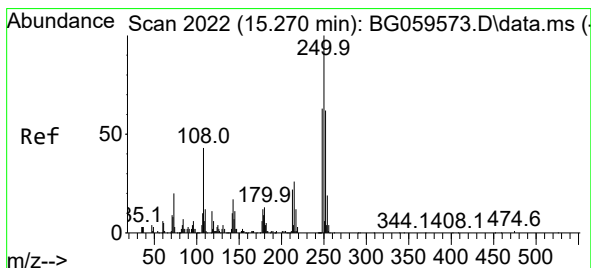
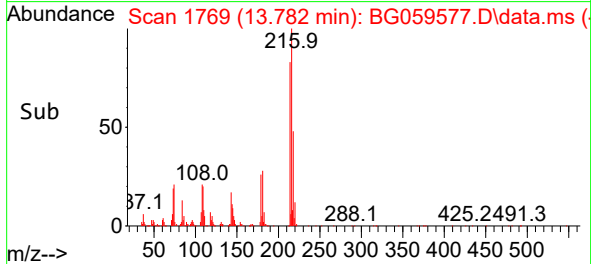
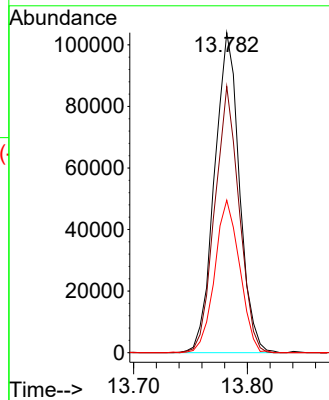
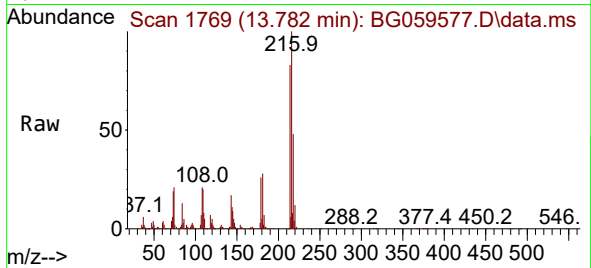
Tgt Ion:216 Resp: 158115

Ion Ratio Lower Upper

216 100

214 83.2 70.2 105.2

218 47.7 39.9 59.9



#76

Pentachlorobenzene

Concen: 23.214 ng/uL

RT: 15.274 min Scan# 2023

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

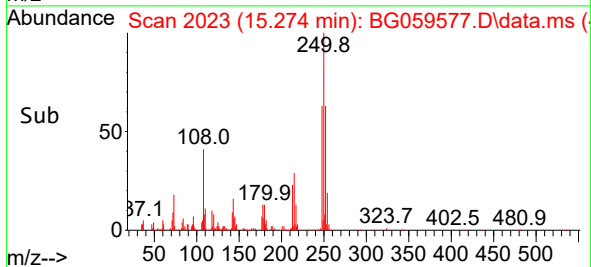
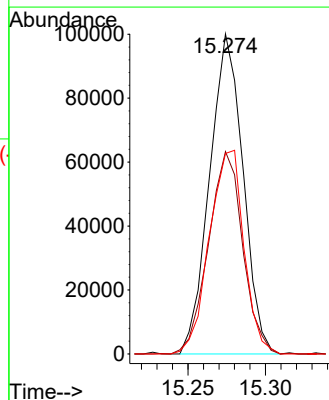
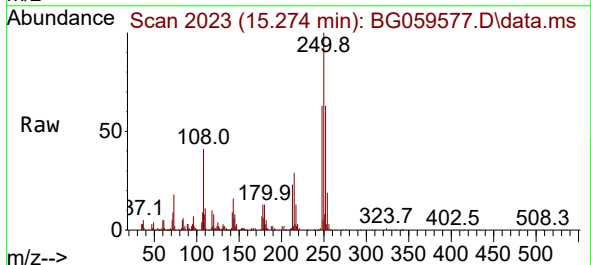
Tgt Ion:250 Resp: 149977

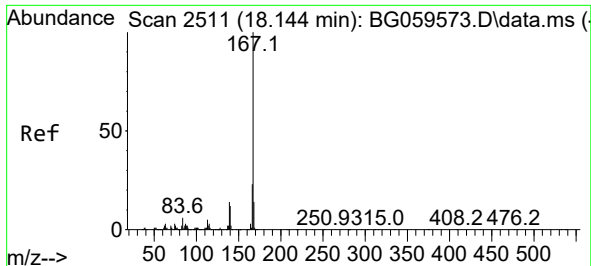
Ion Ratio Lower Upper

250 100

248 63.3 48.7 73.1

252 66.1 51.2 76.8

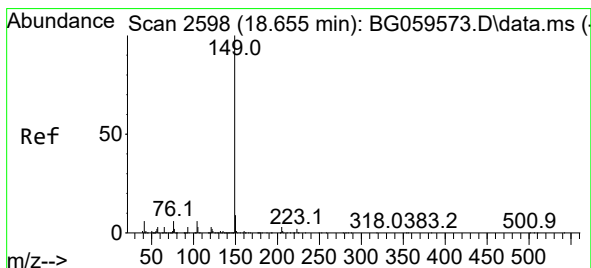
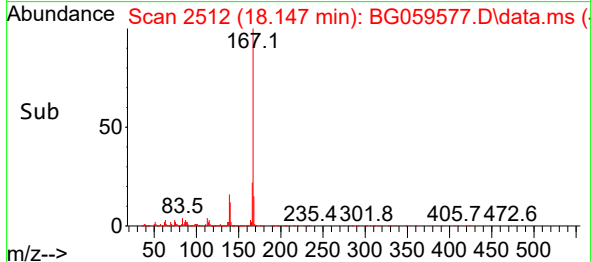
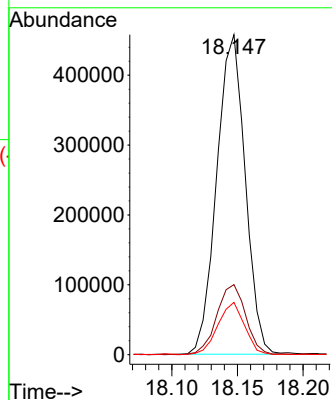
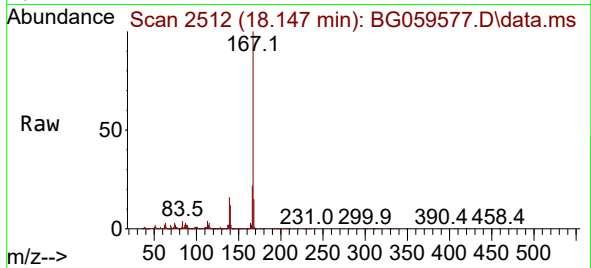




#77
 Carbazole
 Concen: 23.883 ng/ul
 RT: 18.147 min Scan# 2511
 Delta R.T. -0.002 min
 Lab File: BG059577.D
 Acq: 1 Nov 2023 13:18

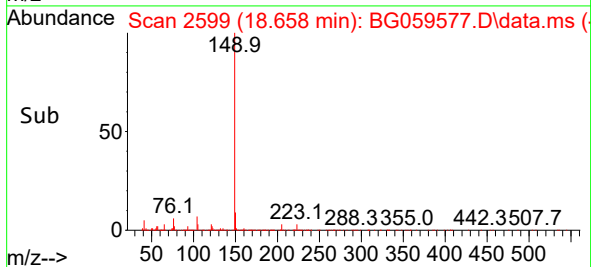
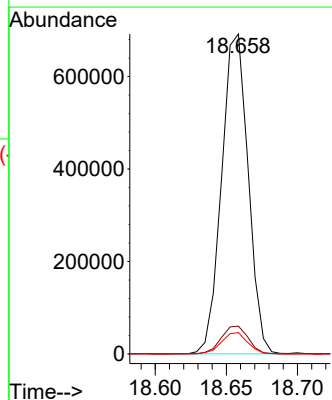
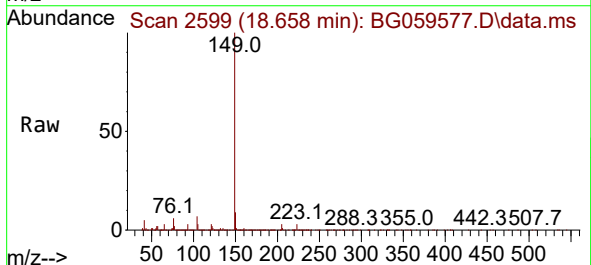
Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MS

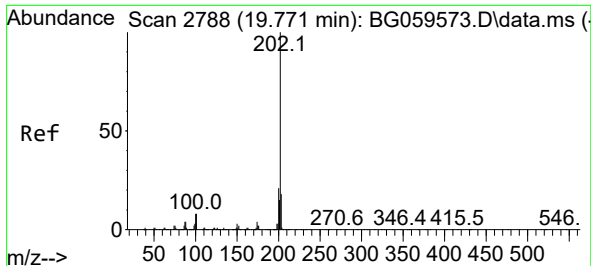
Tgt Ion:167 Resp: 688538
 Ion Ratio Lower Upper
 167 100
 166 21.9 19.4 29.2
 139 16.4 11.7 17.5



#78
 Di-n-butylphthalate
 Concen: 22.721 ng/ul
 RT: 18.658 min Scan# 2599
 Delta R.T. -0.008 min
 Lab File: BG059577.D
 Acq: 1 Nov 2023 13:18

Tgt Ion:149 Resp: 900037
 Ion Ratio Lower Upper
 149 100
 150 8.7 7.5 11.3
 104 6.7 5.3 7.9

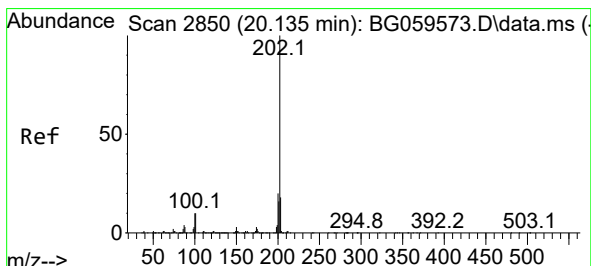
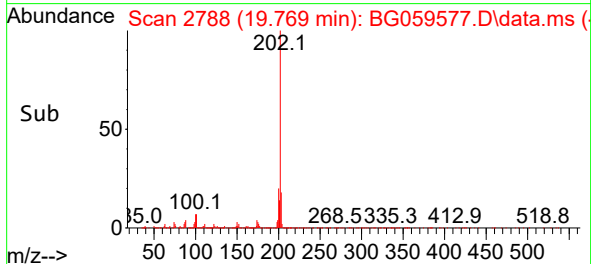
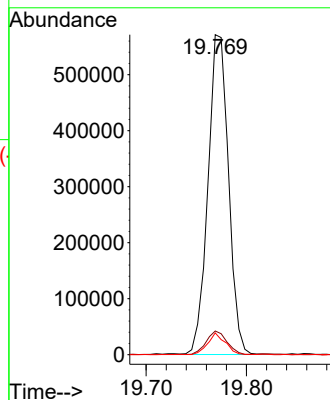
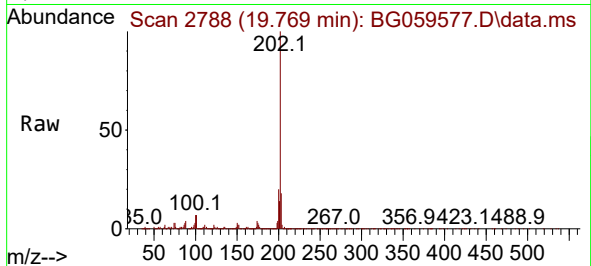




#80
Fluoranthene
Concen: 25.631 ng/ul
RT: 19.769 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

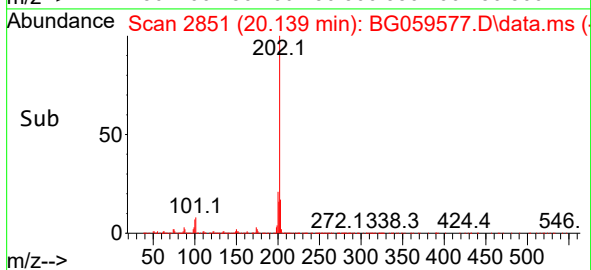
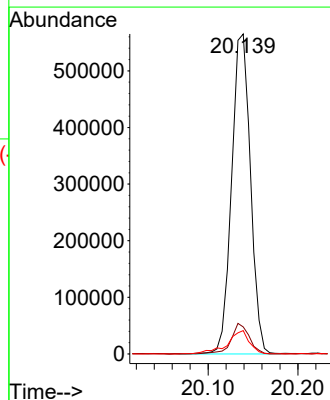
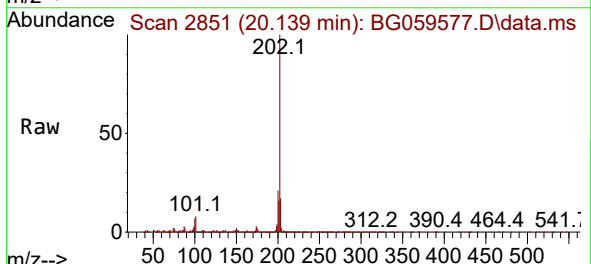
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

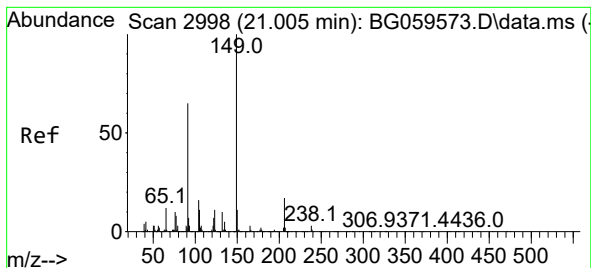
Tgt Ion:202 Resp: 813856
Ion Ratio Lower Upper
202 100
101 7.4 7.0 10.6
100 6.8 5.2 7.8



#82
Pyrene
Concen: 24.971 ng/ul
RT: 20.139 min Scan# 2851
Delta R.T. -0.003 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:202 Resp: 823610
Ion Ratio Lower Upper
202 100
101 8.5 7.9 11.9
100 7.3 7.9 11.9#





#83

Butylbenzylphthalate

Concen: 23.473 ng/ul

RT: 21.003 min Scan# 2998

Delta R.T. -0.014 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

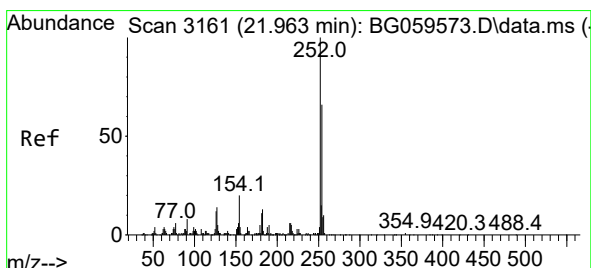
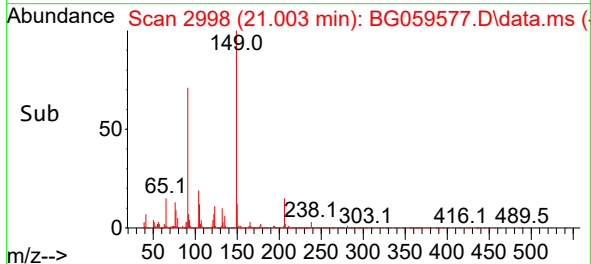
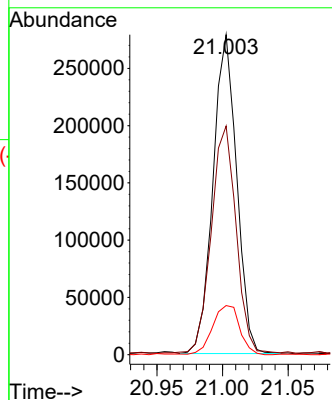
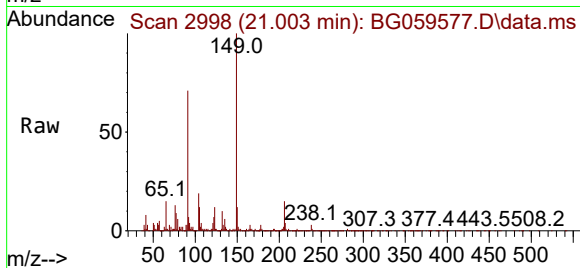
Tgt Ion:149 Resp: 349640

Ion Ratio Lower Upper

149 100

91 71.4 52.2 78.2

206 15.3 15.1 22.7



#84

3,3'-Dichlorobenzidine

Concen: 16.526 ng/ul

RT: 21.960 min Scan# 3161

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

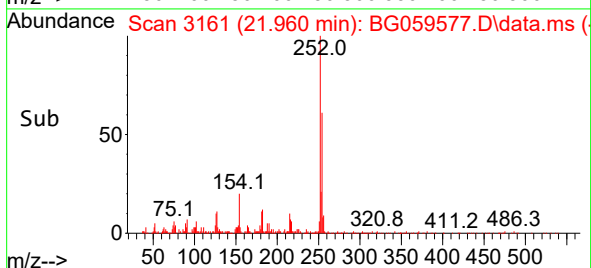
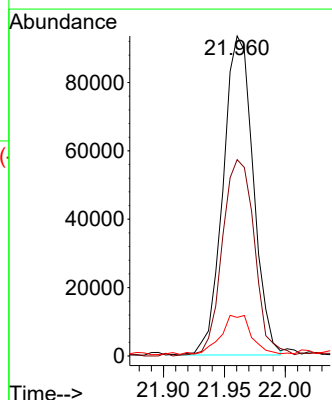
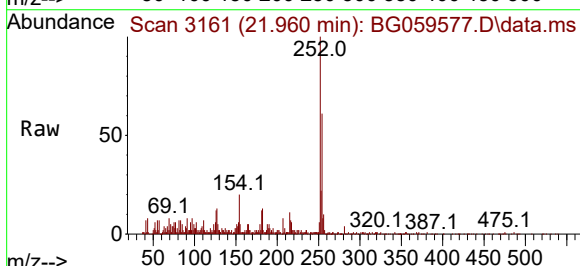
Tgt Ion:252 Resp: 161049

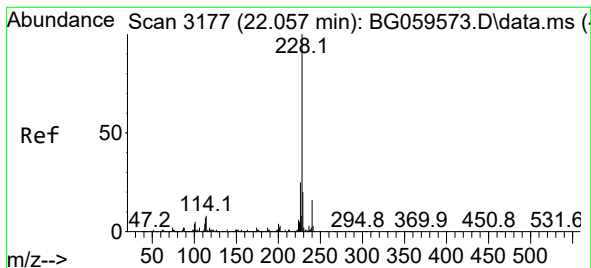
Ion Ratio Lower Upper

252 100

254 61.3 48.9 73.3

126 12.0 11.5 17.3





#85

Benzo(a)anthracene

Concen: 23.390 ng/ul

RT: 22.054 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

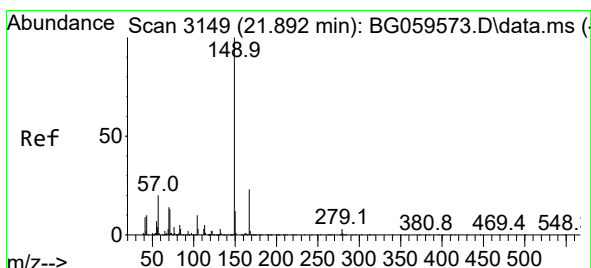
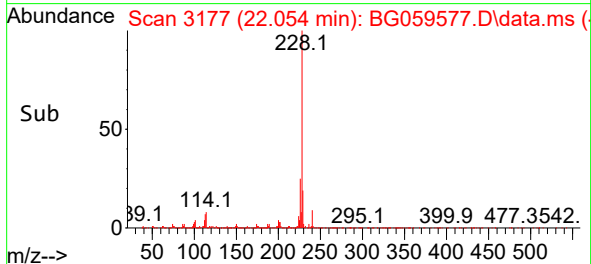
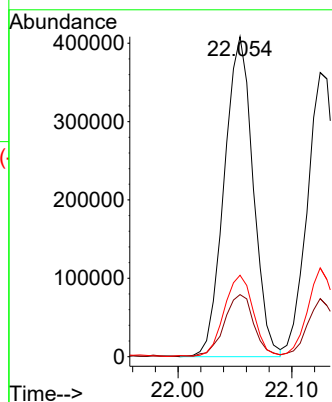
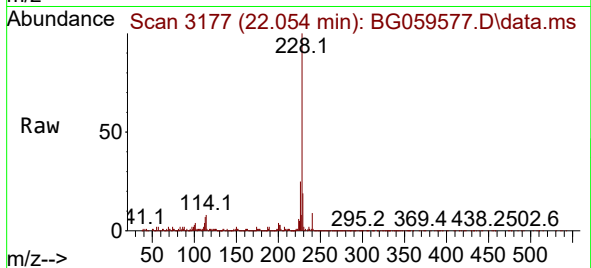
Tgt Ion:228 Resp: 721335

Ion Ratio Lower Upper

228 100

229 19.4 16.7 25.1

226 25.4 20.3 30.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 23.143 ng/ul

RT: 21.896 min Scan# 3150

Delta R.T. -0.020 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

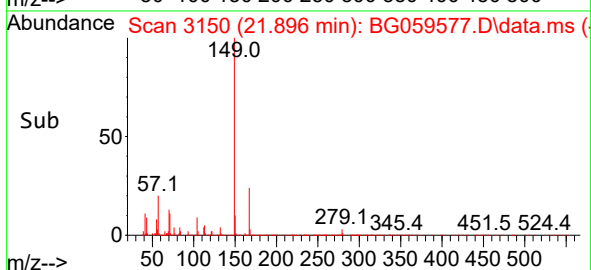
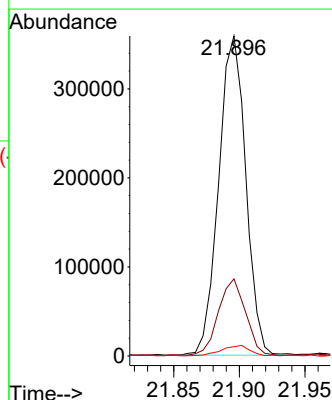
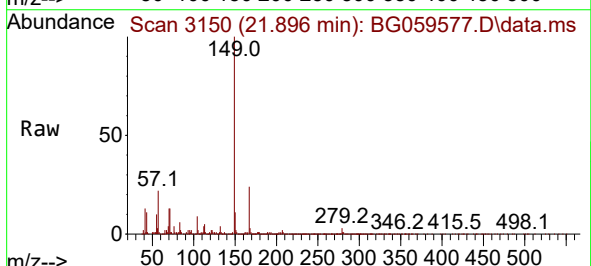
Tgt Ion:149 Resp: 514390

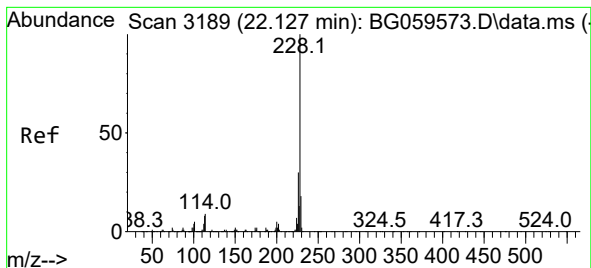
Ion Ratio Lower Upper

149 100

167 24.1 19.4 29.2

279 2.9 2.2 3.4





#87

Chrysene

Concen: 22.783 ng/ul

RT: 22.125 min Scan# 3189

Delta R.T. -0.008 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Instrument :

BNA_G

ClientSampleId :

EOAS3MS

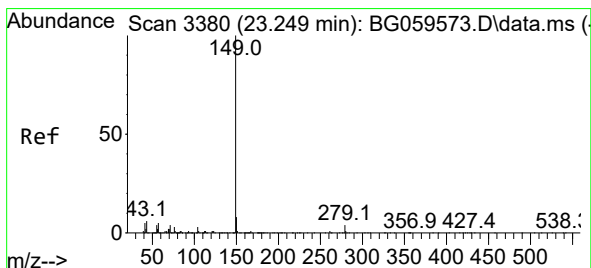
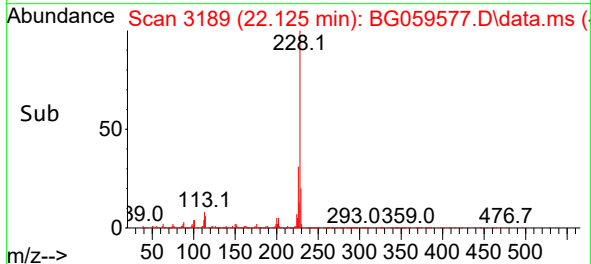
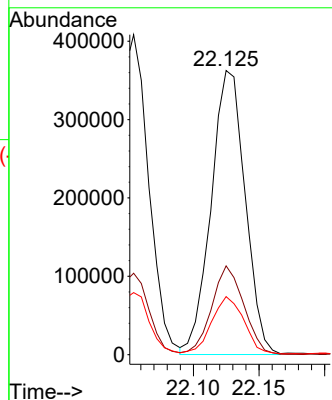
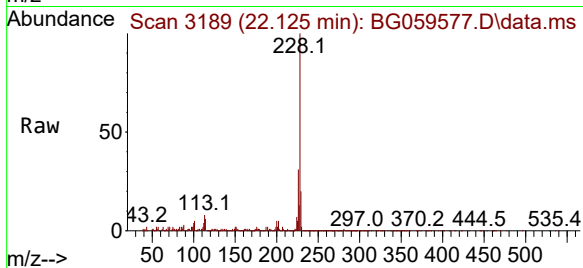
Tgt Ion:228 Resp: 653590

Ion Ratio Lower Upper

228 100

226 31.2 21.0 31.4

229 20.5 15.1 22.7



#89

Di-n-octyl phthalate

Concen: 24.043 ng/ul

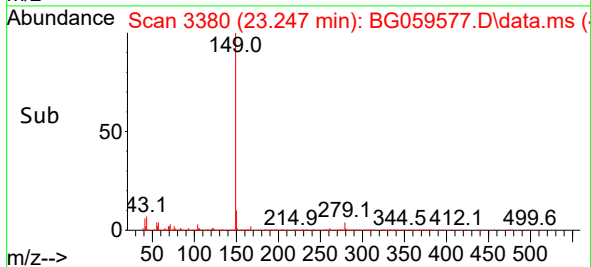
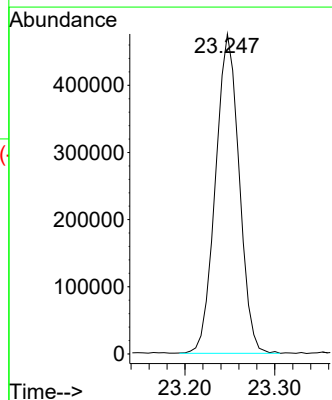
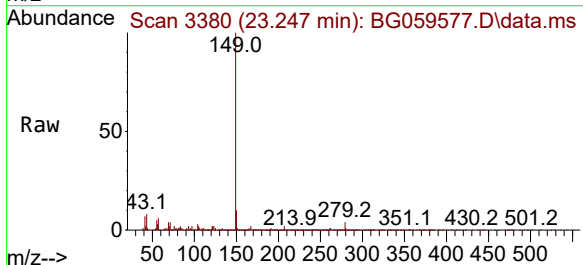
RT: 23.247 min Scan# 3380

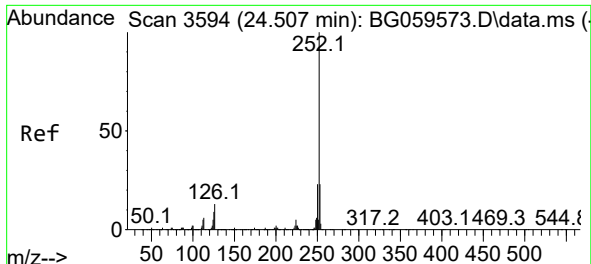
Delta R.T. -0.026 min

Lab File: BG059577.D

Acq: 1 Nov 2023 13:18

Tgt Ion:149 Resp: 869489

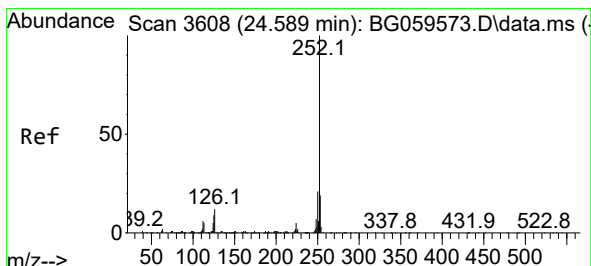
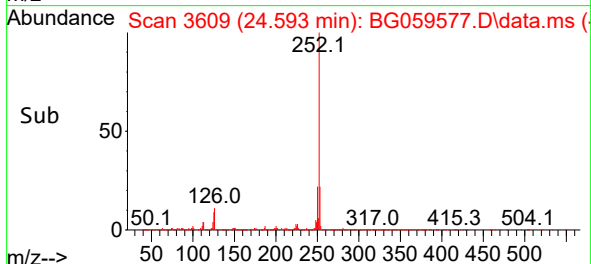
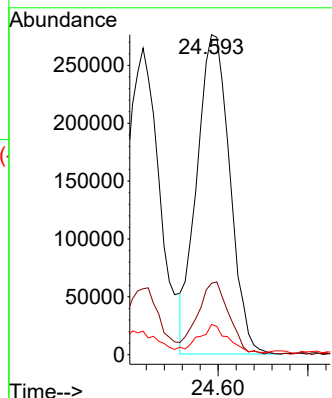
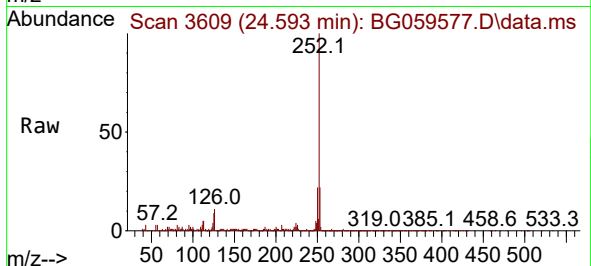




#90
Benzo(b)fluoranthene
Concen: 23.514 ng/ul
RT: 24.593 min Scan# 3609
Delta R.T. 0.068 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

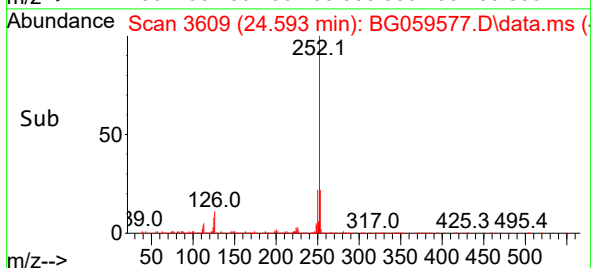
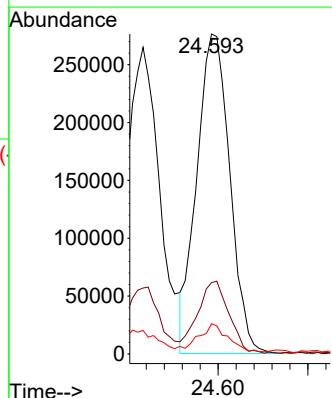
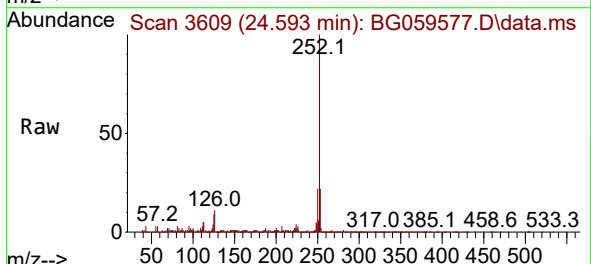
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

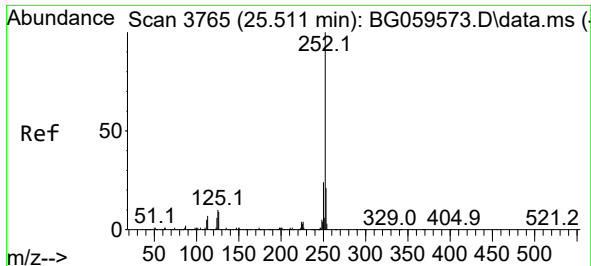
Tgt Ion:252 Resp: 704026
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 9.4 8.6 13.0



#91
Benzo(k)fluoranthene
Concen: 23.569 ng/ul
RT: 24.593 min Scan# 3609
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:252 Resp: 704874
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 9.4 7.9 11.9

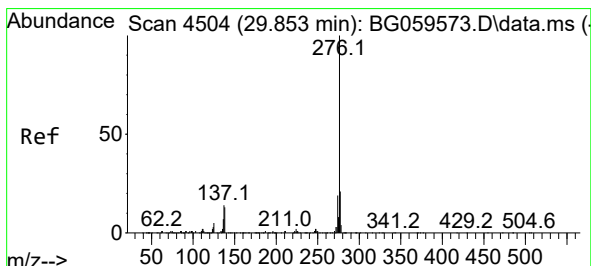
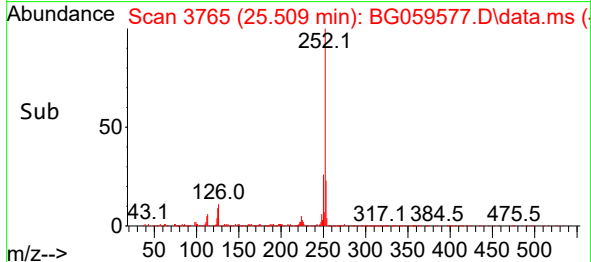
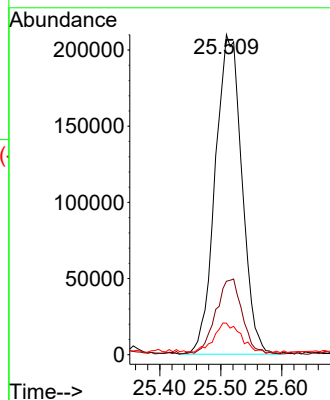
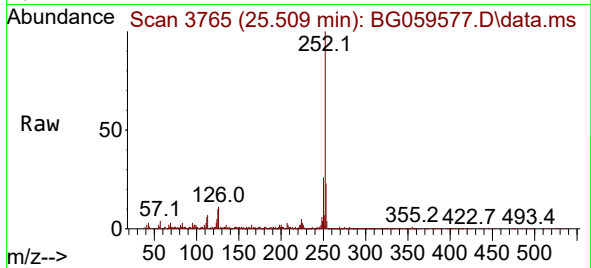




#93
Benzo(a)pyrene
Concen: 22.547 ng/ul
RT: 25.509 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

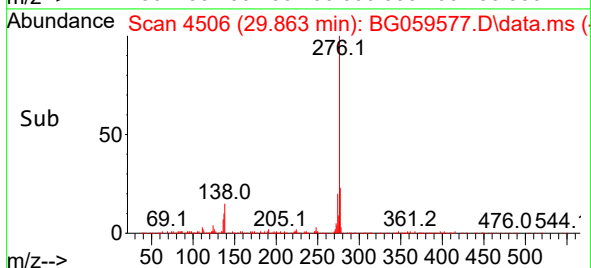
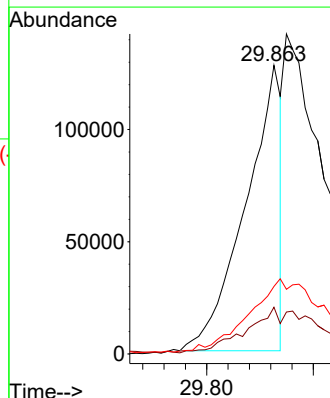
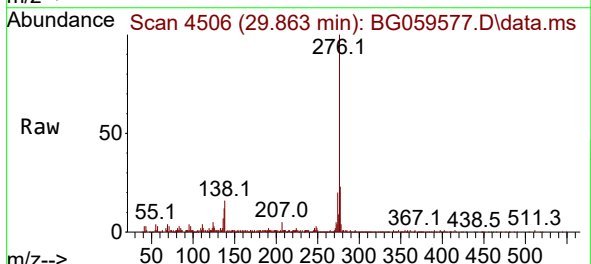
Instrument :
BNA_G
ClientSampleId :
EOAS3MS

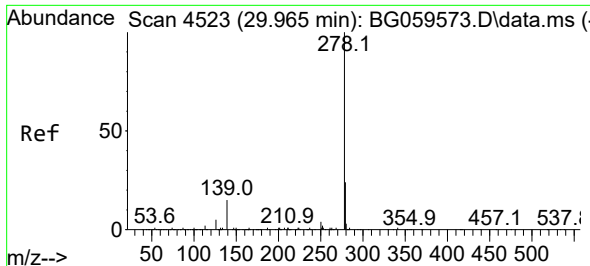
Tgt Ion:252 Resp: 638032
Ion Ratio Lower Upper
252 100
253 23.0 18.5 27.7
125 9.8 7.6 11.4



#94
Indeno(1,2,3-cd)pyrene
Concen: 8.209 ng/ul
RT: 29.863 min Scan# 4506
Delta R.T. -0.026 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:276 Resp: 294456
Ion Ratio Lower Upper
276 100
138 16.2 15.3 22.9
277 23.4 16.4 24.6



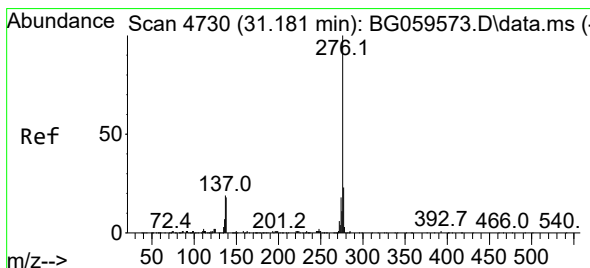
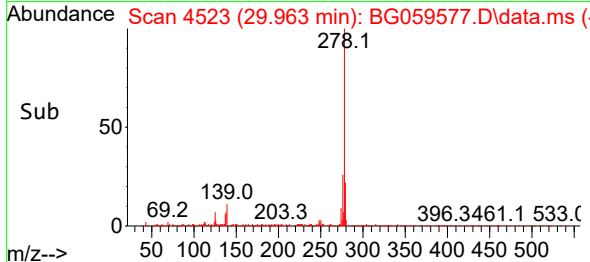
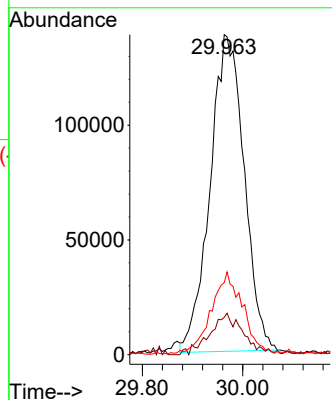
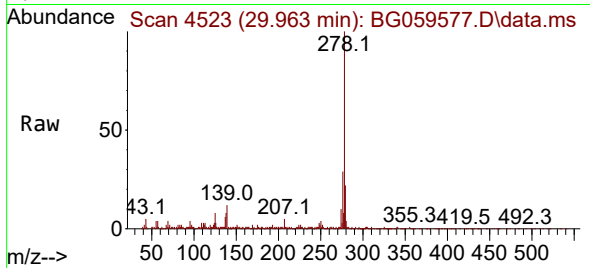


#95
Dibenzo(a,h)anthracene
Concen: 21.959 ng/ul
RT: 29.963 min Scan# 41
Delta R.T. -0.020 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Instrument :
BNA_G
ClientSampleId :
EOAS3MS

Tgt Ion:278 Resp: 650502

Ion	Ratio	Lower	Upper
278	100		
139	11.7	11.0	16.6
279	22.5	18.3	27.5



#96
Benzo(g,h,i)perylene
Concen: 15.037 ng/ul
RT: 31.208 min Scan# 4735
Delta R.T. -0.008 min
Lab File: BG059577.D
Acq: 1 Nov 2023 13:18

Tgt Ion:276 Resp: 441445

Ion	Ratio	Lower	Upper
276	100		
138	15.4	16.2	24.2#
277	19.7	18.2	27.4

