

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110123\
 Data File : BG059578.D
 Acq On : 1 Nov 2023 13:59
 Operator : MA/JU
 Sample : 04922-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MSD

Quant Time: Nov 02 02:31:24 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	8.358	152	83666	20.000	ng/u1	0.00
20) Naphthalene-d8	11.207	136	408622	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.985	164	258387	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.741	188	522566	20.000	ng/u1	0.00
79) Chrysene-d12	22.077	240	363863	20.000	ng/u1	0.00
88) Perylene-d12	25.685	264	412840	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.657	96	4796	2.145	ng/uL	0.00
4) Pyridine-d5	4.098	84	9834	1.574	ng/u1	0.00
7) Phenol-d5	7.465	99	133138	15.486	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.676	67	54042	13.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.870	132	112329	16.104	ng/u1	0.00
15) 4-Methylphenol-d8	9.045	113	98579	14.452	ng/u1	0.00
21) Nitrobenzene-d5	9.556	128	56193	19.341	ng/u1	0.00
24) 2-Nitrophenol-d4	10.279	143	68127	22.841	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.802	165	123474	18.789	ng/u1	0.00
31) 4-Chloroaniline-d4	11.348	131	134701	12.452	ng/u1	0.00
46) Dimethylphthalate-d6	14.380	166	401203	17.139	ng/u1	0.00
49) Acenaphthylene-d8	14.692	160	481698	17.534	ng/u1	0.00
54) 4-Nitrophenol-d4	15.156	143	75021	18.688	ng/u1	0.00
60) Fluorene-d10	15.972	176	369014	18.445	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.078	200	50835	20.542	ng/u1	0.00
73) Anthracene-d10	17.835	188	562101	19.855	ng/u1	0.00
81) Pyrene-d10	20.109	212	519347	20.534	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.438	264	469375	19.308	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.699	88	12350	4.934	ng/uL	97
6) Benzaldehyde	7.500	77	74343	19.198	ng/u1	93
8) Phenol	7.494	94	152197	18.777	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.770	93	104402	17.565	ng/u1	99
12) 2-Chlorophenol	7.905	128	137396	19.870	ng/u1	98
13) 2-Methylphenol	8.775	108	109580	16.218	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.869	45	58470	10.453	ng/u1#	89
16) Acetophenone	9.204	105	289243	26.901	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.163	70	92246	18.208	ng/u1#	96
18) 4-Methylphenol	9.104	108	132585	18.442	ng/u1	93
19) Hexachloroethane	9.445	117	54756	19.937	ng/u1	94
22) Nitrobenzene	9.597	77	148210	23.633	ng/u1	91
23) Isophorone	10.109	82	288223	18.250	ng/u1#	91
25) 2-Nitrophenol	10.314	139	85782	26.741	ng/u1#	80
26) 2,4-Dimethylphenol	10.332	107	37700	4.468	ng/u1#	92
27) Bis(2-Chloroethoxy)met...	10.590	93	160690	18.273	ng/u1	97
29) 2,4-Dichlorophenol	10.831	162	141619	22.275	ng/u1	96
30) Naphthalene	11.260	128	523205	20.543	ng/u1#	98
32) 4-Chloroaniline	11.372	127	149924	14.590	ng/u1#	87
33) Hexachlorobutadiene	11.489	225	76996	20.187	ng/u1	97
34) Caprolactam	12.177	113	6711	2.885	ng/u1	88
35) 4-Chloro-3-methylphenol	12.435	107	170426	22.466	ng/u1	92
36) 2-Methylnaphthalene	12.835	142	370301	21.134	ng/u1	90
37) 1-Methylnaphthalene	13.052	142	359051	20.574	ng/u1	100

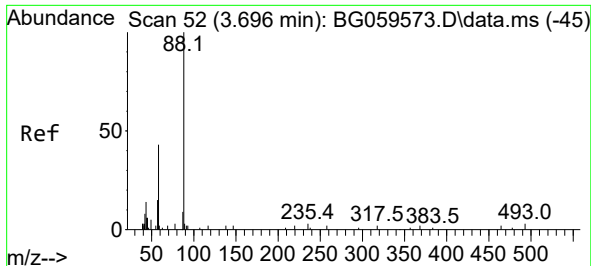
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.176	216	160592	21.549	ng/ul	96
40) Hexachlorocyclopentadiene	13.134	237	36230	8.340	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.417	196	114387	22.166	ng/ul	99
42) 2,4,5-Trichlorophenol	13.487	196	128287	22.962	ng/ul	96
43) 1,1'-Biphenyl	13.822	154	485501	20.770	ng/ul	96
44) 2-Chloronaphthalene	13.881	162	375833	20.687	ng/ul	99
45) 2-Nitroaniline	14.086	65	101181	29.932	ng/ul	93
47) Dimethylphthalate	14.427	163	469526	20.301	ng/ul#	96
48) 2,6-Dinitrotoluene	14.568	165	90828	26.034	ng/ul#	64
50) Acenaphthylene	14.721	152	660371	20.863	ng/ul	98
51) 3-Nitroaniline	14.903	138	101006	23.227	ng/ul#	79
52) Acenaphthene	15.050	153	441301	21.388	ng/ul	98
53) 2,4-Dinitrophenol	15.097	184	42264	21.320	ng/ul#	89
55) 4-Nitrophenol	15.167	109	115086	26.014	ng/ul	94
56) Dibenzofuran	15.385	168	587007	21.945	ng/ul	92
57) 2,4-Dinitrotoluene	15.344	165	145740	29.697	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.585	232	109253	24.915	ng/ul	94
59) Diethylphthalate	15.773	149	543873	21.557	ng/ul#	97
61) Fluorene	16.031	166	498927	21.606	ng/ul#	89
62) 4-Chlorophenyl-phenyle...	16.013	204	224203	22.718	ng/ul	97
63) 4-Nitroaniline	16.066	138	106757	23.132	ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.096	198	70053	26.860	ng/ul#	91
67) N-Nitrosodiphenylamine	16.231	169	422275	23.649	ng/ul	95
68) 4-Bromophenyl-phenylether	16.912	248	129733	24.810	ng/ul	88
69) Hexachlorobenzene	17.001	284	154404	25.549	ng/ul	94
70) Atrazine	17.165	200	134237	24.261	ng/ul#	91
71) Pentachlorophenol	17.353	266	81786	23.689	ng/ul	90
72) Phenanthrene	17.870	178	775700	22.834	ng/ul	98
74) Anthracene	17.870	178	775700	22.614	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.781	216	157503	22.633	ng/uL	92
76) Pentachlorobenzene	15.279	250	159113	24.095	ng/uL	96
77) Carbazole	18.146	167	700187	23.762	ng/ul	99
78) Di-n-butylphthalate	18.657	149	900946	22.253	ng/ul	99
80) Fluoranthene	19.774	202	782673	25.387	ng/ul	97
82) Pyrene	20.138	202	801761	25.036	ng/ul#	94
83) Butylbenzylphthalate	21.002	149	351419	24.299	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.959	252	171852	18.162	ng/ul#	92
85) Benzo(a)anthracene	22.053	228	702440	23.459	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.895	149	509273	23.599	ng/ul	96
87) Chrysene	22.130	228	651340	23.384	ng/ul	97
89) Di-n-octyl phthalate	23.246	149	840156	23.244	ng/ul	100
90) Benzo(b)fluoranthene	24.521	252	692998	23.157	ng/ul#	96
91) Benzo(k)fluoranthene	24.592	252	699584	23.404	ng/ul#	97
93) Benzo(a)pyrene	25.520	252	640371	22.641	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	29.868	276	298248	8.319	ng/ul#	90
95) Dibenzo(a,h)anthracene	29.962	278	356909	12.054	ng/ul#	91
96) Benzo(g,h,i)perylene	31.213	276	455487	15.524	ng/ul#	88

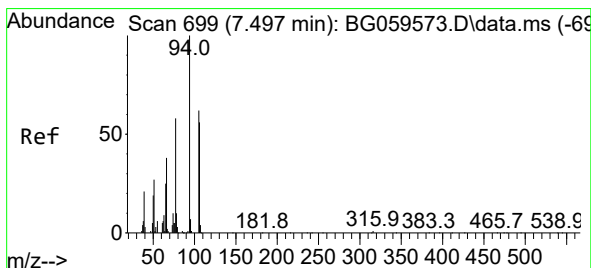
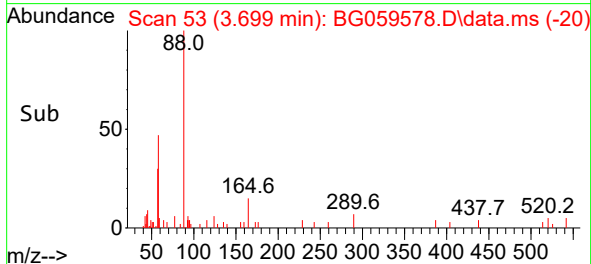
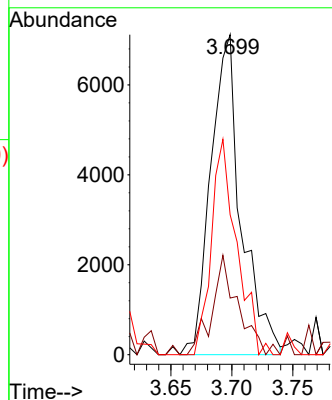
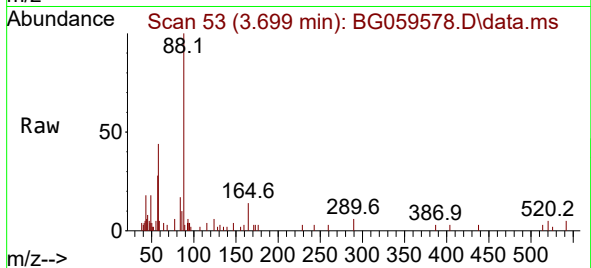
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#2
1,4-Dioxane
Concen: 4.934 ng/uL
RT: 3.699 min Scan# 51
Delta R.T. -0.004 min
Lab File: BG059578.D
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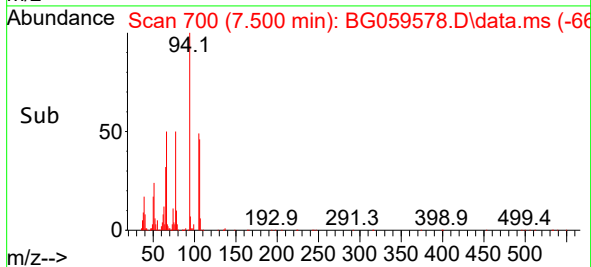
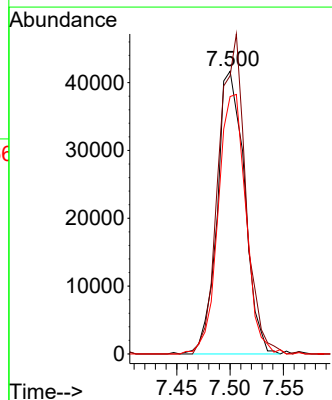
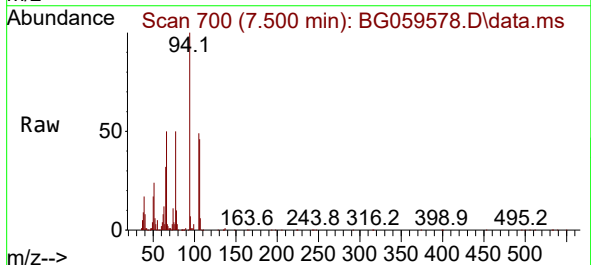
Instrument :
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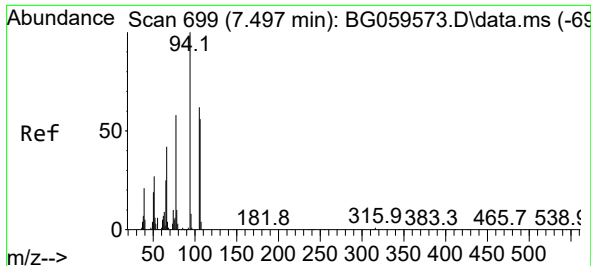
Tgt Ion: 88 Resp: 12350
Ion Ratio Lower Upper
88 100
43 17.7 15.7 23.5
58 43.8 36.2 54.2



#6
Benzaldehyde
Concen: 19.198 ng/uL
RT: 7.500 min Scan# 700
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion: 77 Resp: 74343
Ion Ratio Lower Upper
77 100
105 98.4 83.6 125.4
106 91.0 78.6 118.0

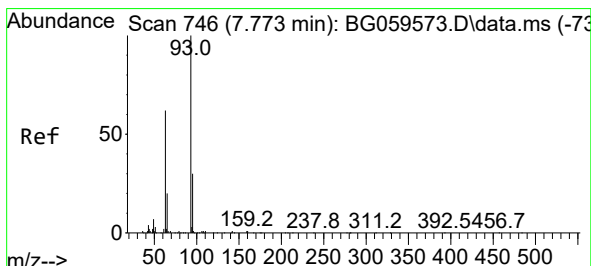
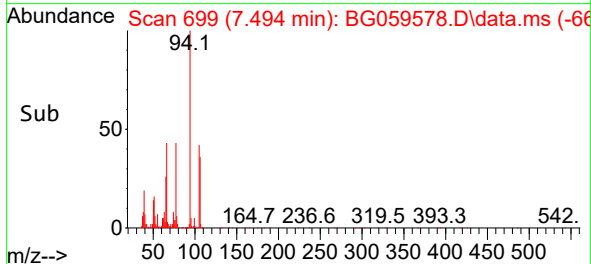
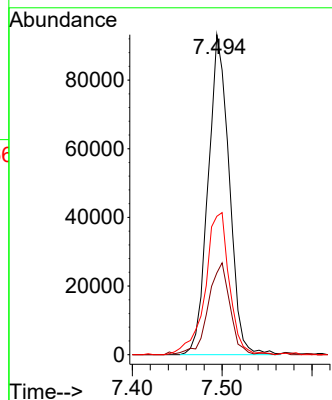
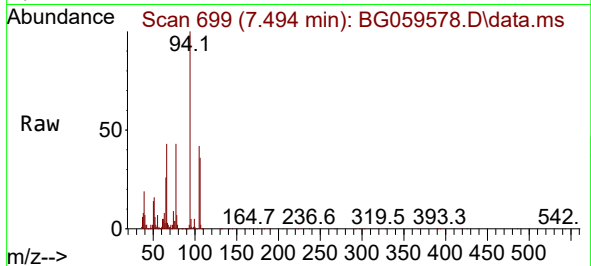




#8
Phenol
Concen: 18.777 ng/ul
RT: 7.494 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

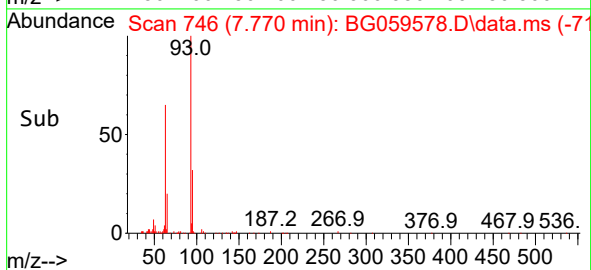
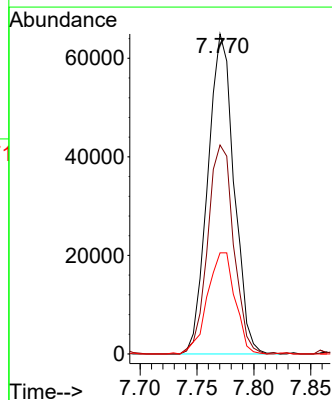
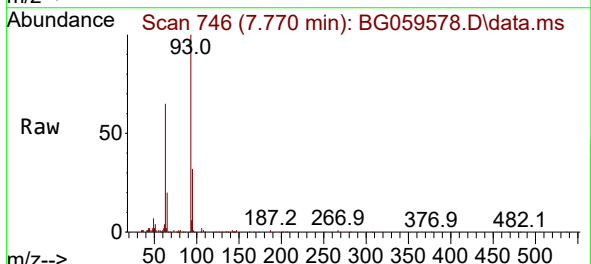
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ClientSampleId :
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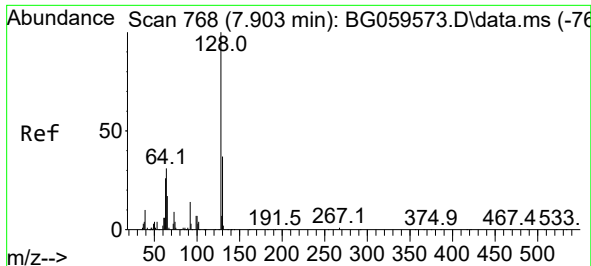
Tgt Ion: 94 Resp: 152197
Ion Ratio Lower Upper
94 100
65 25.6 22.5 33.7
66 43.3 31.1 46.7



#10
Bis(2-Chloroethyl)ether
Concen: 17.565 ng/ul
RT: 7.770 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion: 93 Resp: 104402
Ion Ratio Lower Upper
93 100
63 65.3 52.5 78.7
95 31.6 26.5 39.7





#12

2-Chlorophenol

Concen: 19.870 ng/ul

RT: 7.905 min Scan# 768

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

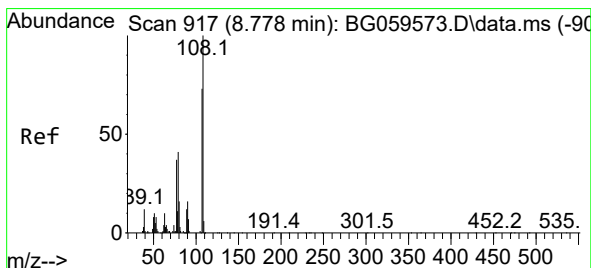
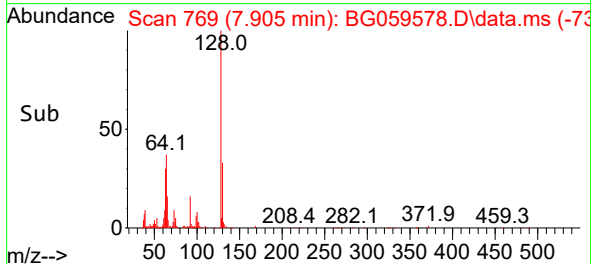
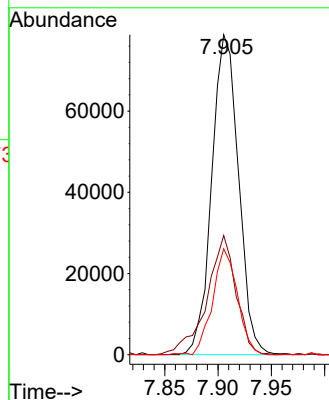
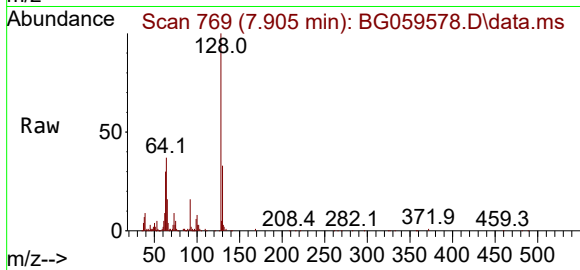
Tgt Ion:128 Resp: 137396

Ion Ratio Lower Upper

128 100

64 37.2 30.2 45.2

130 33.1 27.9 41.9



#13

2-Methylphenol

Concen: 16.218 ng/ul

RT: 8.775 min Scan# 917

Delta R.T. -0.004 min

Lab File: BG059578.D

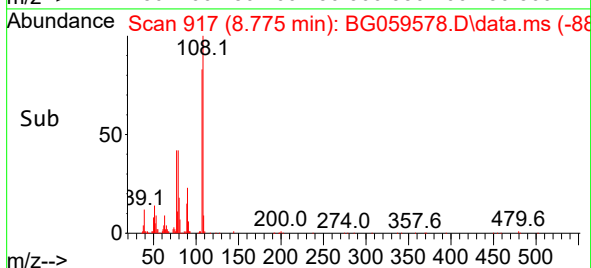
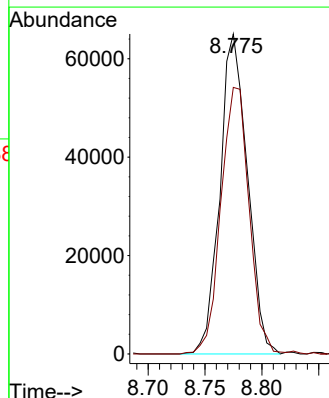
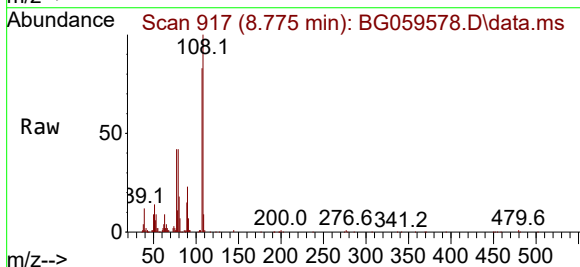
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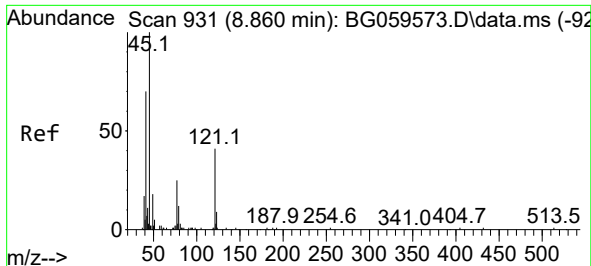
Tgt Ion:108 Resp: 109580

Ion Ratio Lower Upper

108 100

107 83.3 68.6 102.8

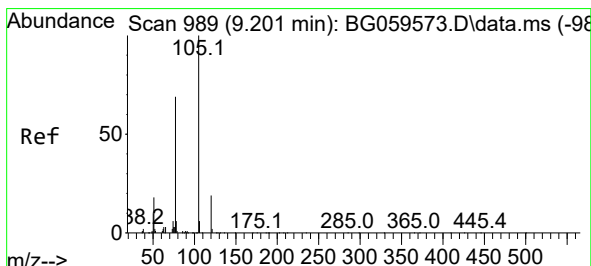
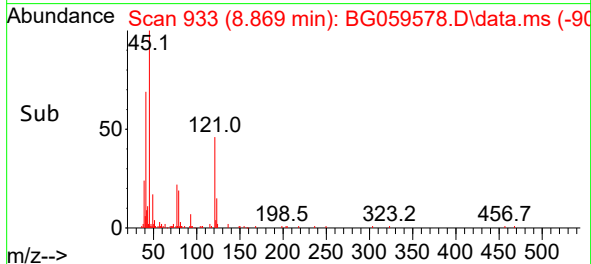
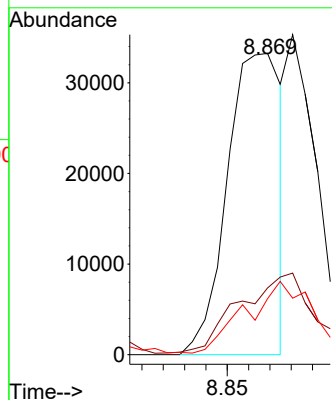
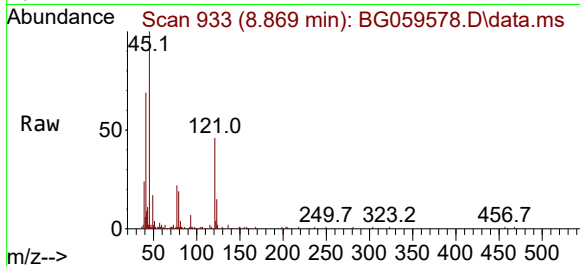




#14
2,2'-oxybis(1-Chloropropane)
Concen: 10.453 ng/ul
RT: 8.869 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG059578.D
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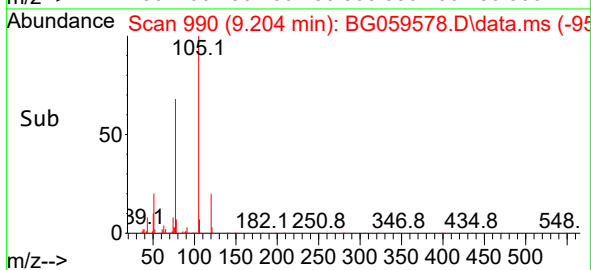
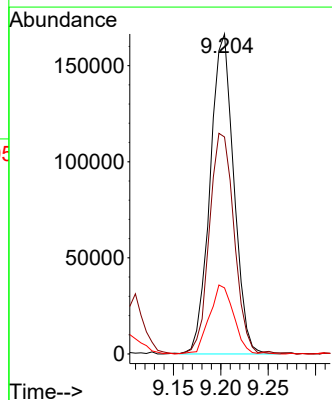
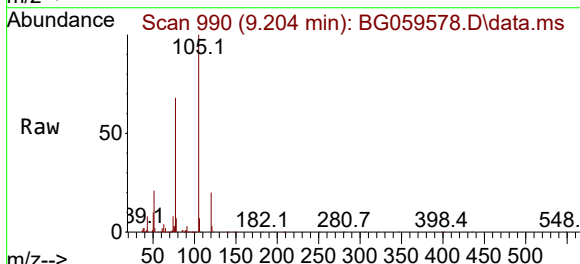
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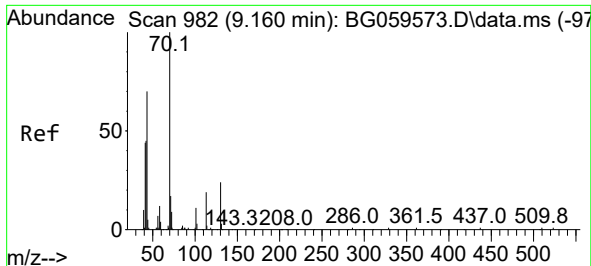
Tgt Ion: 45 Resp: 58470
Ion Ratio Lower Upper
45 100
77 22.2 15.0 22.6
79 18.6 10.0 15.0#



#16
Acetophenone
Concen: 26.901 ng/ul
RT: 9.204 min Scan# 990
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:105 Resp: 289243
Ion Ratio Lower Upper
105 100
77 67.8 59.6 89.4
51 20.6 16.2 24.4

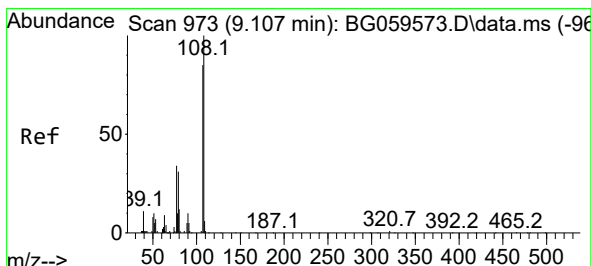
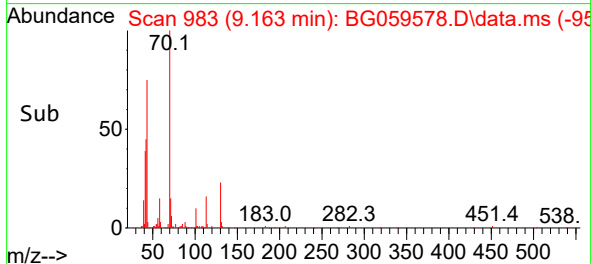
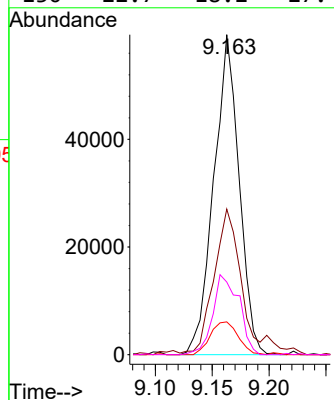
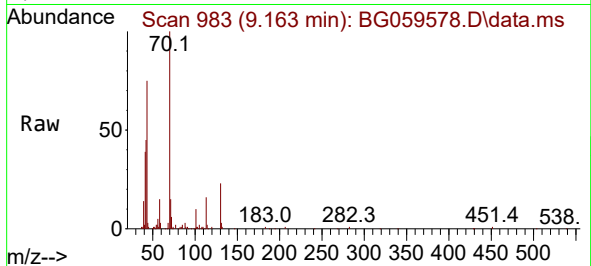




#17
N-Nitroso-di-n-propylamine
Concen: 18.208 ng/ul
RT: 9.163 min Scan# 917
Delta R.T. -0.009 min
Lab File: BG059578.D
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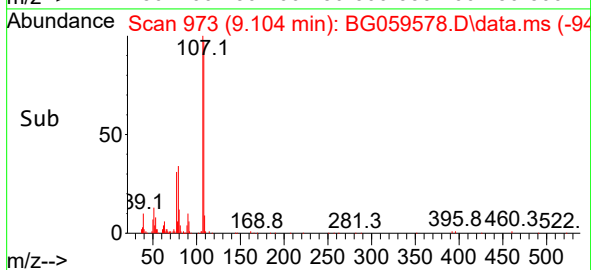
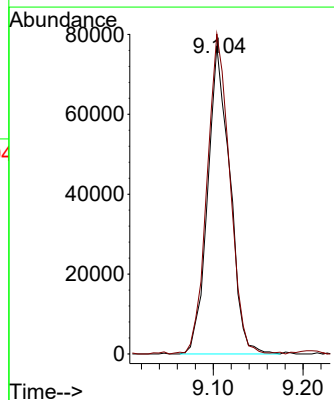
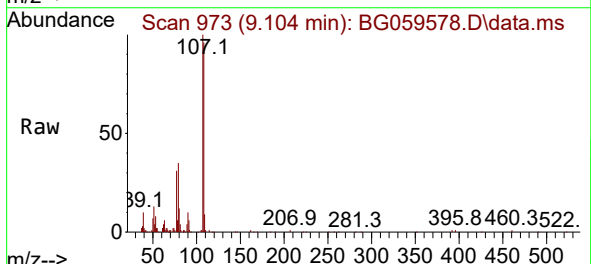
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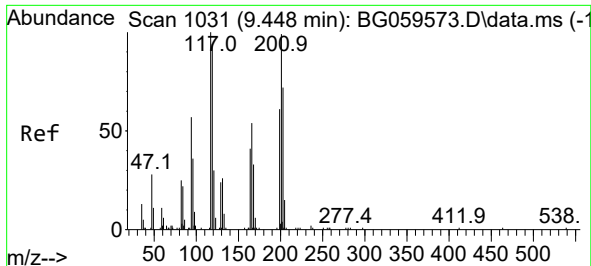
Tgt Ion: 70 Resp: 92246
Ion Ratio Lower Upper
70 100
42 45.5 33.8 50.8
101 10.3 5.4 8.0#
130 22.7 18.2 27.4



#18
4-Methylphenol
Concen: 18.442 ng/ul
RT: 9.104 min Scan# 973
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion: 108 Resp: 132585
Ion Ratio Lower Upper
108 100
107 103.8 88.9 133.3

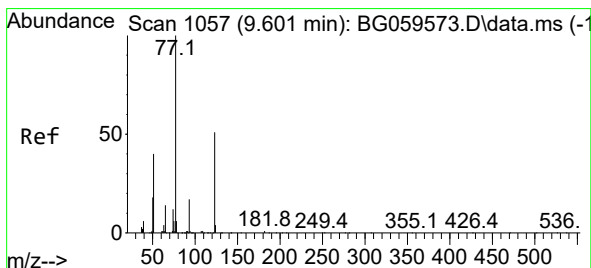
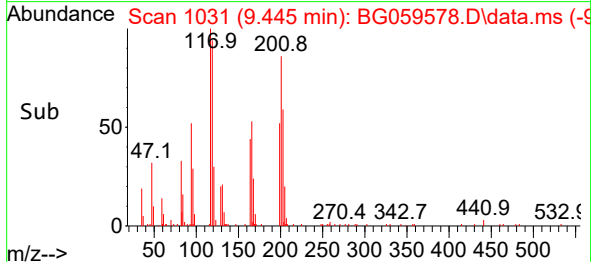
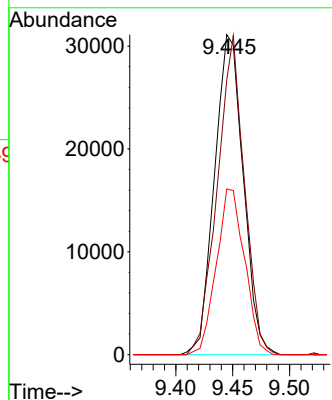
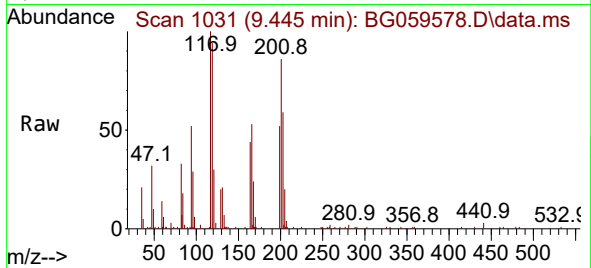




#19
Hexachloroethane
Concen: 19.937 ng/ul
RT: 9.445 min Scan# 1031
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

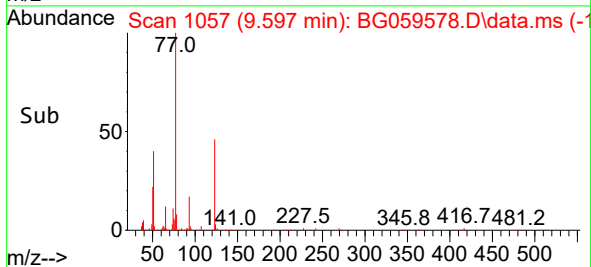
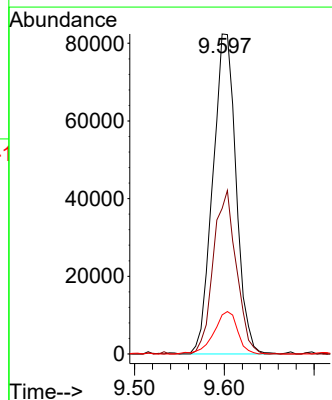
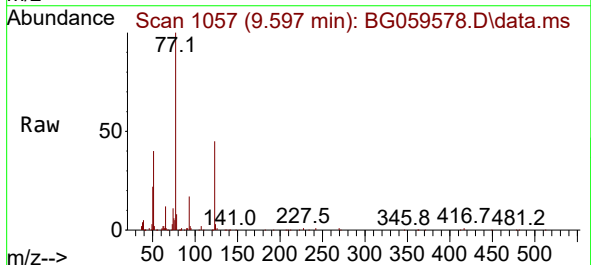
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

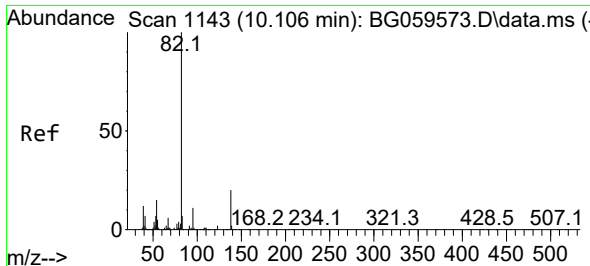
Tgt Ion:117 Resp: 54756
Ion Ratio Lower Upper
117 100
201 85.9 75.8 113.6
199 51.8 42.3 63.5



#22
Nitrobenzene
Concen: 23.633 ng/ul
RT: 9.597 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion: 77 Resp: 148210
Ion Ratio Lower Upper
77 100
123 45.4 42.6 63.8
65 12.2 11.0 16.4

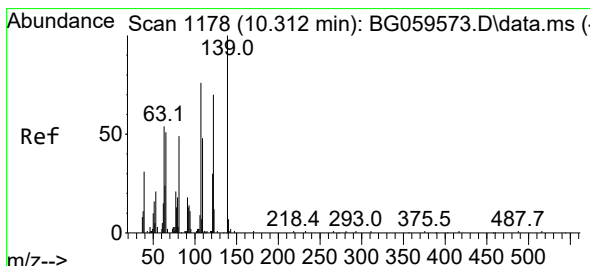
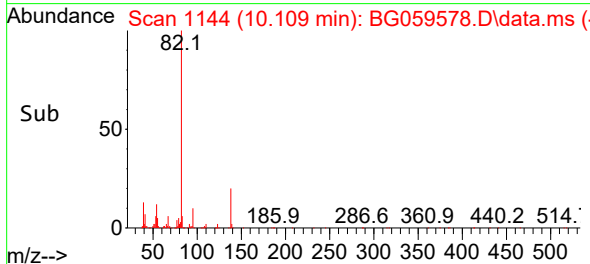
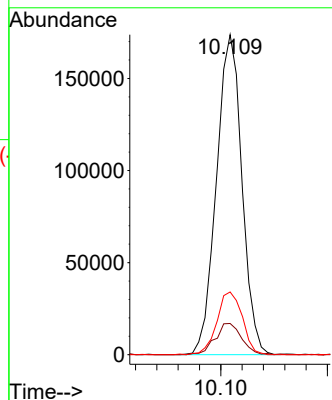
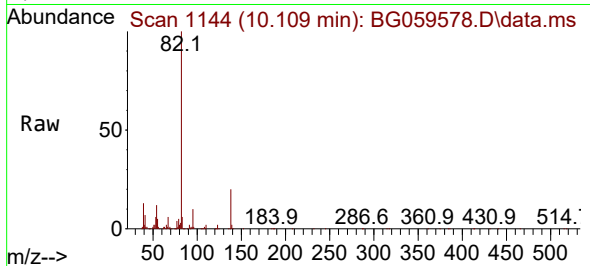




#23
Isophorone
Concen: 18.250 ng/ul
RT: 10.109 min Scan# 1143
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

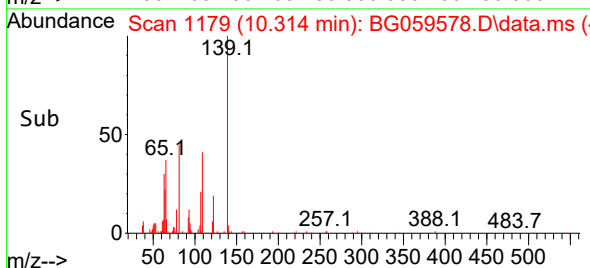
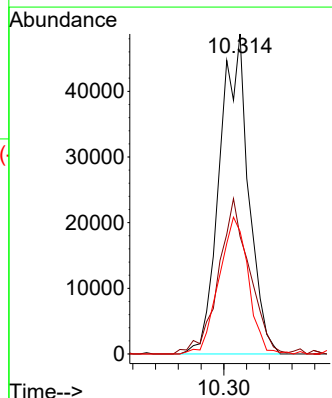
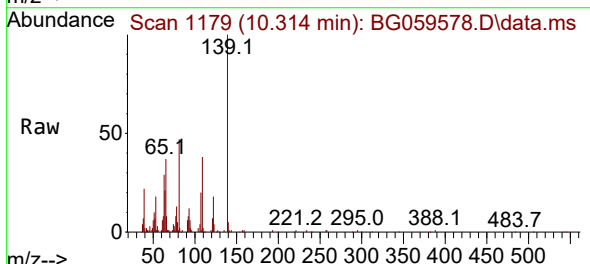
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

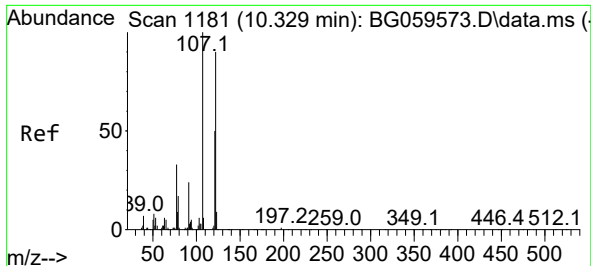
Tgt Ion: 82 Resp: 288223
Ion Ratio Lower Upper
82 100
95 9.8 5.6 8.4#
138 19.6 12.3 18.5#



#25
2-Nitrophenol
Concen: 26.741 ng/ul
RT: 10.314 min Scan# 1179
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:139 Resp: 85782
Ion Ratio Lower Upper
139 100
65 36.8 39.7 59.5#
109 38.3 21.0 31.6#

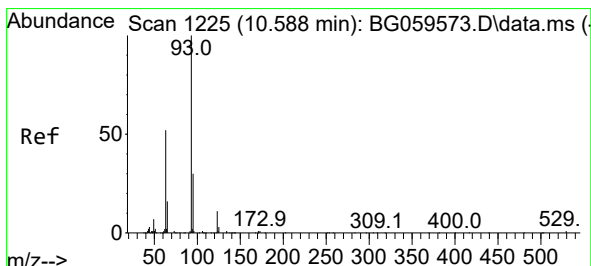
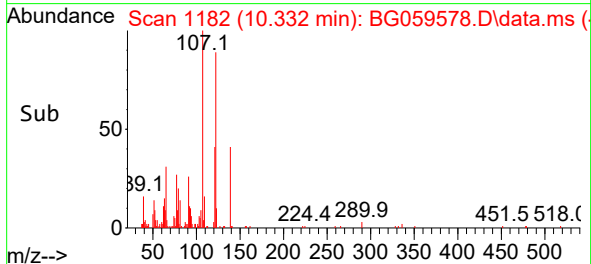
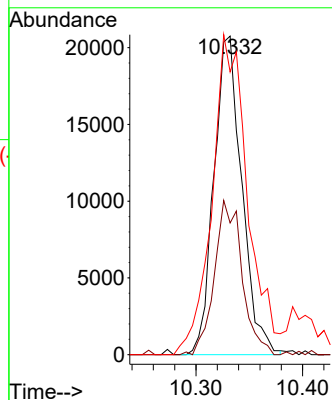
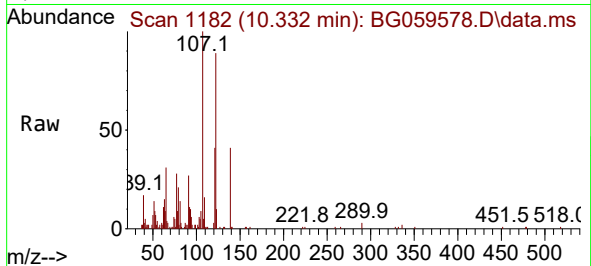




#26
2,4-Dimethylphenol
Concen: 4.468 ng/ul
RT: 10.332 min Scan# 1182
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

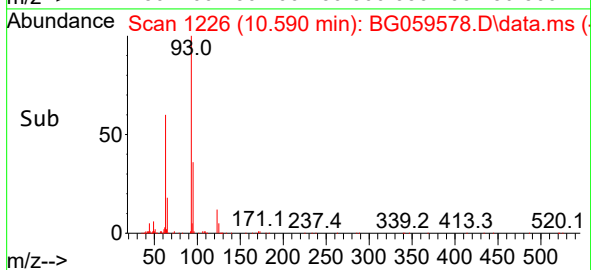
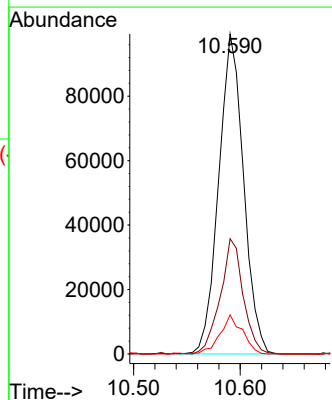
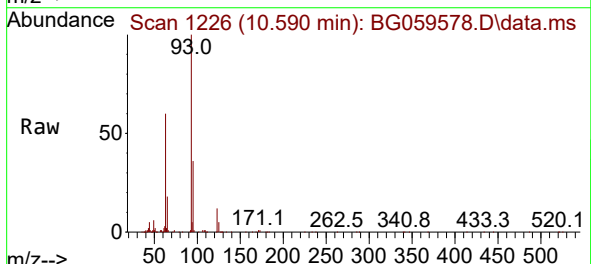
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

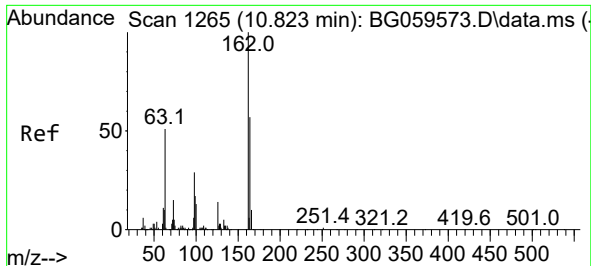
Tgt Ion:107 Resp: 37700
Ion Ratio Lower Upper
107 100
121 41.3 42.7 64.1#
122 88.8 72.6 108.8



#27
Bis(2-Chloroethoxy)methane
Concen: 18.273 ng/ul
RT: 10.590 min Scan# 1226
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion: 93 Resp: 160690
Ion Ratio Lower Upper
93 100
95 36.0 27.1 40.7
123 12.2 10.3 15.5





#29

2,4-Dichlorophenol

Concen: 22.275 ng/ul

RT: 10.831 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

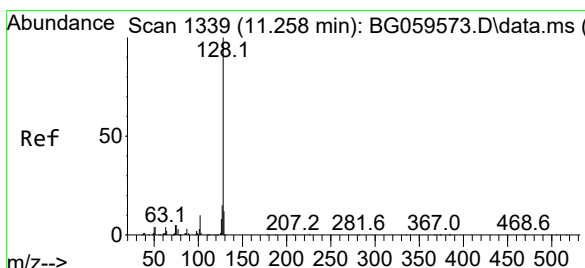
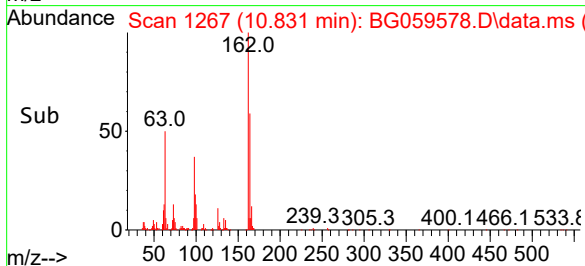
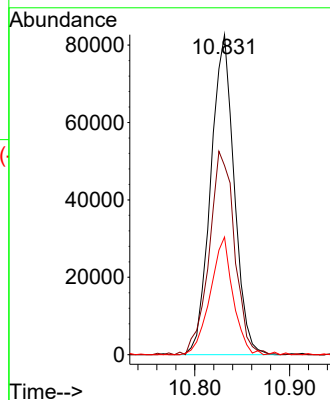
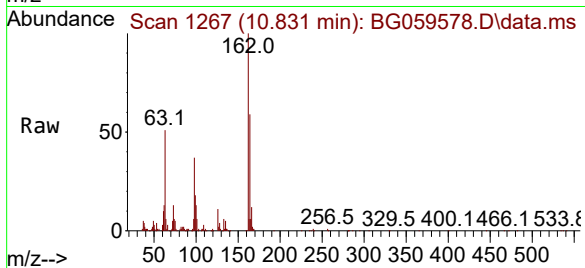
Tgt Ion:162 Resp: 141619

Ion Ratio Lower Upper

162 100

164 59.1 45.3 67.9

98 36.8 32.2 48.4



#30

Naphthalene

Concen: 20.543 ng/ul

RT: 11.260 min Scan# 1340

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

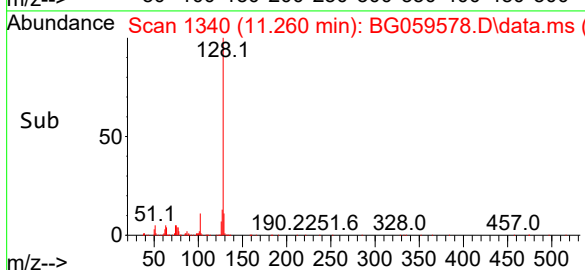
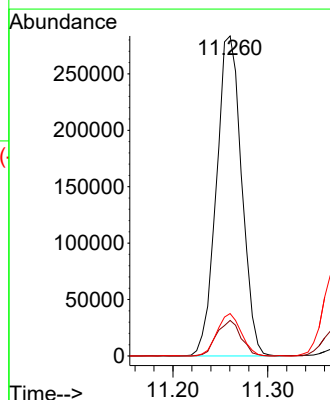
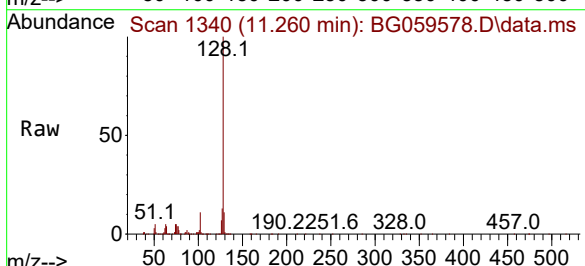
Tgt Ion:128 Resp: 523205

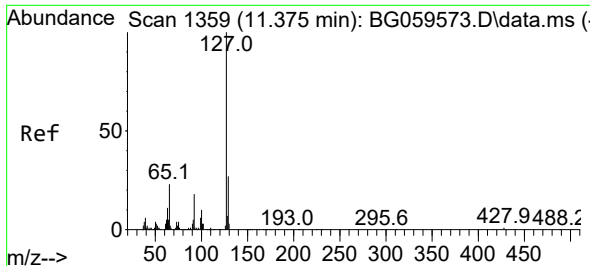
Ion Ratio Lower Upper

128 100

129 11.1 7.4 11.0#

127 13.2 10.5 15.7

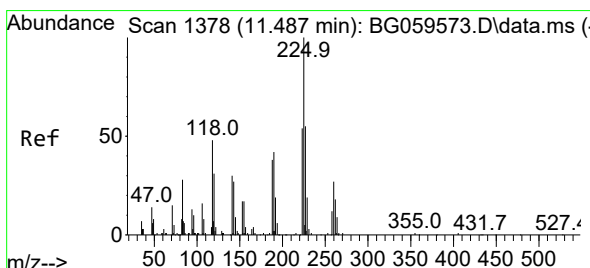
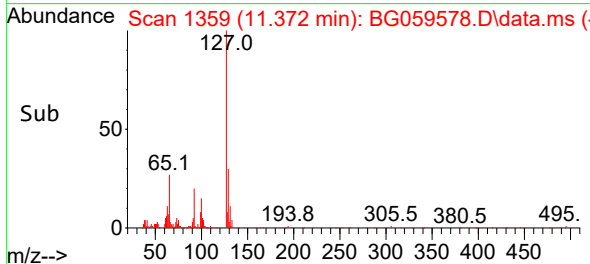
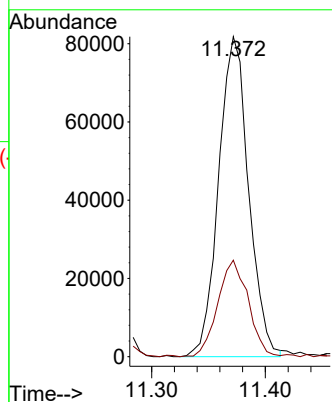
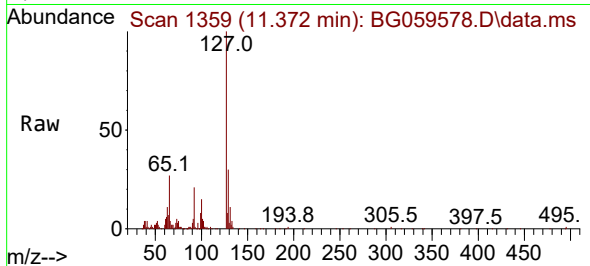




#32
4-Chloroaniline
Concen: 14.590 ng/ul
RT: 11.372 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

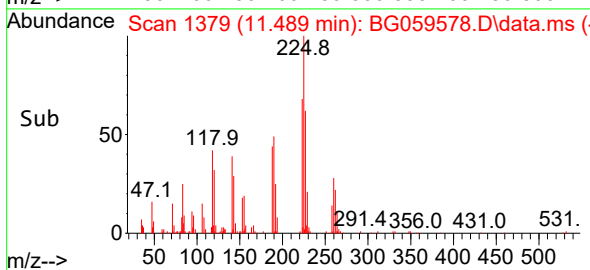
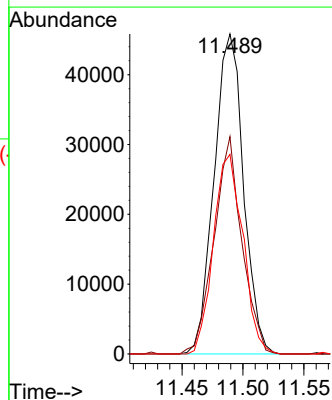
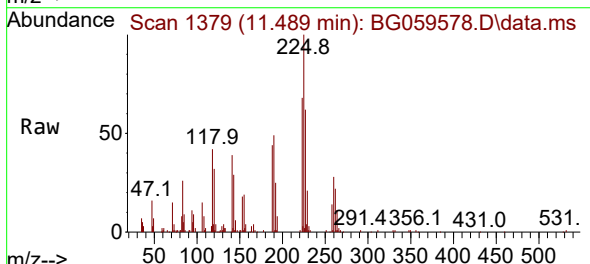
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

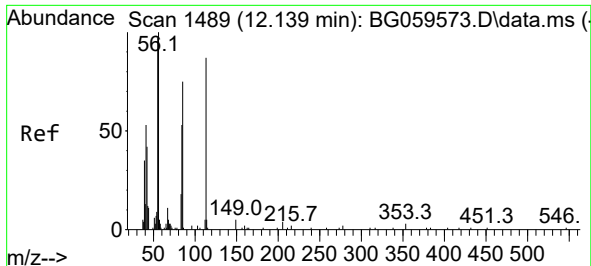
Tgt Ion:127 Resp: 149924
Ion Ratio Lower Upper
127 100
129 30.2 30.4 45.6#



#33
Hexachlorobutadiene
Concen: 20.187 ng/ul
RT: 11.489 min Scan# 1379
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:225 Resp: 76996
Ion Ratio Lower Upper
225 100
223 66.4 50.8 76.2
227 60.9 49.8 74.8

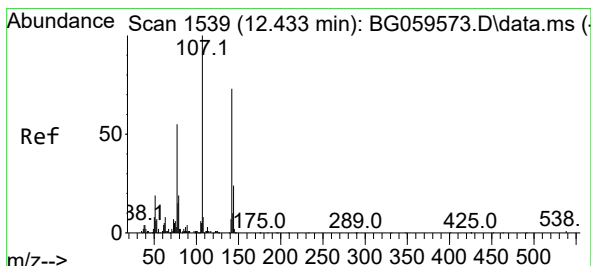
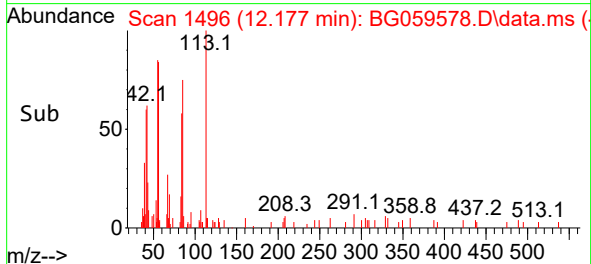
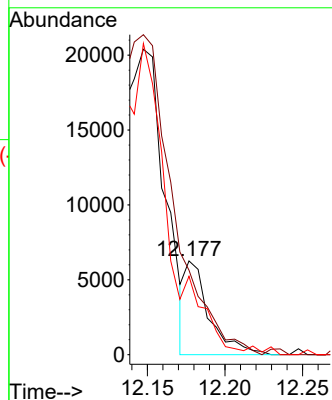
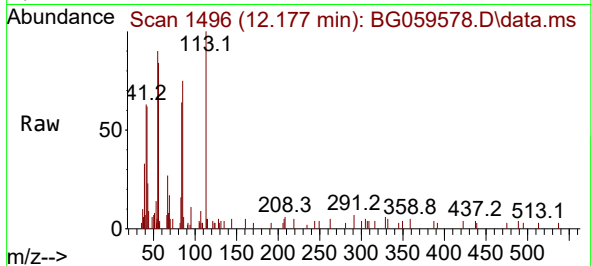




#34
Caprolactam
Concen: 2.885 ng/ul
RT: 12.177 min Scan# 1489
Delta R.T. 0.020 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

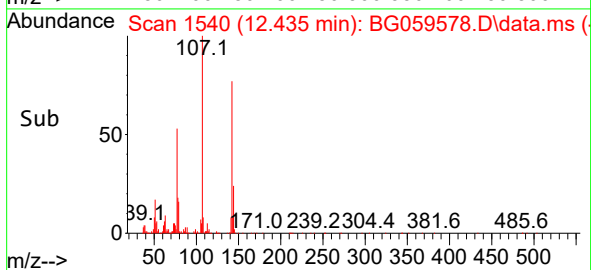
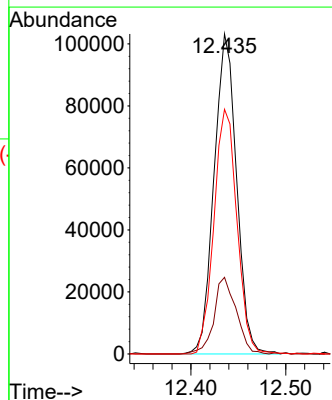
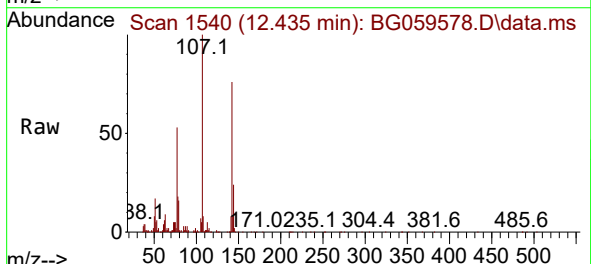
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

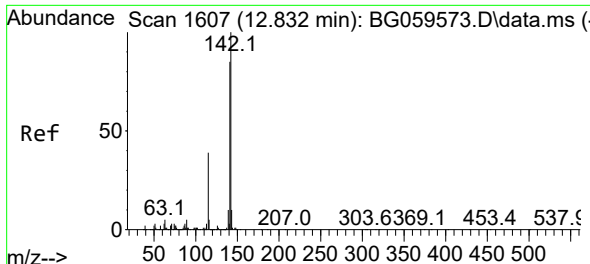
Tgt Ion:113 Resp: 6711
Ion Ratio Lower Upper
113 100
55 90.1 86.9 130.3
56 83.5 64.4 96.6



#35
4-Chloro-3-methylphenol
Concen: 22.466 ng/ul
RT: 12.435 min Scan# 1540
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:107 Resp: 170426
Ion Ratio Lower Upper
107 100
144 24.0 21.0 31.6
142 76.5 68.2 102.4

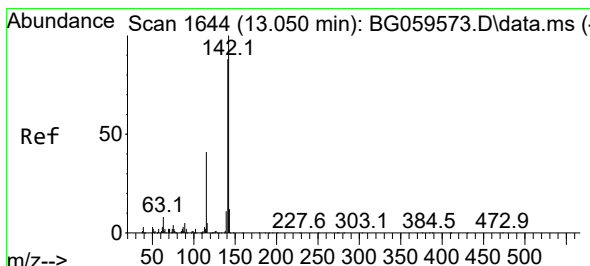
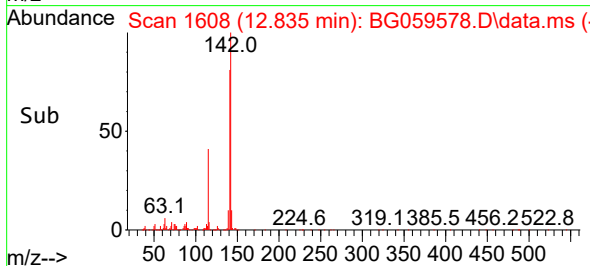
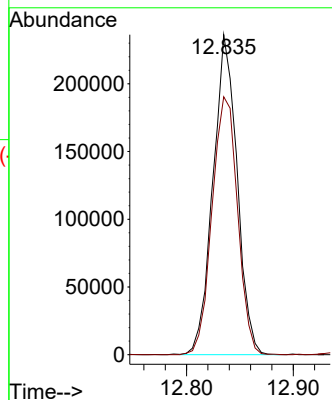
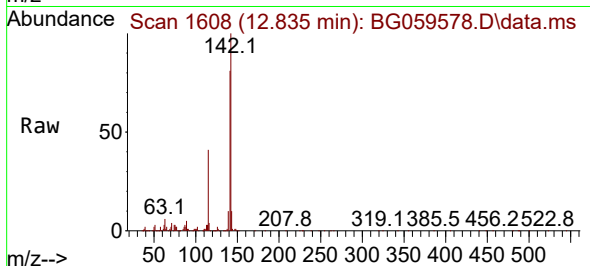




#36
2-Methylnaphthalene
Concen: 21.134 ng/ul
RT: 12.835 min Scan# 1608
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

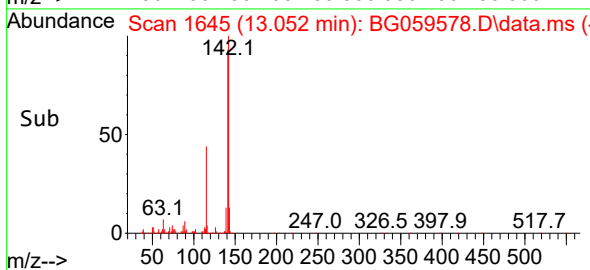
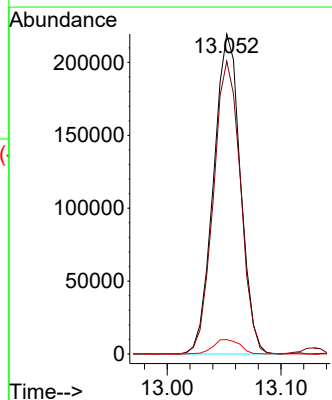
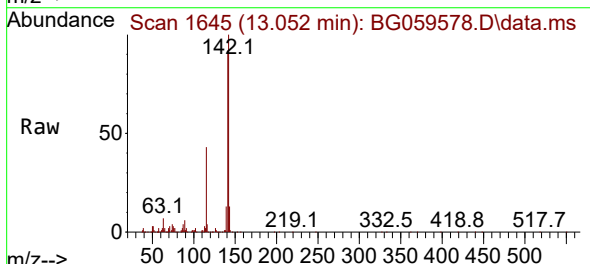
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

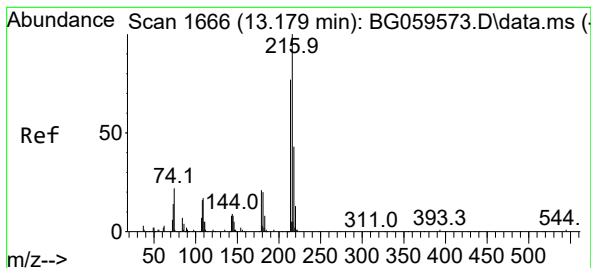
Tgt Ion:142 Resp: 370301
Ion Ratio Lower Upper
142 100
141 80.6 71.7 107.5



#37
1-Methylnaphthalene
Concen: 20.574 ng/ul
RT: 13.052 min Scan# 1645
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:142 Resp: 359051
Ion Ratio Lower Upper
142 100
141 91.5 73.1 109.7
116 4.5 3.3 4.9

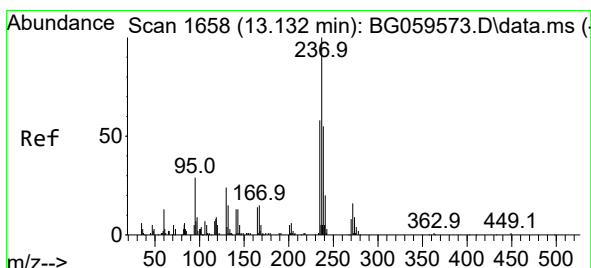
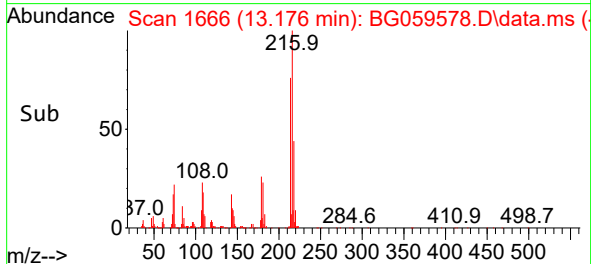
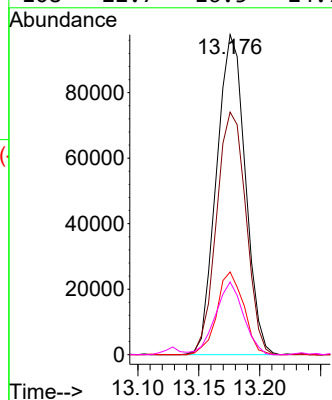
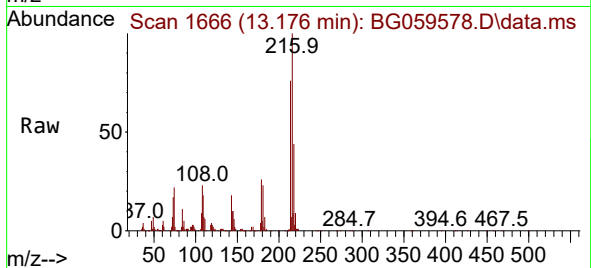




#39
1,2,4,5-Tetrachlorobenzene
Concen: 21.549 ng/ul
RT: 13.176 min Scan# 1666
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

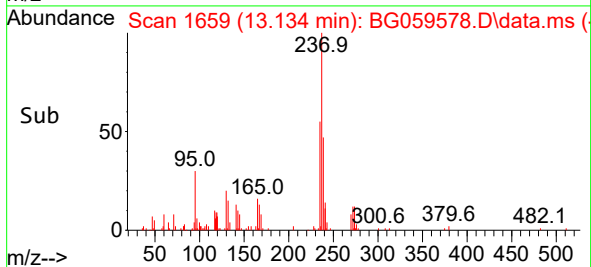
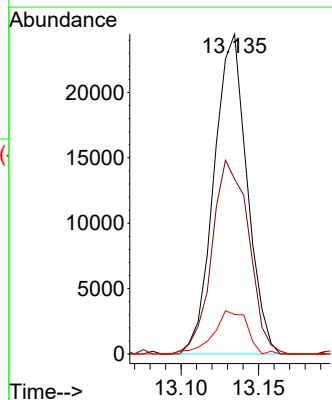
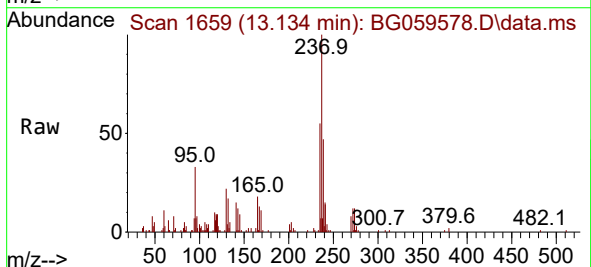
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

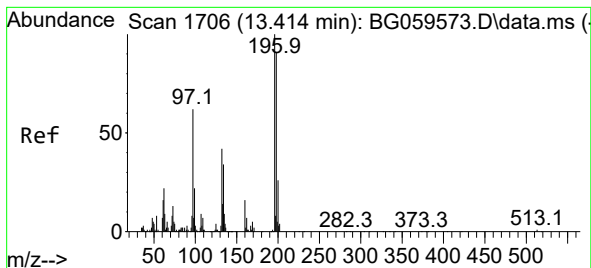
Tgt Ion:216 Resp: 160592
Ion Ratio Lower Upper
216 100
214 75.8 63.7 95.5
179 25.9 19.2 28.8
108 22.7 16.5 24.7



#40
Hexachlorocyclopentadiene
Concen: 8.340 ng/ul
RT: 13.134 min Scan# 1659
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:237 Resp: 36230
Ion Ratio Lower Upper
237 100
235 54.6 46.6 69.8
272 12.3 13.0 19.4#





#41

2,4,6-Trichlorophenol

Concen: 22.166 ng/ul

RT: 13.417 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

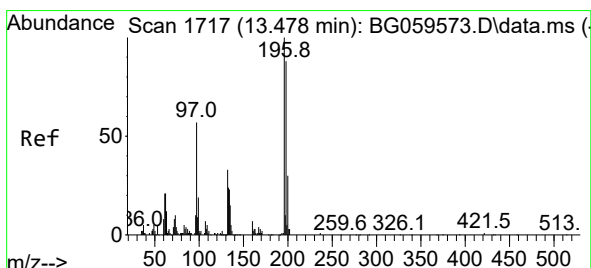
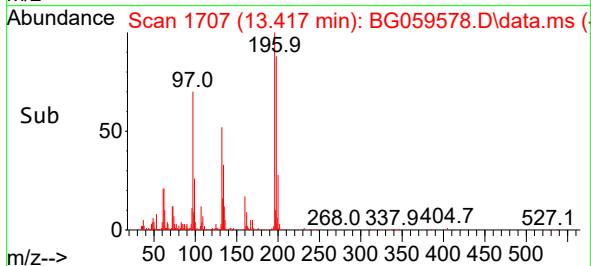
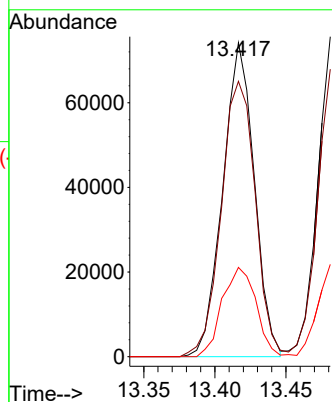
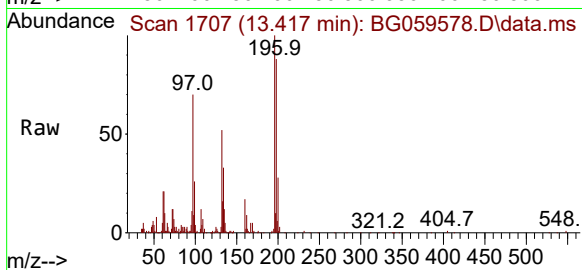
Tgt Ion:196 Resp: 114387

Ion Ratio Lower Upper

196 100

198 87.7 69.6 104.4

200 29.9 23.8 35.8



#42

2,4,5-Trichlorophenol

Concen: 22.962 ng/ul

RT: 13.487 min Scan# 1719

Delta R.T. 0.002 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

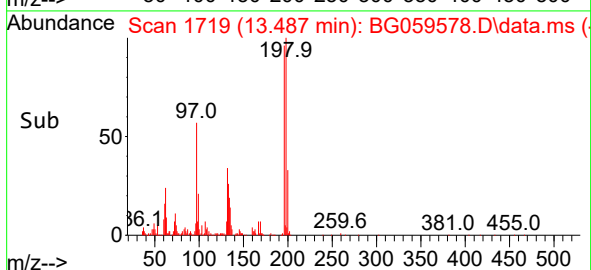
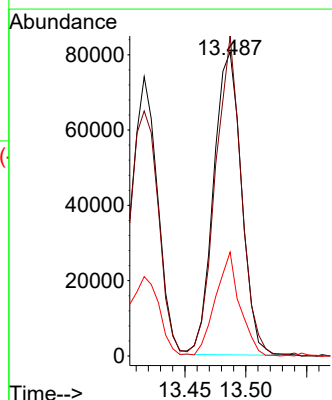
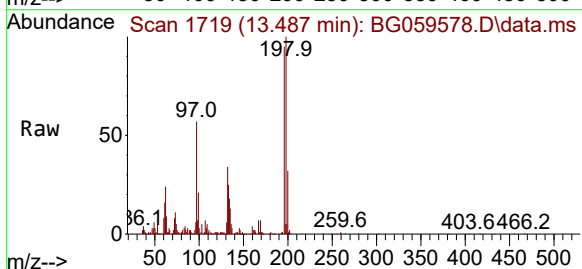
Tgt Ion:196 Resp: 128287

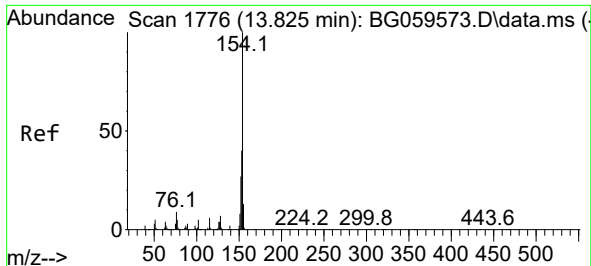
Ion Ratio Lower Upper

196 100

198 105.3 79.8 119.6

200 35.2 28.0 42.0

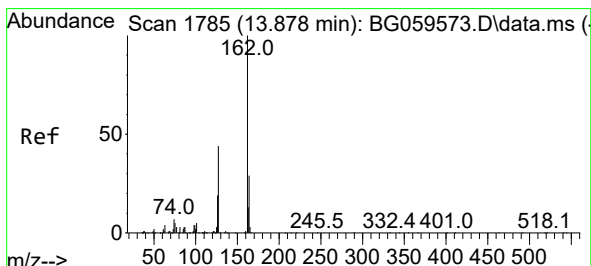
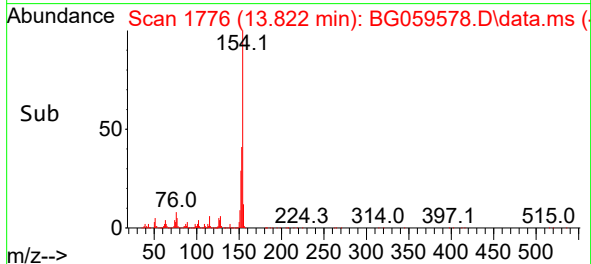
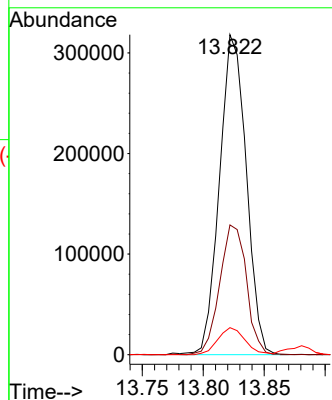
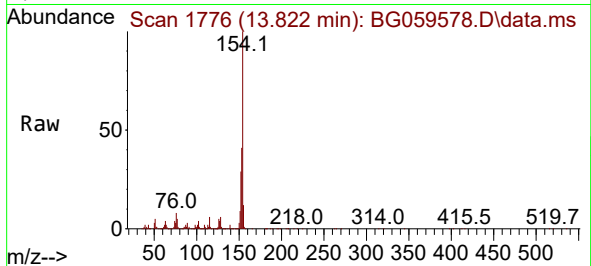




#43
1,1'-Biphenyl
Concen: 20.770 ng/ul
RT: 13.822 min Scan# 1776
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

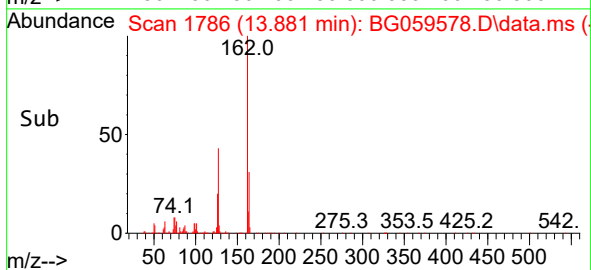
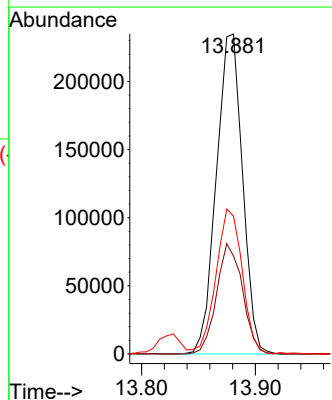
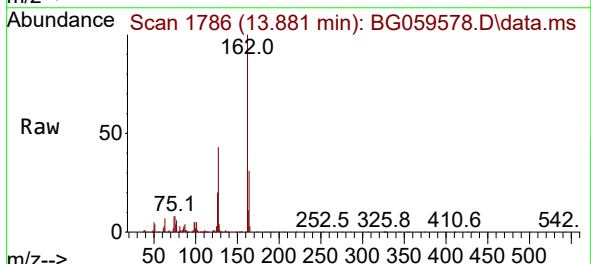
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

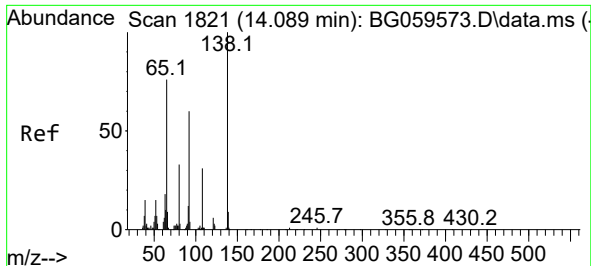
Tgt Ion:154 Resp: 485501
Ion Ratio Lower Upper
154 100
153 40.5 30.7 46.1
76 8.4 8.2 12.4



#44
2-Chloronaphthalene
Concen: 20.687 ng/ul
RT: 13.881 min Scan# 1786
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:162 Resp: 375833
Ion Ratio Lower Upper
162 100
164 30.6 23.9 35.9
127 43.1 35.3 52.9

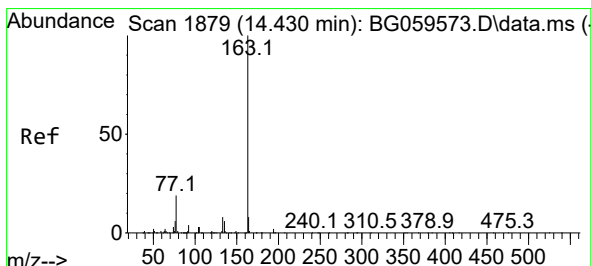
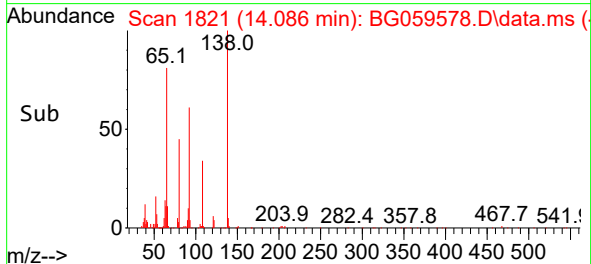
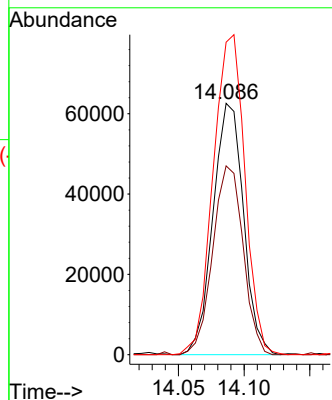
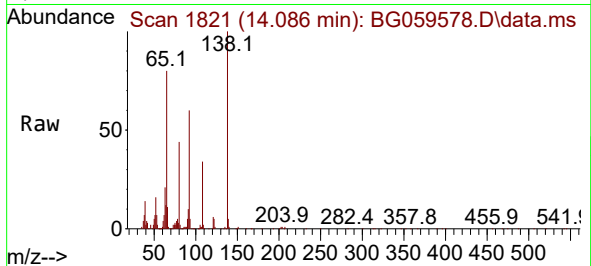




#45
2-Nitroaniline
Concen: 29.932 ng/ul
RT: 14.086 min Scan# 1821
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

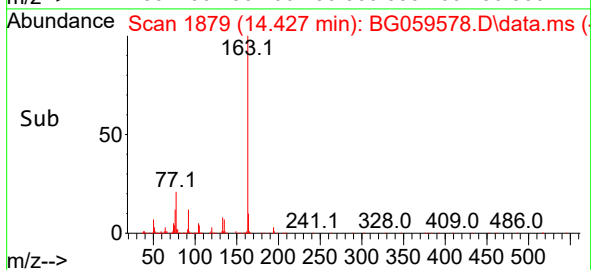
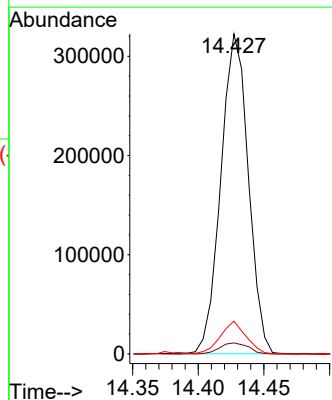
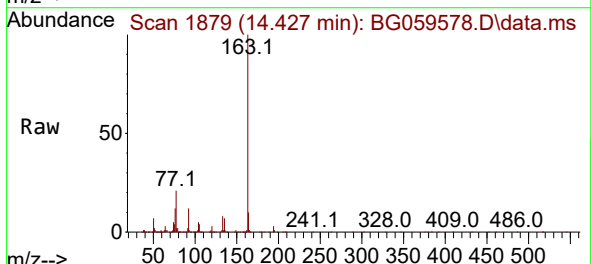
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

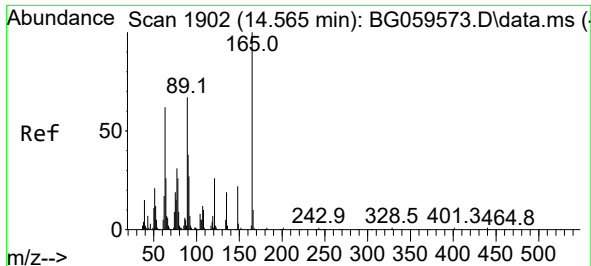
Tgt Ion: 65 Resp: 101181
Ion Ratio Lower Upper
65 100
92 75.1 59.6 89.4
138 124.4 109.0 163.6



#47
Dimethylphthalate
Concen: 20.301 ng/ul
RT: 14.427 min Scan# 1879
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:163 Resp: 469526
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.2 6.6 10.0#

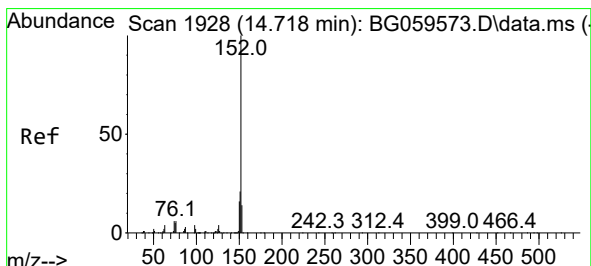
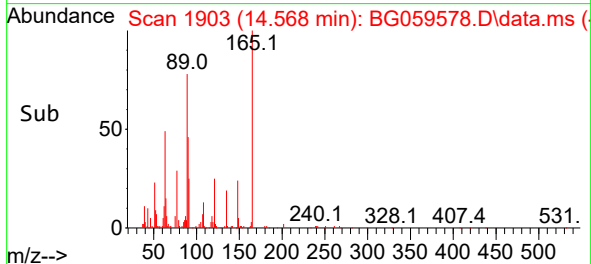
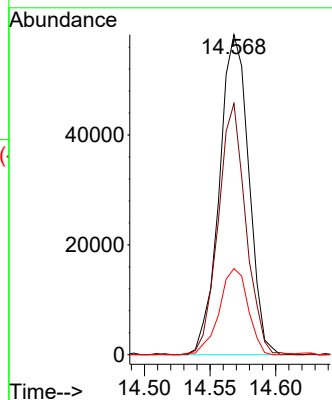
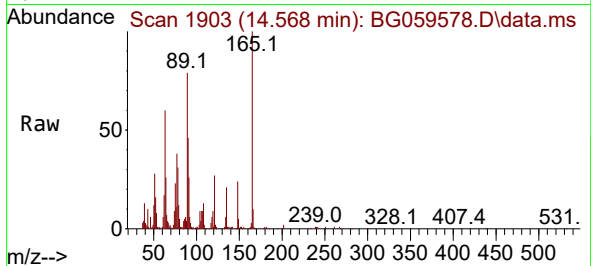




#48
2,6-Dinitrotoluene
Concen: 26.034 ng/ul
RT: 14.568 min Scan# 1902
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

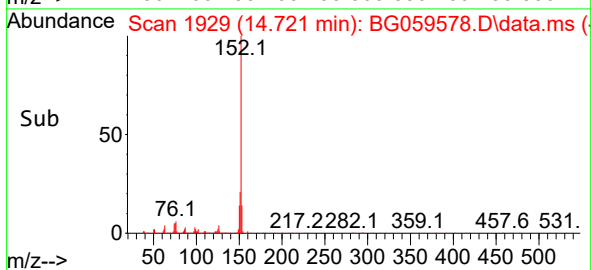
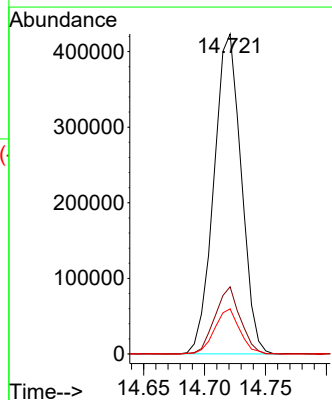
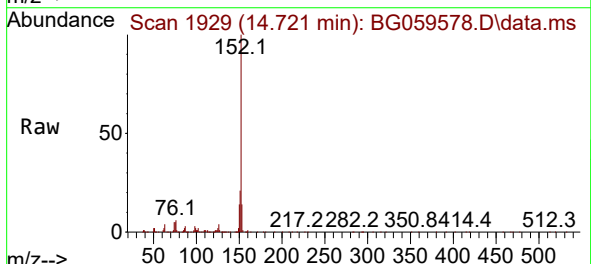
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

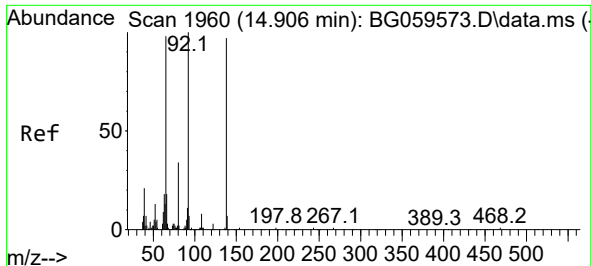
Tgt Ion:165 Resp: 90828
Ion Ratio Lower Upper
165 100
89 78.5 41.0 61.4#
121 26.9 12.3 18.5#



#50
Acenaphthylene
Concen: 20.863 ng/ul
RT: 14.721 min Scan# 1929
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:152 Resp: 660371
Ion Ratio Lower Upper
152 100
151 21.0 16.6 25.0
153 14.1 9.4 14.2

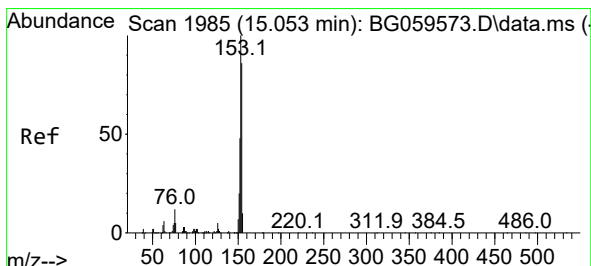
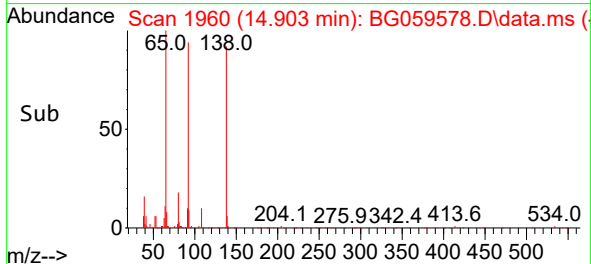
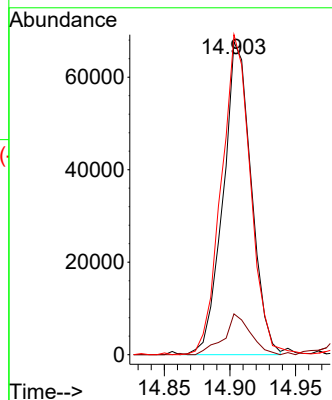
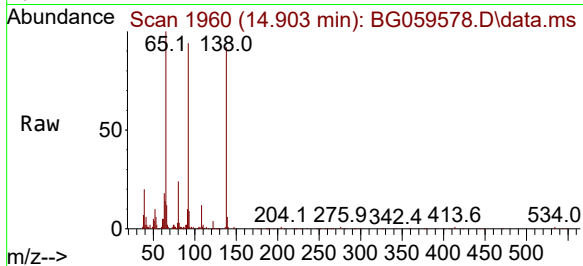




#51
3-Nitroaniline
Concen: 23.227 ng/ul
RT: 14.903 min Scan# 1960
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

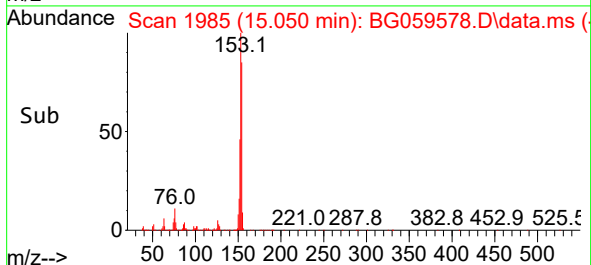
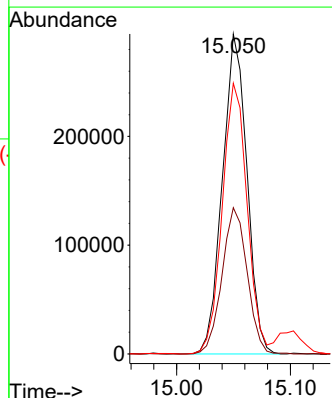
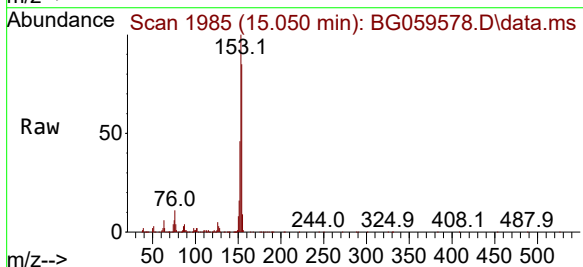
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

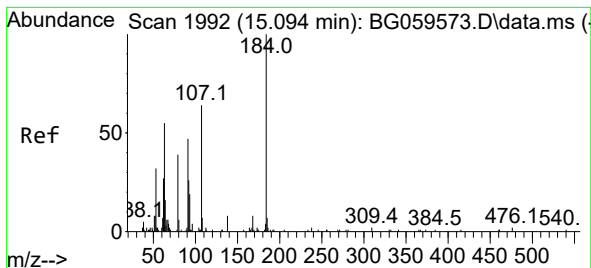
Tgt Ion:138 Resp: 101006
Ion Ratio Lower Upper
138 100
108 13.1 17.1 25.7#
92 102.2 101.8 152.8



#52
Acenaphthene
Concen: 21.388 ng/ul
RT: 15.050 min Scan# 1985
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:153 Resp: 441301
Ion Ratio Lower Upper
153 100
152 45.7 37.6 56.4
154 84.6 69.4 104.0

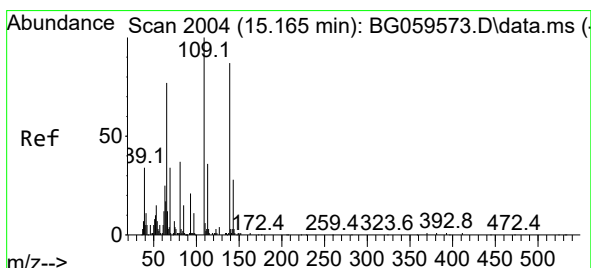
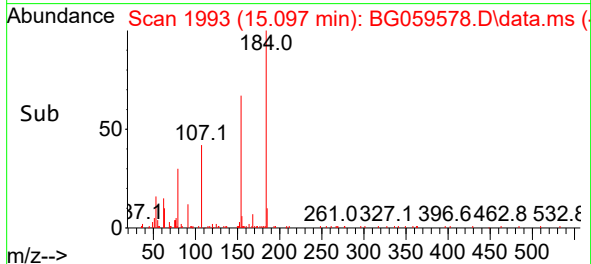
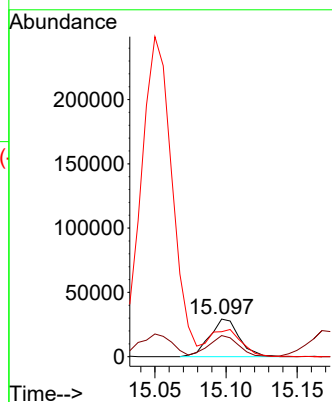
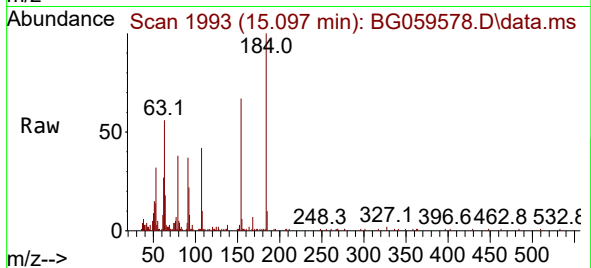




#53
2,4-Dinitrophenol
Concen: 21.320 ng/ul
RT: 15.097 min Scan# 1992
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

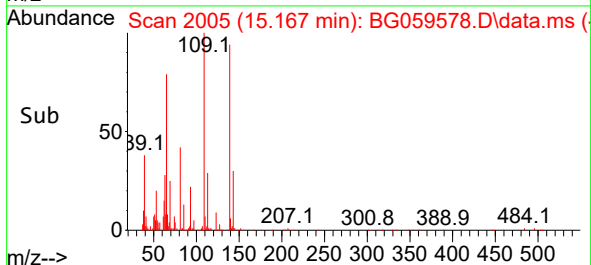
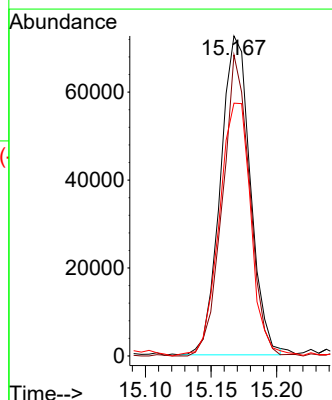
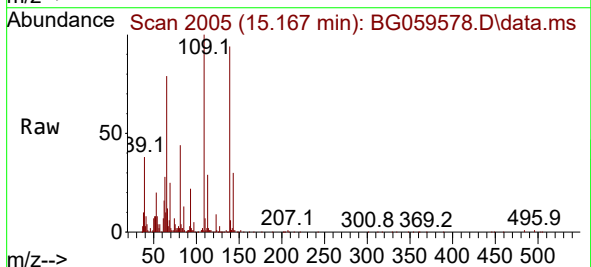
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

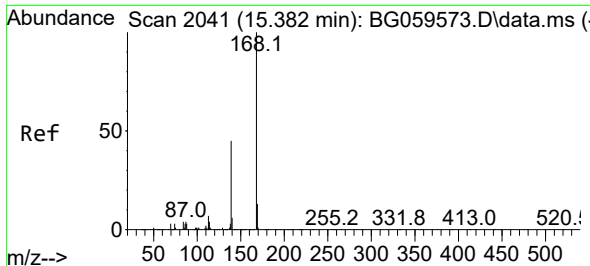
Tgt Ion:184 Resp: 42264
Ion Ratio Lower Upper
184 100
63 56.1 35.0 52.6#
154 66.5 49.8 74.8



#55
4-Nitrophenol
Concen: 26.014 ng/ul
RT: 15.167 min Scan# 2005
Delta R.T. 0.002 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:109 Resp: 115086
Ion Ratio Lower Upper
109 100
139 94.1 72.2 108.2
65 79.0 57.3 85.9

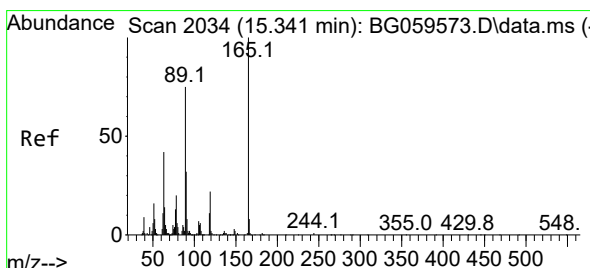
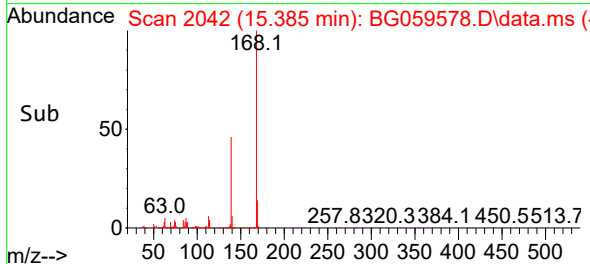
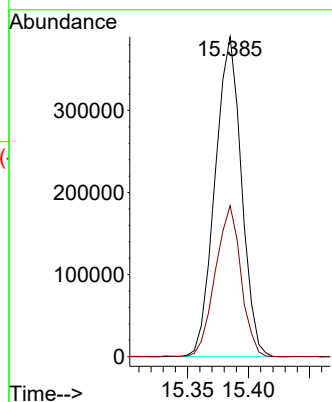
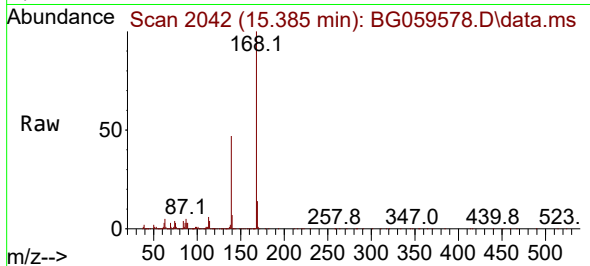




#56
Dibenzofuran
Concen: 21.945 ng/ul
RT: 15.385 min Scan# 2041
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

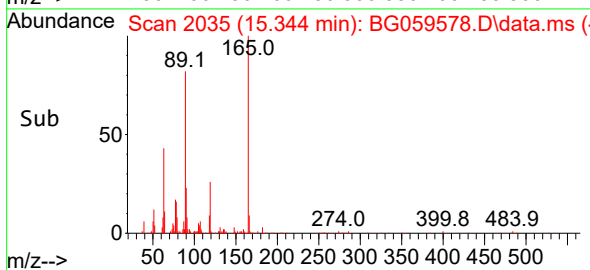
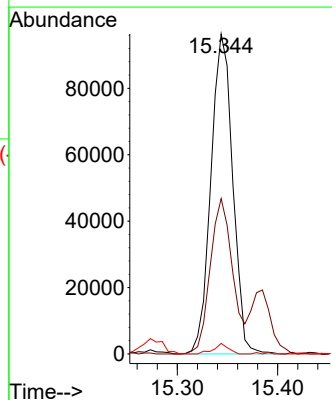
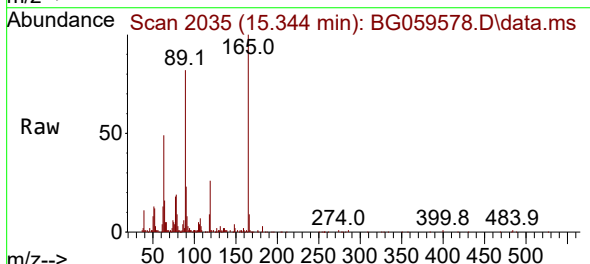
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

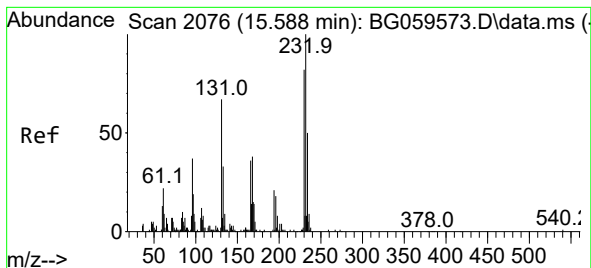
Tgt Ion:168 Resp: 587007
Ion Ratio Lower Upper
168 100
139 47.2 33.8 50.8



#57
2,4-Dinitrotoluene
Concen: 29.697 ng/ul
RT: 15.344 min Scan# 2035
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:165 Resp: 145740
Ion Ratio Lower Upper
165 100
63 48.5 30.9 46.3#
182 3.3 1.8 2.6#

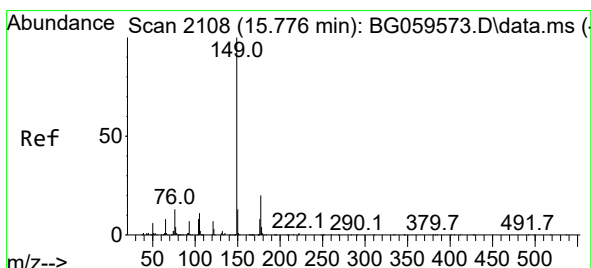
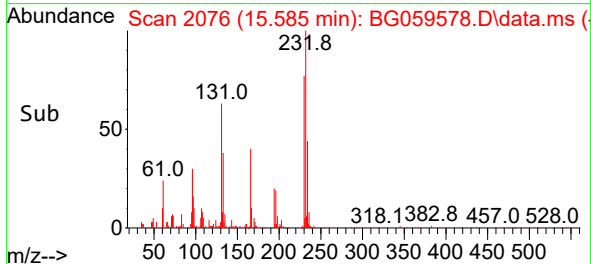
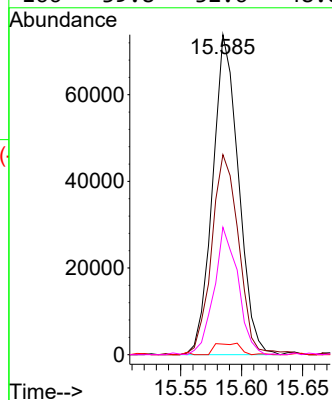
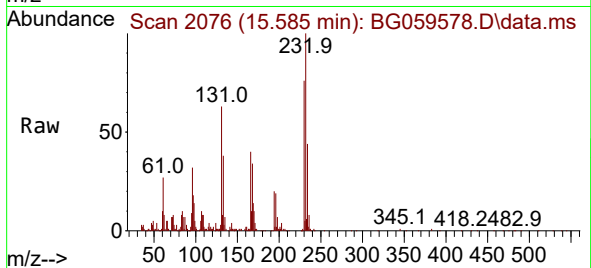




#58
2,3,4,6-Tetrachlorophenol
Concen: 24.915 ng/ul
RT: 15.585 min Scan# 2076
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

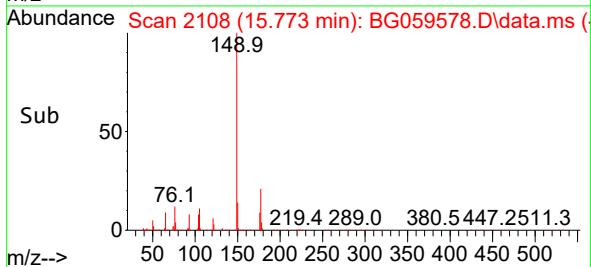
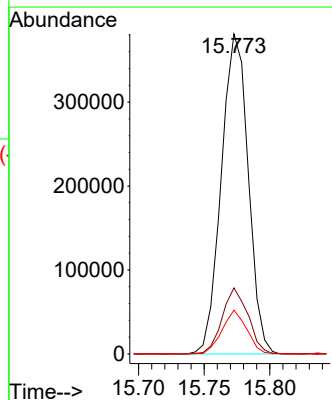
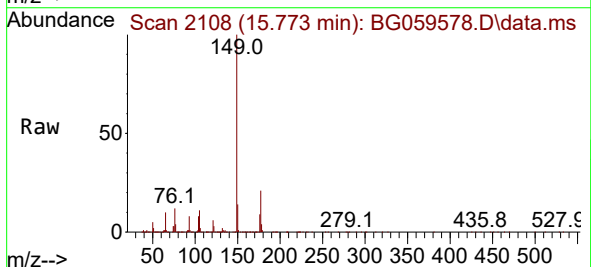
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

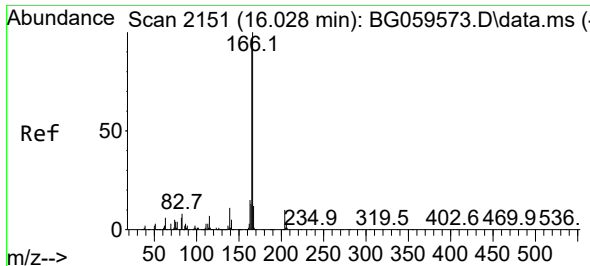
Tgt Ion:232 Resp: 109253
Ion Ratio Lower Upper
232 100
131 62.5 44.2 66.2
130 3.3 2.3 3.5
166 39.8 32.6 48.8



#59
Diethylphthalate
Concen: 21.557 ng/ul
RT: 15.773 min Scan# 2108
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:149 Resp: 543873
Ion Ratio Lower Upper
149 100
177 20.7 16.3 24.5
150 13.7 9.1 13.7#

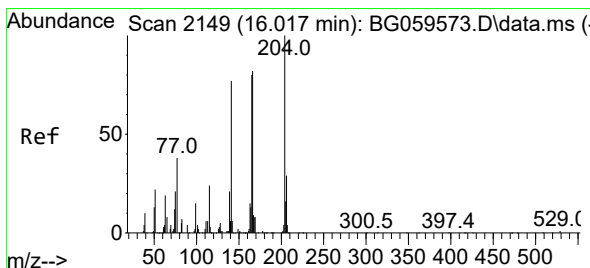
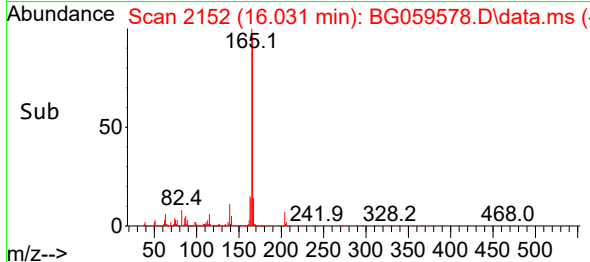
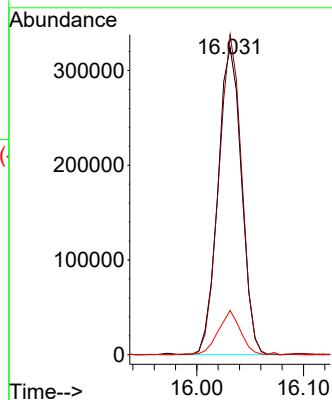
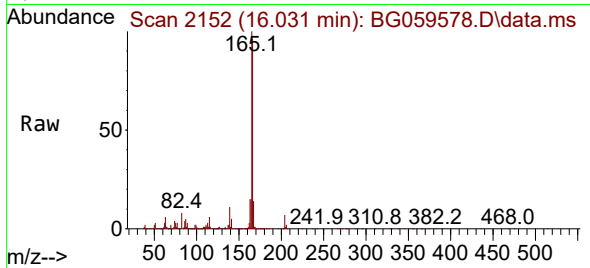




#61
Fluorene
Concen: 21.606 ng/ul
RT: 16.031 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

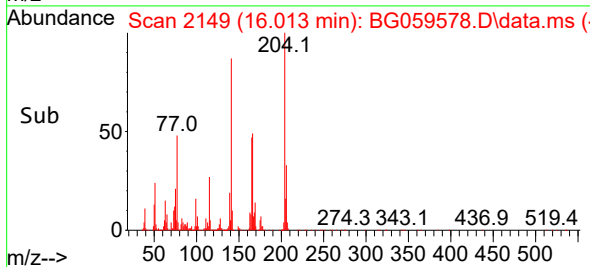
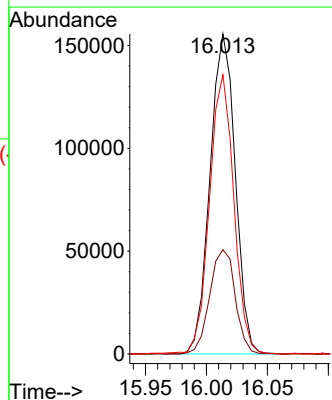
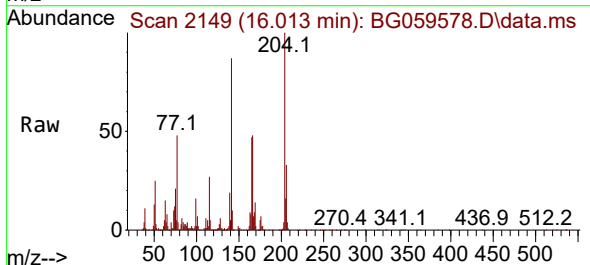
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

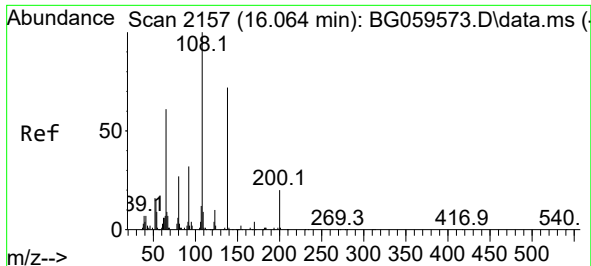
Tgt Ion:166 Resp: 498927
Ion Ratio Lower Upper
166 100
165 104.2 74.4 111.6
167 14.4 9.1 13.7#



#62
4-Chlorophenyl-phenylether
Concen: 22.718 ng/ul
RT: 16.013 min Scan# 2149
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:204 Resp: 224203
Ion Ratio Lower Upper
204 100
206 32.6 28.8 43.2
141 87.2 68.6 103.0

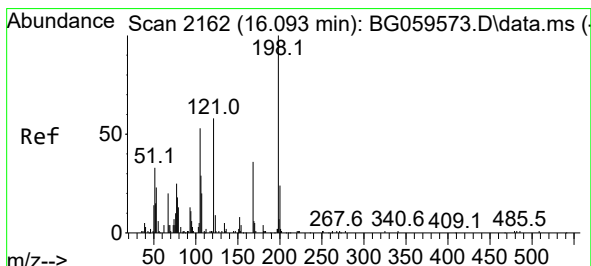
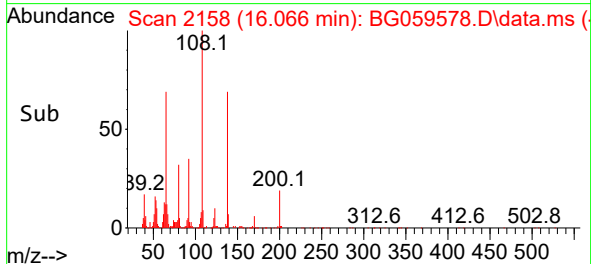
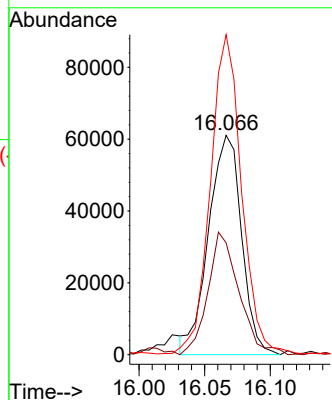
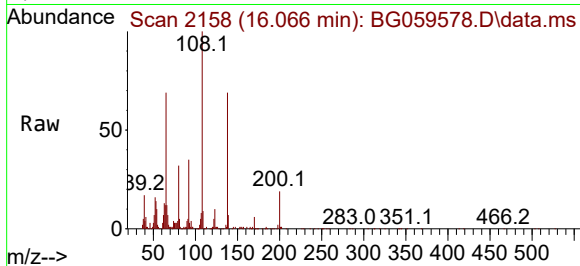




#63
4-Nitroaniline
Concen: 23.132 ng/ul
RT: 16.066 min Scan# 2157
Delta R.T. -0.003 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

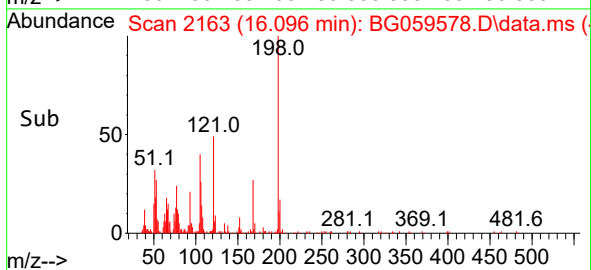
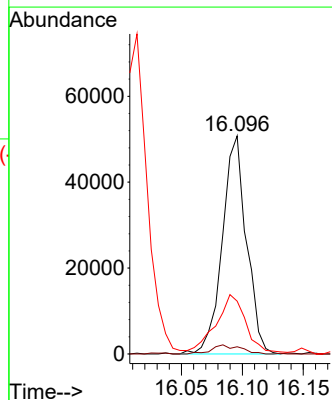
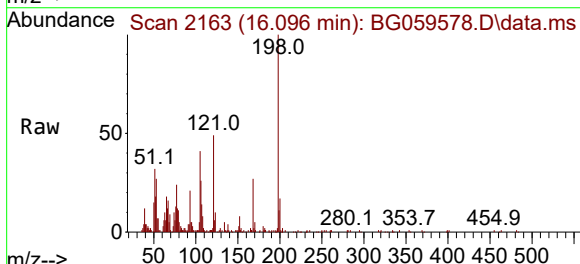
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

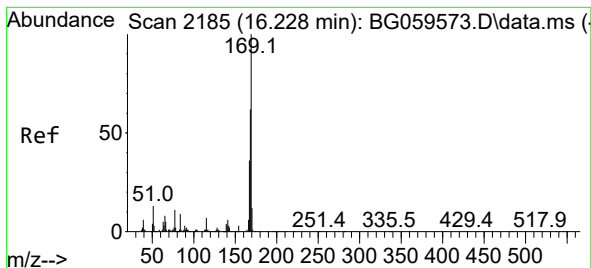
Tgt Ion:138 Resp: 106757
Ion Ratio Lower Upper
138 100
92 51.0 49.8 74.8
108 145.8 100.9 151.3



#66
4,6-Dinitro-2-methylphenol
Concen: 26.860 ng/ul
RT: 16.096 min Scan# 2163
Delta R.T. 0.002 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:198 Resp: 70053
Ion Ratio Lower Upper
198 100
182 3.3 1.4 2.0#
77 24.2 15.8 23.8#





#67

N-Nitrosodiphenylamine

Concen: 23.649 ng/ul

RT: 16.231 min Scan# 2185

Delta R.T. -0.003 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

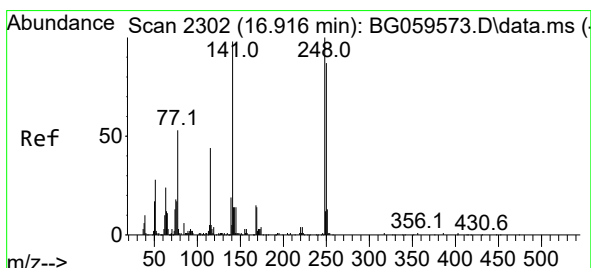
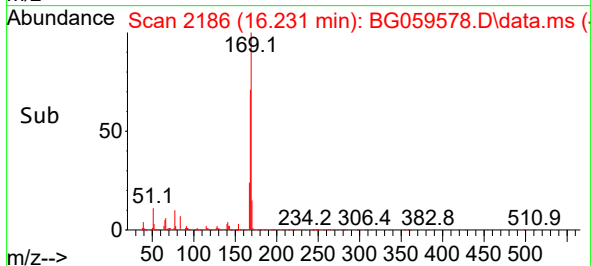
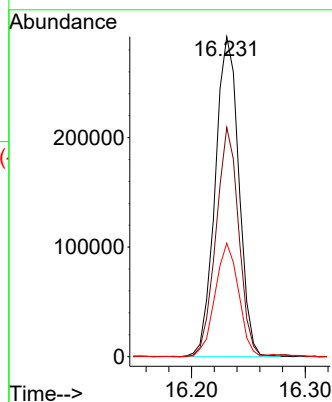
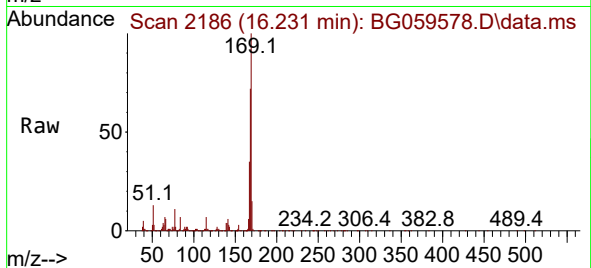
Tgt Ion:169 Resp: 422275

Ion Ratio Lower Upper

169 100

168 71.6 54.2 81.2

167 35.5 31.3 46.9



#68

4-Bromophenyl-phenylether

Concen: 24.810 ng/ul

RT: 16.912 min Scan# 2302

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

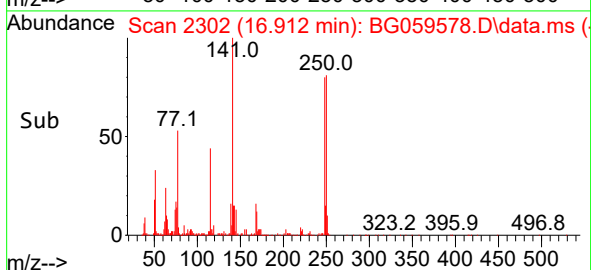
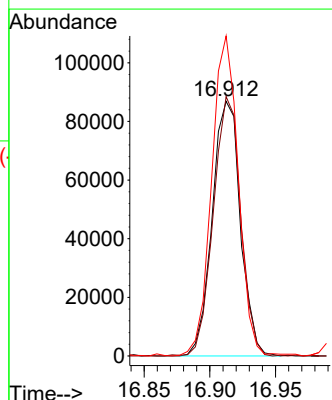
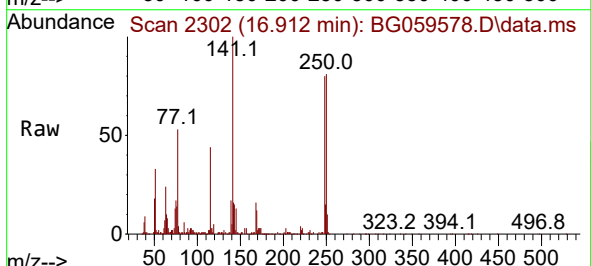
Tgt Ion:248 Resp: 129733

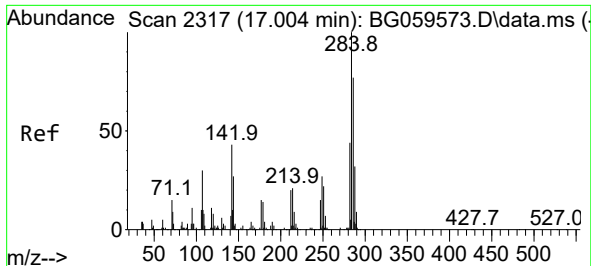
Ion Ratio Lower Upper

248 100

250 101.9 74.2 111.2

141 125.7 88.5 132.7

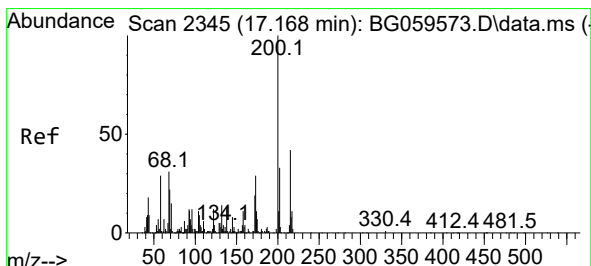
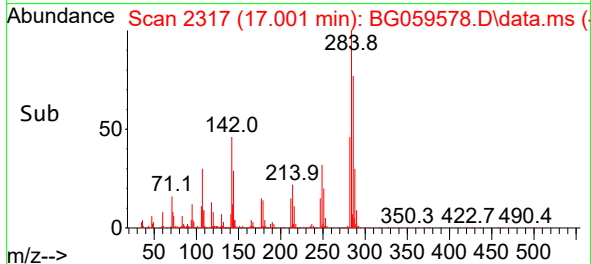
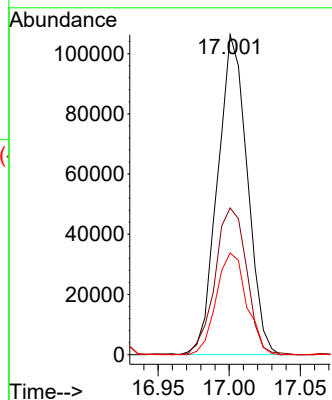
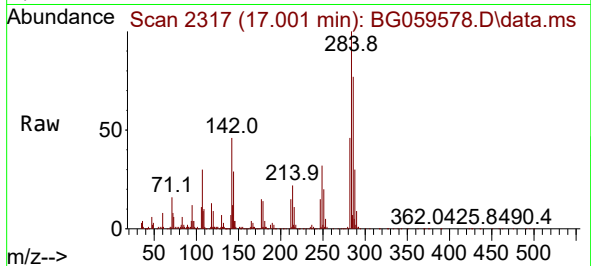




#69
Hexachlorobenzene
Concen: 25.549 ng/ul
RT: 17.001 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

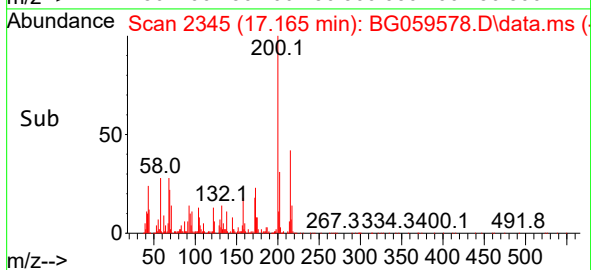
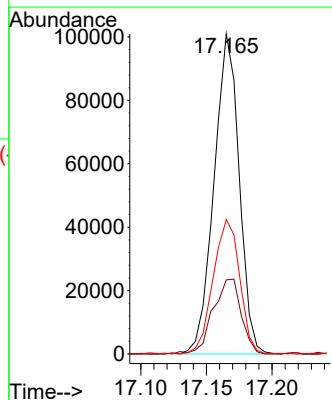
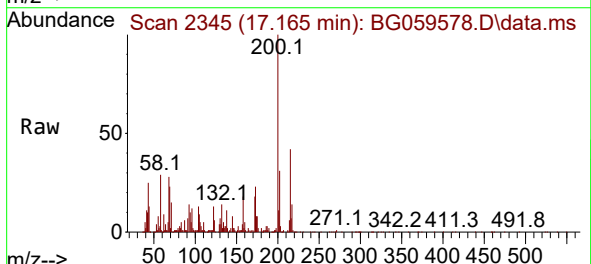
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

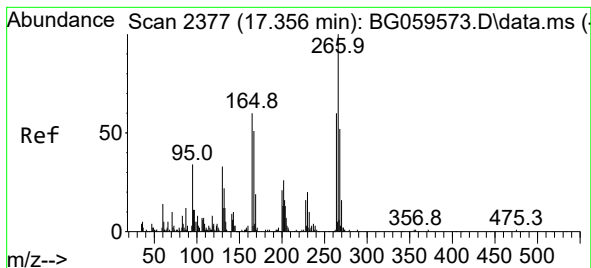
Tgt Ion:284 Resp: 154404
Ion Ratio Lower Upper
284 100
142 45.9 39.6 59.4
249 31.8 28.2 42.2



#70
Atrazine
Concen: 24.261 ng/ul
RT: 17.165 min Scan# 2345
Delta R.T. -0.009 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:200 Resp: 134237
Ion Ratio Lower Upper
200 100
173 23.2 25.7 38.5#
215 42.0 32.1 48.1





#71

Pentachlorophenol

Concen: 23.689 ng/ul

RT: 17.353 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

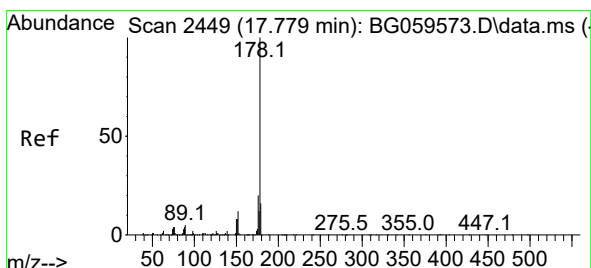
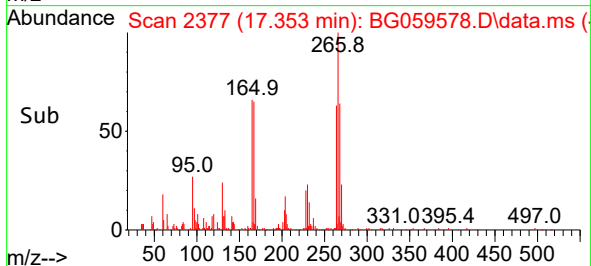
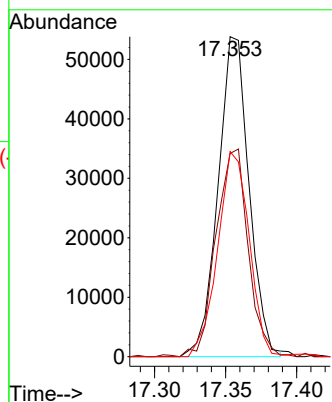
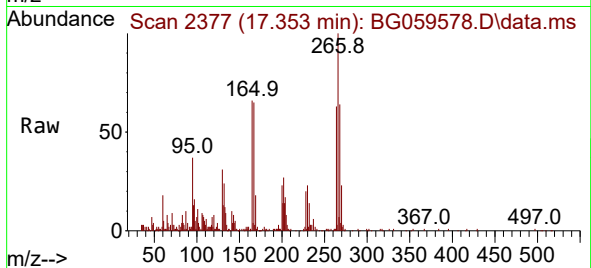
Tgt Ion:266 Resp: 81786

Ion Ratio Lower Upper

266 100

264 66.0 46.2 69.2

268 64.1 46.4 69.6



#72

Phenanthrene

Concen: 22.834 ng/ul

RT: 17.870 min Scan# 2465

Delta R.T. 0.085 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

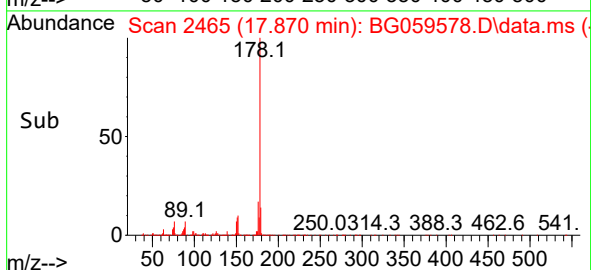
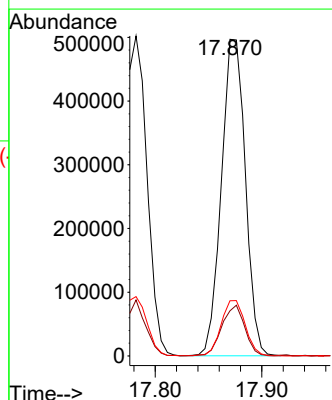
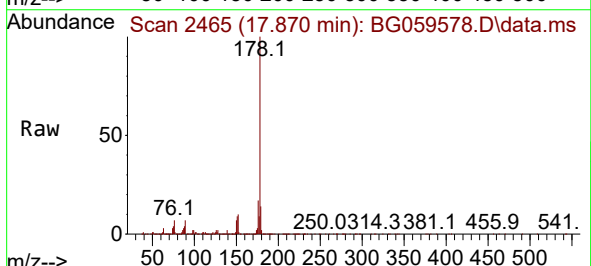
Tgt Ion:178 Resp: 775700

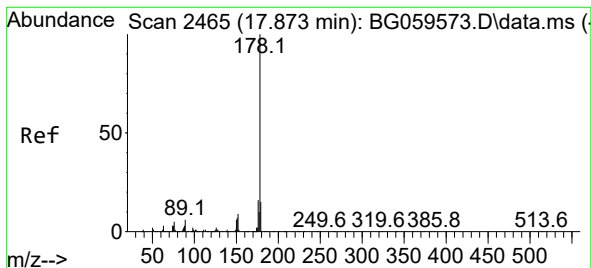
Ion Ratio Lower Upper

178 100

179 14.3 11.3 16.9

176 17.4 15.4 23.0





#74

Anthracene

Concen: 22.614 ng/uI

RT: 17.870 min Scan# 2465

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

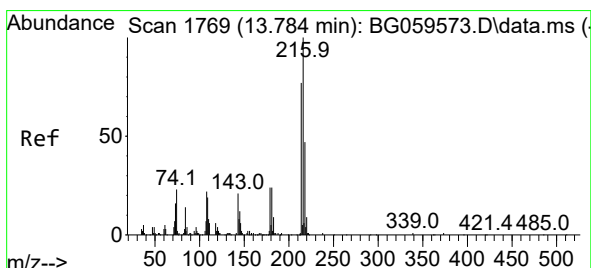
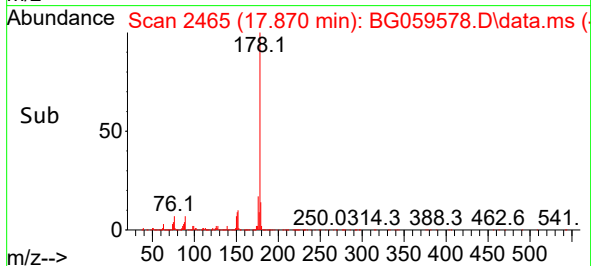
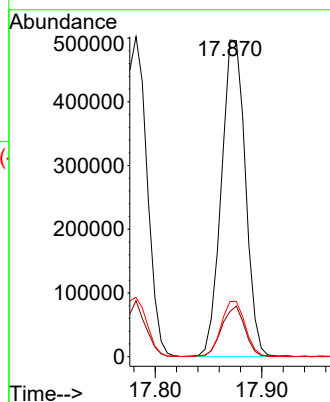
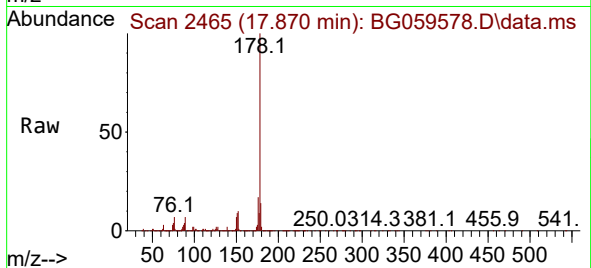
Tgt Ion:178 Resp: 775700

Ion Ratio Lower Upper

178 100

179 14.3 13.1 19.7

176 17.4 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.633 ng/uI

RT: 13.781 min Scan# 1769

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

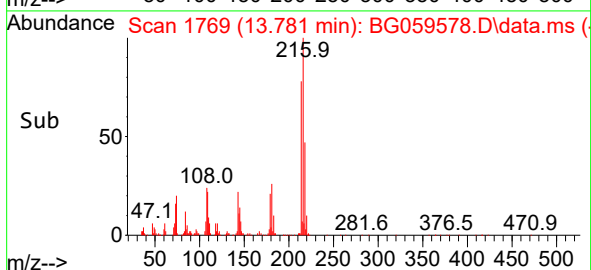
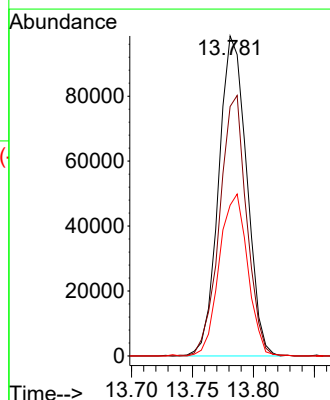
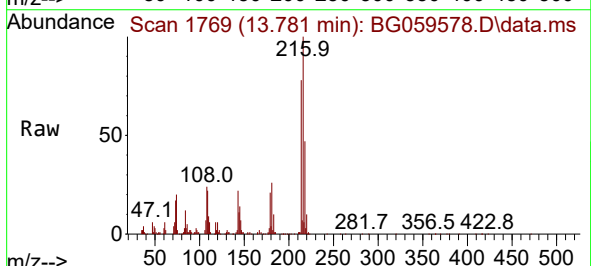
Tgt Ion:216 Resp: 157503

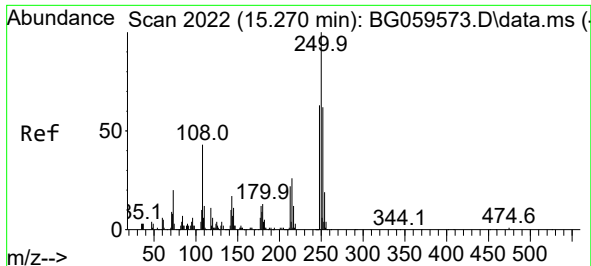
Ion Ratio Lower Upper

216 100

214 77.9 70.2 105.2

218 47.1 39.9 59.9

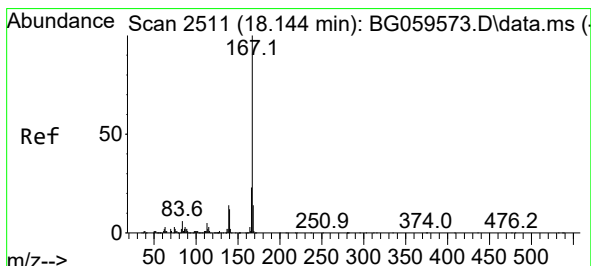
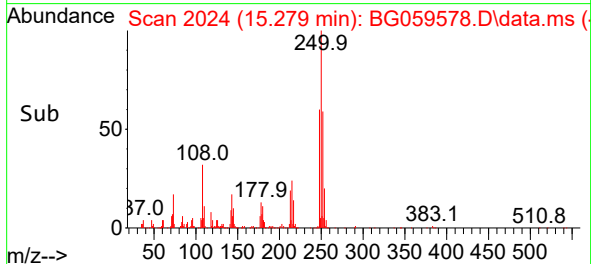
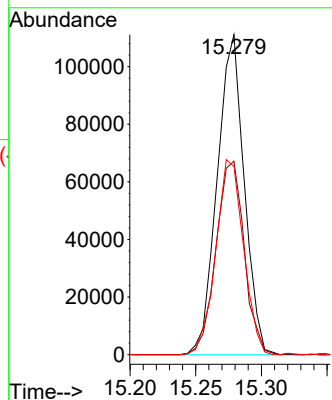
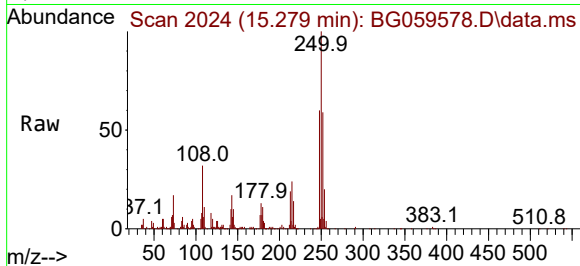




#76
 Pentachlorobenzene
 Concen: 24.095 ng/uL
 RT: 15.279 min Scan# 20
 Delta R.T. -0.004 min
 Lab File: BG059578.D
 Acq: 1 Nov 2023 13:59

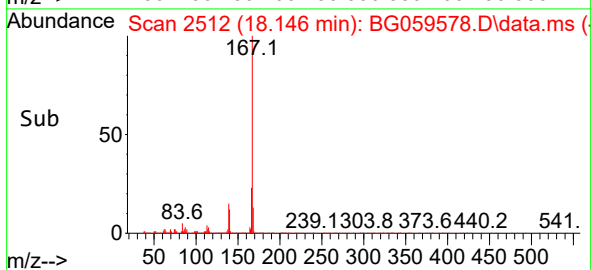
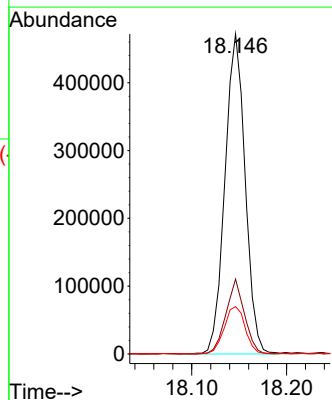
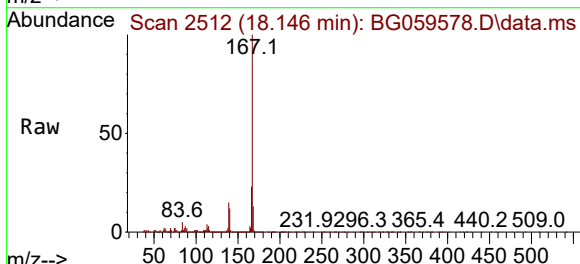
Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MSD

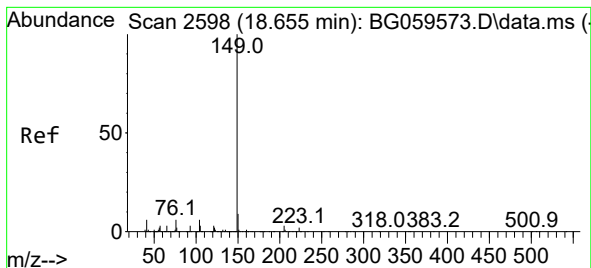
Tgt Ion:250 Resp: 159113
 Ion Ratio Lower Upper
 250 100
 248 60.4 48.7 73.1
 252 58.8 51.2 76.8



#77
 Carbazole
 Concen: 23.762 ng/uL
 RT: 18.146 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: BG059578.D
 Acq: 1 Nov 2023 13:59

Tgt Ion:167 Resp: 700187
 Ion Ratio Lower Upper
 167 100
 166 23.4 19.4 29.2
 139 14.8 11.7 17.5





#78

Di-n-butylphthalate

Concen: 22.253 ng/ul

RT: 18.657 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

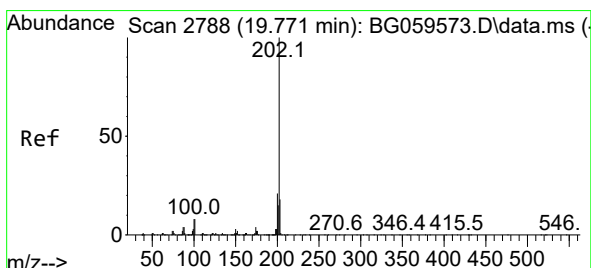
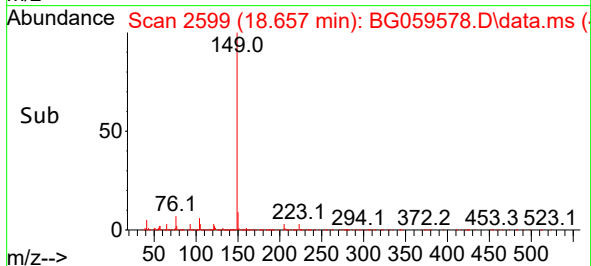
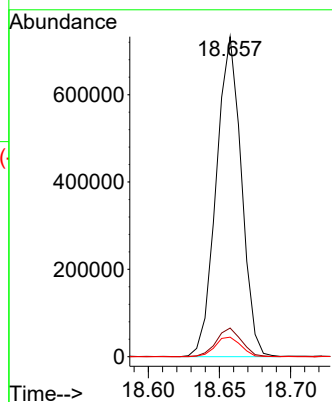
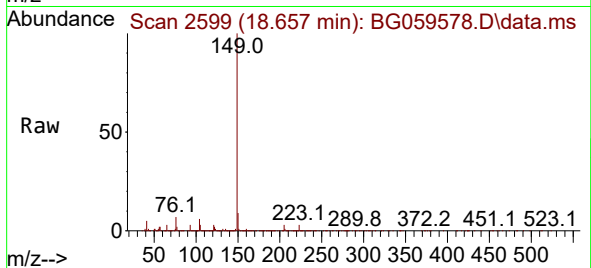
Tgt Ion:149 Resp: 900946

Ion Ratio Lower Upper

149 100

150 8.9 7.5 11.3

104 6.1 5.3 7.9



#80

Fluoranthene

Concen: 25.387 ng/ul

RT: 19.774 min Scan# 2789

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

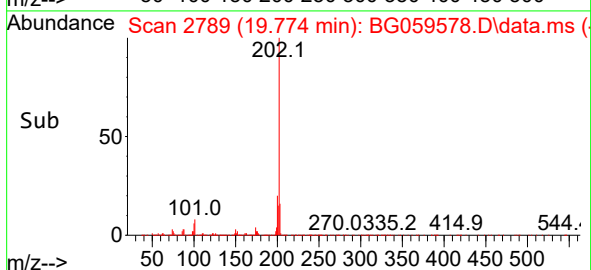
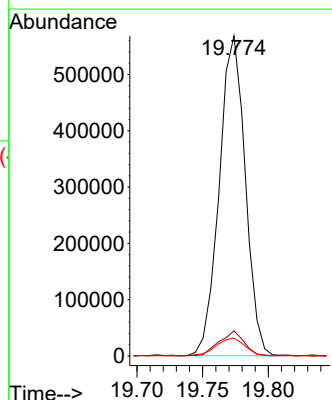
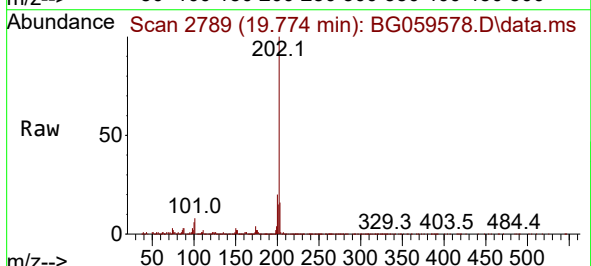
Tgt Ion:202 Resp: 782673

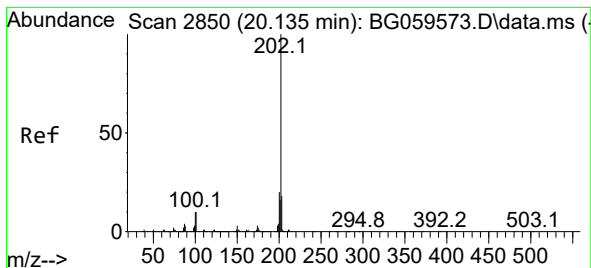
Ion Ratio Lower Upper

202 100

101 7.9 7.0 10.6

100 5.6 5.2 7.8





#82

Pyrene

Concen: 25.036 ng/ul

RT: 20.138 min Scan# 2850

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

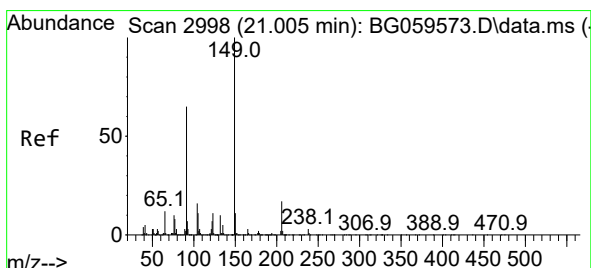
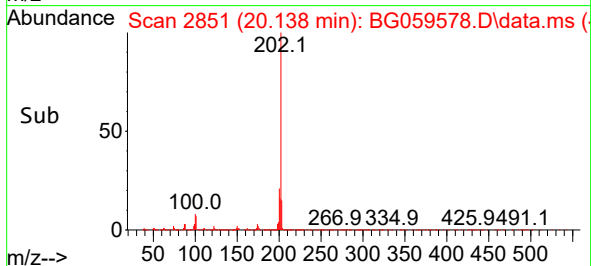
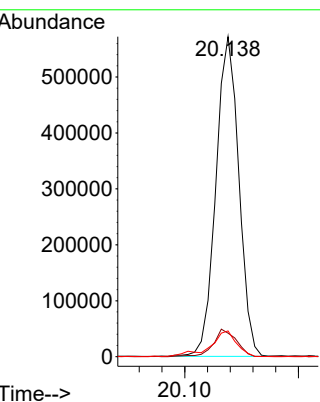
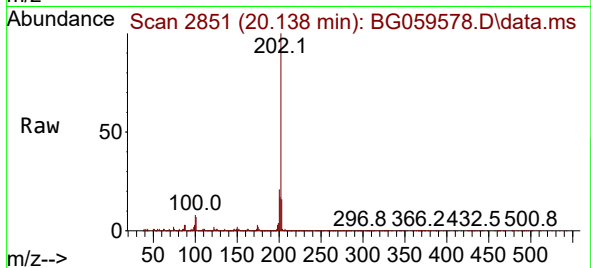
Tgt Ion:202 Resp: 801761

Ion Ratio Lower Upper

202 100

101 7.4 7.9 11.9#

100 8.1 7.9 11.9



#83

Butylbenzylphthalate

Concen: 24.299 ng/ul

RT: 21.002 min Scan# 2998

Delta R.T. -0.015 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

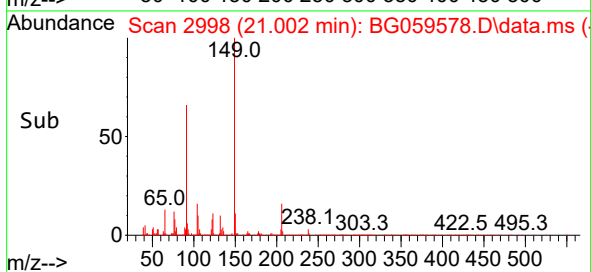
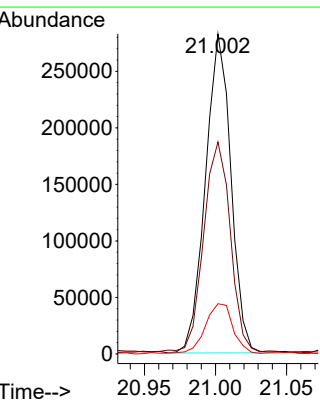
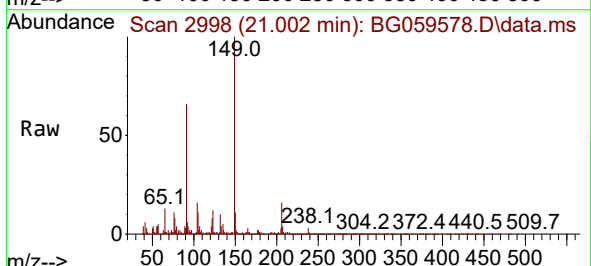
Tgt Ion:149 Resp: 351419

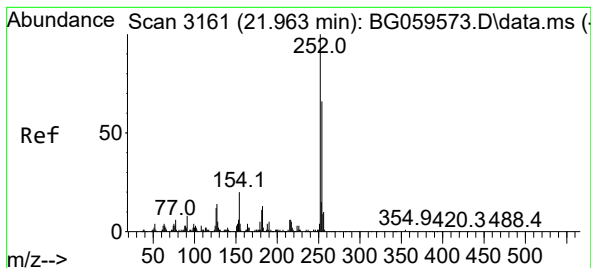
Ion Ratio Lower Upper

149 100

91 66.2 52.2 78.2

206 15.7 15.1 22.7





#84

3,3'-Dichlorobenzidine

Concen: 18.162 ng/ul

RT: 21.959 min Scan# 3161

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

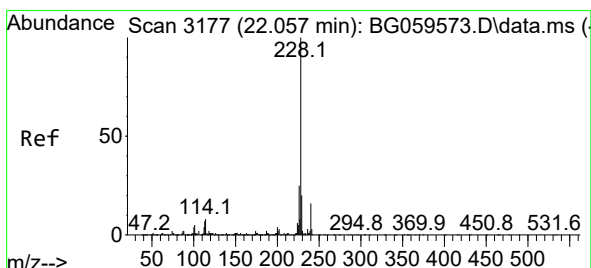
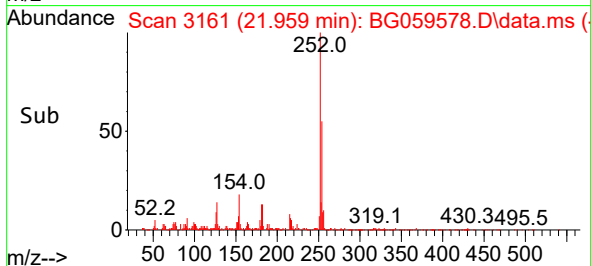
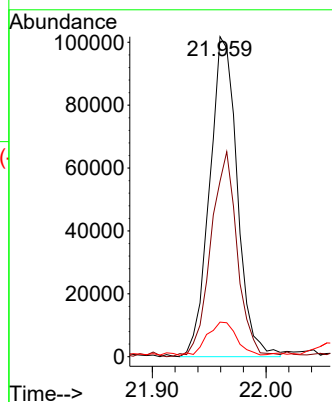
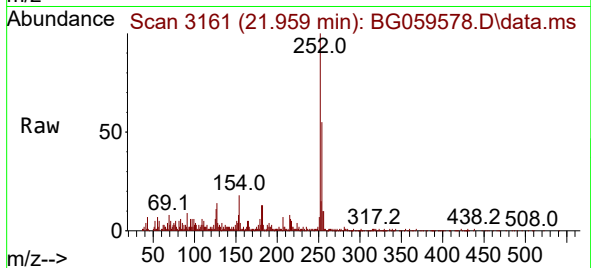
Tgt Ion:252 Resp: 171852

Ion Ratio Lower Upper

252 100

254 54.8 48.9 73.3

126 10.8 11.5 17.3#



#85

Benzo(a)anthracene

Concen: 23.459 ng/ul

RT: 22.053 min Scan# 3177

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

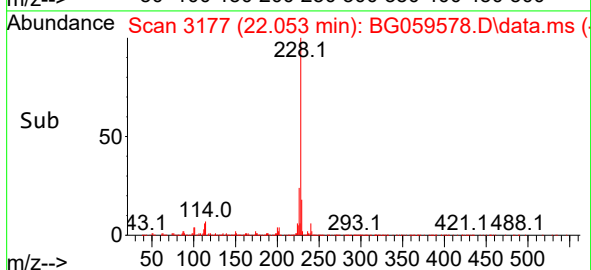
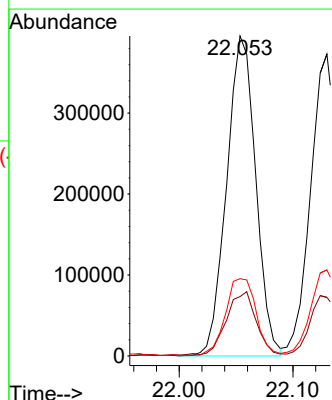
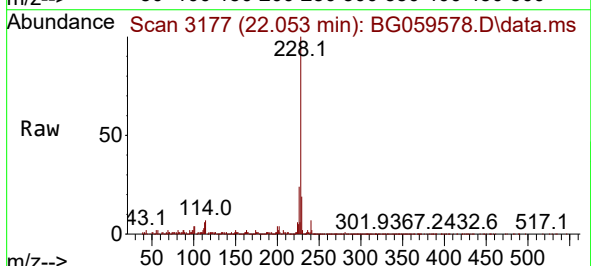
Tgt Ion:228 Resp: 702440

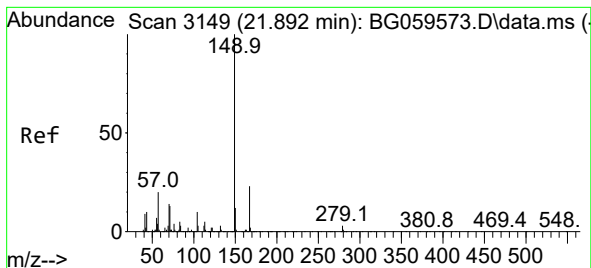
Ion Ratio Lower Upper

228 100

229 18.6 16.7 25.1

226 24.2 20.3 30.5

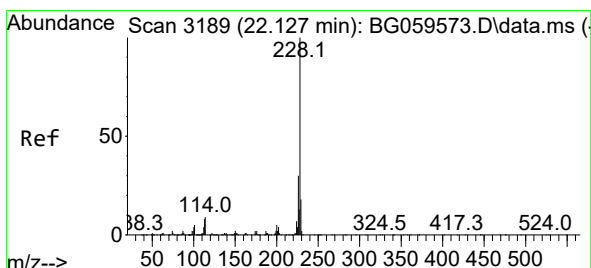
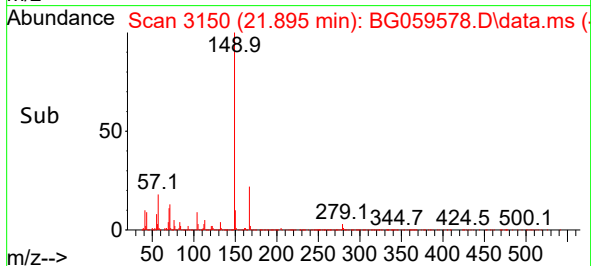
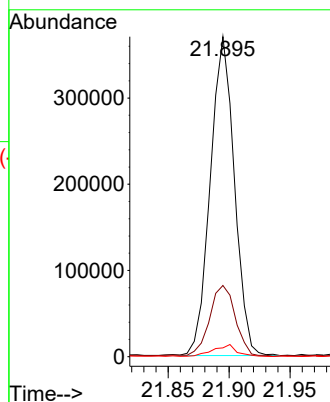
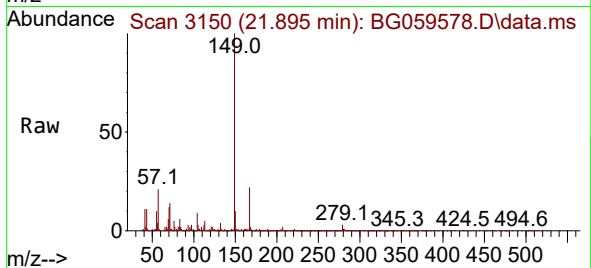




#86
Bis(2-ethylhexyl)phthalate
Concen: 23.599 ng/ul
RT: 21.895 min Scan# 3149
Delta R.T. -0.021 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

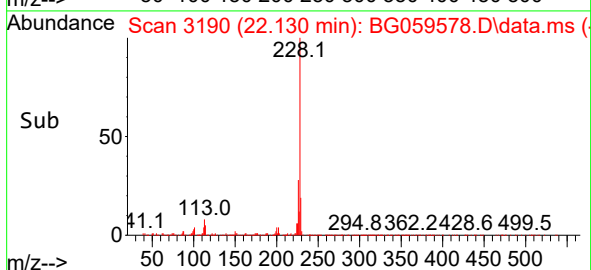
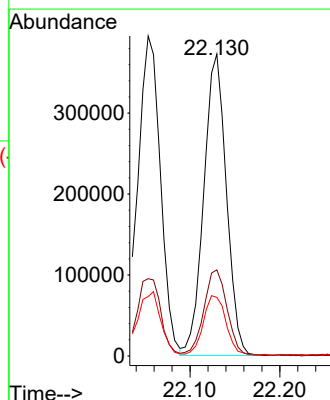
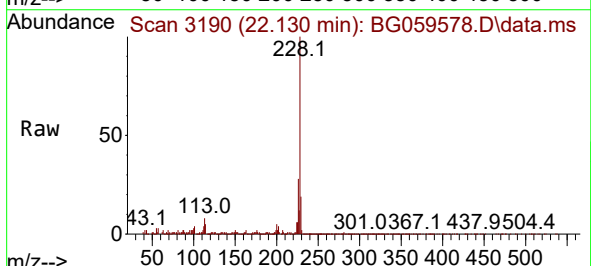
Instrument :
BNA_G
ClientSampleId :
EOAS3MSD

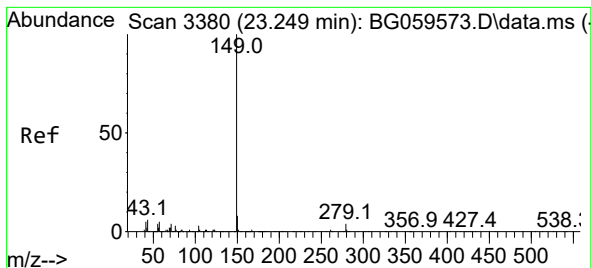
Tgt Ion:149 Resp: 509273
Ion Ratio Lower Upper
149 100
167 22.2 19.4 29.2
279 2.7 2.2 3.4



#87
Chrysene
Concen: 23.384 ng/ul
RT: 22.130 min Scan# 3190
Delta R.T. -0.004 min
Lab File: BG059578.D
Acq: 1 Nov 2023 13:59

Tgt Ion:228 Resp: 651340
Ion Ratio Lower Upper
228 100
226 28.5 21.0 31.4
229 19.4 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 23.244 ng/ul

RT: 23.246 min Scan# 31

Delta R.T. -0.027 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

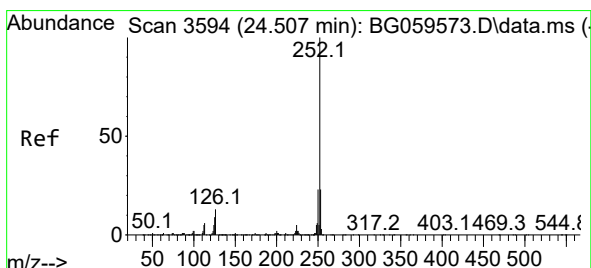
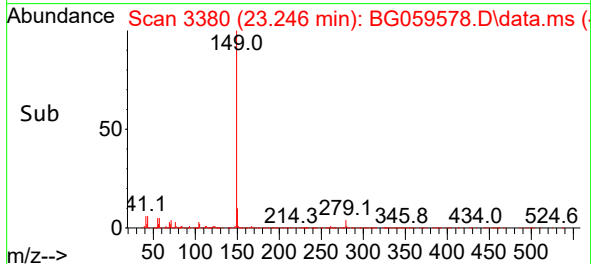
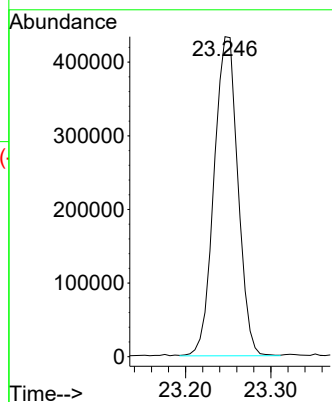
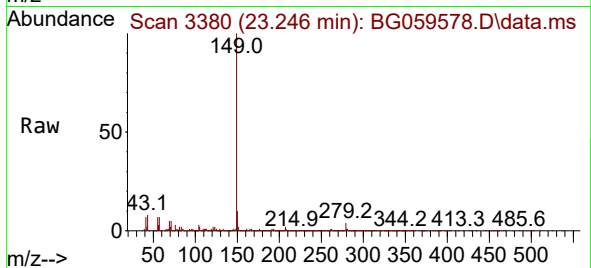
Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

Tgt Ion:149 Resp: 840156



#90

Benzo(b)fluoranthene

Concen: 23.157 ng/ul

RT: 24.521 min Scan# 3597

Delta R.T. -0.004 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

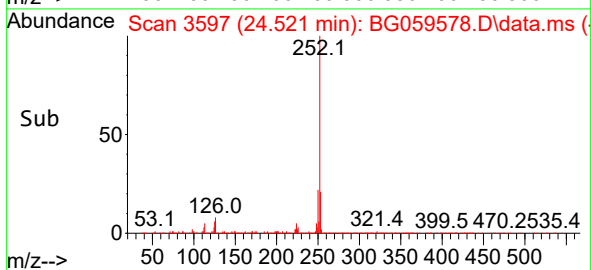
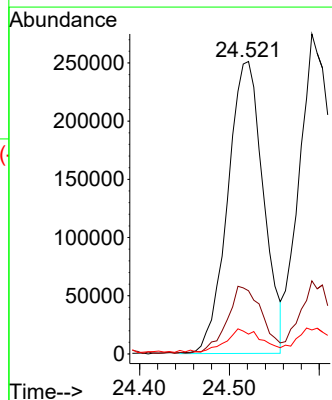
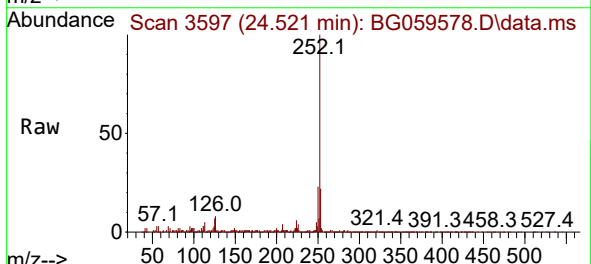
Tgt Ion:252 Resp: 692998

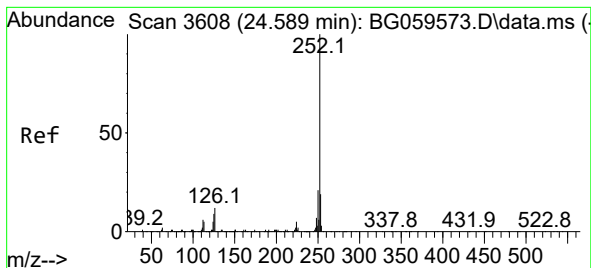
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.8

125 6.8 8.6 13.0#





#91

Benzo(k)fluoranthene

Concen: 23.404 ng/ul

RT: 24.592 min Scan# 3

Delta R.T. -0.009 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

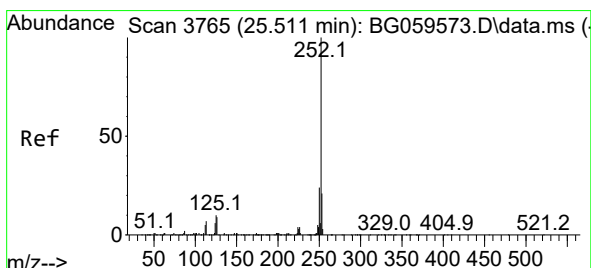
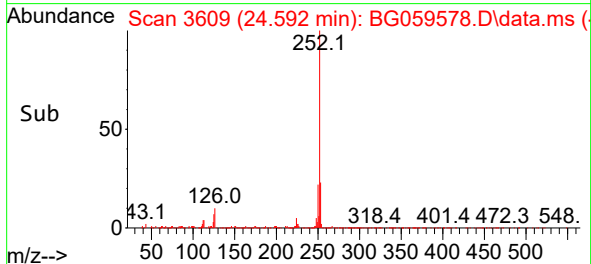
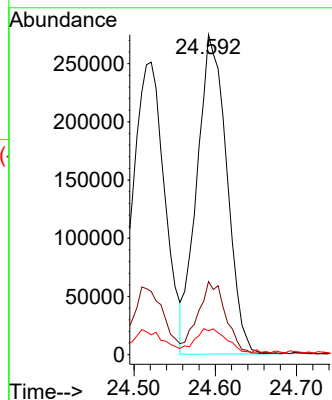
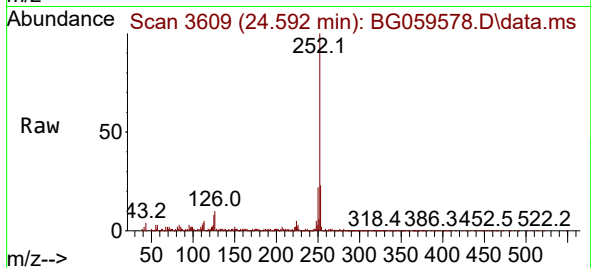
Tgt Ion:252 Resp: 699584

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 7.5 7.9 11.9#



#93

Benzo(a)pyrene

Concen: 22.641 ng/ul

RT: 25.520 min Scan# 3767

Delta R.T. 0.002 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

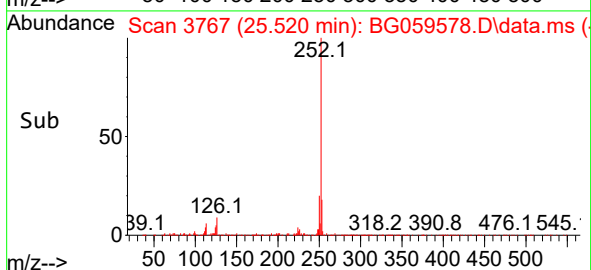
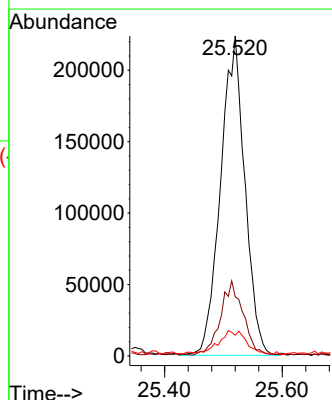
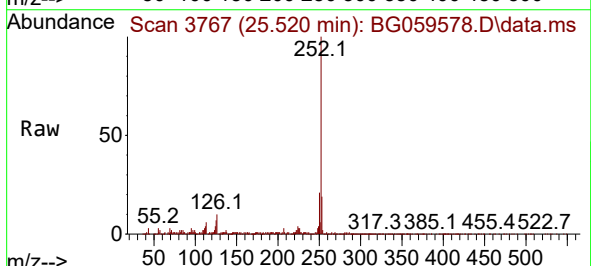
Tgt Ion:252 Resp: 640371

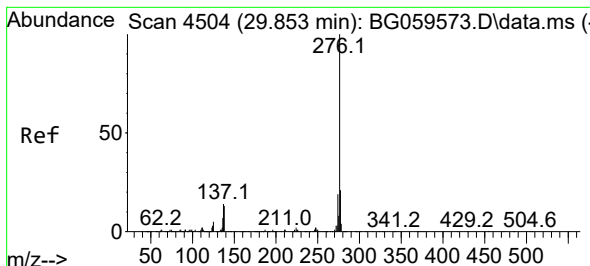
Ion Ratio Lower Upper

252 100

253 18.5 18.5 27.7

125 6.5 7.6 11.4#





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.319 ng/ul

RT: 29.868 min Scan# 4

Delta R.T. -0.021 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

Instrument :

BNA_G

ClientSampleId :

EOAS3MSD

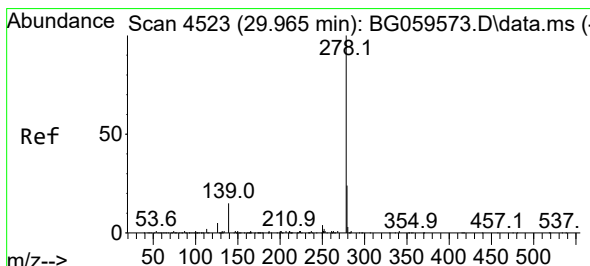
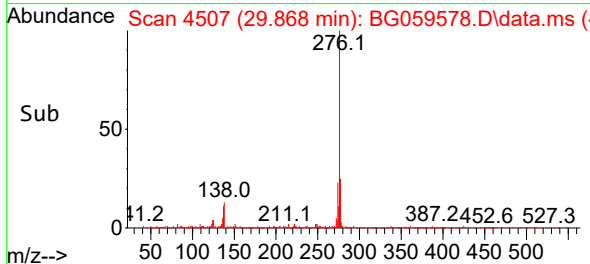
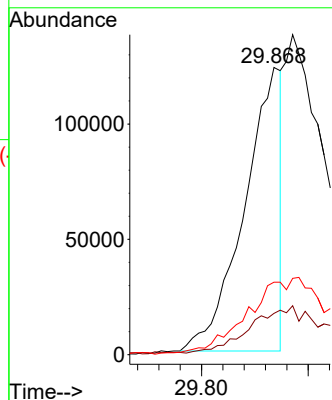
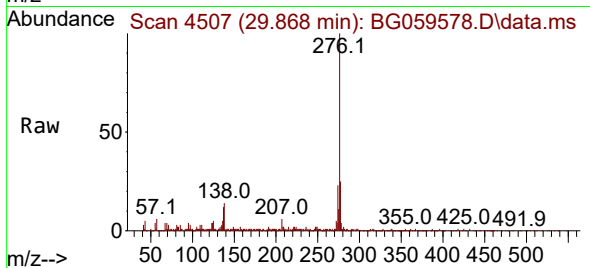
Tgt Ion:276 Resp: 298248

Ion Ratio Lower Upper

276 100

138 14.4 15.3 22.9#

277 25.3 16.4 24.6#



#95

Dibenzo(a,h)anthracene

Concen: 12.054 ng/ul

RT: 29.962 min Scan# 4523

Delta R.T. -0.021 min

Lab File: BG059578.D

Acq: 1 Nov 2023 13:59

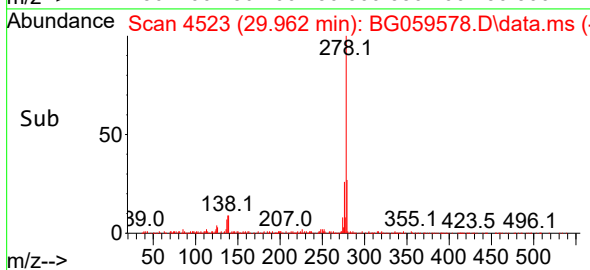
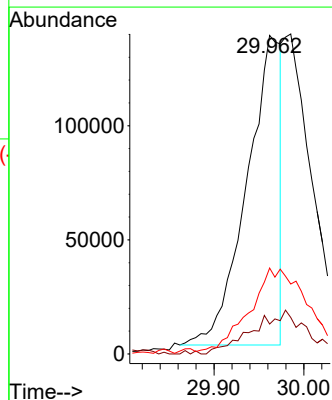
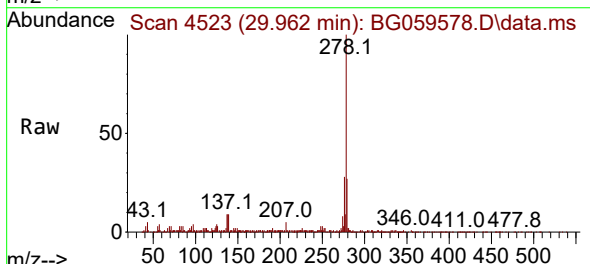
Tgt Ion:278 Resp: 356909

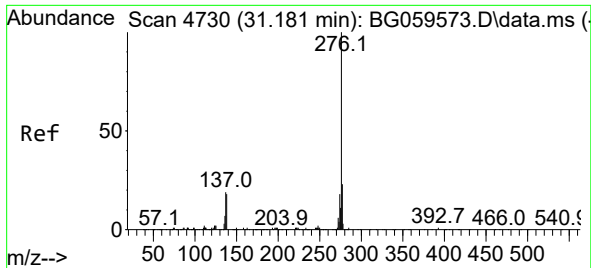
Ion Ratio Lower Upper

278 100

139 9.4 11.0 16.6#

279 27.0 18.3 27.5





#96
 Benzo(g,h,i)perylene
 Concen: 15.524 ng/ul
 RT: 31.213 min Scan# 41
 Delta R.T. -0.004 min
 Lab File: BG059578.D
 Acq: 1 Nov 2023 13:59

Instrument :
 BNA_G
 ClientSampleId :
 EOAS3MSD

Tgt Ion:276 Resp: 455487
 Ion Ratio Lower Upper
 276 100
 138 13.4 16.2 24.2#
 277 27.7 18.2 27.4#

