

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059351.D
 Acq On : 7 Oct 2023 20:55
 Operator : MA/JU
 Sample : 04607-12MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJQ2MSD

Quant Time: Oct 07 23:35:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG100723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 07 22:45:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.228	152	41207	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	211011	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.868	164	140278	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.717	188	708330	20.000	ng/ul	0.10
79) Chrysene-d12	21.918	240	272588	20.000	ng/ul	0.00
88) Perylene-d12	25.402	264	324351	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	5021	4.344	ng/uL	0.00
4) Pyridine-d5	3.963	84	40211	12.088	ng/ul	0.00
7) Phenol-d5	7.359	99	38320	8.422	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	119378	46.419	ng/ul	0.00
11) 2-Chlorophenol-d4	7.746	132	105666	33.205	ng/ul	0.00
15) 4-Methylphenol-d8	8.927	113	71195	20.083	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	82882	46.141	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	78921	40.593	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.678	165	138760	39.542	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	177363	31.819	ng/ul	0.00
46) Dimethylphthalate-d6	14.262	166	512801	44.621	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	581298	42.504	ng/ul	0.00
54) 4-Nitrophenol-d4	15.061	143	18164	8.434	ng/ul	0.00
60) Fluorene-d10	15.855	176	470272	42.869	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.972	200	97043	20.750	ng/ul	0.00
73) Anthracene-d10	17.717	188	707327	20.356	ng/ul	0.00
81) Pyrene-d10	19.991	212	795866	48.196	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.155	264	803627	47.084	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.563	88	7980	6.468	ng/uL#	81
5) Pyridine	3.986	79	45638	13.588	ng/ul	94
6) Benzaldehyde	7.376	77	99283	52.605	ng/ul	99
8) Phenol	7.382	94	44815	9.960	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.647	93	155315	44.824	ng/ul	99
12) 2-Chlorophenol	7.782	128	116491	34.741	ng/ul#	91
13) 2-Methylphenol	8.657	108	87510	26.029	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.734	45	208614	28.775	ng/ul	97
16) Acetophenone	9.074	105	245164	45.510	ng/ul	94
17) N-Nitroso-di-n-propyla...	9.033	70	120530	44.903	ng/ul#	95
18) 4-Methylphenol	8.992	108	80242	21.704	ng/ul	99
19) Hexachloroethane	9.315	117	107475	88.118	ng/ul	91
22) Nitrobenzene	9.474	77	177343	45.035	ng/ul#	89
23) Isophorone	9.979	82	380927	45.301	ng/ul	95
25) 2-Nitrophenol	10.179	139	91412	45.590	ng/ul	90
26) 2,4-Dimethylphenol	10.208	107	123977	31.343	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.461	93	233856	46.280	ng/ul	98
29) 2,4-Dichlorophenol	10.702	162	146893	41.570	ng/ul	98
30) Naphthalene	11.125	128	545779	44.721	ng/ul	97
32) 4-Chloroaniline	11.242	127	174769	33.143	ng/ul	99
33) Hexachlorobutadiene	11.348	225	101272	47.467	ng/ul	97
35) 4-Chloro-3-methylphenol	12.318	107	144061	37.993	ng/ul	99
36) 2-Methylnaphthalene	12.711	142	373225	45.874	ng/ul	90
37) 1-Methylnaphthalene	12.923	142	371166	43.939	ng/ul#	95

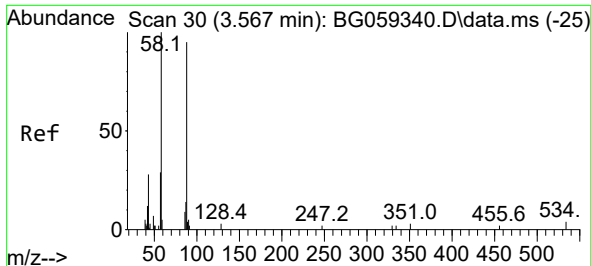
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.052	216	198849	47.589	ng/ul#	92
40) Hexachlorocyclopentadiene	13.005	237	83860	33.430	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.299	196	133621	47.129	ng/ul	97
42) 2,4,5-Trichlorophenol	13.369	196	146075	47.438	ng/ul	95
43) 1,1'-Biphenyl	13.698	154	534818	46.323	ng/ul	98
44) 2-Chloronaphthalene	13.757	162	411217	46.336	ng/ul	98
45) 2-Nitroaniline	13.974	65	143372	49.335	ng/ul	95
47) Dimethylphthalate	14.309	163	555242	48.072	ng/ul	99
48) 2,6-Dinitrotoluene	14.456	165	122112	52.404	ng/ul	97
50) Acenaphthylene	14.597	152	667027	45.373	ng/ul	98
51) 3-Nitroaniline	14.797	138	110567	48.458	ng/ul	96
52) Acenaphthene	14.932	153	458908	46.136	ng/ul	98
53) 2,4-Dinitrophenol	14.991	184	71636	42.799	ng/ul	93
55) 4-Nitrophenol	15.073	109	14788	10.177	ng/ul	88
56) Dibenzofuran	15.261	168	635650	46.315	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	165067	48.369	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	15.473	232	139587	47.242	ng/ul#	94
59) Diethylphthalate	15.655	149	536824	46.731	ng/ul	100
61) Fluorene	15.907	166	553301	47.382	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.890	204	275300	47.712	ng/ul	97
63) 4-Nitroaniline	15.960	138	118153	57.517	ng/ul	97
67) N-Nitrosodiphenylamine	16.113	169	459131	22.905	ng/ul	99
68) 4-Bromophenyl-phenylether	16.789	248	167597	22.282	ng/ul	98
69) Hexachlorobenzene	16.883	284	191443	22.298	ng/ul	98
70) Atrazine	17.047	200	165952	20.881	ng/ul	96
71) Pentachlorophenol	17.235	266	117636	23.575	ng/ul	95
72) Phenanthrene	17.752	178	931477	22.204	ng/ul	99
74) Anthracene	17.752	178	931477	21.832	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.663	216	195864	21.284	ng/uL	93
76) Pentachlorobenzene	15.155	250	201006	21.105	ng/uL	96
77) Carbazole	18.029	167	800032	22.532	ng/ul	97
78) Di-n-butylphthalate	18.528	149	960609	22.867	ng/ul	99
80) Fluoranthene	19.656	202	1056701	51.427	ng/ul	97
82) Pyrene	20.020	202	1099751	51.499	ng/ul	97
83) Butylbenzylphthalate	20.866	149	414735	52.563	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.812	252	211592	31.115	ng/ul#	92
85) Benzo(a)anthracene	21.895	228	1070210	51.407	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.724	149	620570	52.588	ng/ul	99
87) Chrysene	21.971	228	1007362	51.515	ng/ul	98
89) Di-n-octyl phthalate	23.017	149	1057267	51.659	ng/ul	100
90) Benzo(b)fluoranthene	24.274	252	1092584	51.126	ng/ul	99
91) Benzo(k)fluoranthene	24.351	252	1112776	51.283	ng/ul	96
93) Benzo(a)pyrene	25.238	252	1031964	50.694	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.421	276	460496	19.638	ng/ul	97
95) Dibenzo(a,h)anthracene	29.515	278	976166	51.196	ng/ul	97
96) Benzo(g,h,i)perylene	30.725	276	971467	51.947	ng/ul	96

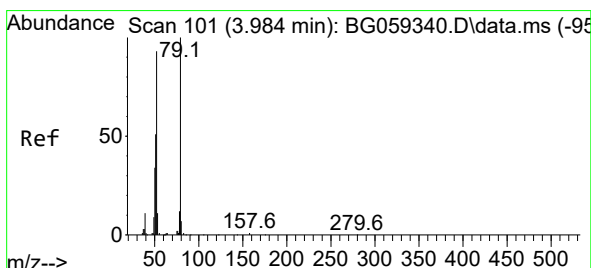
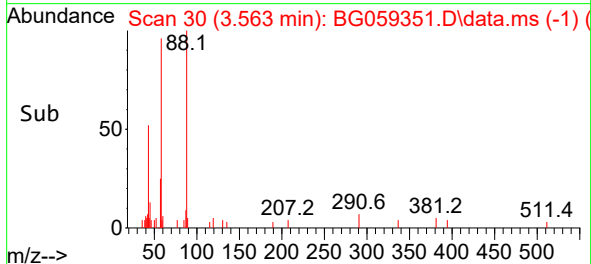
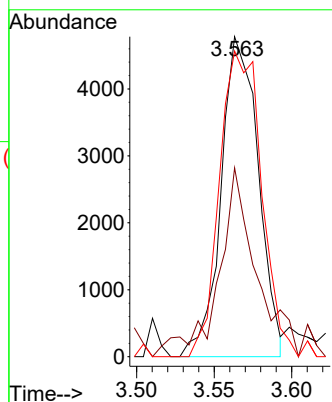
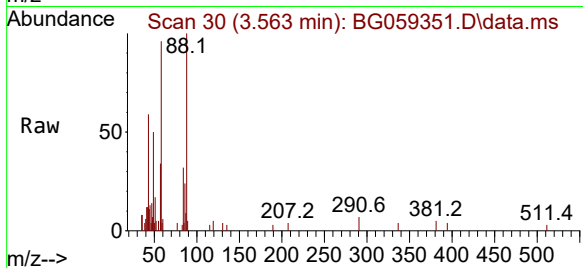
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#2
1,4-Dioxane
Concen: 6.468 ng/uL
RT: 3.563 min Scan# 30
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

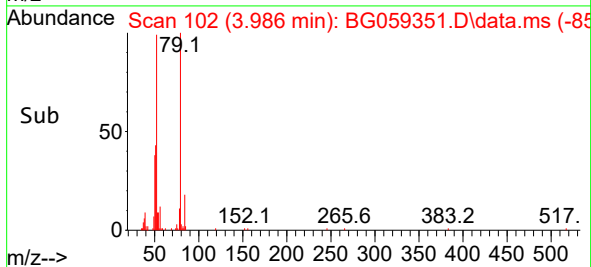
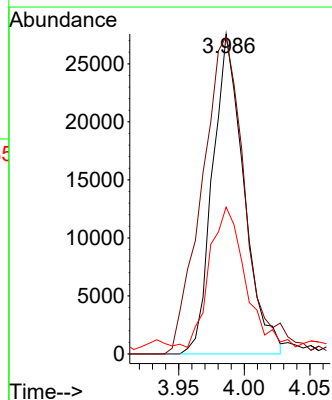
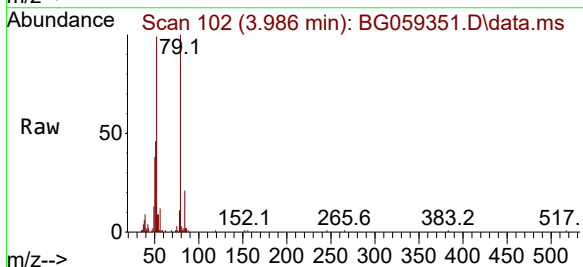
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

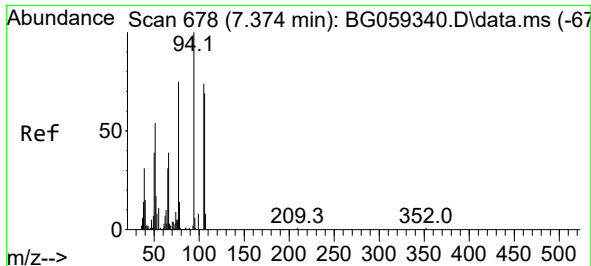
Tgt Ion: 88 Resp: 7980
Ion Ratio Lower Upper
88 100
43 59.0 25.4 38.0#
58 95.5 84.6 127.0



#5
Pyridine
Concen: 13.588 ng/uL
RT: 3.986 min Scan# 102
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion: 79 Resp: 45638
Ion Ratio Lower Upper
79 100
52 99.2 82.5 123.7
51 45.9 41.8 62.8

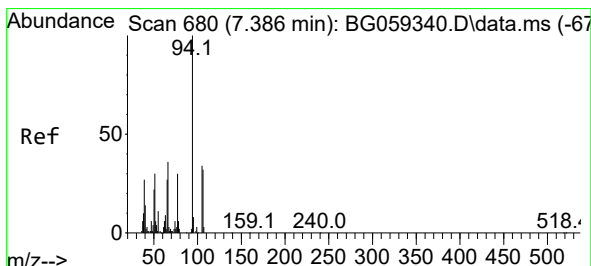
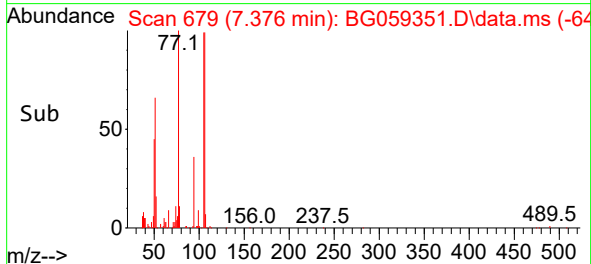
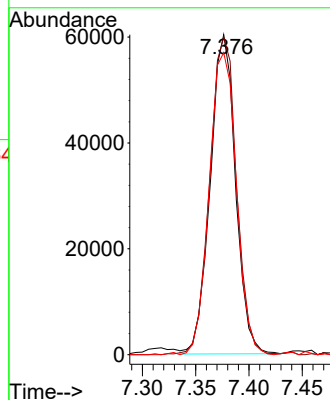
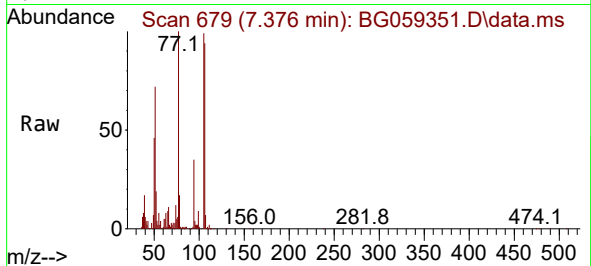




#6
Benzaldehyde
Concen: 52.605 ng/ul
RT: 7.376 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

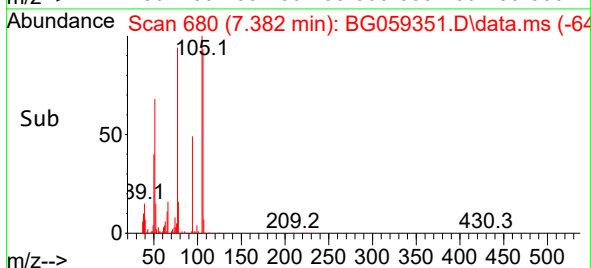
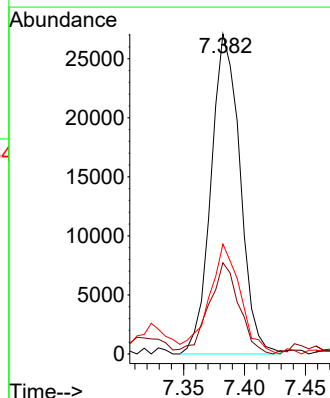
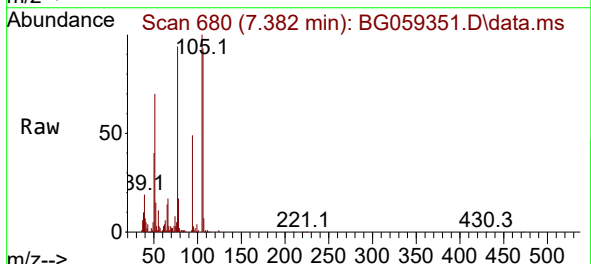
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

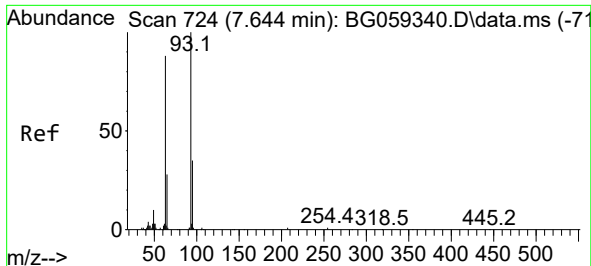
Tgt Ion: 77 Resp: 99283
Ion Ratio Lower Upper
77 100
105 99.2 79.5 119.3
106 94.4 74.8 112.2



#8
Phenol
Concen: 9.960 ng/ul
RT: 7.382 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion: 94 Resp: 44815
Ion Ratio Lower Upper
94 100
65 28.5 21.9 32.9
66 34.3 28.6 43.0

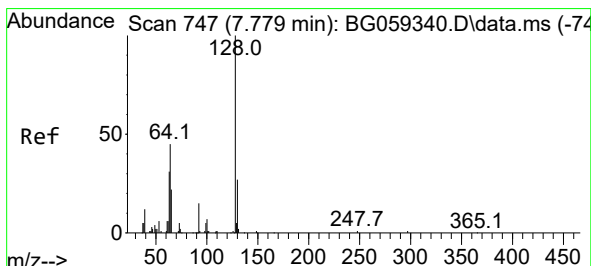
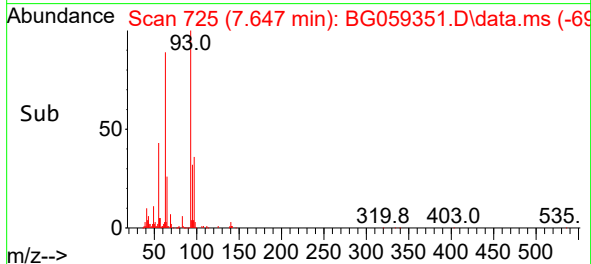
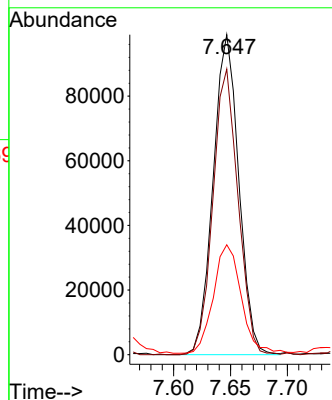
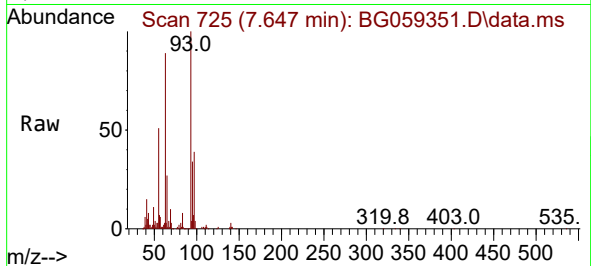




#10
Bis(2-Chloroethyl)ether
Concen: 44.824 ng/ul
RT: 7.647 min Scan# 71
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

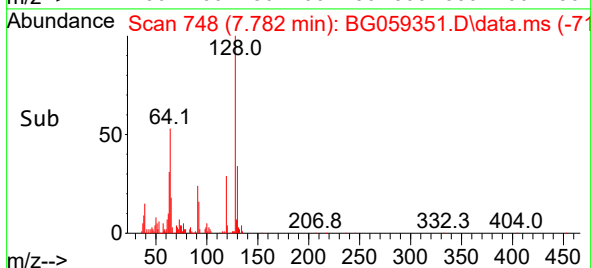
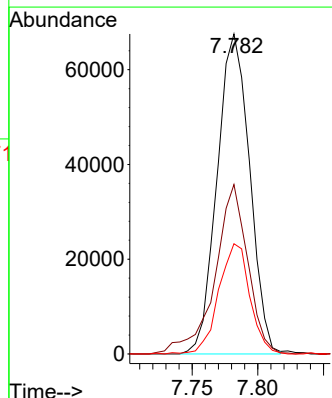
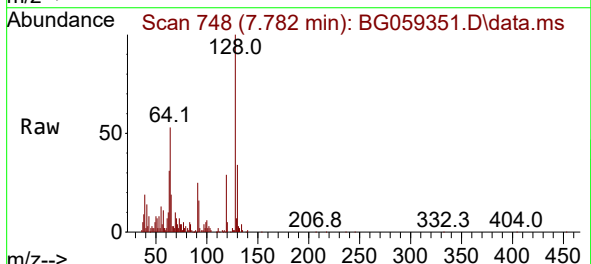
Instrument :
BNA_G
ClientSampleId :
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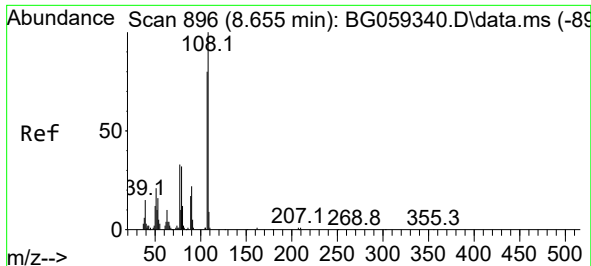
Tgt Ion: 93 Resp: 155315
Ion Ratio Lower Upper
93 100
63 89.3 71.0 106.6
95 34.3 27.8 41.6



#12
2-Chlorophenol
Concen: 34.741 ng/ul
RT: 7.782 min Scan# 748
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:128 Resp: 116491
Ion Ratio Lower Upper
128 100
64 52.9 38.6 57.8
130 34.4 21.8 32.8#





#13

2-Methylphenol

Concen: 26.029 ng/ul

RT: 8.657 min Scan# 896

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

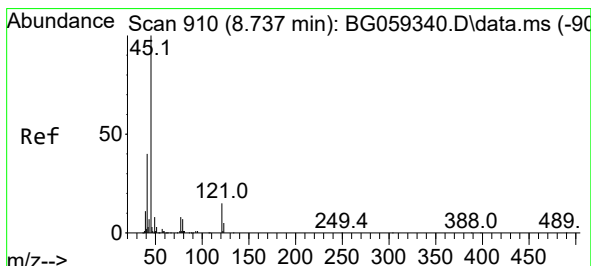
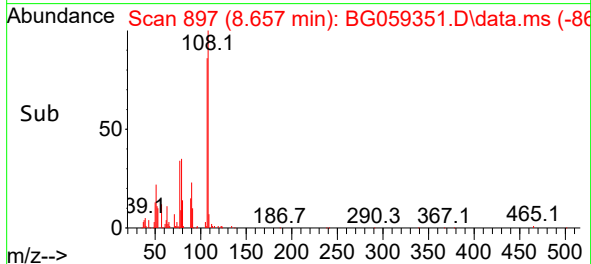
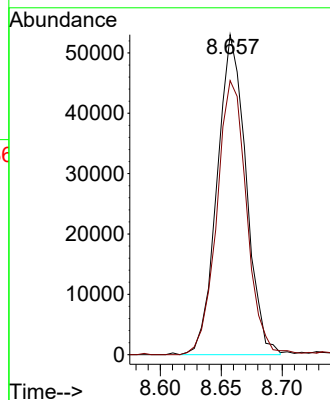
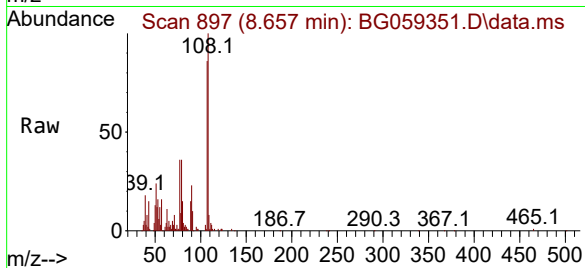
BBJQ2MSD

Tgt Ion:108 Resp: 87510

Ion Ratio Lower Upper

108 100

107 85.7 64.7 97.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.775 ng/ul

RT: 8.734 min Scan# 910

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

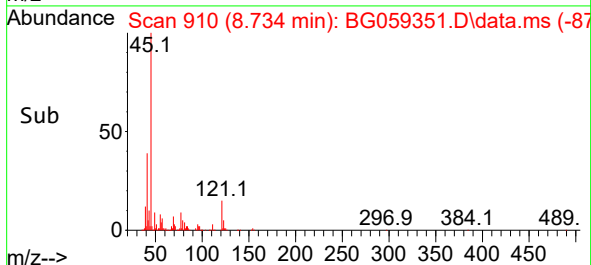
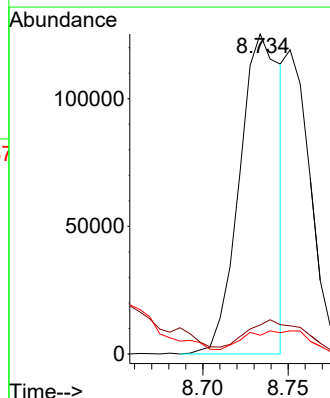
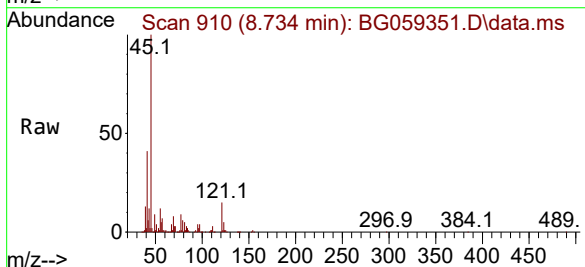
Tgt Ion: 45 Resp: 208614

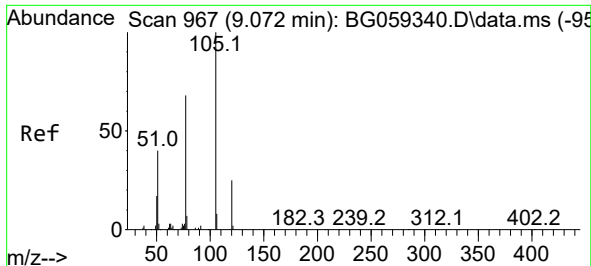
Ion Ratio Lower Upper

45 100

77 9.0 6.6 10.0

79 5.9 5.8 8.8

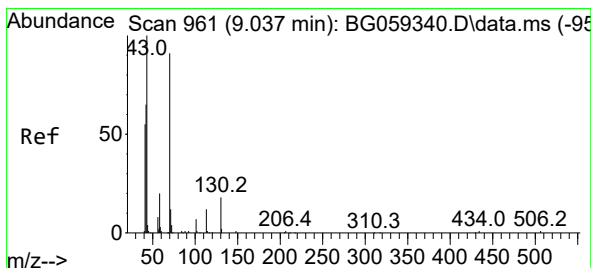
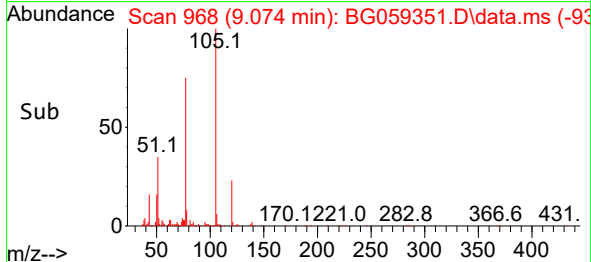
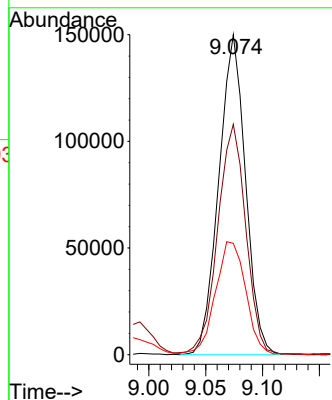
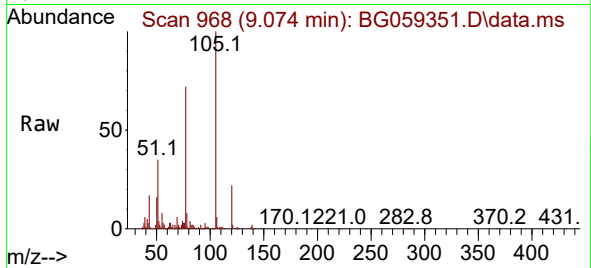




#16
Acetophenone
Concen: 45.510 ng/ul
RT: 9.074 min Scan# 967
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

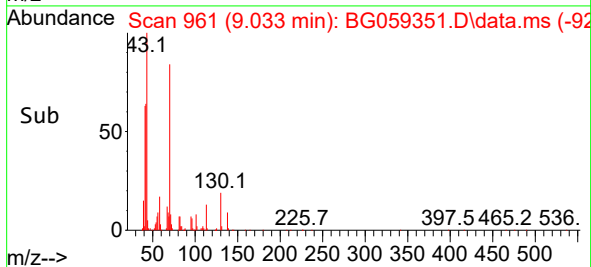
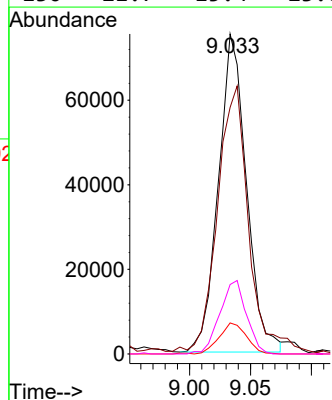
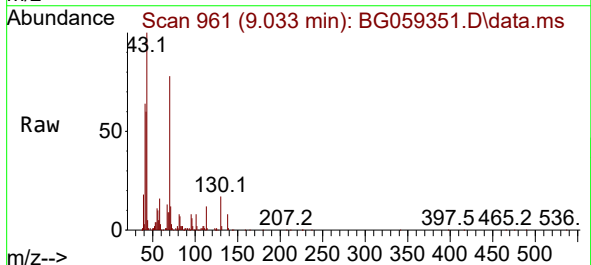
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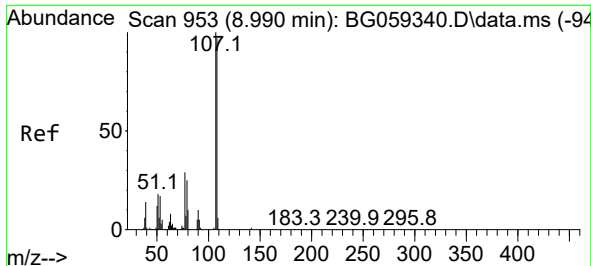
Tgt Ion:105 Resp: 245164
Ion Ratio Lower Upper
105 100
77 72.0 55.2 82.8
51 34.8 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 44.903 ng/ul
RT: 9.033 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion: 70 Resp: 120530
Ion Ratio Lower Upper
70 100
42 77.0 58.2 87.4
101 9.7 6.4 9.6#
130 21.7 15.4 23.0

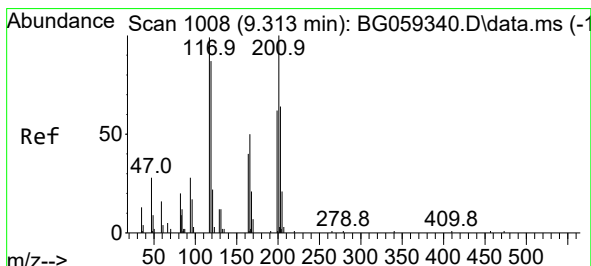
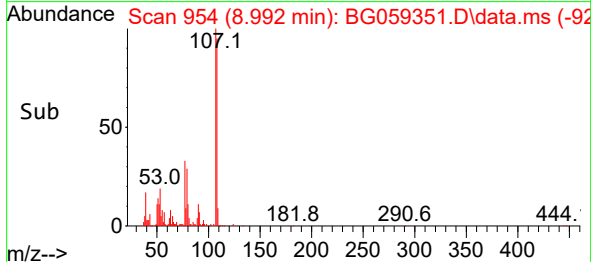
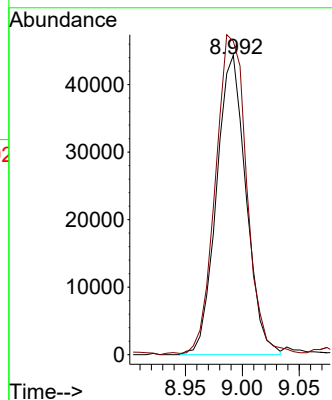
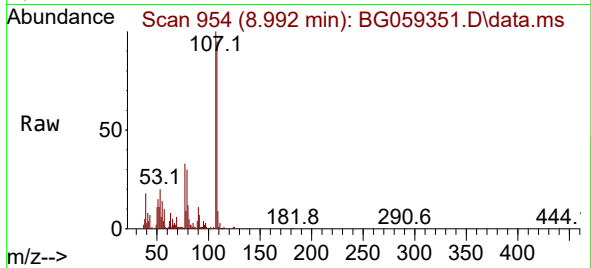




#18
4-Methylphenol
Concen: 21.704 ng/ul
RT: 8.992 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

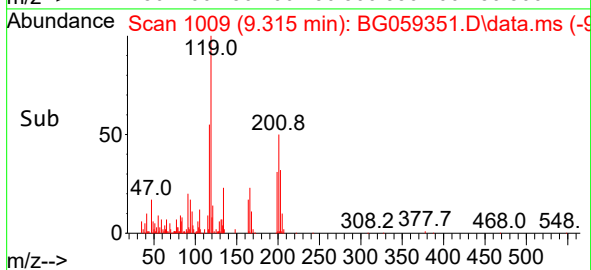
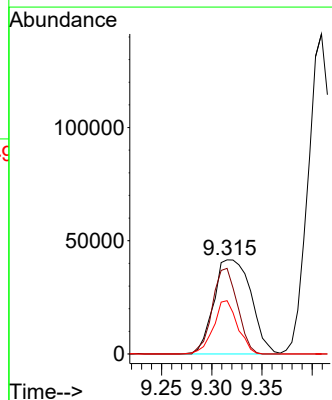
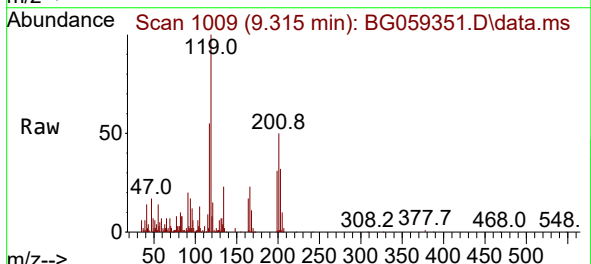
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

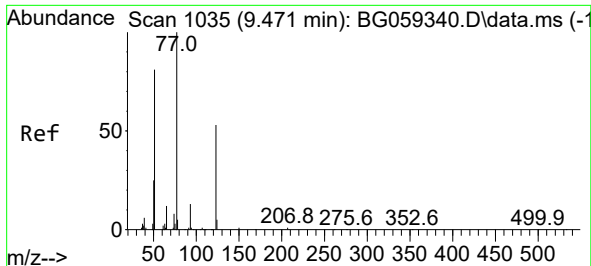
Tgt Ion:108 Resp: 80242
Ion Ratio Lower Upper
108 100
107 104.7 83.0 124.6



#19
Hexachloroethane
Concen: 88.118 ng/ul
RT: 9.315 min Scan# 1009
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:117 Resp: 107475
Ion Ratio Lower Upper
117 100
201 91.0 80.6 120.8
199 58.0 50.6 76.0

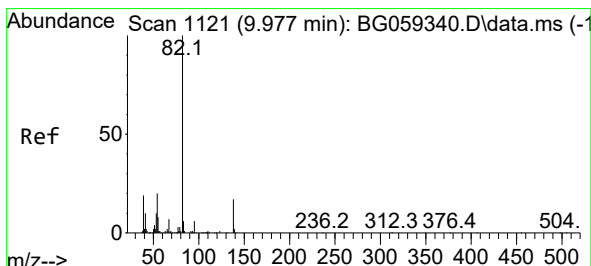
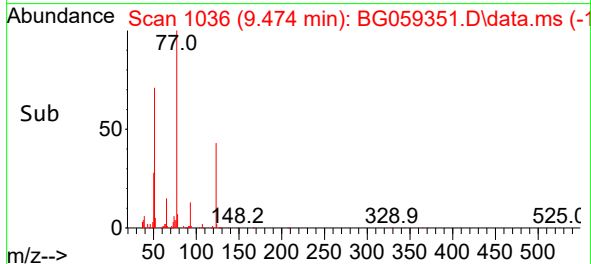
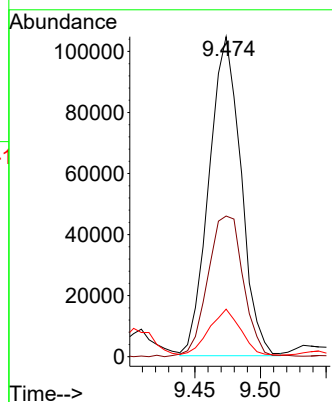
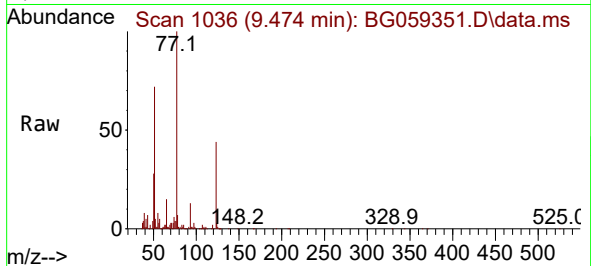




#22
Nitrobenzene
Concen: 45.035 ng/ul
RT: 9.474 min Scan# 1035
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

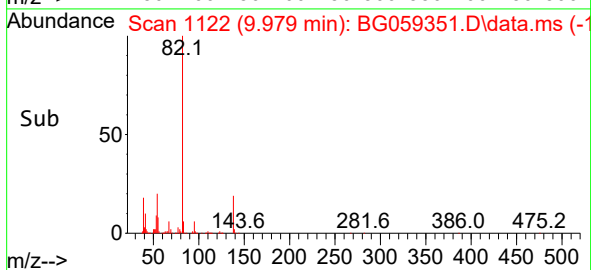
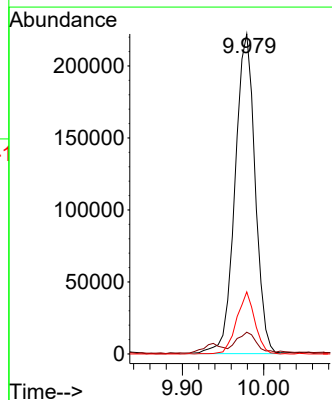
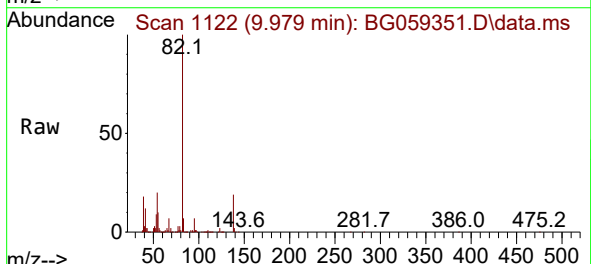
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

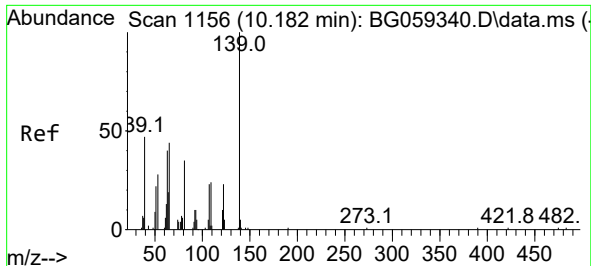
Tgt Ion: 77 Resp: 177343
Ion Ratio Lower Upper
77 100
123 43.9 42.2 63.4
65 14.9 9.8 14.6#



#23
Isophorone
Concen: 45.301 ng/ul
RT: 9.979 min Scan# 1122
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion: 82 Resp: 380927
Ion Ratio Lower Upper
82 100
95 6.8 4.7 7.1
138 19.4 13.5 20.3

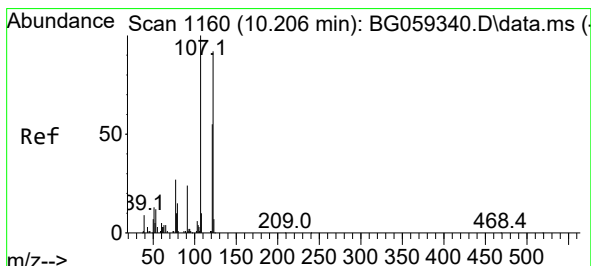
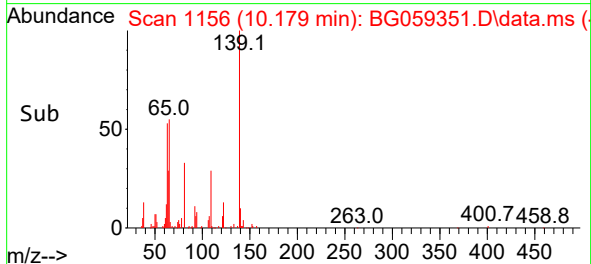
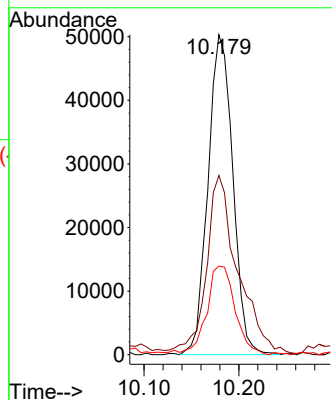
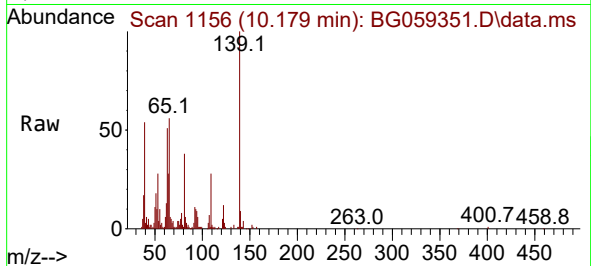




#25
2-Nitrophenol
Concen: 45.590 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

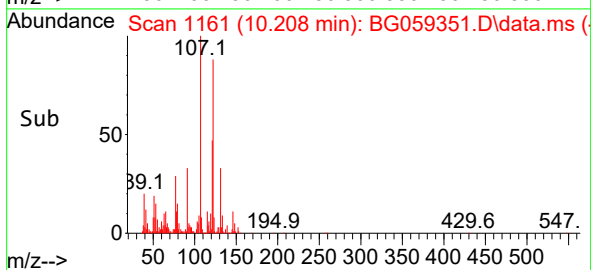
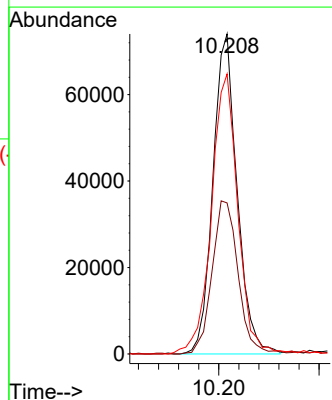
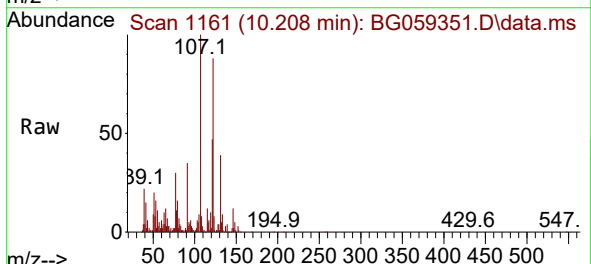
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

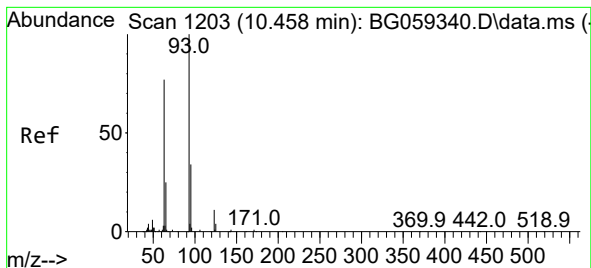
Tgt Ion:139 Resp: 91412
Ion Ratio Lower Upper
139 100
65 56.0 39.0 58.4
109 27.7 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 31.343 ng/ul
RT: 10.208 min Scan# 1161
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:107 Resp: 123977
Ion Ratio Lower Upper
107 100
121 47.2 43.9 65.9
122 87.5 74.1 111.1

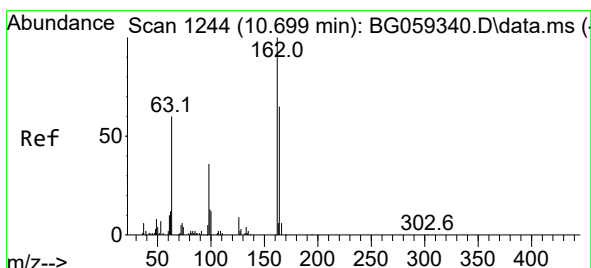
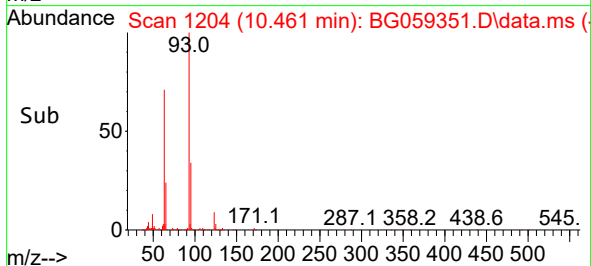
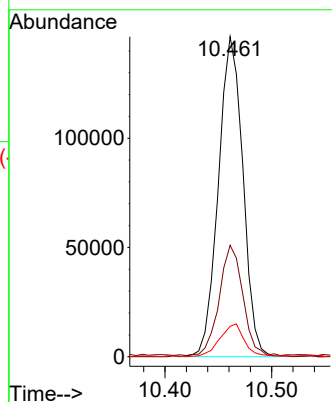
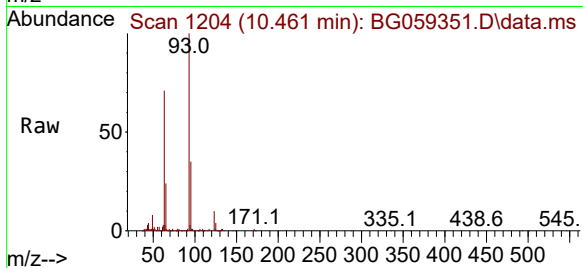




#27
 Bis(2-Chloroethoxy)methane
 Concen: 46.280 ng/ul
 RT: 10.461 min Scan# 1204
 Delta R.T. 0.002 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

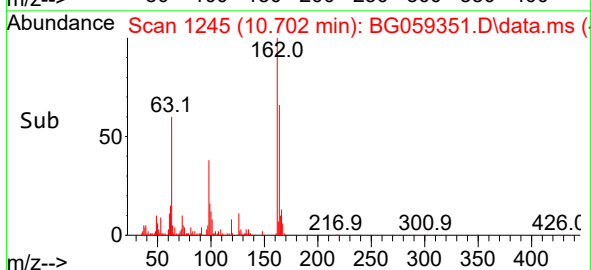
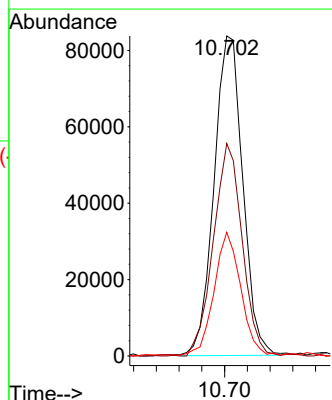
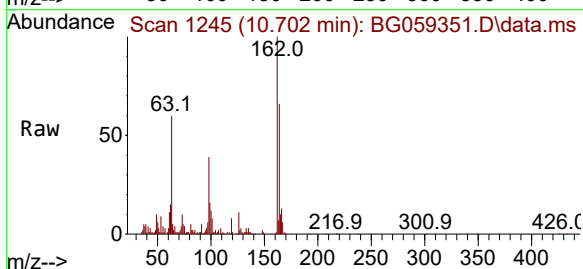
Instrument :
 BNA_G
 ClientSampleId :
 BBJQ2MSD

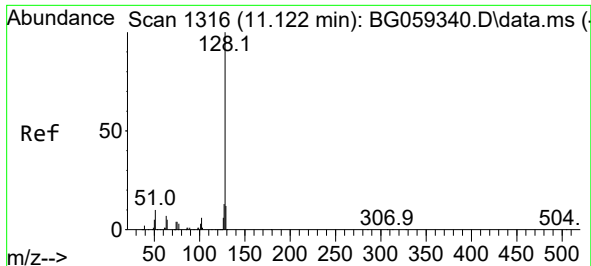
Tgt Ion: 93 Resp: 233856
 Ion Ratio Lower Upper
 93 100
 95 34.8 27.0 40.6
 123 9.5 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 41.570 ng/ul
 RT: 10.702 min Scan# 1245
 Delta R.T. 0.002 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

Tgt Ion:162 Resp: 146893
 Ion Ratio Lower Upper
 162 100
 164 66.4 53.5 80.3
 98 38.6 28.5 42.7

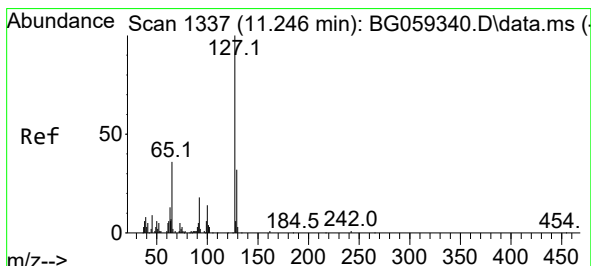
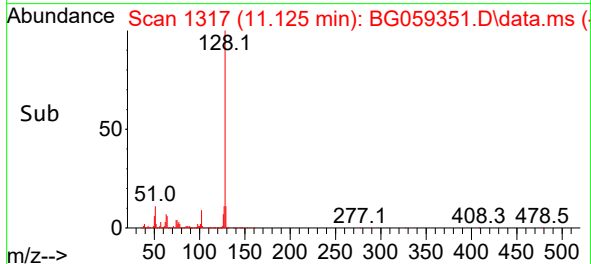
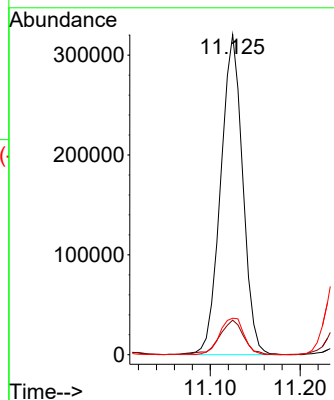
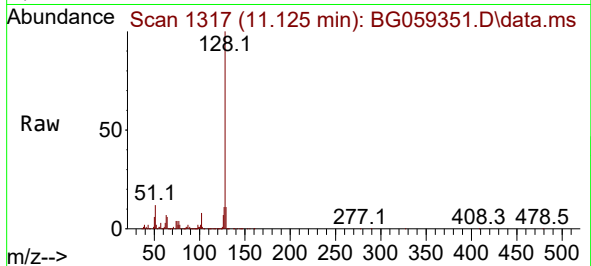




#30
Naphthalene
Concen: 44.721 ng/ul
RT: 11.125 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

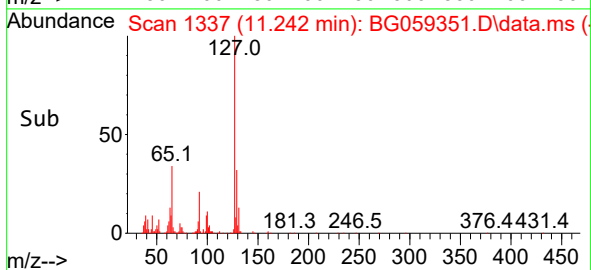
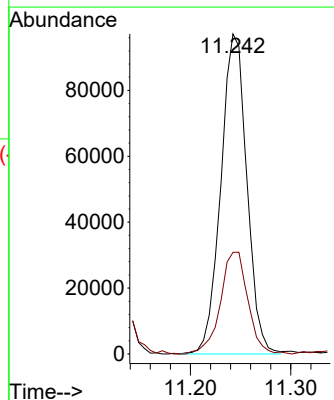
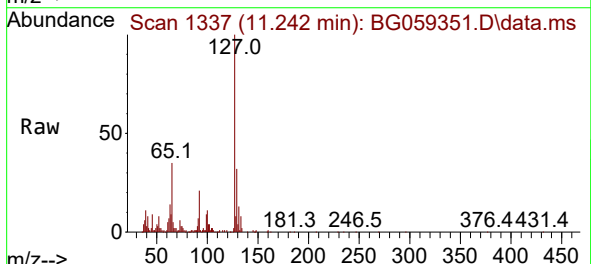
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

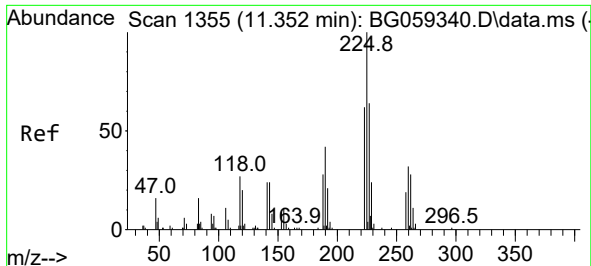
Tgt Ion:128 Resp: 545779
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 11.4 10.4 15.6



#32
4-Chloroaniline
Concen: 33.143 ng/ul
RT: 11.242 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:127 Resp: 174769
Ion Ratio Lower Upper
127 100
129 31.8 25.9 38.9

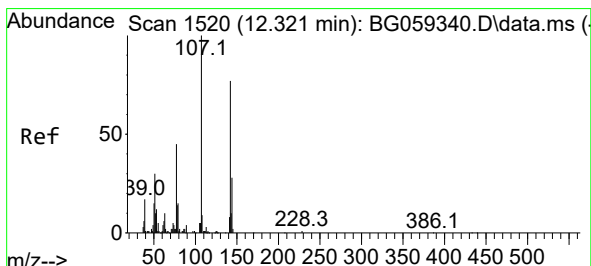
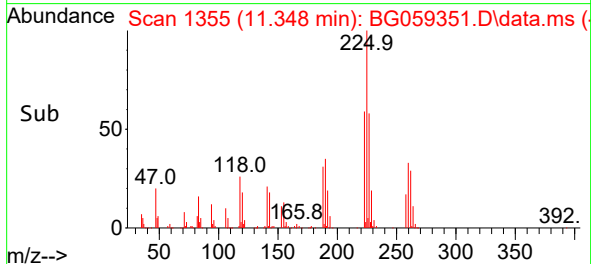
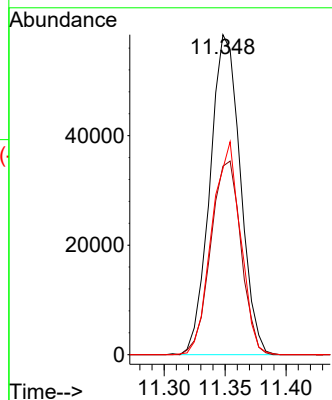
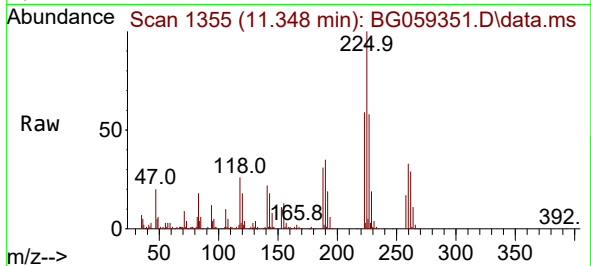




#33
Hexachlorobutadiene
Concen: 47.467 ng/ul
RT: 11.348 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

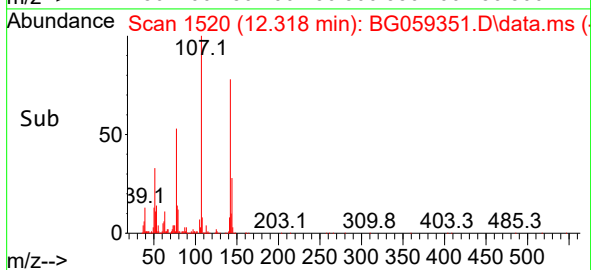
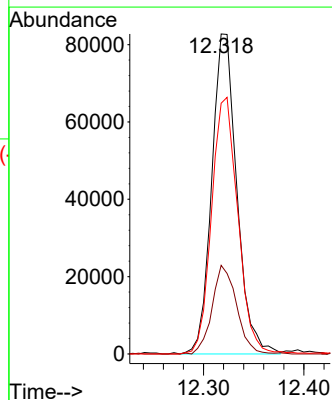
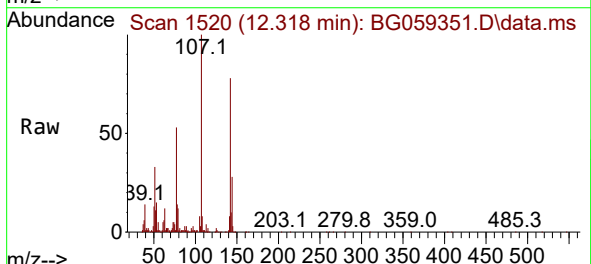
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

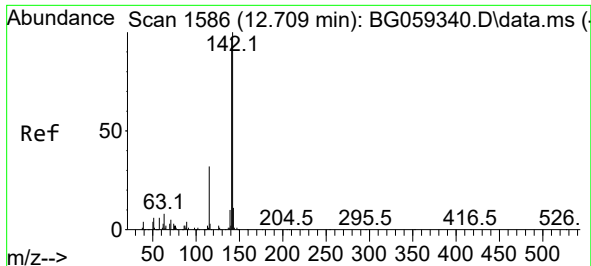
Tgt Ion:225 Resp: 101272
Ion Ratio Lower Upper
225 100
223 58.9 48.2 72.2
227 58.1 49.5 74.3



#35
4-Chloro-3-methylphenol
Concen: 37.993 ng/ul
RT: 12.318 min Scan# 1520
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:107 Resp: 144061
Ion Ratio Lower Upper
107 100
144 27.7 22.0 33.0
142 78.4 61.6 92.4

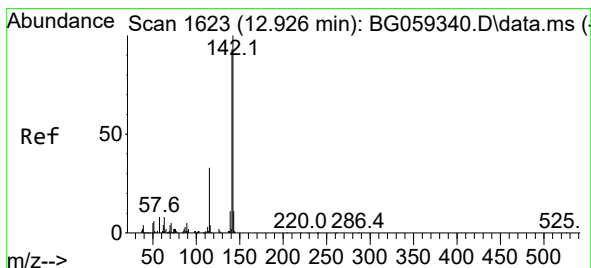
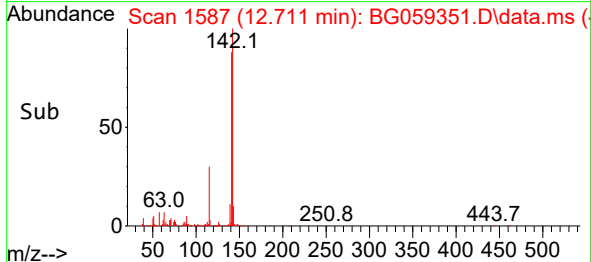
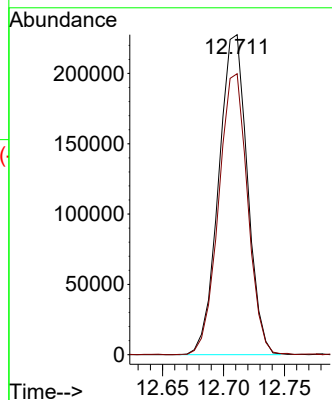
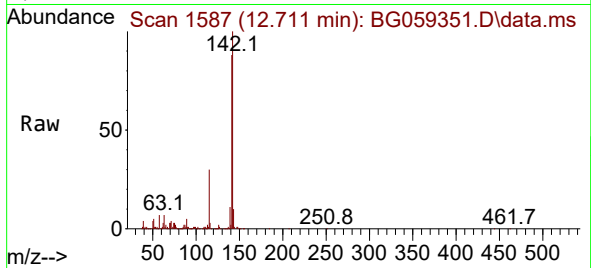




#36
2-Methylnaphthalene
Concen: 45.874 ng/ul
RT: 12.711 min Scan# 1586
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

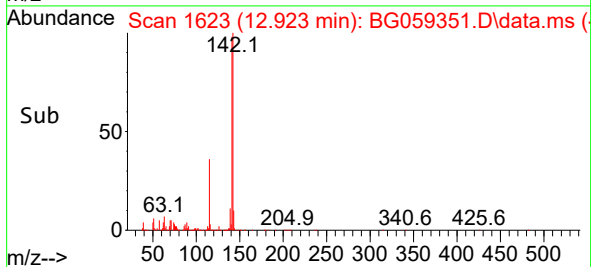
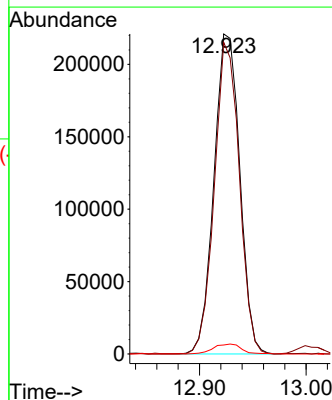
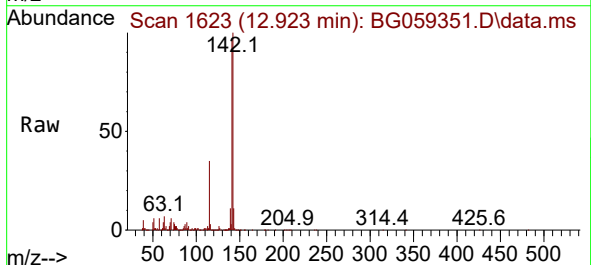
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

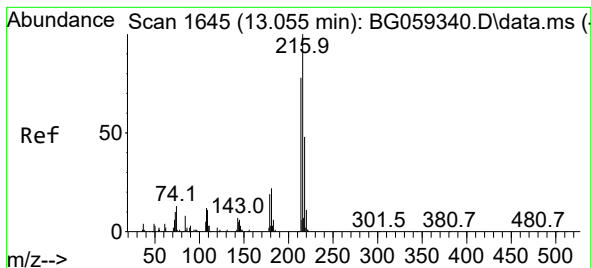
Tgt Ion:142 Resp: 373225
Ion Ratio Lower Upper
142 100
141 87.8 77.8 116.6



#37
1-Methylnaphthalene
Concen: 43.939 ng/ul
RT: 12.923 min Scan# 1623
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:142 Resp: 371166
Ion Ratio Lower Upper
142 100
141 97.3 74.3 111.5
116 2.8 2.9 4.3#





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.589 ng/ul

RT: 13.052 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

Tgt Ion:216 Resp: 198849

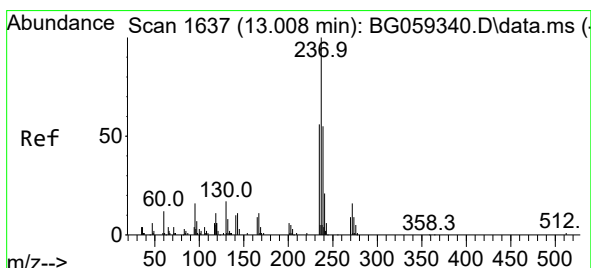
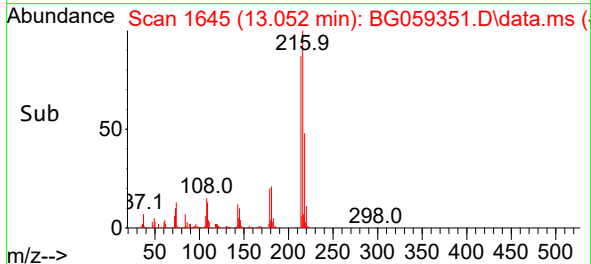
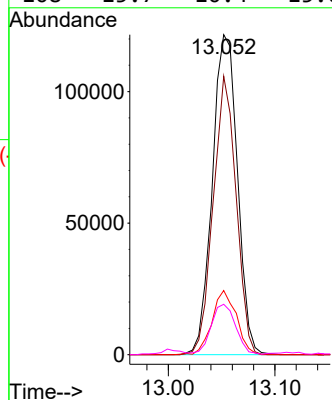
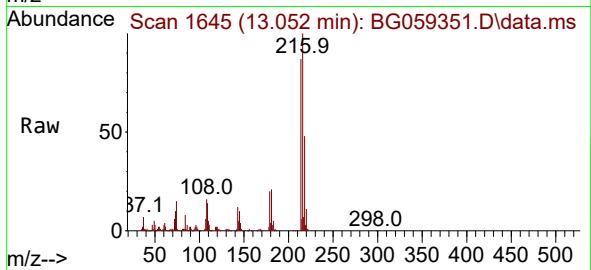
Ion Ratio Lower Upper

216 100

214 87.0 63.0 94.6

179 20.1 15.0 22.6

108 15.7 10.4 15.6#



#40

Hexachlorocyclopentadiene

Concen: 33.430 ng/ul

RT: 13.005 min Scan# 1637

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

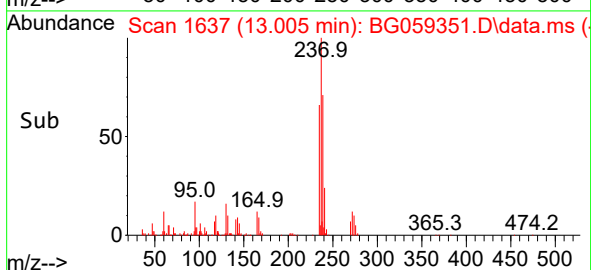
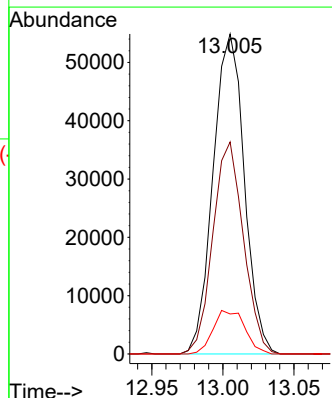
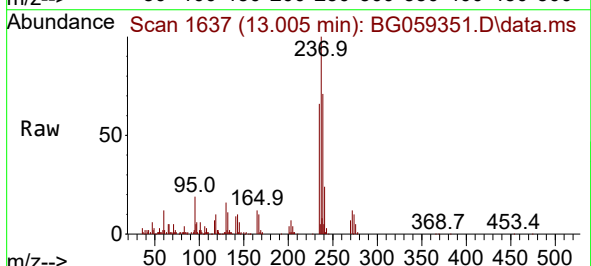
Tgt Ion:237 Resp: 83860

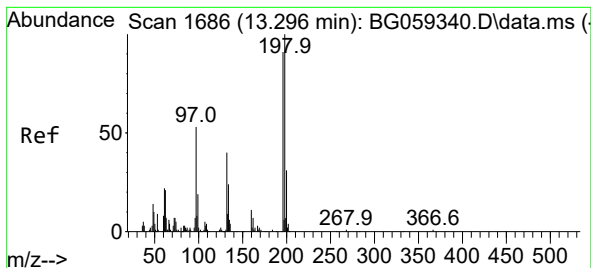
Ion Ratio Lower Upper

237 100

235 66.3 48.4 72.6

272 12.9 13.3 19.9#





#41

2,4,6-Trichlorophenol

Concen: 47.129 ng/ul

RT: 13.299 min Scan# 1

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

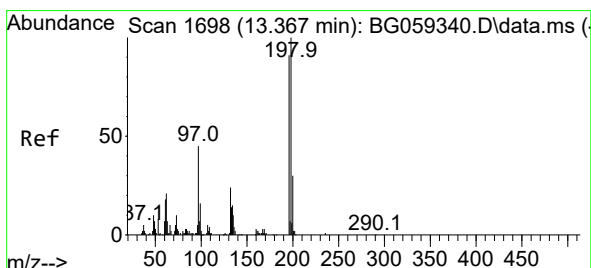
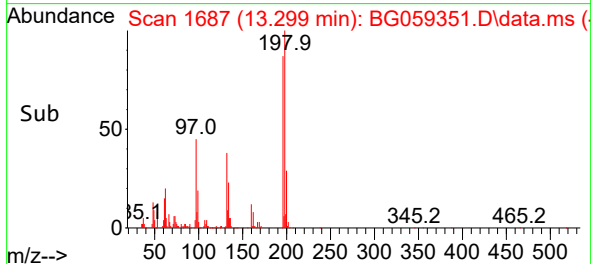
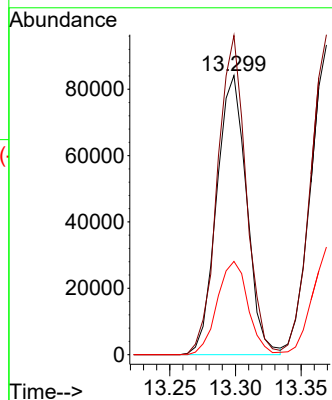
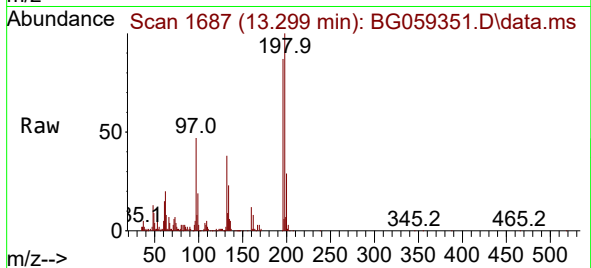
Tgt Ion:196 Resp: 133621

Ion Ratio Lower Upper

196 100

198 114.4 88.6 132.8

200 33.4 27.2 40.8



#42

2,4,5-Trichlorophenol

Concen: 47.438 ng/ul

RT: 13.369 min Scan# 1699

Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

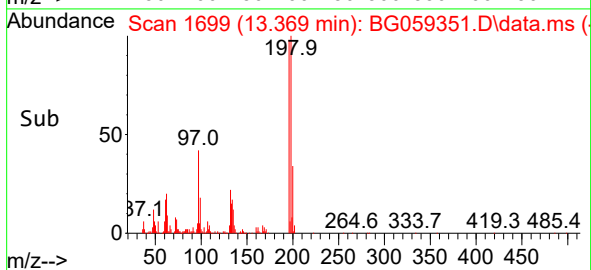
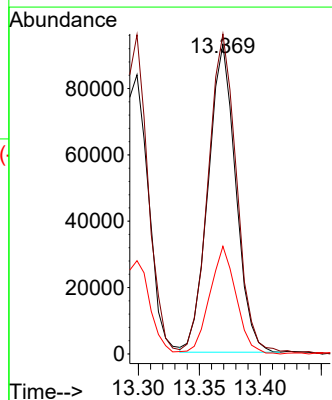
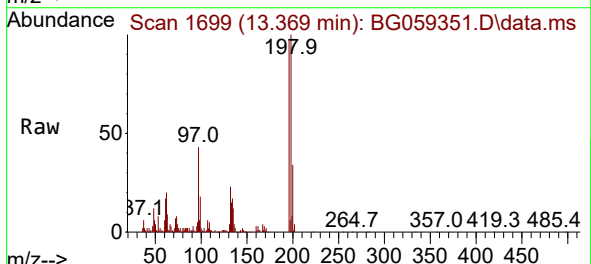
Tgt Ion:196 Resp: 146075

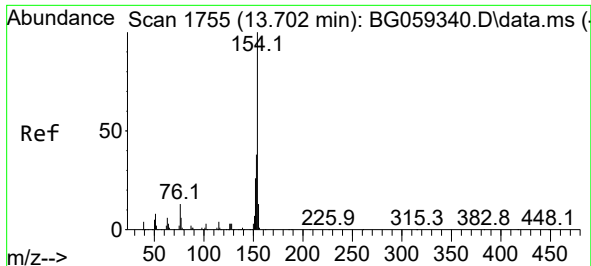
Ion Ratio Lower Upper

196 100

198 103.3 87.8 131.8

200 34.7 26.4 39.6

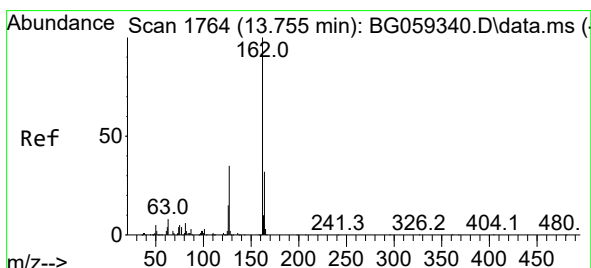
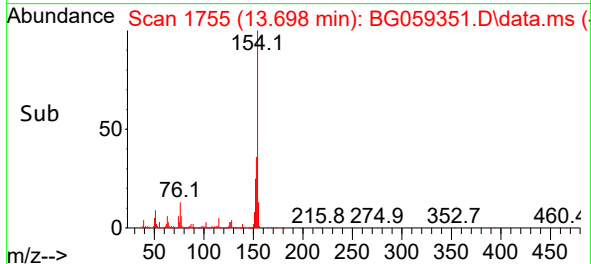
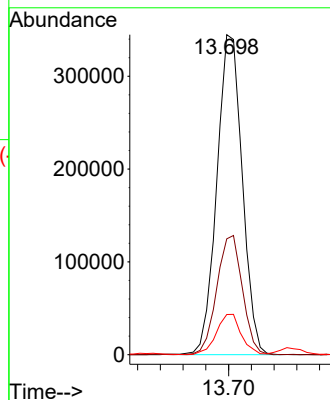
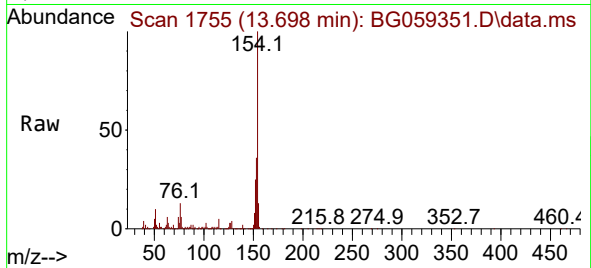




#43
1,1'-Biphenyl
Concen: 46.323 ng/ul
RT: 13.698 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

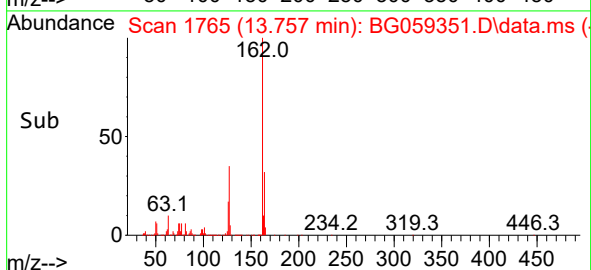
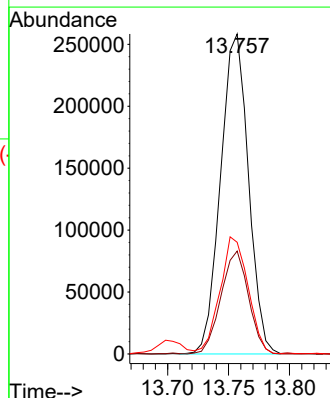
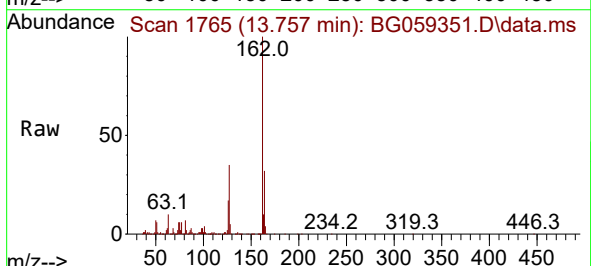
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

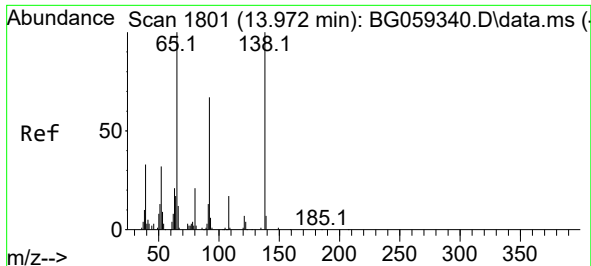
Tgt Ion:154 Resp: 534818
Ion Ratio Lower Upper
154 100
153 36.2 30.1 45.1
76 12.6 10.3 15.5



#44
2-Chloronaphthalene
Concen: 46.336 ng/ul
RT: 13.757 min Scan# 1765
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:162 Resp: 411217
Ion Ratio Lower Upper
162 100
164 32.2 25.7 38.5
127 34.9 29.4 44.2

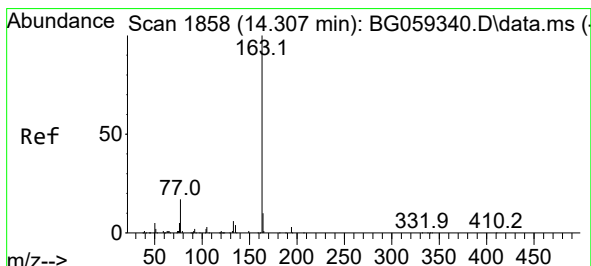
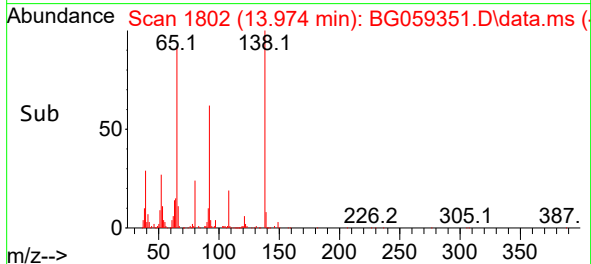
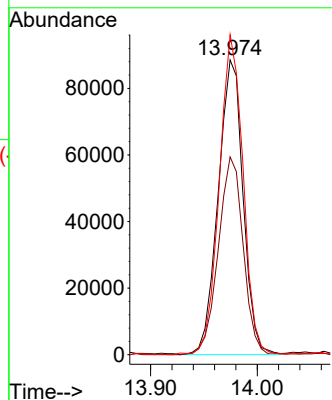
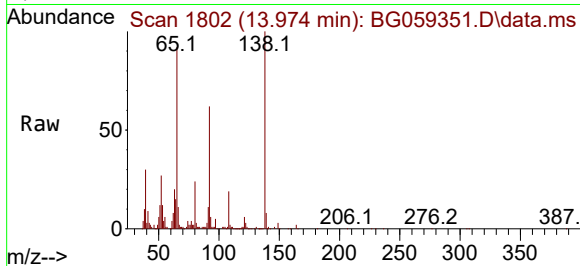




#45
2-Nitroaniline
Concen: 49.335 ng/ul
RT: 13.974 min Scan# 1801
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

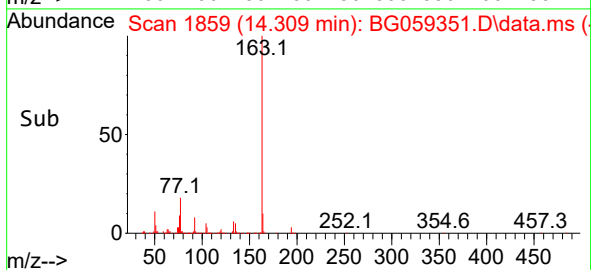
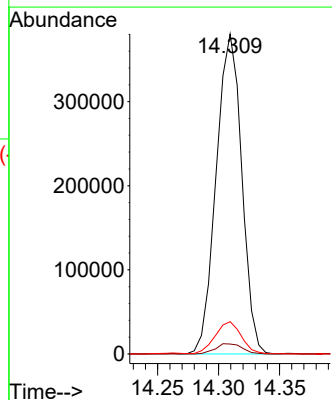
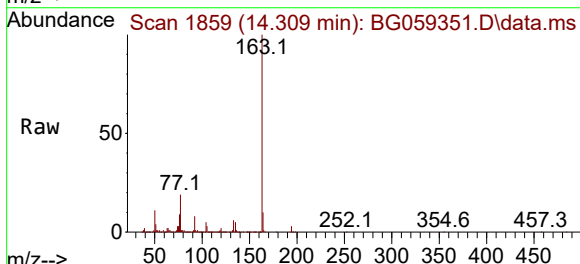
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

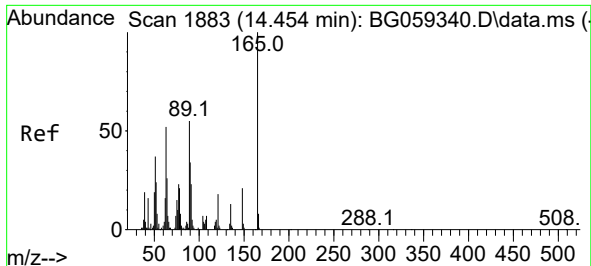
Tgt Ion: 65 Resp: 143372
Ion Ratio Lower Upper
65 100
92 67.1 53.8 80.8
138 108.6 80.0 120.0



#47
Dimethylphthalate
Concen: 48.072 ng/ul
RT: 14.309 min Scan# 1859
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:163 Resp: 555242
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 10.1 8.2 12.4

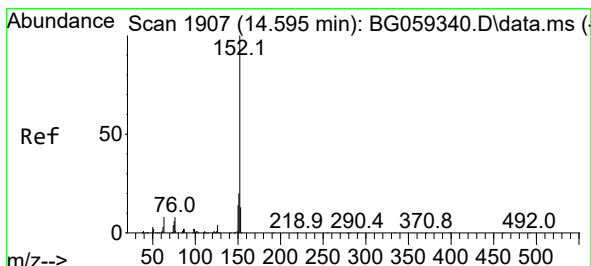
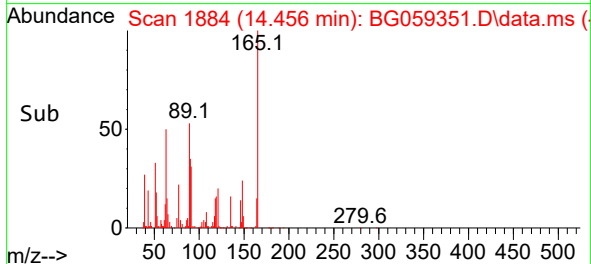
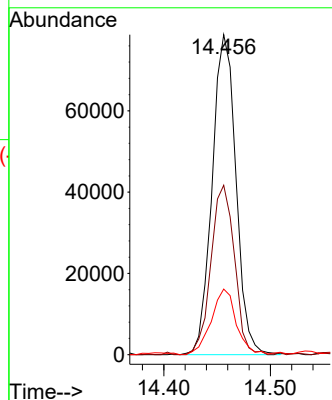
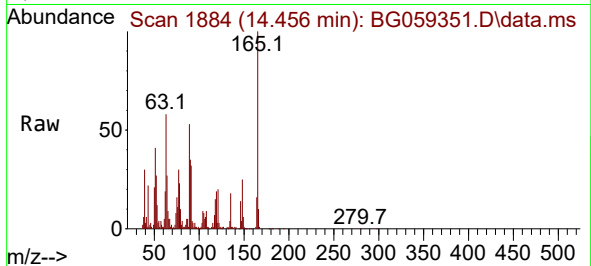




#48
2,6-Dinitrotoluene
Concen: 52.404 ng/ul
RT: 14.456 min Scan# 1883
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

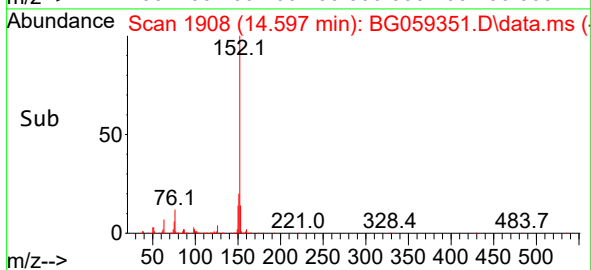
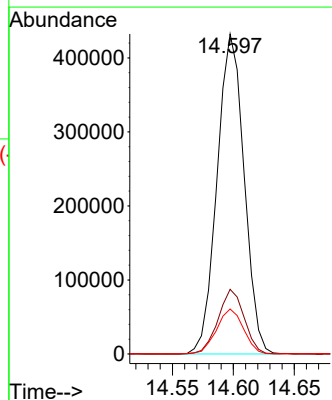
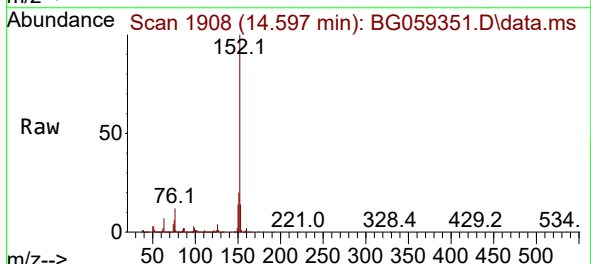
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

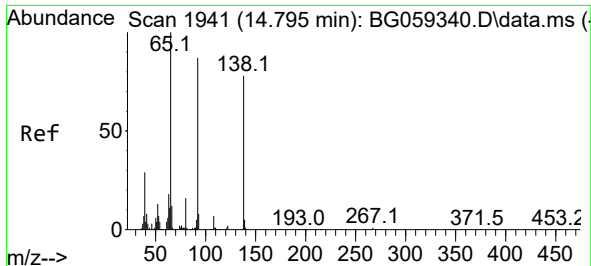
Tgt Ion:165 Resp: 122112
Ion Ratio Lower Upper
165 100
89 53.0 43.6 65.4
121 20.5 14.7 22.1



#50
Acenaphthylene
Concen: 45.373 ng/ul
RT: 14.597 min Scan# 1908
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:152 Resp: 667027
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 14.0 10.3 15.5

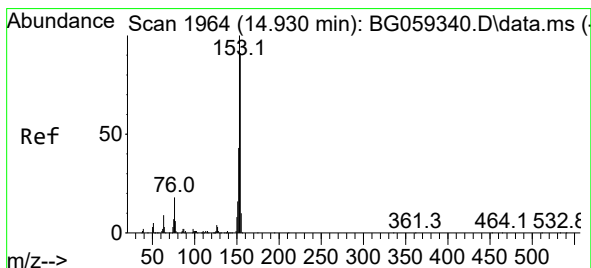
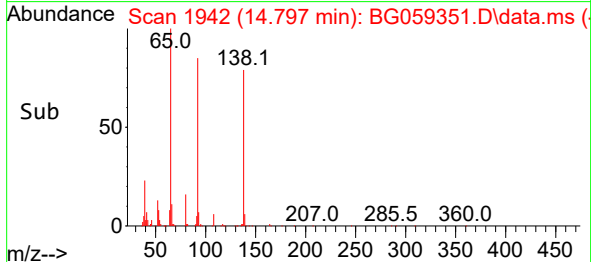
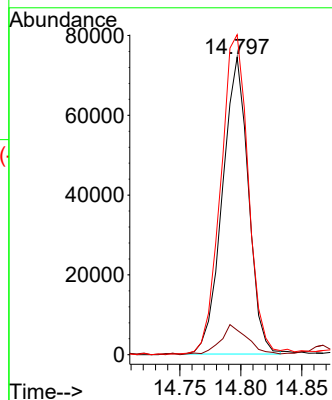
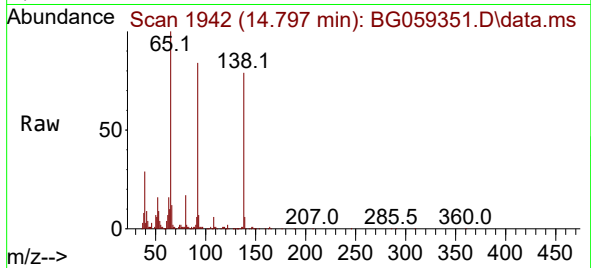




#51
3-Nitroaniline
Concen: 48.458 ng/ul
RT: 14.797 min Scan# 1942
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

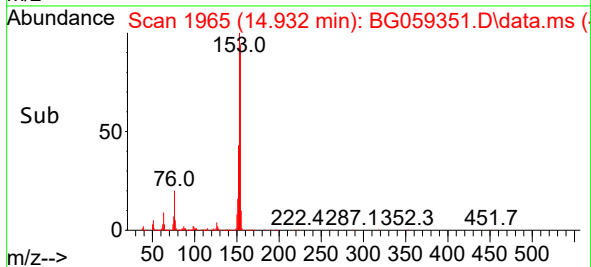
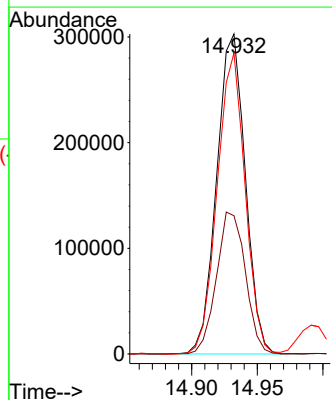
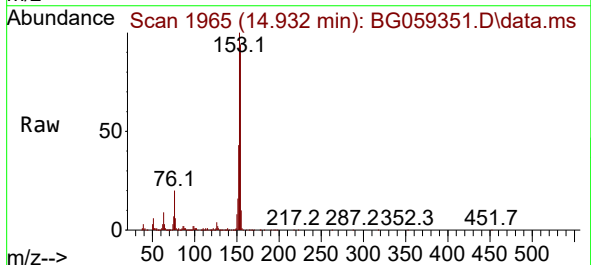
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

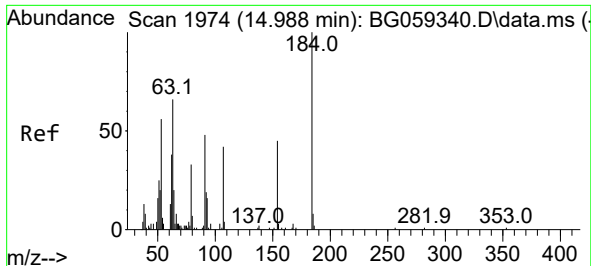
Tgt Ion:138 Resp: 110567
Ion Ratio Lower Upper
138 100
108 8.3 7.4 11.0
92 107.5 89.1 133.7



#52
Acenaphthene
Concen: 46.136 ng/ul
RT: 14.932 min Scan# 1965
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:153 Resp: 458908
Ion Ratio Lower Upper
153 100
152 43.2 34.6 52.0
154 94.1 73.0 109.4

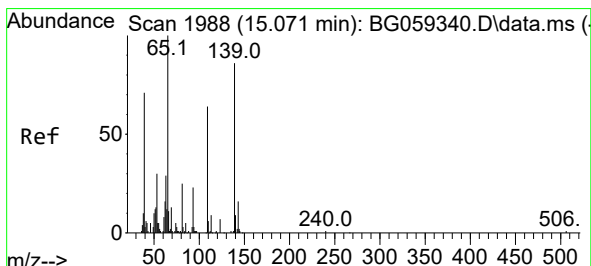
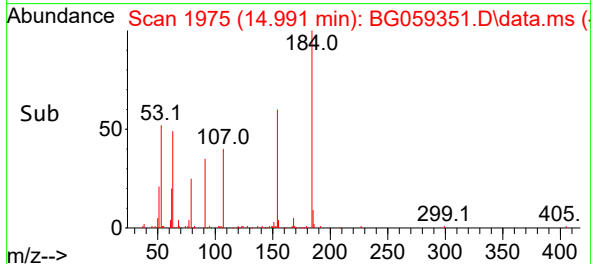
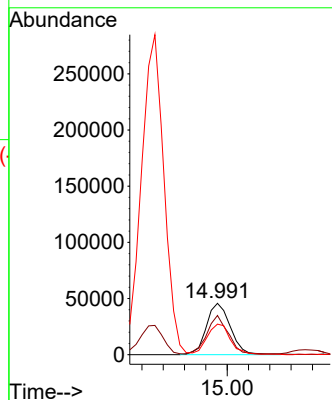
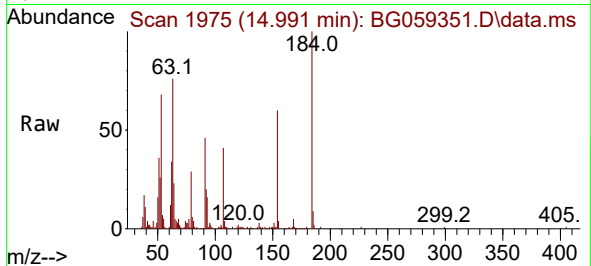




#53
2,4-Dinitrophenol
Concen: 42.799 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

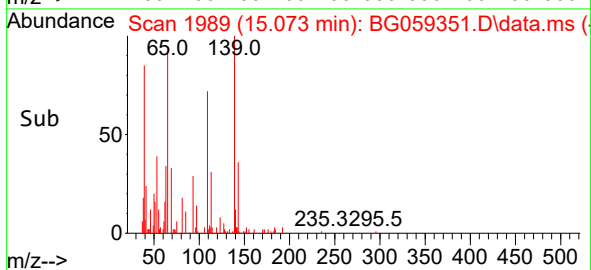
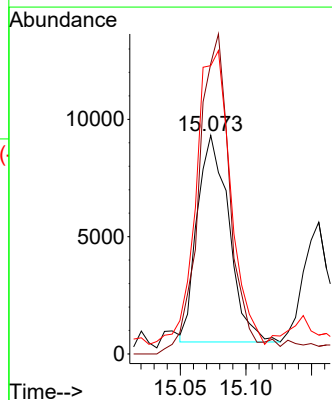
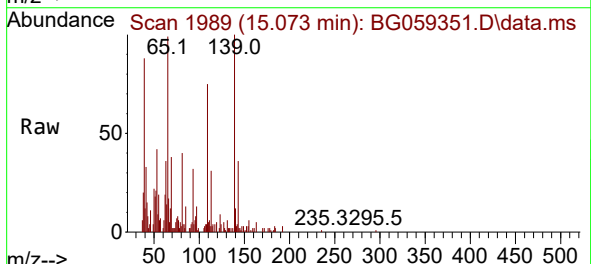
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

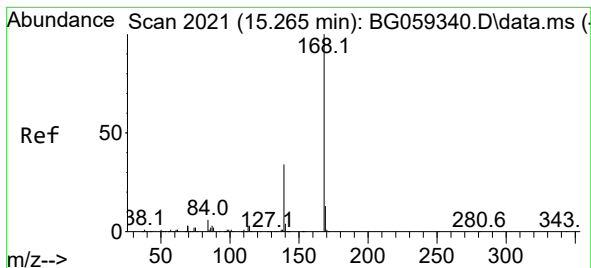
Tgt Ion:184 Resp: 71636
Ion Ratio Lower Upper
184 100
63 76.3 54.9 82.3
154 59.6 44.9 67.3



#55
4-Nitrophenol
Concen: 10.177 ng/ul
RT: 15.073 min Scan# 1989
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:109 Resp: 14788
Ion Ratio Lower Upper
109 100
139 132.9 107.9 161.9
65 131.9 126.6 189.8





#56

Dibenzenofuran

Concen: 46.315 ng/ul

RT: 15.261 min Scan# 20

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

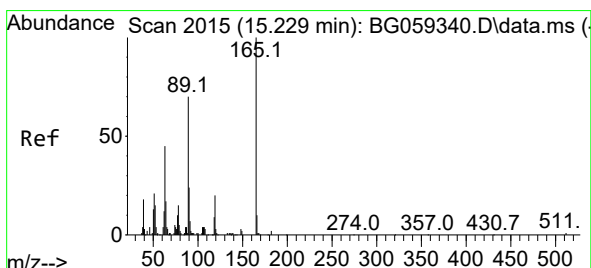
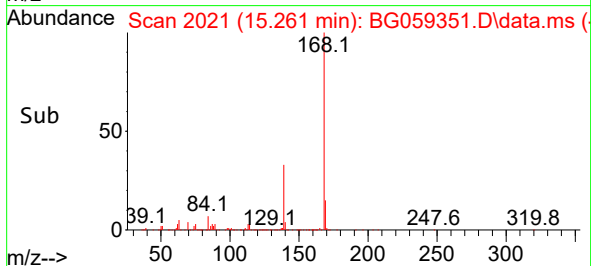
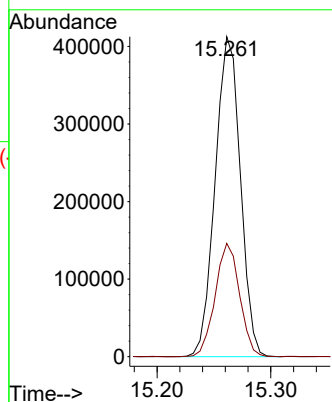
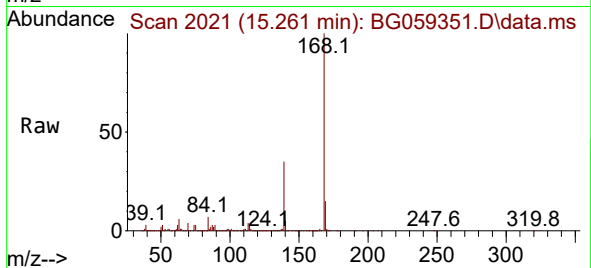
BBJQ2MSD

Tgt Ion:168 Resp: 635650

Ion Ratio Lower Upper

168 100

139 35.4 27.4 41.2



#57

2,4-Dinitrotoluene

Concen: 48.369 ng/ul

RT: 15.232 min Scan# 2016

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

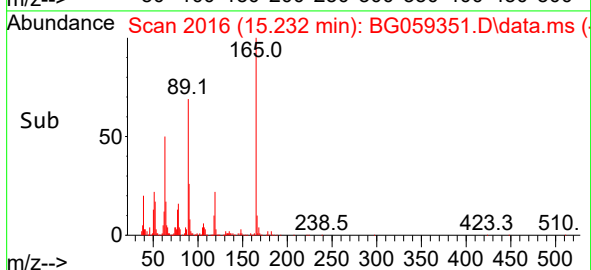
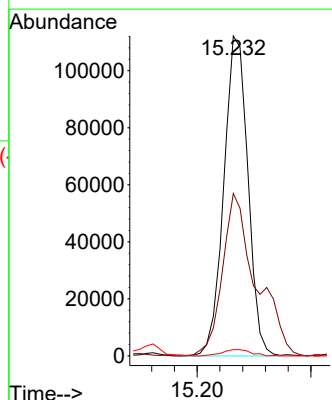
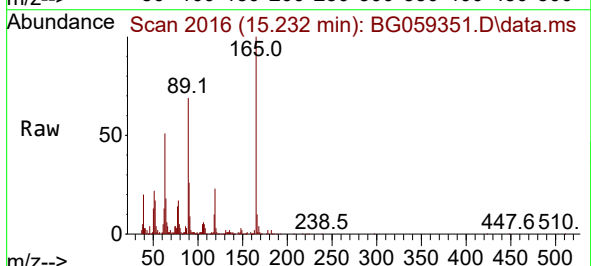
Tgt Ion:165 Resp: 165067

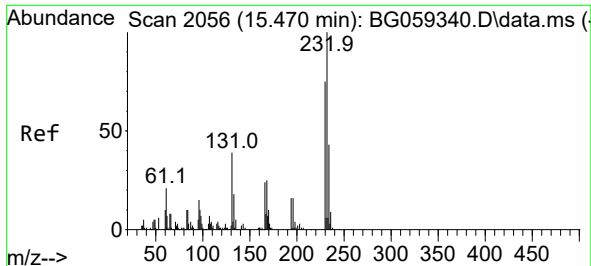
Ion Ratio Lower Upper

165 100

63 50.8 36.4 54.6

182 2.0 1.2 1.8#

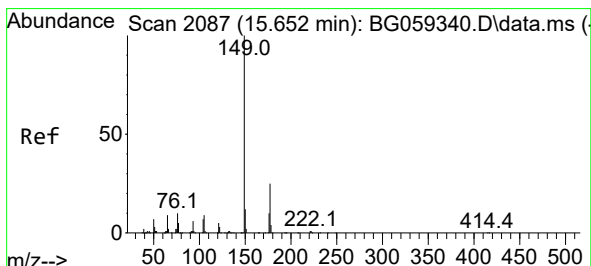
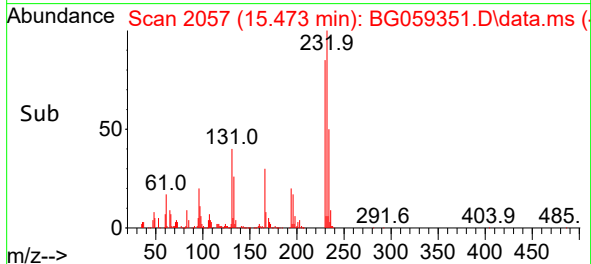
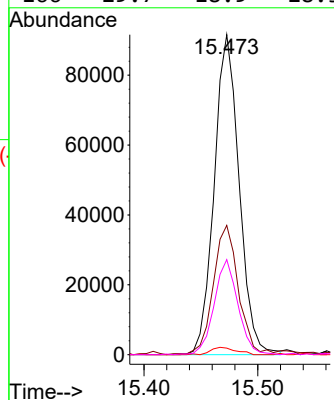
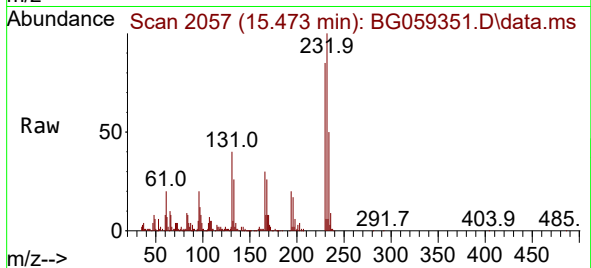




#58
2,3,4,6-Tetrachlorophenol
Concen: 47.242 ng/ul
RT: 15.473 min Scan# 2056
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

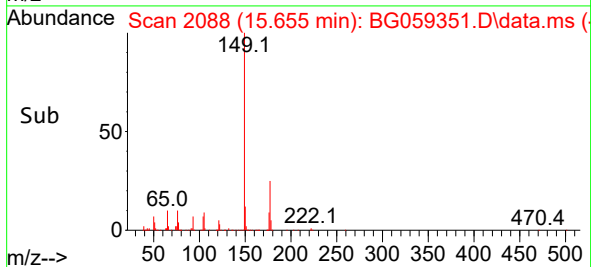
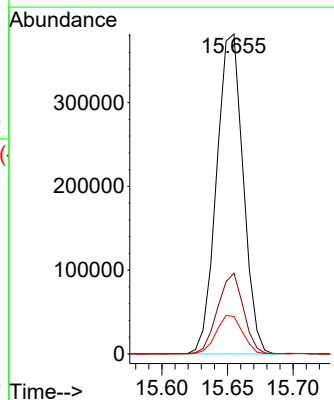
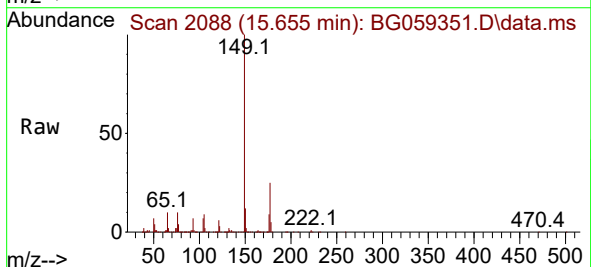
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

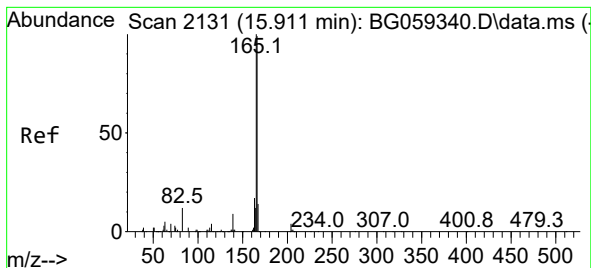
Tgt Ion:232 Resp: 139587
Ion Ratio Lower Upper
232 100
131 40.4 31.0 46.6
130 2.0 1.8 2.6
166 29.7 18.9 28.3#



#59
Diethylphthalate
Concen: 46.731 ng/ul
RT: 15.655 min Scan# 2088
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:149 Resp: 536824
Ion Ratio Lower Upper
149 100
177 25.3 20.1 30.1
150 11.7 9.4 14.2





#61

Fluorene

Concen: 47.382 ng/ul

RT: 15.907 min Scan# 2131

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

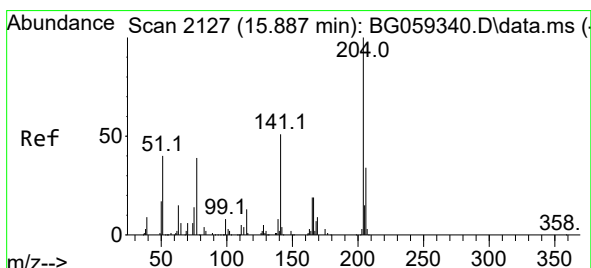
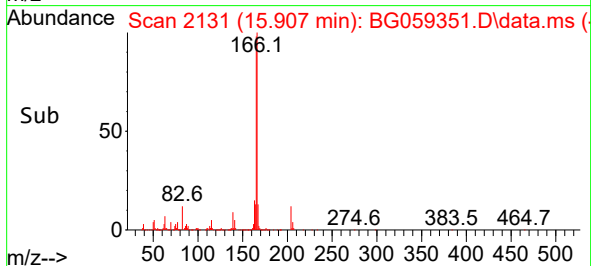
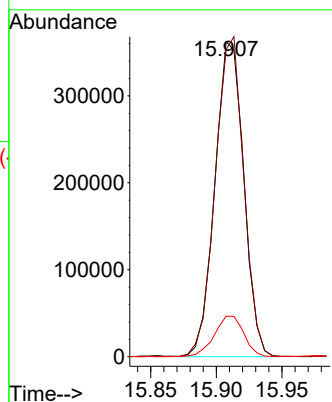
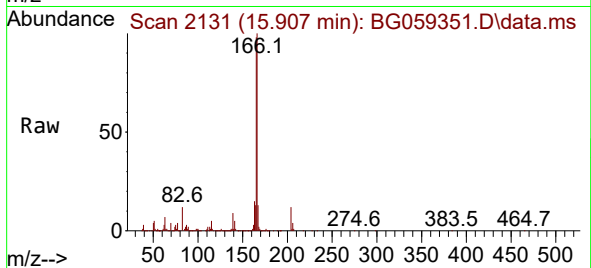
Tgt Ion:166 Resp: 553301

Ion Ratio Lower Upper

166 100

165 97.5 81.0 121.6

167 12.8 11.7 17.5



#62

4-Chlorophenyl-phenylether

Concen: 47.712 ng/ul

RT: 15.890 min Scan# 2128

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

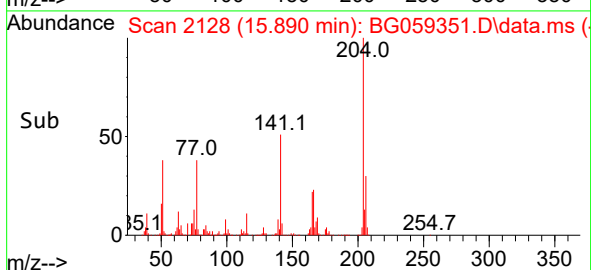
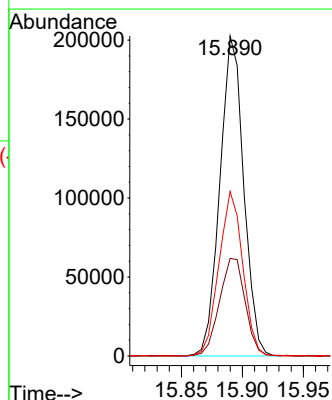
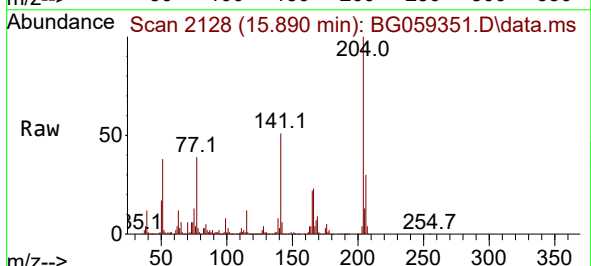
Tgt Ion:204 Resp: 275300

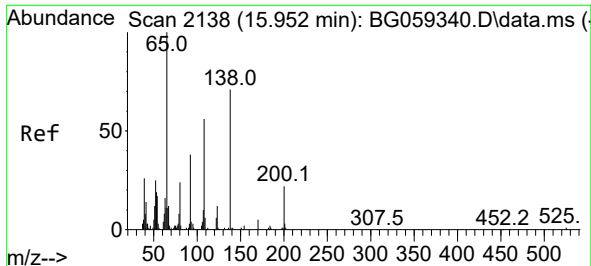
Ion Ratio Lower Upper

204 100

206 30.5 26.9 40.3

141 51.4 40.7 61.1

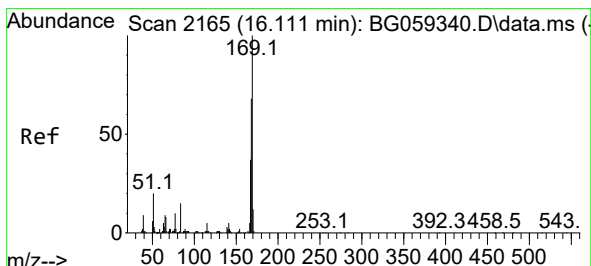
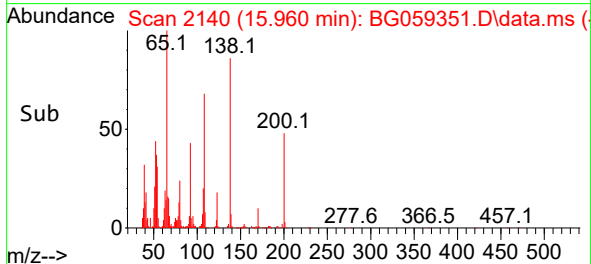
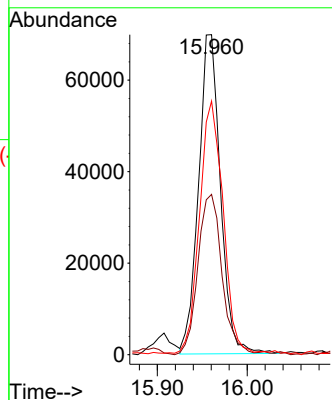
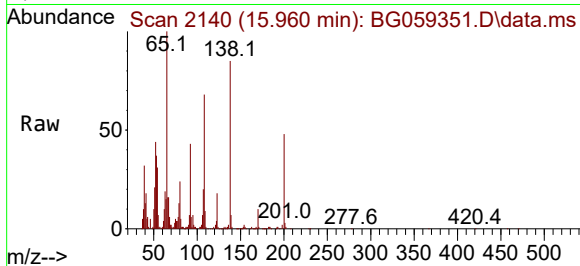




#63
4-Nitroaniline
Concen: 57.517 ng/ul
RT: 15.960 min Scan# 2138
Delta R.T. 0.008 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

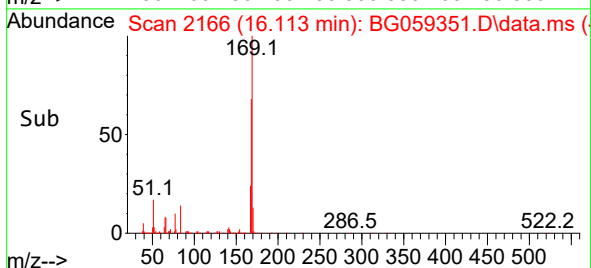
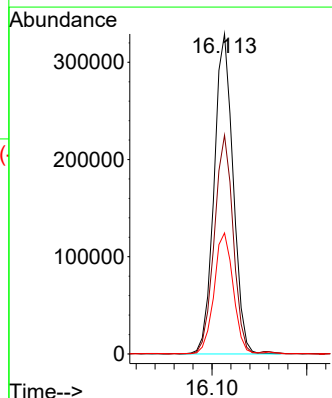
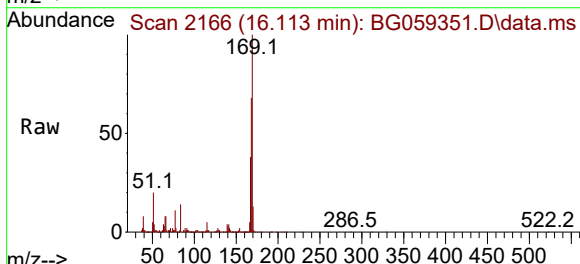
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

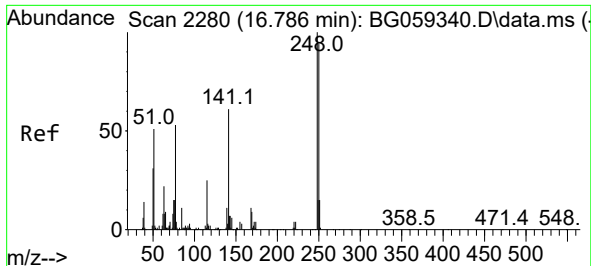
Tgt Ion:138 Resp: 118153
Ion Ratio Lower Upper
138 100
92 50.1 44.1 66.1
108 79.3 63.3 94.9



#67
N-Nitrosodiphenylamine
Concen: 22.905 ng/ul
RT: 16.113 min Scan# 2166
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:169 Resp: 459131
Ion Ratio Lower Upper
169 100
168 68.4 54.6 82.0
167 37.8 29.5 44.3

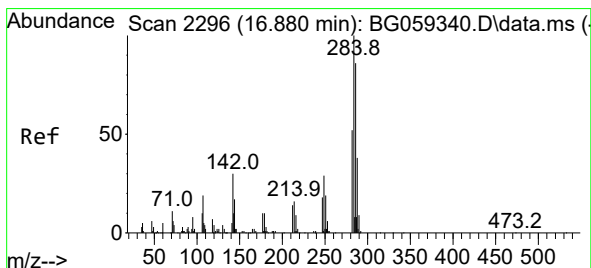
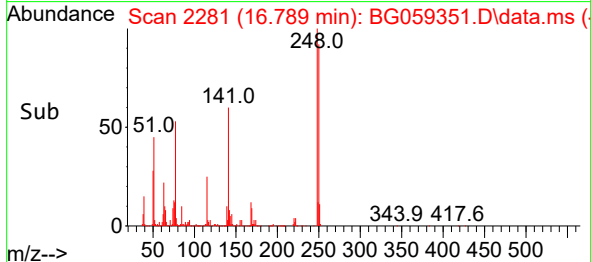
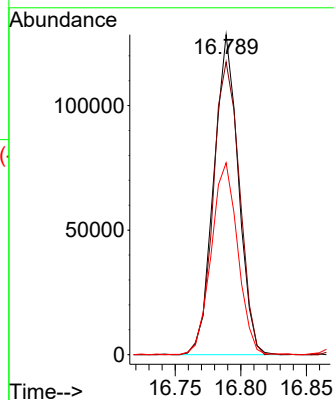
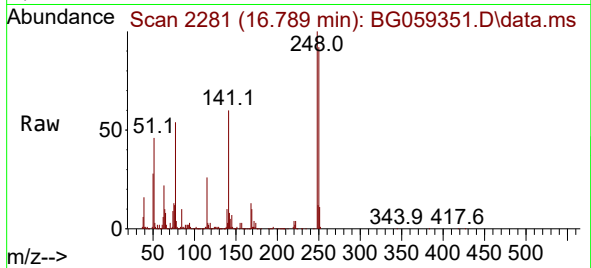




#68
4-Bromophenyl-phenylether
Concen: 22.282 ng/ul
RT: 16.789 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

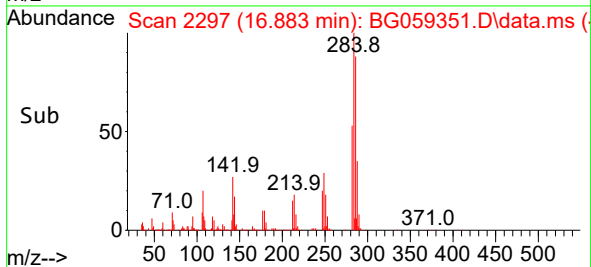
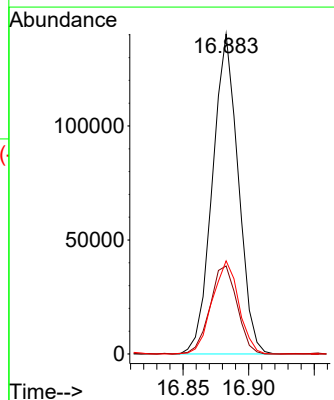
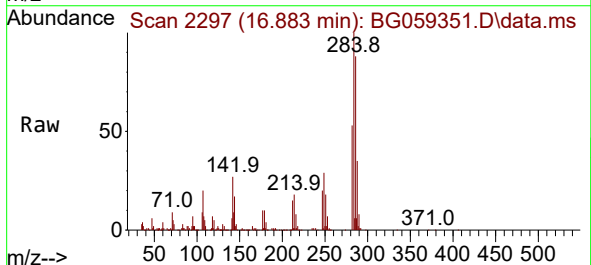
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

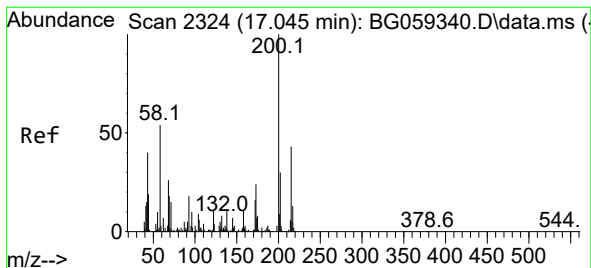
Tgt Ion:248 Resp: 167597
Ion Ratio Lower Upper
248 100
250 91.5 75.0 112.4
141 59.9 49.0 73.6



#69
Hexachlorobenzene
Concen: 22.298 ng/ul
RT: 16.883 min Scan# 2297
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:284 Resp: 191443
Ion Ratio Lower Upper
284 100
142 27.5 23.8 35.8
249 29.1 23.0 34.6





#70

Atrazine

Concen: 20.881 ng/ul

RT: 17.047 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

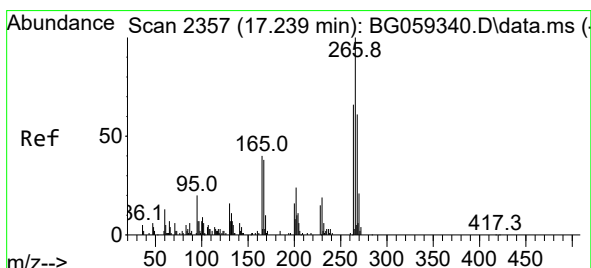
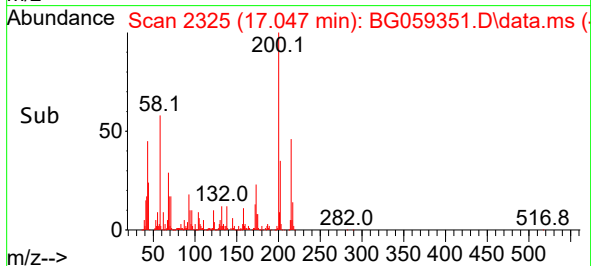
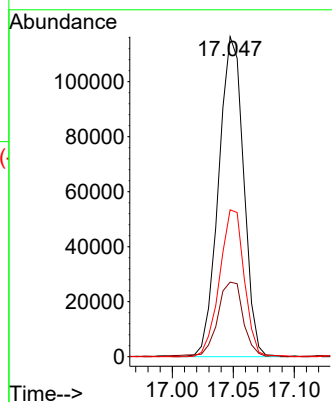
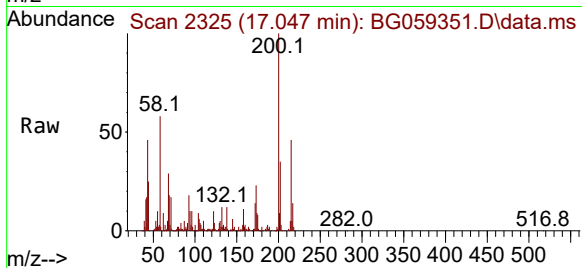
Tgt Ion:200 Resp: 165952

Ion Ratio Lower Upper

200 100

173 23.3 19.4 29.0

215 45.9 34.2 51.4



#71

Pentachlorophenol

Concen: 23.575 ng/ul

RT: 17.235 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

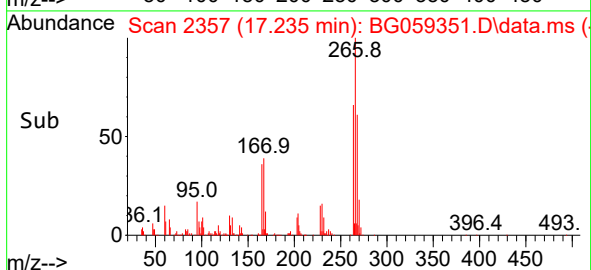
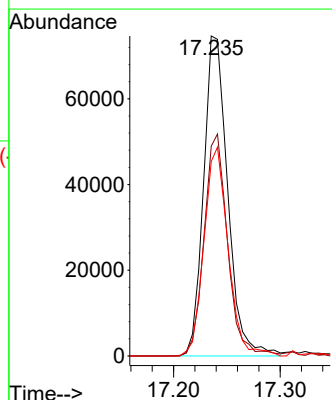
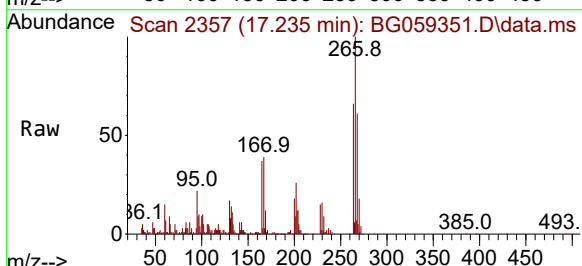
Tgt Ion:266 Resp: 117636

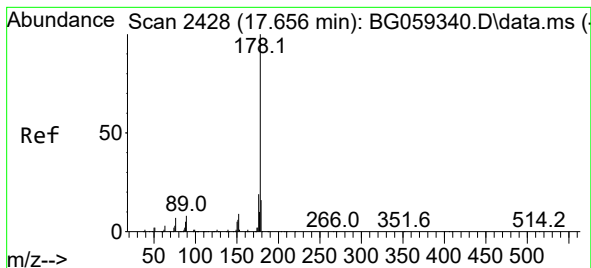
Ion Ratio Lower Upper

266 100

264 65.6 55.0 82.6

268 65.4 48.5 72.7





#72

Phenanthrene

Concen: 22.204 ng/ul

RT: 17.752 min Scan# 2445

Delta R.T. 0.097 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

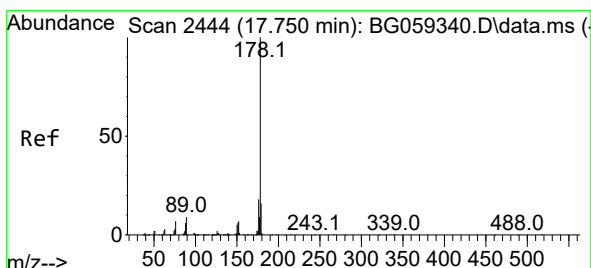
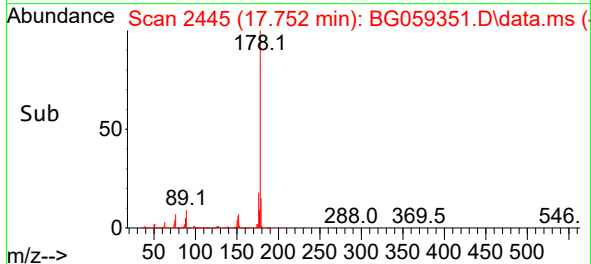
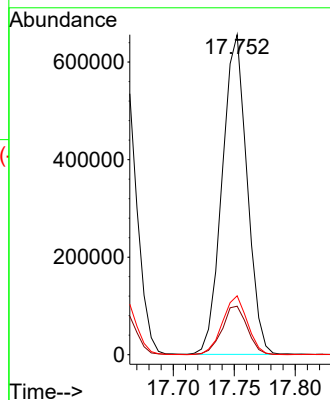
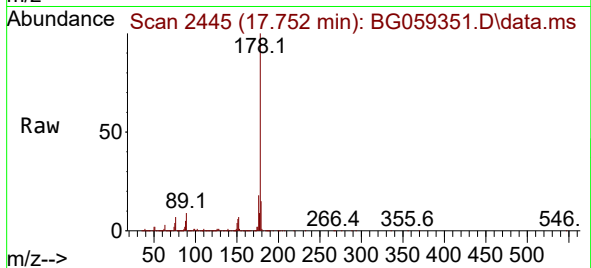
Tgt Ion:178 Resp: 931477

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 18.4 15.2 22.8



#74

Anthracene

Concen: 21.832 ng/ul

RT: 17.752 min Scan# 2445

Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

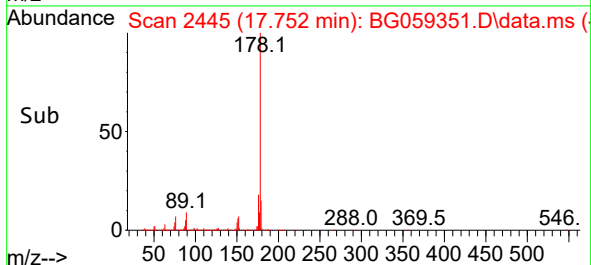
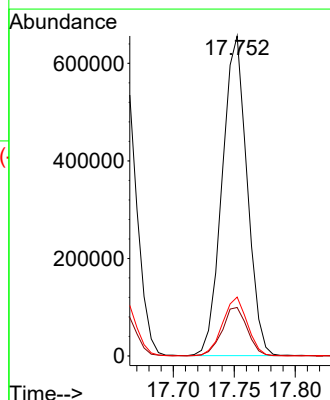
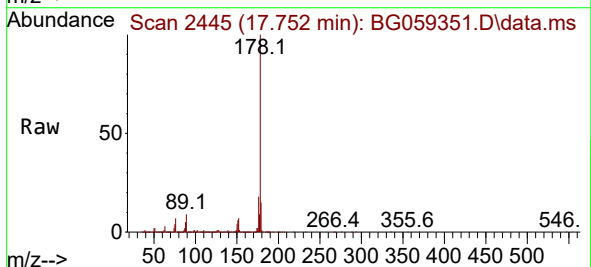
Tgt Ion:178 Resp: 931477

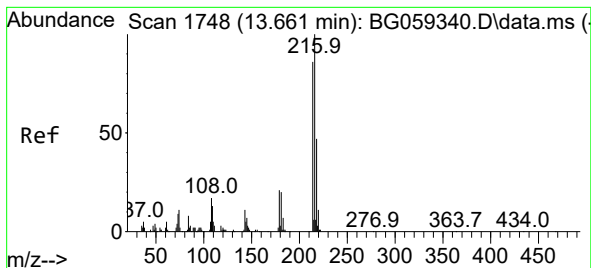
Ion Ratio Lower Upper

178 100

179 15.2 12.5 18.7

176 18.4 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.284 ng/uL

RT: 13.663 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

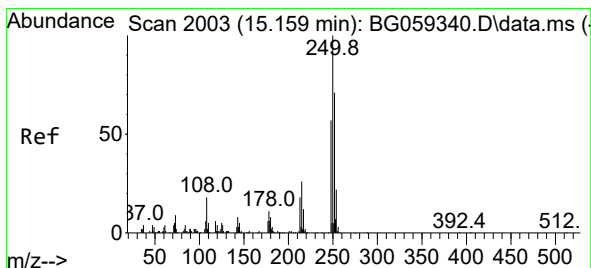
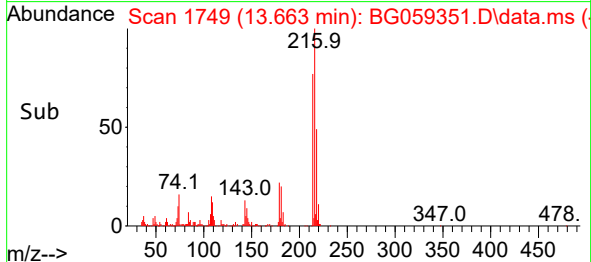
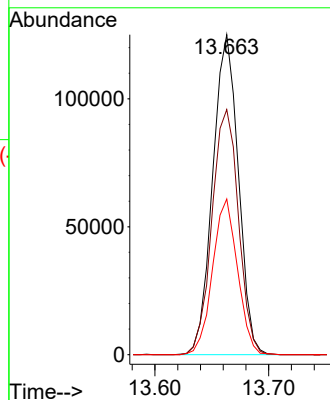
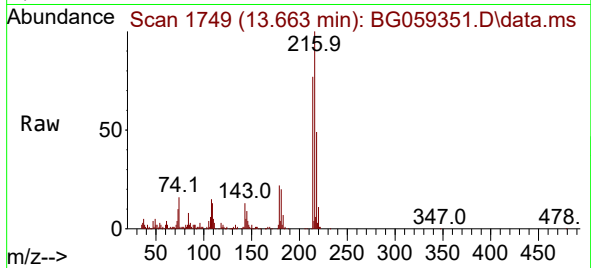
Tgt Ion:216 Resp: 195864

Ion Ratio Lower Upper

216 100

214 76.6 68.5 102.7

218 48.7 37.8 56.8



#76

Pentachlorobenzene

Concen: 21.105 ng/uL

RT: 15.155 min Scan# 2003

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

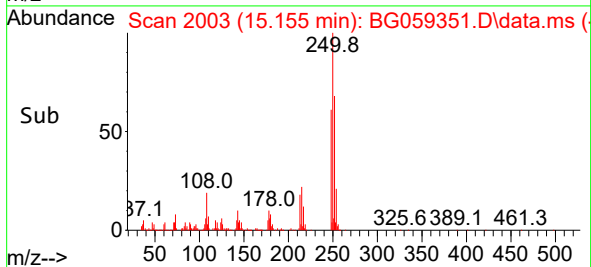
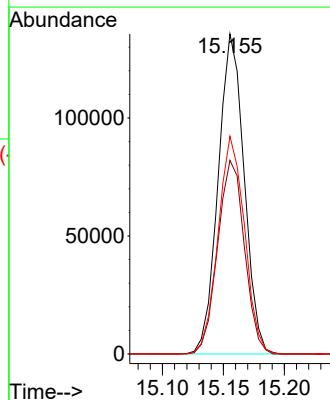
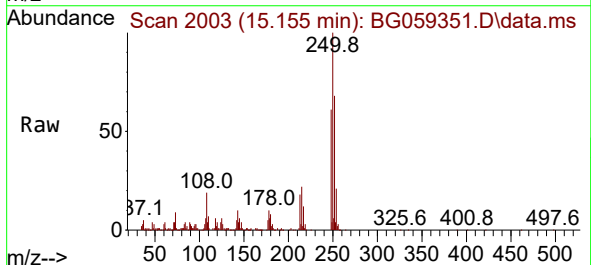
Tgt Ion:250 Resp: 201006

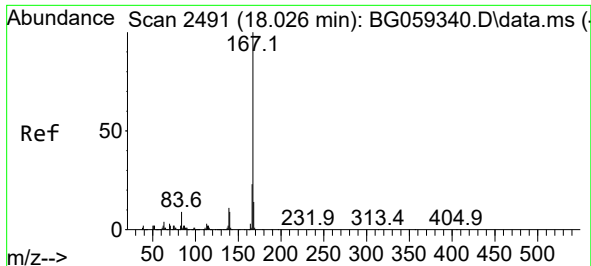
Ion Ratio Lower Upper

250 100

248 60.5 45.4 68.2

252 68.1 56.6 84.8

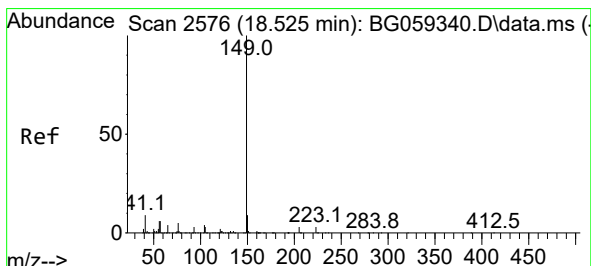
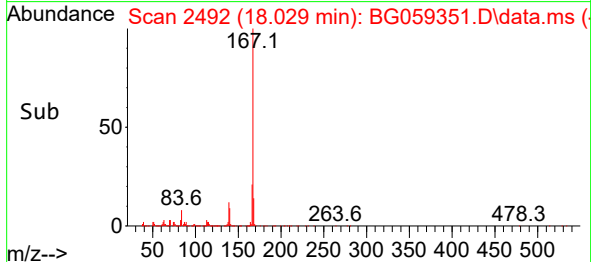
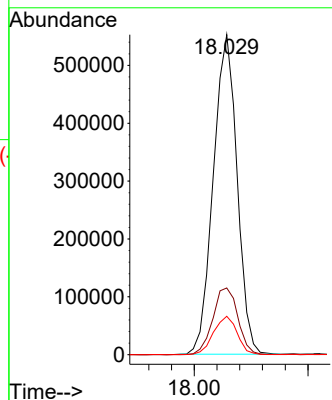
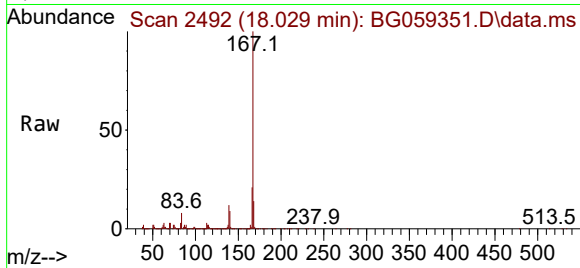




#77
 Carbazole
 Concen: 22.532 ng/ul
 RT: 18.029 min Scan# 2491
 Delta R.T. 0.002 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

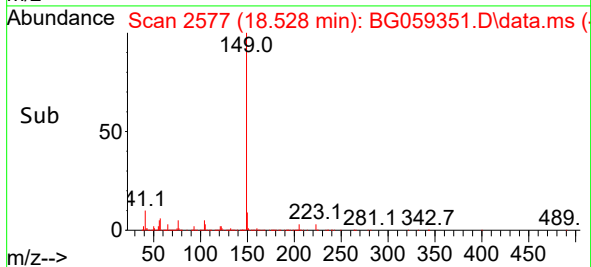
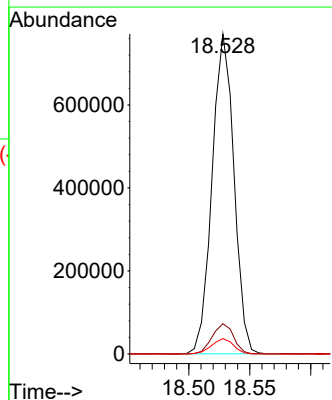
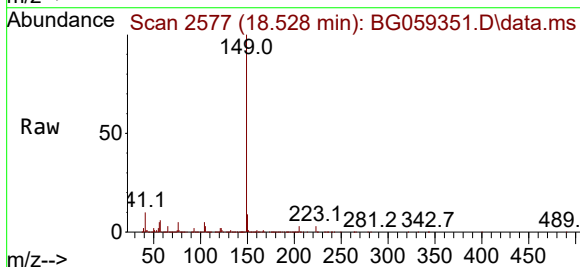
Instrument :
 BNA_G
 ClientSampleId :
 BBJQ2MSD

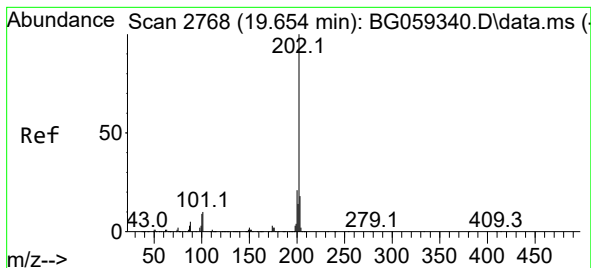
Tgt Ion:167 Resp: 800032
 Ion Ratio Lower Upper
 167 100
 166 20.9 18.2 27.4
 139 12.0 9.1 13.7



#78
 Di-n-butylphthalate
 Concen: 22.867 ng/ul
 RT: 18.528 min Scan# 2577
 Delta R.T. 0.003 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

Tgt Ion:149 Resp: 960609
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 4.8 3.4 5.2





#80

Fluoranthene

Concen: 51.427 ng/ul

RT: 19.656 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

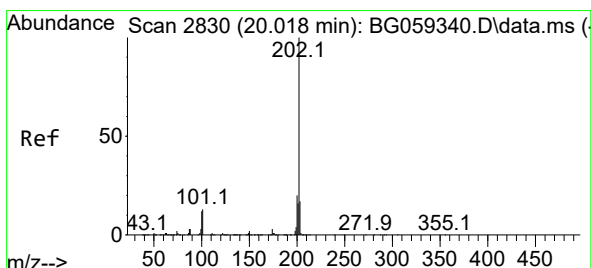
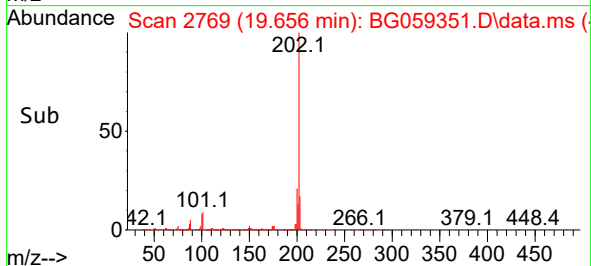
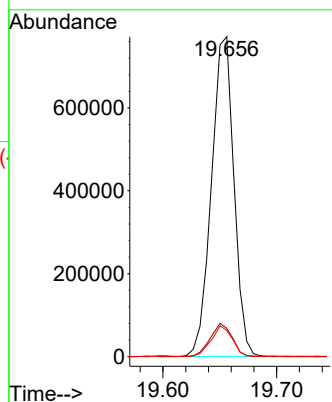
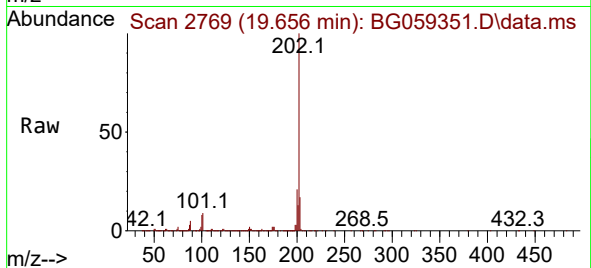
Tgt Ion:202 Resp: 1056701

Ion Ratio Lower Upper

202 100

101 8.8 8.0 12.0

100 8.2 7.2 10.8



#82

Pyrene

Concen: 51.499 ng/ul

RT: 20.020 min Scan# 2831

Delta R.T. 0.002 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

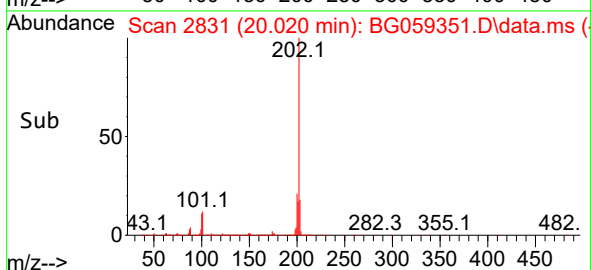
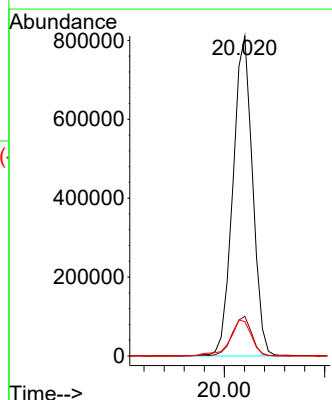
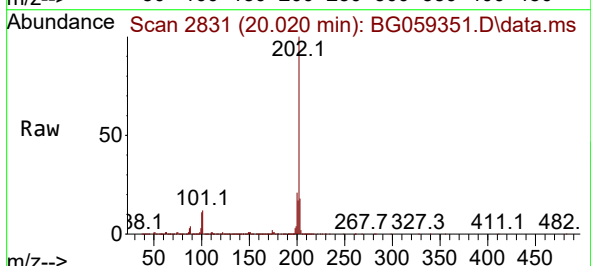
Tgt Ion:202 Resp: 1099751

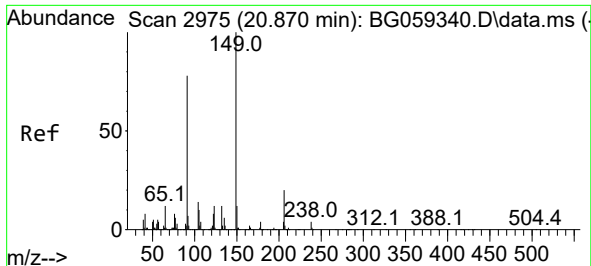
Ion Ratio Lower Upper

202 100

101 12.4 10.5 15.7

100 10.7 9.6 14.4

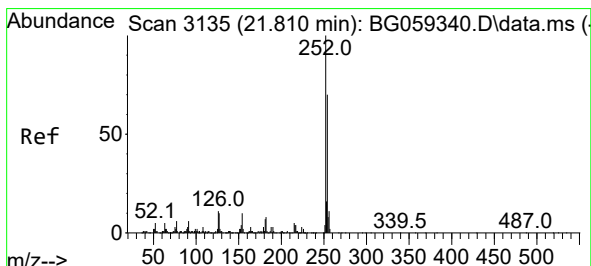
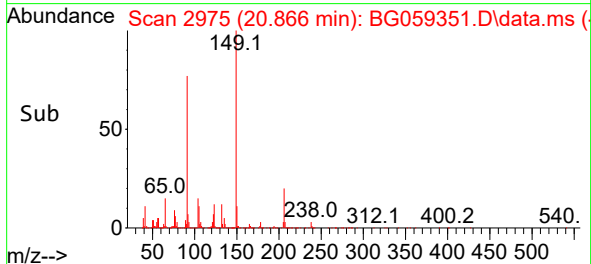
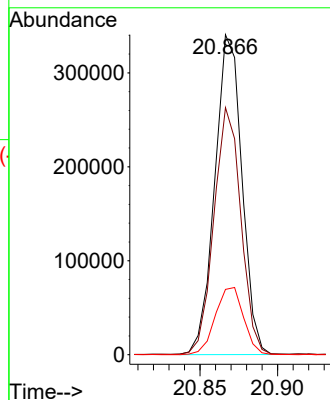
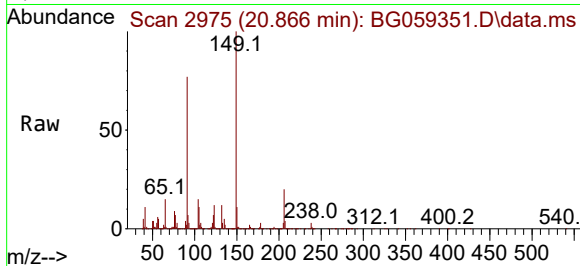




#83
Butylbenzylphthalate
Concen: 52.563 ng/ul
RT: 20.866 min Scan# 2975
Delta R.T. -0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

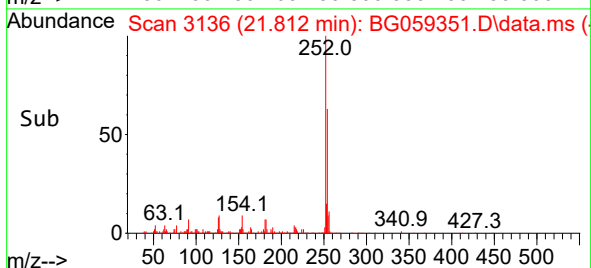
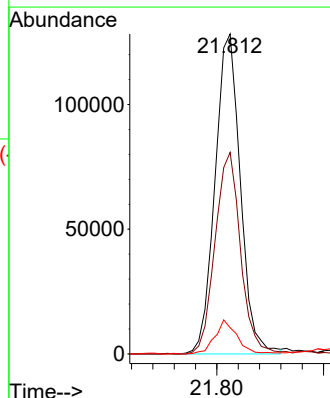
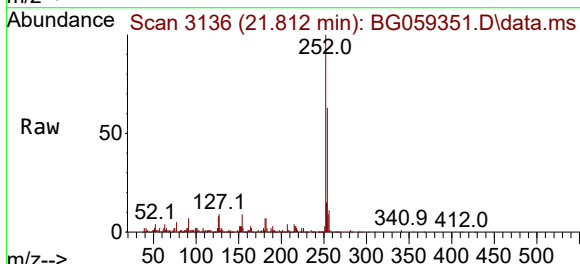
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

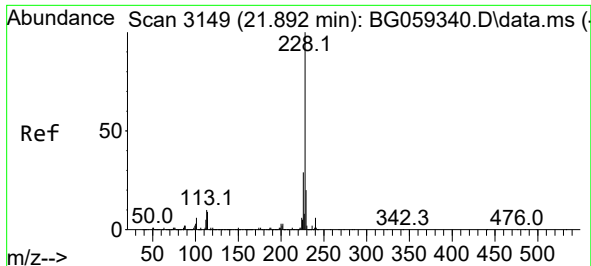
Tgt Ion:149 Resp: 414735
Ion Ratio Lower Upper
149 100
91 77.2 62.0 93.0
206 20.4 16.3 24.5



#84
3,3'-Dichlorobenzidine
Concen: 31.115 ng/ul
RT: 21.812 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:252 Resp: 211592
Ion Ratio Lower Upper
252 100
254 63.0 55.5 83.3
126 8.2 9.0 13.4#

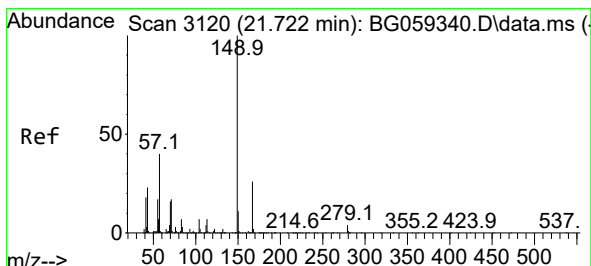
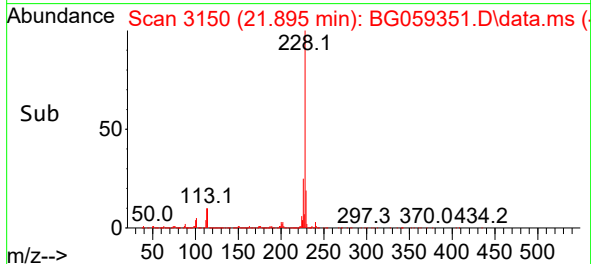
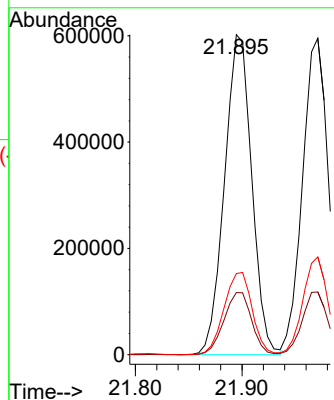
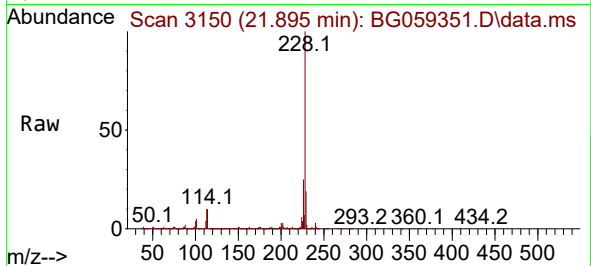




#85
Benzo(a)anthracene
Concen: 51.407 ng/ul
RT: 21.895 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

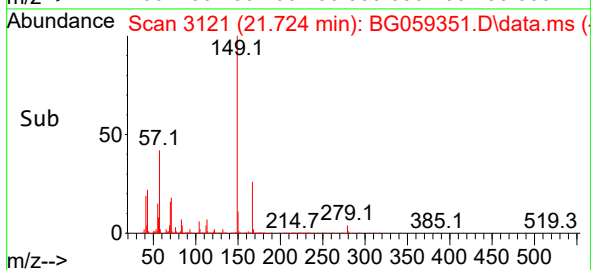
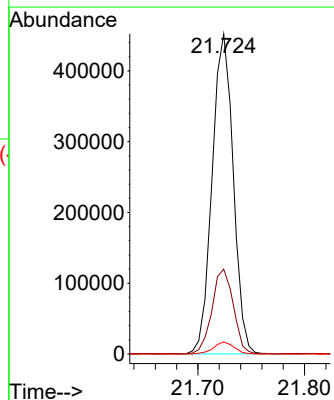
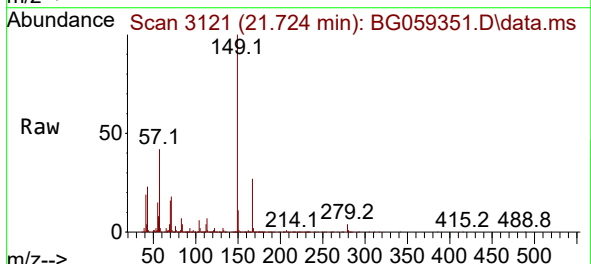
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

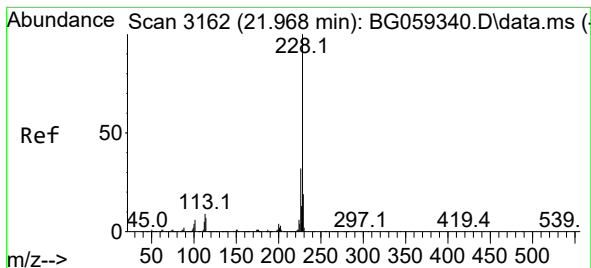
Tgt Ion:228 Resp: 1070210
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.8
226 25.3 23.3 34.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 52.588 ng/ul
RT: 21.724 min Scan# 3121
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:149 Resp: 620570
Ion Ratio Lower Upper
149 100
167 26.5 20.9 31.3
279 3.8 2.8 4.2





#87

Chrysene

Concen: 51.515 ng/ul

RT: 21.971 min Scan# 3163

Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

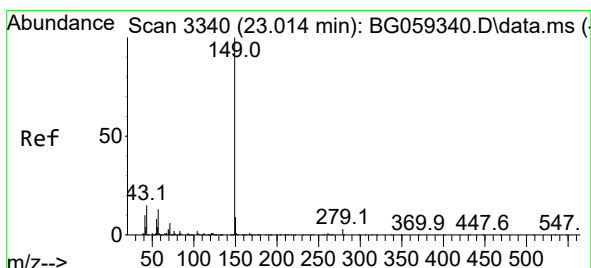
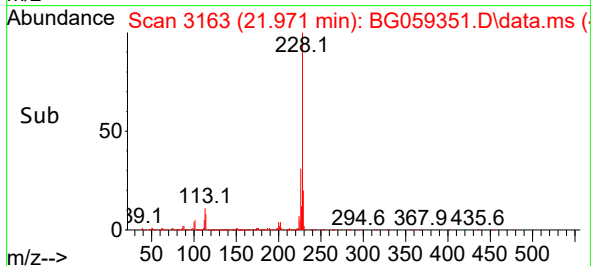
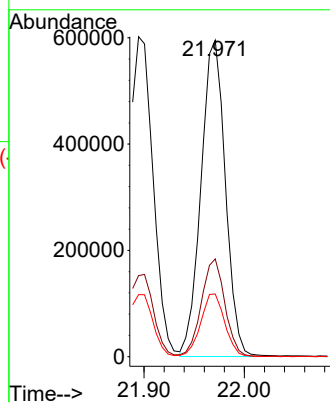
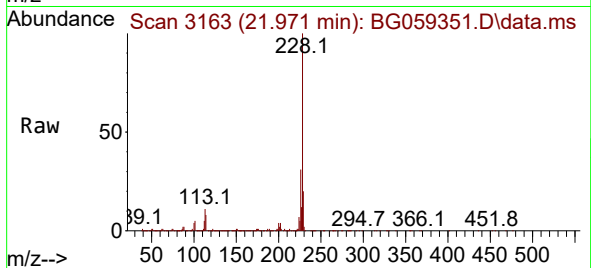
Tgt Ion:228 Resp: 1007362

Ion Ratio Lower Upper

228 100

226 30.9 25.2 37.8

229 19.8 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 51.659 ng/ul

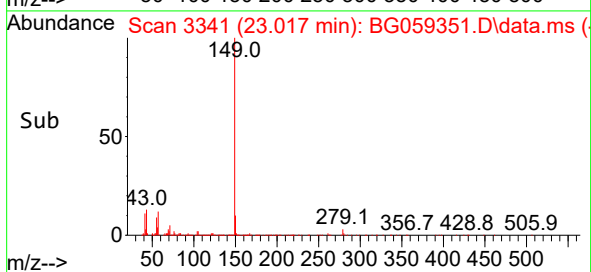
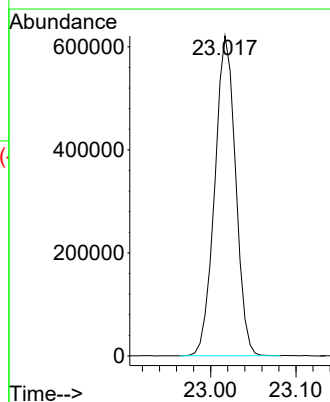
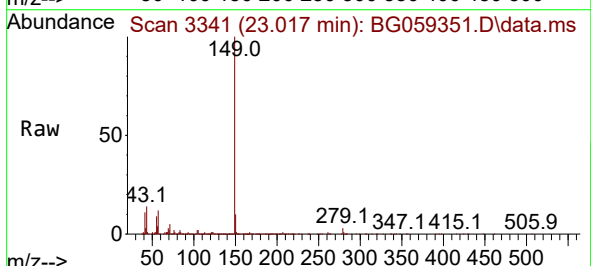
RT: 23.017 min Scan# 3341

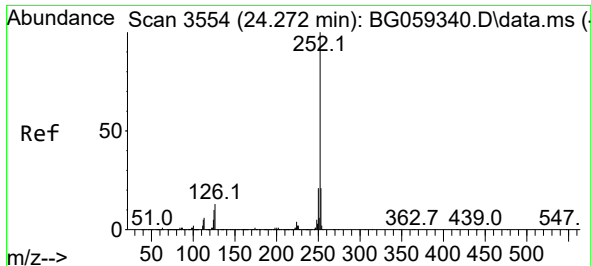
Delta R.T. 0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Tgt Ion:149 Resp: 1057267

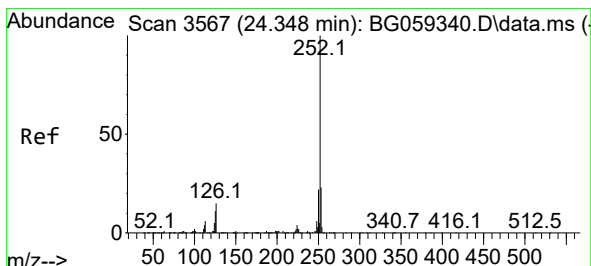
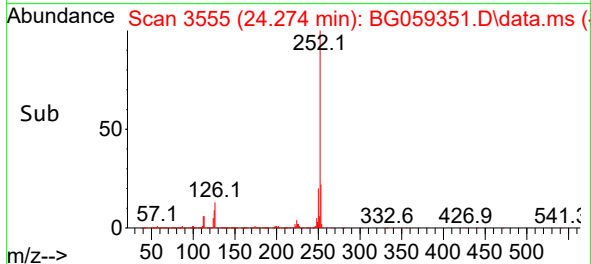
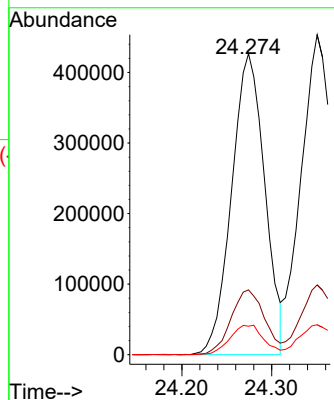
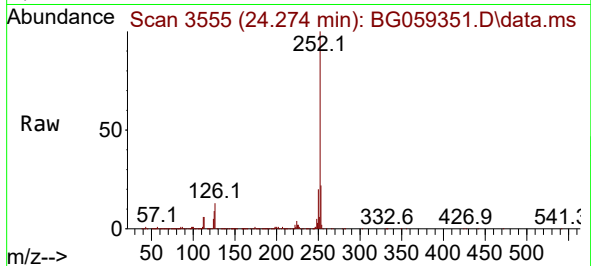




#90
Benzo(b)fluoranthene
Concen: 51.126 ng/ul
RT: 24.274 min Scan# 3554
Delta R.T. 0.002 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

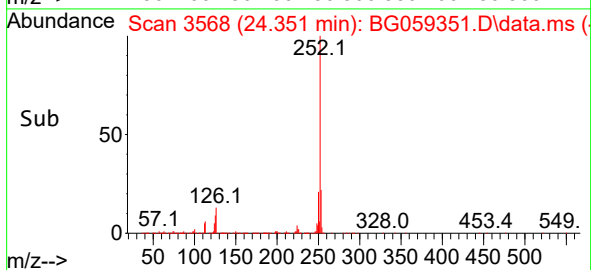
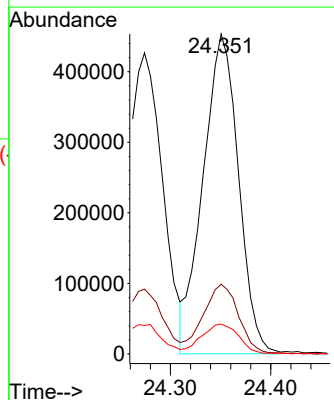
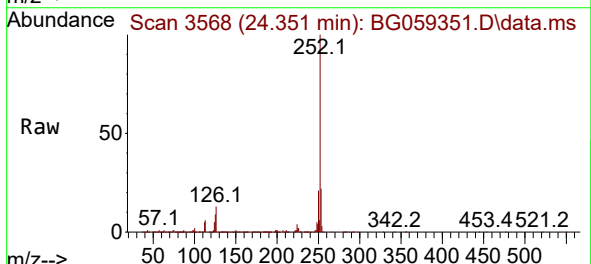
Instrument :
BNA_G
ClientSampleId :
BBJQ2MSD

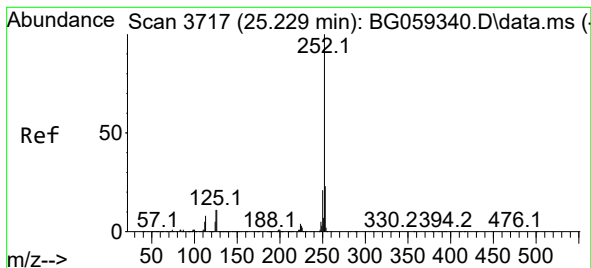
Tgt Ion:252 Resp: 1092584
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.5 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 51.283 ng/ul
RT: 24.351 min Scan# 3568
Delta R.T. 0.003 min
Lab File: BG059351.D
Acq: 7 Oct 2023 20:55

Tgt Ion:252 Resp: 1112776
Ion Ratio Lower Upper
252 100
253 21.8 19.0 28.4
125 9.3 9.0 13.4





#93

Benzo(a)pyrene

Concen: 50.694 ng/ul

RT: 25.238 min Scan# 3719

Delta R.T. 0.008 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

Instrument :

BNA_G

ClientSampleId :

BBJQ2MSD

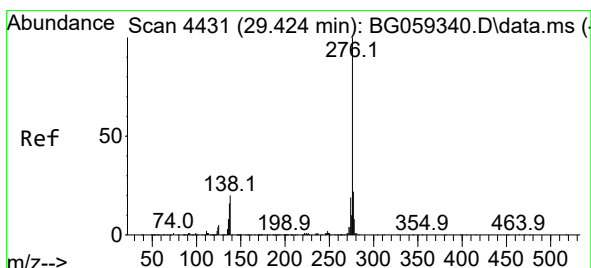
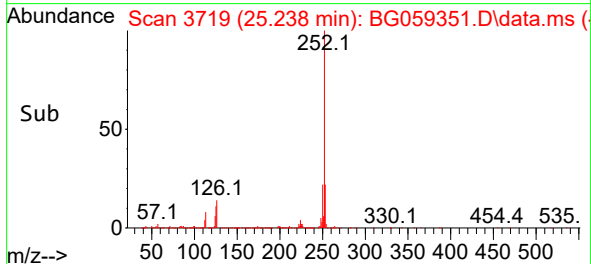
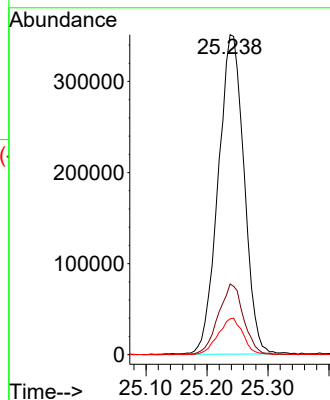
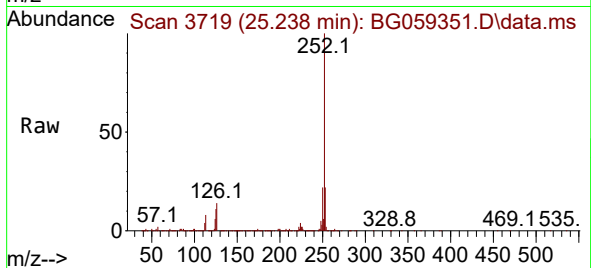
Tgt Ion:252 Resp: 1031964

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

125 11.2 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.638 ng/ul

RT: 29.421 min Scan# 4431

Delta R.T. -0.003 min

Lab File: BG059351.D

Acq: 7 Oct 2023 20:55

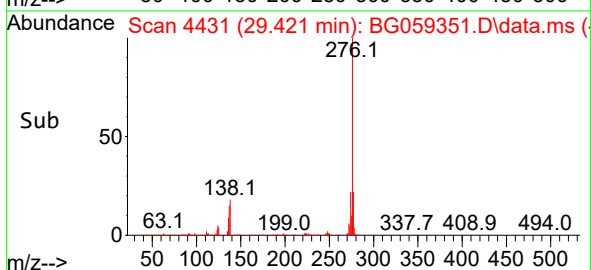
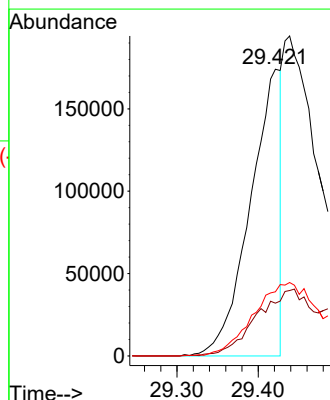
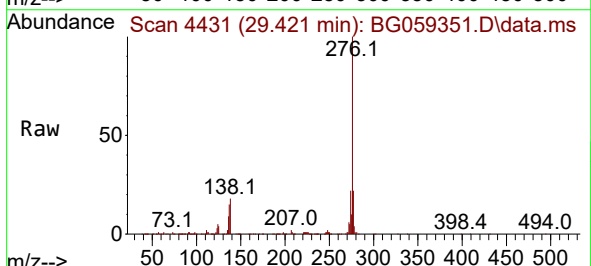
Tgt Ion:276 Resp: 460496

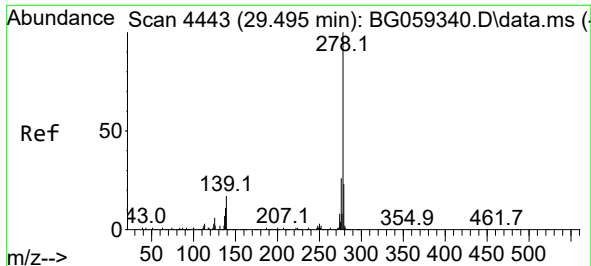
Ion Ratio Lower Upper

276 100

138 18.4 16.2 24.4

277 22.4 17.1 25.7

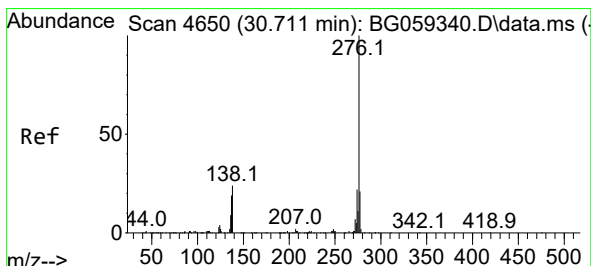
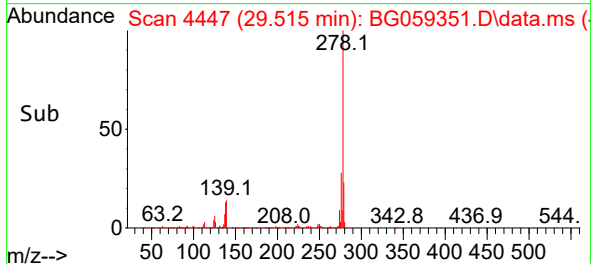
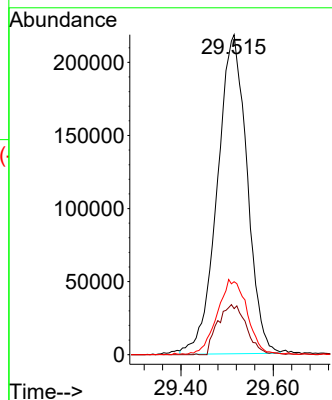
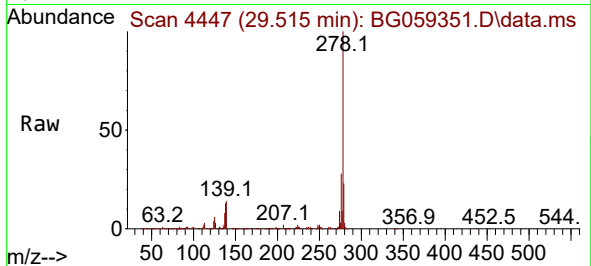




#95
 Dibenzo(a,h)anthracene
 Concen: 51.196 ng/ul
 RT: 29.515 min Scan# 4447
 Delta R.T. 0.020 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

Instrument :
 BNA_G
 ClientSampleId :
 BBJQ2MSD

Tgt Ion:278 Resp: 976166
 Ion Ratio Lower Upper
 278 100
 139 14.4 13.7 20.5
 279 22.8 18.6 27.8



#96
 Benzo(g,h,i)perylene
 Concen: 51.947 ng/ul
 RT: 30.725 min Scan# 4653
 Delta R.T. 0.014 min
 Lab File: BG059351.D
 Acq: 7 Oct 2023 20:55

Tgt Ion:276 Resp: 971467
 Ion Ratio Lower Upper
 276 100
 138 21.4 19.0 28.4
 277 22.8 17.2 25.8

