

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
 Data File : BG059568.D
 Acq On : 31 Oct 2023 19:52
 Operator : MA/JU
 Sample : 04950-21MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A49M0MS

Quant Time: Nov 01 03:20:24 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	8.359	152	76989	20.000	ng/ul	0.00
20) Naphthalene-d8	11.208	136	441801	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.986	164	262839	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.736	188	552447	20.000	ng/ul	0.00
79) Chrysene-d12	22.078	240	436472	20.000	ng/ul	0.00
88) Perylene-d12	25.679	264	462065	20.000	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.652	96	4666	2.268	ng/uL	0.00
4) Pyridine-d5	4.093	84	42308	7.358	ng/ul	0.00
7) Phenol-d5	7.471	99	44485	5.623	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.677	67	99692	27.434	ng/ul	0.00
11) 2-Chlorophenol-d4	7.871	132	134712	20.988	ng/ul	0.00
15) 4-Methylphenol-d8	9.040	113	80501	12.825	ng/ul	0.00
21) Nitrobenzene-d5	9.551	128	88648	28.220	ng/ul	0.00
24) 2-Nitrophenol-d4	10.274	143	98573	30.566	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.803	165	201212	28.319	ng/ul	0.00
31) 4-Chloroaniline-d4	11.343	131	254381	21.749	ng/ul	0.00
46) Dimethylphthalate-d6	14.381	166	760126	31.921	ng/ul	0.00
49) Acenaphthylene-d8	14.692	160	844623	30.224	ng/ul	0.00
54) 4-Nitrophenol-d4	15.151	143	30189	7.393	ng/ul	0.00
60) Fluorene-d10	15.973	176	645247	31.707	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.079	200	120840	46.189	ng/ul	0.00
73) Anthracene-d10	17.836	188	983164	32.849	ng/ul	0.00
81) Pyrene-d10	20.109	212	1027030	33.853	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.427	264	982907	36.124	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.693	88	10562	4.586	ng/uL#	96
5) Pyridine	4.111	79	46277	8.159	ng/ul#	85
6) Benzaldehyde	7.501	77	110981	31.144	ng/ul	89
8) Phenol	7.495	94	49114	6.585	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.771	93	159947	29.243	ng/ul	97
12) 2-Chlorophenol	7.906	128	138683	21.795	ng/ul	98
13) 2-Methylphenol	8.776	108	110796	17.820	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.864	45	90908	17.662	ng/ul#	83
16) Acetophenone	9.205	105	309309	31.262	ng/ul	89
17) N-Nitroso-di-n-propyla...	9.163	70	135607	29.088	ng/ul#	93
18) 4-Methylphenol	9.105	108	99460	15.034	ng/ul	82
19) Hexachloroethane	9.451	117	63302	25.048	ng/ul	90
22) Nitrobenzene	9.598	77	193830	28.587	ng/ul	96
23) Isophorone	10.109	82	404148	23.669	ng/ul#	88
25) 2-Nitrophenol	10.309	139	130175	37.533	ng/ul#	80
26) 2,4-Dimethylphenol	10.333	107	200038	21.928	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.591	93	288745	30.370	ng/ul	99
30) Naphthalene	11.261	128	814206	29.568	ng/ul	98
32) 4-Chloroaniline	11.373	127	258176	23.238	ng/ul	88
33) Hexachlorobutadiene	11.490	225	120853	29.306	ng/ul	99
34) Caprolactam	12.142	113	12936	5.144	ng/ul	92
35) 4-Chloro-3-methylphenol	12.430	107	240849	29.365	ng/ul	87
36) 2-Methylnaphthalene	12.836	142	581997	30.722	ng/ul	92
37) 1-Methylnaphthalene	13.053	142	584249	30.963	ng/ul#	95

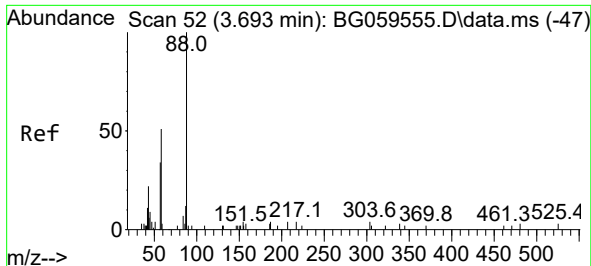
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103123\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.176	216	255237	33.668	ng/ul	99
40) Hexachlorocyclopentadiene	13.129	237	120462	27.259	ng/ul	95
41) 2,4,6-Trichlorophenol	13.411	196	189176	36.038	ng/ul	93
42) 2,4,5-Trichlorophenol	13.482	196	204759	36.029	ng/ul	95
43) 1,1'-Biphenyl	13.823	154	782610	32.914	ng/ul	97
44) 2-Chloronaphthalene	13.876	162	598930	32.409	ng/ul#	94
45) 2-Nitroaniline	14.087	65	173524	50.464	ng/ul	96
47) Dimethylphthalate	14.428	163	823748	35.014	ng/ul#	95
48) 2,6-Dinitrotoluene	14.569	165	165143	46.533	ng/ul#	73
50) Acenaphthylene	14.716	152	1053198	32.710	ng/ul	98
51) 3-Nitroaniline	14.904	138	173238	39.162	ng/ul#	78
52) Acenaphthene	15.051	153	693923	33.062	ng/ul	97
53) 2,4-Dinitrophenol	15.098	184	85958	42.628	ng/ul#	73
55) 4-Nitrophenol	15.162	109	38290	8.508	ng/ul	94
56) Dibenzofuran	15.386	168	949237	34.885	ng/ul	97
57) 2,4-Dinitrotoluene	15.344	165	242618	48.601	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.585	232	177831	39.868	ng/ul#	91
59) Diethylphthalate	15.773	149	935276	36.443	ng/ul	97
61) Fluorene	16.032	166	802200	34.150	ng/ul	94
62) 4-Chlorophenyl-phenyle...	16.014	204	368966	36.753	ng/ul	98
63) 4-Nitroaniline	16.067	138	187778	39.999	ng/ul	85
66) 4,6-Dinitro-2-methylph...	16.091	198	130356	47.277	ng/ul#	67
67) N-Nitrosodiphenylamine	16.232	169	706211	37.412	ng/ul	98
68) 4-Bromophenyl-phenylether	16.913	248	214597	38.819	ng/ul	86
69) Hexachlorobenzene	17.001	284	242202	37.909	ng/ul	96
70) Atrazine	17.166	200	193355	33.056	ng/ul	93
71) Pentachlorophenol	17.354	266	153762	42.127	ng/ul	94
72) Phenanthrene	17.783	178	1320365	36.764	ng/ul	98
74) Anthracene	17.871	178	1288194	35.524	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.782	216	253371	34.440	ng/uL	97
76) Pentachlorobenzene	15.274	250	253985	36.382	ng/uL	98
77) Carbazole	18.147	167	1199877	38.517	ng/ul	96
78) Di-n-butylphthalate	18.658	149	1543623	36.064	ng/ul	99
80) Fluoranthene	19.775	202	1394913	37.719	ng/ul#	97
82) Pyrene	20.139	202	1419173	36.944	ng/ul#	95
83) Butylbenzylphthalate	21.003	149	684247	39.441	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.960	252	281780	24.826	ng/ul	93
85) Benzo(a)anthracene	22.054	228	1304203	36.310	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.896	149	986371	38.104	ng/ul	97
87) Chrysene	22.125	228	1208998	36.184	ng/ul	95
89) Di-n-octyl phthalate	23.247	149	1687687	41.718	ng/ul	100
90) Benzo(b)fluoranthene	24.516	252	1303535	38.919	ng/ul#	96
91) Benzo(k)fluoranthene	24.592	252	1328170	39.699	ng/ul#	97
93) Benzo(a)pyrene	25.509	252	1236540	39.061	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	29.863	276	1317573	32.837	ng/ul#	91
95) Dibenzo(a,h)anthracene	29.968	278	1301489	39.273	ng/ul	97
96) Benzo(g,h,i)perylene	31.208	276	1259676	38.358	ng/ul	96

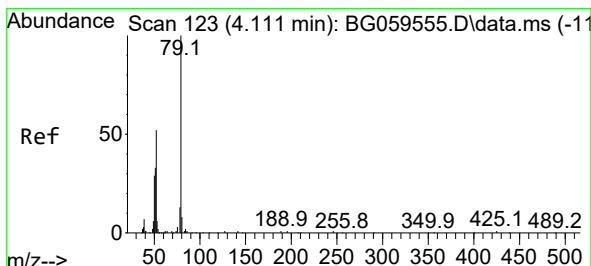
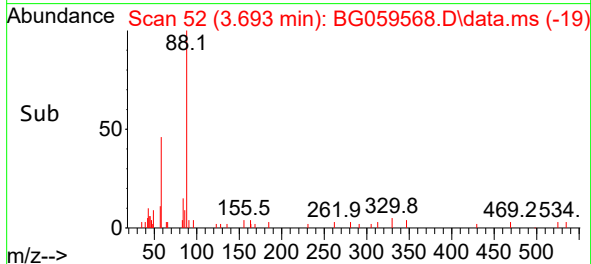
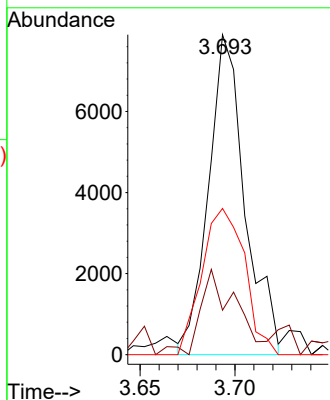
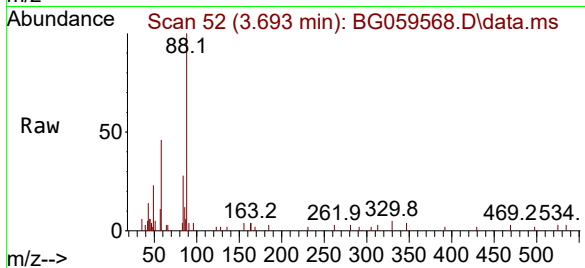
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#2
1,4-Dioxane
Concen: 4.586 ng/uL
RT: 3.693 min Scan# 51
Delta R.T. -0.009 min
Lab File: BG059568.D
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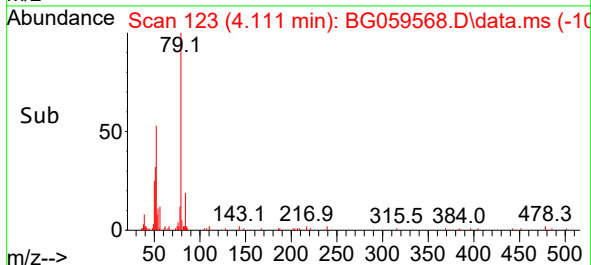
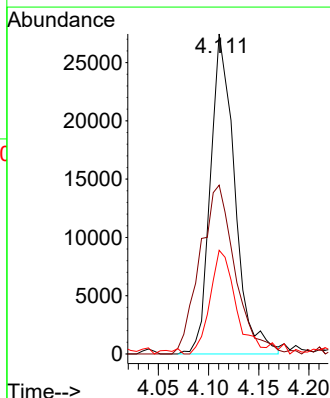
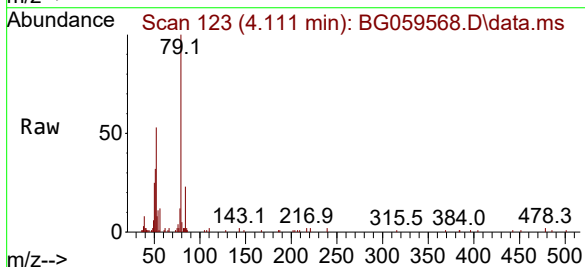
Instrument :
BNA_G
ClientSampleId :
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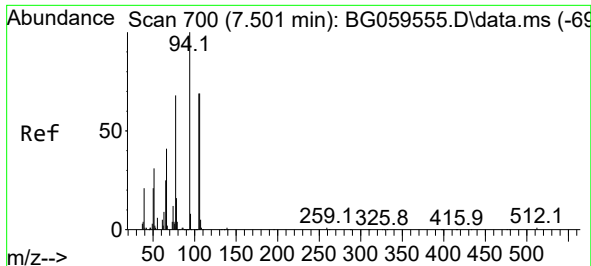
Tgt Ion: 88 Resp: 10562
Ion Ratio Lower Upper
88 100
43 13.9 15.7 23.5#
58 45.7 36.2 54.2



#5
Pyridine
Concen: 8.159 ng/uL
RT: 4.111 min Scan# 123
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion: 79 Resp: 46277
Ion Ratio Lower Upper
79 100
52 52.8 53.3 79.9#
51 32.4 22.4 33.6

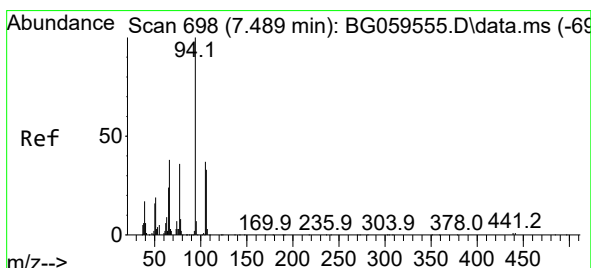
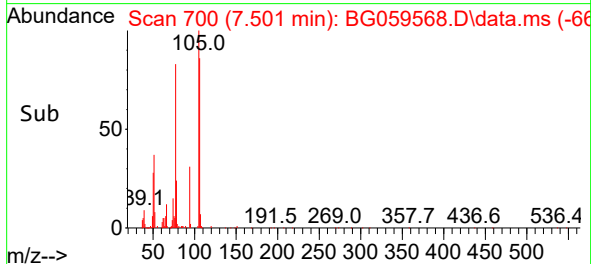
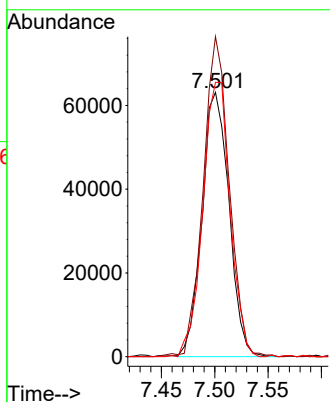
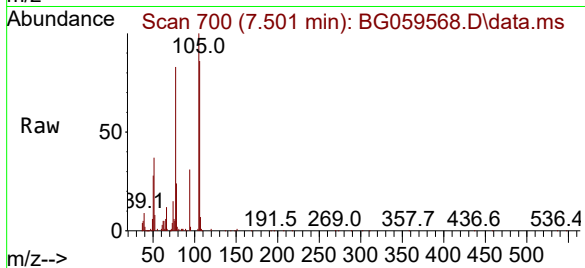




#6
Benzaldehyde
Concen: 31.144 ng/ul
RT: 7.501 min Scan# 700
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

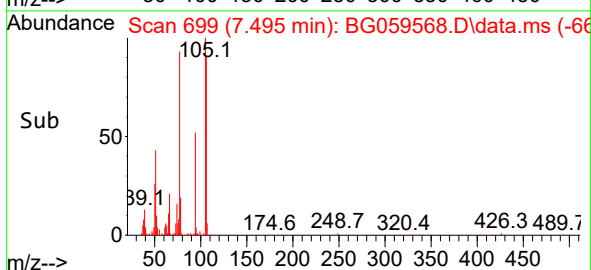
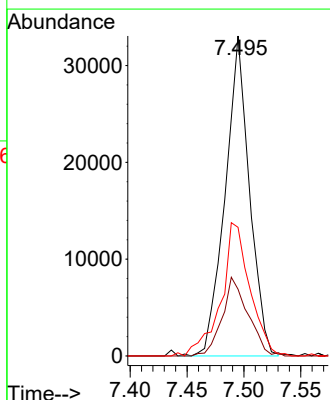
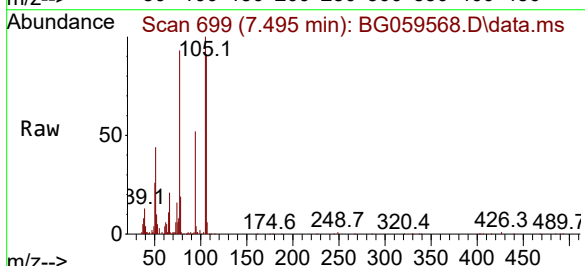
Instrument :
BNA_G
ClientSampleId :
A49M0MS

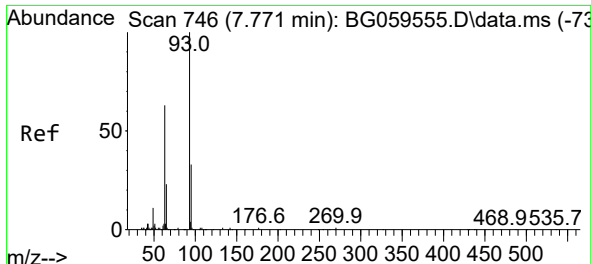
Tgt Ion: 77 Resp: 110981
Ion Ratio Lower Upper
77 100
105 121.1 83.6 125.4
106 103.8 78.6 118.0



#8
Phenol
Concen: 6.585 ng/ul
RT: 7.495 min Scan# 699
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion: 94 Resp: 49114
Ion Ratio Lower Upper
94 100
65 20.8 22.5 33.7#
66 40.2 31.1 46.7

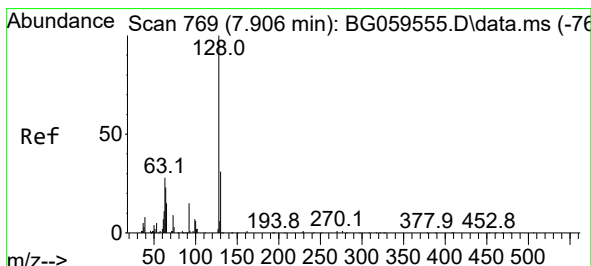
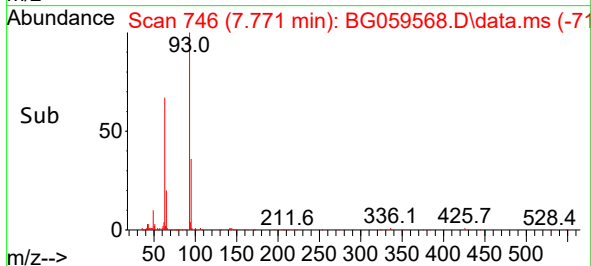
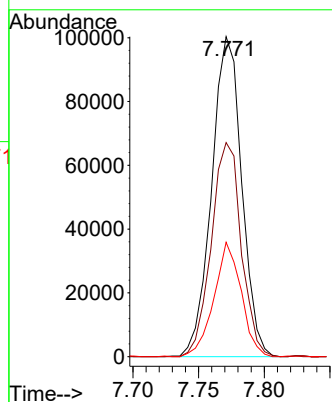
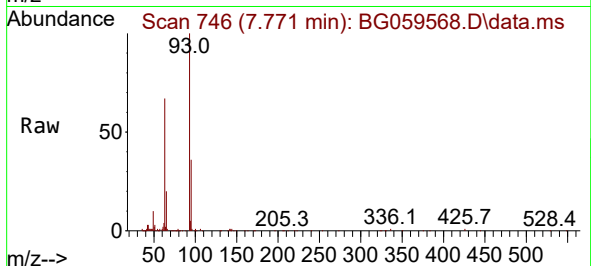




#10
Bis(2-Chloroethyl)ether
Concen: 29.243 ng/ul
RT: 7.771 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

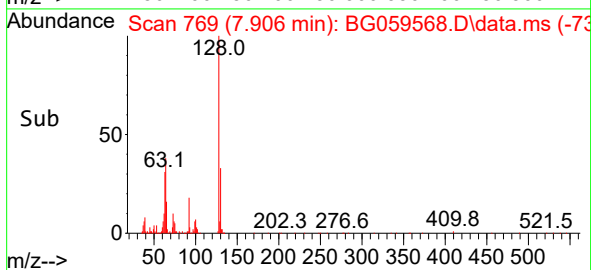
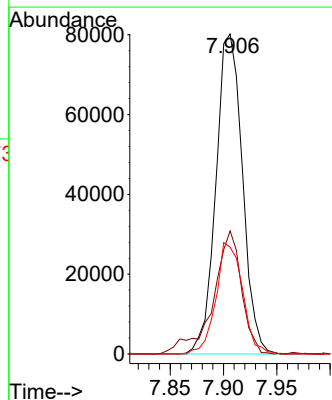
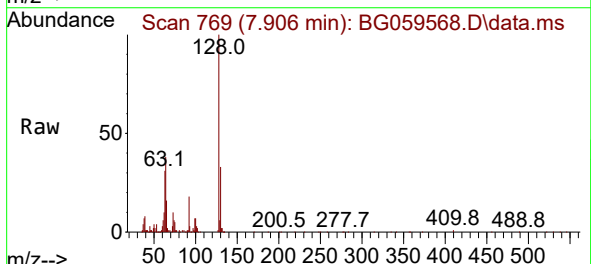
Instrument :
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ClientSampleId :
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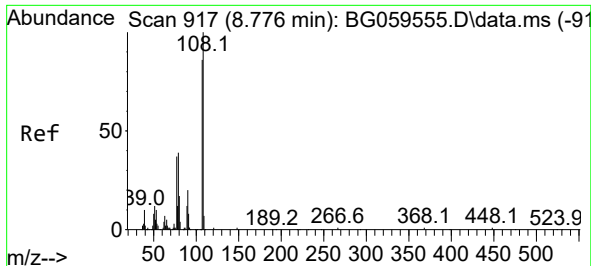
Tgt Ion: 93 Resp: 159947
Ion Ratio Lower Upper
93 100
63 66.9 52.5 78.7
95 35.7 26.5 39.7



#12
2-Chlorophenol
Concen: 21.795 ng/ul
RT: 7.906 min Scan# 769
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:128 Resp: 138683
Ion Ratio Lower Upper
128 100
64 38.4 30.2 45.2
130 33.4 27.9 41.9





#13

2-Methylphenol

Concen: 17.820 ng/ul

RT: 8.776 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

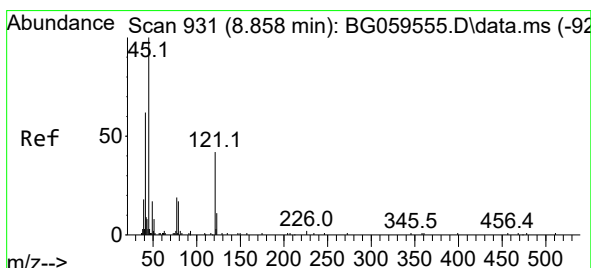
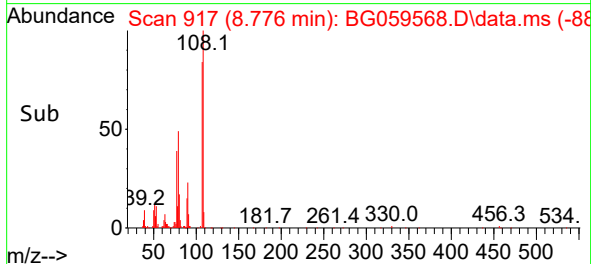
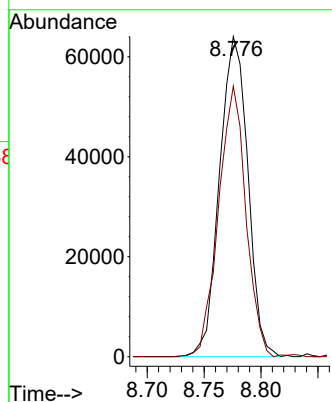
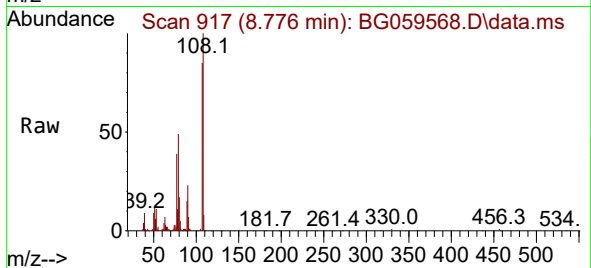
A49M0MS

Tgt Ion:108 Resp: 110796

Ion Ratio Lower Upper

108 100

107 84.5 68.6 102.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 17.662 ng/ul

RT: 8.864 min Scan# 932

Delta R.T. -0.014 min

Lab File: BG059568.D

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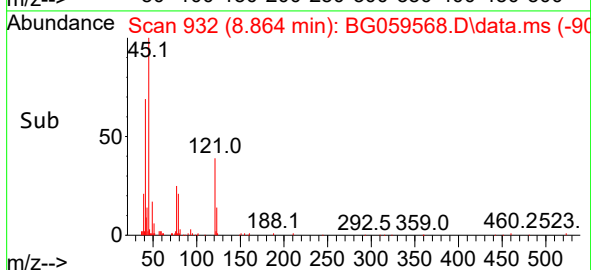
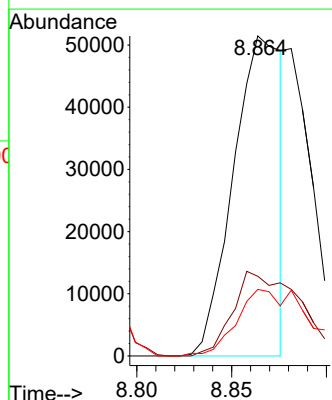
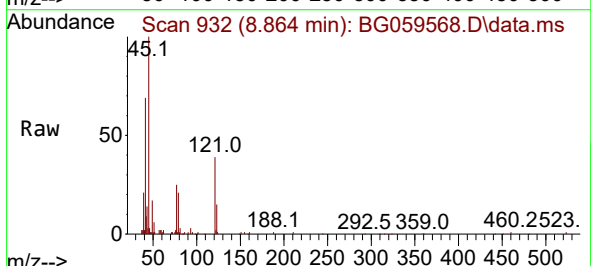
Tgt Ion: 45 Resp: 90908

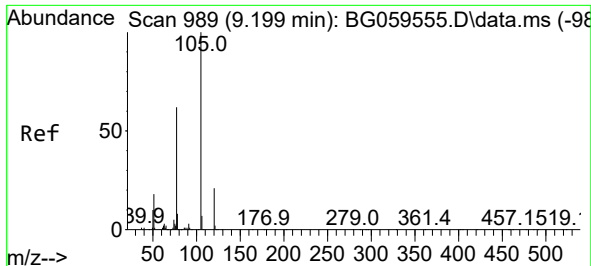
Ion Ratio Lower Upper

45 100

77 24.9 15.0 22.6#

79 20.8 10.0 15.0#

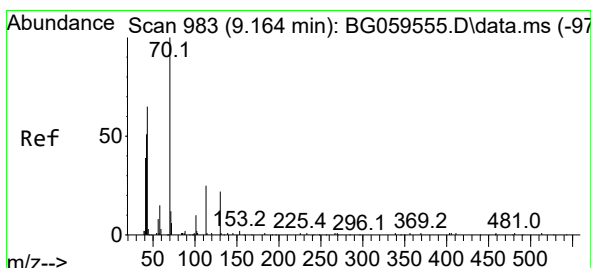
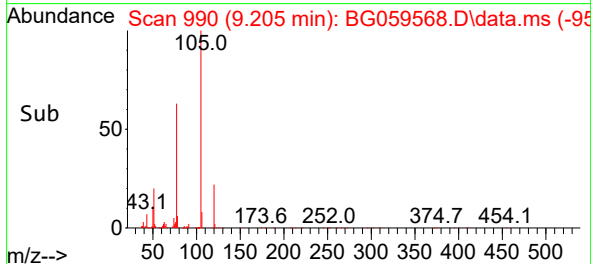
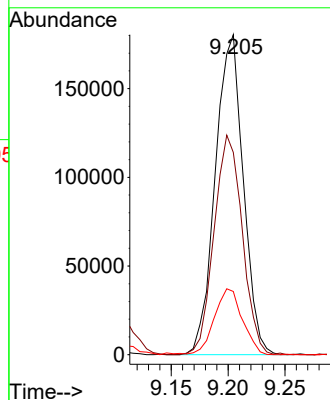
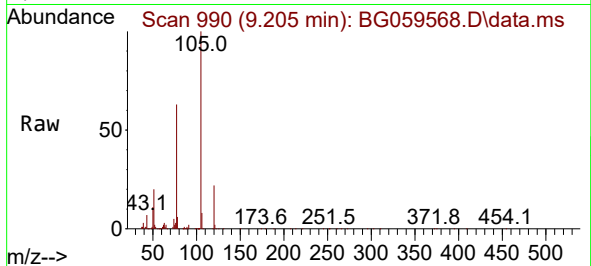




#16
Acetophenone
Concen: 31.262 ng/ul
RT: 9.205 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

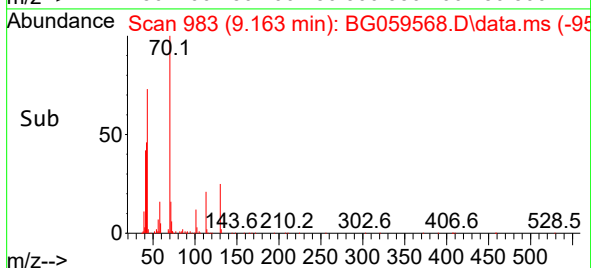
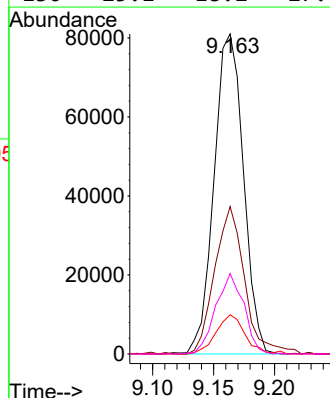
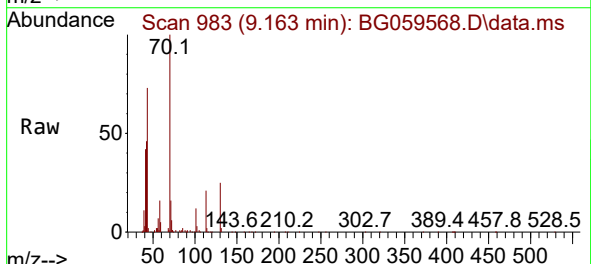
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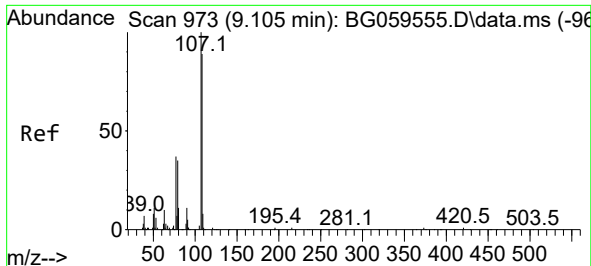
Tgt Ion:105 Resp: 309309
Ion Ratio Lower Upper
105 100
77 63.2 59.6 89.4
51 19.8 16.2 24.4



#17
N-Nitroso-di-n-propylamine
Concen: 29.088 ng/ul
RT: 9.163 min Scan# 983
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion: 70 Resp: 135607
Ion Ratio Lower Upper
70 100
42 46.0 33.8 50.8
101 12.3 5.4 8.0#
130 25.1 18.2 27.4

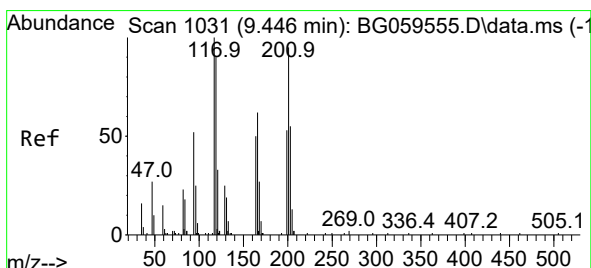
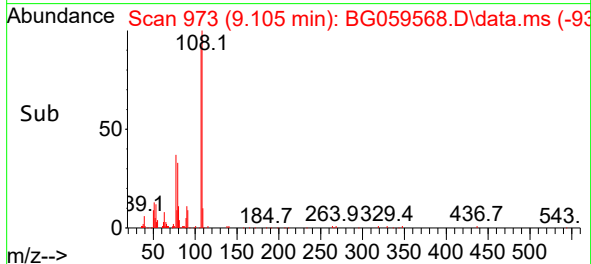
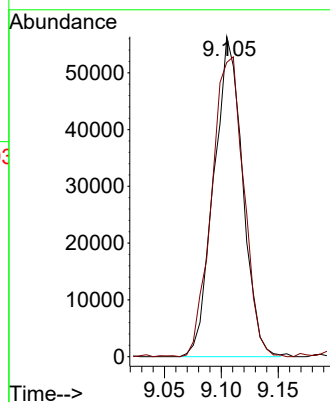
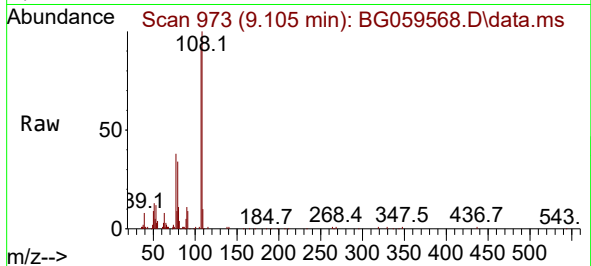




#18
4-Methylphenol
Concen: 15.034 ng/ul
RT: 9.105 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

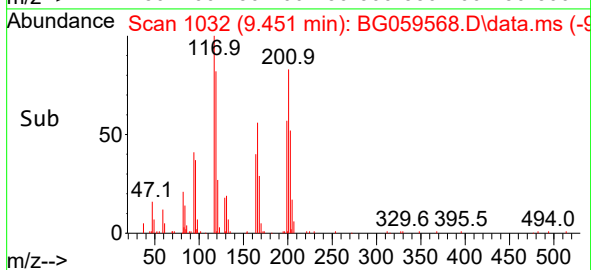
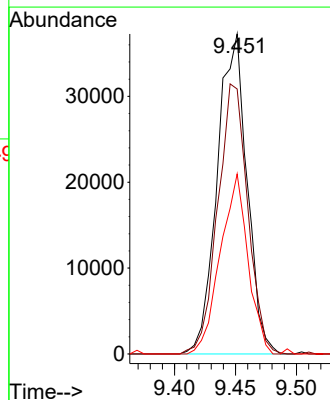
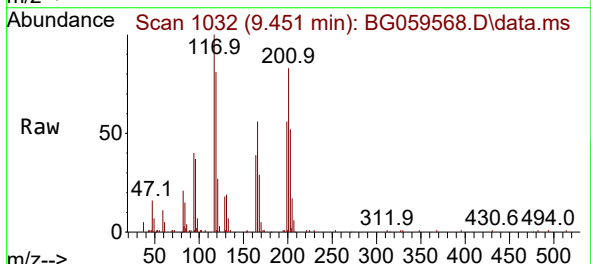
Instrument :
BNA_G
ClientSampleId :
A49M0MS

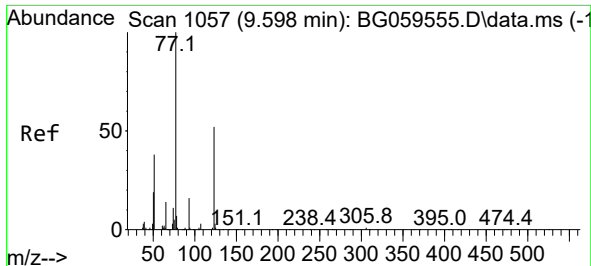
Tgt Ion:108 Resp: 99460
Ion Ratio Lower Upper
108 100
107 91.9 88.9 133.3



#19
Hexachloroethane
Concen: 25.048 ng/ul
RT: 9.451 min Scan# 1032
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:117 Resp: 63302
Ion Ratio Lower Upper
117 100
201 82.8 75.8 113.6
199 57.4 42.3 63.5

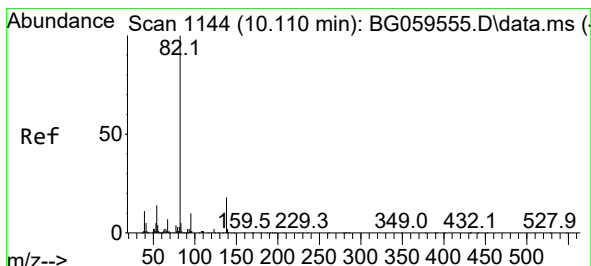
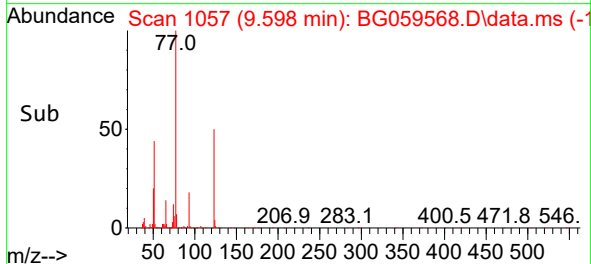
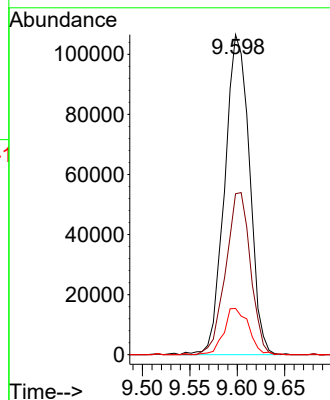
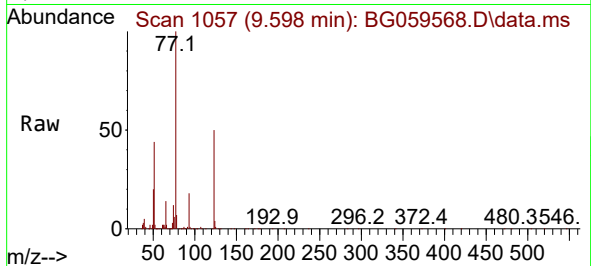




#22
Nitrobenzene
Concen: 28.587 ng/ul
RT: 9.598 min Scan# 1057
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

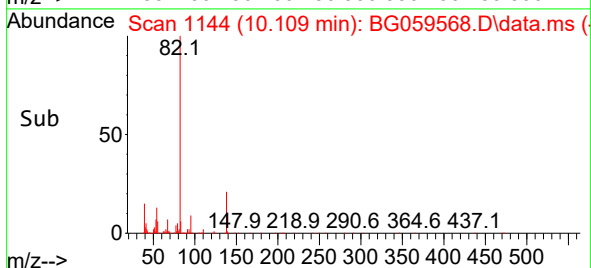
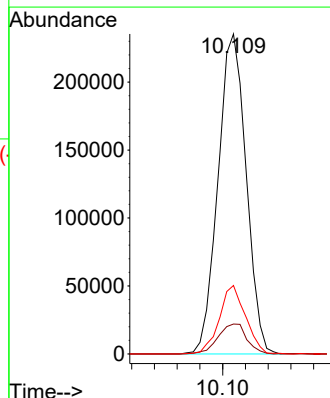
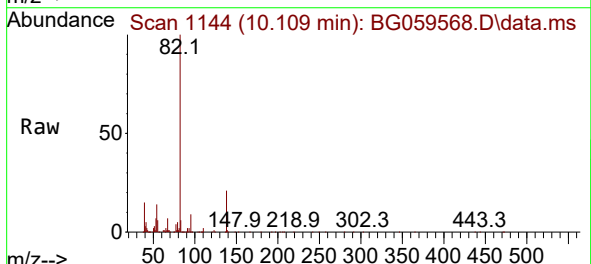
Instrument :
BNA_G
ClientSampleId :
A49M0MS

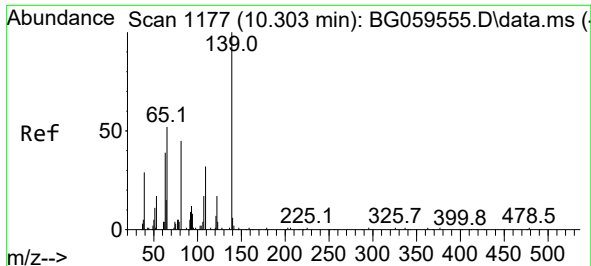
Tgt Ion: 77 Resp: 193830
Ion Ratio Lower Upper
77 100
123 50.3 42.6 63.8
65 14.4 11.0 16.4



#23
Isophorone
Concen: 23.669 ng/ul
RT: 10.109 min Scan# 1144
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion: 82 Resp: 404148
Ion Ratio Lower Upper
82 100
95 9.4 5.6 8.4#
138 21.4 12.3 18.5#

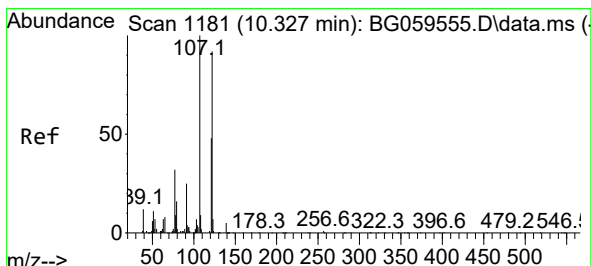
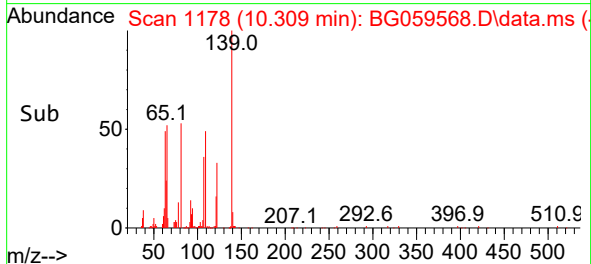
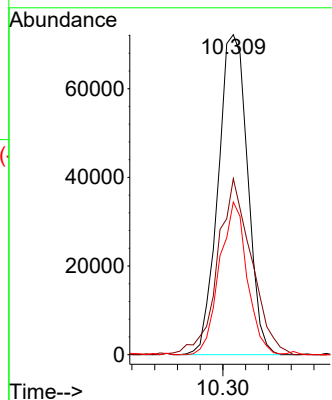
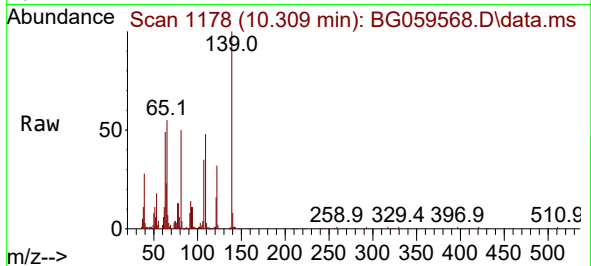




#25
2-Nitrophenol
Concen: 37.533 ng/ul
RT: 10.309 min Scan# 1177
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

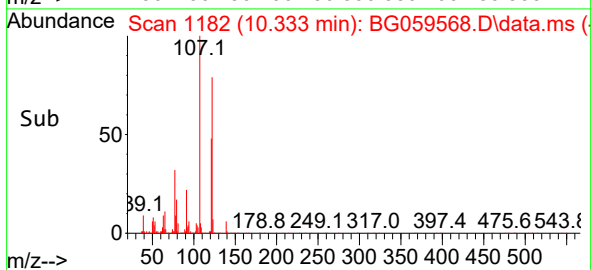
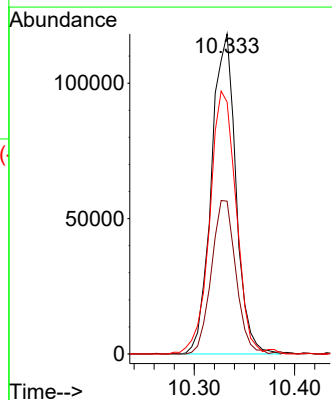
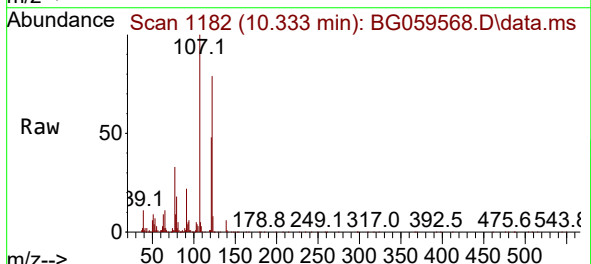
Instrument :
BNA_G
ClientSampleId :
A49M0MS

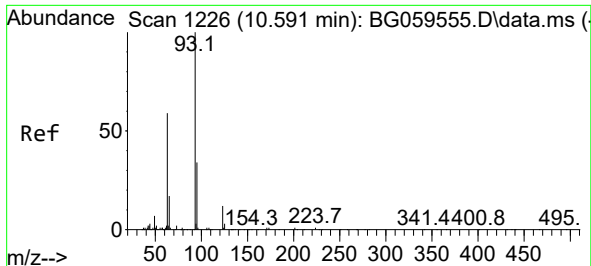
Tgt Ion:139 Resp: 130175
Ion Ratio Lower Upper
139 100
65 55.0 39.7 59.5
109 47.7 21.0 31.6#



#26
2,4-Dimethylphenol
Concen: 21.928 ng/ul
RT: 10.333 min Scan# 1182
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:107 Resp: 200038
Ion Ratio Lower Upper
107 100
121 47.7 42.7 64.1
122 78.7 72.6 108.8





#27

Bis(2-Chloroethoxy)methane

Concen: 30.370 ng/ul

RT: 10.591 min Scan# 1226

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

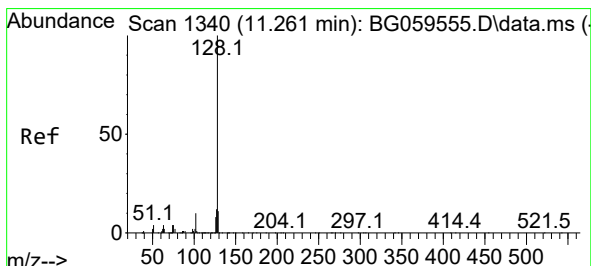
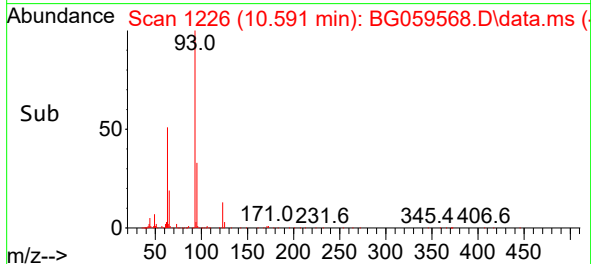
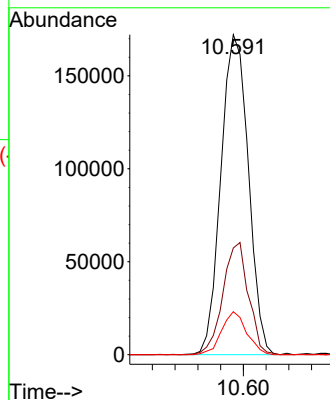
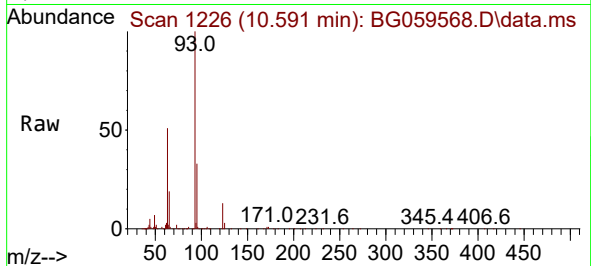
Tgt Ion: 93 Resp: 288745

Ion Ratio Lower Upper

93 100

95 33.4 27.1 40.7

123 13.4 10.3 15.5



#30

Naphthalene

Concen: 29.568 ng/ul

RT: 11.261 min Scan# 1340

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

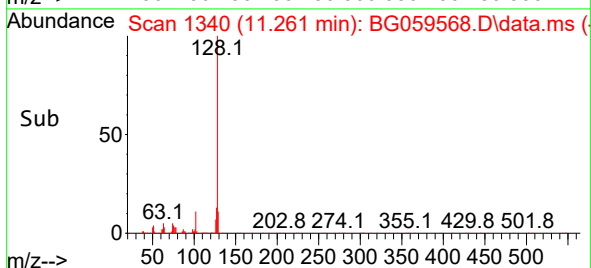
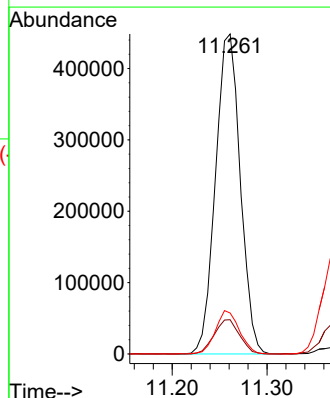
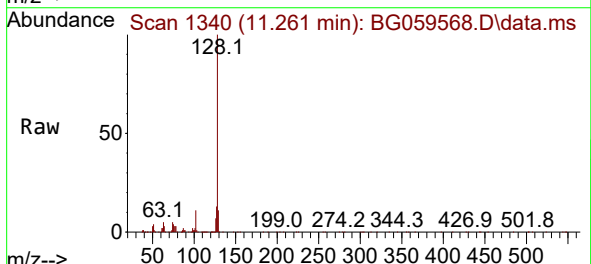
Tgt Ion:128 Resp: 814206

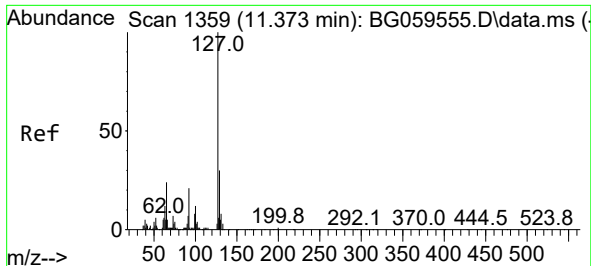
Ion Ratio Lower Upper

128 100

129 10.7 7.4 11.0

127 12.8 10.5 15.7

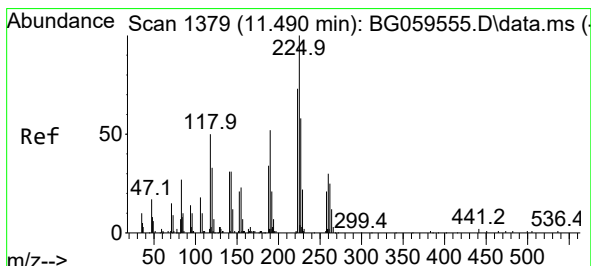
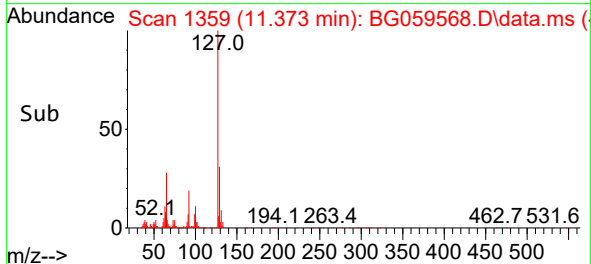
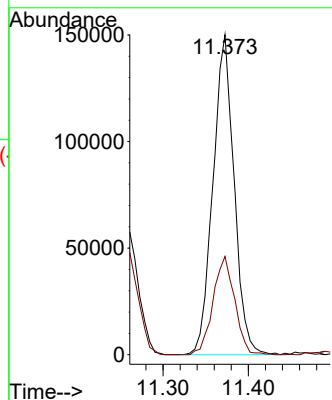
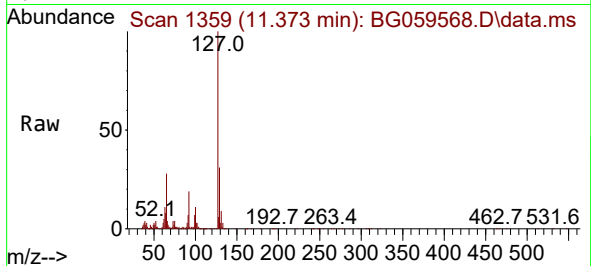




#32
4-Chloroaniline
Concen: 23.238 ng/ul
RT: 11.373 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

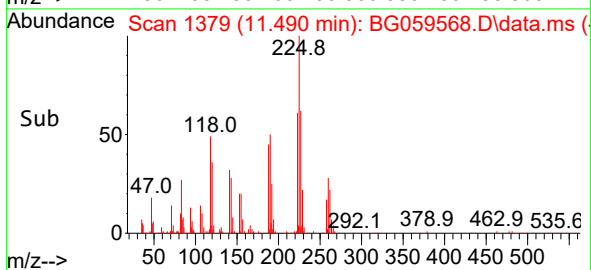
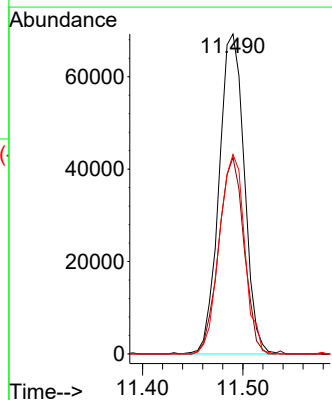
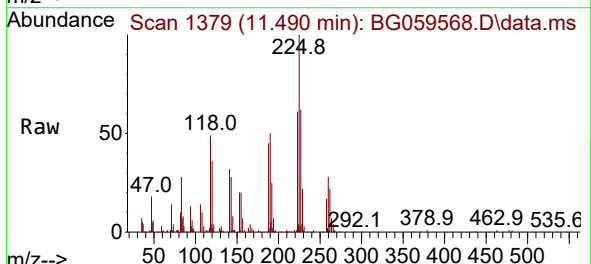
Instrument :
BNA_G
ClientSampleId :
A49M0MS

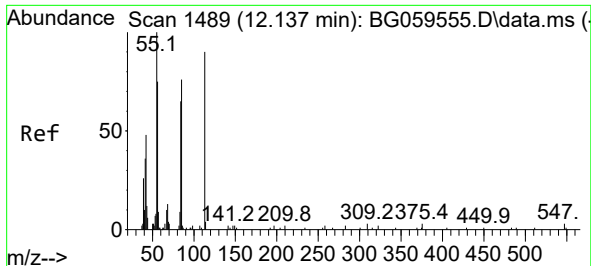
Tgt Ion:127 Resp: 258176
Ion Ratio Lower Upper
127 100
129 30.7 30.4 45.6



#33
Hexachlorobutadiene
Concen: 29.306 ng/ul
RT: 11.490 min Scan# 1379
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:225 Resp: 120853
Ion Ratio Lower Upper
225 100
223 61.4 50.8 76.2
227 62.4 49.8 74.8

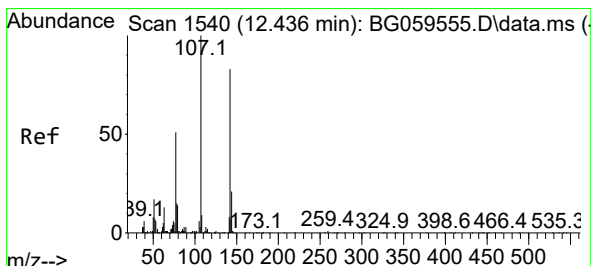
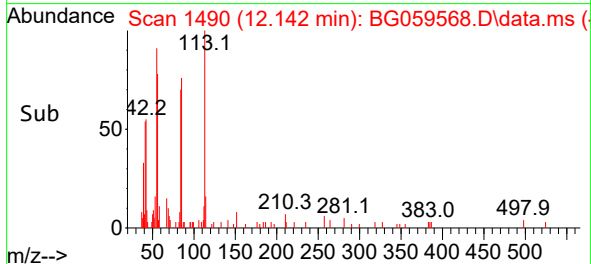
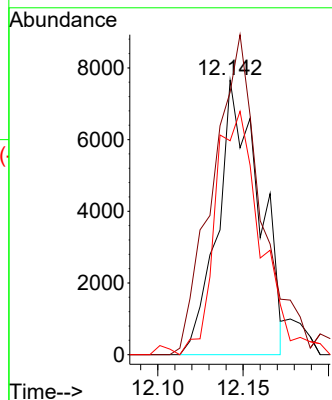
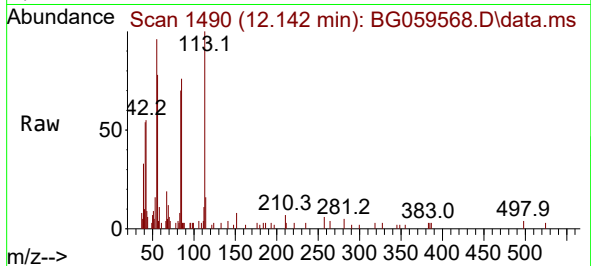




#34
Caprolactam
Concen: 5.144 ng/ul
RT: 12.142 min Scan# 1489
Delta R.T. -0.014 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

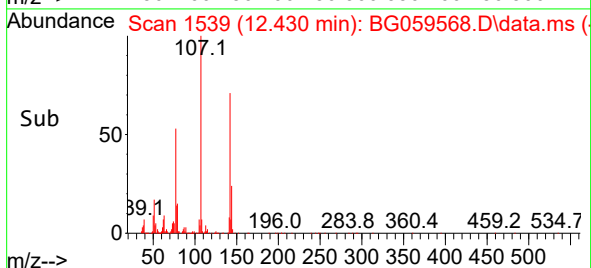
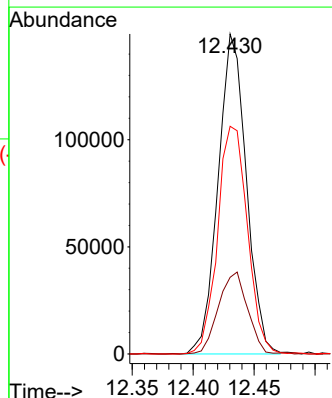
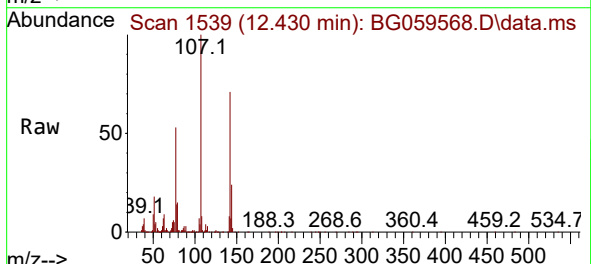
Instrument :
BNA_G
ClientSampleId :
A49M0MS

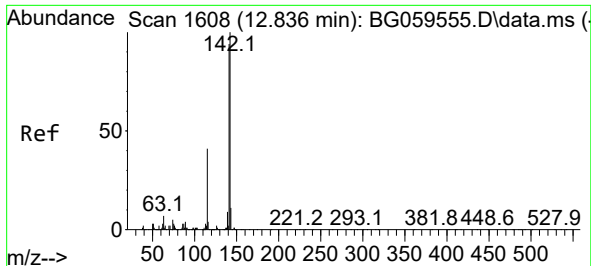
Tgt Ion:113 Resp: 12936
Ion Ratio Lower Upper
113 100
55 95.6 86.9 130.3
56 77.9 64.4 96.6



#35
4-Chloro-3-methylphenol
Concen: 29.365 ng/ul
RT: 12.430 min Scan# 1539
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:107 Resp: 240849
Ion Ratio Lower Upper
107 100
144 24.0 21.0 31.6
142 71.1 68.2 102.4

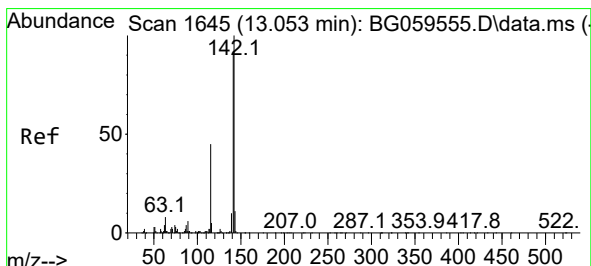
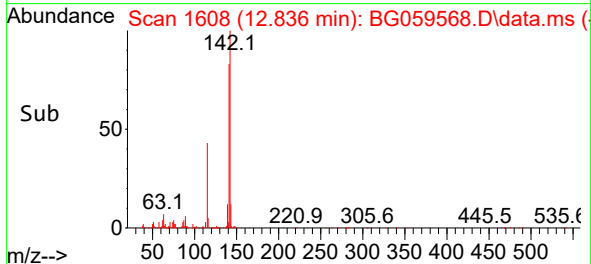
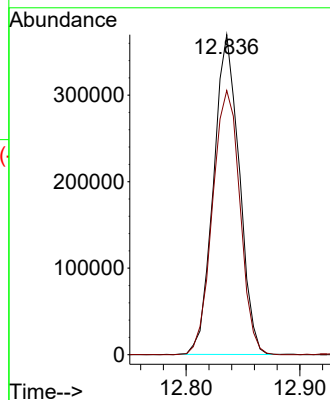
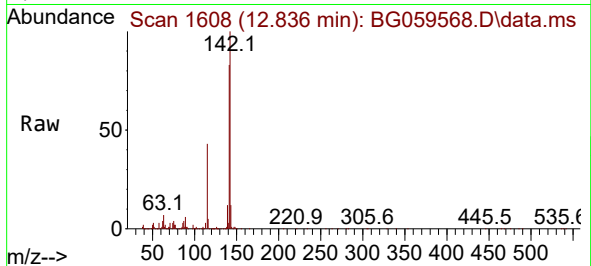




#36
2-Methylnaphthalene
Concen: 30.722 ng/ul
RT: 12.836 min Scan# 1608
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

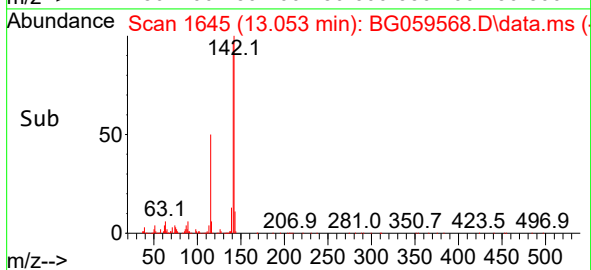
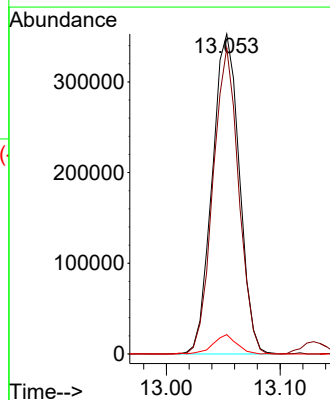
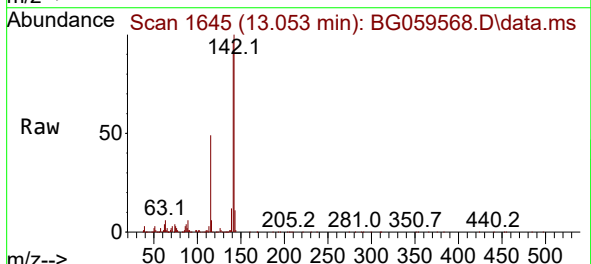
Instrument :
BNA_G
ClientSampleId :
A49M0MS

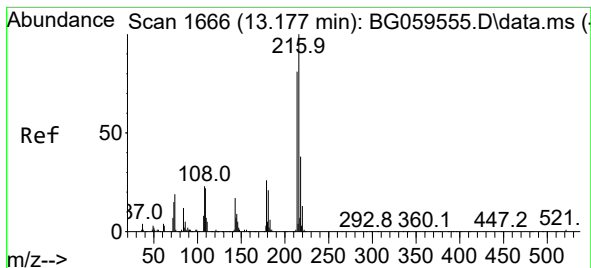
Tgt Ion:142 Resp: 581997
Ion Ratio Lower Upper
142 100
141 82.5 71.7 107.5



#37
1-Methylnaphthalene
Concen: 30.963 ng/ul
RT: 13.053 min Scan# 1645
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:142 Resp: 584249
Ion Ratio Lower Upper
142 100
141 95.7 73.1 109.7
116 6.0 3.3 4.9#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.668 ng/ul

RT: 13.176 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

Tgt Ion:216 Resp: 255237

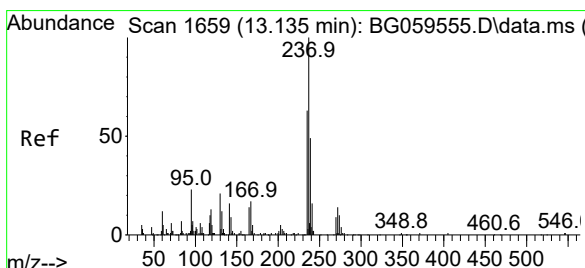
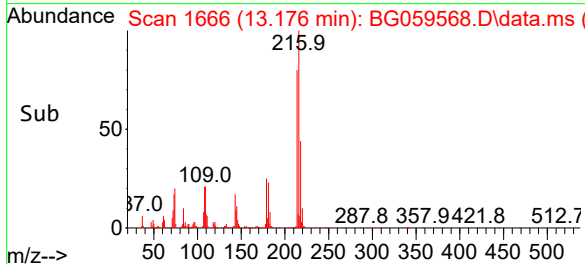
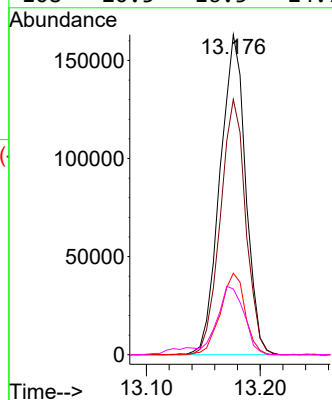
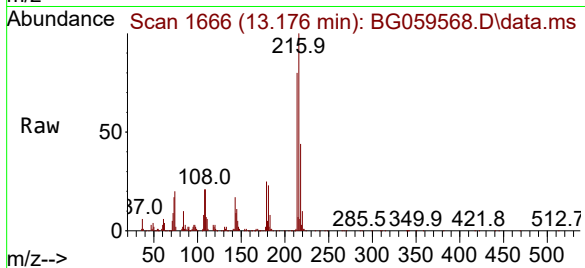
Ion Ratio Lower Upper

216 100

214 79.8 63.7 95.5

179 25.4 19.2 28.8

108 20.5 16.5 24.7



#40

Hexachlorocyclopentadiene

Concen: 27.259 ng/ul

RT: 13.129 min Scan# 1658

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

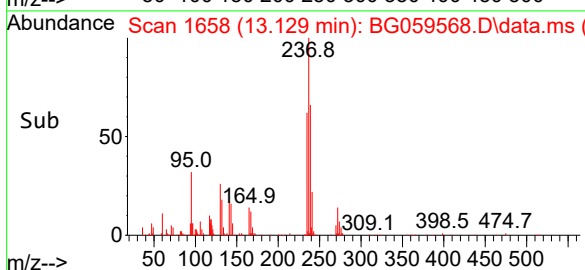
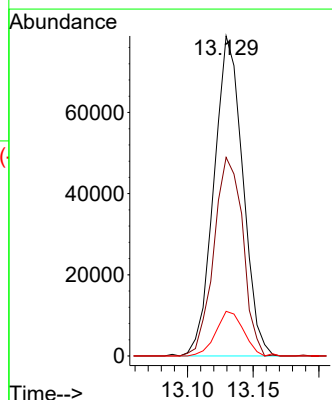
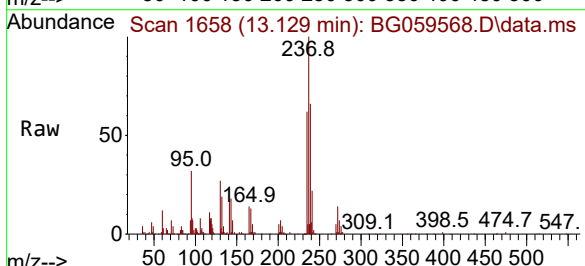
Tgt Ion:237 Resp: 120462

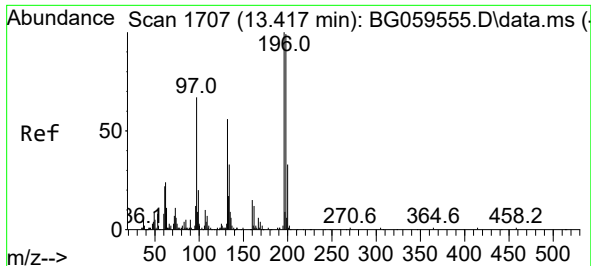
Ion Ratio Lower Upper

237 100

235 62.1 46.6 69.8

272 14.7 13.0 19.4

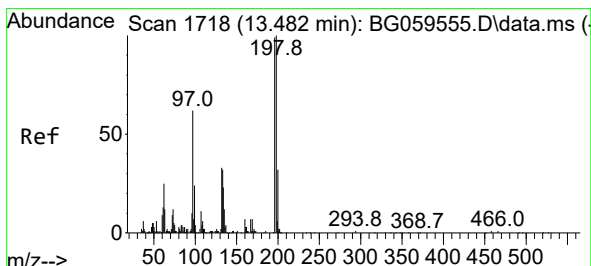
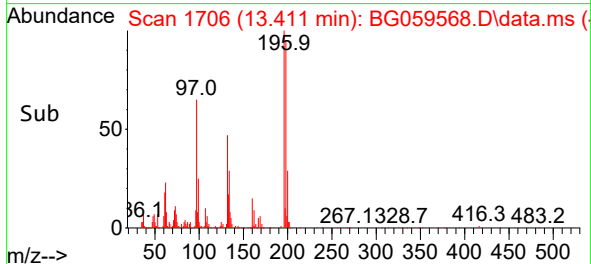
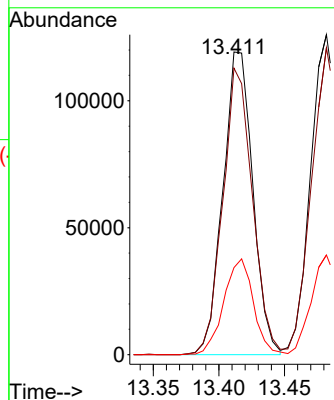
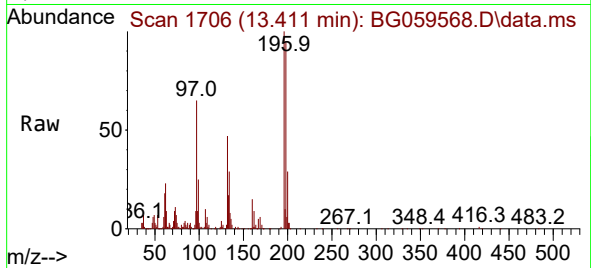




#41
2,4,6-Trichlorophenol
Concen: 36.038 ng/ul
RT: 13.411 min Scan# 1706
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

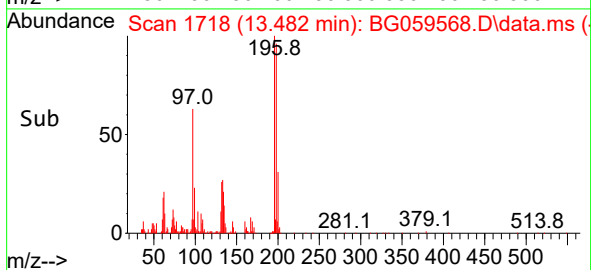
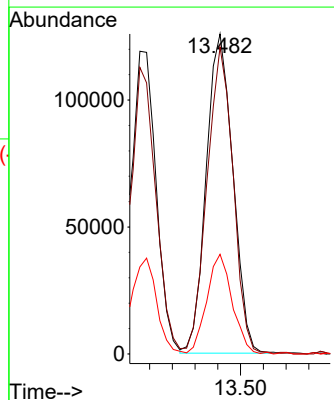
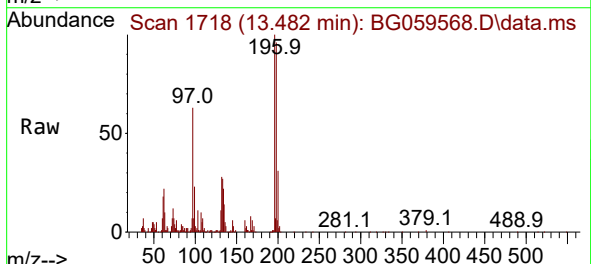
Instrument :
BNA_G
ClientSampleId :
A49M0MS

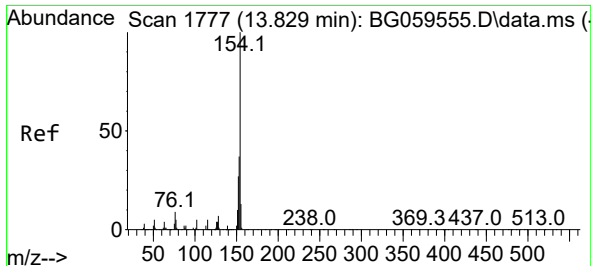
Tgt Ion:196 Resp: 189176
Ion Ratio Lower Upper
196 100
198 94.7 69.6 104.4
200 28.8 23.8 35.8



#42
2,4,5-Trichlorophenol
Concen: 36.029 ng/ul
RT: 13.482 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:196 Resp: 204759
Ion Ratio Lower Upper
196 100
198 95.9 79.8 119.6
200 31.1 28.0 42.0

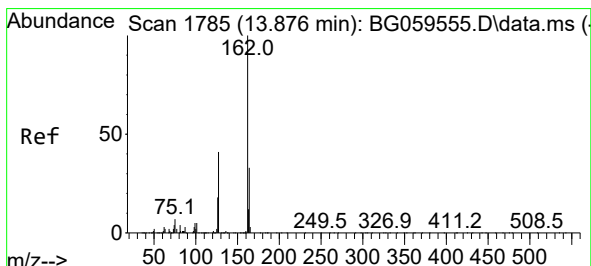
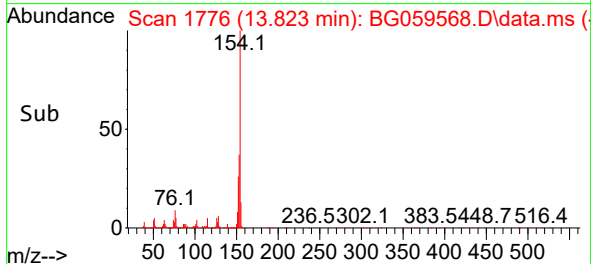
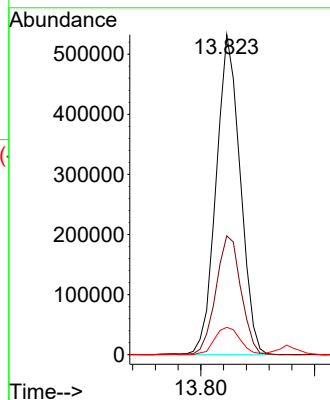
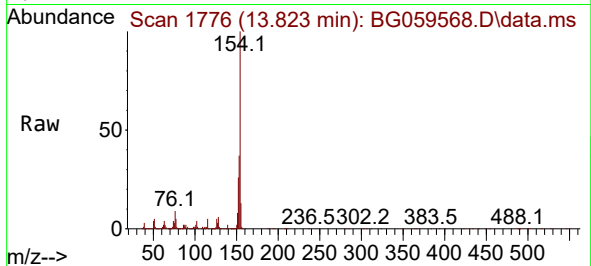




#43
1,1'-Biphenyl
Concen: 32.914 ng/ul
RT: 13.823 min Scan# 1776
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

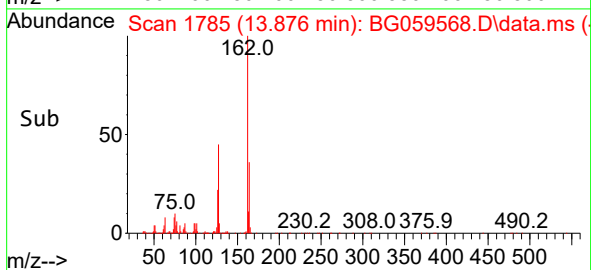
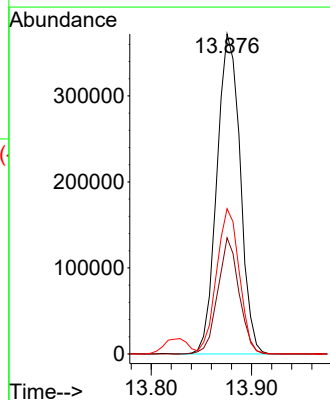
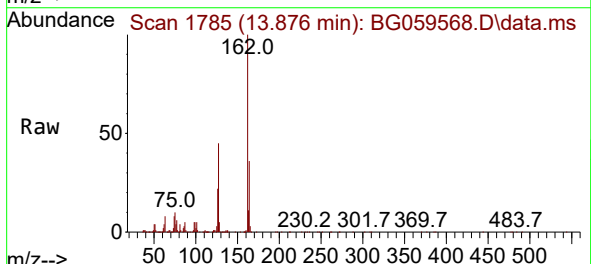
Instrument :
BNA_G
ClientSampleId :
A49M0MS

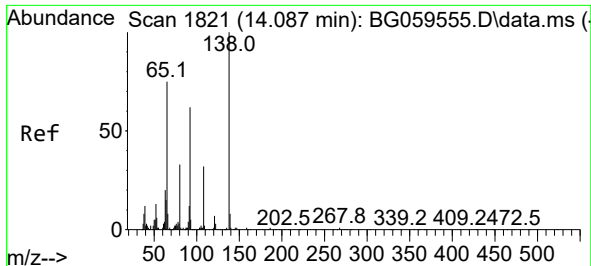
Tgt Ion:154 Resp: 782610
Ion Ratio Lower Upper
154 100
153 37.1 30.7 46.1
76 8.6 8.2 12.4



#44
2-Chloronaphthalene
Concen: 32.409 ng/ul
RT: 13.876 min Scan# 1785
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:162 Resp: 598930
Ion Ratio Lower Upper
162 100
164 36.3 23.9 35.9#
127 45.4 35.3 52.9

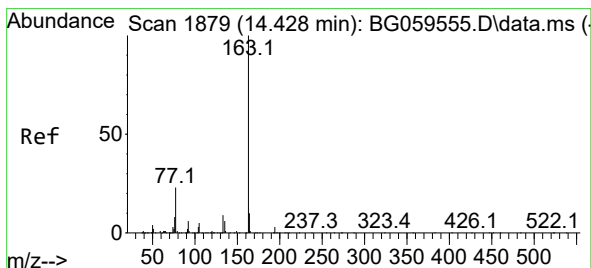
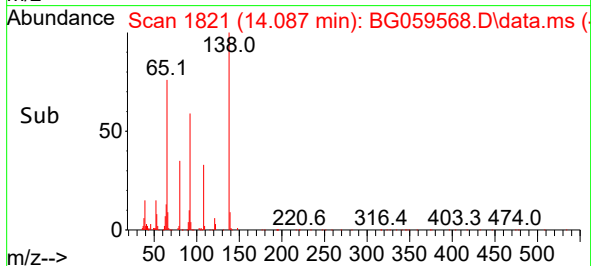
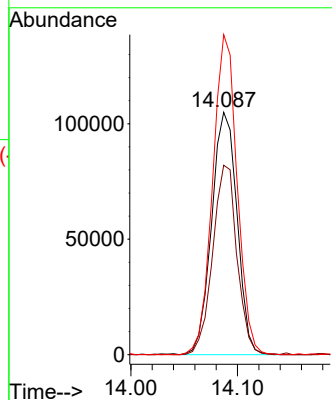
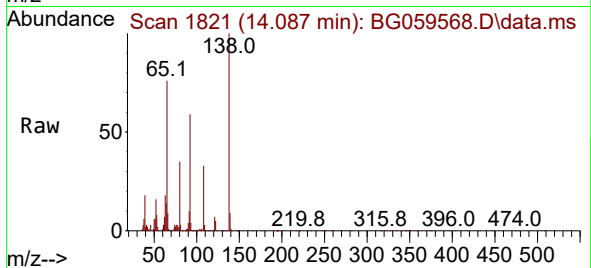




#45
2-Nitroaniline
Concen: 50.464 ng/ul
RT: 14.087 min Scan# 1821
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

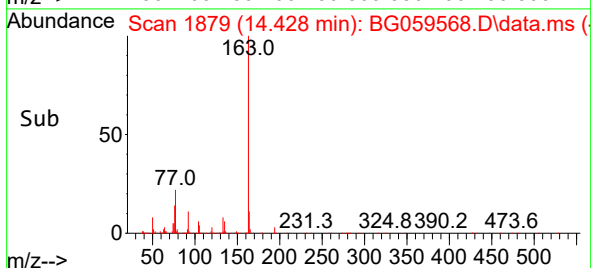
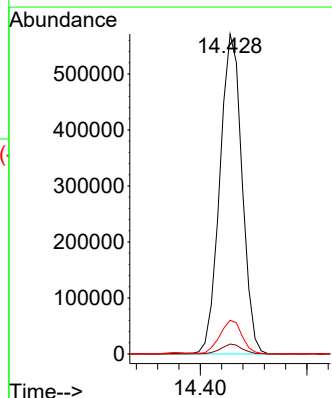
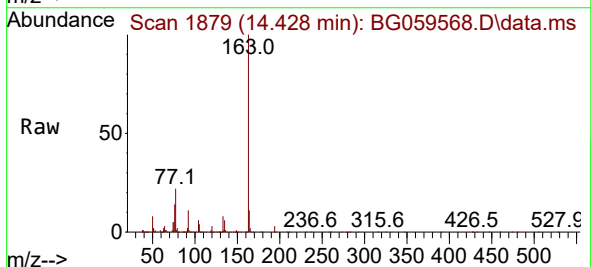
Instrument :
BNA_G
ClientSampleId :
A49M0MS

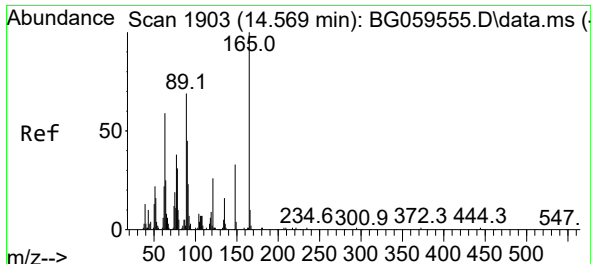
Tgt Ion: 65 Resp: 173524
Ion Ratio Lower Upper
65 100
92 78.2 59.6 89.4
138 132.0 109.0 163.6



#47
Dimethylphthalate
Concen: 35.014 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:163 Resp: 823748
Ion Ratio Lower Upper
163 100
194 3.1 2.6 3.8
164 10.6 6.6 10.0#

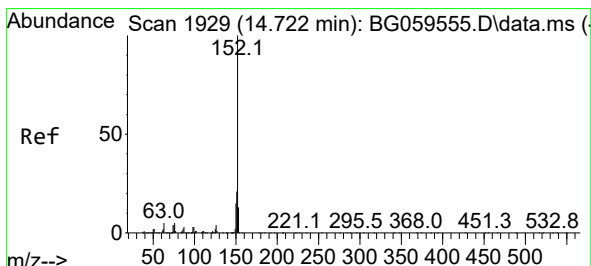
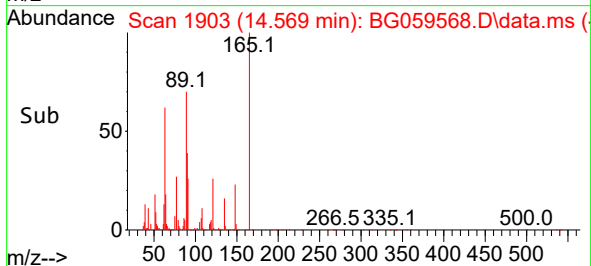
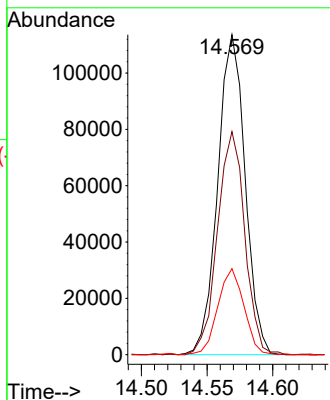
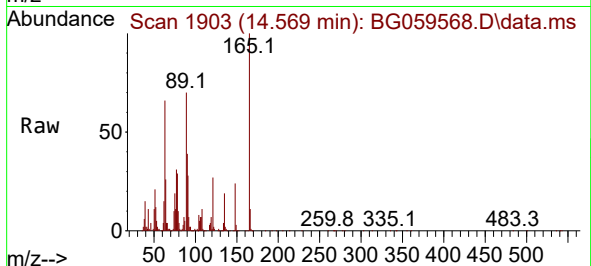




#48
2,6-Dinitrotoluene
Concen: 46.533 ng/ul
RT: 14.569 min Scan# 1903
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

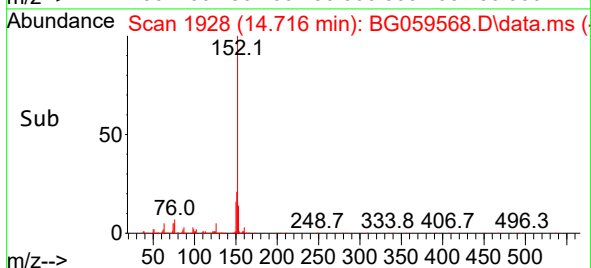
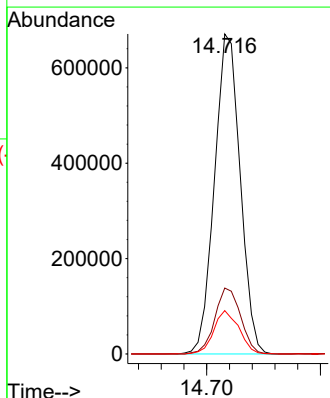
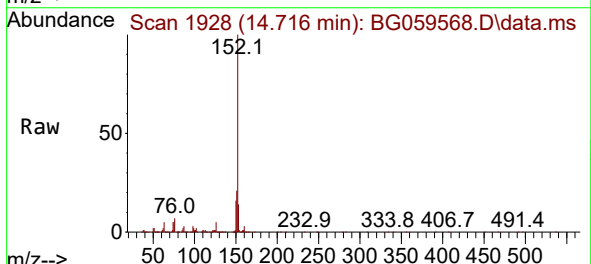
Instrument :
BNA_G
ClientSampleId :
A49M0MS

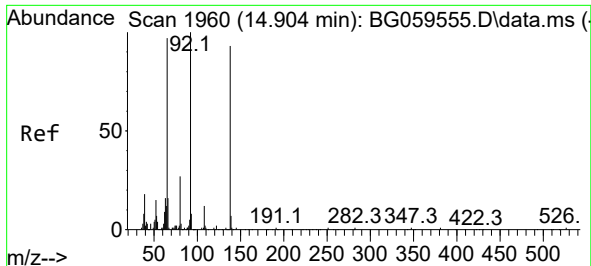
Tgt Ion:165 Resp: 165143
Ion Ratio Lower Upper
165 100
89 69.7 41.0 61.4#
121 26.9 12.3 18.5#



#50
Acenaphthylene
Concen: 32.710 ng/ul
RT: 14.716 min Scan# 1928
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:152 Resp: 1053198
Ion Ratio Lower Upper
152 100
151 20.6 16.6 25.0
153 13.5 9.4 14.2

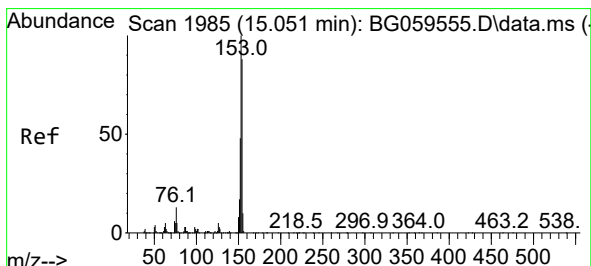
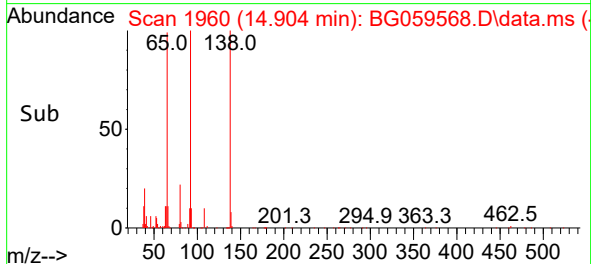
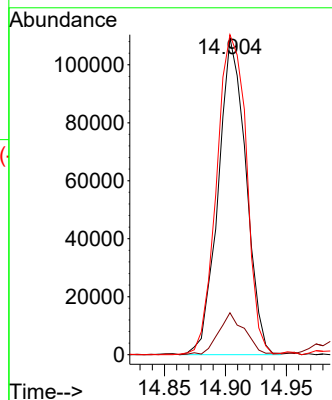
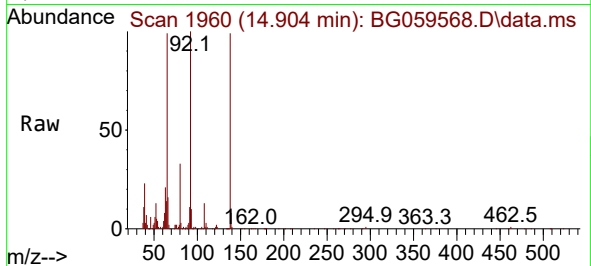




#51
3-Nitroaniline
Concen: 39.162 ng/ul
RT: 14.904 min Scan# 1960
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

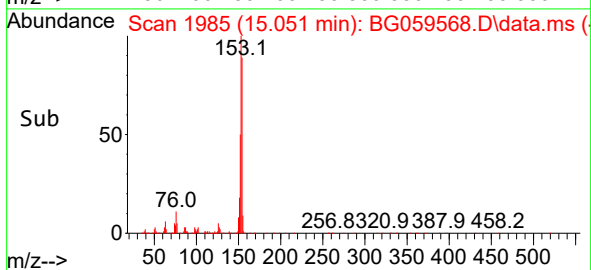
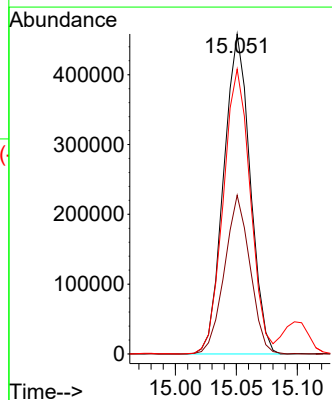
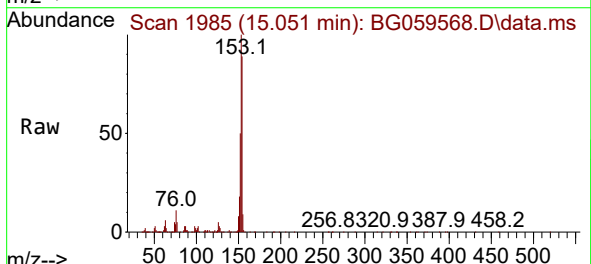
Instrument :
BNA_G
ClientSampleId :
A49M0MS

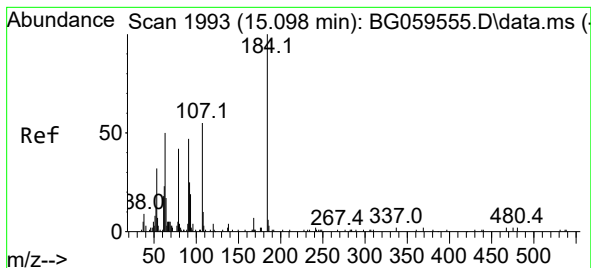
Tgt Ion:138 Resp: 173238
Ion Ratio Lower Upper
138 100
108 13.3 17.1 25.7#
92 100.9 101.8 152.8#



#52
Acenaphthene
Concen: 33.062 ng/ul
RT: 15.051 min Scan# 1985
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:153 Resp: 693923
Ion Ratio Lower Upper
153 100
152 49.6 37.6 56.4
154 89.0 69.4 104.0

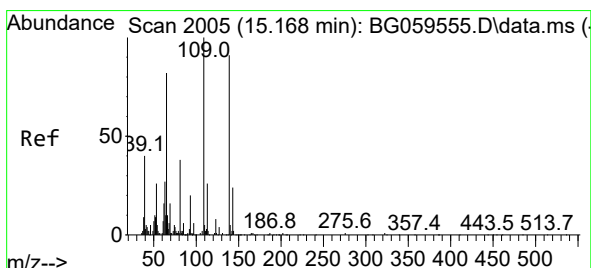
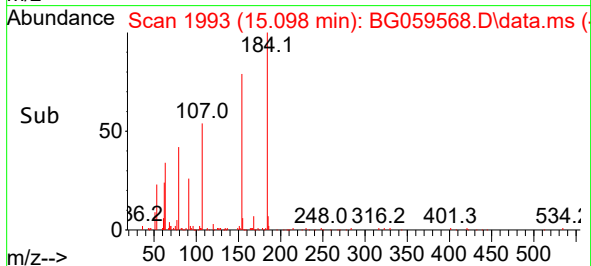
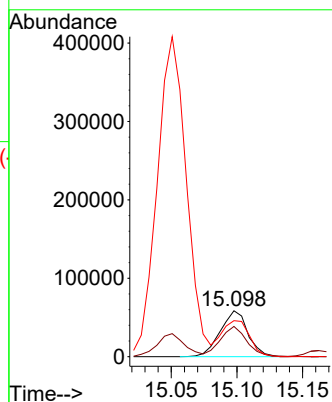
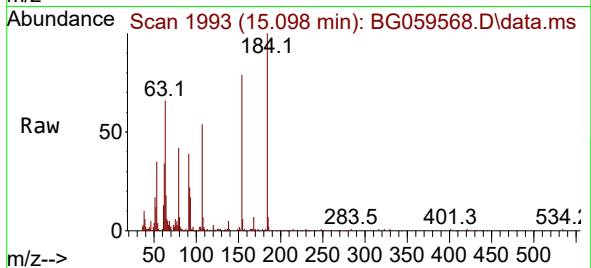




#53
2,4-Dinitrophenol
Concen: 42.628 ng/ul
RT: 15.098 min Scan# 1993
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

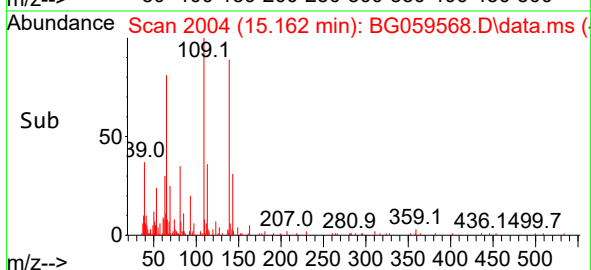
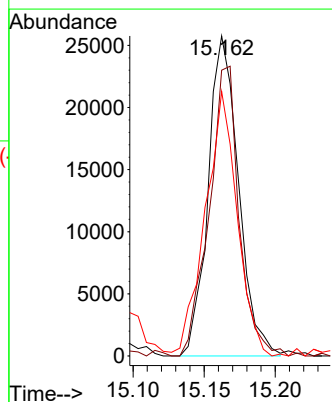
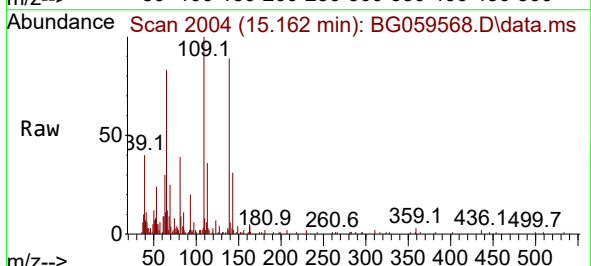
Instrument :
BNA_G
ClientSampleId :
A49M0MS

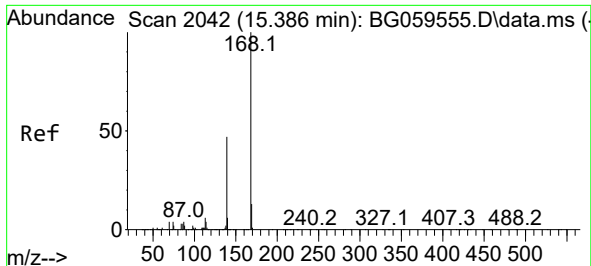
Tgt Ion:184 Resp: 85958
Ion Ratio Lower Upper
184 100
63 66.0 35.0 52.6#
154 78.6 49.8 74.8#



#55
4-Nitrophenol
Concen: 8.508 ng/ul
RT: 15.162 min Scan# 2004
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:109 Resp: 38290
Ion Ratio Lower Upper
109 100
139 89.3 72.2 108.2
65 82.6 57.3 85.9

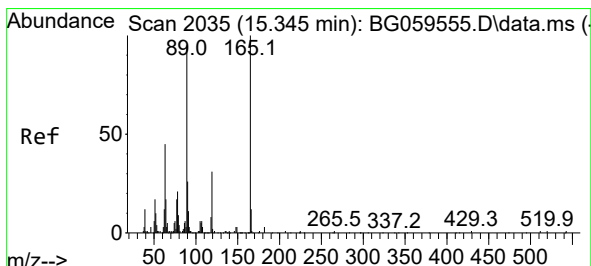
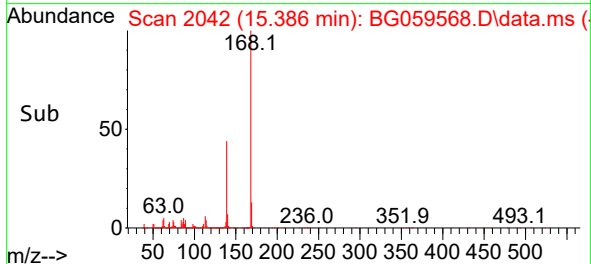
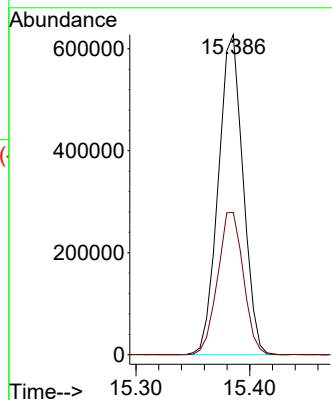
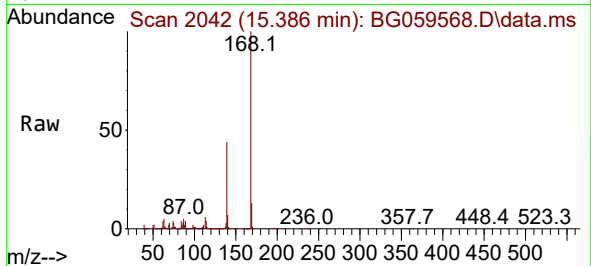




#56
Dibenzofuran
Concen: 34.885 ng/ul
RT: 15.386 min Scan# 2042
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

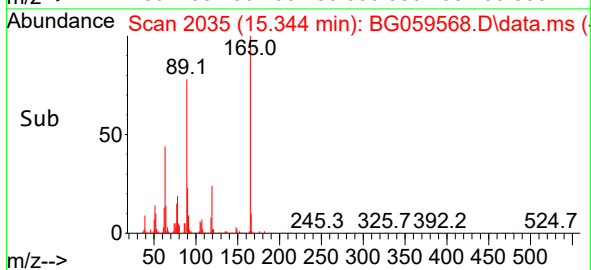
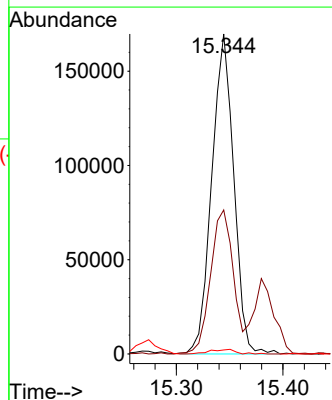
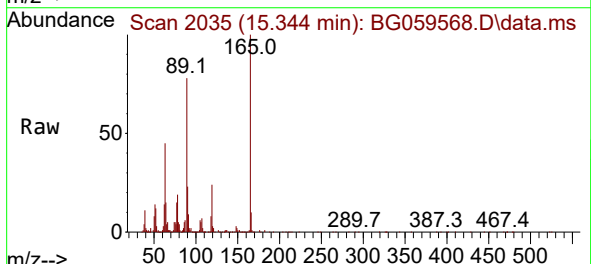
Instrument :
BNA_G
ClientSampleId :
A49M0MS

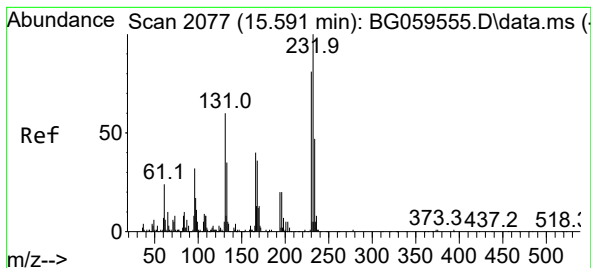
Tgt Ion:168 Resp: 949237
Ion Ratio Lower Upper
168 100
139 44.5 33.8 50.8



#57
2,4-Dinitrotoluene
Concen: 48.601 ng/ul
RT: 15.344 min Scan# 2035
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:165 Resp: 242618
Ion Ratio Lower Upper
165 100
63 45.0 30.9 46.3
182 1.3 1.8 2.6#

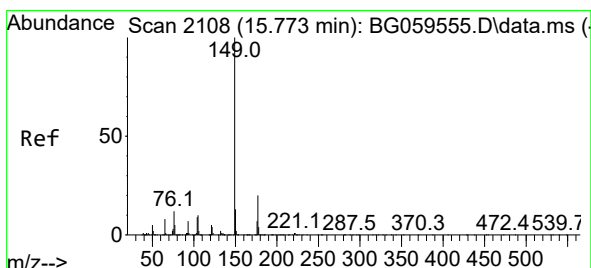
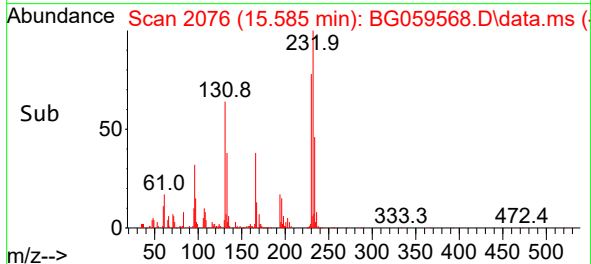
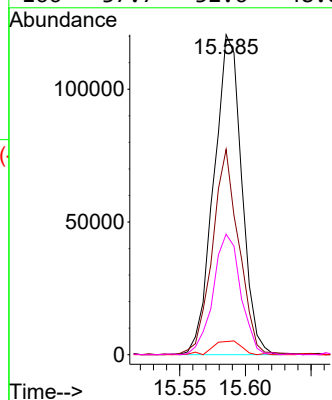
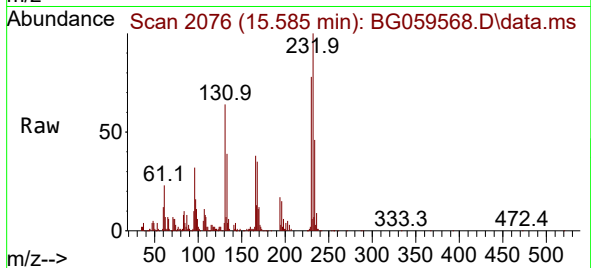




#58
2,3,4,6-Tetrachlorophenol
Concen: 39.868 ng/ul
RT: 15.585 min Scan# 2076
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

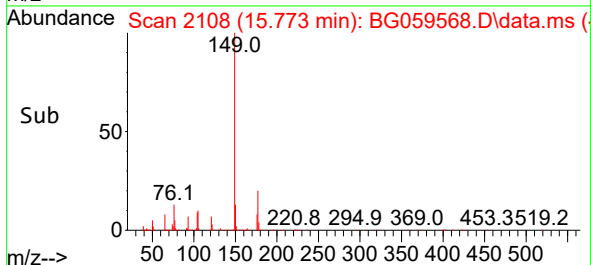
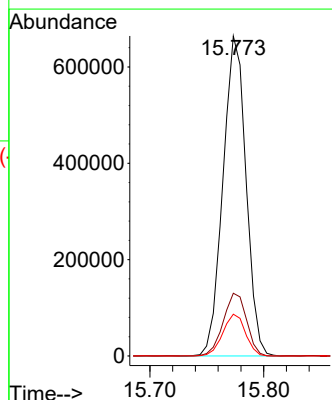
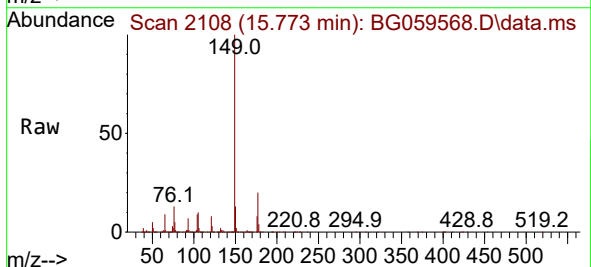
Instrument :
BNA_G
ClientSampleId :
A49M0MS

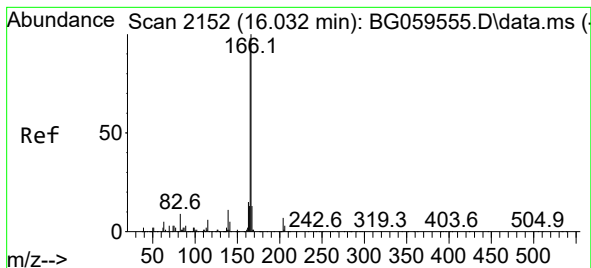
Tgt Ion:232 Resp: 177831
Ion Ratio Lower Upper
232 100
131 64.2 44.2 66.2
130 4.1 2.3 3.5#
166 37.7 32.6 48.8



#59
Diethylphthalate
Concen: 36.443 ng/ul
RT: 15.773 min Scan# 2108
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:149 Resp: 935276
Ion Ratio Lower Upper
149 100
177 19.6 16.3 24.5
150 13.1 9.1 13.7





#61

Fluorene

Concen: 34.150 ng/ul

RT: 16.032 min Scan# 2152

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

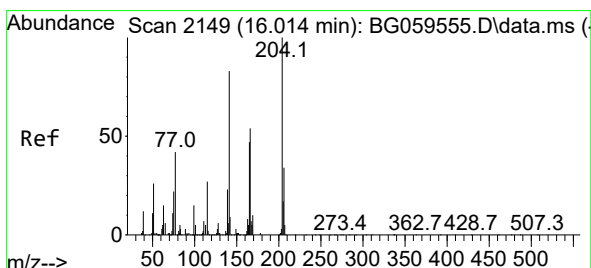
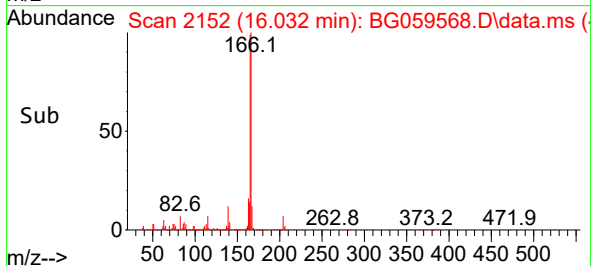
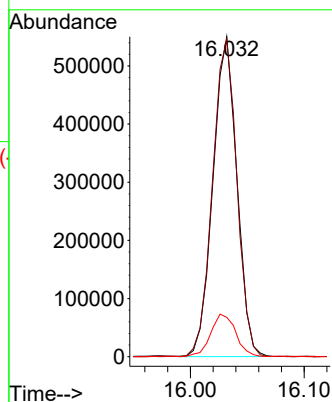
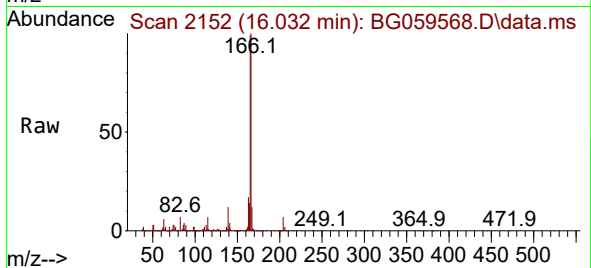
Tgt Ion:166 Resp: 802200

Ion Ratio Lower Upper

166 100

165 99.2 74.4 111.6

167 12.3 9.1 13.7



#62

4-Chlorophenyl-phenylether

Concen: 36.753 ng/ul

RT: 16.014 min Scan# 2149

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

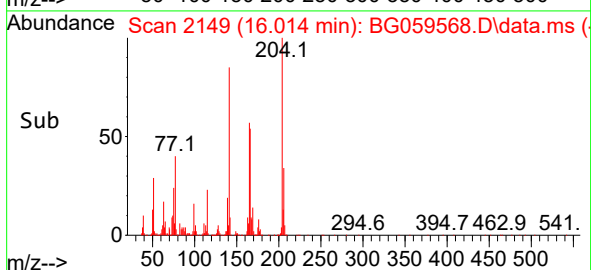
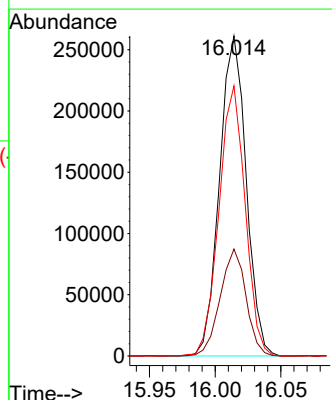
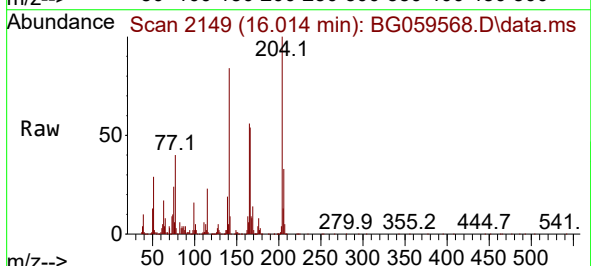
Tgt Ion:204 Resp: 368966

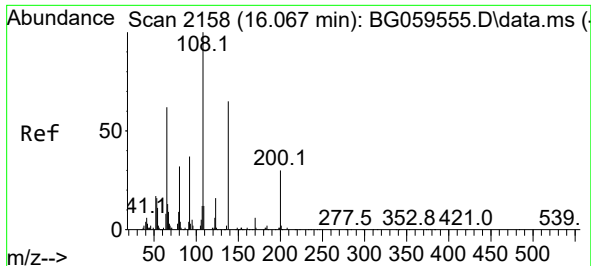
Ion Ratio Lower Upper

204 100

206 33.4 28.8 43.2

141 84.4 68.6 103.0

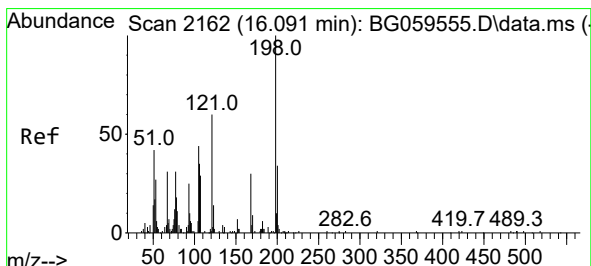
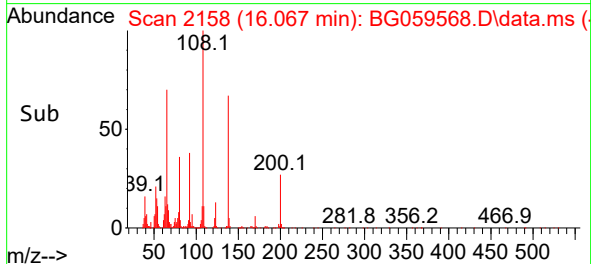
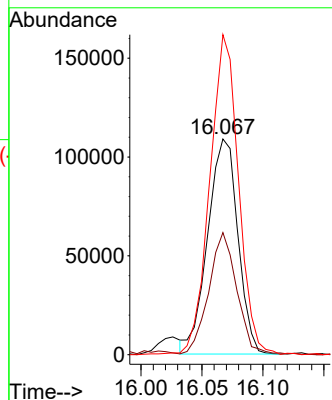
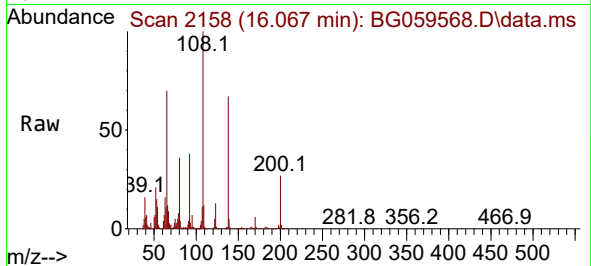




#63
4-Nitroaniline
Concen: 39.999 ng/ul
RT: 16.067 min Scan# 2158
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

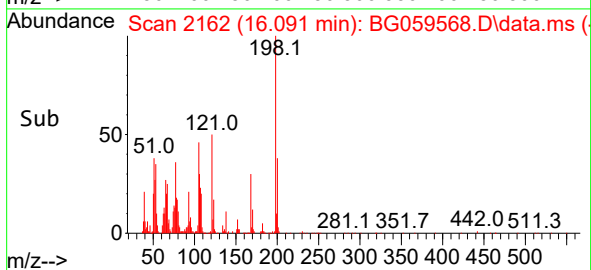
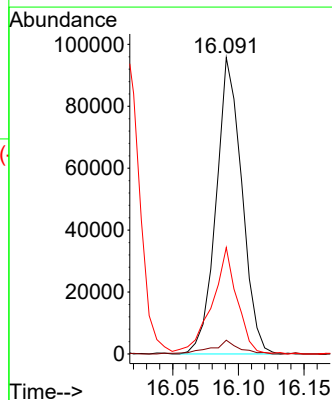
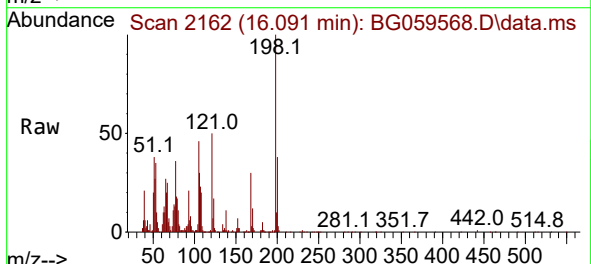
Instrument :
BNA_G
ClientSampleId :
A49M0MS

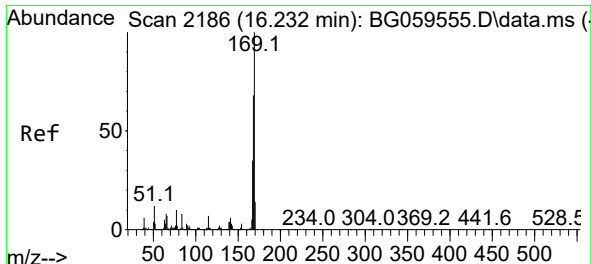
Tgt Ion:138 Resp: 187778
Ion Ratio Lower Upper
138 100
92 56.6 49.8 74.8
108 148.4 100.9 151.3



#66
4,6-Dinitro-2-methylphenol
Concen: 47.277 ng/ul
RT: 16.091 min Scan# 2162
Delta R.T. -0.003 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:198 Resp: 130356
Ion Ratio Lower Upper
198 100
182 4.7 1.4 2.0#
77 35.9 15.8 23.8#

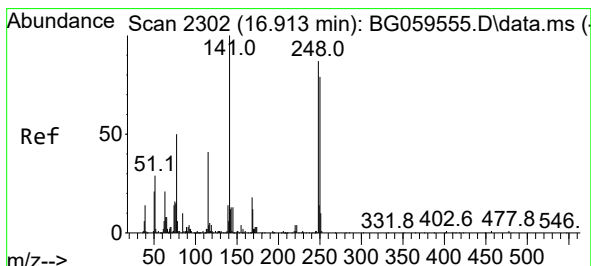
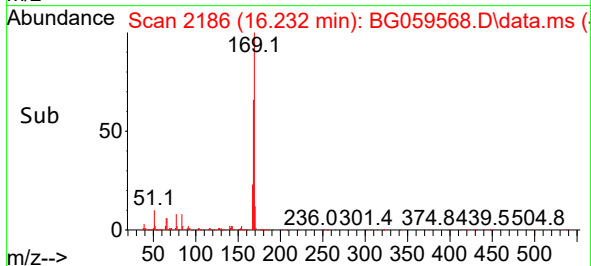
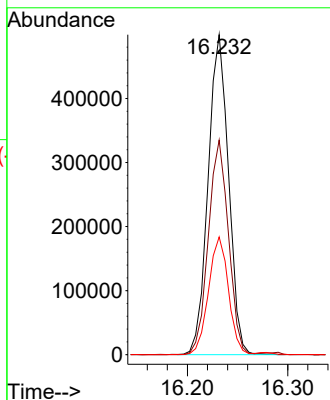
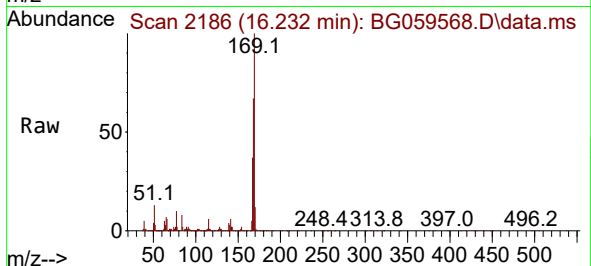




#67
 N-Nitrosodiphenylamine
 Concen: 37.412 ng/ul
 RT: 16.232 min Scan# 2186
 Delta R.T. -0.003 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

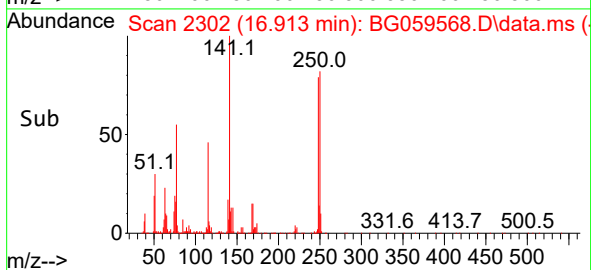
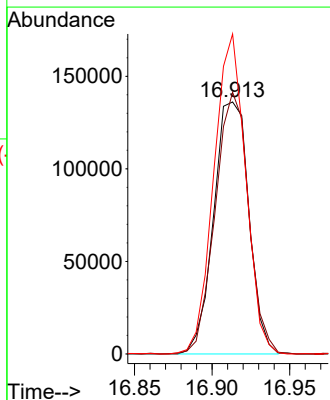
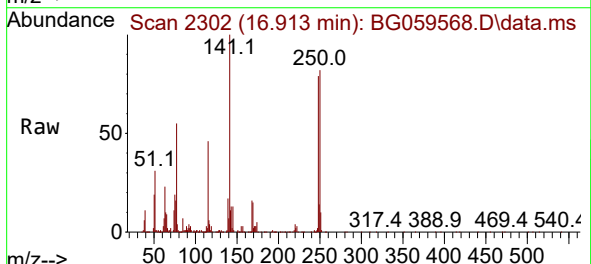
Instrument :
 BNA_G
 ClientSampleId :
 A49M0MS

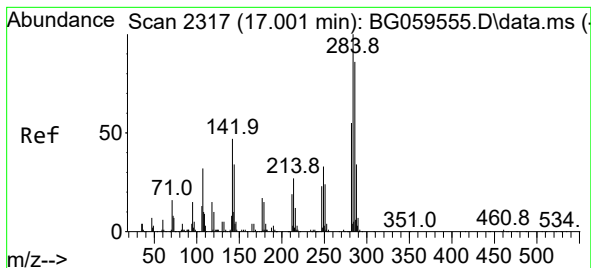
Tgt Ion:169 Resp: 706211
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.2 81.2
 167 36.8 31.3 46.9



#68
 4-Bromophenyl-phenylether
 Concen: 38.819 ng/ul
 RT: 16.913 min Scan# 2302
 Delta R.T. -0.003 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

Tgt Ion:248 Resp: 214597
 Ion Ratio Lower Upper
 248 100
 250 103.9 74.2 111.2
 141 127.0 88.5 132.7





#69

Hexachlorobenzene

Concen: 37.909 ng/ul

RT: 17.001 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

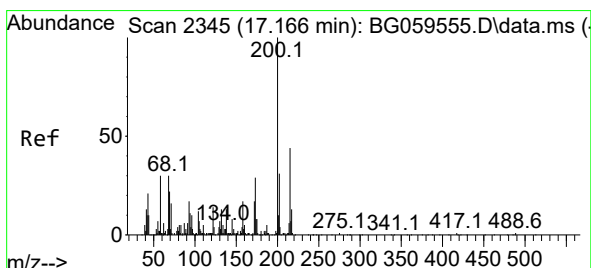
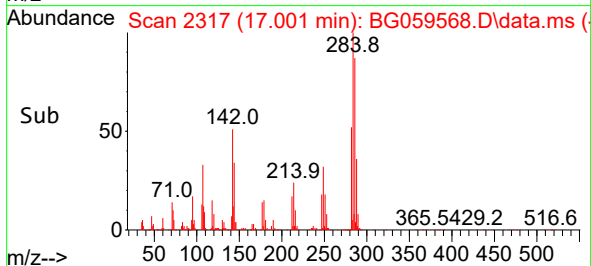
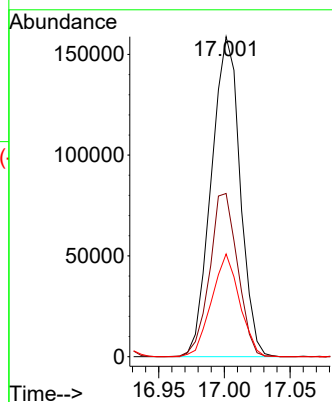
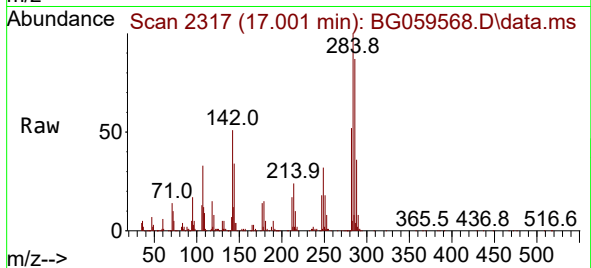
Tgt Ion:284 Resp: 242202

Ion Ratio Lower Upper

284 100

142 51.0 39.6 59.4

249 32.1 28.2 42.2



#70

Atrazine

Concen: 33.056 ng/ul

RT: 17.166 min Scan# 2345

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

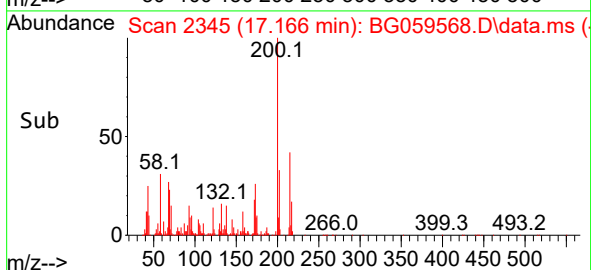
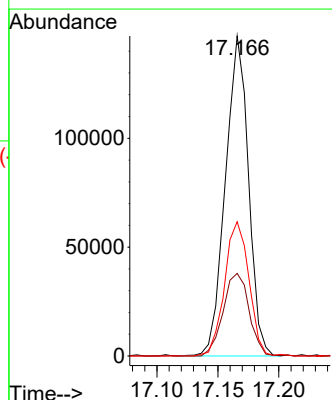
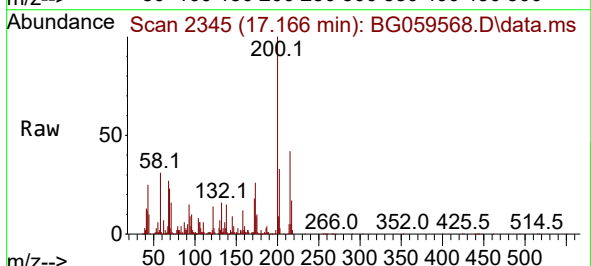
Tgt Ion:200 Resp: 193355

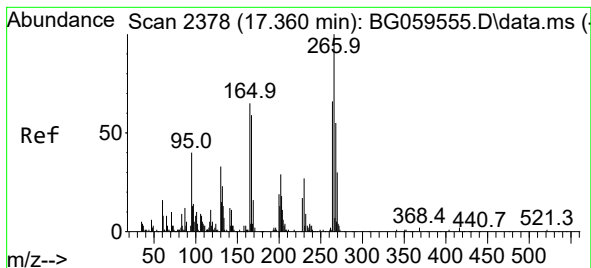
Ion Ratio Lower Upper

200 100

173 25.8 25.7 38.5

215 42.0 32.1 48.1





#71

Pentachlorophenol

Concen: 42.127 ng/ul

RT: 17.354 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

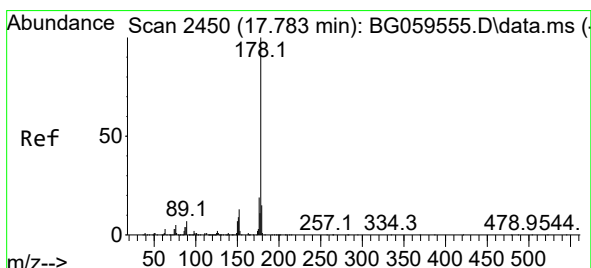
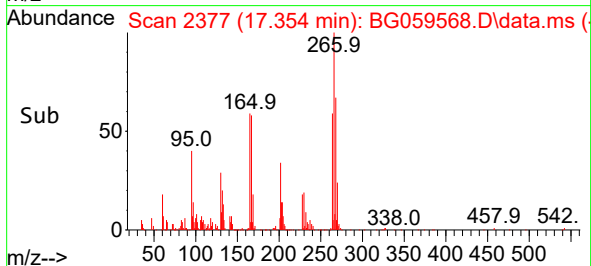
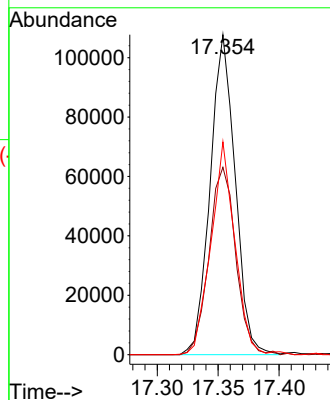
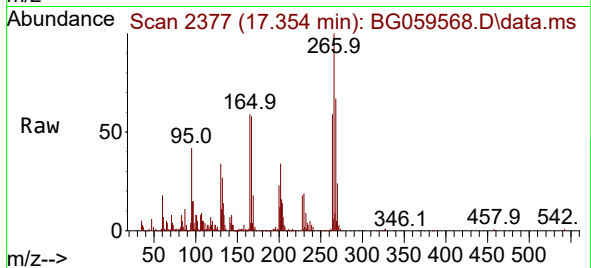
Tgt Ion:266 Resp: 153762

Ion Ratio Lower Upper

266 100

264 58.6 46.2 69.2

268 66.5 46.4 69.6



#72

Phenanthrene

Concen: 36.764 ng/ul

RT: 17.783 min Scan# 2450

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

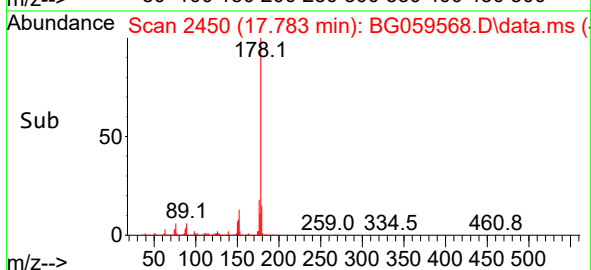
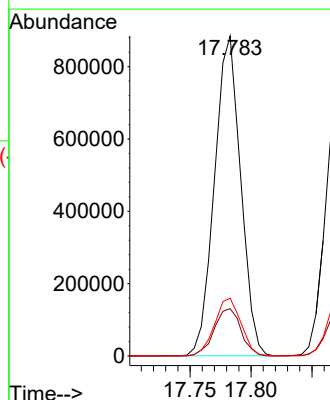
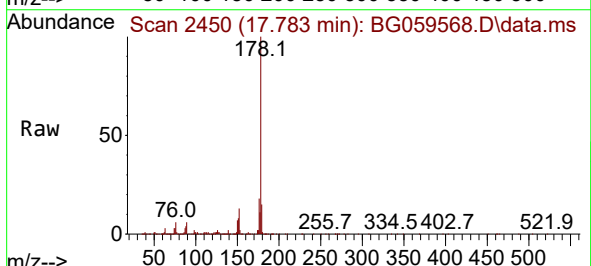
Tgt Ion:178 Resp: 1320365

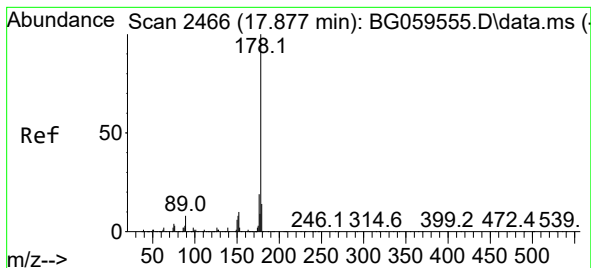
Ion Ratio Lower Upper

178 100

179 14.8 11.3 16.9

176 18.0 15.4 23.0





#74

Anthracene

Concen: 35.524 ng/uI

RT: 17.871 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

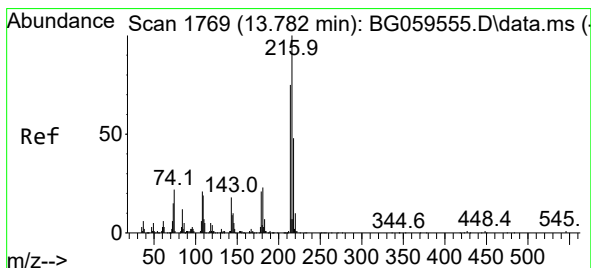
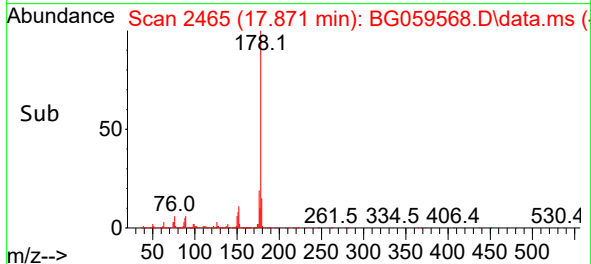
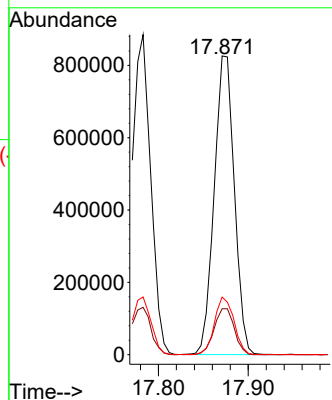
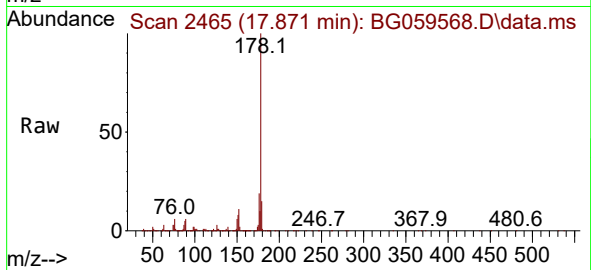
Tgt Ion:178 Resp: 1288194

Ion Ratio Lower Upper

178 100

179 15.4 13.1 19.7

176 19.3 13.9 20.9



#75

1,2,3,4-Tetrachlorobenzene

Concen: 34.440 ng/uI

RT: 13.782 min Scan# 1769

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

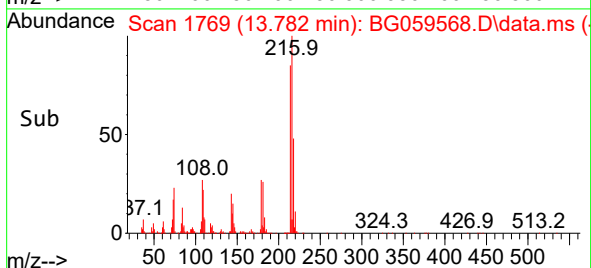
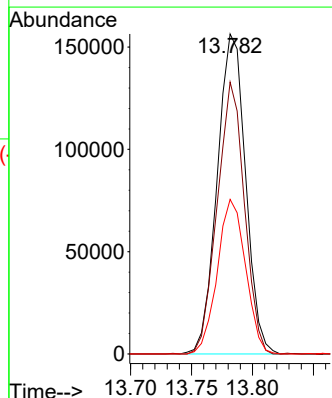
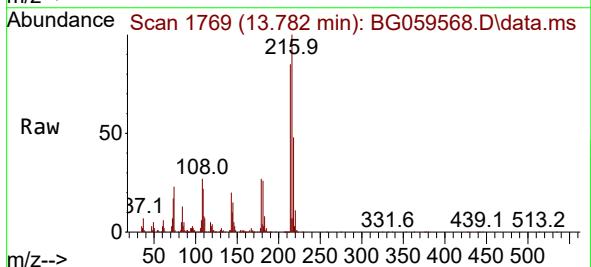
Tgt Ion:216 Resp: 253371

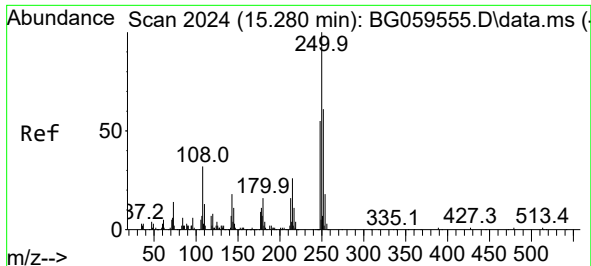
Ion Ratio Lower Upper

216 100

214 84.9 70.2 105.2

218 48.3 39.9 59.9

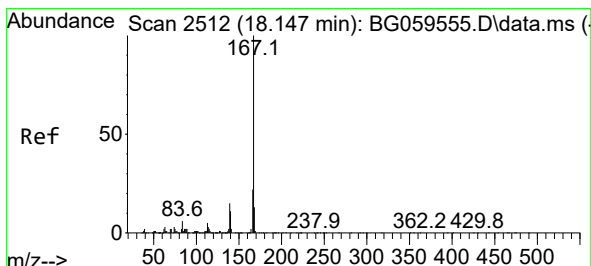
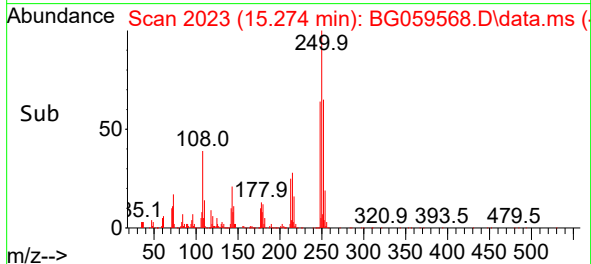
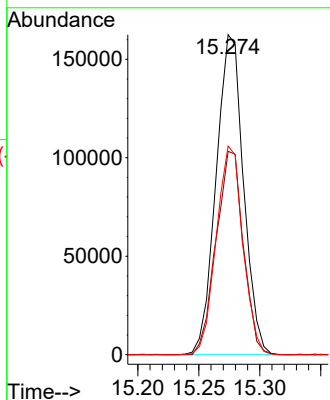
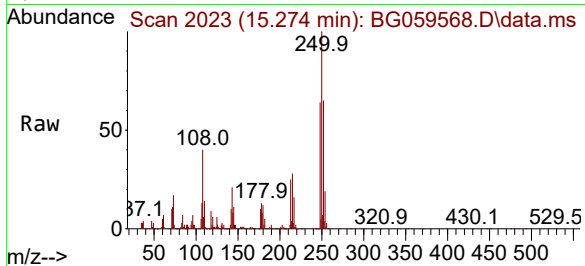




#76
 Pentachlorobenzene
 Concen: 36.382 ng/uL
 RT: 15.274 min Scan# 20
 Delta R.T. -0.009 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

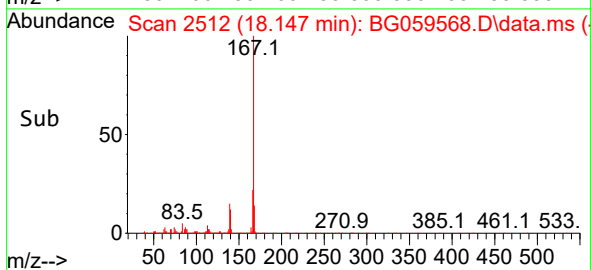
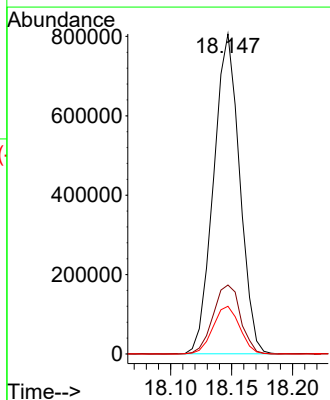
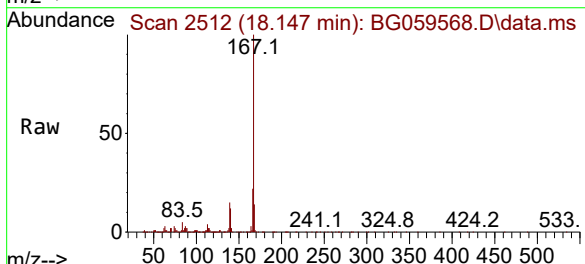
Instrument :
 BNA_G
 ClientSampleId :
 A49M0MS

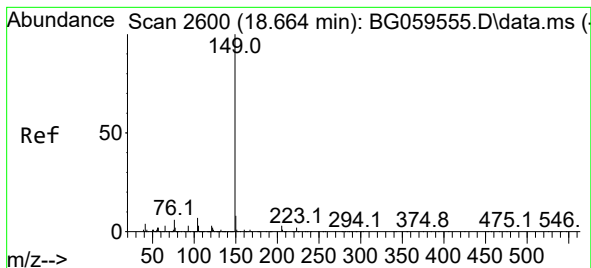
Tgt Ion:250 Resp: 253985
 Ion Ratio Lower Upper
 250 100
 248 63.5 48.7 73.1
 252 65.2 51.2 76.8



#77
 Carbazole
 Concen: 38.517 ng/uL
 RT: 18.147 min Scan# 2512
 Delta R.T. -0.003 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

Tgt Ion:167 Resp: 1199877
 Ion Ratio Lower Upper
 167 100
 166 21.6 19.4 29.2
 139 14.9 11.7 17.5





#78

Di-n-butylphthalate

Concen: 36.064 ng/ul

RT: 18.658 min Scan# 2

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

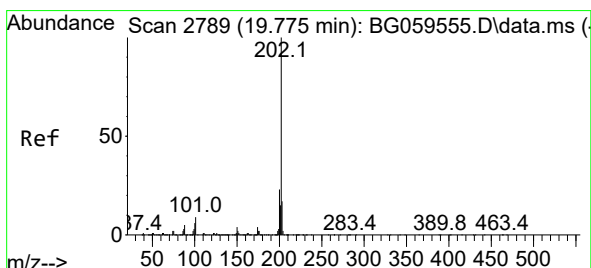
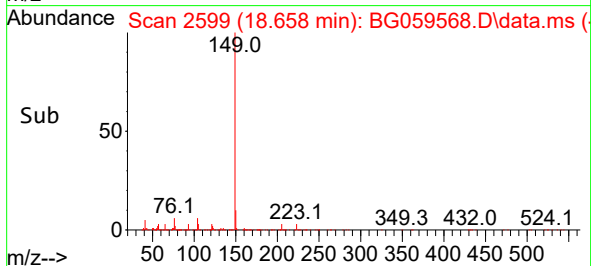
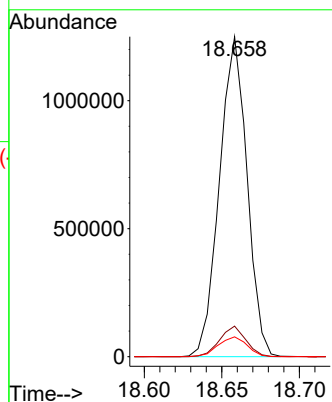
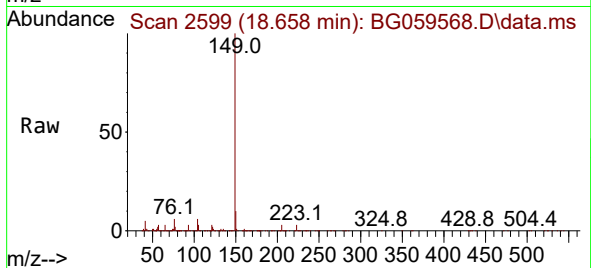
Tgt Ion:149 Resp: 1543623

Ion Ratio Lower Upper

149 100

150 9.6 7.5 11.3

104 6.2 5.3 7.9



#80

Fluoranthene

Concen: 37.719 ng/ul

RT: 19.775 min Scan# 2789

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

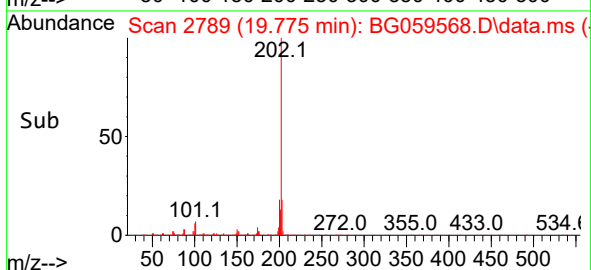
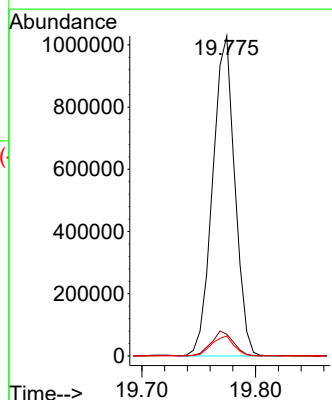
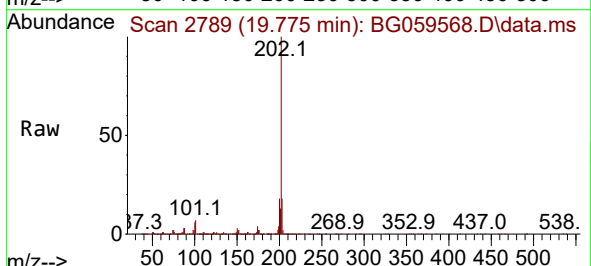
Tgt Ion:202 Resp: 1394913

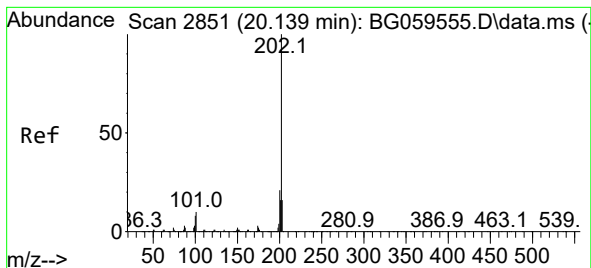
Ion Ratio Lower Upper

202 100

101 6.8 7.0 10.6#

100 6.2 5.2 7.8





#82

Pyrene

Concen: 36.944 ng/ul

RT: 20.139 min Scan# 2

Delta R.T. -0.003 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

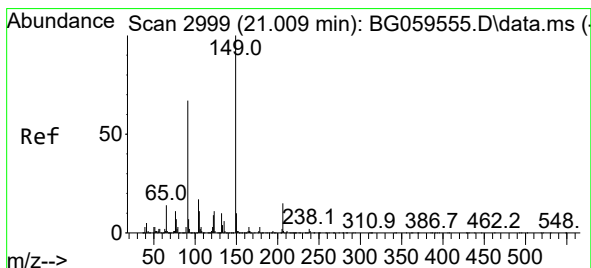
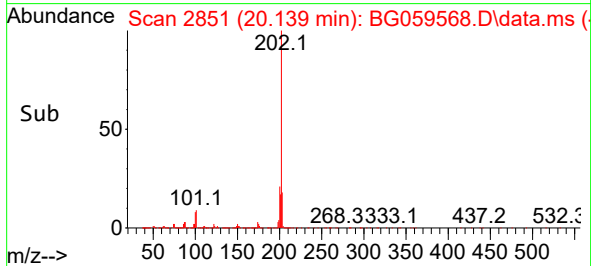
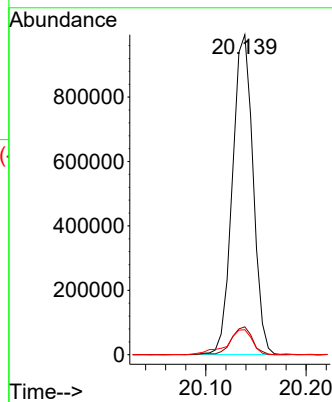
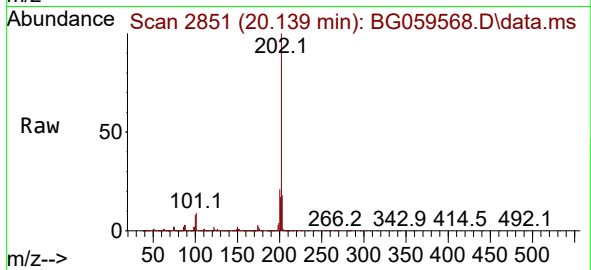
Tgt Ion:202 Resp: 1419173

Ion Ratio Lower Upper

202 100

101 8.7 7.9 11.9

100 7.8 7.9 11.9#



#83

Butylbenzylphthalate

Concen: 39.441 ng/ul

RT: 21.003 min Scan# 2998

Delta R.T. -0.014 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

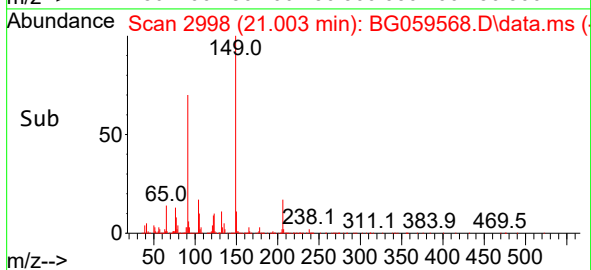
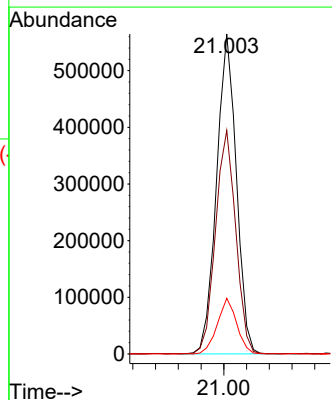
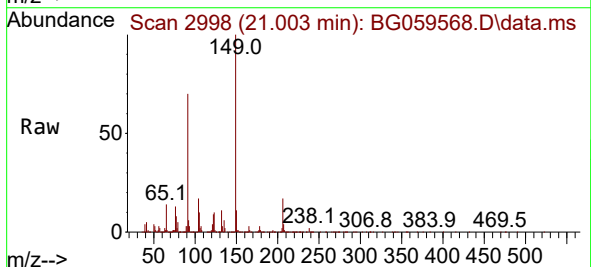
Tgt Ion:149 Resp: 684247

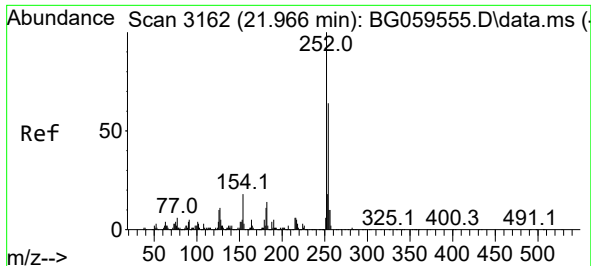
Ion Ratio Lower Upper

149 100

91 69.8 52.2 78.2

206 17.4 15.1 22.7

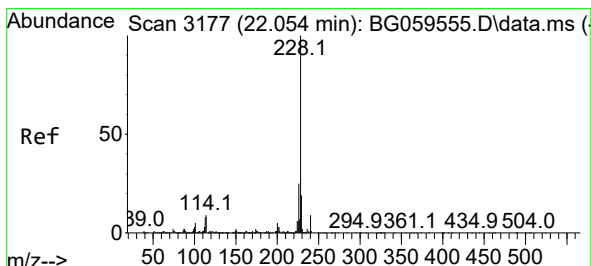
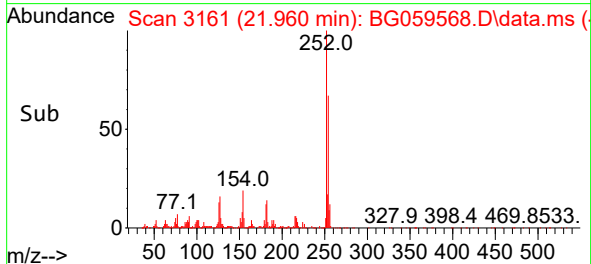
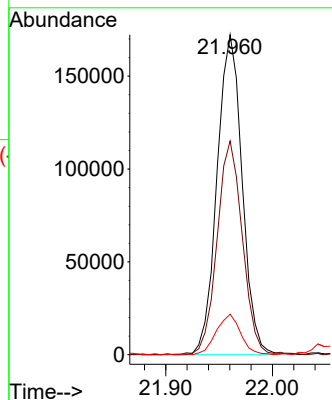
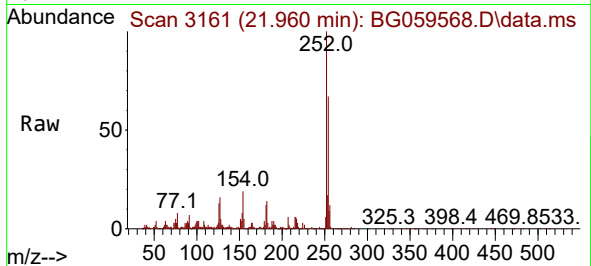




#84
 3,3'-Dichlorobenzidine
 Concen: 24.826 ng/ul
 RT: 21.960 min Scan# 3161
 Delta R.T. -0.009 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

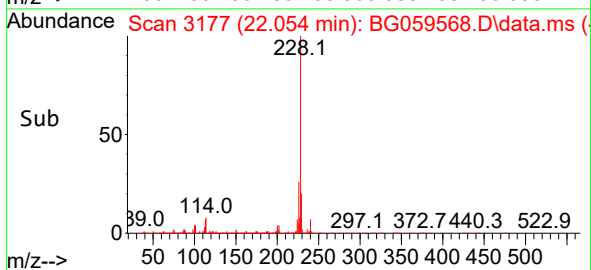
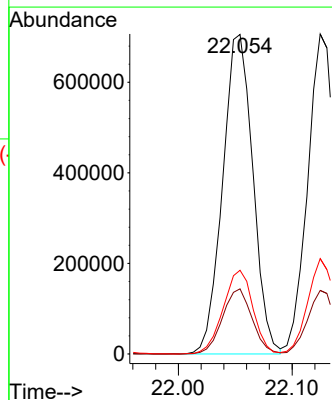
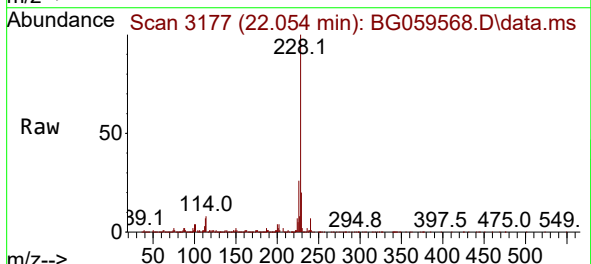
Instrument :
 BNA_G
 ClientSampleId :
 A49M0MS

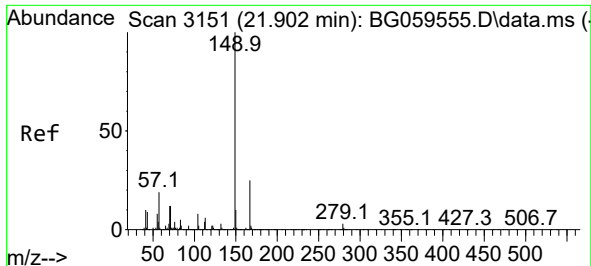
Tgt Ion:252 Resp: 281780
 Ion Ratio Lower Upper
 252 100
 254 66.8 48.9 73.3
 126 12.7 11.5 17.3



#85
 Benzo(a)anthracene
 Concen: 36.310 ng/ul
 RT: 22.054 min Scan# 3177
 Delta R.T. -0.003 min
 Lab File: BG059568.D
 Acq: 31 Oct 2023 19:52

Tgt Ion:228 Resp: 1304203
 Ion Ratio Lower Upper
 228 100
 229 20.4 16.7 25.1
 226 26.2 20.3 30.5

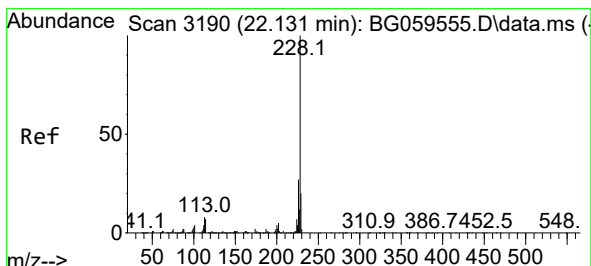
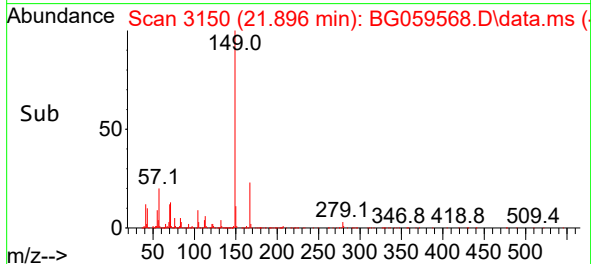
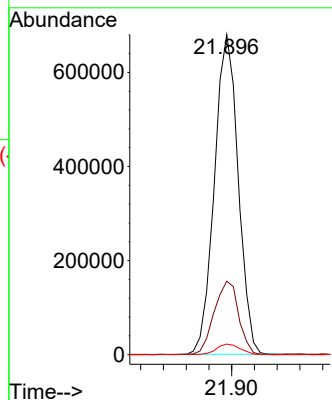
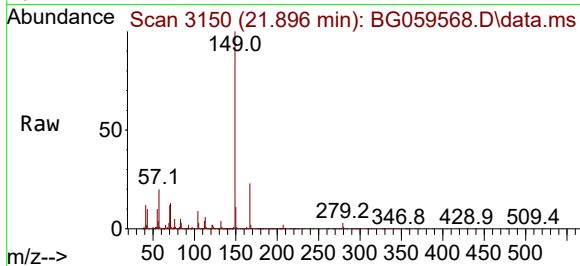




#86
Bis(2-ethylhexyl)phthalate
Concen: 38.104 ng/ul
RT: 21.896 min Scan# 3150
Delta R.T. -0.020 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

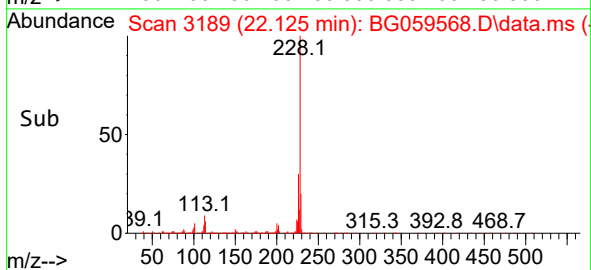
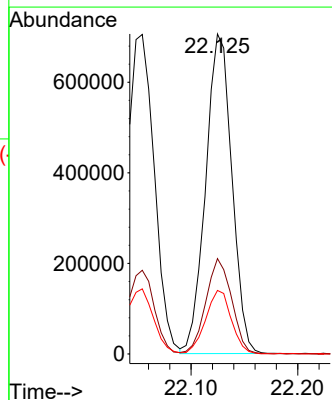
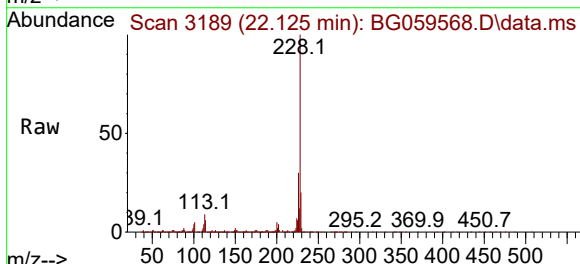
Instrument :
BNA_G
ClientSampleId :
A49M0MS

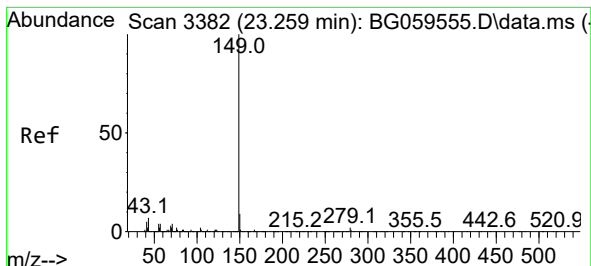
Tgt Ion:149 Resp: 986371
Ion Ratio Lower Upper
149 100
167 22.9 19.4 29.2
279 3.3 2.2 3.4



#87
Chrysene
Concen: 36.184 ng/ul
RT: 22.125 min Scan# 3189
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:228 Resp: 1208998
Ion Ratio Lower Upper
228 100
226 29.8 21.0 31.4
229 19.8 15.1 22.7





#89

Di-n-octyl phthalate

Concen: 41.718 ng/ul

RT: 23.247 min Scan# 31

Delta R.T. -0.026 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

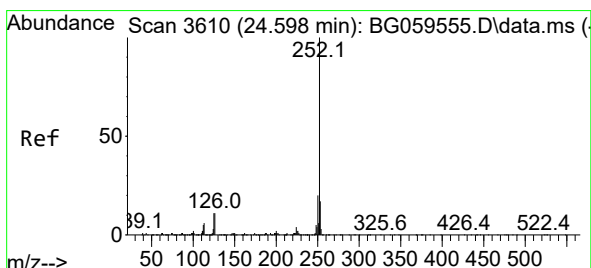
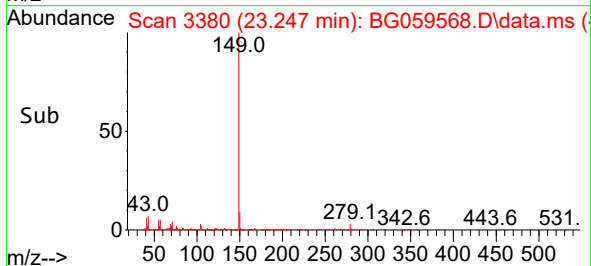
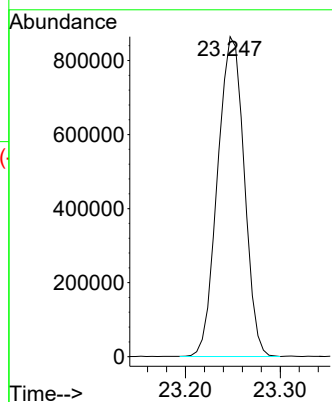
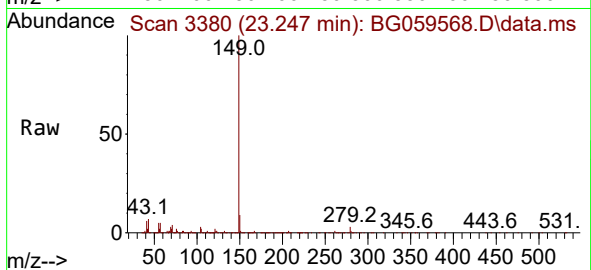
Instrument :

BNA_G

ClientSampleId :

A49M0MS

Tgt Ion:149 Resp: 1687687



#90

Benzo(b)fluoranthene

Concen: 38.919 ng/ul

RT: 24.516 min Scan# 3596

Delta R.T. -0.009 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

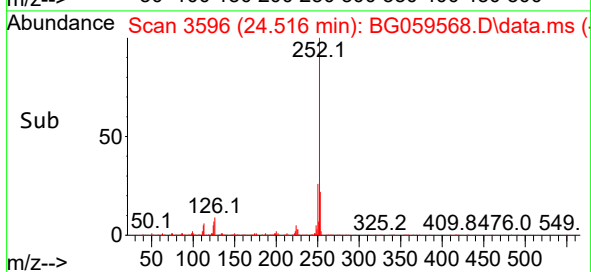
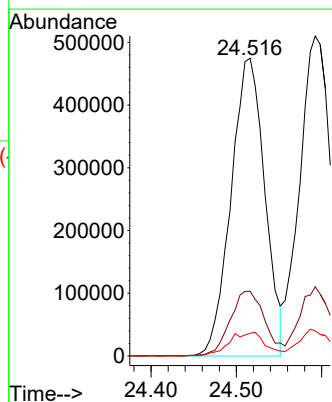
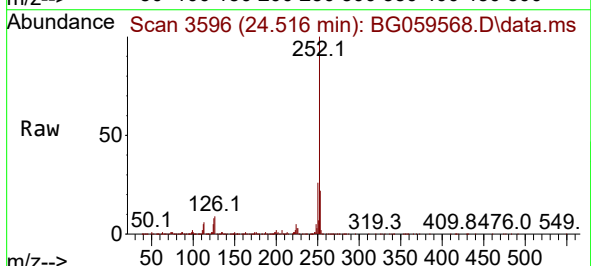
Tgt Ion:252 Resp: 1303535

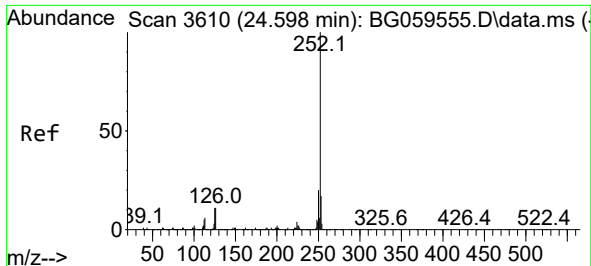
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 7.6 8.6 13.0#

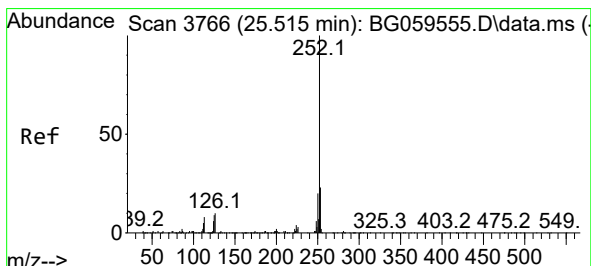
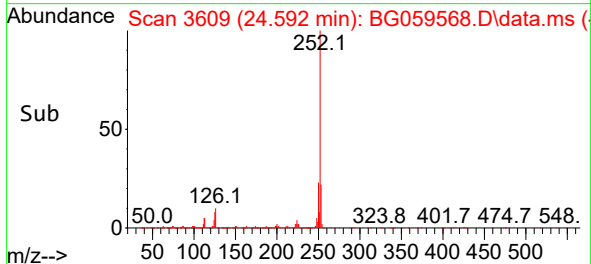
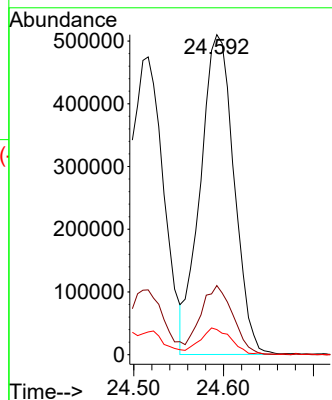
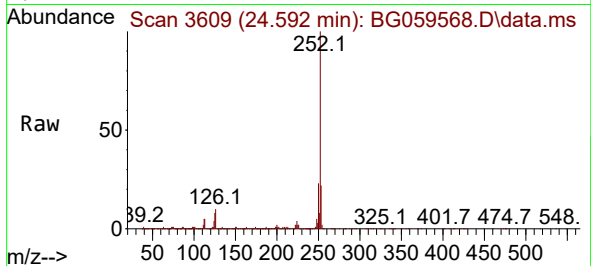




#91
Benzo(k)fluoranthene
Concen: 39.699 ng/ul
RT: 24.592 min Scan# 3609
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

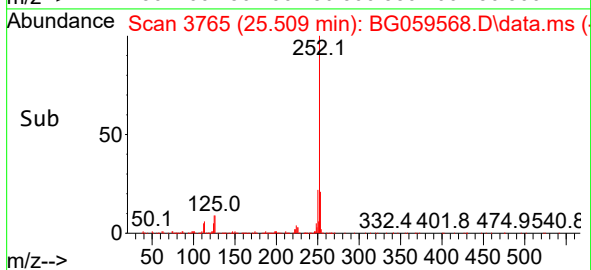
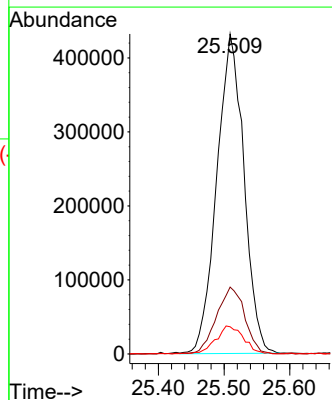
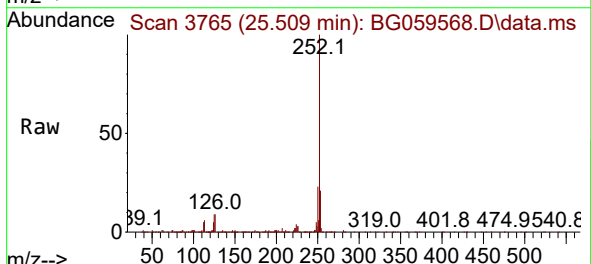
Instrument :
BNA_G
ClientSampleId :
A49M0MS

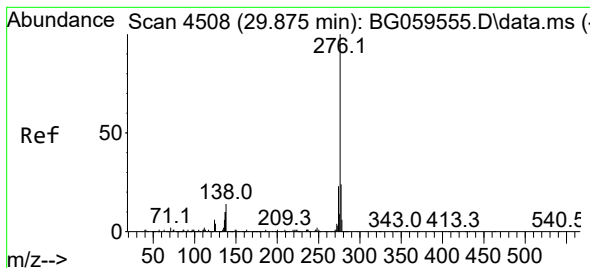
Tgt Ion:252 Resp: 1328170
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 7.8 7.9 11.9#



#93
Benzo(a)pyrene
Concen: 39.061 ng/ul
RT: 25.509 min Scan# 3765
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Tgt Ion:252 Resp: 1236540
Ion Ratio Lower Upper
252 100
253 20.9 18.5 27.7
125 8.5 7.6 11.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 32.837 ng/ul

RT: 29.863 min Scan# 4

Delta R.T. -0.026 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

Instrument :

BNA_G

ClientSampleId :

A49M0MS

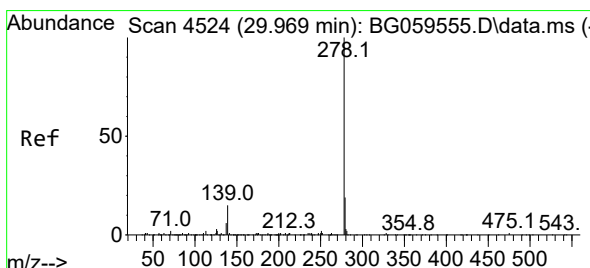
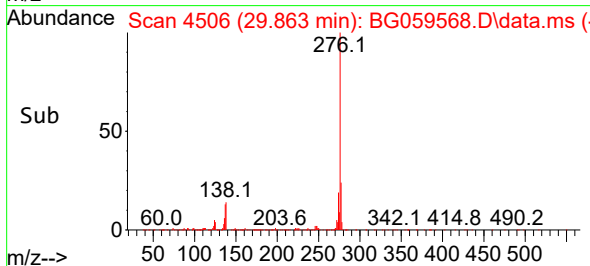
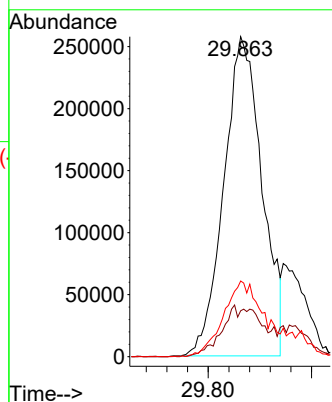
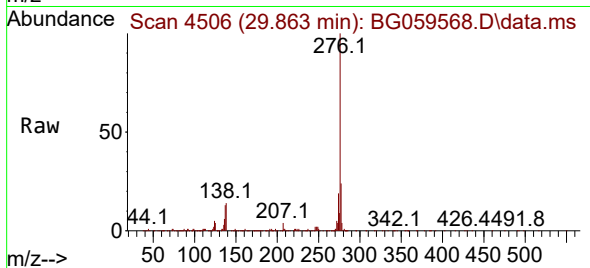
Tgt Ion:276 Resp: 1317573

Ion Ratio Lower Upper

276 100

138 14.3 15.3 22.9#

277 23.6 16.4 24.6



#95

Dibenzo(a,h)anthracene

Concen: 39.273 ng/ul

RT: 29.968 min Scan# 4524

Delta R.T. -0.015 min

Lab File: BG059568.D

Acq: 31 Oct 2023 19:52

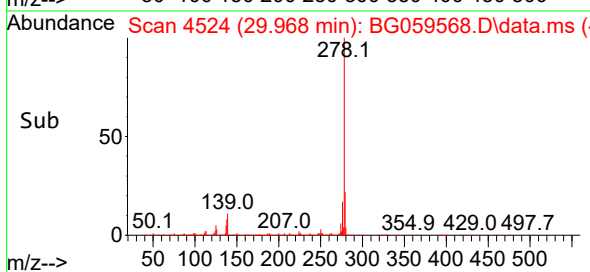
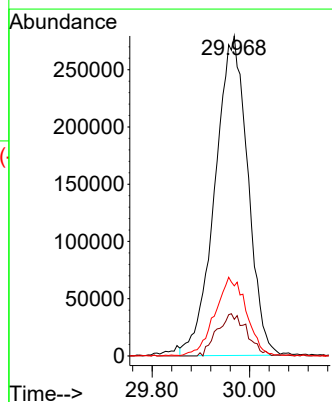
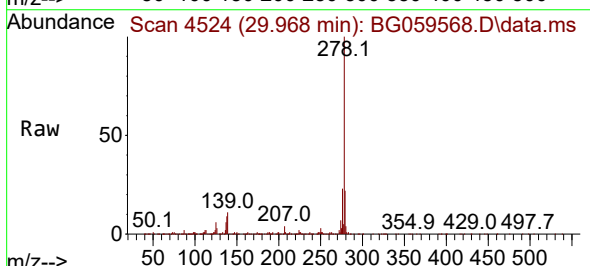
Tgt Ion:278 Resp: 1301489

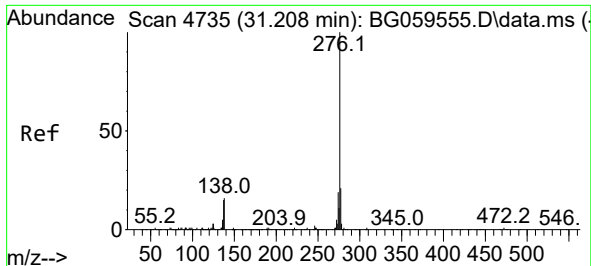
Ion Ratio Lower Upper

278 100

139 11.4 11.0 16.6

279 21.9 18.3 27.5





#96
Benzo(g,h,i)perylene
Concen: 38.358 ng/ul
RT: 31.208 min Scan# 41
Delta R.T. -0.009 min
Lab File: BG059568.D
Acq: 31 Oct 2023 19:52

Instrument :
BNA_G
ClientSampleId :
A49M0MS

Tgt Ion:276 Resp: 1259676
Ion Ratio Lower Upper
276 100
138 16.4 16.2 24.2
277 23.2 18.2 27.4

