

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059369.D
 Acq On : 8 Oct 2023 9:49
 Operator : MA/JU
 Sample : 04624-04MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBJR1MSD

Quant Time: Oct 09 01:00:31 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	8.229	152	44088	20.000	ng/ul	0.00
20) Naphthalene-d8	11.073	136	215071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	138863	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	318742	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.919	240	284598	20.000	ng/ul	0.00
88) Perylene-d12	25.403	264	332125	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.523	96	1683	1.361	ng/uL	0.00
4) Pyridine-d5	3.963	84	54034	15.182	ng/ul	0.00
7) Phenol-d5	7.353	99	39058	8.023	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.547	67	100025	36.352	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	97165	28.539	ng/ul	0.00
15) 4-Methylphenol-d8	8.928	113	67993	17.926	ng/ul	0.00
21) Nitrobenzene-d5	9.428	128	70268	38.380	ng/ul	0.00
24) 2-Nitrophenol-d4	10.150	143	70665	35.661	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	120512	33.694	ng/ul	0.00
31) 4-Chloroaniline-d4	11.220	131	193015	33.974	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	473080	41.584	ng/ul	0.00
49) Acenaphthylene-d8	14.569	160	535286	39.538	ng/ul	0.00
54) 4-Nitrophenol-d4	15.062	143	19118	8.968	ng/ul	0.00
60) Fluorene-d10	15.855	176	433405	39.911	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.967	200	85968	40.850	ng/ul	0.00
73) Anthracene-d10	17.712	188	650397	41.596	ng/ul	0.00
81) Pyrene-d10	19.986	212	729769	42.328	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.162	264	727776	41.642	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.564	88	9534	7.223	ng/uL#	74
5) Pyridine	3.987	79	50972	14.184	ng/ul	89
6) Benzaldehyde	7.377	77	81823	40.521	ng/ul	95
8) Phenol	7.383	94	41751	8.673	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.647	93	140193	37.816	ng/ul	97
12) 2-Chlorophenol	7.782	128	103472	28.842	ng/ul#	90
13) 2-Methylphenol	8.658	108	81209	22.577	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.734	45	286971	36.997	ng/ul	98
16) Acetophenone	9.069	105	213568	37.054	ng/ul	96
17) N-Nitroso-di-n-propyla...	9.034	70	103685	36.103	ng/ul	91
18) 4-Methylphenol	8.987	108	77302	19.543	ng/ul	95
19) Hexachloroethane	9.316	117	49027	37.570	ng/ul	88
22) Nitrobenzene	9.475	77	159816	39.818	ng/ul#	91
23) Isophorone	9.974	82	332955	38.848	ng/ul	99
25) 2-Nitrophenol	10.180	139	75338	36.864	ng/ul	93
26) 2,4-Dimethylphenol	10.203	107	86782	21.526	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.462	93	210901	40.950	ng/ul	98
29) 2,4-Dichlorophenol	10.703	162	126337	35.078	ng/ul	92
30) Naphthalene	11.120	128	483845	38.898	ng/ul	97
32) 4-Chloroaniline	11.243	127	184759	34.376	ng/ul	100
33) Hexachlorobutadiene	11.349	225	84891	39.038	ng/ul	94
34) Caprolactam	12.019	113	7996	6.114	ng/ul	97
35) 4-Chloro-3-methylphenol	12.318	107	131706	34.079	ng/ul	97
36) 2-Methylnaphthalene	12.706	142	327589	39.504	ng/ul	91

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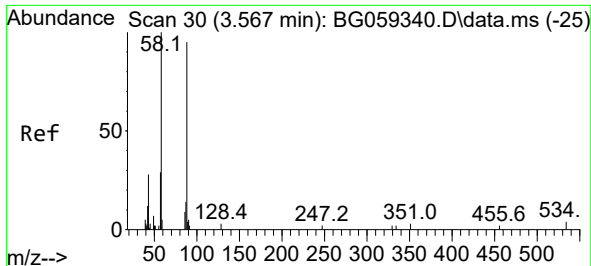
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	330527	38.389	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	13.053	216	168110	40.643	ng/ul	98
40) Hexachlorocyclopentadiene	13.000	237	70286	28.304	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.294	196	111569	39.752	ng/ul	96
42) 2,4,5-Trichlorophenol	13.364	196	124977	41.000	ng/ul	98
43) 1,1'-Biphenyl	13.699	154	484494	42.391	ng/ul	99
44) 2-Chloronaphthalene	13.758	162	365423	41.595	ng/ul	98
45) 2-Nitroaniline	13.975	65	117584	40.874	ng/ul	99
47) Dimethylphthalate	14.310	163	490523	42.902	ng/ul	96
48) 2,6-Dinitrotoluene	14.457	165	102848	44.587	ng/ul	100
50) Acenaphthylene	14.598	152	596040	40.957	ng/ul	98
51) 3-Nitroaniline	14.798	138	102113	45.208	ng/ul	99
52) Acenaphthene	14.927	153	416240	42.273	ng/ul	100
53) 2,4-Dinitrophenol	14.992	184	55197	33.314	ng/ul	97
55) 4-Nitrophenol	15.068	109	12651	8.795	ng/ul	86
56) Dibenzofuran	15.262	168	557125	41.007	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	146240	43.289	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.473	232	118083	40.372	ng/ul#	90
59) Diethylphthalate	15.650	149	478518	42.080	ng/ul	98
61) Fluorene	15.908	166	482534	41.743	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.891	204	242987	42.541	ng/ul	99
63) 4-Nitroaniline	15.955	138	90874	44.689	ng/ul#	92
66) 4,6-Dinitro-2-methylph...	15.985	198	97518	43.568	ng/ul#	95
67) N-Nitrosodiphenylamine	16.108	169	388916	43.117	ng/ul	99
68) 4-Bromophenyl-phenylether	16.789	248	150367	44.426	ng/ul	98
69) Hexachlorobenzene	16.883	284	166583	43.118	ng/ul	99
70) Atrazine	17.048	200	144300	40.349	ng/ul	92
71) Pentachlorophenol	17.236	266	102834	45.798	ng/ul	95
72) Phenanthrene	17.659	178	838673	44.428	ng/ul	98
74) Anthracene	17.747	178	841848	43.848	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.658	216	175032	42.268	ng/uL	92
76) Pentachlorobenzene	15.156	250	169103	39.457	ng/uL	97
77) Carbazole	18.029	167	726399	45.464	ng/ul	97
78) Di-n-butylphthalate	18.529	149	880068	46.557	ng/ul	99
80) Fluoranthene	19.651	202	955086	44.520	ng/ul	100
82) Pyrene	20.021	202	983941	44.132	ng/ul	98
83) Butylbenzylphthalate	20.867	149	370390	44.962	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.807	252	197283	27.787	ng/ul	95
85) Benzo(a)anthracene	21.895	228	957744	44.063	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.725	149	556827	45.195	ng/ul	98
87) Chrysene	21.972	228	894769	43.827	ng/ul	98
89) Di-n-octyl phthalate	23.017	149	947088	45.193	ng/ul	100
90) Benzo(b)fluoranthene	24.275	252	966335	44.160	ng/ul	100
91) Benzo(k)fluoranthene	24.351	252	1002203	45.106	ng/ul	97
93) Benzo(a)pyrene	25.238	252	925266	44.388	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.433	276	1056784	44.012	ng/ul	96
95) Dibenzo(a,h)anthracene	29.504	278	882193	45.185	ng/ul	99
96) Benzo(g,h,i)perylene	30.714	276	862933	45.063	ng/ul	94

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

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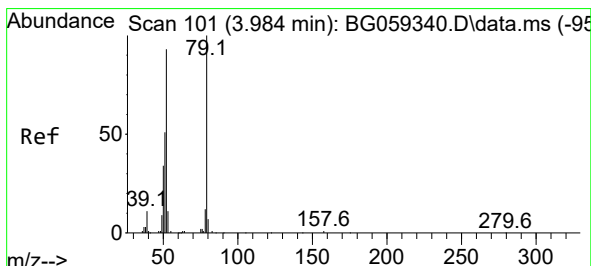
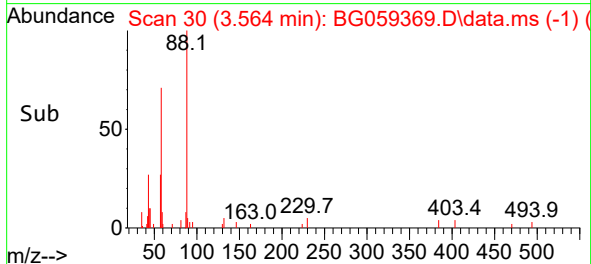
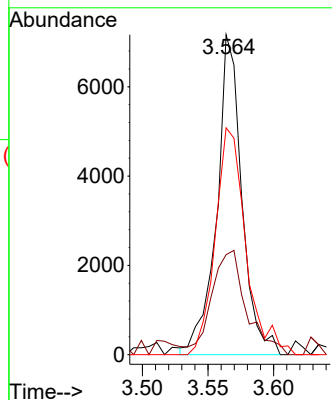
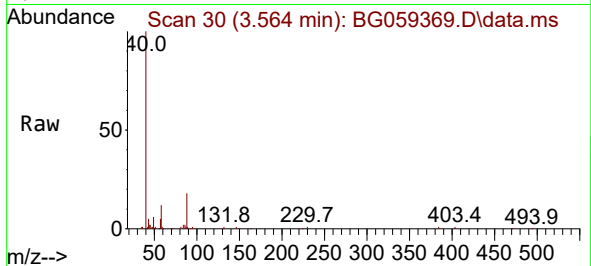




#2
1,4-Dioxane
Concen: 7.223 ng/uL
RT: 3.564 min Scan# 30
Delta R.T. -0.003 min
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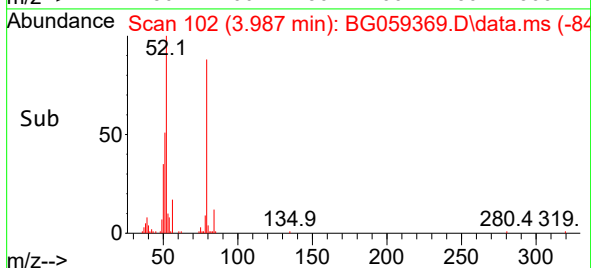
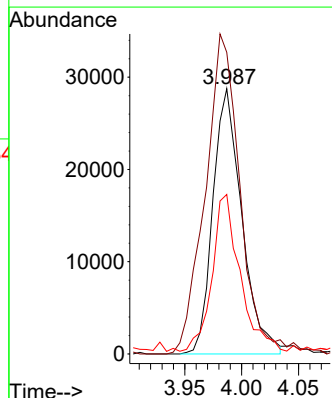
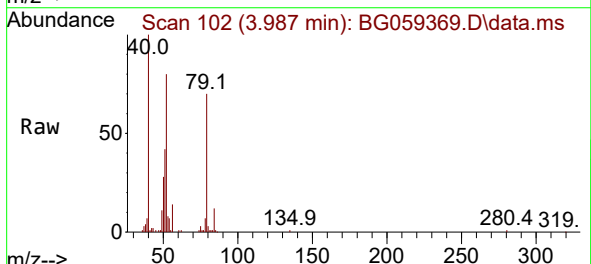
Instrument :
BNA_G
ClientSampleId :
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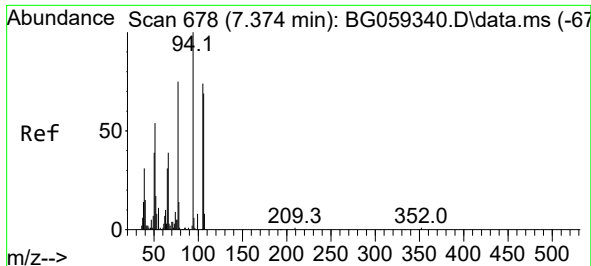
Tgt Ion: 88 Resp: 9534
Ion Ratio Lower Upper
88 100
43 31.2 25.4 38.0
58 70.9 84.6 127.0#



#5
Pyridine
Concen: 14.184 ng/uL
RT: 3.987 min Scan# 102
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 79 Resp: 50972
Ion Ratio Lower Upper
79 100
52 113.7 82.5 123.7
51 60.1 41.8 62.8

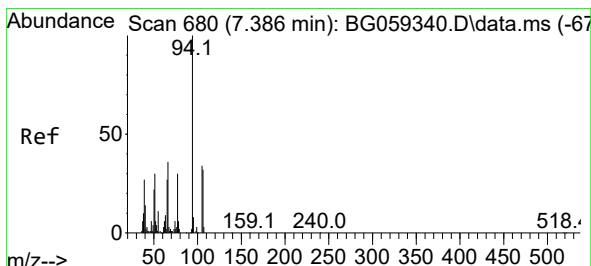
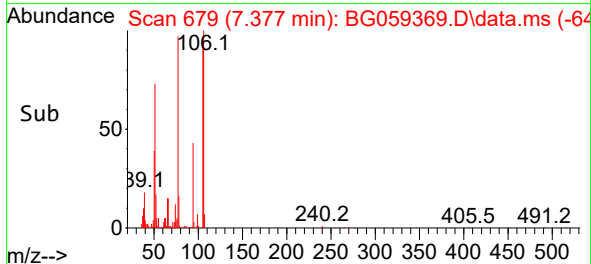
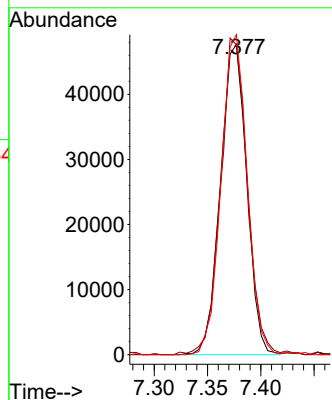
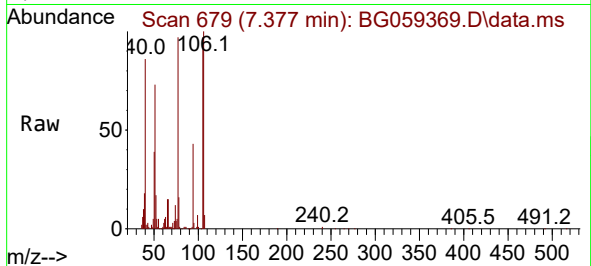




#6
Benzaldehyde
Concen: 40.521 ng/ul
RT: 7.377 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

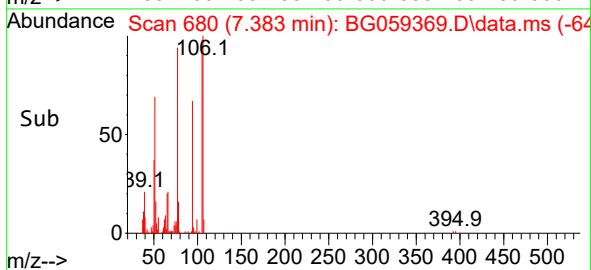
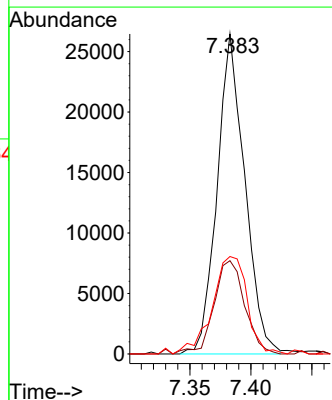
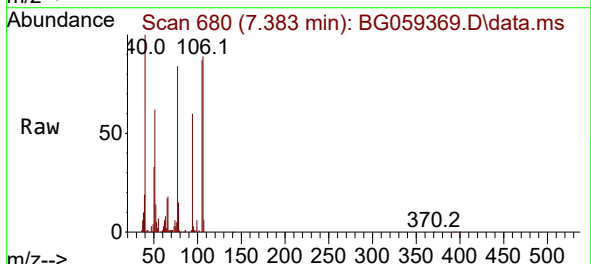
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ClientSampleId :
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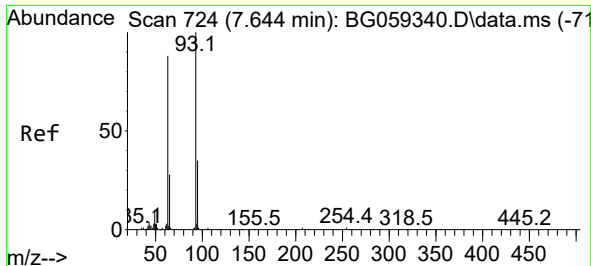
Tgt Ion: 77 Resp: 81823
Ion Ratio Lower Upper
77 100
105 99.8 79.5 119.3
106 103.1 74.8 112.2



#8
Phenol
Concen: 8.673 ng/ul
RT: 7.383 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 94 Resp: 41751
Ion Ratio Lower Upper
94 100
65 29.1 21.9 32.9
66 30.5 28.6 43.0

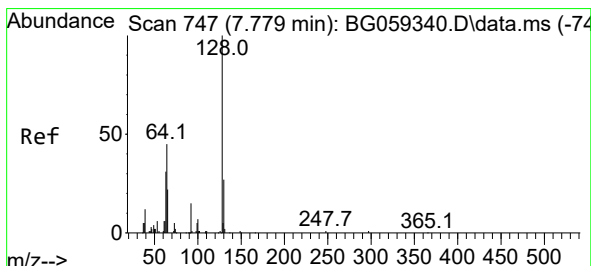
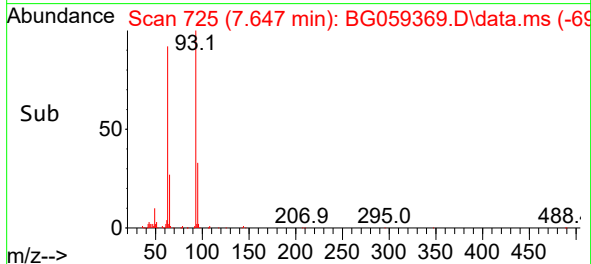
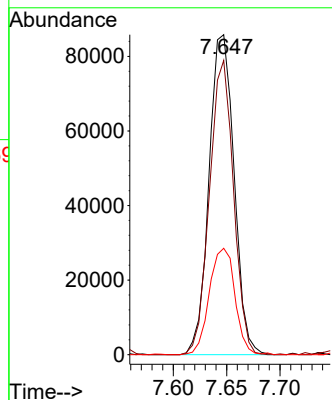
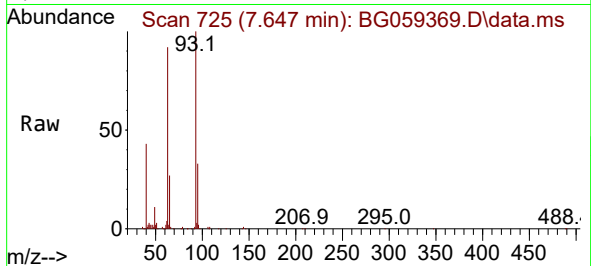




#10
 Bis(2-Chloroethyl)ether
 Concen: 37.816 ng/ul
 RT: 7.647 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: BG059369.D
 Acq: 8 Oct 2023 9:49

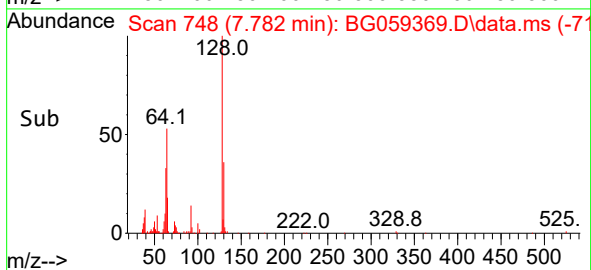
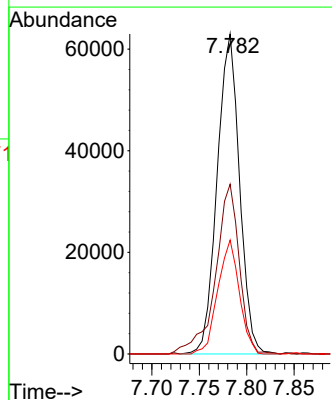
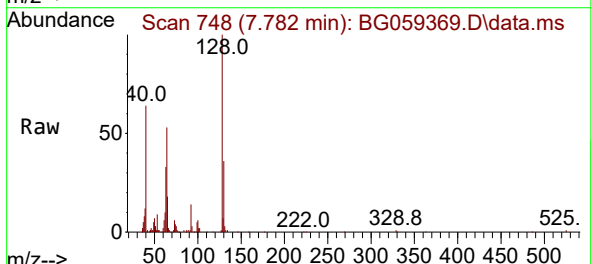
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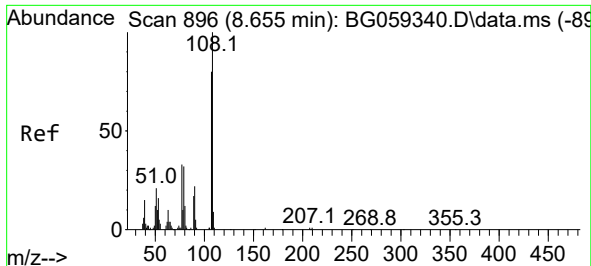
Tgt Ion: 93 Resp: 140193
 Ion Ratio Lower Upper
 93 100
 63 91.9 71.0 106.6
 95 33.2 27.8 41.6



#12
 2-Chlorophenol
 Concen: 28.842 ng/ul
 RT: 7.782 min Scan# 748
 Delta R.T. 0.003 min
 Lab File: BG059369.D
 Acq: 8 Oct 2023 9:49

Tgt Ion:128 Resp: 103472
 Ion Ratio Lower Upper
 128 100
 64 53.0 38.6 57.8
 130 35.6 21.8 32.8#

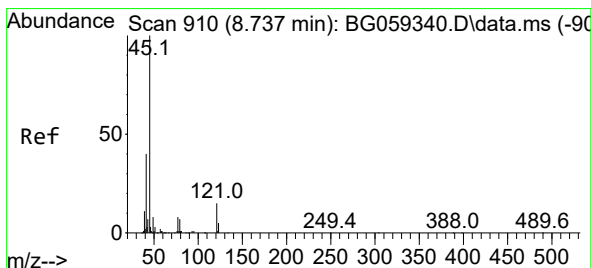
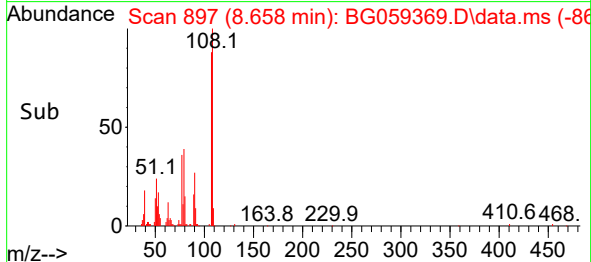
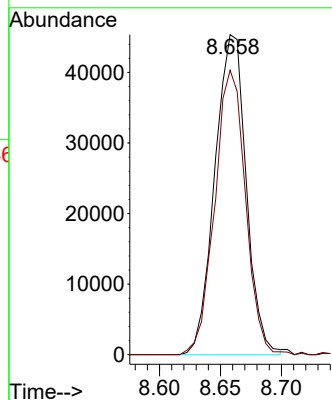
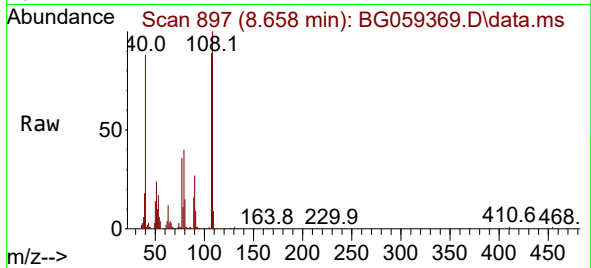




#13
2-Methylphenol
Concen: 22.577 ng/ul
RT: 8.658 min Scan# 896
Delta R.T. 0.003 min
Lab File: BG059369.D
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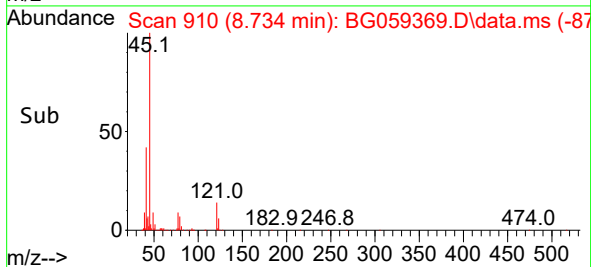
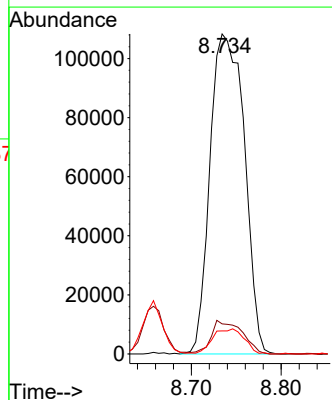
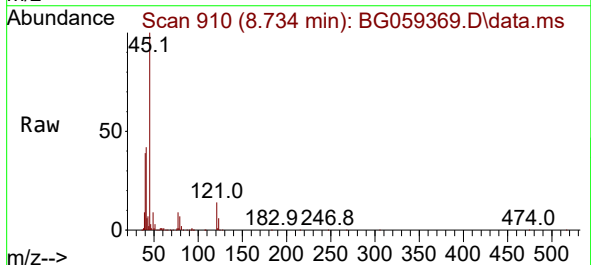
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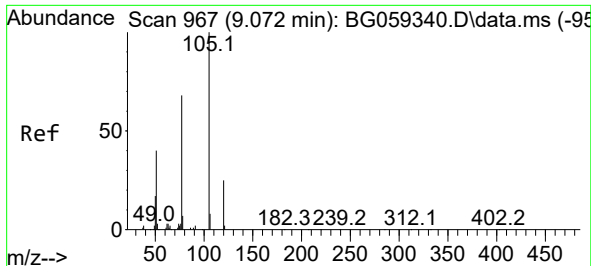
Tgt Ion:108 Resp: 81209
Ion Ratio Lower Upper
108 100
107 88.9 64.7 97.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 36.997 ng/ul
RT: 8.734 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 45 Resp: 286971
Ion Ratio Lower Upper
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77 9.4 6.6 10.0
79 7.2 5.8 8.8

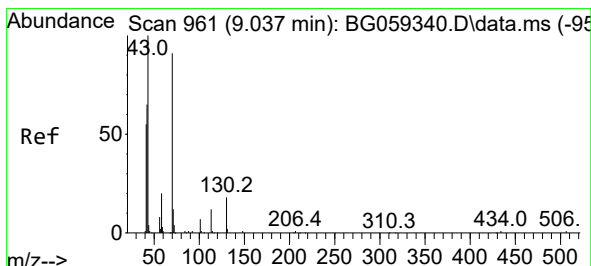
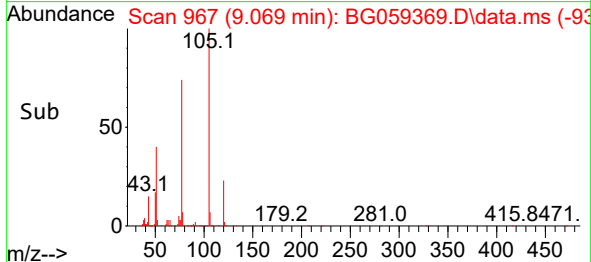
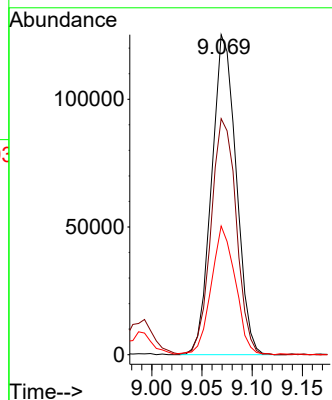
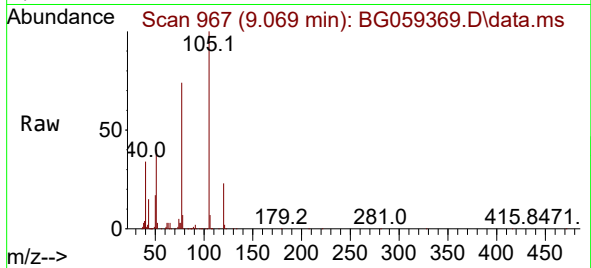




#16
Acetophenone
Concen: 37.054 ng/ul
RT: 9.069 min Scan# 90
Delta R.T. -0.003 min
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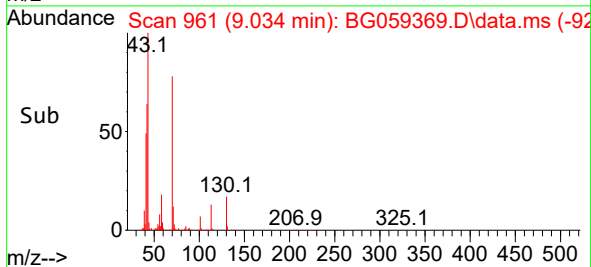
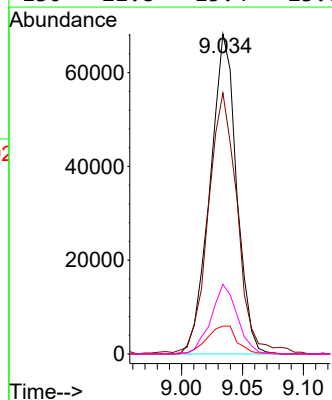
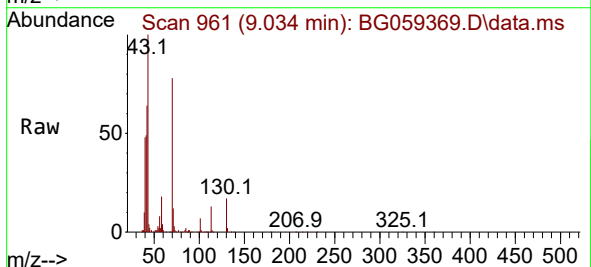
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ClientSampleId :
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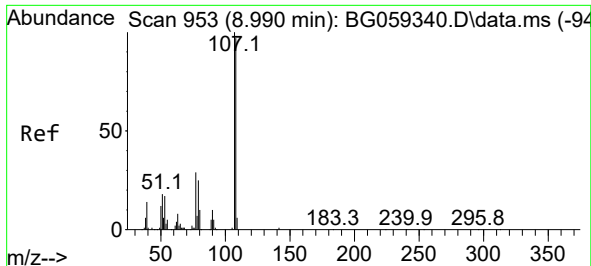
Tgt Ion:105 Resp: 213568
Ion Ratio Lower Upper
105 100
77 73.7 55.2 82.8
51 40.2 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 36.103 ng/ul
RT: 9.034 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 70 Resp: 103685
Ion Ratio Lower Upper
70 100
42 81.6 58.2 87.4
101 8.7 6.4 9.6
130 21.8 15.4 23.0

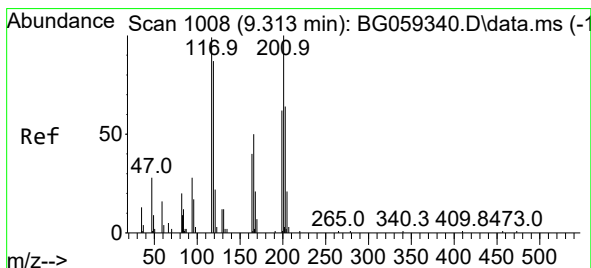
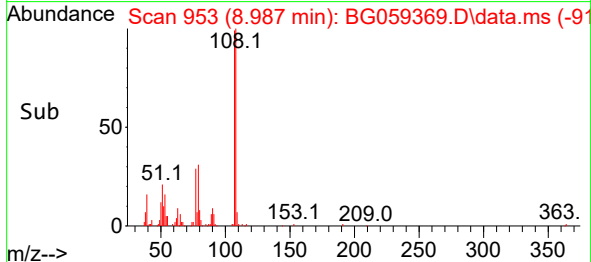
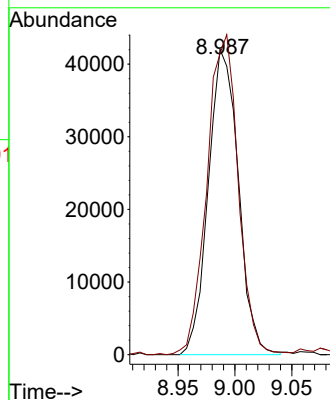
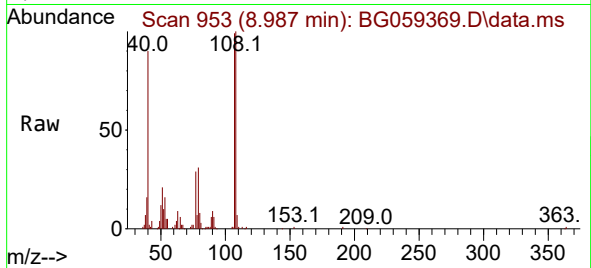




#18
4-Methylphenol
Concen: 19.543 ng/ul
RT: 8.987 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

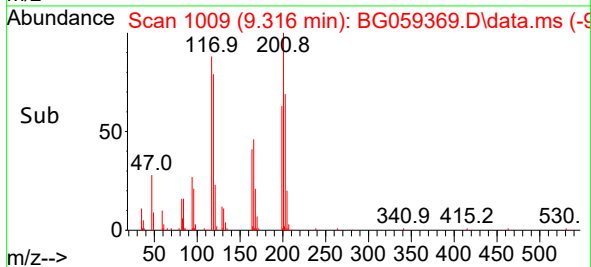
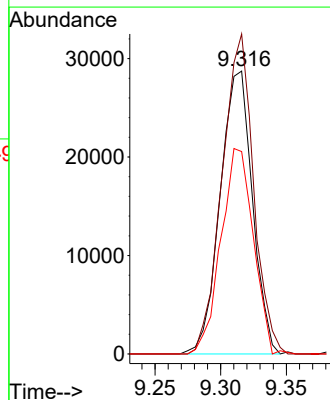
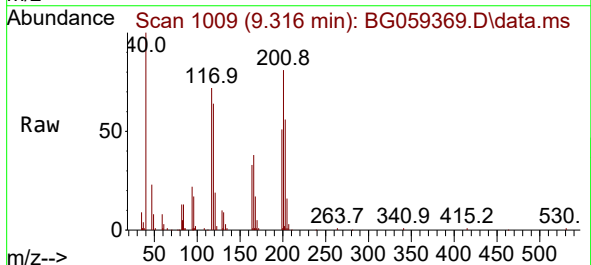
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

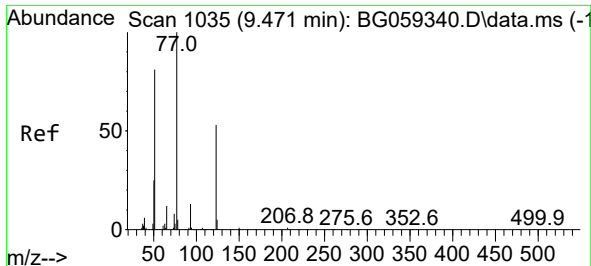
Tgt Ion:108 Resp: 77302
Ion Ratio Lower Upper
108 100
107 98.6 83.0 124.6



#19
Hexachloroethane
Concen: 37.570 ng/ul
RT: 9.316 min Scan# 1009
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:117 Resp: 49027
Ion Ratio Lower Upper
117 100
201 113.1 80.6 120.8
199 72.7 50.6 76.0

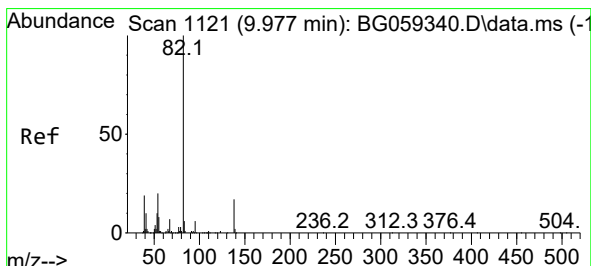
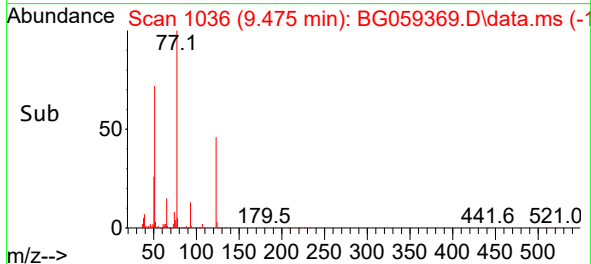
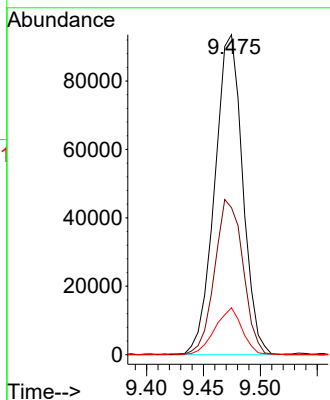
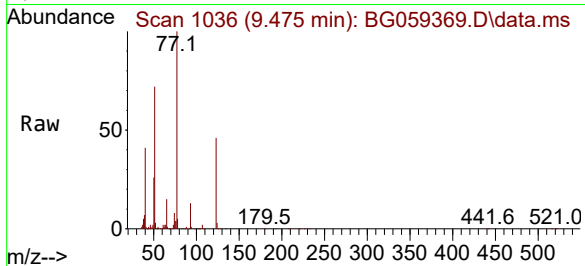




#22
Nitrobenzene
Concen: 39.818 ng/ul
RT: 9.475 min Scan# 1035
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

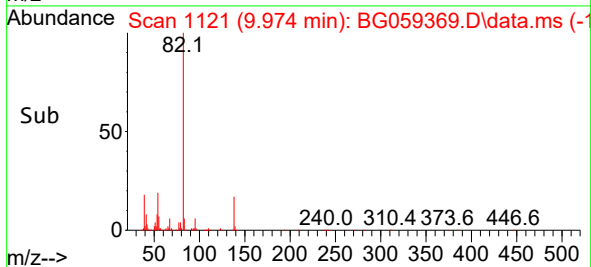
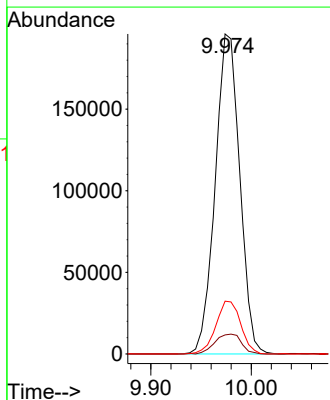
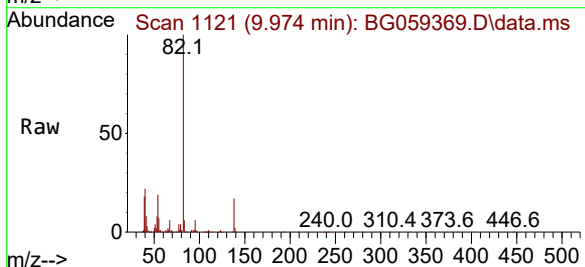
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

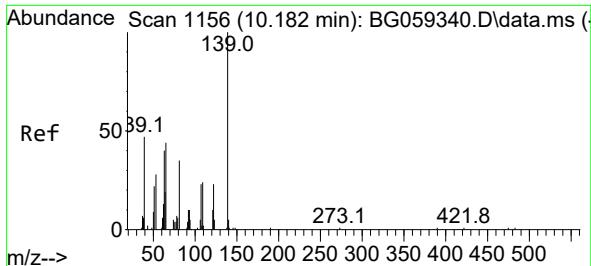
Tgt Ion: 77 Resp: 159816
Ion Ratio Lower Upper
77 100
123 46.0 42.2 63.4
65 14.7 9.8 14.6#



#23
Isophorone
Concen: 38.848 ng/ul
RT: 9.974 min Scan# 1121
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 82 Resp: 332955
Ion Ratio Lower Upper
82 100
95 6.0 4.7 7.1
138 16.5 13.5 20.3

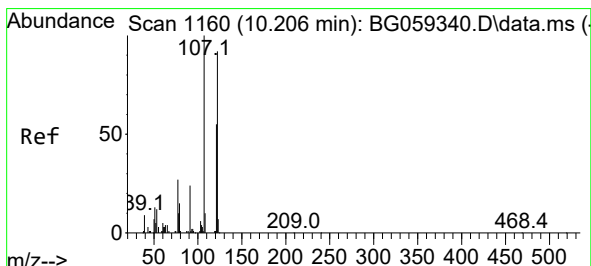
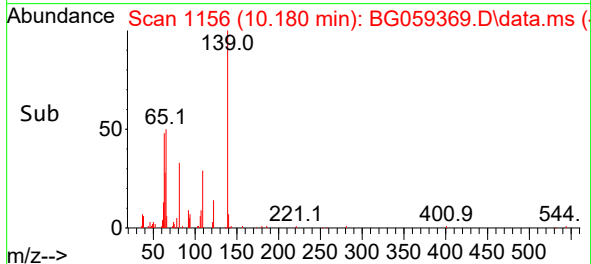
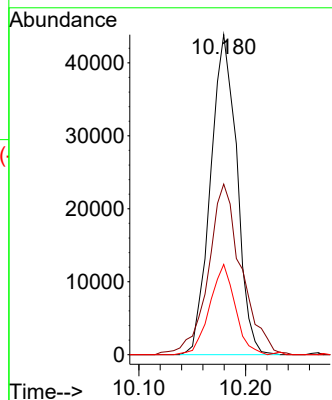
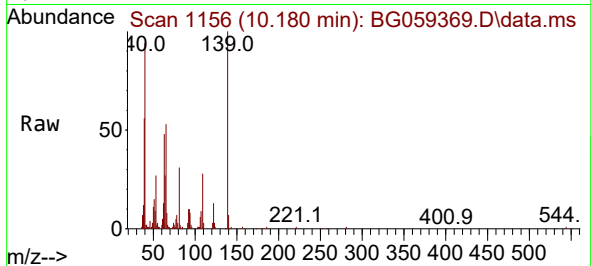




#25
2-Nitrophenol
Concen: 36.864 ng/ul
RT: 10.180 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

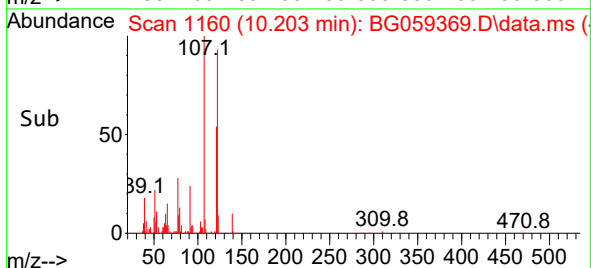
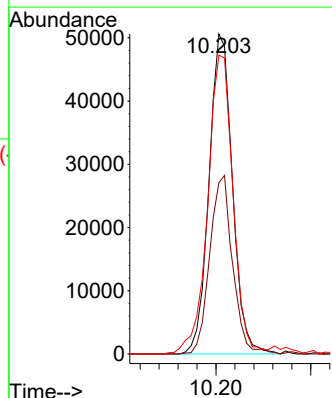
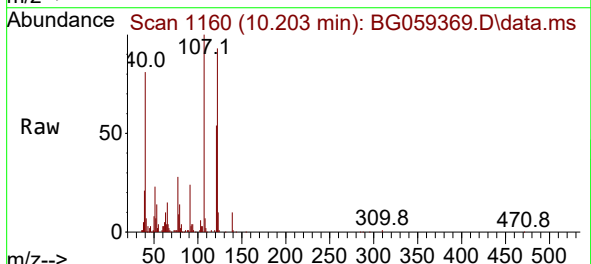
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

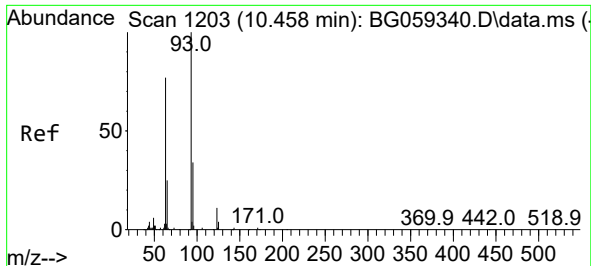
Tgt Ion:139 Resp: 75338
Ion Ratio Lower Upper
139 100
65 53.3 39.0 58.4
109 28.2 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 21.526 ng/ul
RT: 10.203 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:107 Resp: 86782
Ion Ratio Lower Upper
107 100
121 53.6 43.9 65.9
122 93.4 74.1 111.1

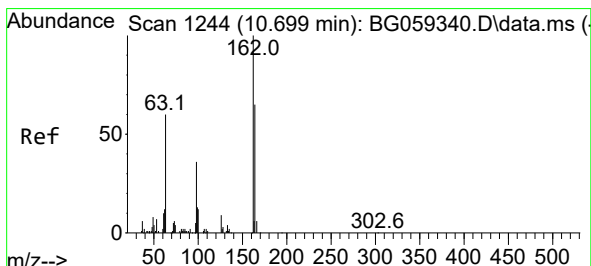
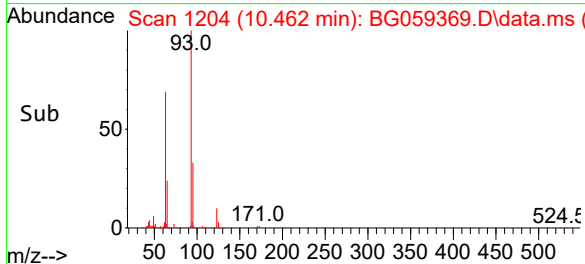
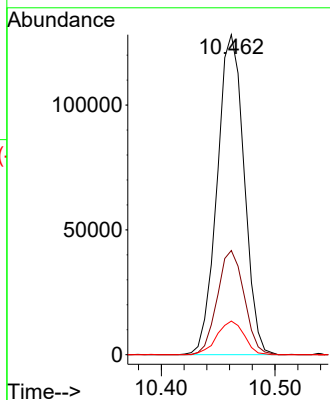
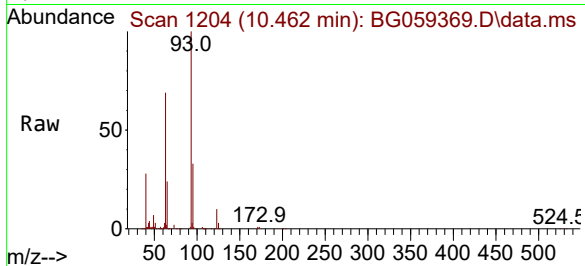




#27
 Bis(2-Chloroethoxy)methane
 Concen: 40.950 ng/ul
 RT: 10.462 min Scan# 1204
 Delta R.T. 0.003 min
 Lab File: BG059369.D
 Acq: 8 Oct 2023 9:49

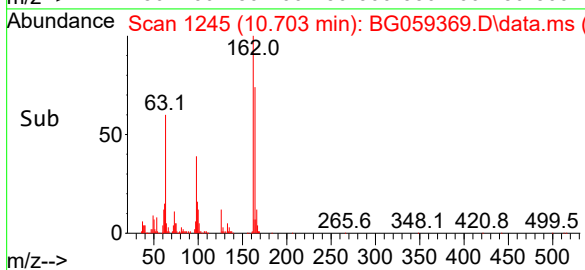
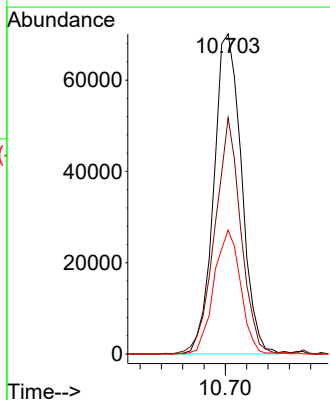
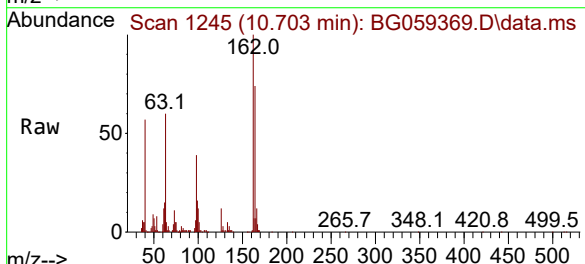
Instrument :
 BNA_G
 ClientSampleId :
 BBJR1MSD

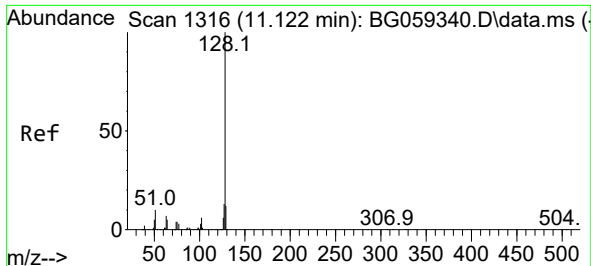
Tgt Ion: 93 Resp: 210901
 Ion Ratio Lower Upper
 93 100
 95 32.5 27.0 40.6
 123 10.5 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 35.078 ng/ul
 RT: 10.703 min Scan# 1245
 Delta R.T. 0.003 min
 Lab File: BG059369.D
 Acq: 8 Oct 2023 9:49

Tgt Ion:162 Resp: 126337
 Ion Ratio Lower Upper
 162 100
 164 73.9 53.5 80.3
 98 38.7 28.5 42.7

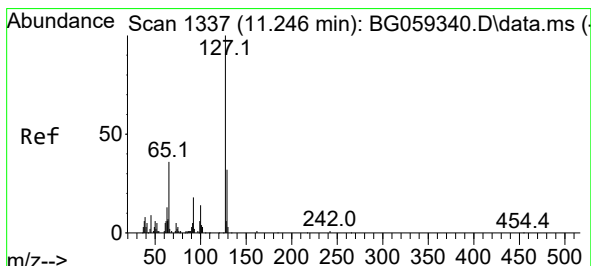
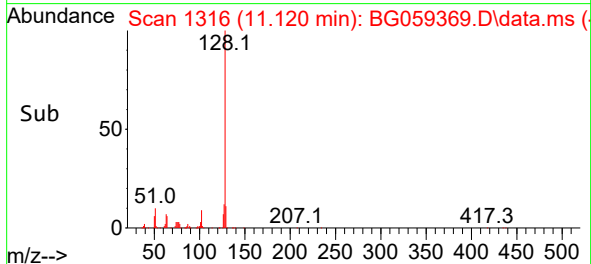
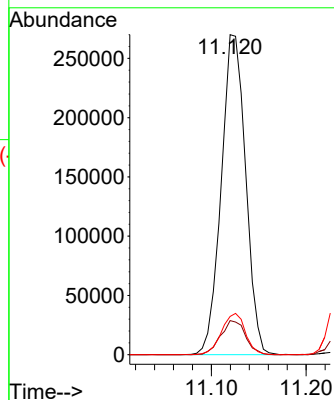
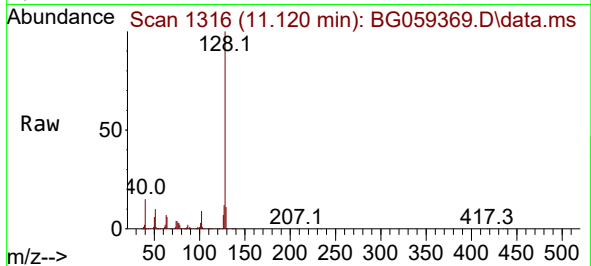




#30
Naphthalene
Concen: 38.898 ng/ul
RT: 11.120 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

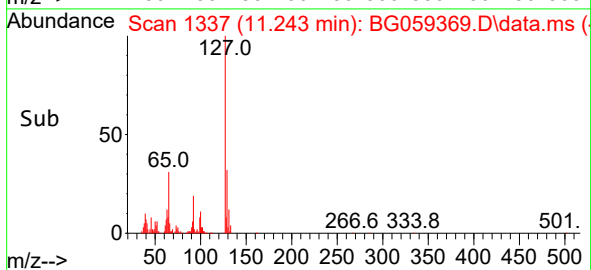
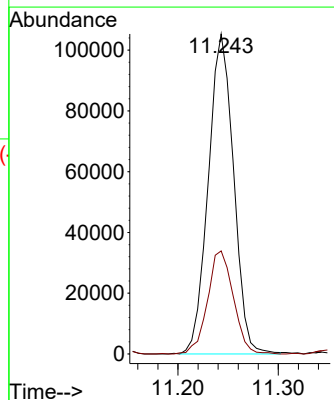
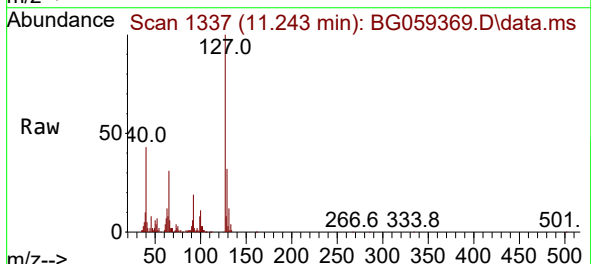
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

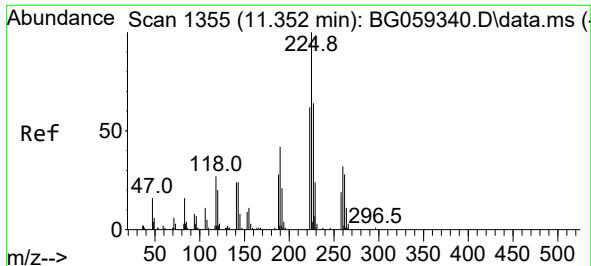
Tgt Ion:128 Resp: 483845
Ion Ratio Lower Upper
128 100
129 10.7 9.5 14.3
127 12.0 10.4 15.6



#32
4-Chloroaniline
Concen: 34.376 ng/ul
RT: 11.243 min Scan# 1337
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:127 Resp: 184759
Ion Ratio Lower Upper
127 100
129 32.2 25.9 38.9

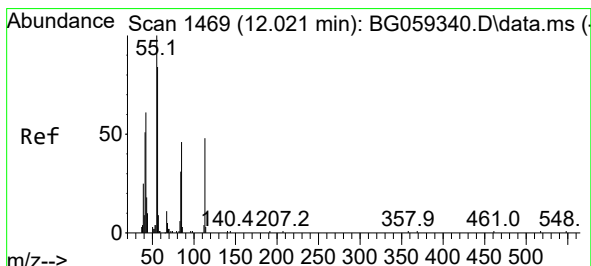
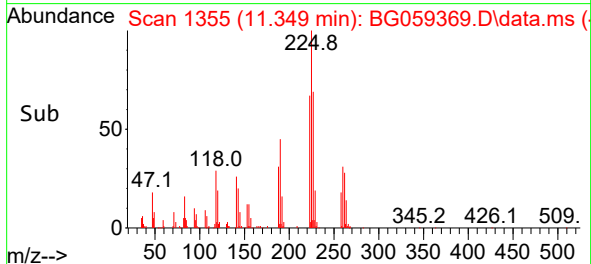
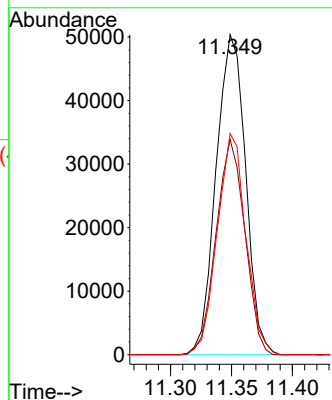
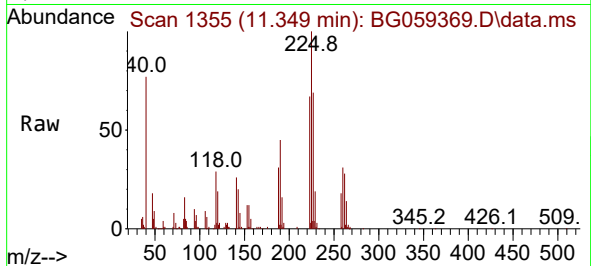




#33
Hexachlorobutadiene
Concen: 39.038 ng/ul
RT: 11.349 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

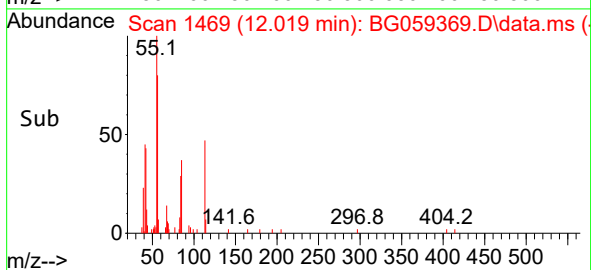
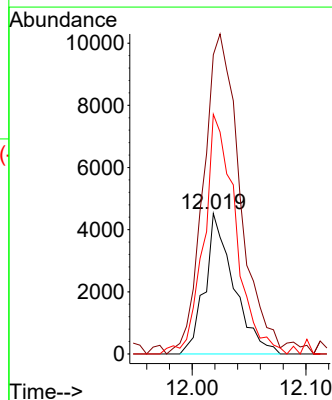
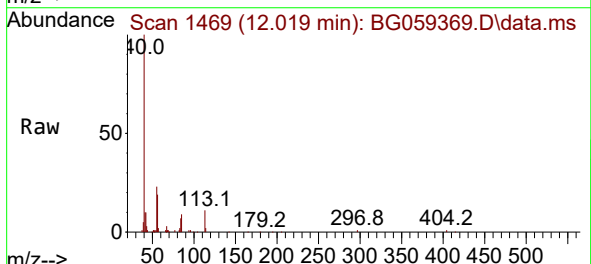
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

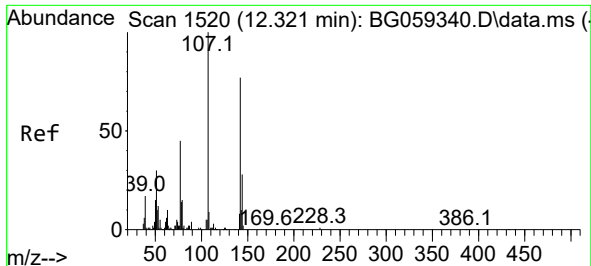
Tgt Ion:225 Resp: 84891
Ion Ratio Lower Upper
225 100
223 64.5 48.2 72.2
227 66.3 49.5 74.3



#34
Caprolactam
Concen: 6.114 ng/ul
RT: 12.019 min Scan# 1469
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:113 Resp: 7996
Ion Ratio Lower Upper
113 100
55 213.1 169.1 253.7
56 170.7 141.7 212.5

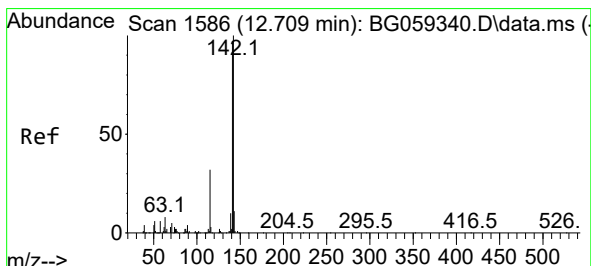
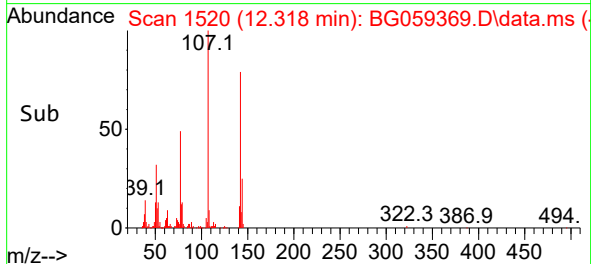
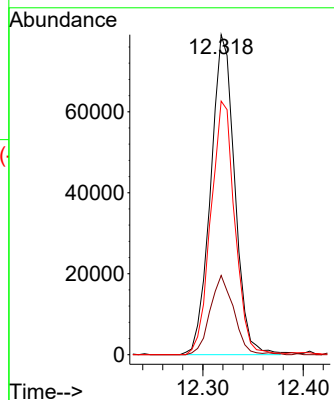
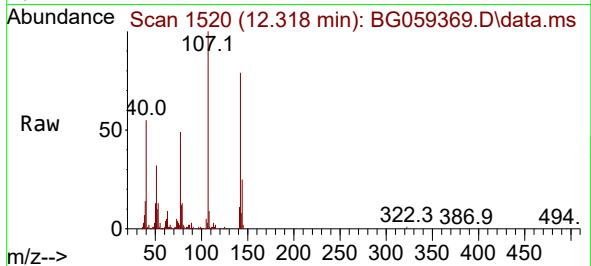




#35
4-Chloro-3-methylphenol
Concen: 34.079 ng/ul
RT: 12.318 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

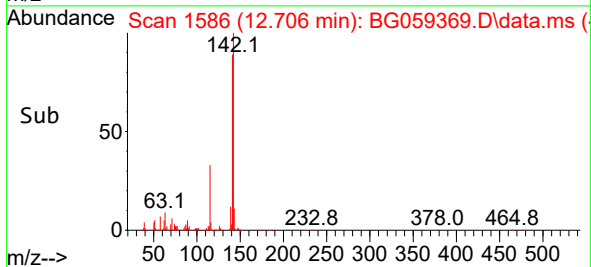
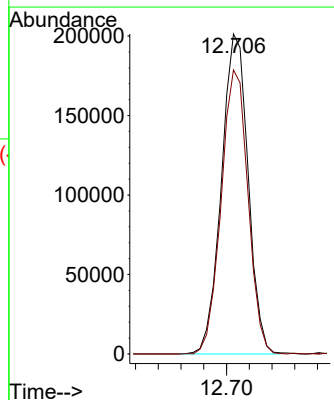
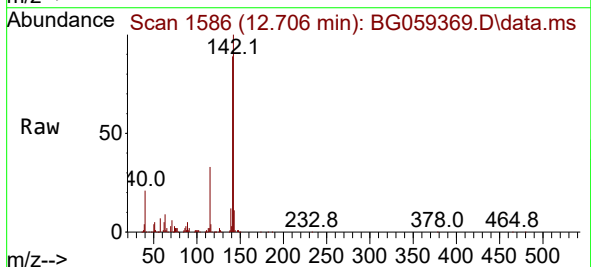
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

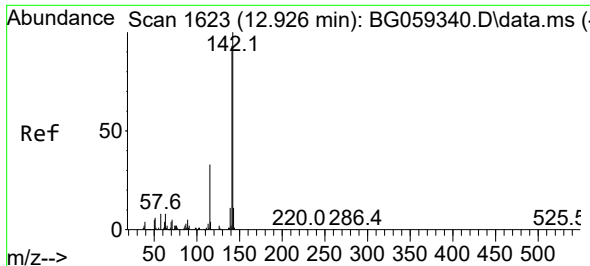
Tgt Ion:107 Resp: 131706
Ion Ratio Lower Upper
107 100
144 24.8 22.0 33.0
142 79.3 61.6 92.4



#36
2-Methylnaphthalene
Concen: 39.504 ng/ul
RT: 12.706 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:142 Resp: 327589
Ion Ratio Lower Upper
142 100
141 88.7 77.8 116.6





#37

1-Methylnaphthalene

Concen: 38.389 ng/ul

RT: 12.923 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

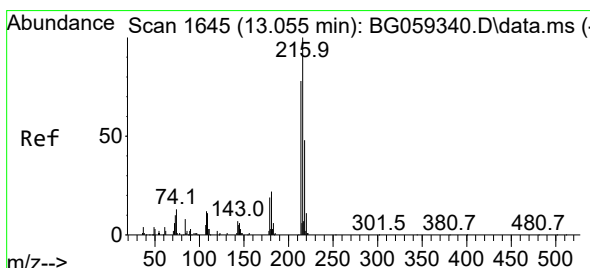
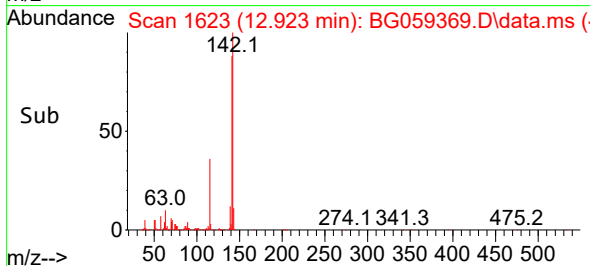
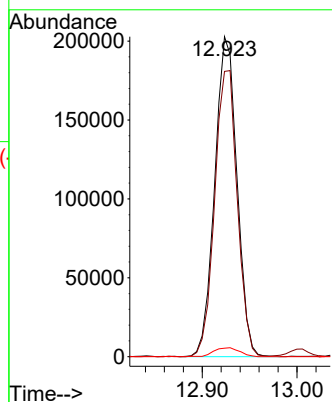
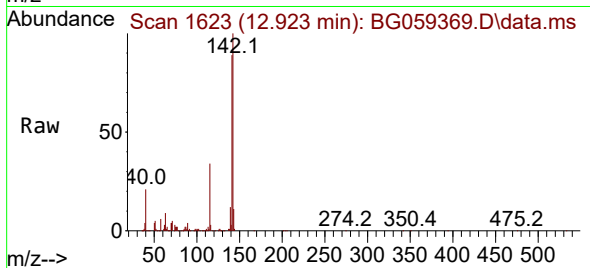
Tgt Ion:142 Resp: 330527

Ion Ratio Lower Upper

142 100

141 89.2 74.3 111.5

116 2.7 2.9 4.3#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.643 ng/ul

RT: 13.053 min Scan# 1645

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Tgt Ion:216 Resp: 168110

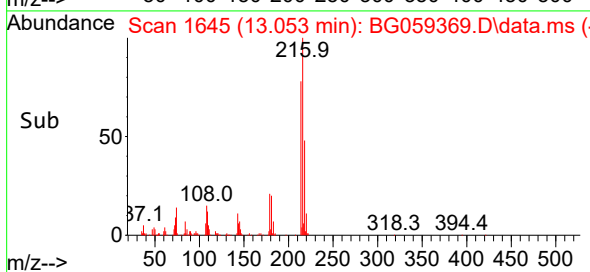
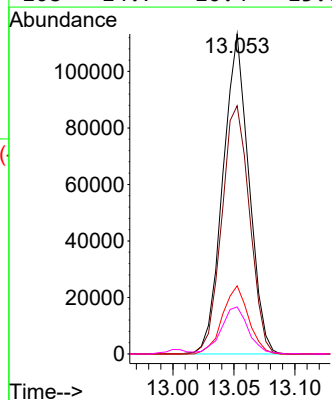
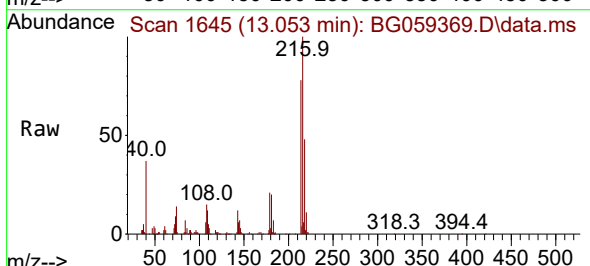
Ion Ratio Lower Upper

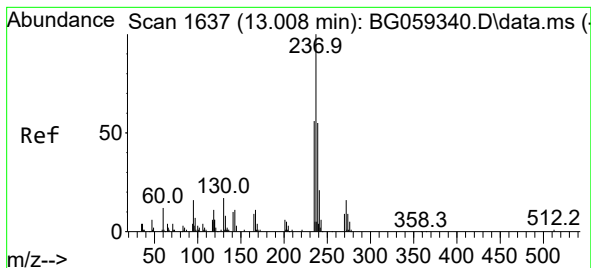
216 100

214 77.5 63.0 94.6

179 21.3 15.0 22.6

108 14.7 10.4 15.6





#40

Hexachlorocyclopentadiene

Concen: 28.304 ng/ul

RT: 13.000 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

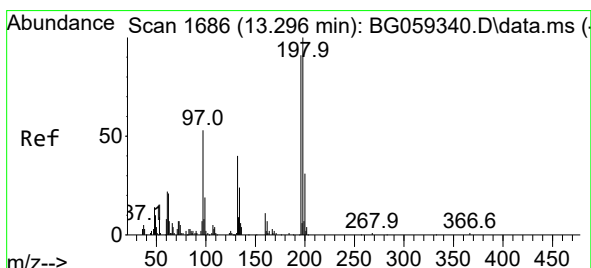
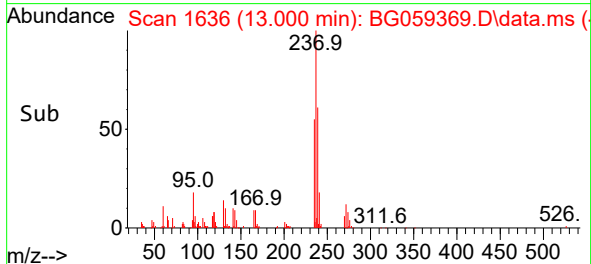
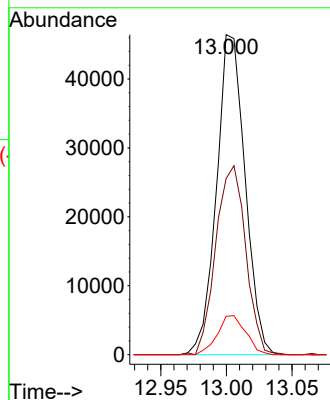
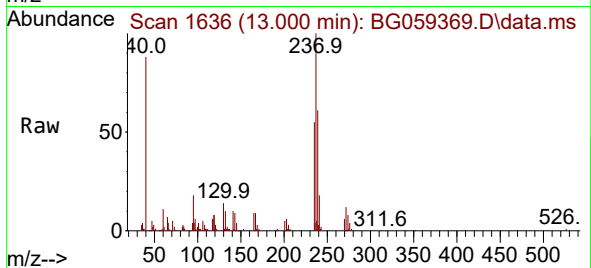
Tgt Ion:237 Resp: 70286

Ion Ratio Lower Upper

237 100

235 55.0 48.4 72.6

272 12.0 13.3 19.9#



#41

2,4,6-Trichlorophenol

Concen: 39.752 ng/ul

RT: 13.294 min Scan# 1686

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

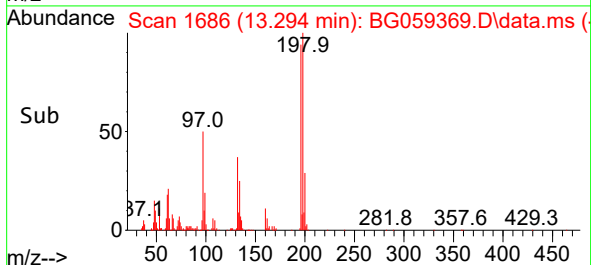
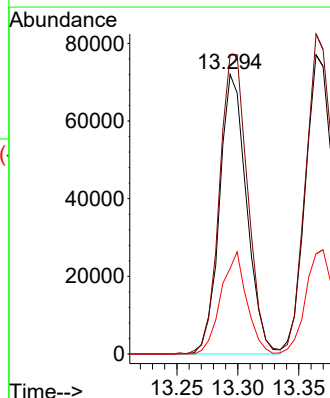
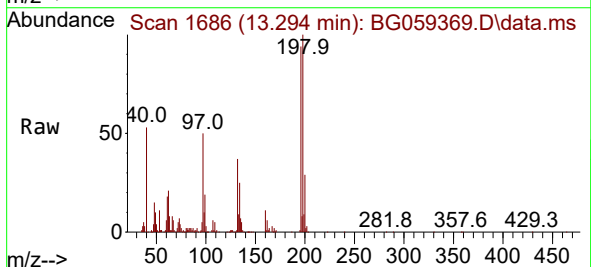
Tgt Ion:196 Resp: 111569

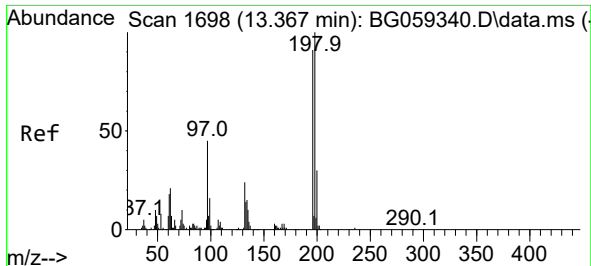
Ion Ratio Lower Upper

196 100

198 106.9 88.6 132.8

200 30.6 27.2 40.8

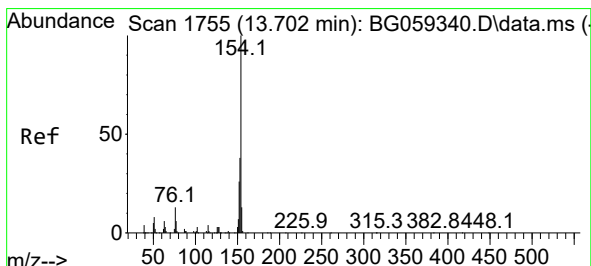
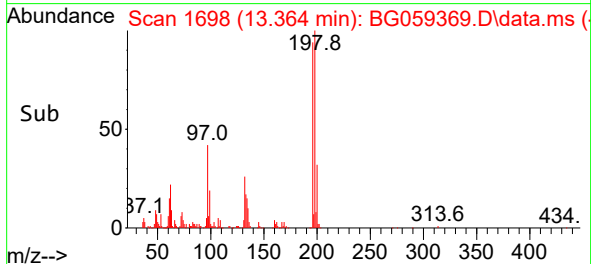
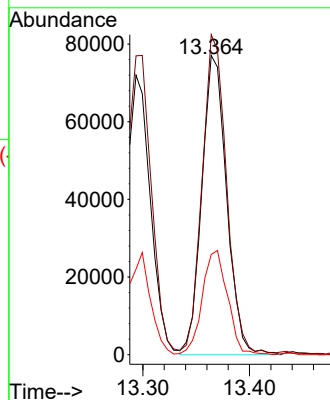
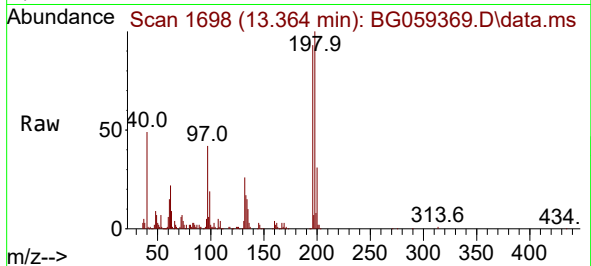




#42
2,4,5-Trichlorophenol
Concen: 41.000 ng/ul
RT: 13.364 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

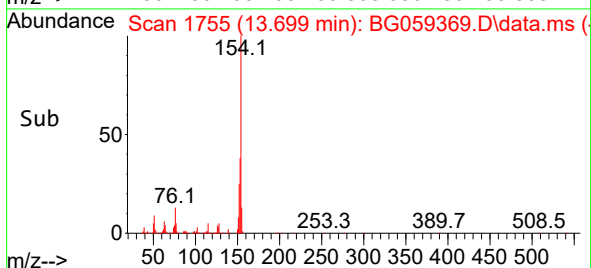
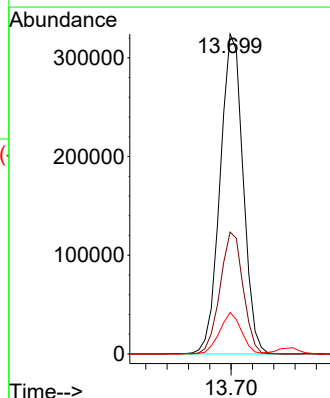
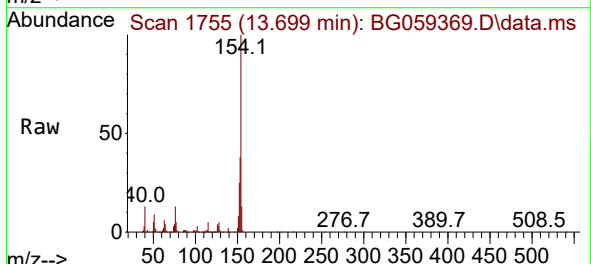
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

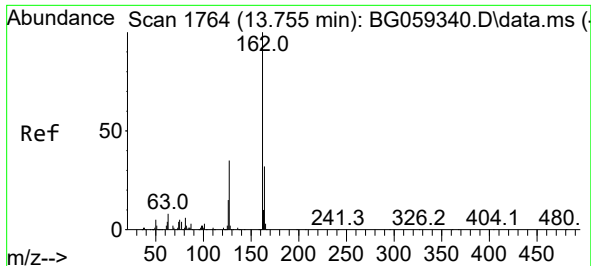
Tgt Ion:196 Resp: 124977
Ion Ratio Lower Upper
196 100
198 107.0 87.8 131.8
200 33.5 26.4 39.6



#43
1,1'-Biphenyl
Concen: 42.391 ng/ul
RT: 13.699 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:154 Resp: 484494
Ion Ratio Lower Upper
154 100
153 38.1 30.1 45.1
76 12.9 10.3 15.5

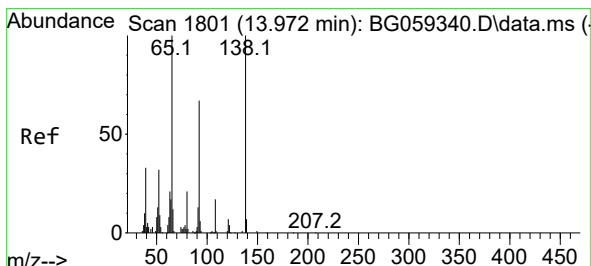
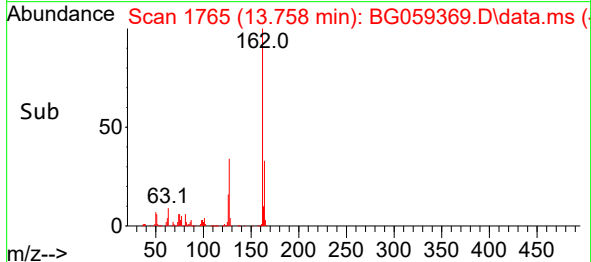
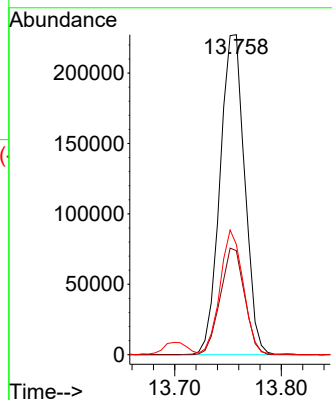
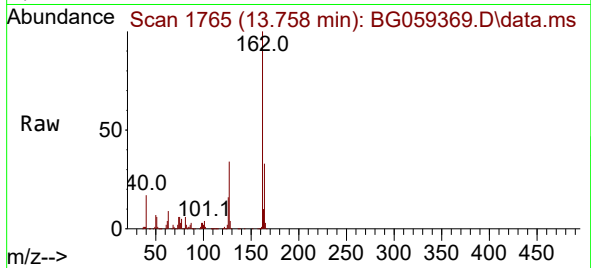




#44
2-Chloronaphthalene
Concen: 41.595 ng/ul
RT: 13.758 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

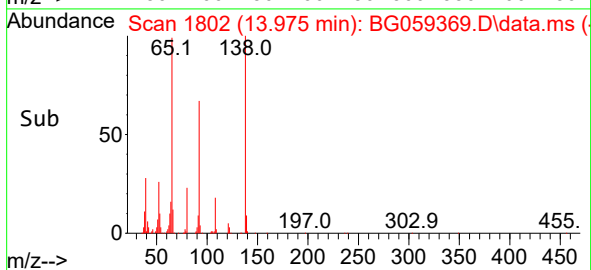
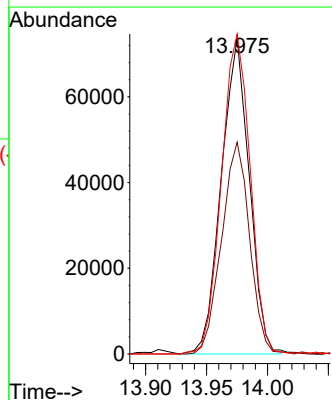
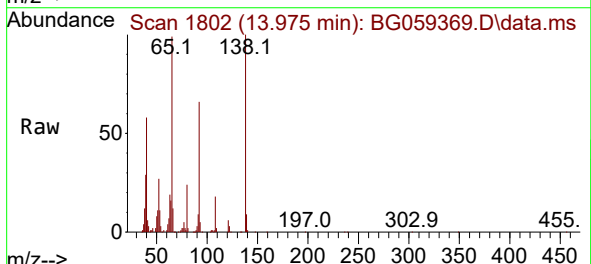
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

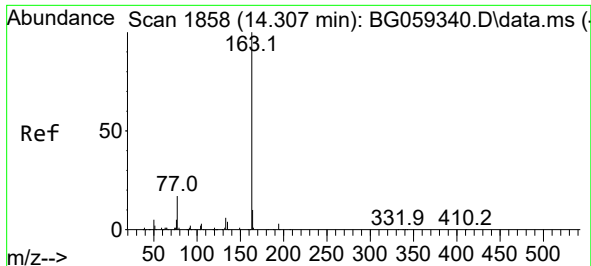
Tgt Ion:162 Resp: 365423
Ion Ratio Lower Upper
162 100
164 32.5 25.7 38.5
127 34.5 29.4 44.2



#45
2-Nitroaniline
Concen: 40.874 ng/ul
RT: 13.975 min Scan# 1802
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion: 65 Resp: 117584
Ion Ratio Lower Upper
65 100
92 66.9 53.8 80.8
138 101.1 80.0 120.0

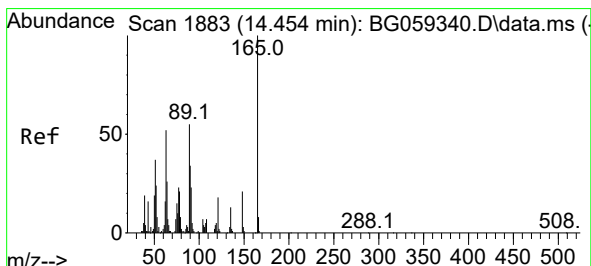
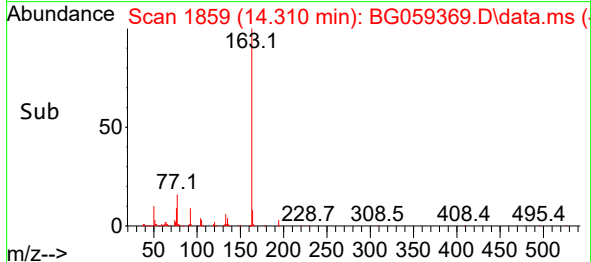
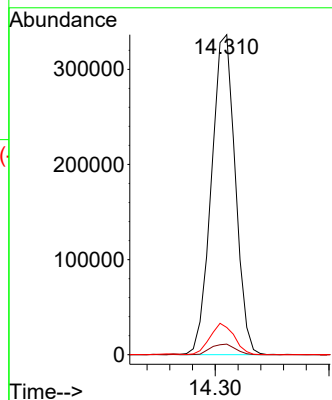
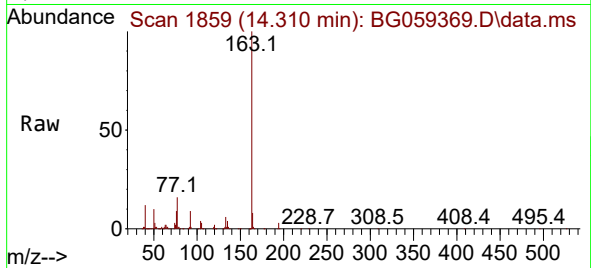




#47
Dimethylphthalate
Concen: 42.902 ng/ul
RT: 14.310 min Scan# 1859
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

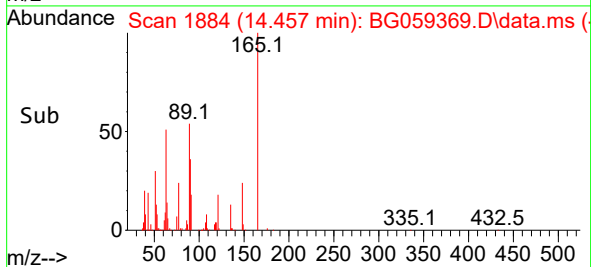
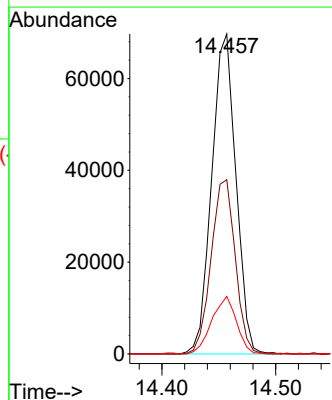
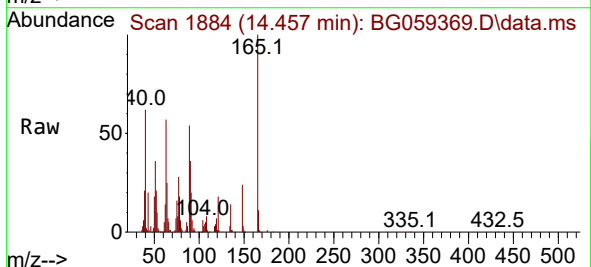
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

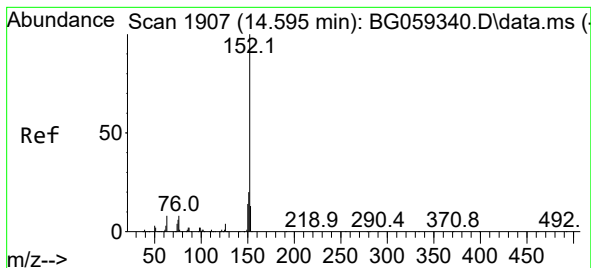
Tgt Ion:163 Resp: 490523
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 8.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 44.587 ng/ul
RT: 14.457 min Scan# 1884
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:165 Resp: 102848
Ion Ratio Lower Upper
165 100
89 54.5 43.6 65.4
121 18.0 14.7 22.1





#50

Acenaphthylene

Concen: 40.957 ng/ul

RT: 14.598 min Scan# 1907

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

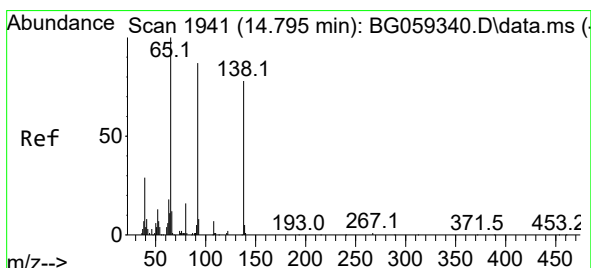
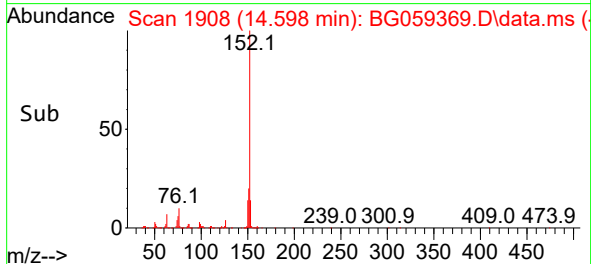
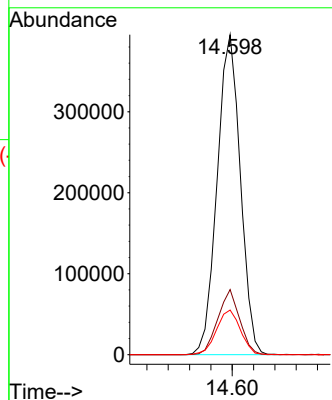
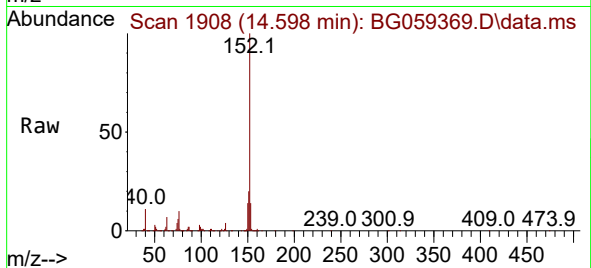
Tgt Ion:152 Resp: 596040

Ion Ratio Lower Upper

152 100

151 20.4 15.8 23.8

153 14.0 10.3 15.5



#51

3-Nitroaniline

Concen: 45.208 ng/ul

RT: 14.798 min Scan# 1942

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

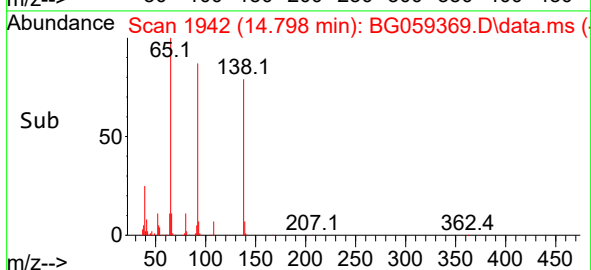
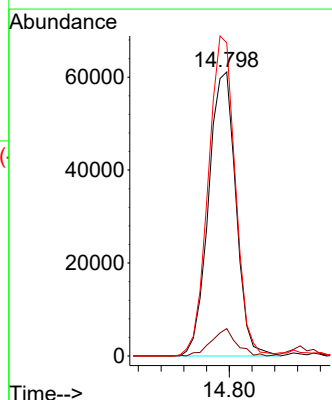
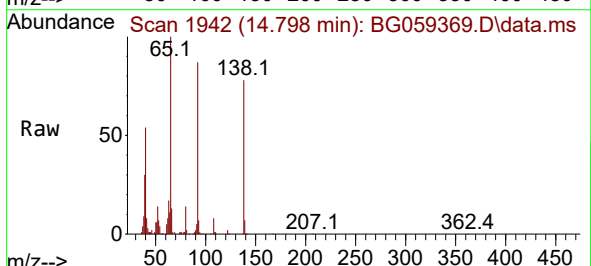
Tgt Ion:138 Resp: 102113

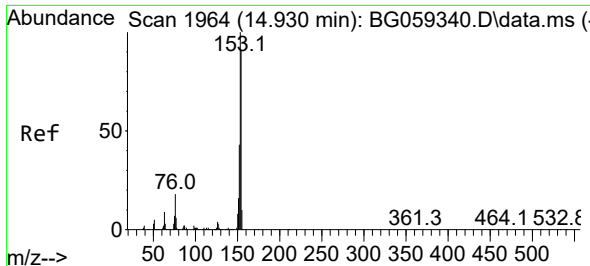
Ion Ratio Lower Upper

138 100

108 9.7 7.4 11.0

92 110.3 89.1 133.7

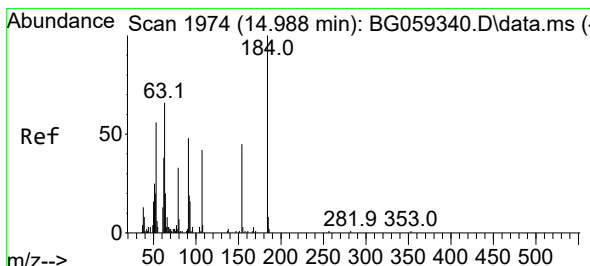
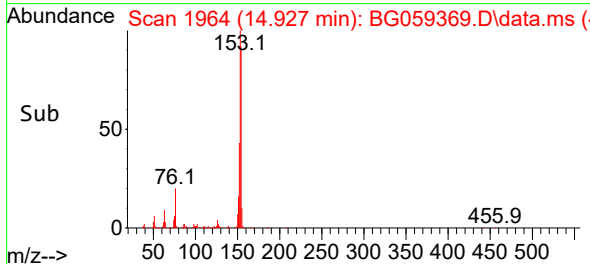
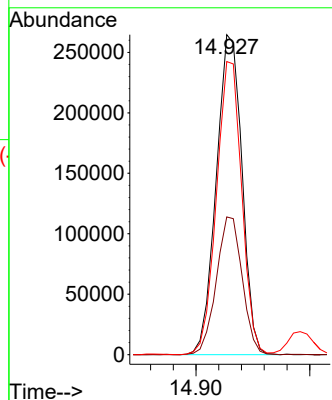
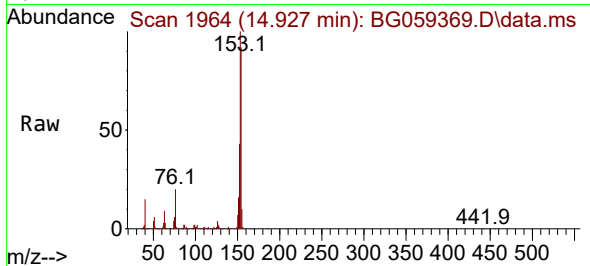




#52
Acenaphthene
Concen: 42.273 ng/ul
RT: 14.927 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

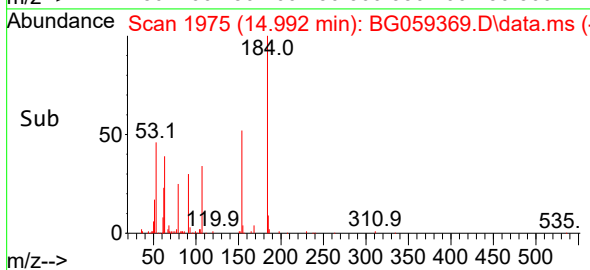
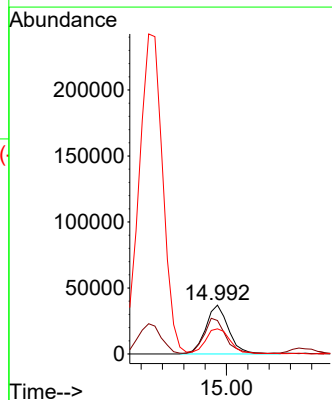
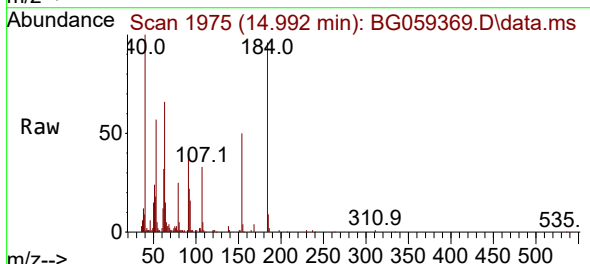
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

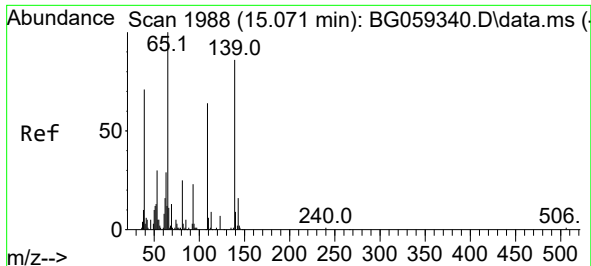
Tgt Ion:153 Resp: 416240
Ion Ratio Lower Upper
153 100
152 43.1 34.6 52.0
154 91.6 73.0 109.4



#53
2,4-Dinitrophenol
Concen: 33.314 ng/ul
RT: 14.992 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:184 Resp: 55197
Ion Ratio Lower Upper
184 100
63 68.7 54.9 82.3
154 51.7 44.9 67.3

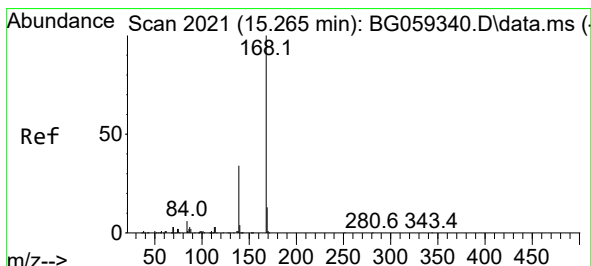
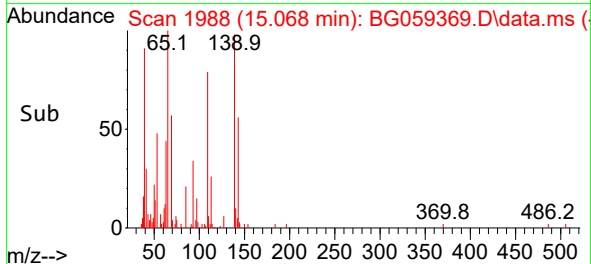
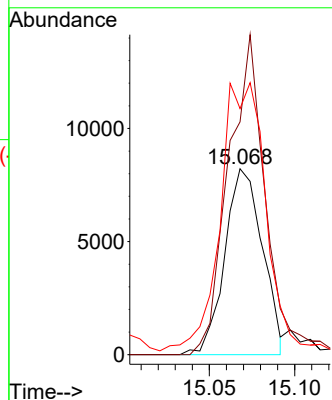
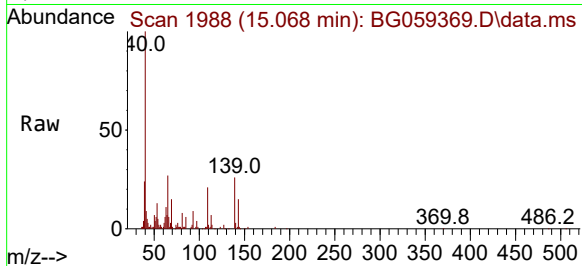




#55
4-Nitrophenol
Concen: 8.795 ng/ul
RT: 15.068 min Scan# 1988
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

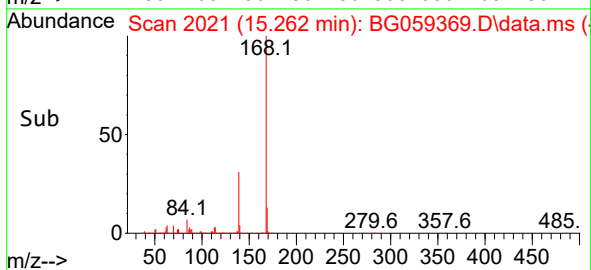
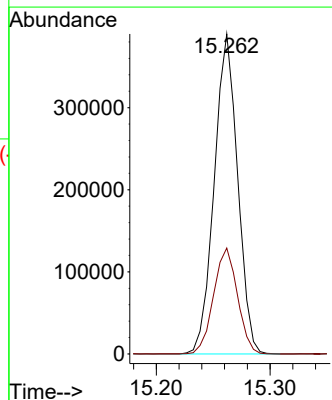
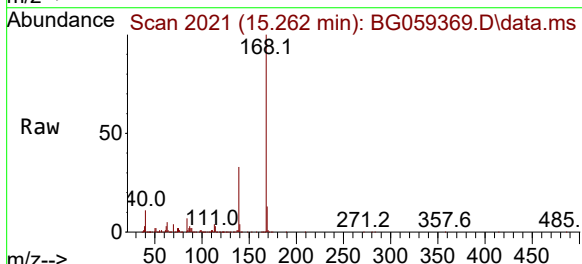
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

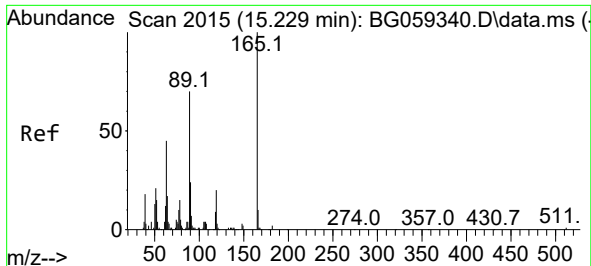
Tgt Ion:109 Resp: 12651
Ion Ratio Lower Upper
109 100
139 125.2 107.9 161.9
65 132.4 126.6 189.8



#56
Dibenzofuran
Concen: 41.007 ng/ul
RT: 15.262 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:168 Resp: 557125
Ion Ratio Lower Upper
168 100
139 33.1 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 43.289 ng/ul

RT: 15.232 min Scan# 2016

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

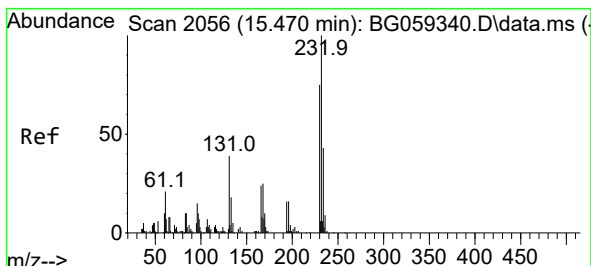
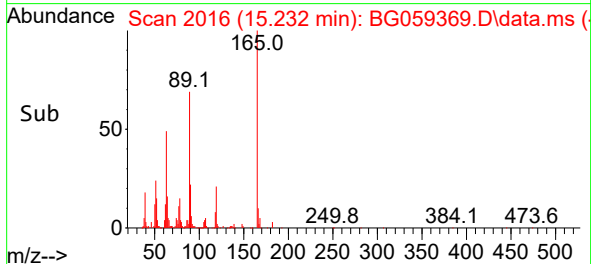
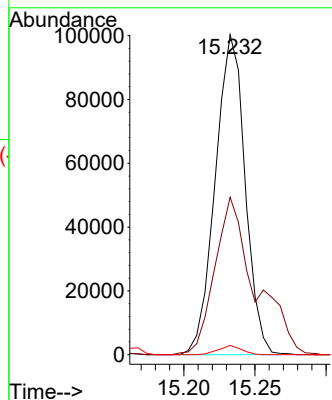
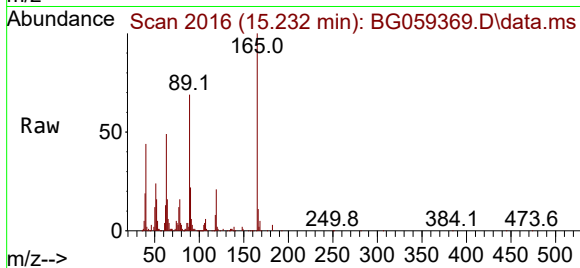
Tgt Ion:165 Resp: 146240

Ion Ratio Lower Upper

165 100

63 49.2 36.4 54.6

182 2.9 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.372 ng/ul

RT: 15.473 min Scan# 2057

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Tgt Ion:232 Resp: 118083

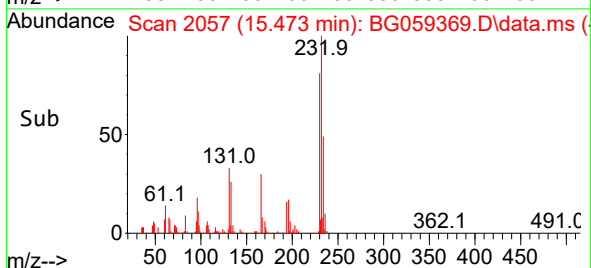
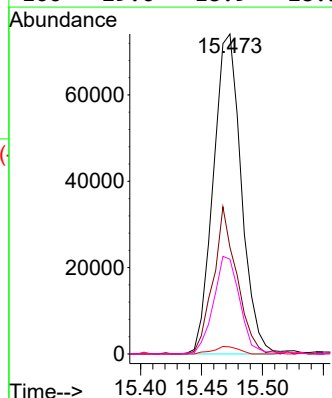
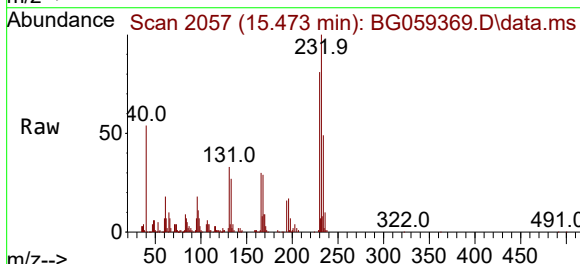
Ion Ratio Lower Upper

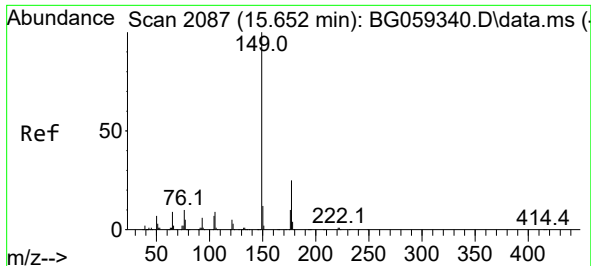
232 100

131 33.3 31.0 46.6

130 2.2 1.8 2.6

166 29.6 18.9 28.3#

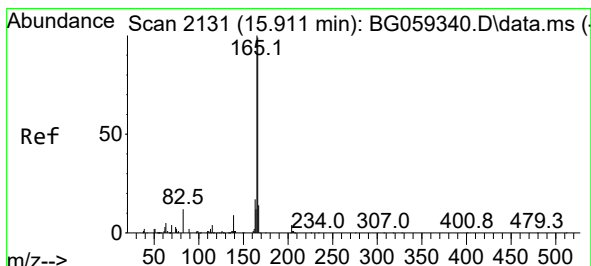
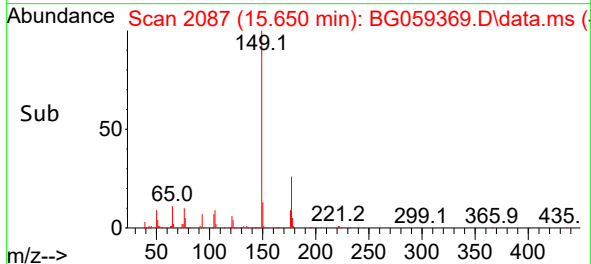
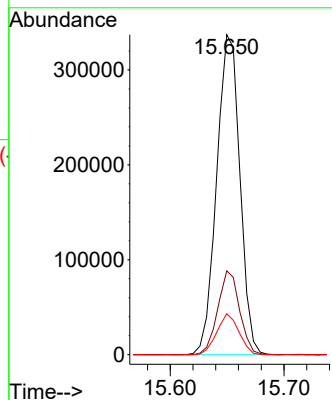
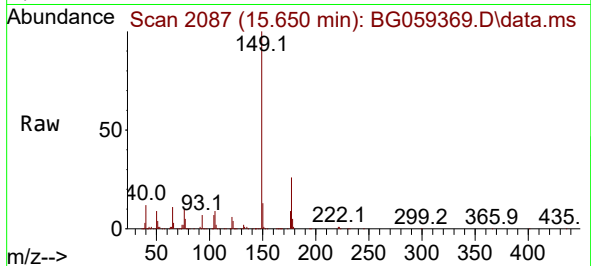




#59
Diethylphthalate
Concen: 42.080 ng/ul
RT: 15.650 min Scan# 2087
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

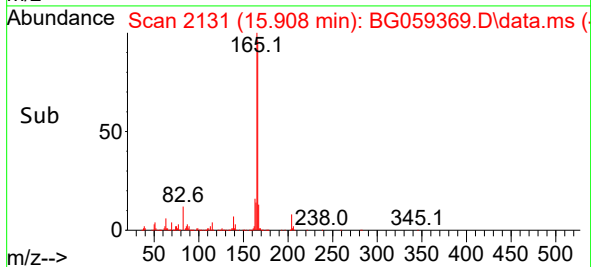
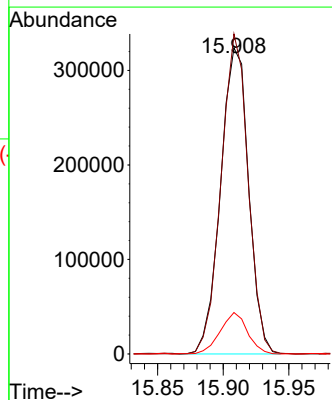
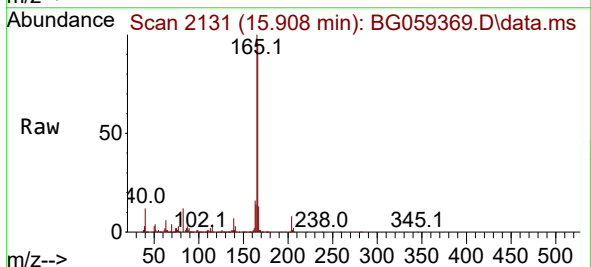
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

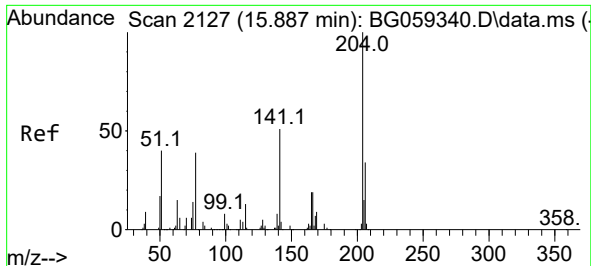
Tgt Ion:149 Resp: 478518
Ion Ratio Lower Upper
149 100
177 26.2 20.1 30.1
150 12.8 9.4 14.2



#61
Fluorene
Concen: 41.743 ng/ul
RT: 15.908 min Scan# 2131
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:166 Resp: 482534
Ion Ratio Lower Upper
166 100
165 104.5 81.0 121.6
167 13.6 11.7 17.5

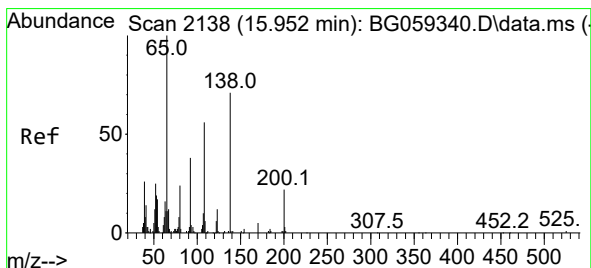
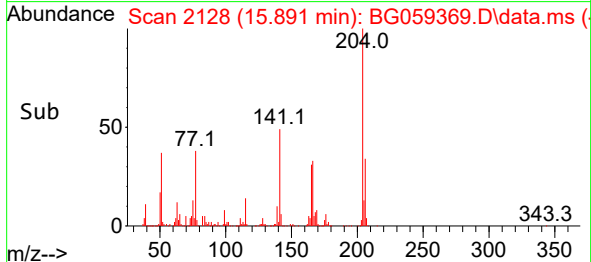
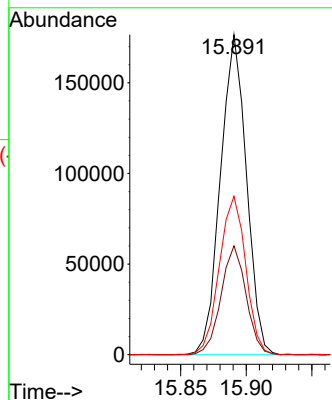
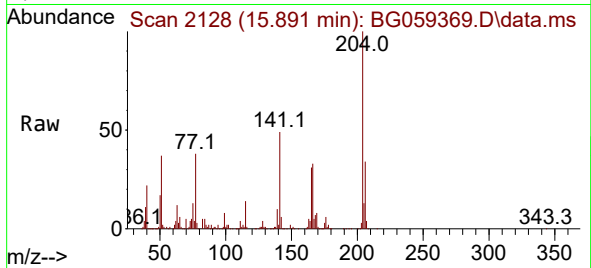




#62
4-Chlorophenyl-phenylether
Concen: 42.541 ng/ul
RT: 15.891 min Scan# 2127
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

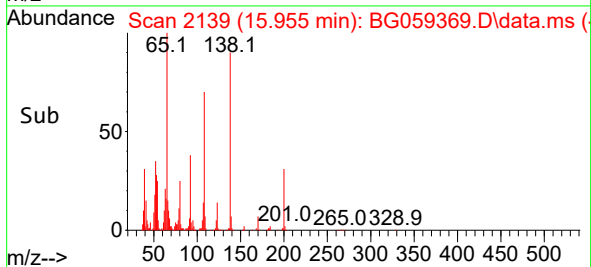
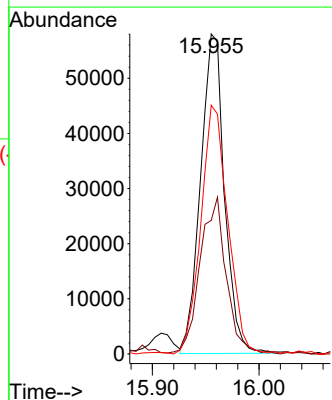
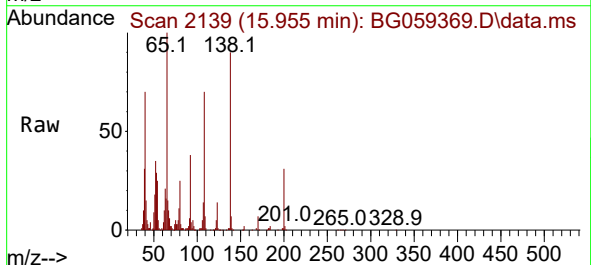
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

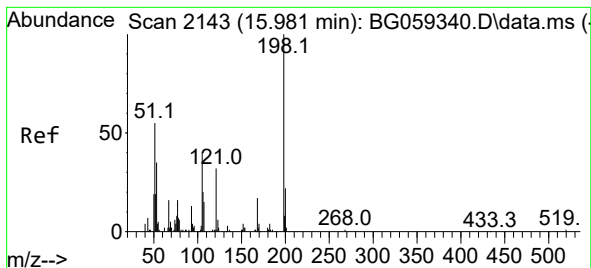
Tgt Ion:204 Resp: 242987
Ion Ratio Lower Upper
204 100
206 34.0 26.9 40.3
141 49.5 40.7 61.1



#63
4-Nitroaniline
Concen: 44.689 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:138 Resp: 90874
Ion Ratio Lower Upper
138 100
92 41.7 44.1 66.1#
108 77.8 63.3 94.9

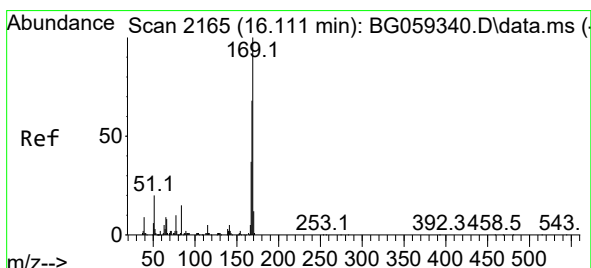
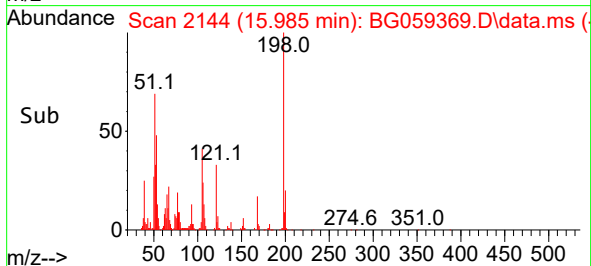
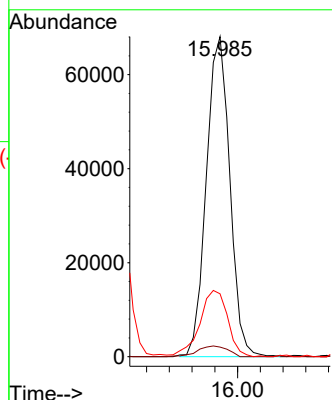
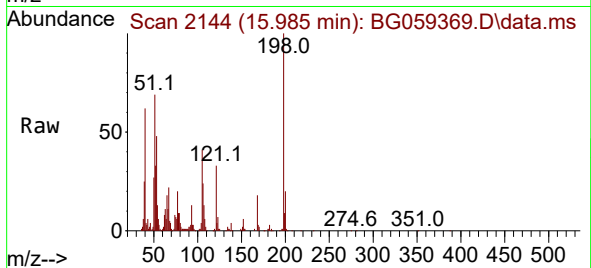




#66
4,6-Dinitro-2-methylphenol
Concen: 43.568 ng/ul
RT: 15.985 min Scan# 2143
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

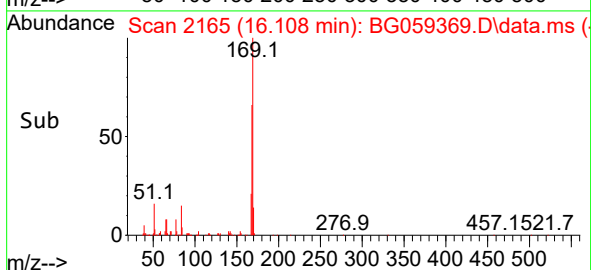
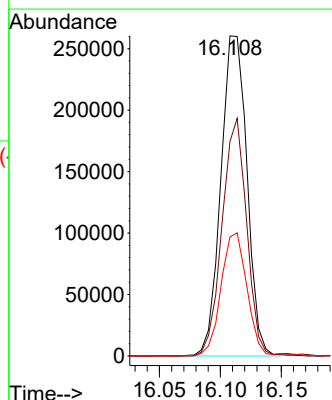
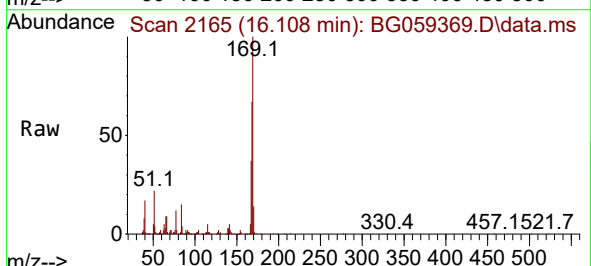
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

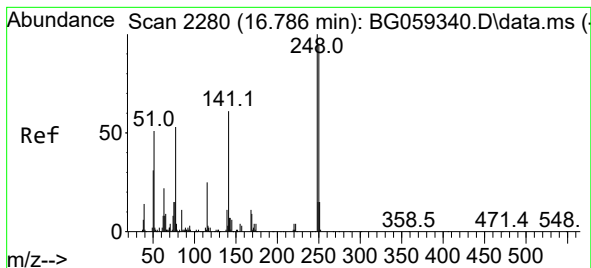
Tgt Ion:198 Resp: 97518
Ion Ratio Lower Upper
198 100
182 3.0 3.1 4.7#
77 19.6 13.8 20.6



#67
N-Nitrosodiphenylamine
Concen: 43.117 ng/ul
RT: 16.108 min Scan# 2165
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:169 Resp: 388916
Ion Ratio Lower Upper
169 100
168 67.0 54.6 82.0
167 37.2 29.5 44.3

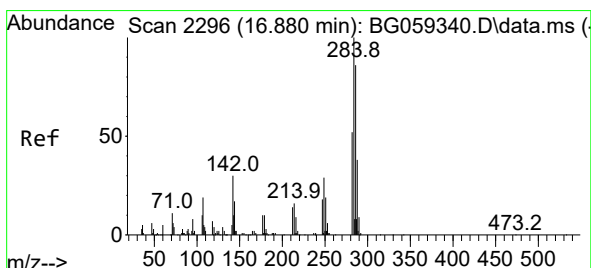
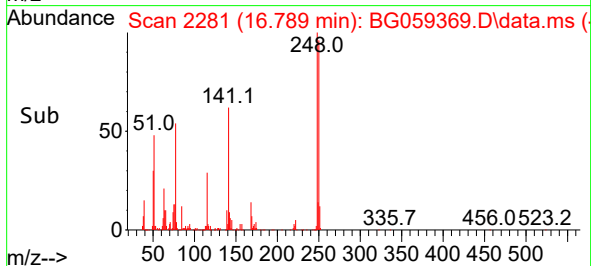
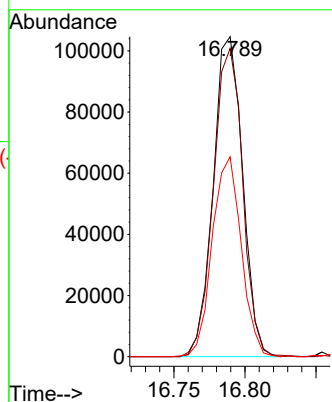
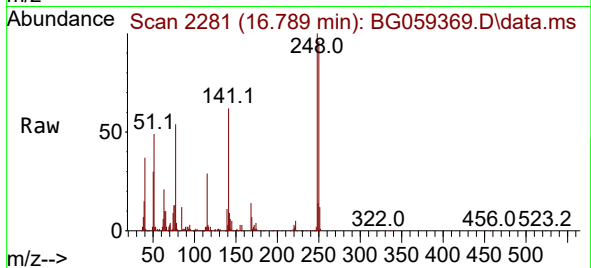




#68
4-Bromophenyl-phenylether
Concen: 44.426 ng/ul
RT: 16.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

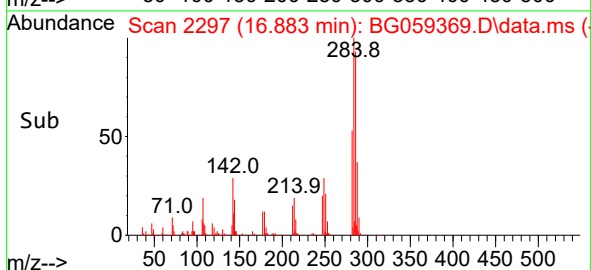
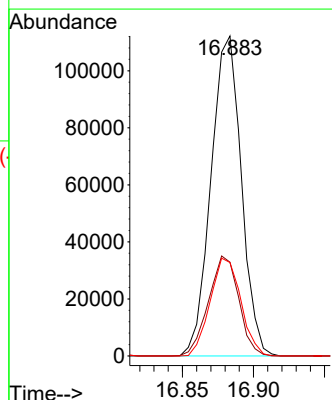
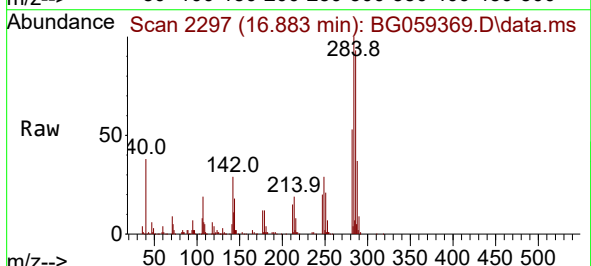
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

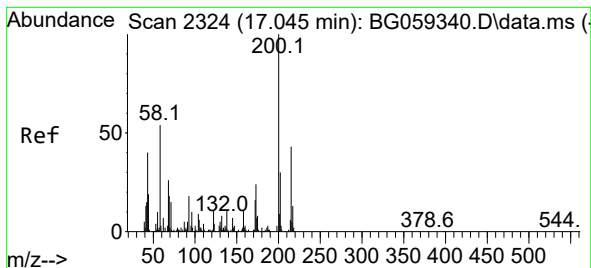
Tgt Ion:248 Resp: 150367
Ion Ratio Lower Upper
248 100
250 96.3 75.0 112.4
141 62.4 49.0 73.6



#69
Hexachlorobenzene
Concen: 43.118 ng/ul
RT: 16.883 min Scan# 2297
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:284 Resp: 166583
Ion Ratio Lower Upper
284 100
142 29.3 23.8 35.8
249 29.2 23.0 34.6





#70

Atrazine

Concen: 40.349 ng/ul

RT: 17.048 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

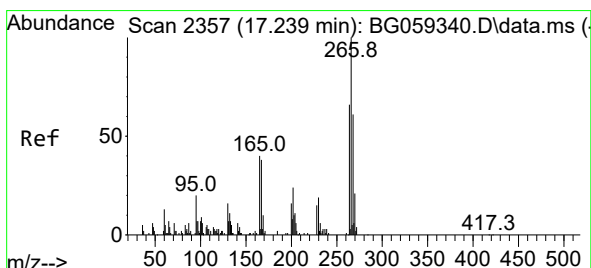
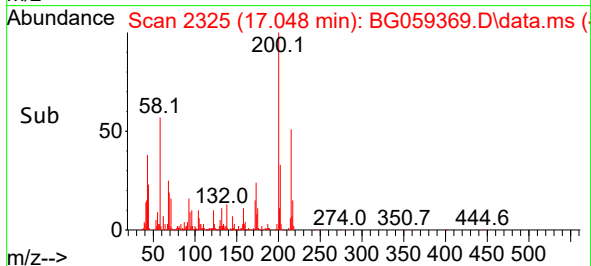
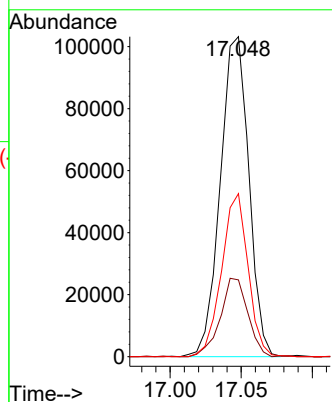
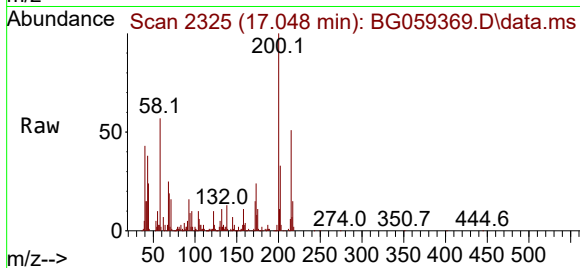
Tgt Ion:200 Resp: 144300

Ion Ratio Lower Upper

200 100

173 24.0 19.4 29.0

215 51.0 34.2 51.4



#71

Pentachlorophenol

Concen: 45.798 ng/ul

RT: 17.236 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

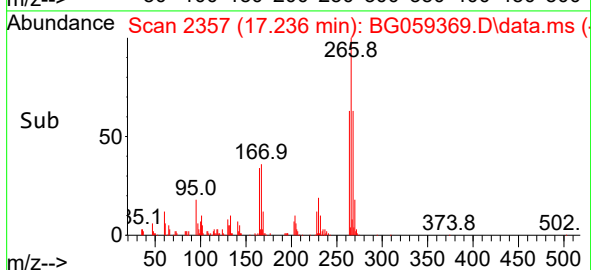
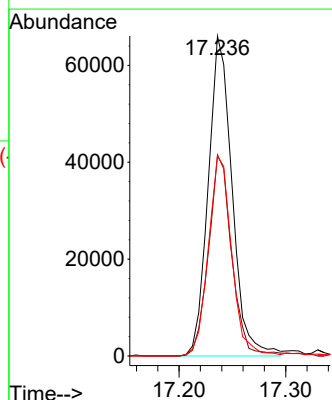
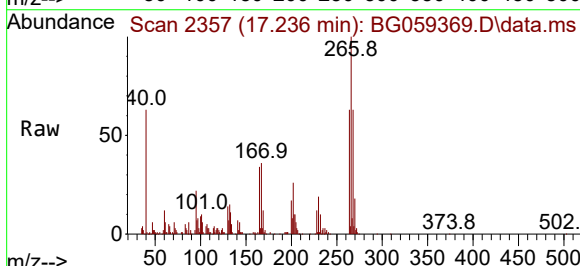
Tgt Ion:266 Resp: 102834

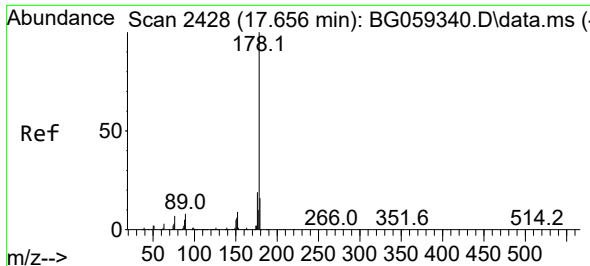
Ion Ratio Lower Upper

266 100

264 62.8 55.0 82.6

268 62.5 48.5 72.7

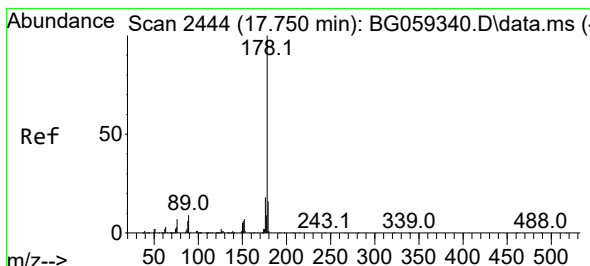
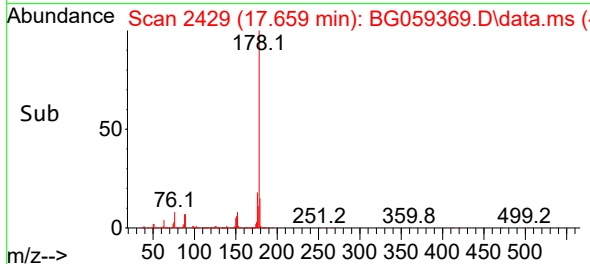
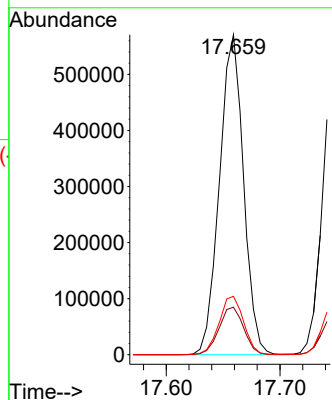
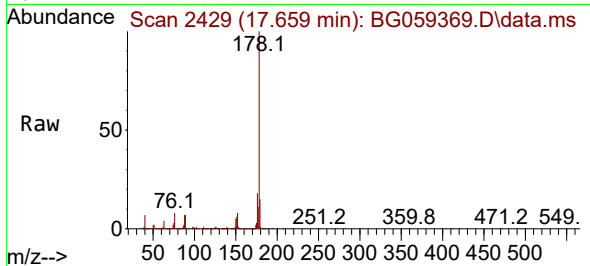




#72
Phenanthrene
Concen: 44.428 ng/ul
RT: 17.659 min Scan# 2428
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

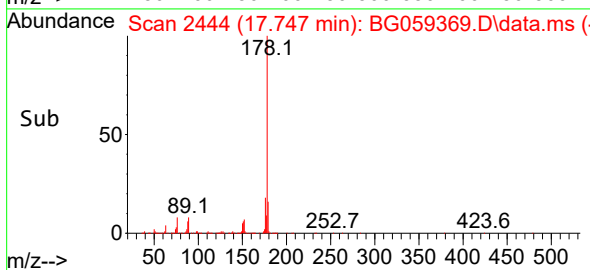
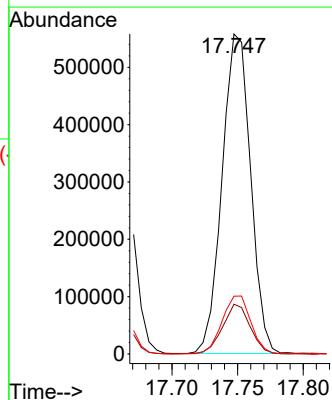
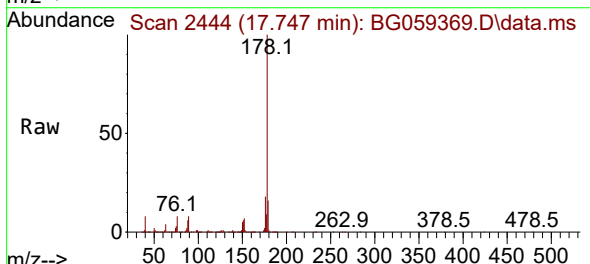
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

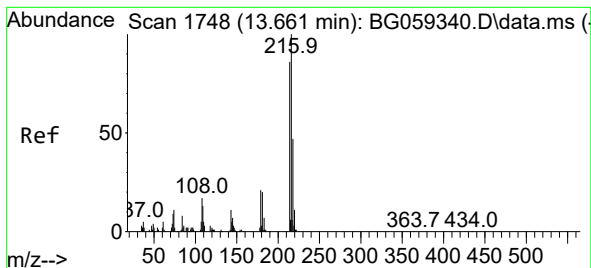
Tgt Ion:178 Resp: 838673
Ion Ratio Lower Upper
178 100
179 14.8 12.4 18.6
176 18.2 15.2 22.8



#74
Anthracene
Concen: 43.848 ng/ul
RT: 17.747 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:178 Resp: 841848
Ion Ratio Lower Upper
178 100
179 15.5 12.5 18.7
176 18.0 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 42.268 ng/uL

RT: 13.658 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

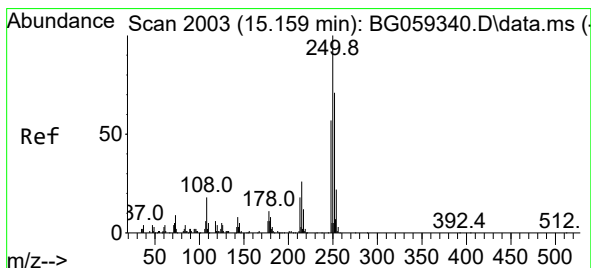
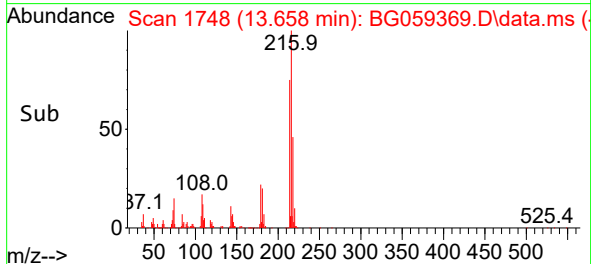
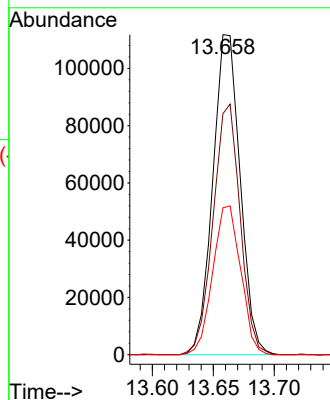
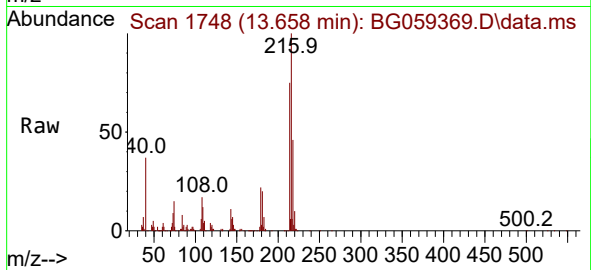
Tgt Ion:216 Resp: 175032

Ion Ratio Lower Upper

216 100

214 75.3 68.5 102.7

218 45.9 37.8 56.8



#76

Pentachlorobenzene

Concen: 39.457 ng/uL

RT: 15.156 min Scan# 2003

Delta R.T. -0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

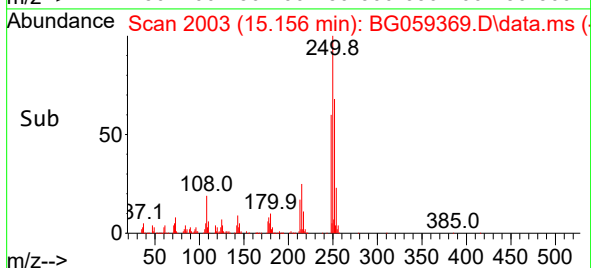
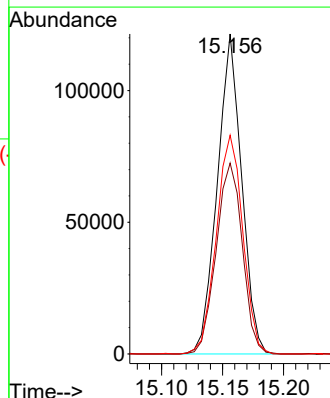
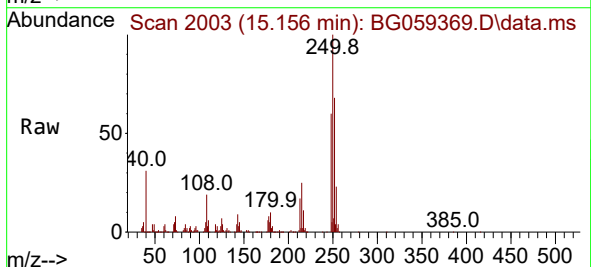
Tgt Ion:250 Resp: 169103

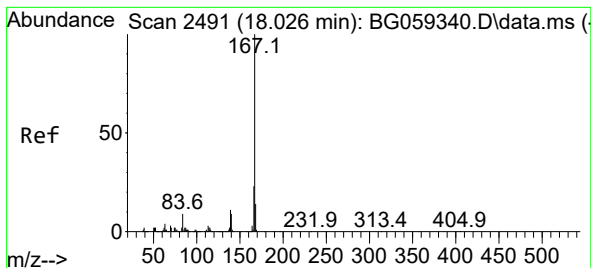
Ion Ratio Lower Upper

250 100

248 59.7 45.4 68.2

252 68.3 56.6 84.8





#77

Carbazole

Concen: 45.464 ng/ul

RT: 18.029 min Scan# 2491

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

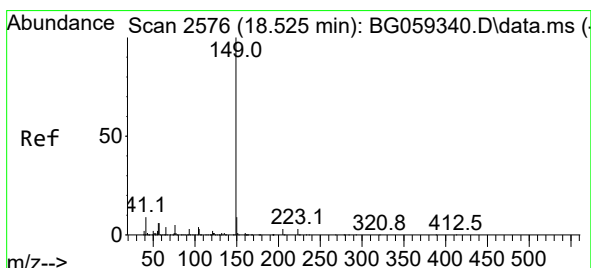
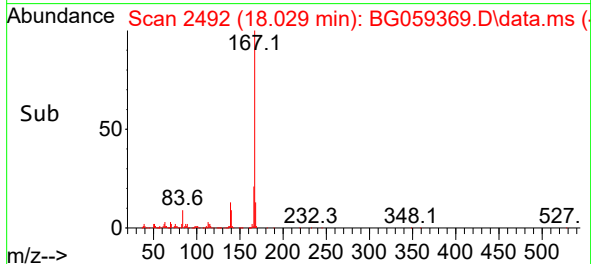
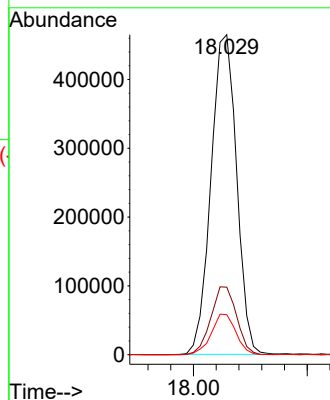
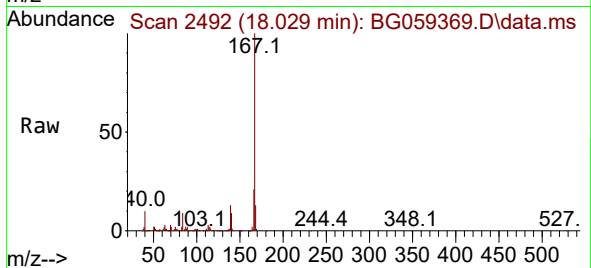
Tgt Ion:167 Resp: 726399

Ion Ratio Lower Upper

167 100

166 21.1 18.2 27.4

139 12.5 9.1 13.7



#78

Di-n-butylphthalate

Concen: 46.557 ng/ul

RT: 18.529 min Scan# 2577

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

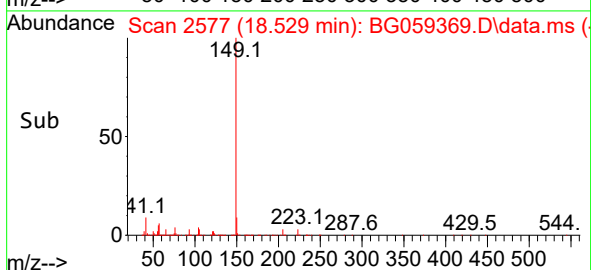
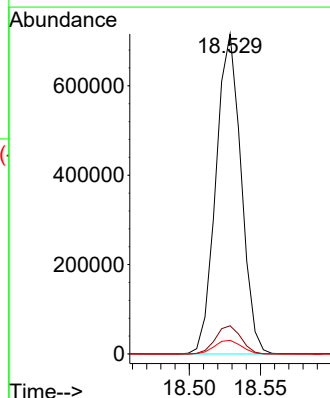
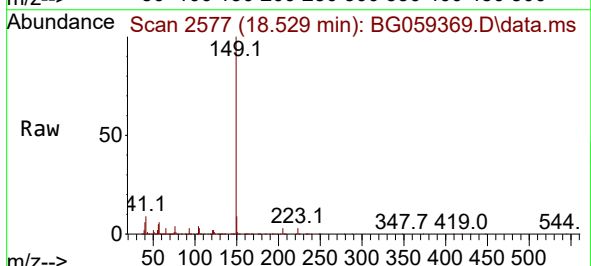
Tgt Ion:149 Resp: 880068

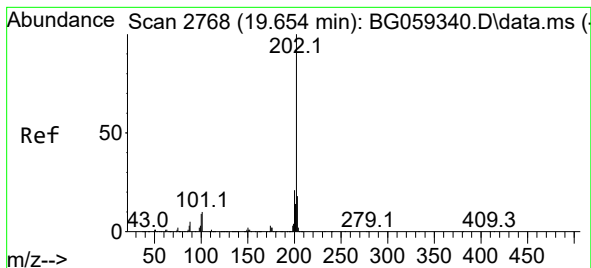
Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

104 4.3 3.4 5.2

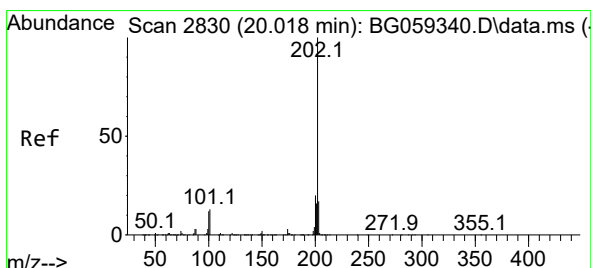
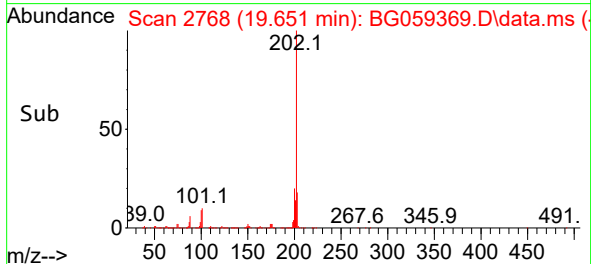
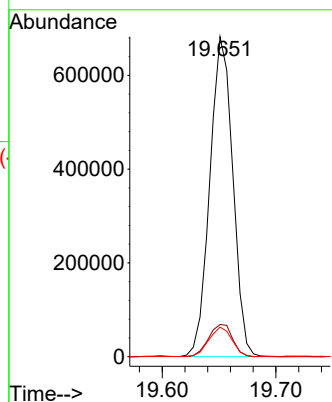
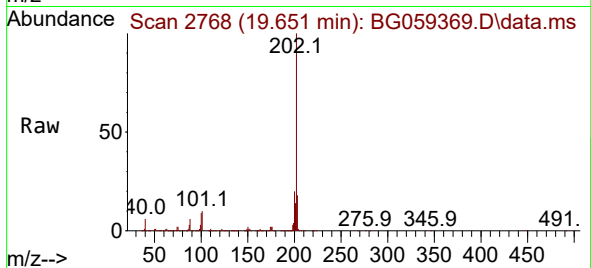




#80
Fluoranthene
Concen: 44.520 ng/ul
RT: 19.651 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

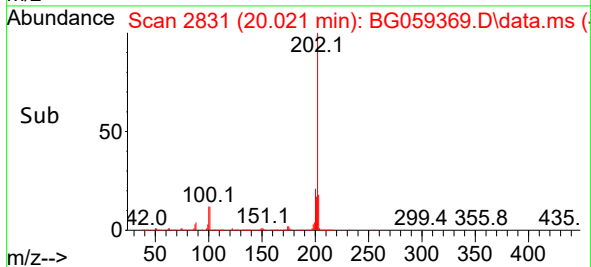
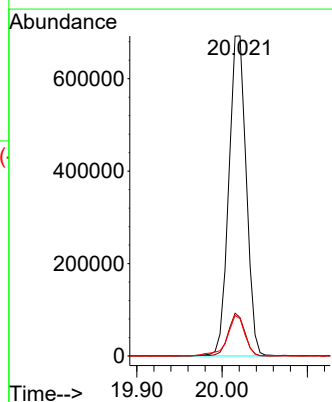
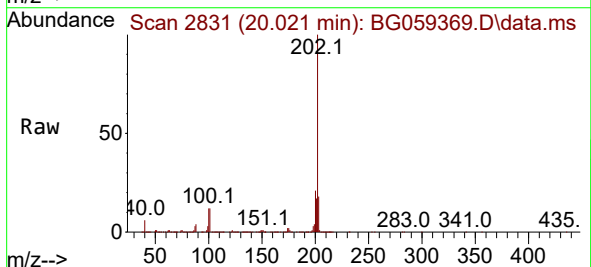
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

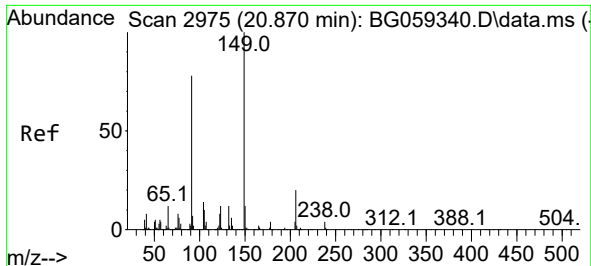
Tgt Ion:202 Resp: 955086
Ion Ratio Lower Upper
202 100
101 10.0 8.0 12.0
100 9.2 7.2 10.8



#82
Pyrene
Concen: 44.132 ng/ul
RT: 20.021 min Scan# 2831
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:202 Resp: 983941
Ion Ratio Lower Upper
202 100
101 12.0 10.5 15.7
100 11.7 9.6 14.4

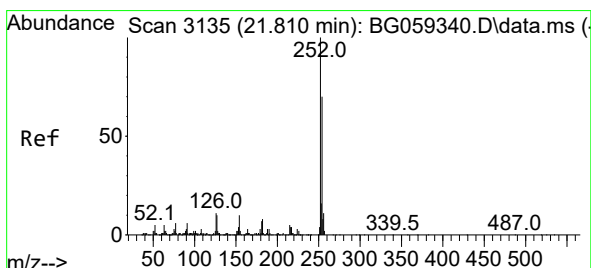
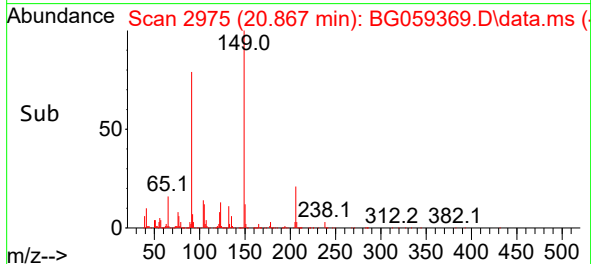
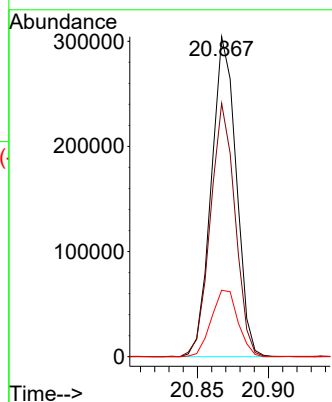
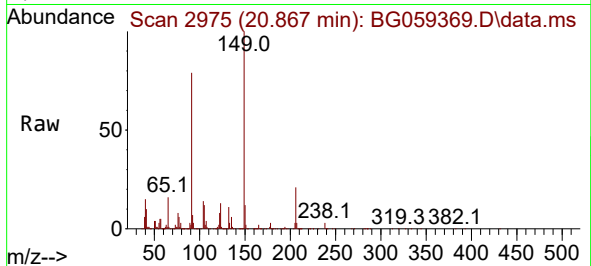




#83
Butylbenzylphthalate
Concen: 44.962 ng/ul
RT: 20.867 min Scan# 2975
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

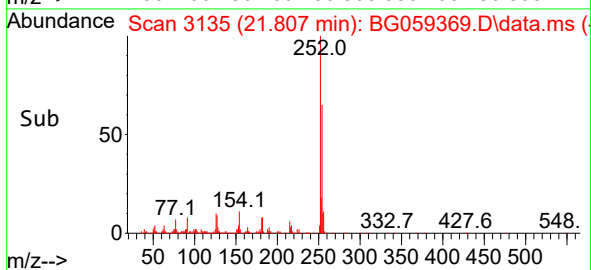
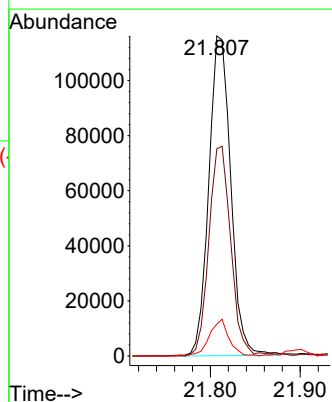
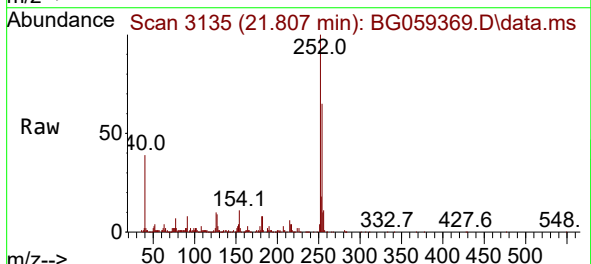
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

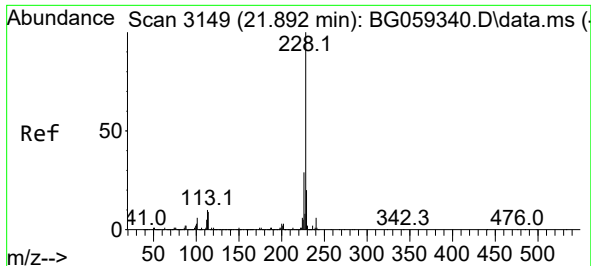
Tgt Ion:149 Resp: 370390
Ion Ratio Lower Upper
149 100
91 79.2 62.0 93.0
206 20.7 16.3 24.5



#84
3,3'-Dichlorobenzidine
Concen: 27.787 ng/ul
RT: 21.807 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:252 Resp: 197283
Ion Ratio Lower Upper
252 100
254 64.8 55.5 83.3
126 9.9 9.0 13.4

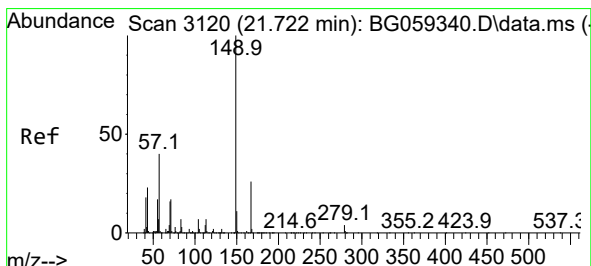
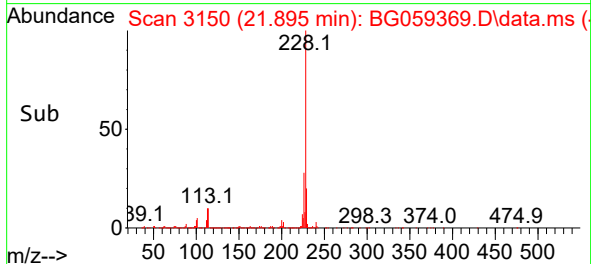
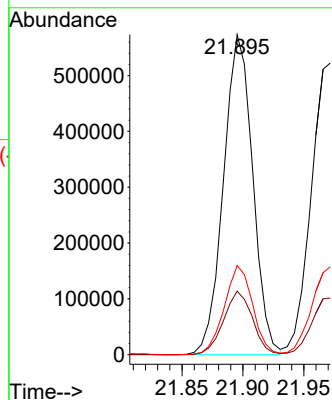
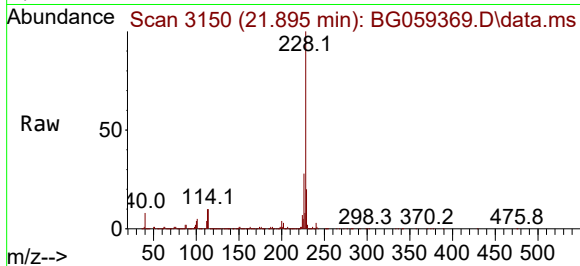




#85
Benzo(a)anthracene
Concen: 44.063 ng/ul
RT: 21.895 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

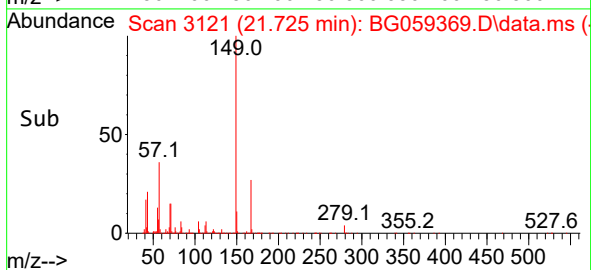
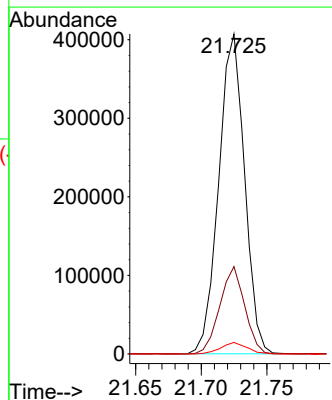
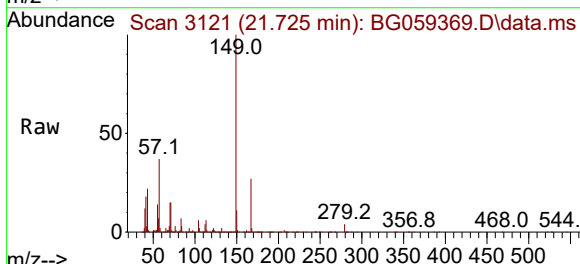
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

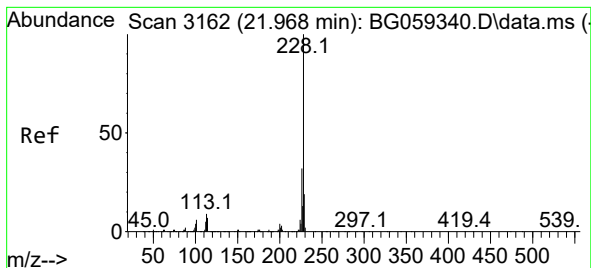
Tgt Ion:228 Resp: 957744
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.8 23.3 34.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 45.195 ng/ul
RT: 21.725 min Scan# 3121
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:149 Resp: 556827
Ion Ratio Lower Upper
149 100
167 27.3 20.9 31.3
279 3.6 2.8 4.2





#87

Chrysene

Concen: 43.827 ng/ul

RT: 21.972 min Scan# 3163

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

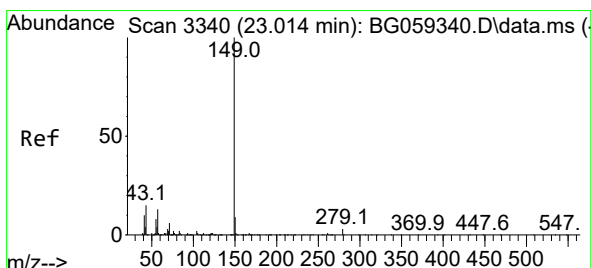
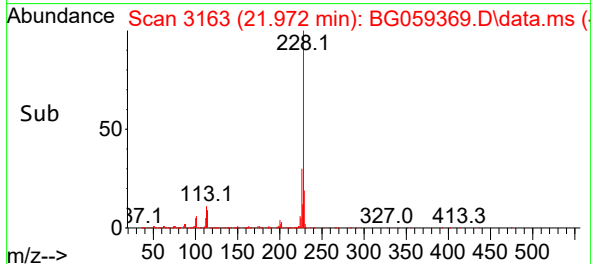
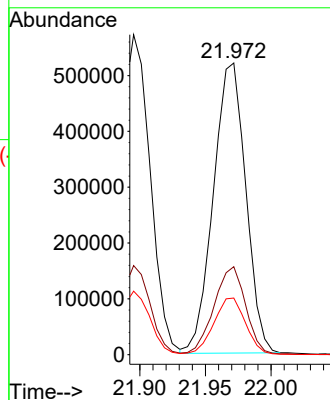
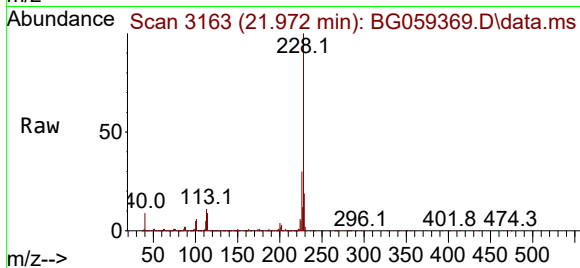
Tgt Ion:228 Resp: 894769

Ion Ratio Lower Upper

228 100

226 30.2 25.2 37.8

229 19.4 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 45.193 ng/ul

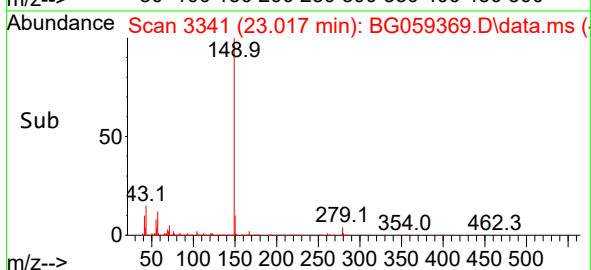
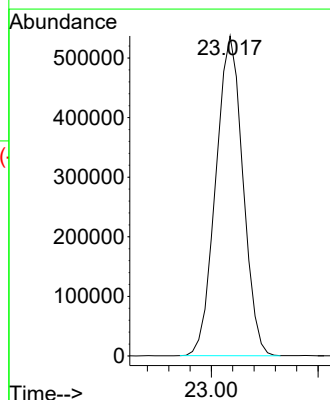
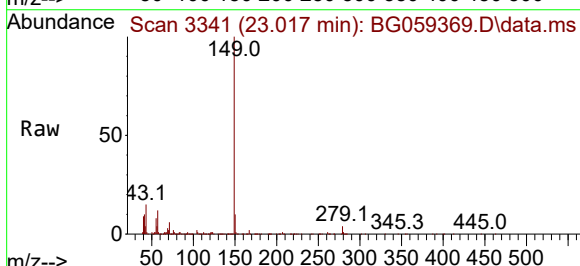
RT: 23.017 min Scan# 3341

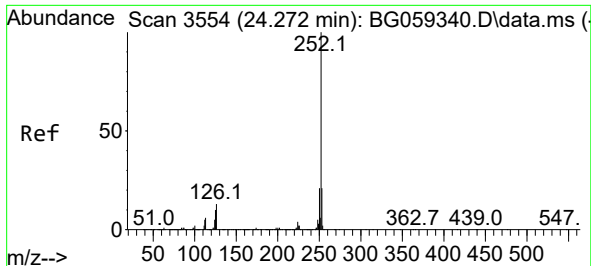
Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Tgt Ion:149 Resp: 947088

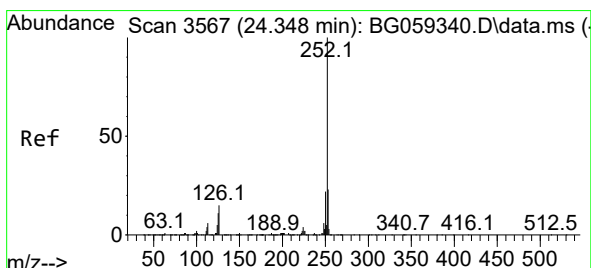
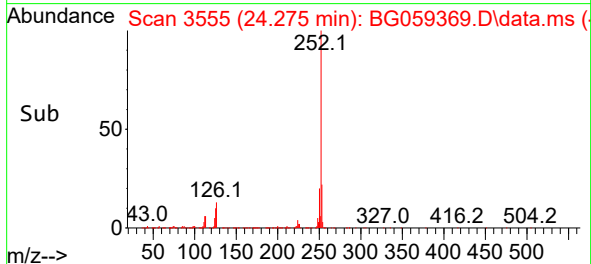
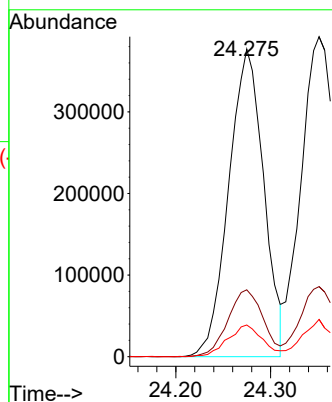
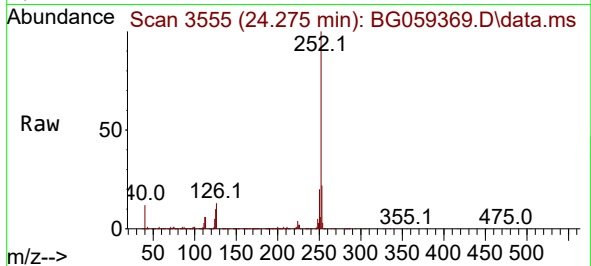




#90
Benzo(b)fluoranthene
Concen: 44.160 ng/ul
RT: 24.275 min Scan# 3554
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

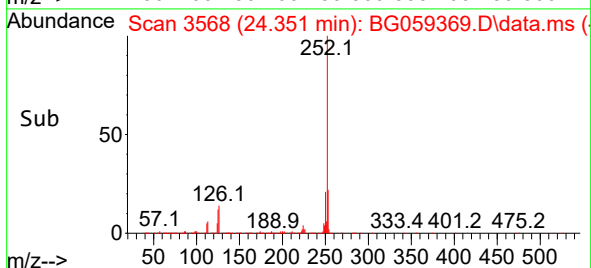
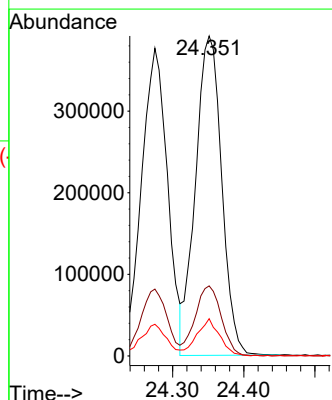
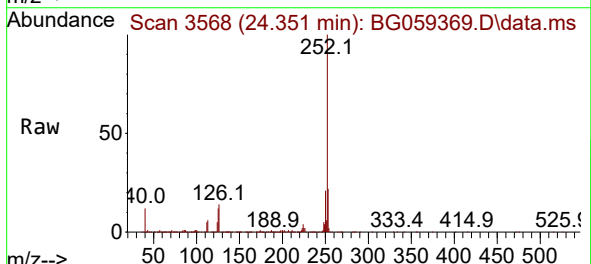
Instrument :
BNA_G
ClientSampleId :
BBJR1MSD

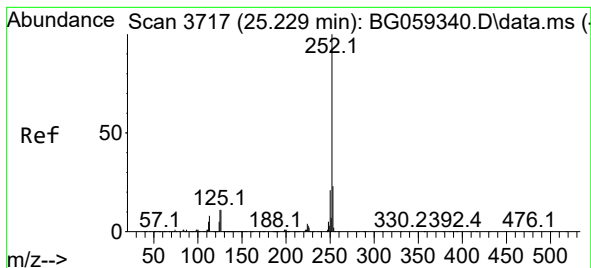
Tgt Ion:252 Resp: 966335
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 10.3 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 45.106 ng/ul
RT: 24.351 min Scan# 3568
Delta R.T. 0.003 min
Lab File: BG059369.D
Acq: 8 Oct 2023 9:49

Tgt Ion:252 Resp: 1002203
Ion Ratio Lower Upper
252 100
253 21.9 19.0 28.4
125 11.7 9.0 13.4





#93

Benzo(a)pyrene

Concen: 44.388 ng/ul

RT: 25.238 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

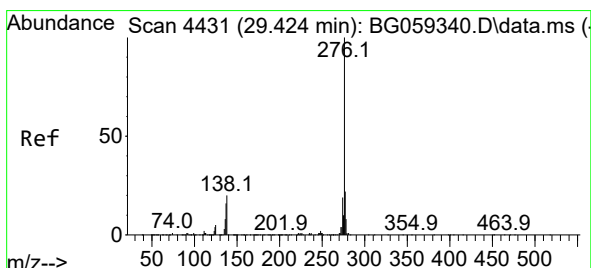
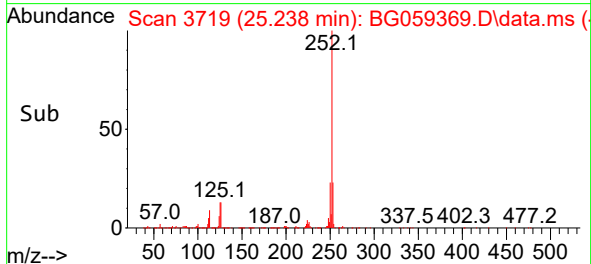
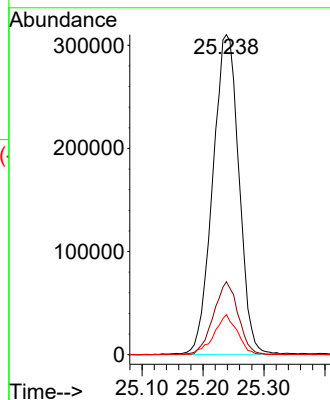
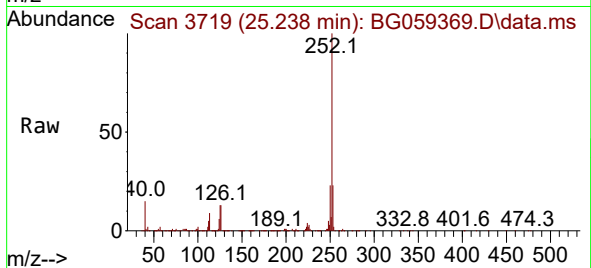
Tgt Ion:252 Resp: 925266

Ion Ratio Lower Upper

252 100

253 22.8 18.5 27.7

125 12.5 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 44.012 ng/ul

RT: 29.433 min Scan# 4433

Delta R.T. 0.009 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

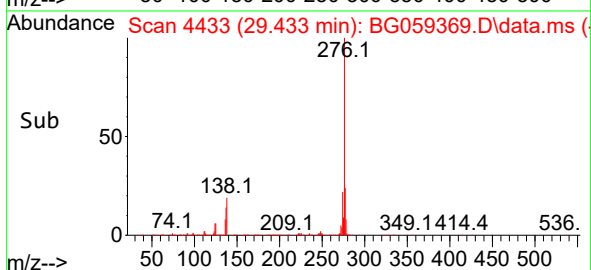
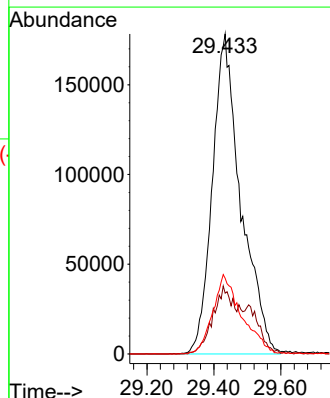
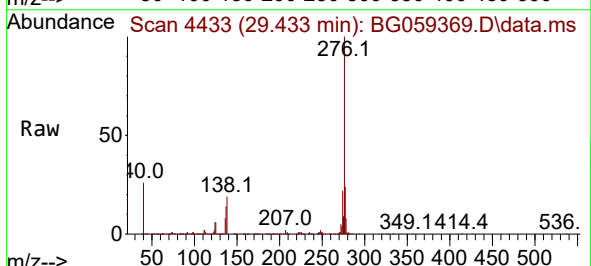
Tgt Ion:276 Resp: 1056784

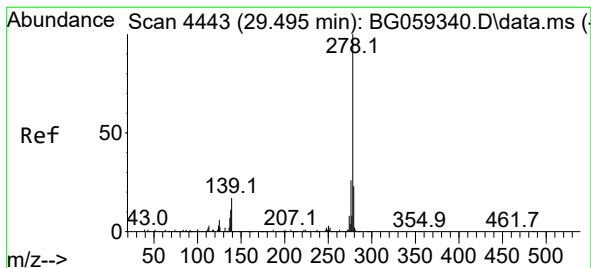
Ion Ratio Lower Upper

276 100

138 19.0 16.2 24.4

277 23.6 17.1 25.7





#95

Dibenzo(a,h)anthracene

Concen: 45.185 ng/ul

RT: 29.504 min Scan# 4445

Delta R.T. 0.009 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Instrument :

BNA_G

ClientSampleId :

BBJR1MSD

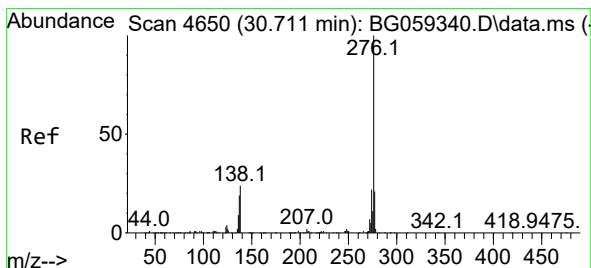
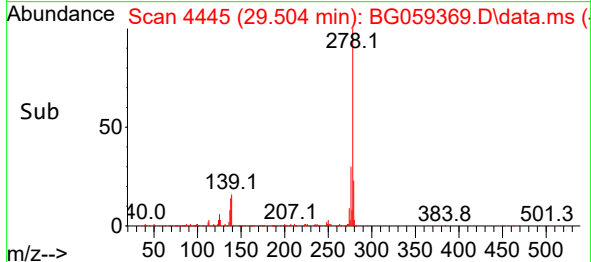
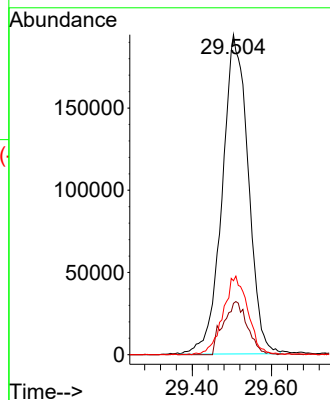
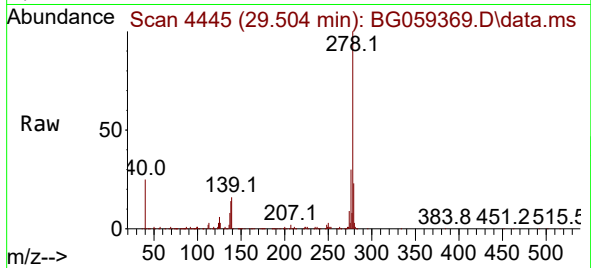
Tgt Ion:278 Resp: 882193

Ion Ratio Lower Upper

278 100

139 16.0 13.7 20.5

279 23.1 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 45.063 ng/ul

RT: 30.714 min Scan# 4651

Delta R.T. 0.003 min

Lab File: BG059369.D

Acq: 8 Oct 2023 9:49

Tgt Ion:276 Resp: 862933

Ion Ratio Lower Upper

276 100

138 20.4 19.0 28.4

277 24.1 17.2 25.8

