

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100723\
 Data File : BG059375.D
 Acq On : 8 Oct 2023 14:32
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591

Quant Time: Oct 09 01:02:08 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	51692	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	243553	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.862	164	168852	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.612	188	372231	20.000	ng/ul	0.00
79) Chrysene-d12	21.912	240	334669	20.000	ng/ul	# 0.00
88) Perylene-d12	25.397	264	397252	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.534	96	11961	8.250	ng/uL	0.00
4) Pyridine-d5	3.963	84	90476	21.681	ng/ul	0.00
7) Phenol-d5	7.359	99	117271	20.546	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.553	67	69787	21.632	ng/ul	0.00
11) 2-Chlorophenol-d4	7.747	132	84121	21.073	ng/ul	0.00
15) 4-Methylphenol-d8	8.922	113	90829	20.424	ng/ul	0.00
21) Nitrobenzene-d5	9.427	128	43446	20.955	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	51682	23.031	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.673	165	92010	22.717	ng/ul	0.00
31) 4-Chloroaniline-d4	11.219	131	139608	21.699	ng/ul	0.00
46) Dimethylphthalate-d6	14.257	166	286780	20.731	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	353603	21.480	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	50397	19.441	ng/ul	0.00
60) Fluorene-d10	15.849	176	267263	20.240	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.966	200	53459	21.752	ng/ul	0.00
73) Anthracene-d10	17.711	188	417196	22.848	ng/ul	0.00
81) Pyrene-d10	19.985	212	447630	22.079	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.156	264	450344	21.543	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.569	88	14147	9.141	ng/uL#	76
5) Pyridine	3.986	79	86767	20.593	ng/ul	85
6) Benzaldehyde	7.376	77	55604	23.486	ng/ul	92
8) Phenol	7.388	94	113224	20.061	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.647	93	92867	21.365	ng/ul	95
12) 2-Chlorophenol	7.782	128	87421	20.783	ng/ul	93
13) 2-Methylphenol	8.657	108	86018	20.396	ng/ul	88
14) 2,2'-oxybis(1-Chloropr...	8.734	45	127293	13.997	ng/ul#	96
16) Acetophenone	9.069	105	141156	20.888	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.033	70	68097	20.223	ng/ul#	85
18) 4-Methylphenol	8.992	108	93596	20.181	ng/ul	96
19) Hexachloroethane	9.309	117	33353	21.799	ng/ul	93
22) Nitrobenzene	9.474	77	98824	21.742	ng/ul#	95
23) Isophorone	9.973	82	216454	22.302	ng/ul#	96
25) 2-Nitrophenol	10.179	139	51014	22.043	ng/ul	92
26) 2,4-Dimethylphenol	10.203	107	98668	21.612	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.461	93	129286	22.167	ng/ul	94
29) 2,4-Dichlorophenol	10.702	162	87848	21.539	ng/ul	97
30) Naphthalene	11.119	128	309954	22.004	ng/ul	98
32) 4-Chloroaniline	11.243	127	131705	21.639	ng/ul	97
33) Hexachlorobutadiene	11.348	225	56712	23.030	ng/ul	99
34) Caprolactam	12.018	113	31175	21.050	ng/ul	86
35) 4-Chloro-3-methylphenol	12.318	107	98544	22.517	ng/ul	98
36) 2-Methylnaphthalene	12.706	142	211606	22.534	ng/ul	96

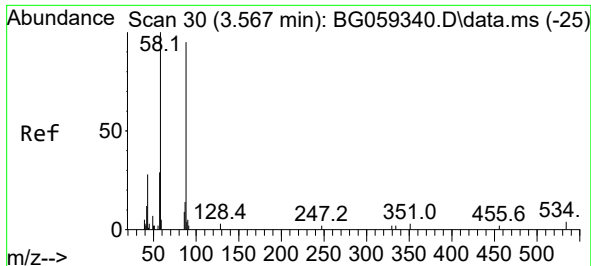
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.923	142	211381	21.680	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	13.052	216	112882	22.444	ng/ul#	97
40) Hexachlorocyclopentadiene	13.005	237	63641	21.077	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.293	196	73272	21.470	ng/ul	98
42) 2,4,5-Trichlorophenol	13.369	196	83414	22.505	ng/ul	98
43) 1,1'-Biphenyl	13.698	154	306857	22.080	ng/ul	98
44) 2-Chloronaphthalene	13.751	162	224630	21.028	ng/ul	98
45) 2-Nitroaniline	13.969	65	72963	20.858	ng/ul	92
47) Dimethylphthalate	14.304	163	298469	21.468	ng/ul	98
48) 2,6-Dinitrotoluene	14.451	165	57775	20.598	ng/ul#	94
50) Acenaphthylene	14.597	152	382078	21.592	ng/ul	99
51) 3-Nitroaniline	14.791	138	57919	21.088	ng/ul	88
52) Acenaphthene	14.926	153	252726	21.108	ng/ul	99
53) 2,4-Dinitrophenol	14.991	184	30723	15.249	ng/ul#	86
55) 4-Nitrophenol	15.067	109	33916	19.391	ng/ul	92
56) Dibenzofuran	15.261	168	350183	21.197	ng/ul	98
57) 2,4-Dinitrotoluene	15.232	165	83539	20.337	ng/ul#	90
58) 2,3,4,6-Tetrachlorophenol	15.467	232	75033	21.097	ng/ul	97
59) Diethylphthalate	15.649	149	282573	20.436	ng/ul	98
61) Fluorene	15.908	166	294395	20.945	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.890	204	146061	21.030	ng/ul	98
63) 4-Nitroaniline	15.955	138	54728	22.133	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.978	198	56720	21.699	ng/ul#	88
67) N-Nitrosodiphenylamine	16.107	169	243523	23.119	ng/ul	95
68) 4-Bromophenyl-phenylether	16.789	248	89775	22.713	ng/ul	97
69) Hexachlorobenzene	16.877	284	102248	22.662	ng/ul	97
70) Atrazine	17.042	200	95358	22.833	ng/ul	100
71) Pentachlorophenol	17.235	266	57363	21.876	ng/ul	97
72) Phenanthrene	17.659	178	488463	22.157	ng/ul	99
74) Anthracene	17.747	178	502066	22.393	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.657	216	117277	24.251	ng/uL	88
76) Pentachlorobenzene	15.156	250	115243	23.026	ng/uL	96
77) Carbazole	18.023	167	415179	22.251	ng/ul	99
78) Di-n-butylphthalate	18.528	149	496373	22.485	ng/ul	99
80) Fluoranthene	19.650	202	547232	21.692	ng/ul	97
82) Pyrene	20.015	202	583051	22.238	ng/ul	99
83) Butylbenzylphthalate	20.867	149	211257	21.808	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.807	252	196706	23.560	ng/ul#	95
85) Benzo(a)anthracene	21.895	228	558349	21.845	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.724	149	309443	21.358	ng/ul	98
87) Chrysene	21.965	228	522566	21.766	ng/ul	96
89) Di-n-octyl phthalate	23.011	149	536726	21.412	ng/ul	100
90) Benzo(b)fluoranthene	24.268	252	556781	21.272	ng/ul	99
91) Benzo(k)fluoranthene	24.345	252	587049	22.090	ng/ul	93
93) Benzo(a)pyrene	25.232	252	544156	21.825	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.427	276	544063	18.944	ng/ul	96
95) Dibenzo(a,h)anthracene	29.498	278	513084	21.971	ng/ul	96

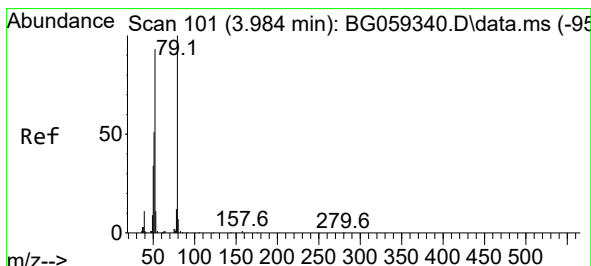
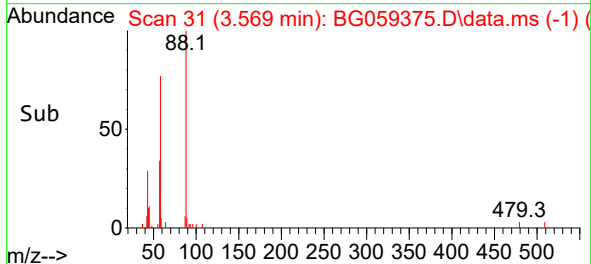
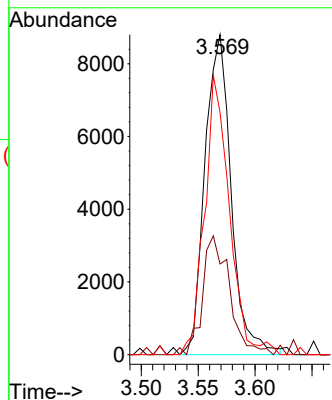
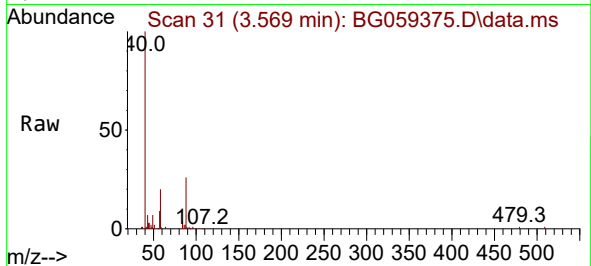
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#2
1,4-Dioxane
Concen: 9.141 ng/uL
RT: 3.569 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG059375.D
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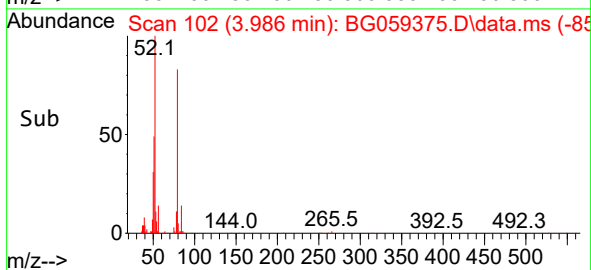
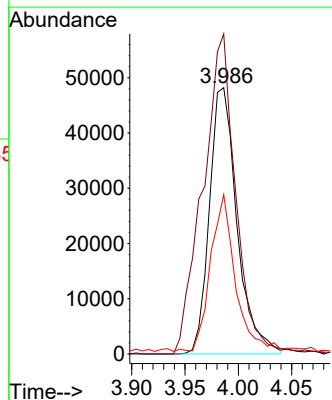
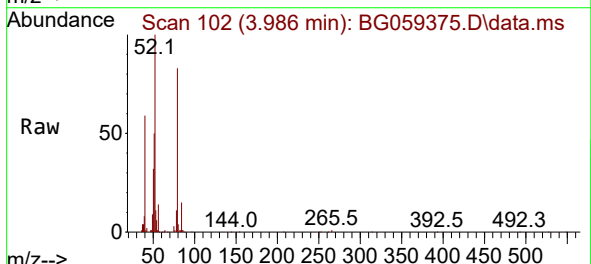
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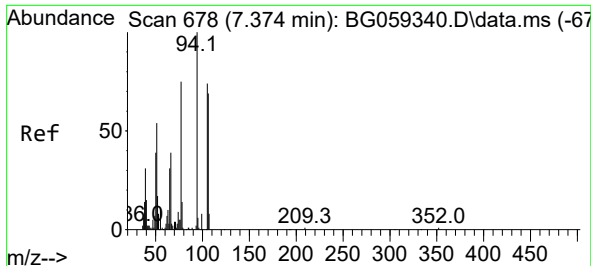
Tgt Ion: 88 Resp: 14147
Ion Ratio Lower Upper
88 100
43 28.4 25.4 38.0
58 75.7 84.6 127.0#



#5
Pyridine
Concen: 20.593 ng/uL
RT: 3.986 min Scan# 102
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion: 79 Resp: 86767
Ion Ratio Lower Upper
79 100
52 120.2 82.5 123.7
51 59.8 41.8 62.8

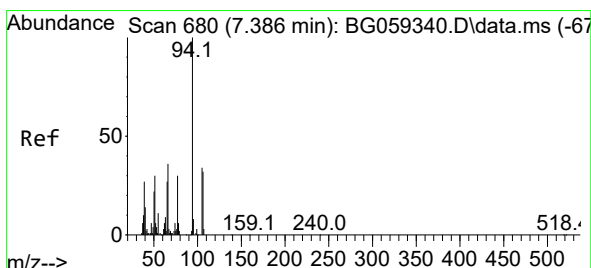
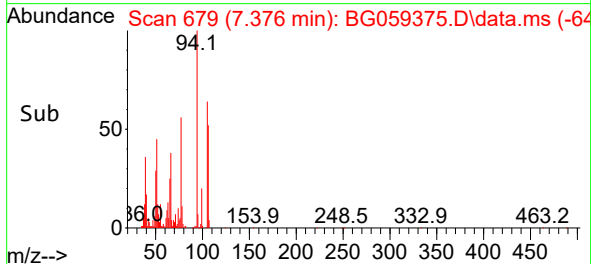
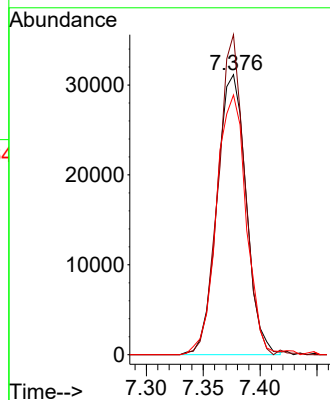
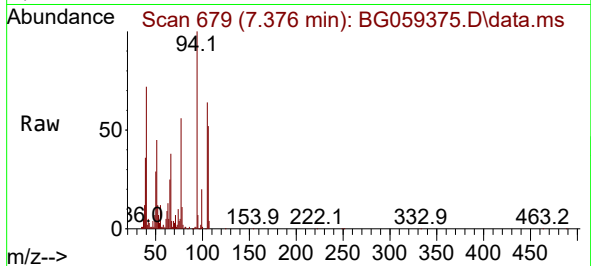




#6
Benzaldehyde
Concen: 23.486 ng/ul
RT: 7.376 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

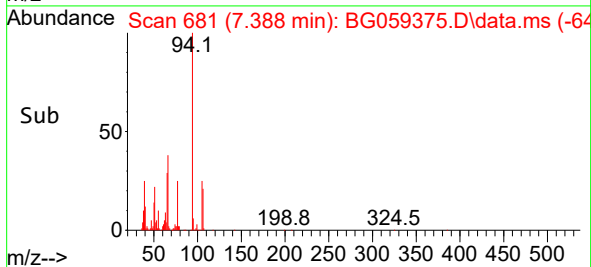
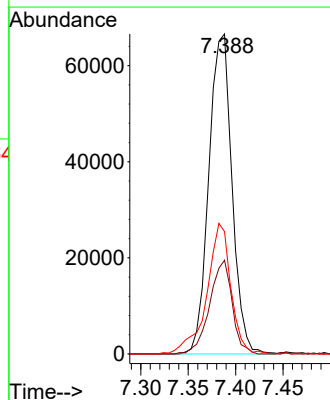
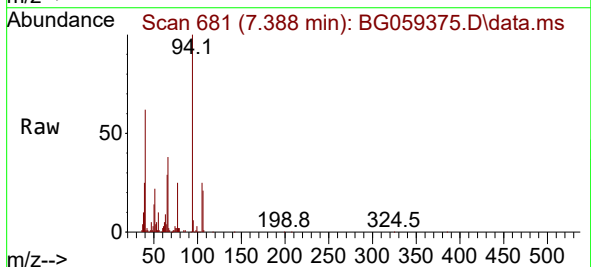
Instrument :
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ClientSampleId :
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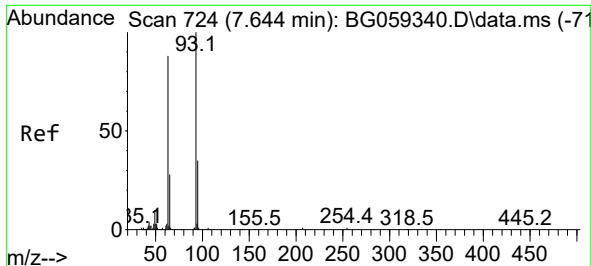
Tgt Ion: 77 Resp: 55604
Ion Ratio Lower Upper
77 100
105 114.3 79.5 119.3
106 92.8 74.8 112.2



#8
Phenol
Concen: 20.061 ng/ul
RT: 7.388 min Scan# 681
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion: 94 Resp: 113224
Ion Ratio Lower Upper
94 100
65 29.3 21.9 32.9
66 38.3 28.6 43.0

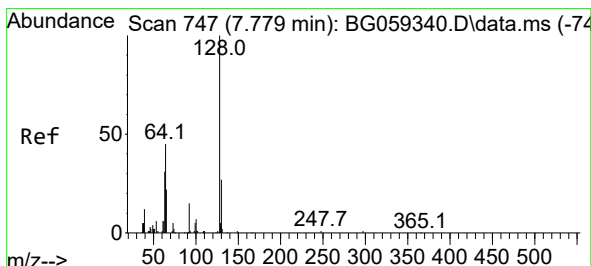
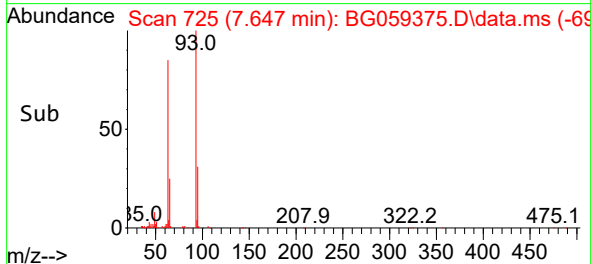
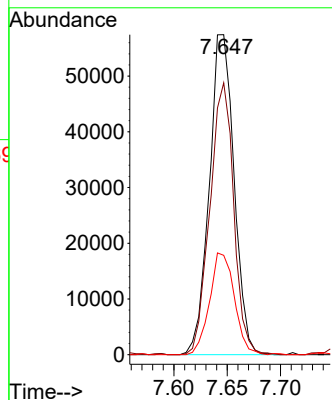
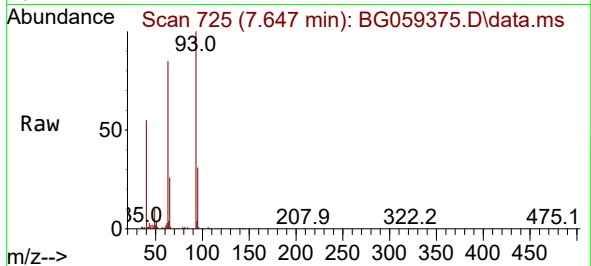




#10
 Bis(2-Chloroethyl)ether
 Concen: 21.365 ng/ul
 RT: 7.647 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

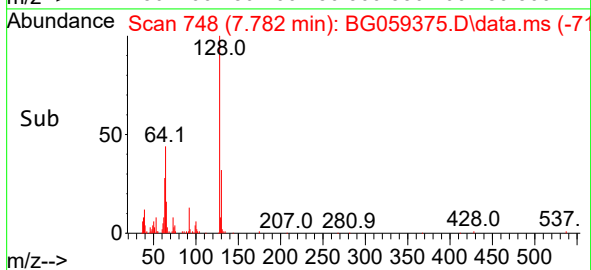
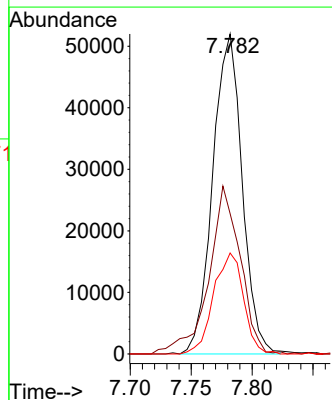
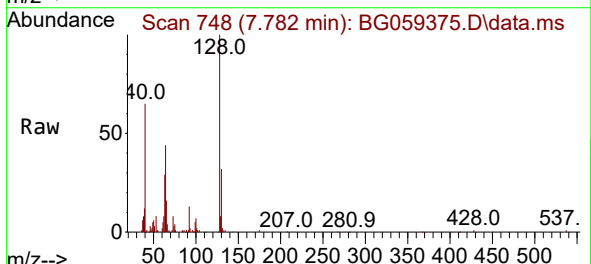
Instrument :
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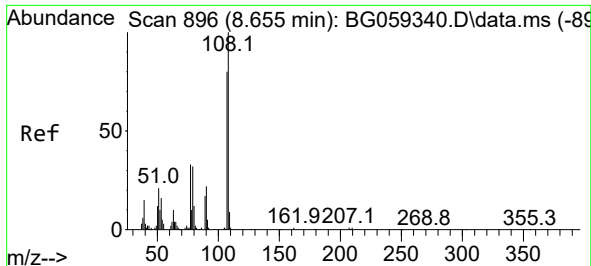
Tgt Ion: 93 Resp: 92867
 Ion Ratio Lower Upper
 93 100
 63 85.0 71.0 106.6
 95 31.0 27.8 41.6



#12
 2-Chlorophenol
 Concen: 20.783 ng/ul
 RT: 7.782 min Scan# 748
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

Tgt Ion:128 Resp: 87421
 Ion Ratio Lower Upper
 128 100
 64 43.9 38.6 57.8
 130 31.5 21.8 32.8





#13

2-Methylphenol

Concen: 20.396 ng/ul

RT: 8.657 min Scan# 896

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

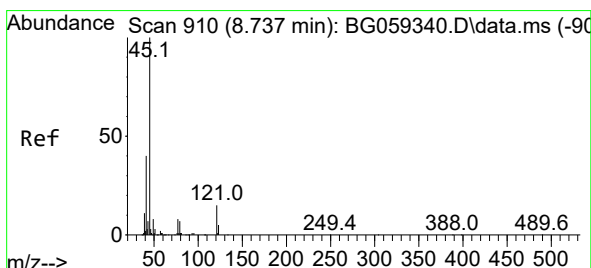
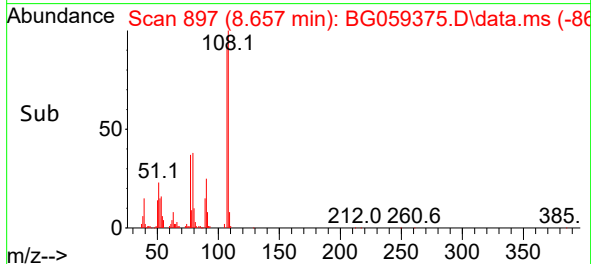
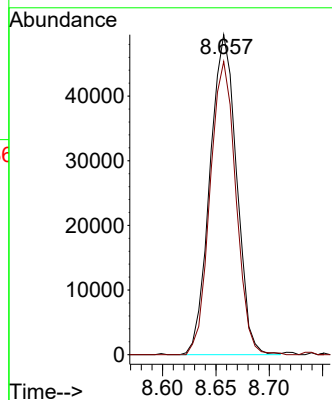
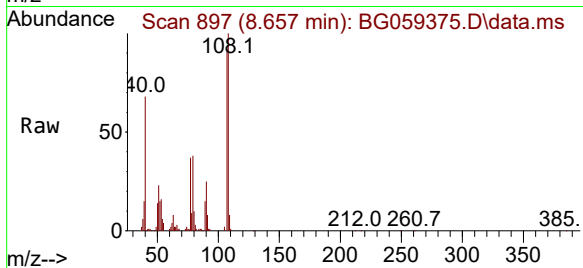
SSTD020591

Tgt Ion:108 Resp: 86018

Ion Ratio Lower Upper

108 100

107 91.6 64.7 97.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 13.997 ng/ul

RT: 8.734 min Scan# 910

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

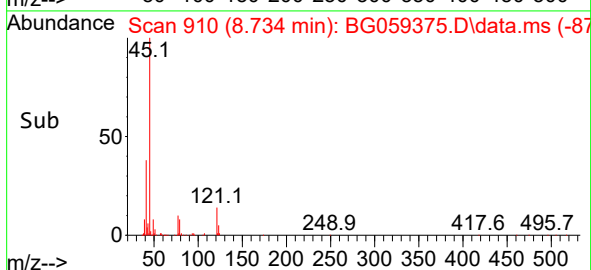
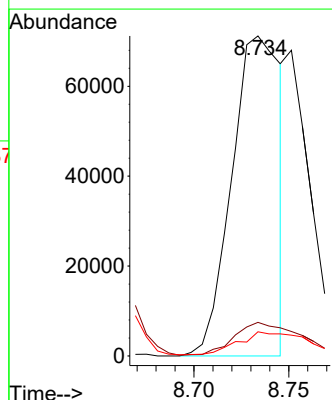
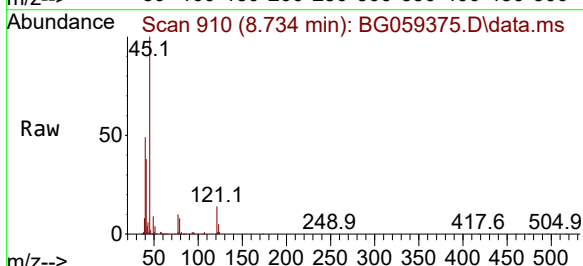
Tgt Ion: 45 Resp: 127293

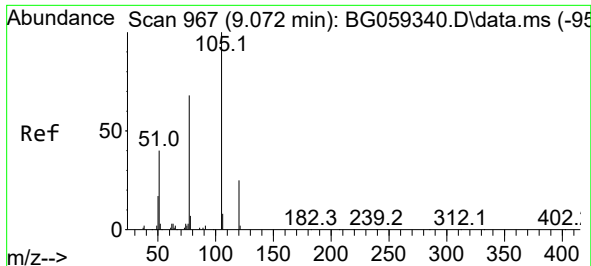
Ion Ratio Lower Upper

45 100

77 10.5 6.6 10.0#

79 7.6 5.8 8.8

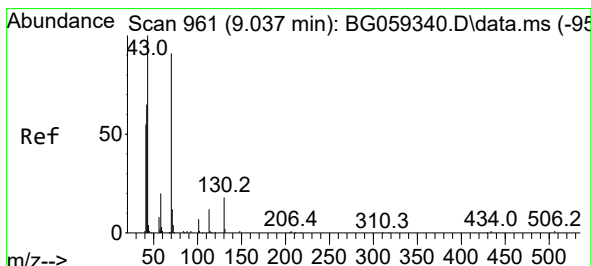
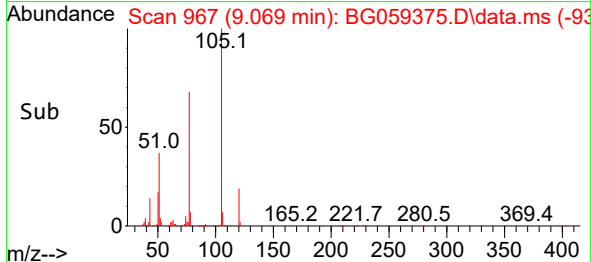
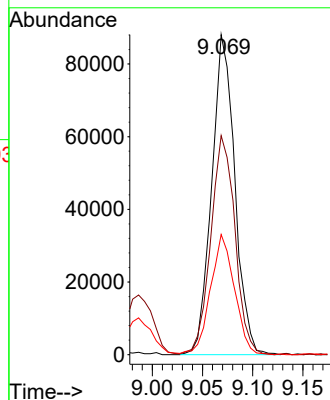
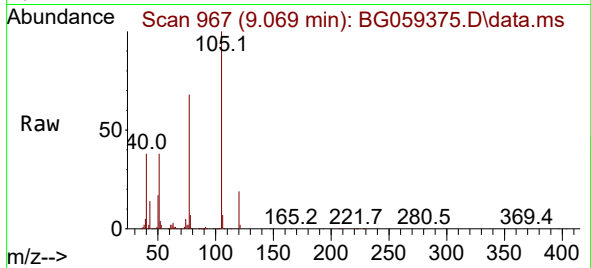




#16
Acetophenone
Concen: 20.888 ng/ul
RT: 9.069 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

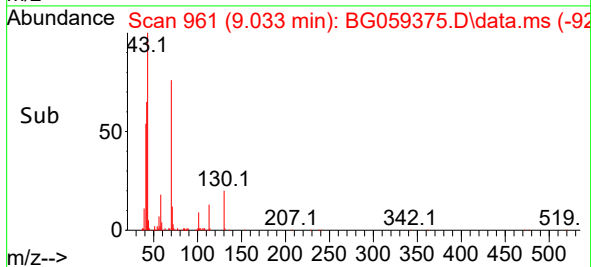
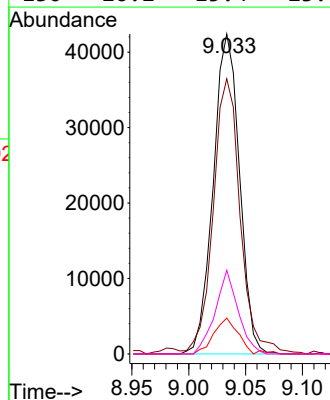
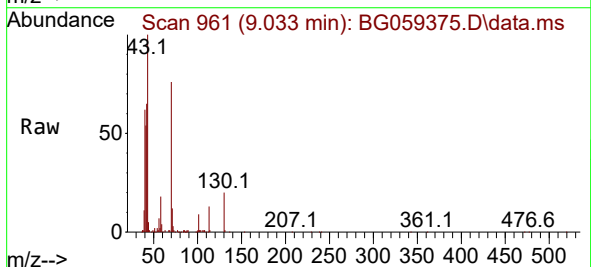
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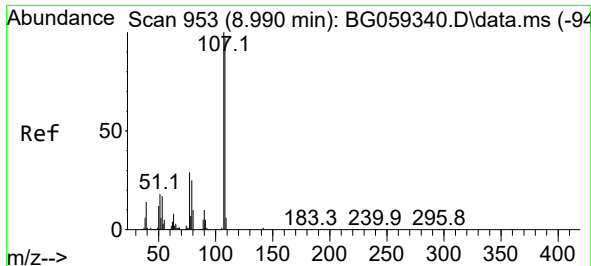
Tgt Ion:105 Resp: 141156
Ion Ratio Lower Upper
105 100
77 68.5 55.2 82.8
51 37.6 33.0 49.4



#17
N-Nitroso-di-n-propylamine
Concen: 20.223 ng/ul
RT: 9.033 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion: 70 Resp: 68097
Ion Ratio Lower Upper
70 100
42 86.0 58.2 87.4
101 11.2 6.4 9.6#
130 26.2 15.4 23.0#

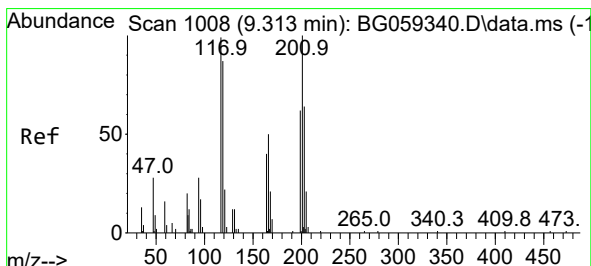
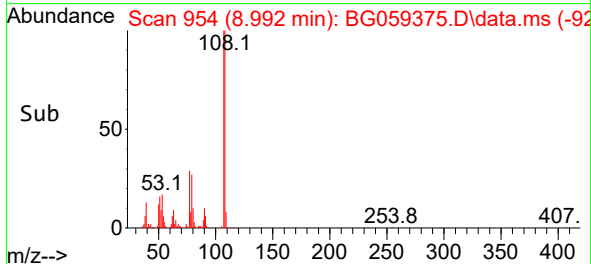
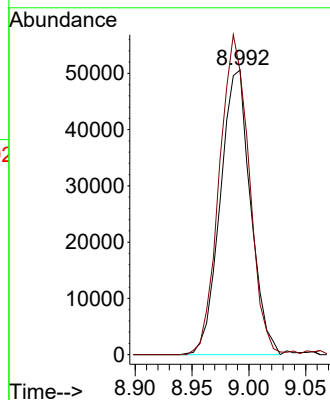
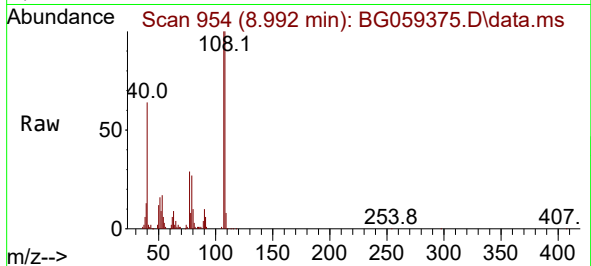




#18
4-Methylphenol
Concen: 20.181 ng/ul
RT: 8.992 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

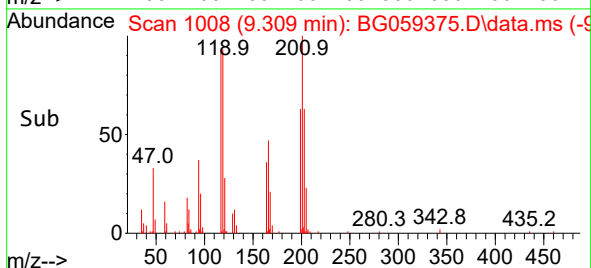
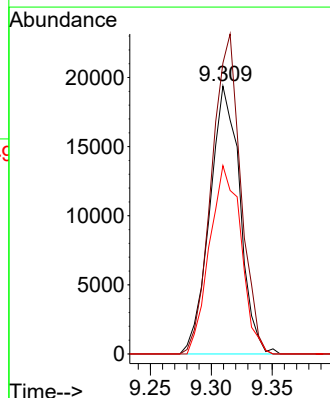
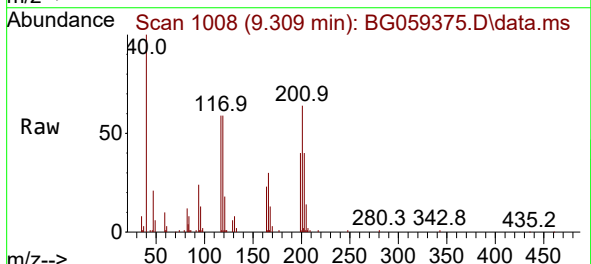
Instrument :
BNA_G
ClientSampleId :
SSTD020591

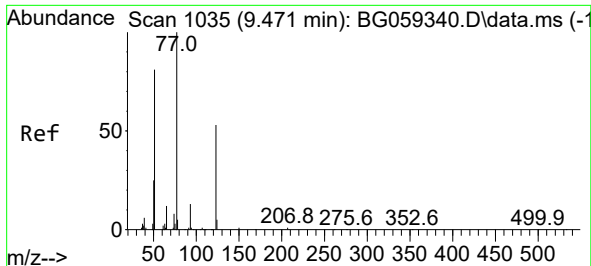
Tgt Ion:108 Resp: 93596
Ion Ratio Lower Upper
108 100
107 99.7 83.0 124.6



#19
Hexachloroethane
Concen: 21.799 ng/ul
RT: 9.309 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:117 Resp: 33353
Ion Ratio Lower Upper
117 100
201 107.2 80.6 120.8
199 69.4 50.6 76.0

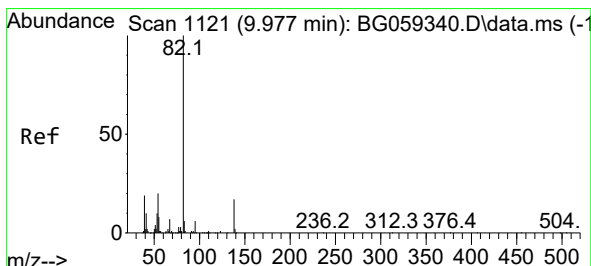
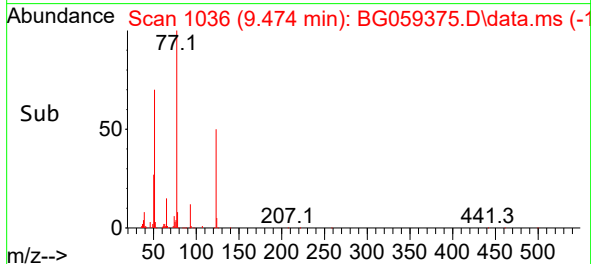
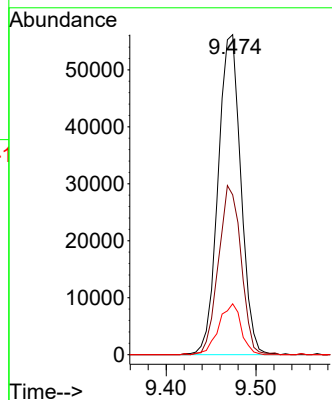
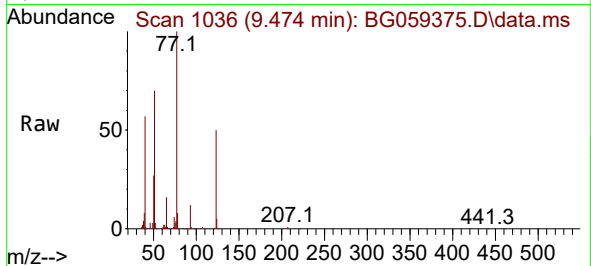




#22
Nitrobenzene
Concen: 21.742 ng/ul
RT: 9.474 min Scan# 1035
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

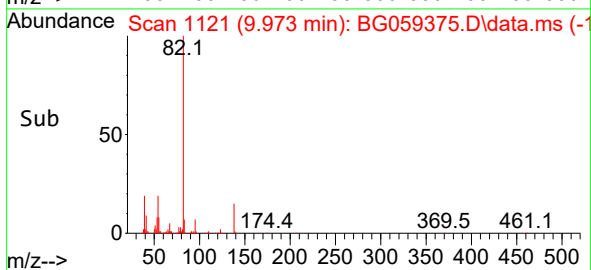
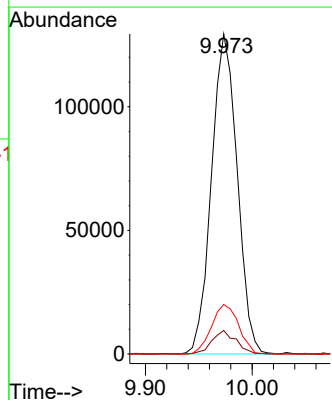
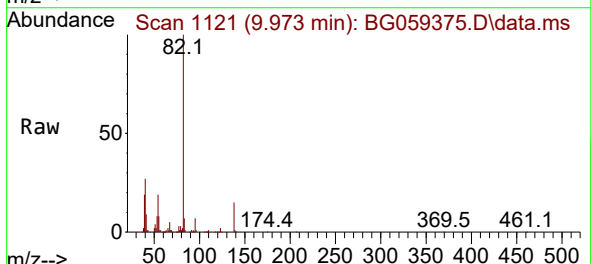
Instrument :
BNA_G
ClientSampleId :
SSTD020591

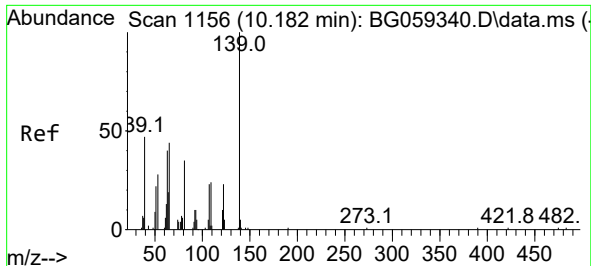
Tgt Ion: 77 Resp: 98824
Ion Ratio Lower Upper
77 100
123 49.9 42.2 63.4
65 15.9 9.8 14.6#



#23
Isophorone
Concen: 22.302 ng/ul
RT: 9.973 min Scan# 1121
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion: 82 Resp: 216454
Ion Ratio Lower Upper
82 100
95 7.4 4.7 7.1#
138 15.5 13.5 20.3

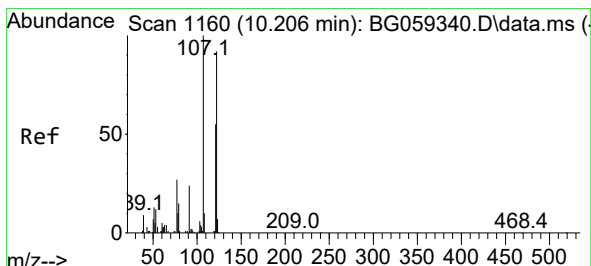
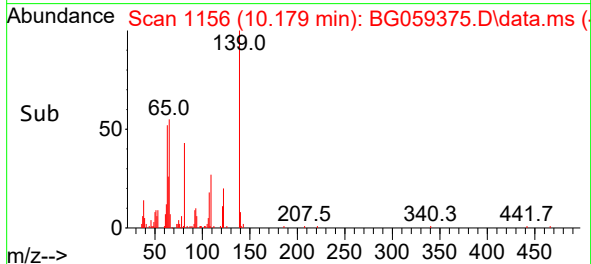
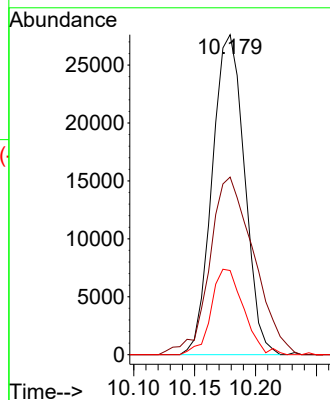
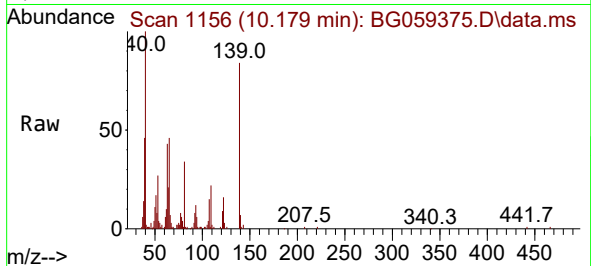




#25
2-Nitrophenol
Concen: 22.043 ng/ul
RT: 10.179 min Scan# 1156
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

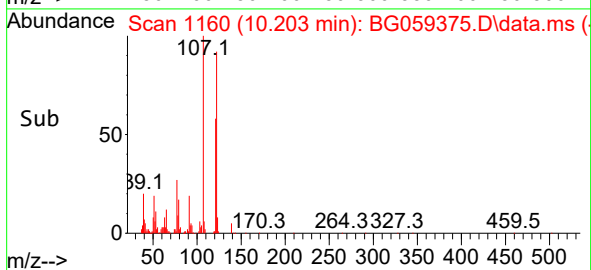
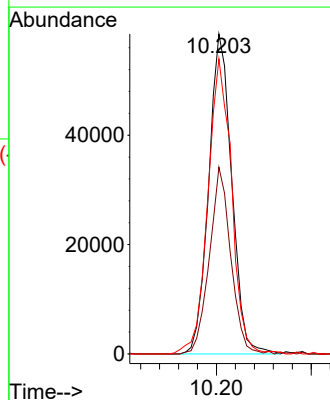
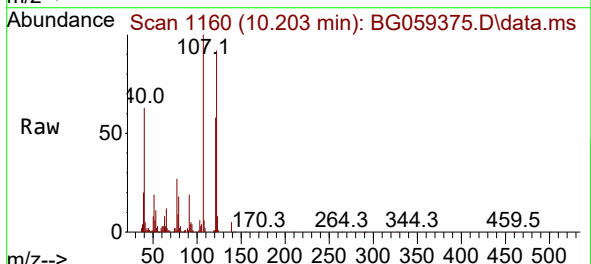
Instrument :
BNA_G
ClientSampleId :
SSTD020591

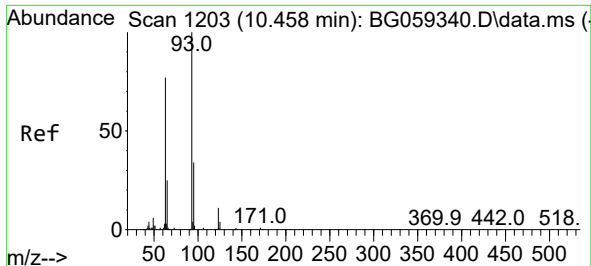
Tgt Ion:139 Resp: 51014
Ion Ratio Lower Upper
139 100
65 55.5 39.0 58.4
109 26.3 19.1 28.7



#26
2,4-Dimethylphenol
Concen: 21.612 ng/ul
RT: 10.203 min Scan# 1160
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:107 Resp: 98668
Ion Ratio Lower Upper
107 100
121 58.3 43.9 65.9
122 92.3 74.1 111.1

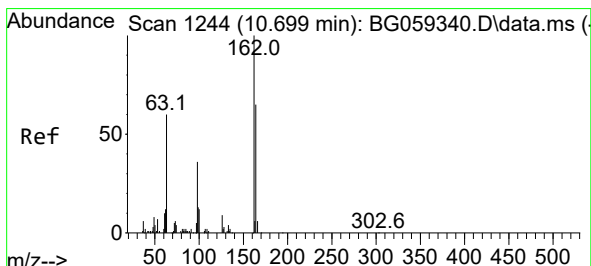
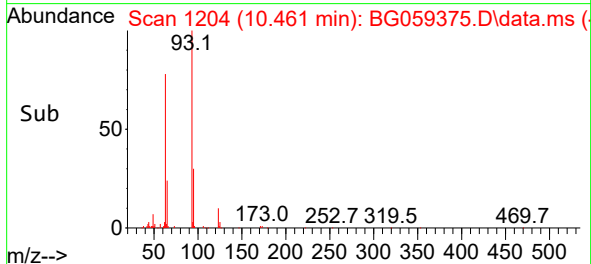
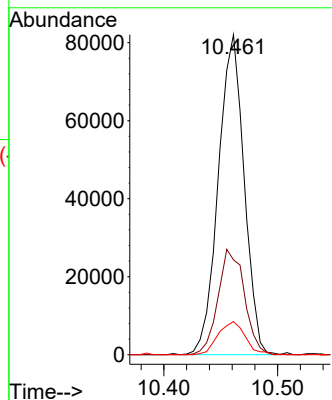
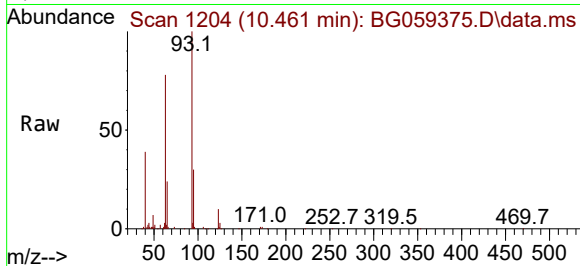




#27
 Bis(2-Chloroethoxy)methane
 Concen: 22.167 ng/ul
 RT: 10.461 min Scan# 1204
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

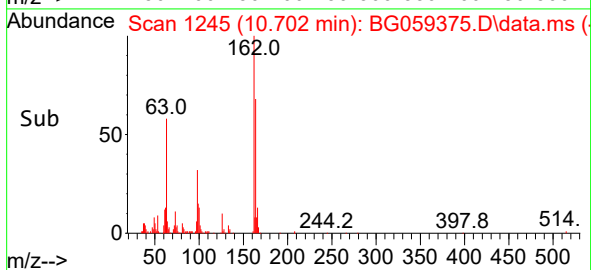
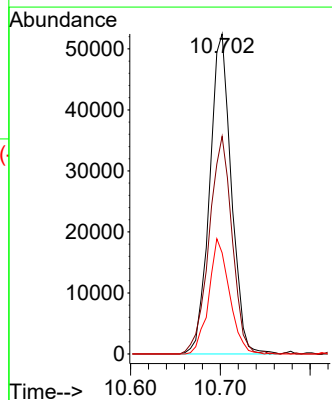
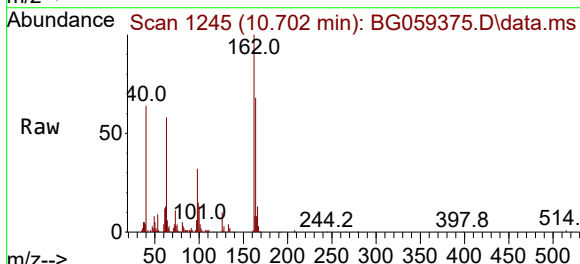
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591

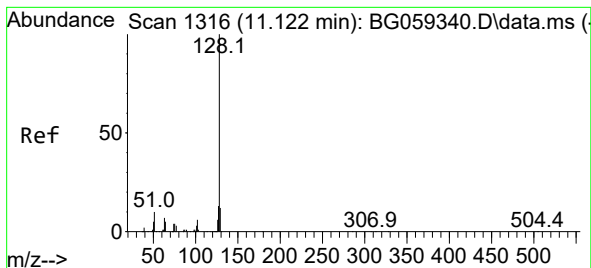
Tgt Ion: 93 Resp: 129286
 Ion Ratio Lower Upper
 93 100
 95 29.6 27.0 40.6
 123 10.3 8.5 12.7



#29
 2,4-Dichlorophenol
 Concen: 21.539 ng/ul
 RT: 10.702 min Scan# 1245
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

Tgt Ion:162 Resp: 87848
 Ion Ratio Lower Upper
 162 100
 164 68.0 53.5 80.3
 98 31.6 28.5 42.7





#30

Naphthalene

Concen: 22.004 ng/ul

RT: 11.119 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

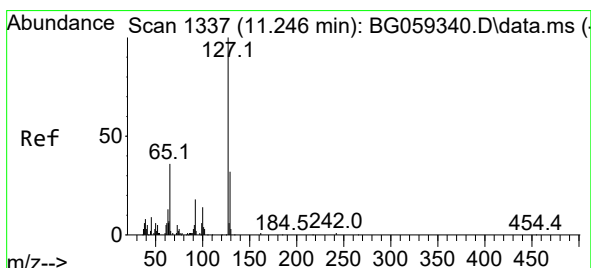
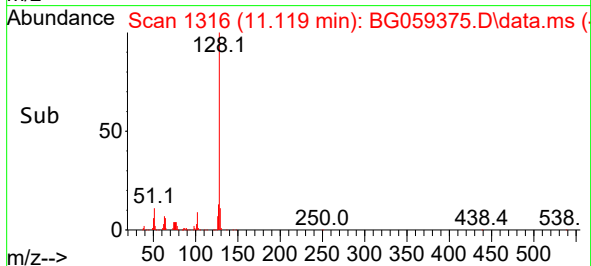
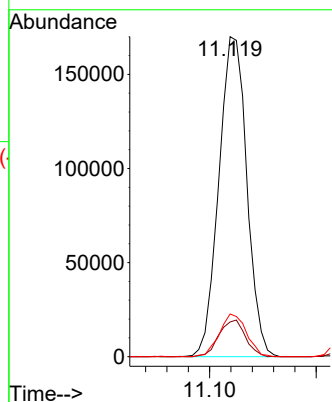
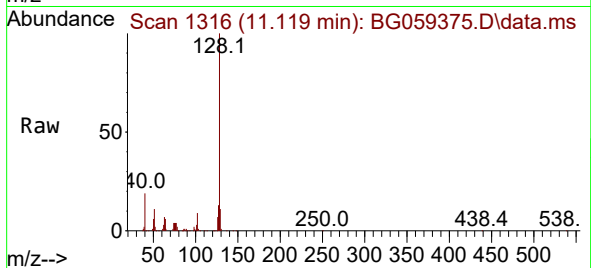
Tgt Ion:128 Resp: 309954

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

127 13.4 10.4 15.6



#32

4-Chloroaniline

Concen: 21.639 ng/ul

RT: 11.243 min Scan# 1337

Delta R.T. -0.003 min

Lab File: BG059375.D

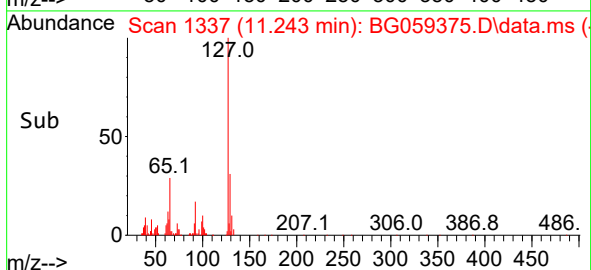
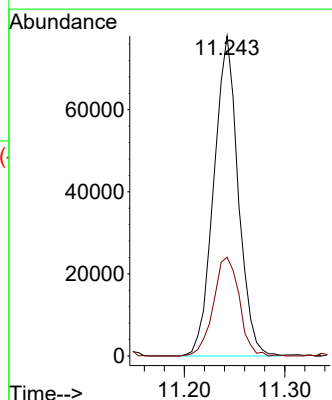
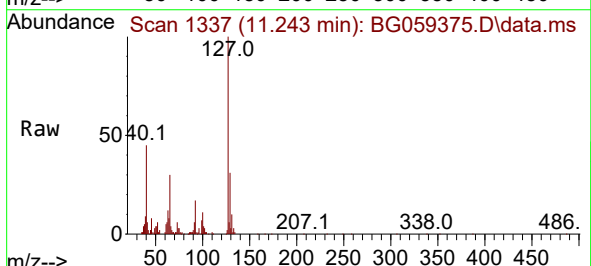
Acq: 8 Oct 2023 14:32

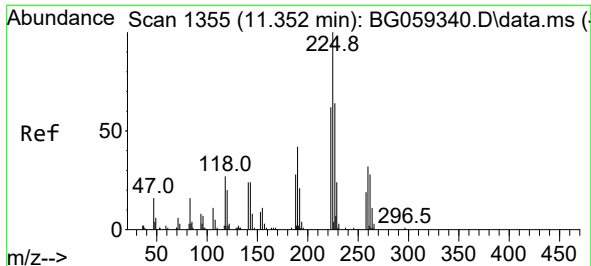
Tgt Ion:127 Resp: 131705

Ion Ratio Lower Upper

127 100

129 30.9 25.9 38.9

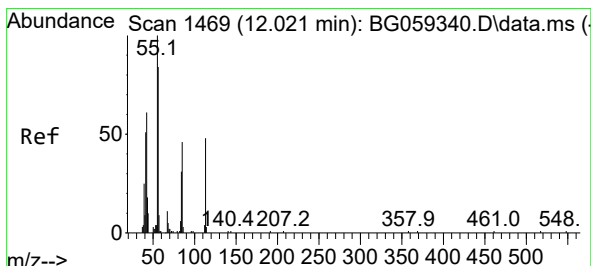
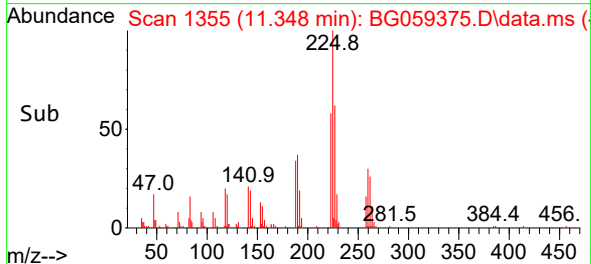
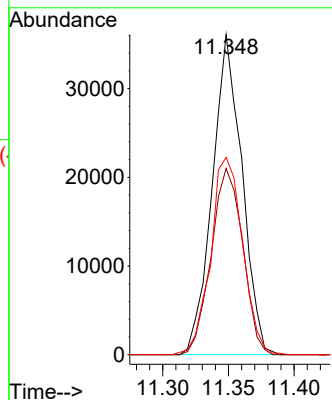
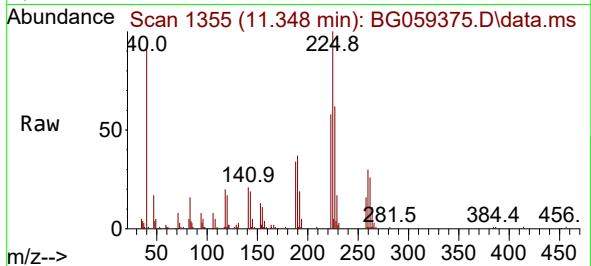




#33
Hexachlorobutadiene
Concen: 23.030 ng/ul
RT: 11.348 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

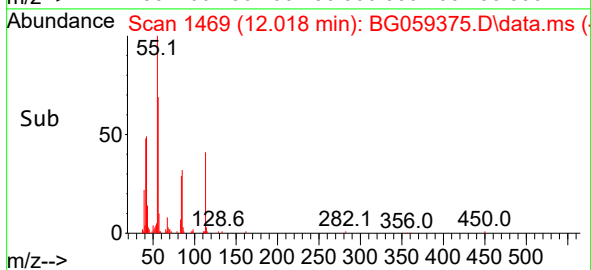
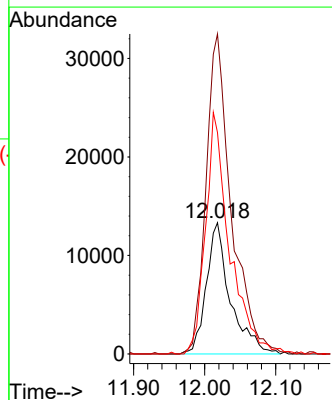
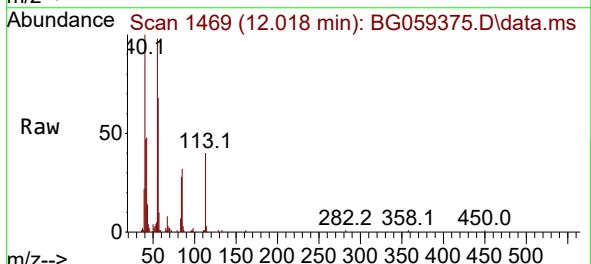
Instrument :
BNA_G
ClientSampleId :
SSTD020591

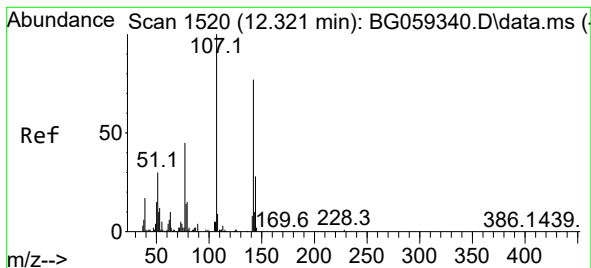
Tgt Ion:225 Resp: 56712
Ion Ratio Lower Upper
225 100
223 58.2 48.2 72.2
227 61.6 49.5 74.3



#34
Caprolactam
Concen: 21.050 ng/ul
RT: 12.018 min Scan# 1469
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:113 Resp: 31175
Ion Ratio Lower Upper
113 100
55 243.8 169.1 253.7
56 168.7 141.7 212.5

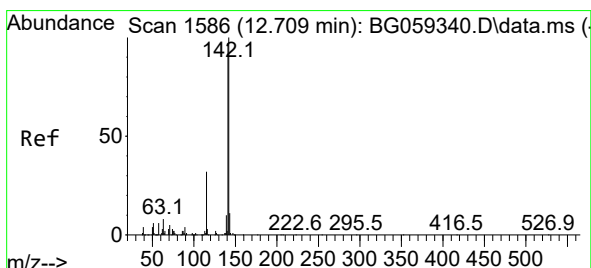
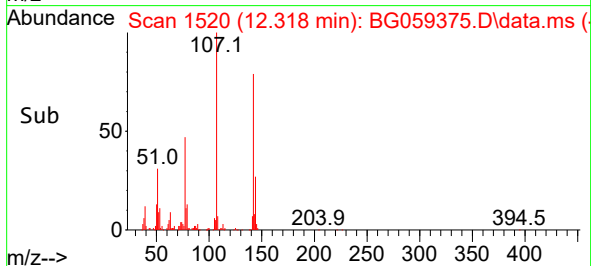
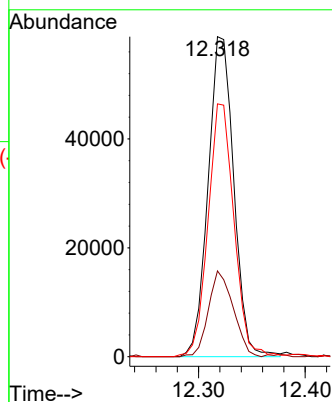
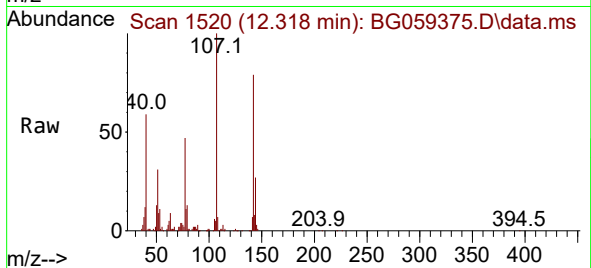




#35
4-Chloro-3-methylphenol
Concen: 22.517 ng/ul
RT: 12.318 min Scan# 1520
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

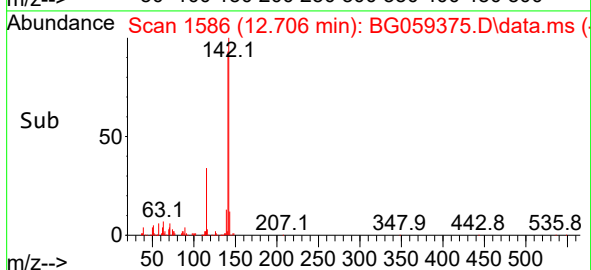
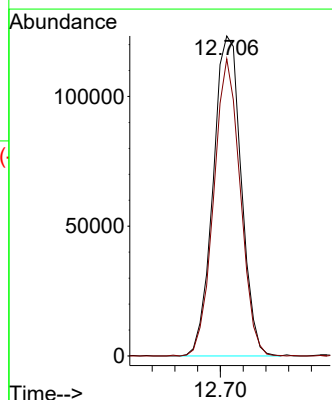
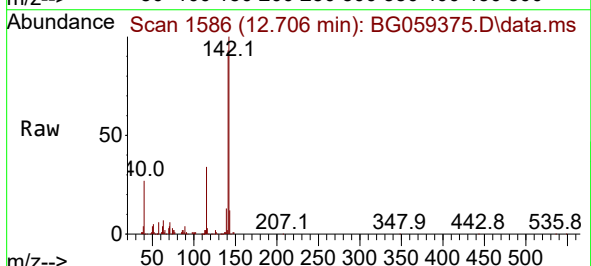
Instrument :
BNA_G
ClientSampleId :
SSTD020591

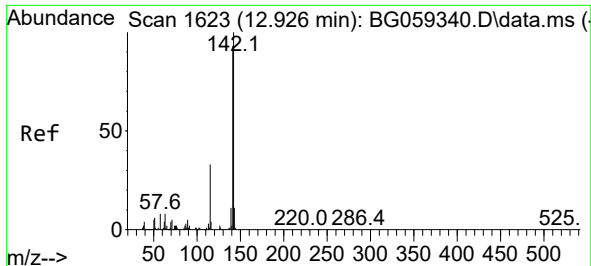
Tgt Ion:107 Resp: 98544
Ion Ratio Lower Upper
107 100
144 26.8 22.0 33.0
142 79.0 61.6 92.4



#36
2-Methylnaphthalene
Concen: 22.534 ng/ul
RT: 12.706 min Scan# 1586
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:142 Resp: 211606
Ion Ratio Lower Upper
142 100
141 92.8 77.8 116.6





#37

1-Methylnaphthalene

Concen: 21.680 ng/ul

RT: 12.923 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

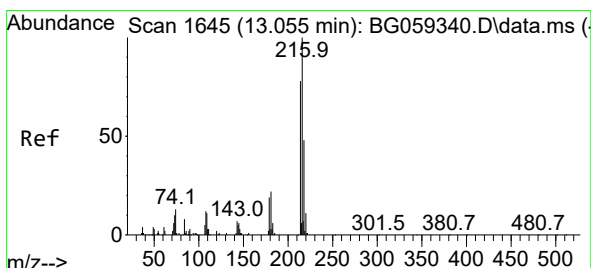
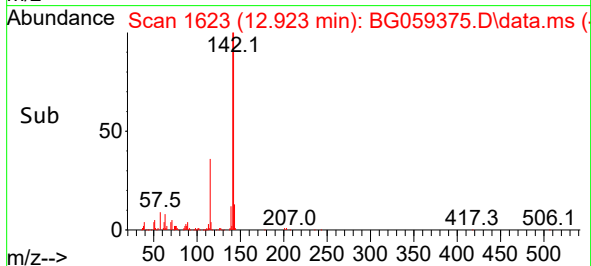
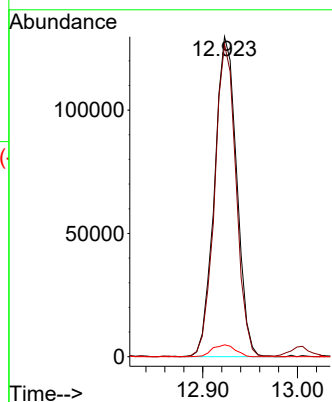
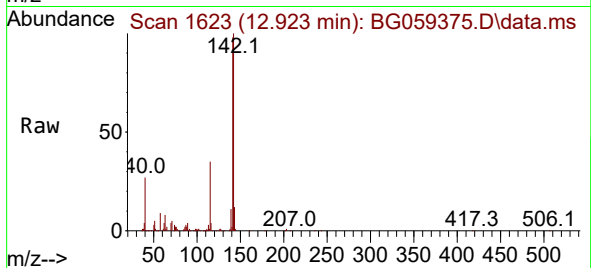
Tgt Ion:142 Resp: 211381

Ion Ratio Lower Upper

142 100

141 97.7 74.3 111.5

116 3.7 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.444 ng/ul

RT: 13.052 min Scan# 1645

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Tgt Ion:216 Resp: 112882

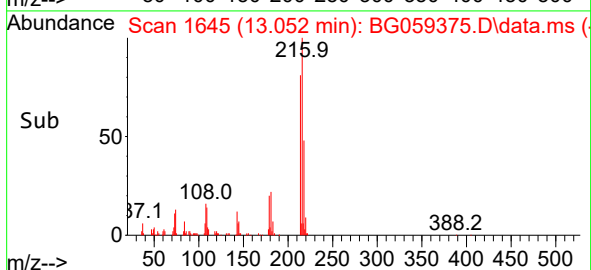
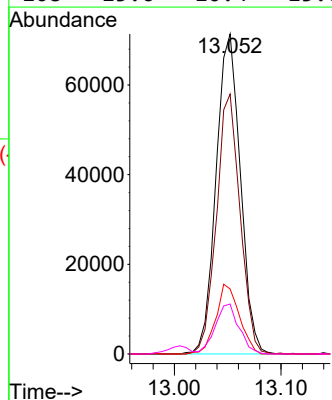
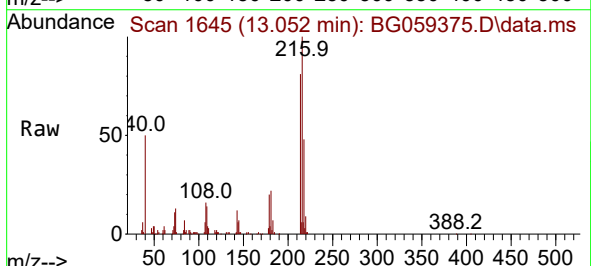
Ion Ratio Lower Upper

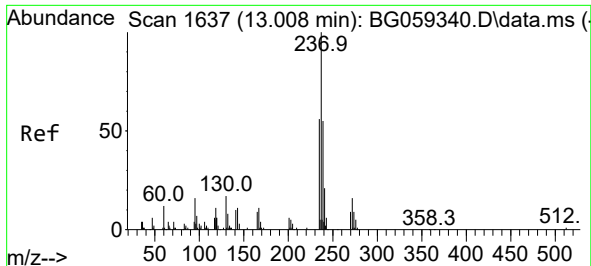
216 100

214 81.2 63.0 94.6

179 20.3 15.0 22.6

108 15.6 10.4 15.6#

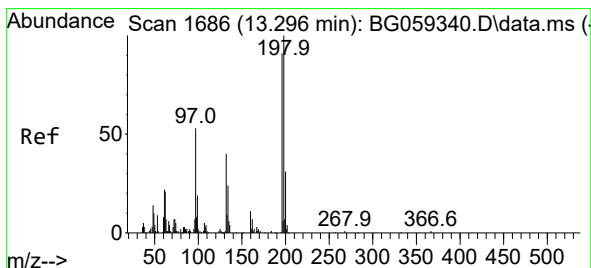
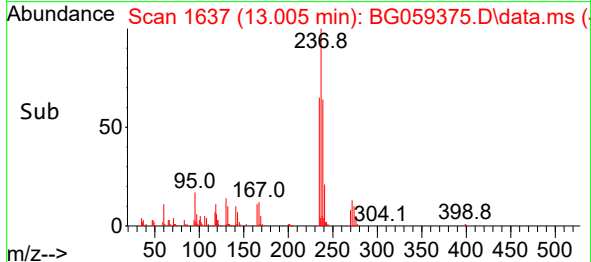
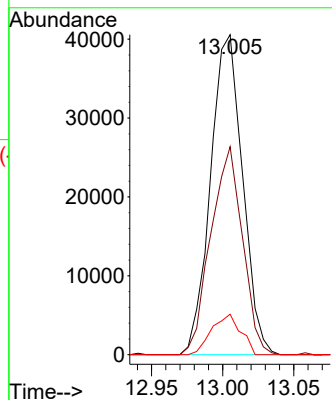
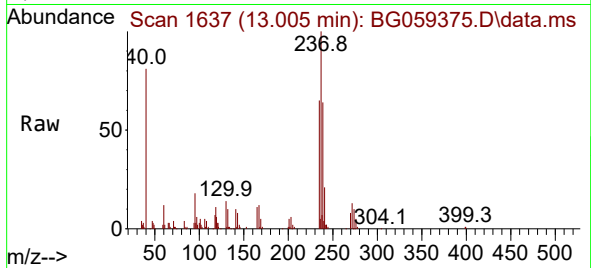




#40
Hexachlorocyclopentadiene
Concen: 21.077 ng/ul
RT: 13.005 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

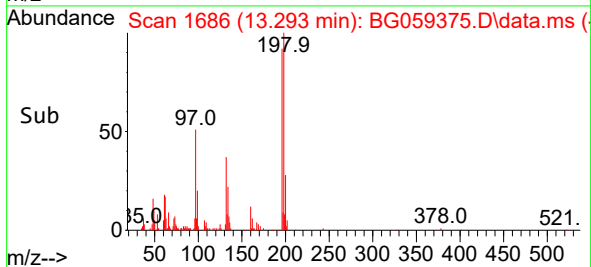
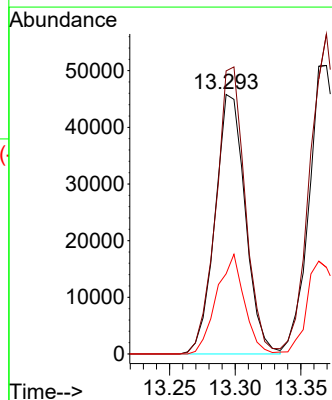
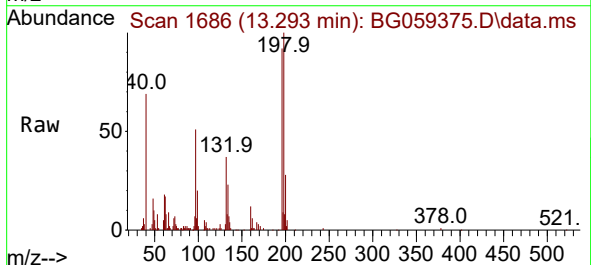
Instrument :
BNA_G
ClientSampleId :
SSTD020591

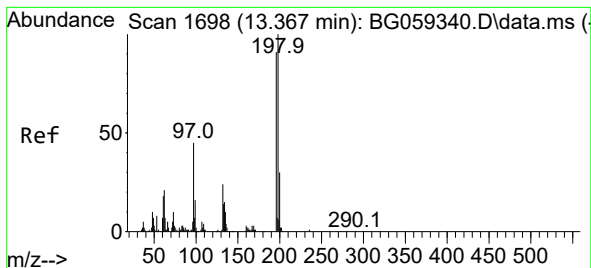
Tgt Ion:237 Resp: 63641
Ion Ratio Lower Upper
237 100
235 65.0 48.4 72.6
272 12.7 13.3 19.9#



#41
2,4,6-Trichlorophenol
Concen: 21.470 ng/ul
RT: 13.293 min Scan# 1686
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:196 Resp: 73272
Ion Ratio Lower Upper
196 100
198 109.0 88.6 132.8
200 30.9 27.2 40.8





#42

2,4,5-Trichlorophenol

Concen: 22.505 ng/ul

RT: 13.369 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

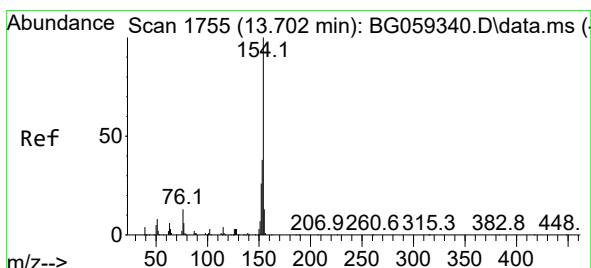
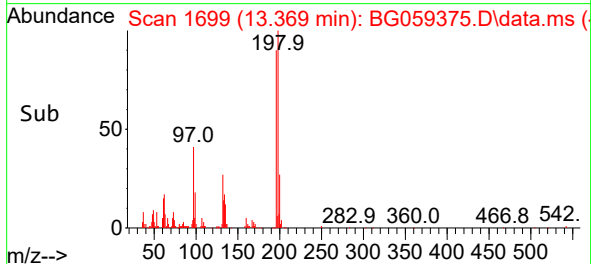
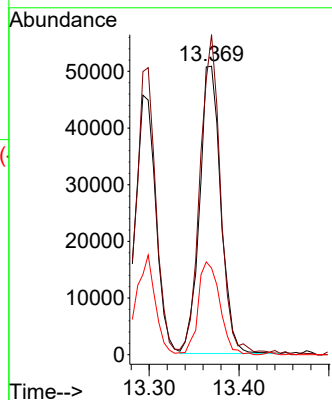
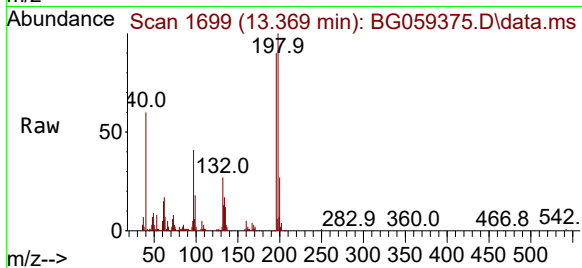
Tgt Ion:196 Resp: 83414

Ion Ratio Lower Upper

196 100

198 110.9 87.8 131.8

200 30.0 26.4 39.6



#43

1,1'-Biphenyl

Concen: 22.080 ng/ul

RT: 13.698 min Scan# 1755

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

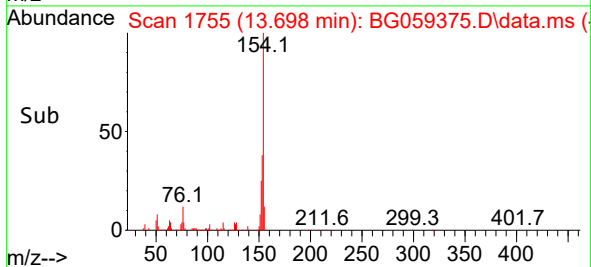
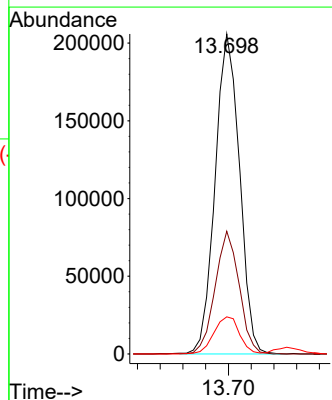
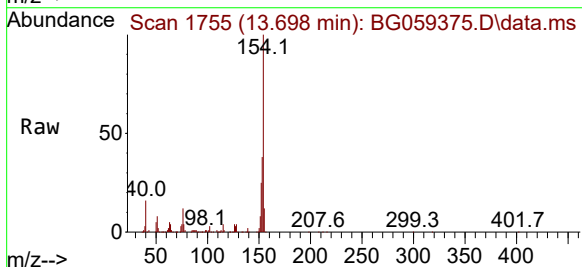
Tgt Ion:154 Resp: 306857

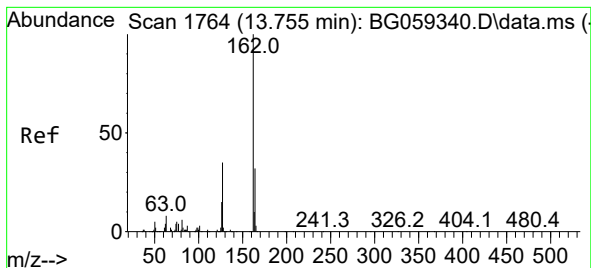
Ion Ratio Lower Upper

154 100

153 38.3 30.1 45.1

76 11.6 10.3 15.5





#44

2-Chloronaphthalene

Concen: 21.028 ng/ul

RT: 13.751 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

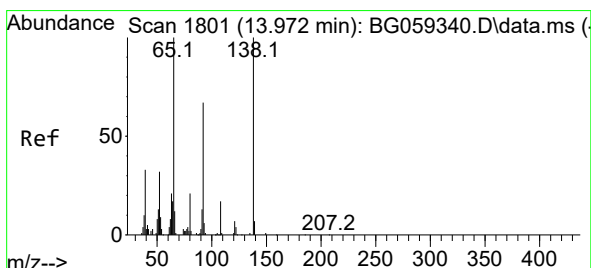
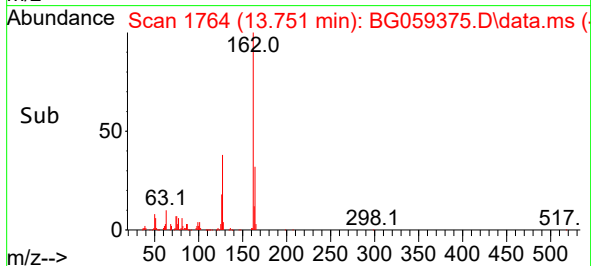
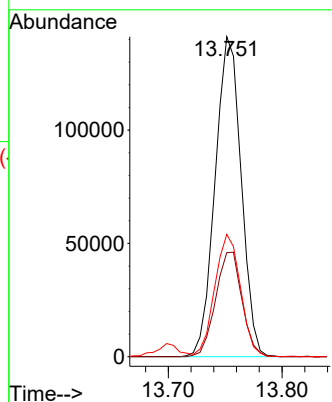
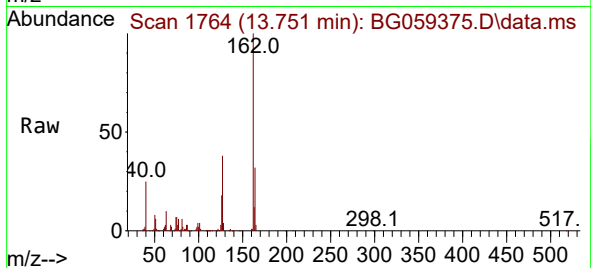
Tgt Ion:162 Resp: 224630

Ion Ratio Lower Upper

162 100

164 32.5 25.7 38.5

127 38.2 29.4 44.2



#45

2-Nitroaniline

Concen: 20.858 ng/ul

RT: 13.969 min Scan# 1801

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

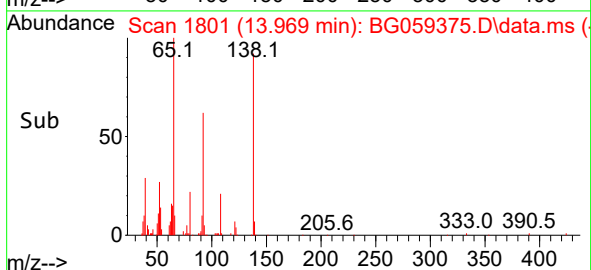
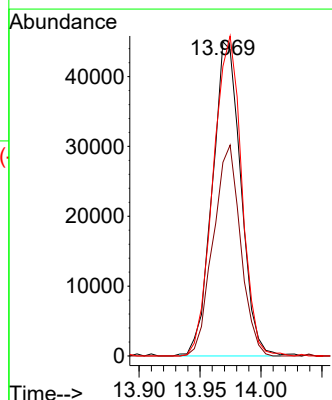
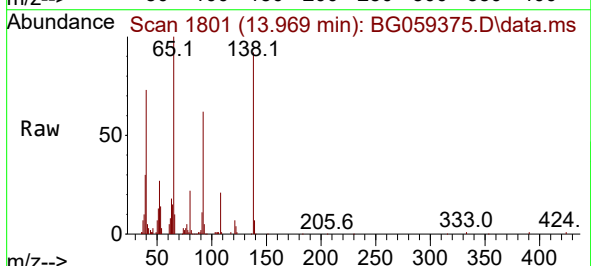
Tgt Ion: 65 Resp: 72963

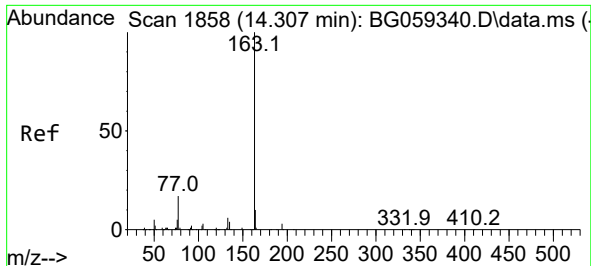
Ion Ratio Lower Upper

65 100

92 61.6 53.8 80.8

138 92.2 80.0 120.0

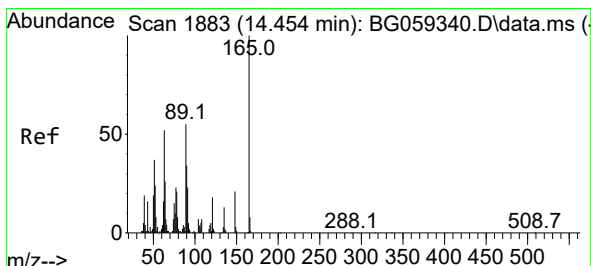
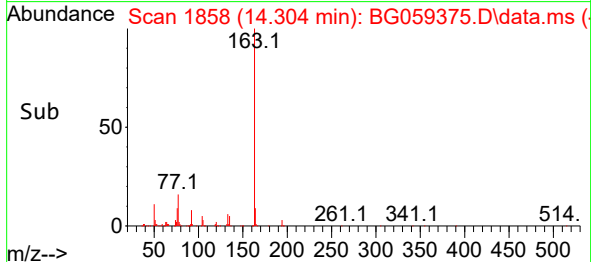
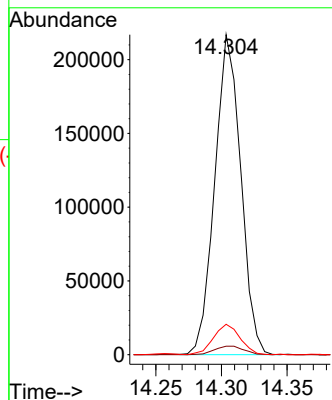
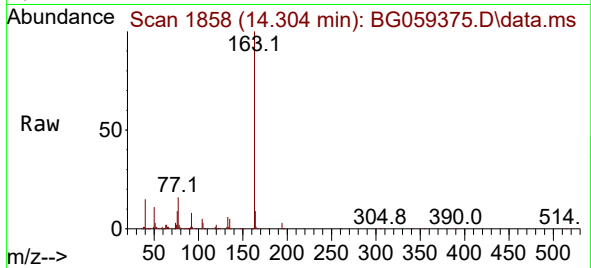




#47
Dimethylphthalate
Concen: 21.468 ng/ul
RT: 14.304 min Scan# 1858
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

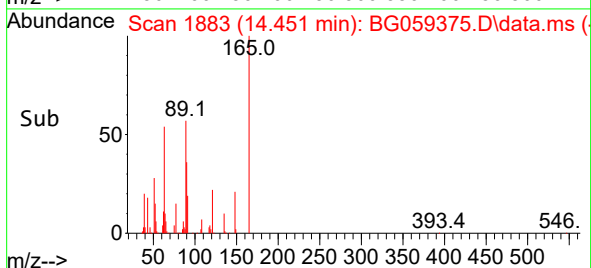
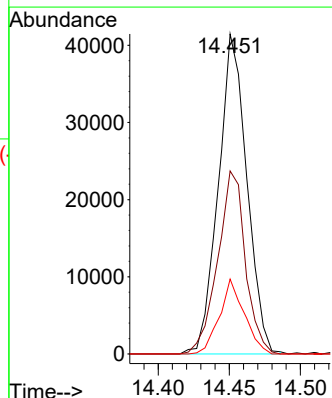
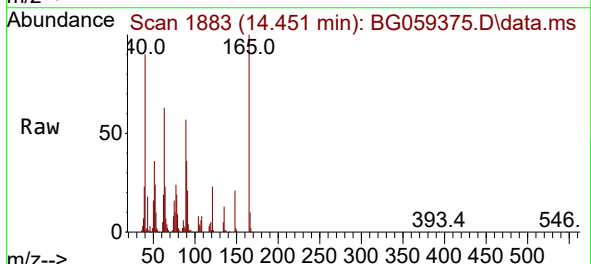
Instrument :
BNA_G
ClientSampleId :
SSTD020591

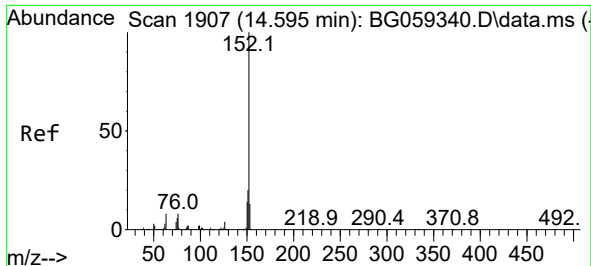
Tgt Ion:163 Resp: 298469
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 9.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 20.598 ng/ul
RT: 14.451 min Scan# 1883
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:165 Resp: 57775
Ion Ratio Lower Upper
165 100
89 57.2 43.6 65.4
121 23.4 14.7 22.1#

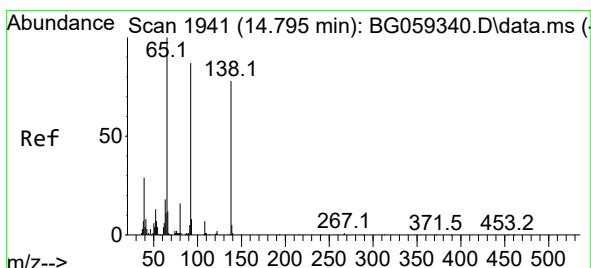
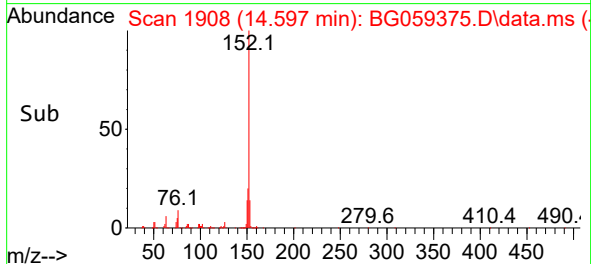
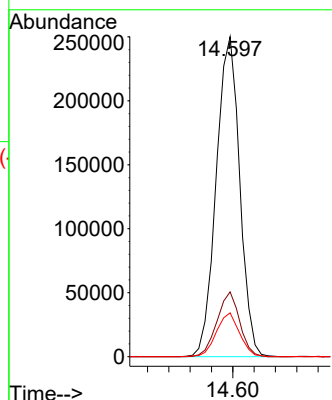
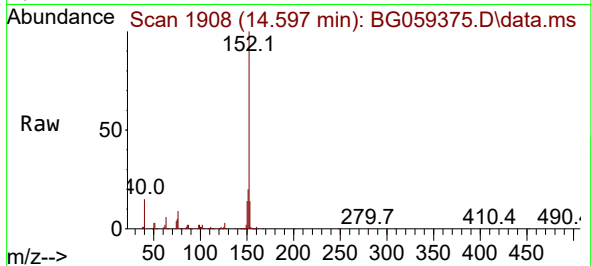




#50
Acenaphthylene
Concen: 21.592 ng/ul
RT: 14.597 min Scan# 1907
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

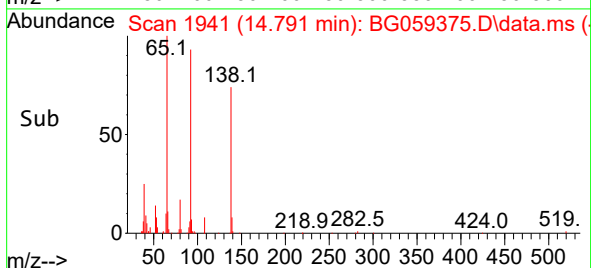
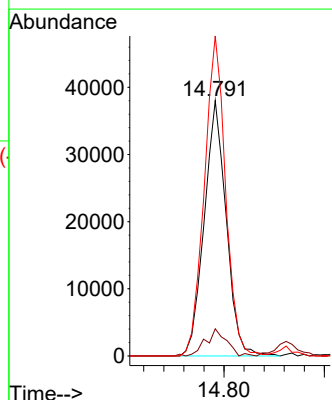
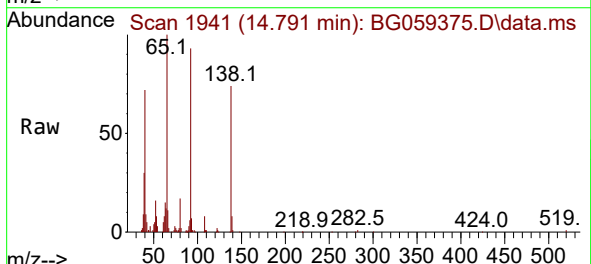
Instrument :
BNA_G
ClientSampleId :
SSTD020591

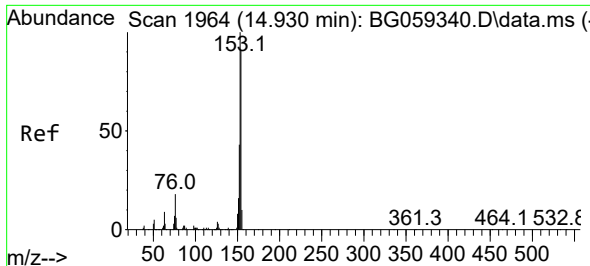
Tgt Ion:152 Resp: 382078
Ion Ratio Lower Upper
152 100
151 20.3 15.8 23.8
153 13.7 10.3 15.5



#51
3-Nitroaniline
Concen: 21.088 ng/ul
RT: 14.791 min Scan# 1941
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:138 Resp: 57919
Ion Ratio Lower Upper
138 100
108 10.7 7.4 11.0
92 125.3 89.1 133.7

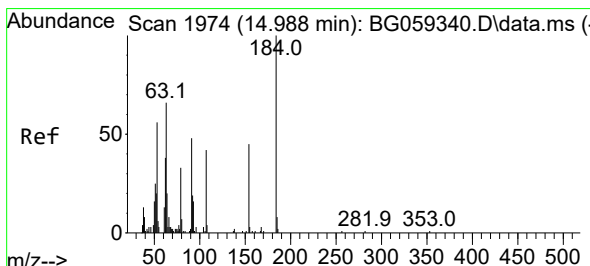
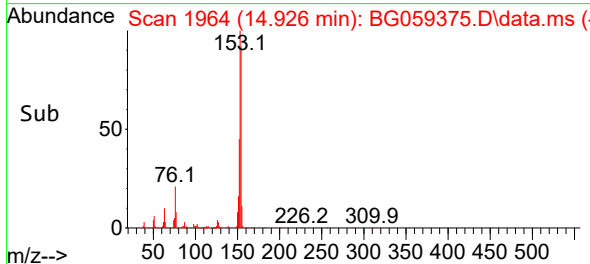
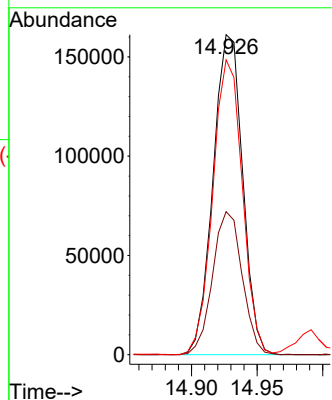
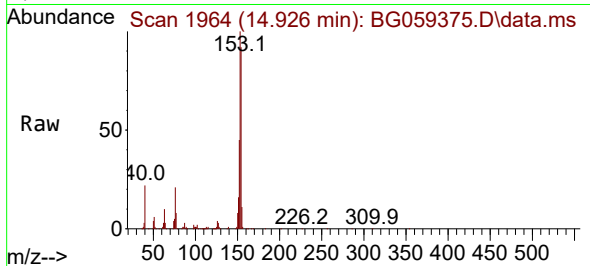




#52
Acenaphthene
Concen: 21.108 ng/ul
RT: 14.926 min Scan# 1964
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

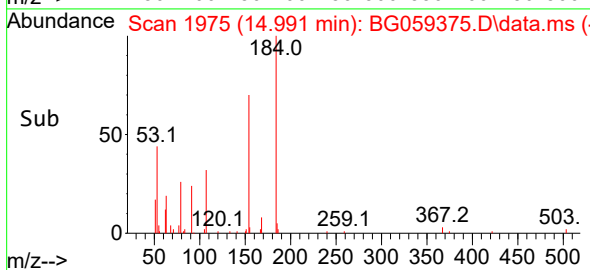
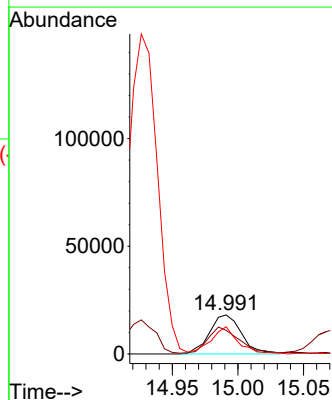
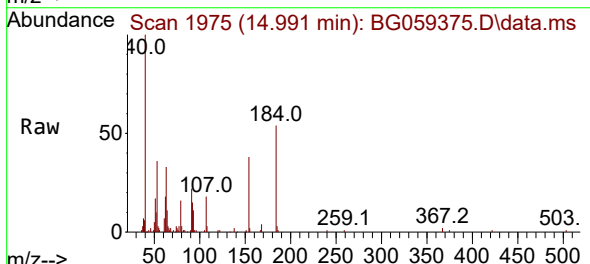
Instrument :
BNA_G
ClientSampleId :
SSTD020591

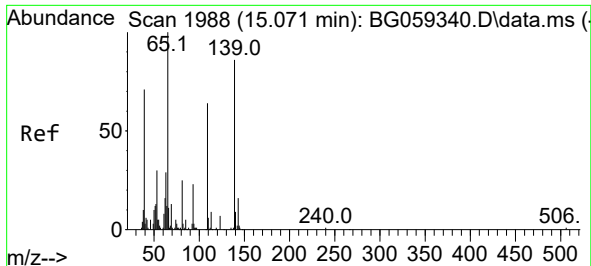
Tgt Ion:153 Resp: 252726
Ion Ratio Lower Upper
153 100
152 44.7 34.6 52.0
154 92.1 73.0 109.4



#53
2,4-Dinitrophenol
Concen: 15.249 ng/ul
RT: 14.991 min Scan# 1975
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:184 Resp: 30723
Ion Ratio Lower Upper
184 100
63 60.9 54.9 82.3
154 69.6 44.9 67.3#

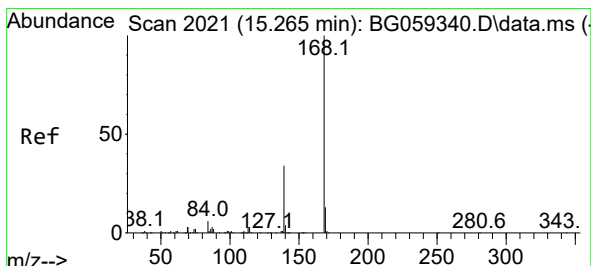
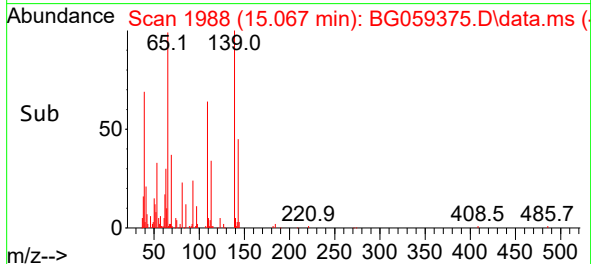
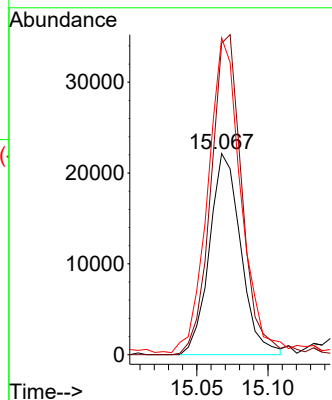
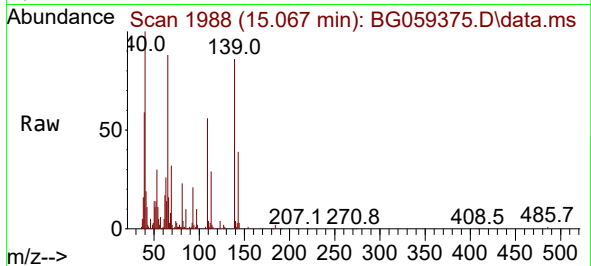




#55
4-Nitrophenol
Concen: 19.391 ng/ul
RT: 15.067 min Scan# 1988
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

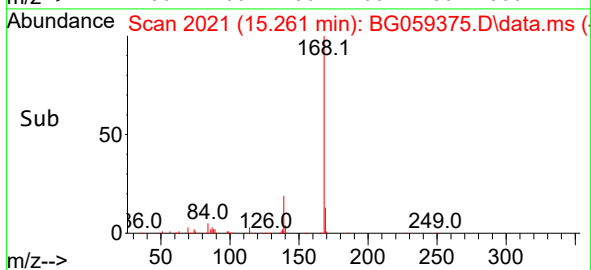
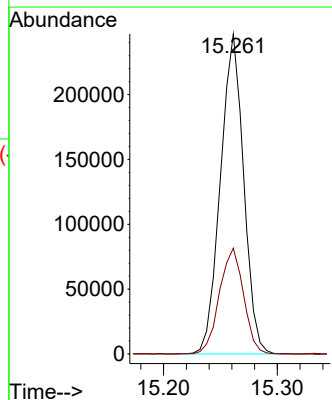
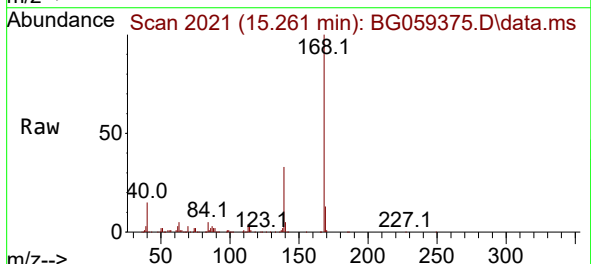
Instrument :
BNA_G
ClientSampleId :
SSTD020591

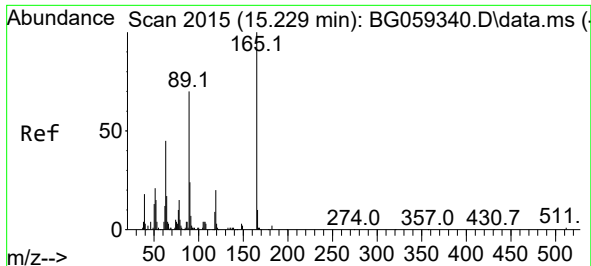
Tgt Ion:109 Resp: 33916
Ion Ratio Lower Upper
109 100
139 154.9 107.9 161.9
65 157.6 126.6 189.8



#56
Dibenzofuran
Concen: 21.197 ng/ul
RT: 15.261 min Scan# 2021
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:168 Resp: 350183
Ion Ratio Lower Upper
168 100
139 33.0 27.4 41.2





#57

2,4-Dinitrotoluene

Concen: 20.337 ng/ul

RT: 15.232 min Scan# 2015

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

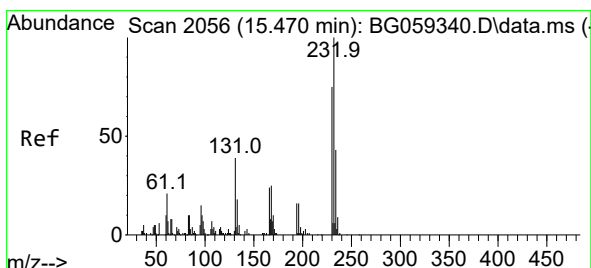
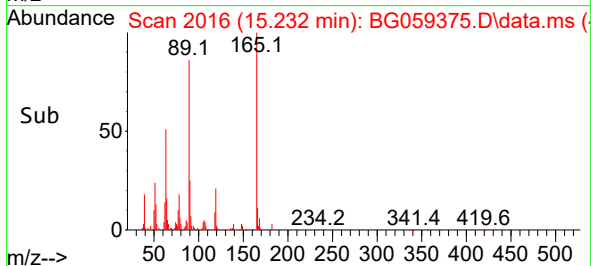
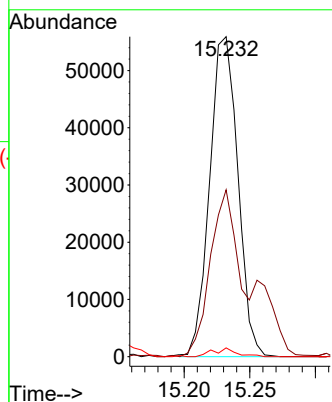
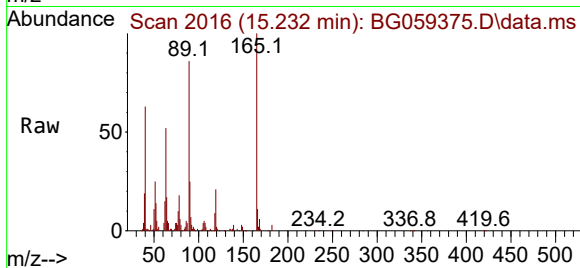
Tgt Ion:165 Resp: 83539

Ion Ratio Lower Upper

165 100

63 52.1 36.4 54.6

182 2.8 1.2 1.8#



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.097 ng/ul

RT: 15.467 min Scan# 2056

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Tgt Ion:232 Resp: 75033

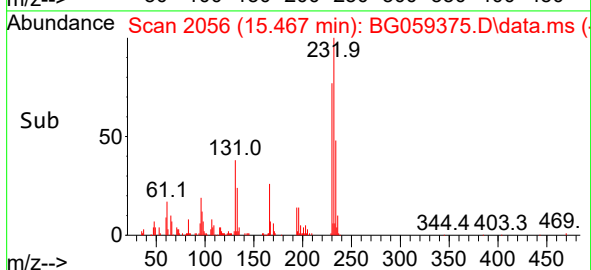
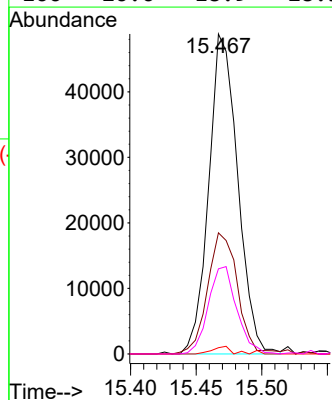
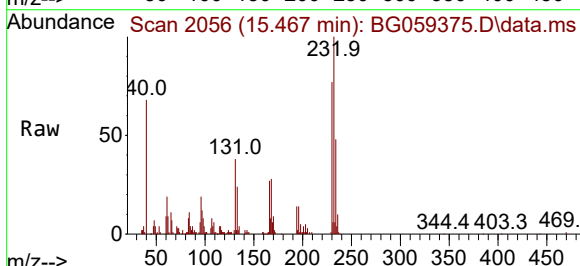
Ion Ratio Lower Upper

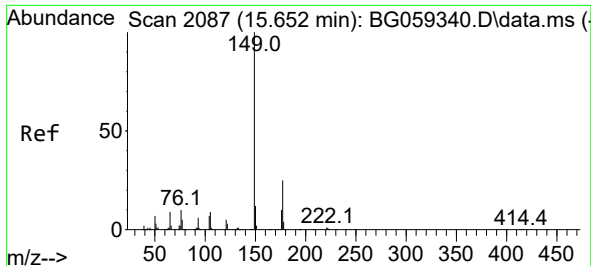
232 100

131 37.8 31.0 46.6

130 2.0 1.8 2.6

166 26.6 18.9 28.3





#59

Diethylphthalate

Concen: 20.436 ng/ul

RT: 15.649 min Scan# 2087

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

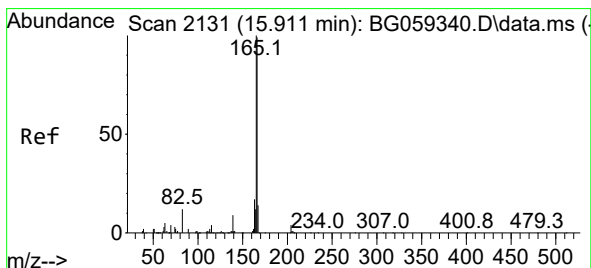
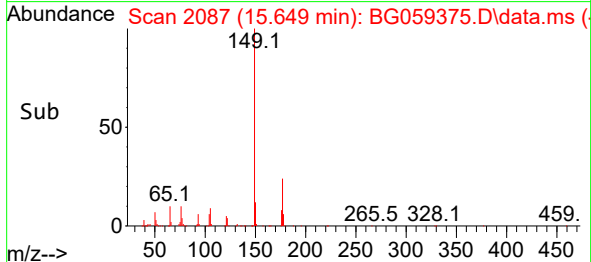
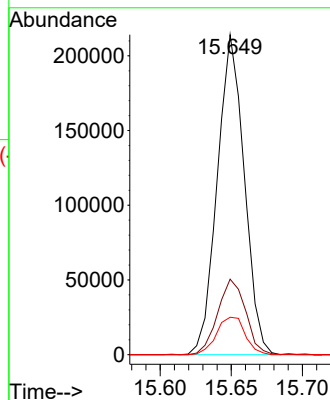
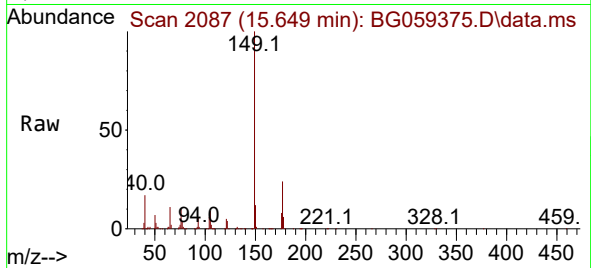
Tgt Ion:149 Resp: 282573

Ion Ratio Lower Upper

149 100

177 23.6 20.1 30.1

150 11.7 9.4 14.2



#61

Fluorene

Concen: 20.945 ng/ul

RT: 15.908 min Scan# 2131

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

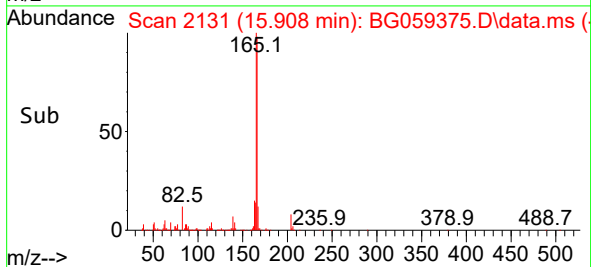
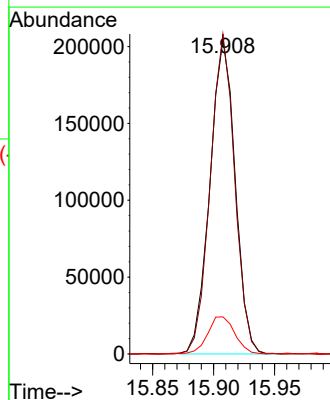
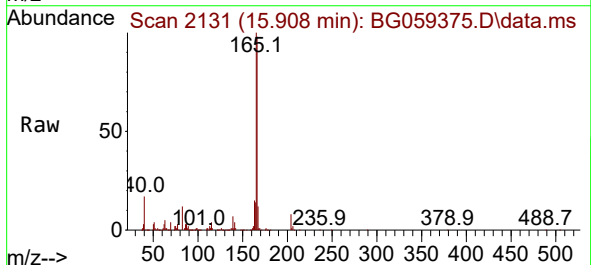
Tgt Ion:166 Resp: 294395

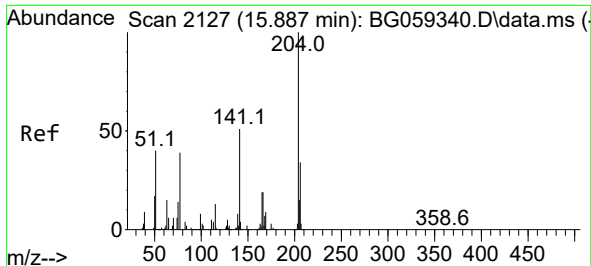
Ion Ratio Lower Upper

166 100

165 101.8 81.0 121.6

167 11.8 11.7 17.5

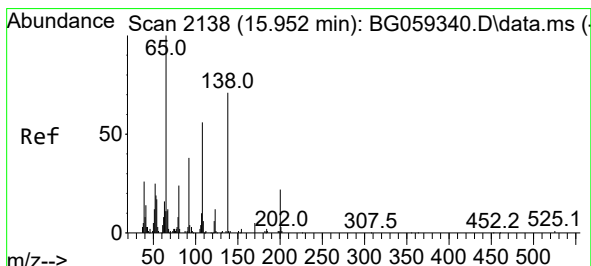
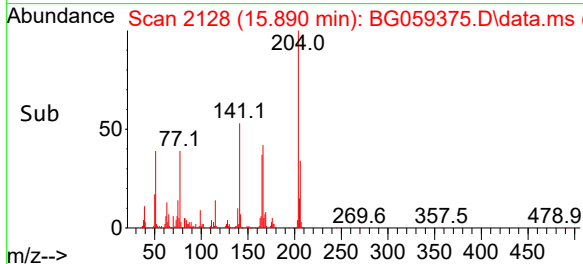
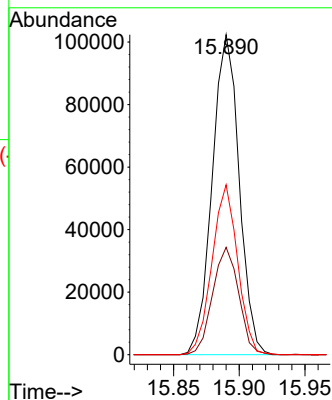
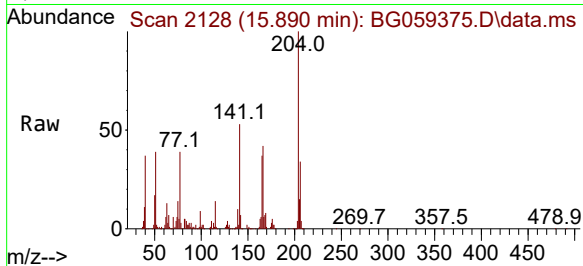




#62
4-Chlorophenyl-phenylether
Concen: 21.030 ng/ul
RT: 15.890 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

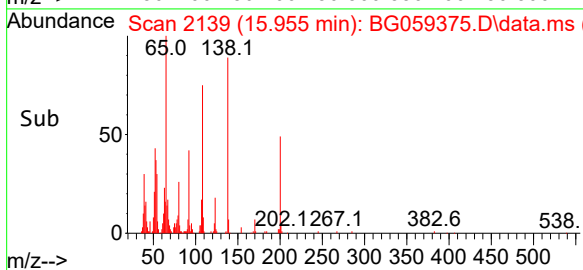
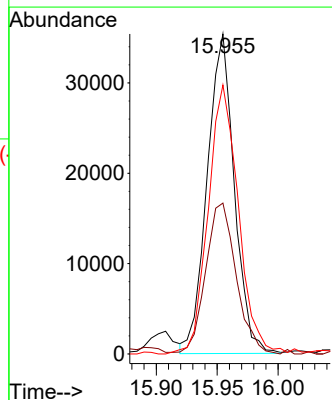
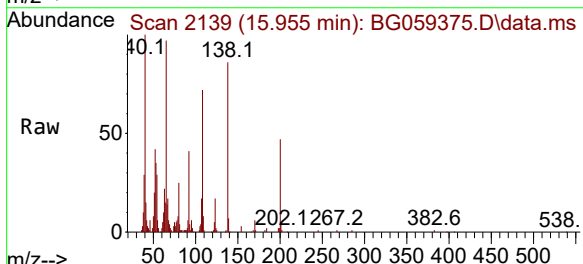
Instrument :
BNA_G
ClientSampleId :
SSTD020591

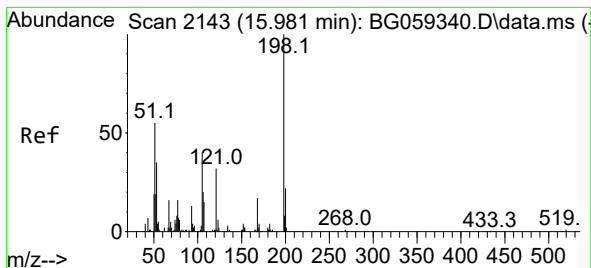
Tgt Ion:204 Resp: 146061
Ion Ratio Lower Upper
204 100
206 33.5 26.9 40.3
141 53.1 40.7 61.1



#63
4-Nitroaniline
Concen: 22.133 ng/ul
RT: 15.955 min Scan# 2139
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:138 Resp: 54728
Ion Ratio Lower Upper
138 100
92 47.2 44.1 66.1
108 84.0 63.3 94.9

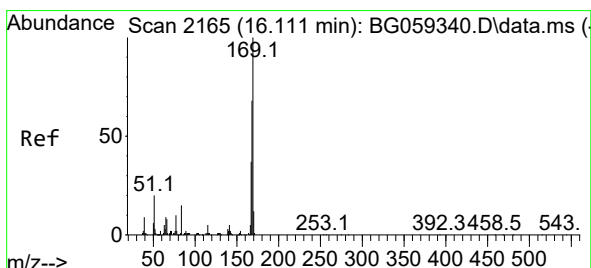
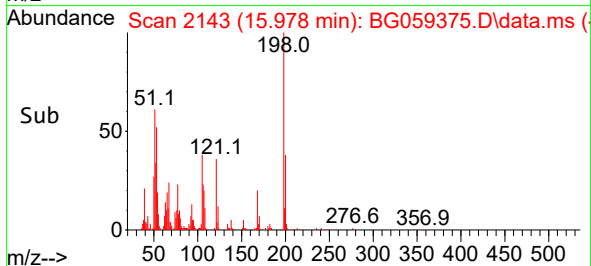
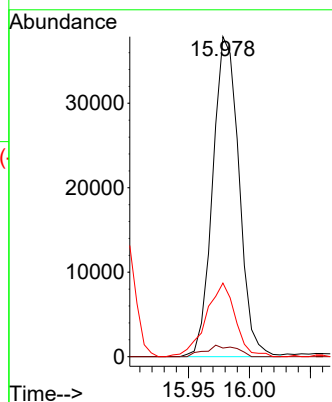
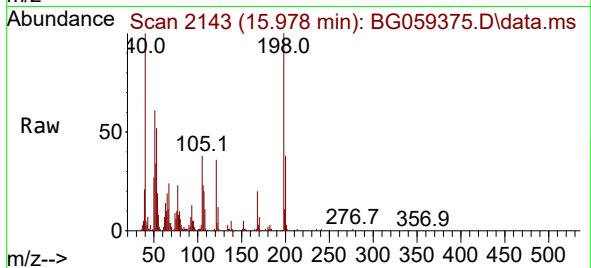




#66
4,6-Dinitro-2-methylphenol
Concen: 21.699 ng/ul
RT: 15.978 min Scan# 2143
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

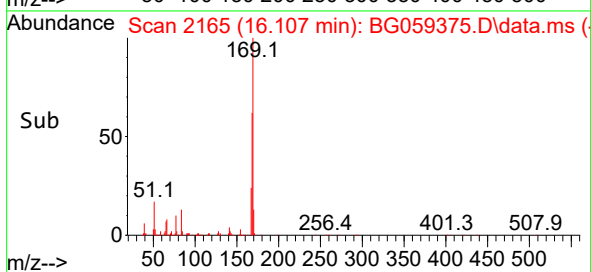
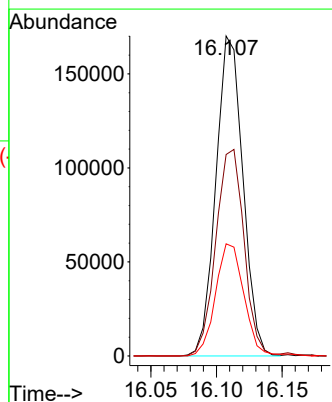
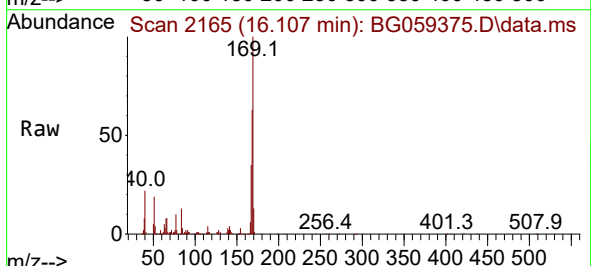
Instrument :
BNA_G
ClientSampleId :
SSTD020591

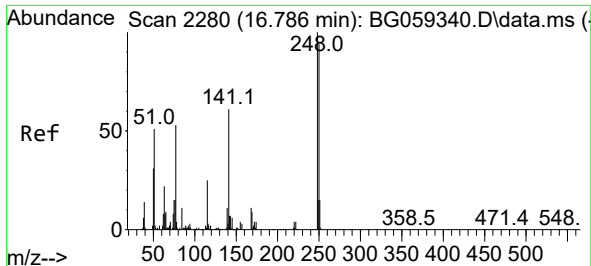
Tgt Ion:198 Resp: 56720
Ion Ratio Lower Upper
198 100
182 2.7 3.1 4.7#
77 23.0 13.8 20.6#



#67
N-Nitrosodiphenylamine
Concen: 23.119 ng/ul
RT: 16.107 min Scan# 2165
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:169 Resp: 243523
Ion Ratio Lower Upper
169 100
168 62.9 54.6 82.0
167 35.0 29.5 44.3

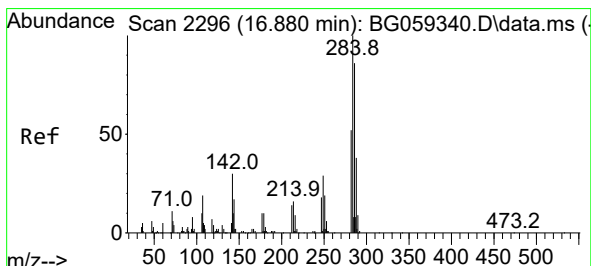
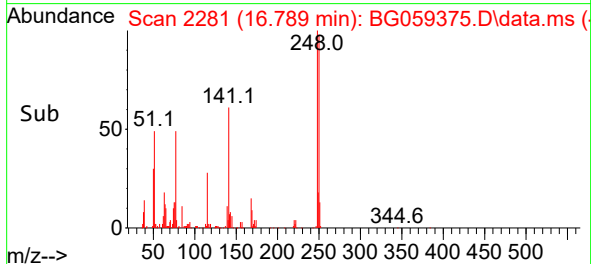
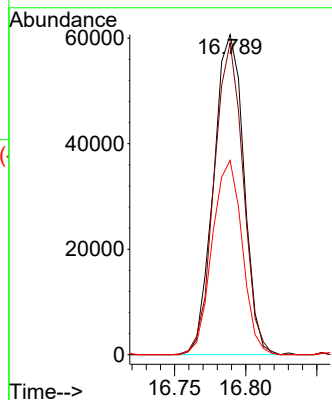
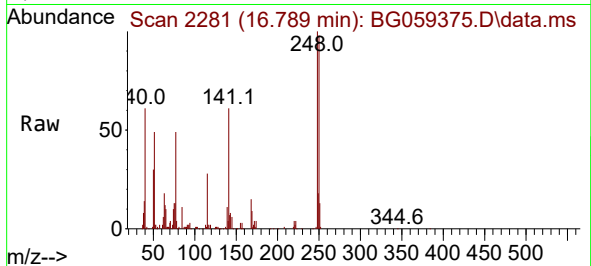




#68
4-Bromophenyl-phenylether
Concen: 22.713 ng/ul
RT: 16.789 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

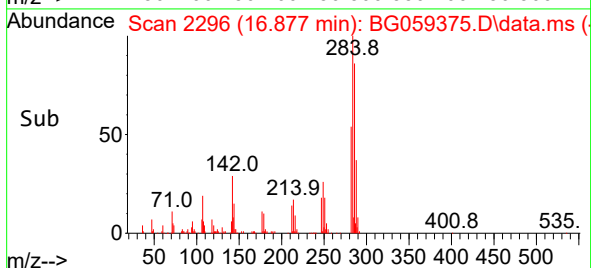
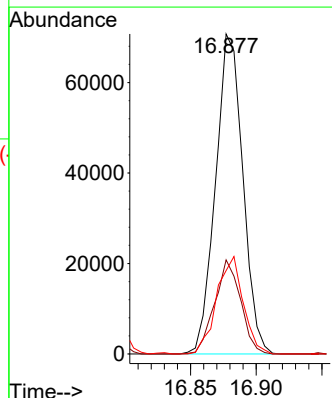
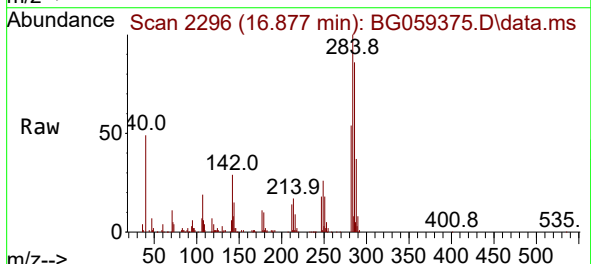
Instrument :
BNA_G
ClientSampleId :
SSTD020591

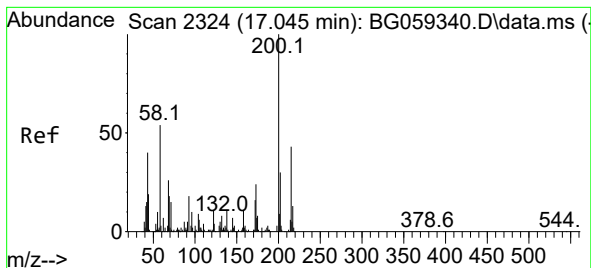
Tgt Ion:248 Resp: 89775
Ion Ratio Lower Upper
248 100
250 97.5 75.0 112.4
141 60.7 49.0 73.6



#69
Hexachlorobenzene
Concen: 22.662 ng/ul
RT: 16.877 min Scan# 2296
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:284 Resp: 102248
Ion Ratio Lower Upper
284 100
142 29.4 23.8 35.8
249 26.0 23.0 34.6





#70

Atrazine

Concen: 22.833 ng/ul

RT: 17.042 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

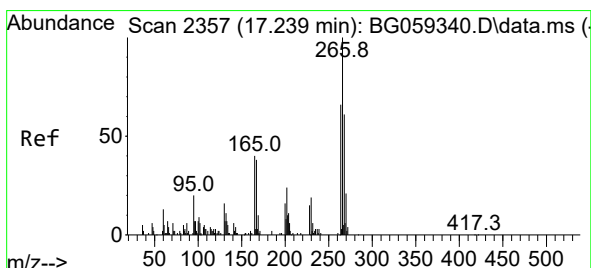
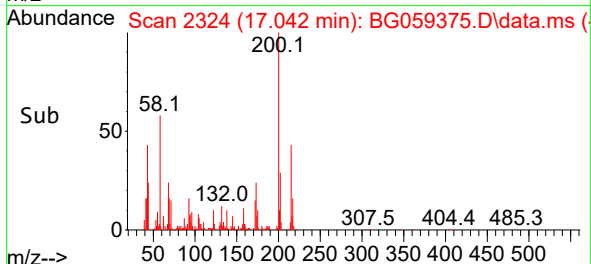
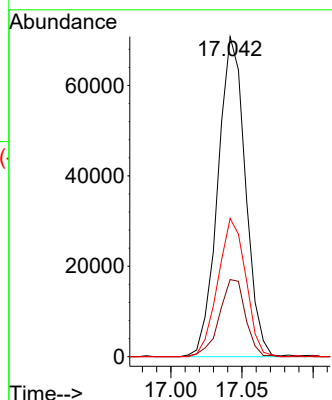
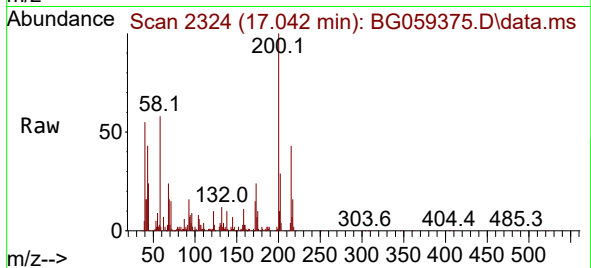
Tgt Ion:200 Resp: 95358

Ion Ratio Lower Upper

200 100

173 24.1 19.4 29.0

215 43.2 34.2 51.4



#71

Pentachlorophenol

Concen: 21.876 ng/ul

RT: 17.235 min Scan# 2357

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

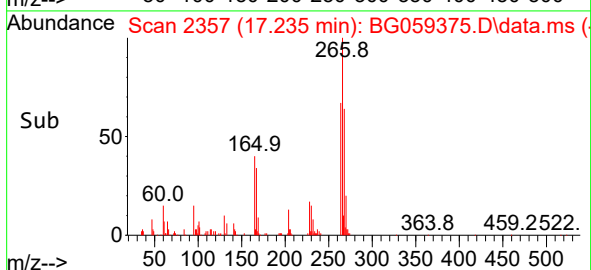
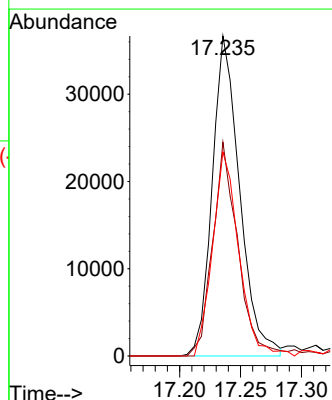
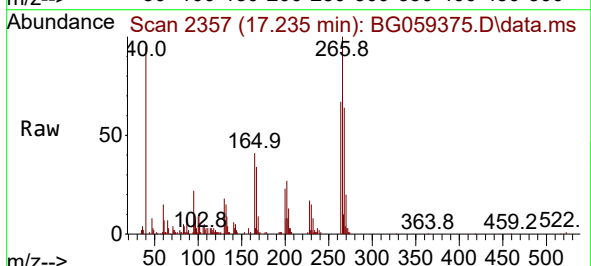
Tgt Ion:266 Resp: 57363

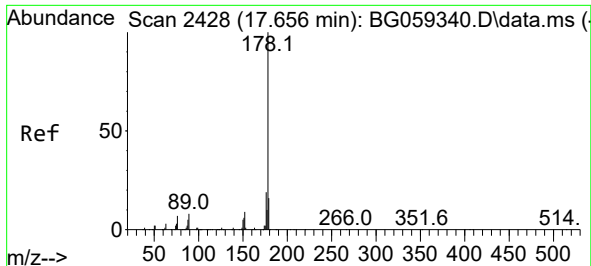
Ion Ratio Lower Upper

266 100

264 66.8 55.0 82.6

268 63.8 48.5 72.7

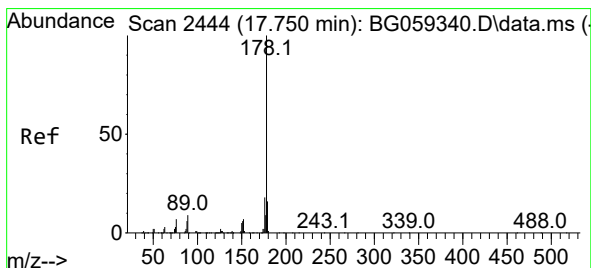
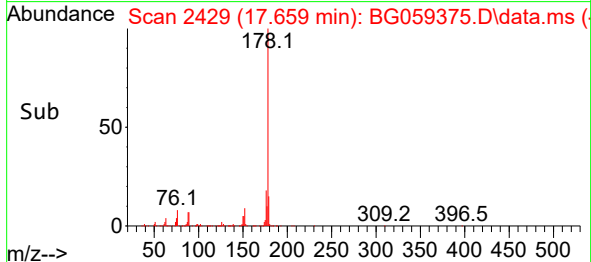
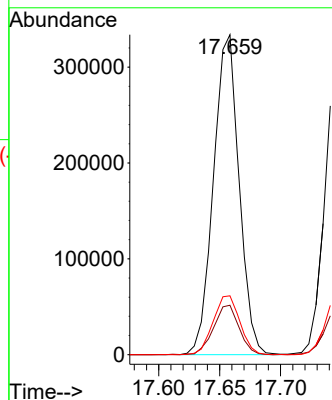
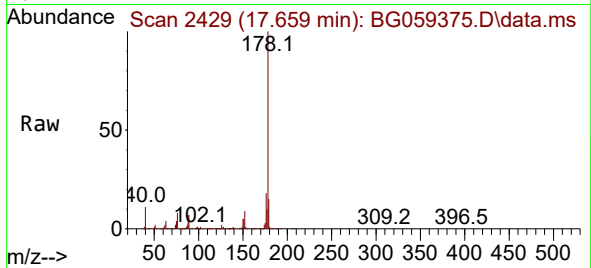




#72
Phenanthrene
Concen: 22.157 ng/ul
RT: 17.659 min Scan# 2429
Delta R.T. 0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

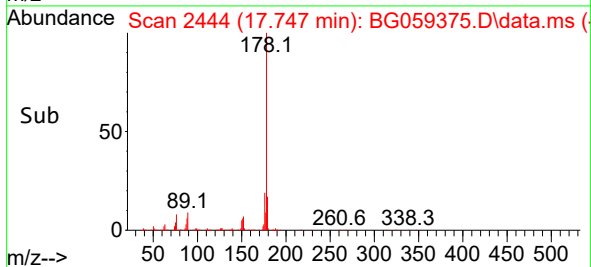
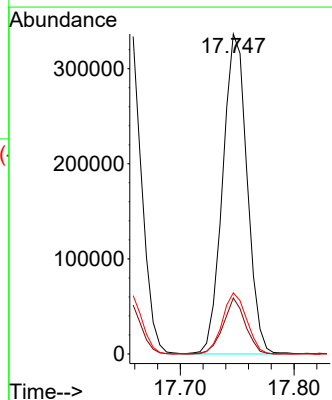
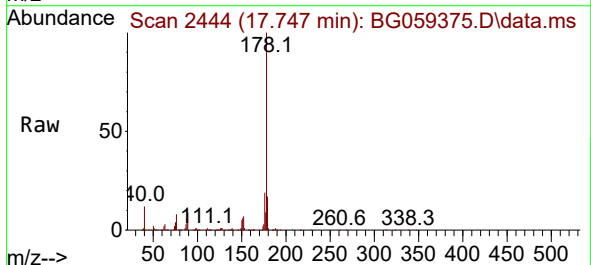
Instrument :
BNA_G
ClientSampleId :
SSTD020591

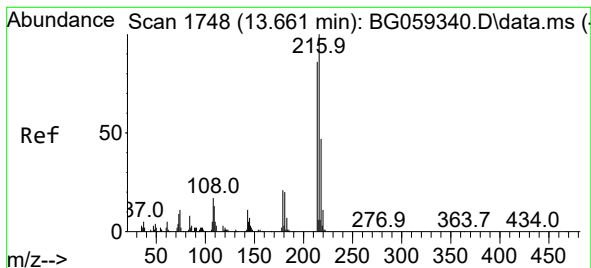
Tgt Ion:178 Resp: 488463
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 18.4 15.2 22.8



#74
Anthracene
Concen: 22.393 ng/ul
RT: 17.747 min Scan# 2444
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:178 Resp: 502066
Ion Ratio Lower Upper
178 100
179 17.5 12.5 18.7
176 19.1 14.6 21.8





#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.251 ng/uL

RT: 13.657 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

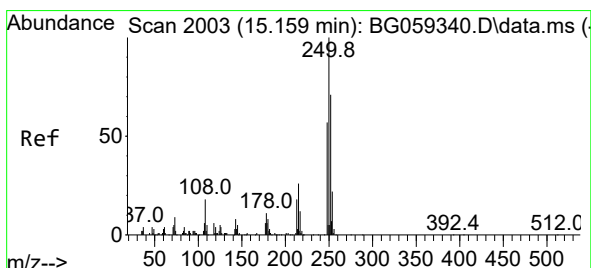
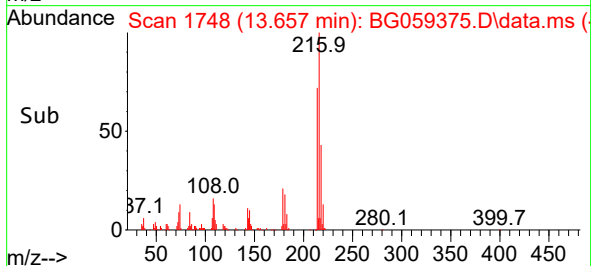
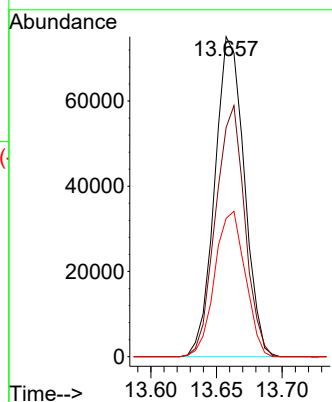
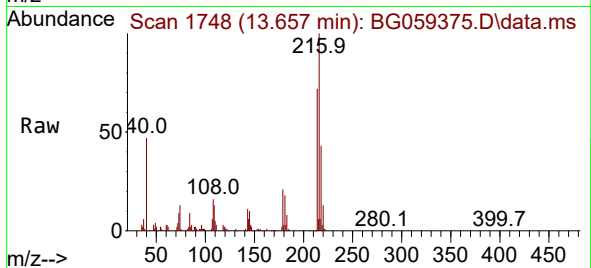
Tgt Ion:216 Resp: 117277

Ion Ratio Lower Upper

216 100

214 71.6 68.5 102.7

218 43.2 37.8 56.8



#76

Pentachlorobenzene

Concen: 23.026 ng/uL

RT: 15.156 min Scan# 2003

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

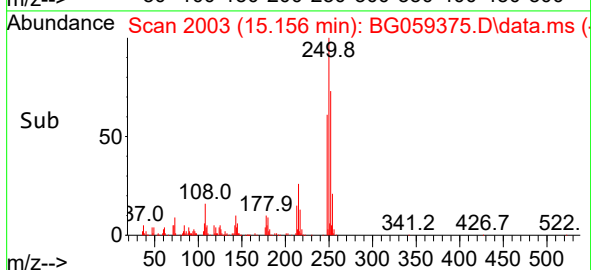
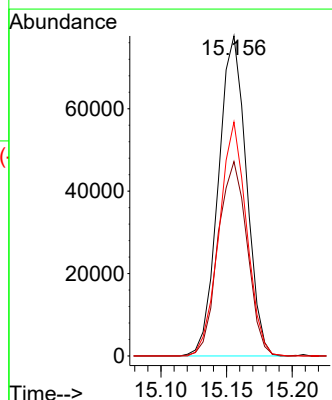
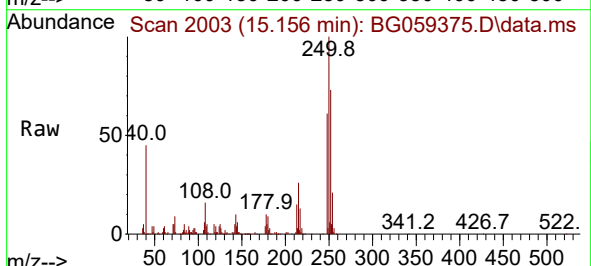
Tgt Ion:250 Resp: 115243

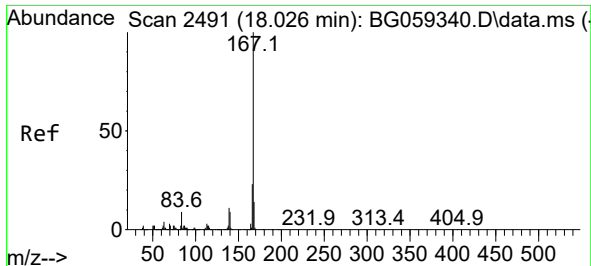
Ion Ratio Lower Upper

250 100

248 60.8 45.4 68.2

252 73.1 56.6 84.8

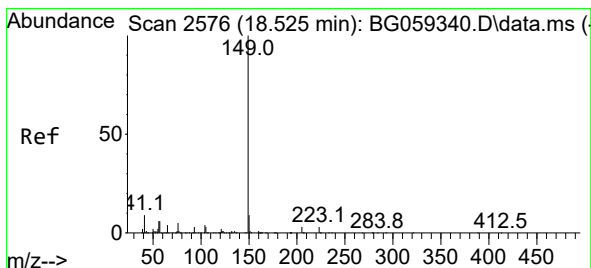
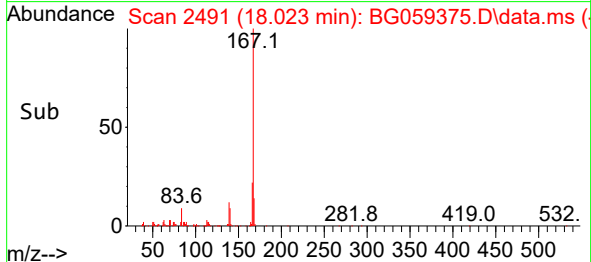
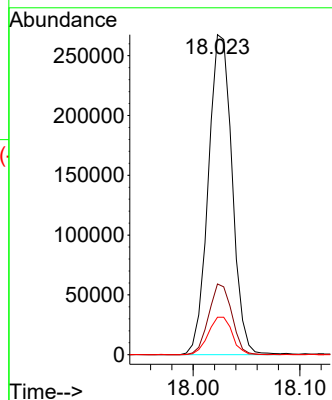
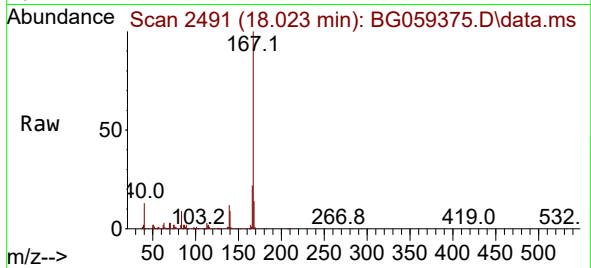




#77
 Carbazole
 Concen: 22.251 ng/ul
 RT: 18.023 min Scan# 2491
 Delta R.T. -0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

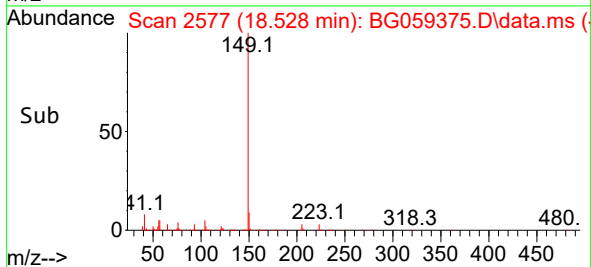
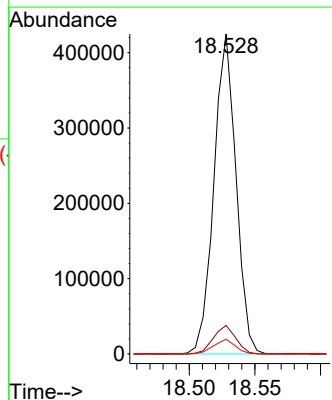
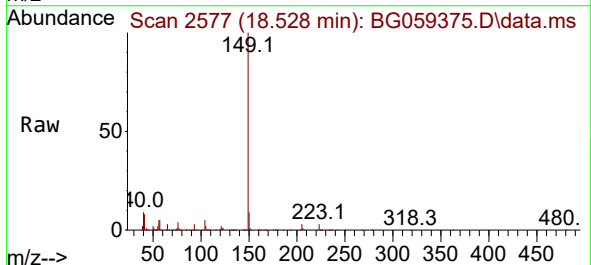
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591

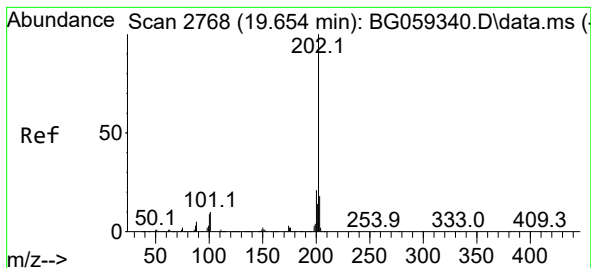
Tgt Ion:167 Resp: 415179
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.2 27.4
 139 11.7 9.1 13.7



#78
 Di-n-butylphthalate
 Concen: 22.485 ng/ul
 RT: 18.528 min Scan# 2577
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

Tgt Ion:149 Resp: 496373
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 4.6 3.4 5.2

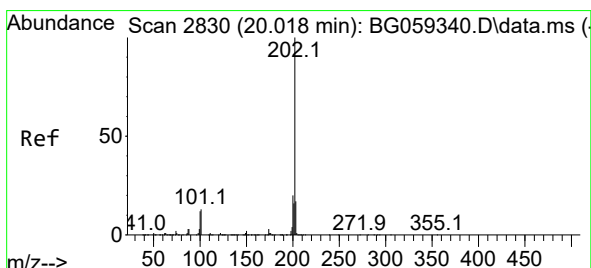
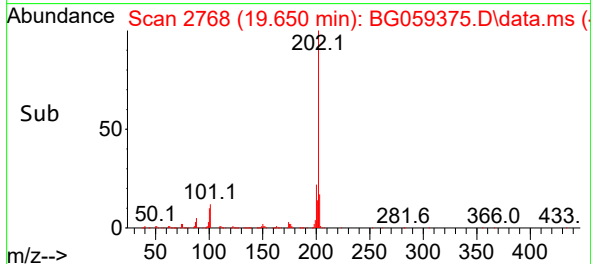
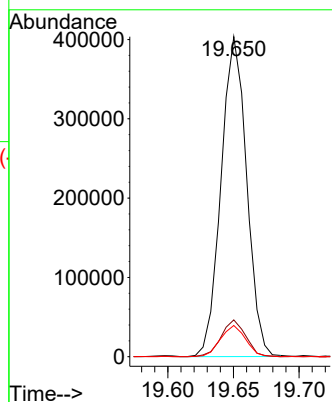
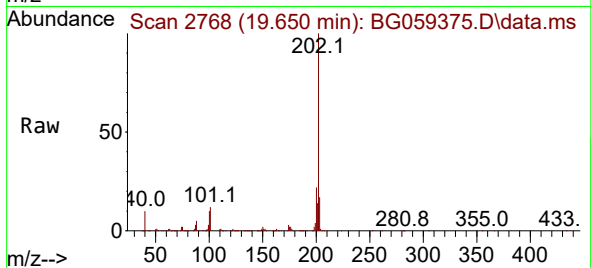




#80
Fluoranthene
Concen: 21.692 ng/ul
RT: 19.650 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

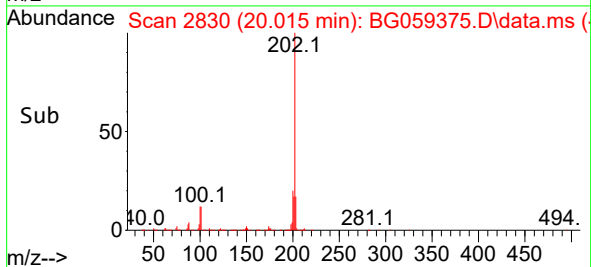
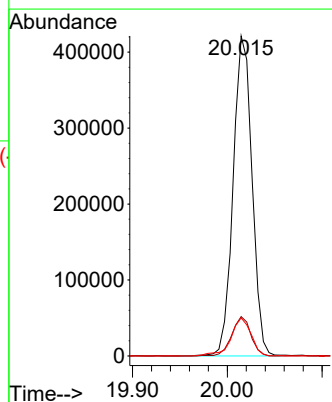
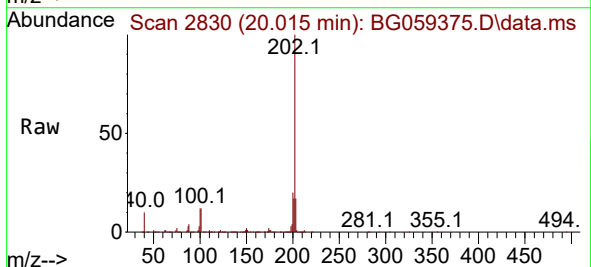
Instrument :
BNA_G
ClientSampleId :
SSTD020591

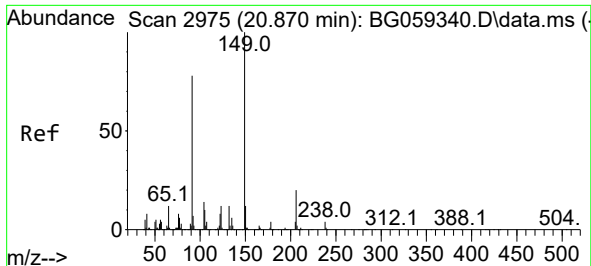
Tgt Ion:202 Resp: 547232
Ion Ratio Lower Upper
202 100
101 11.5 8.0 12.0
100 9.8 7.2 10.8



#82
Pyrene
Concen: 22.238 ng/ul
RT: 20.015 min Scan# 2830
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:202 Resp: 583051
Ion Ratio Lower Upper
202 100
101 12.3 10.5 15.7
100 11.9 9.6 14.4

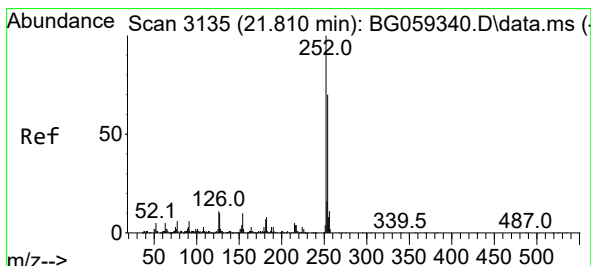
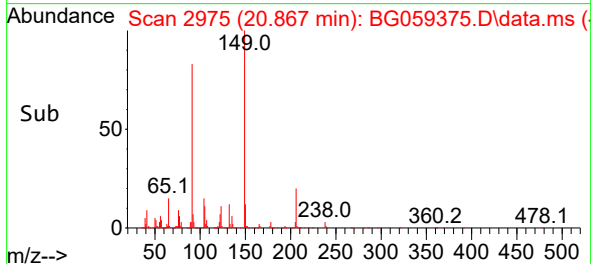
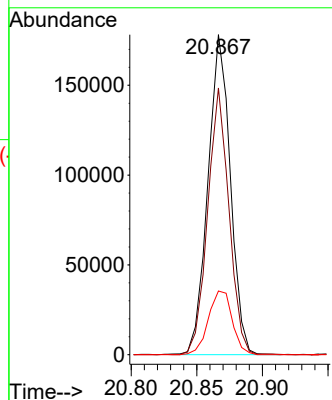
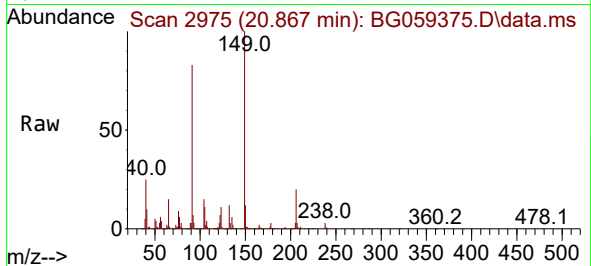




#83
Butylbenzylphthalate
Concen: 21.808 ng/ul
RT: 20.867 min Scan# 2975
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

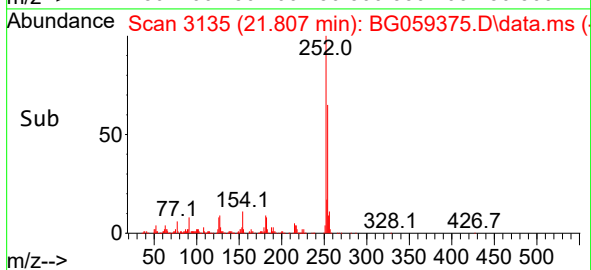
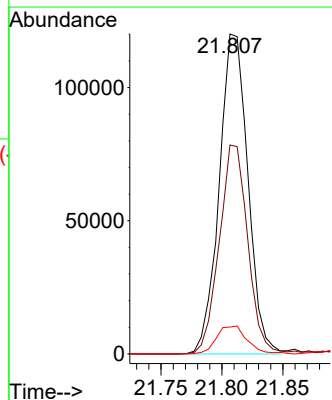
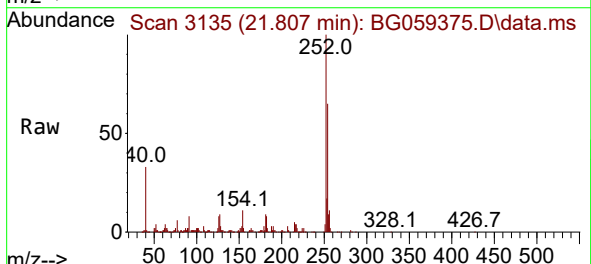
Instrument :
BNA_G
ClientSampleId :
SSTD020591

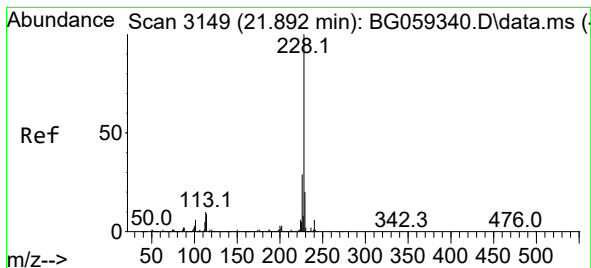
Tgt Ion:149 Resp: 211257
Ion Ratio Lower Upper
149 100
91 83.4 62.0 93.0
206 19.9 16.3 24.5



#84
3,3'-Dichlorobenzidine
Concen: 23.560 ng/ul
RT: 21.807 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:252 Resp: 196706
Ion Ratio Lower Upper
252 100
254 65.3 55.5 83.3
126 8.4 9.0 13.4#





#85

Benzo(a)anthracene

Concen: 21.845 ng/ul

RT: 21.895 min Scan# 3149

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

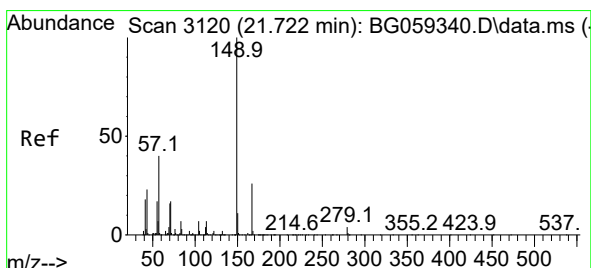
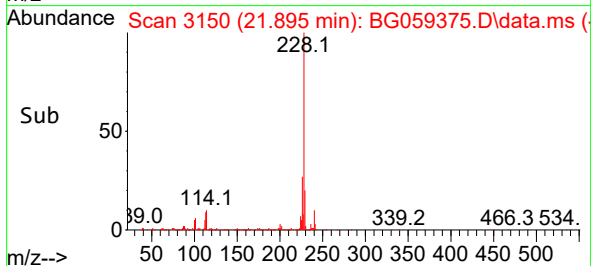
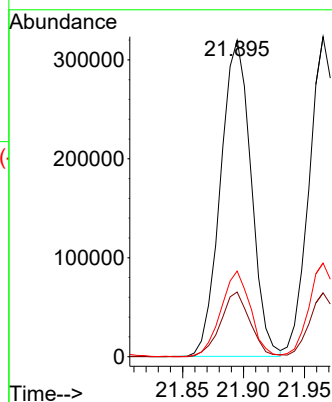
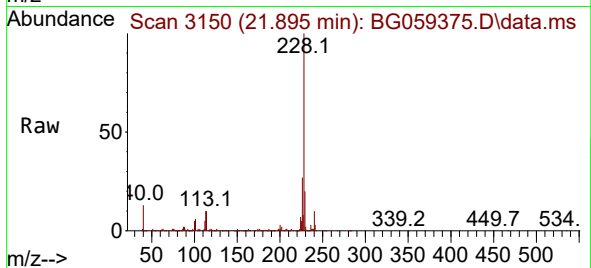
Tgt Ion:228 Resp: 558349

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.8

226 27.1 23.3 34.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 21.358 ng/ul

RT: 21.724 min Scan# 3121

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

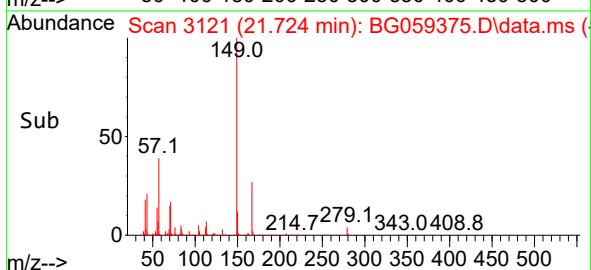
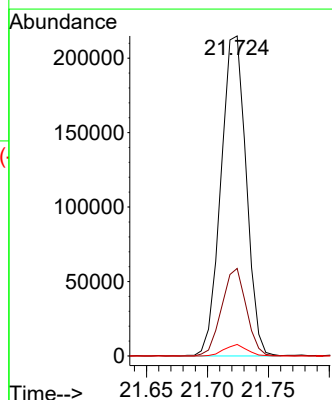
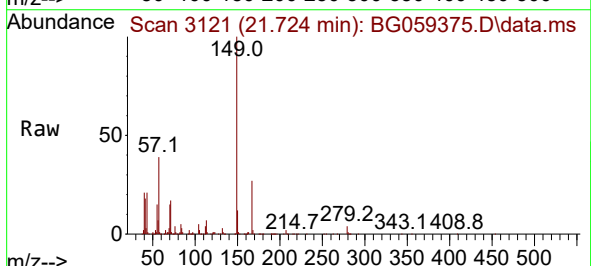
Tgt Ion:149 Resp: 309443

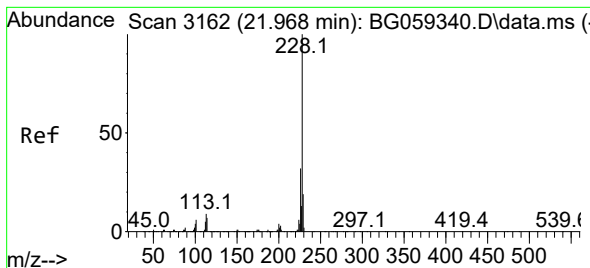
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 3.6 2.8 4.2





#87

Chrysene

Concen: 21.766 ng/ul

RT: 21.965 min Scan# 3162

Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

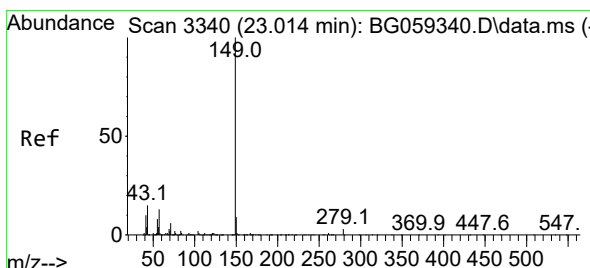
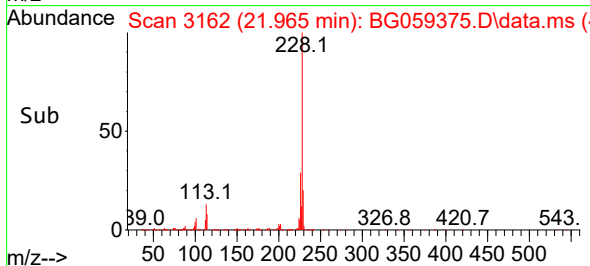
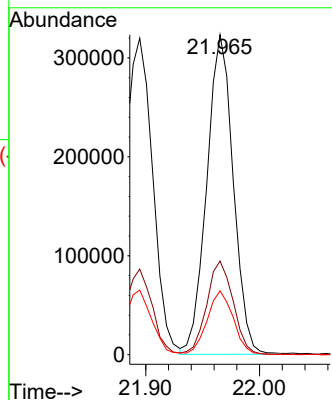
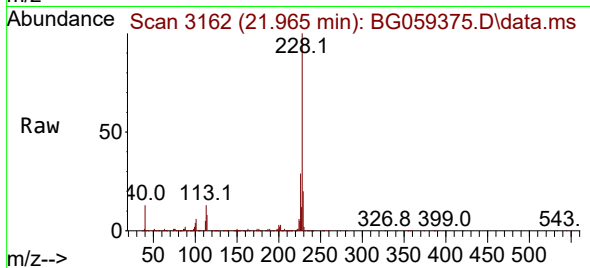
Tgt Ion:228 Resp: 522566

Ion Ratio Lower Upper

228 100

226 29.2 25.2 37.8

229 20.0 15.0 22.4



#89

Di-n-octyl phthalate

Concen: 21.412 ng/ul

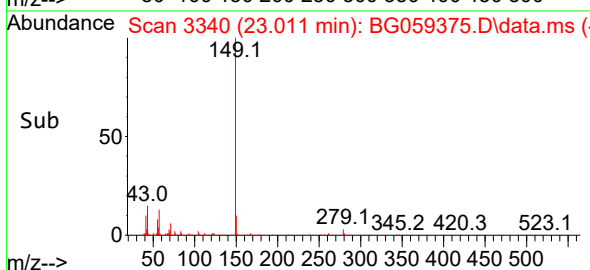
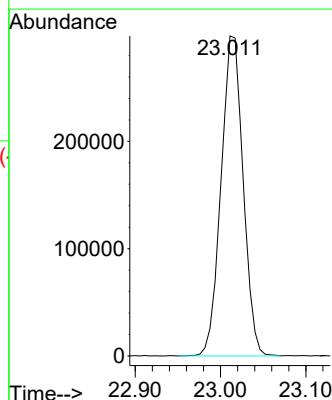
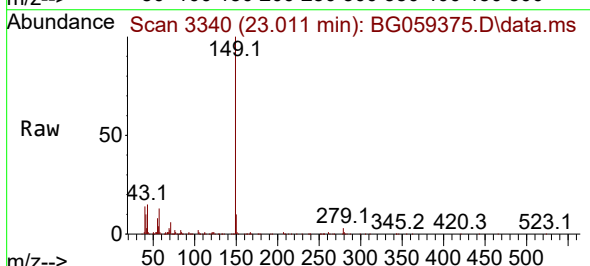
RT: 23.011 min Scan# 3340

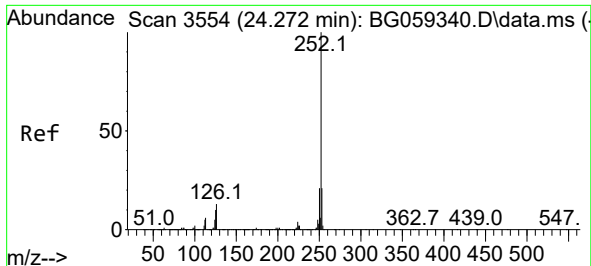
Delta R.T. -0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Tgt Ion:149 Resp: 536726

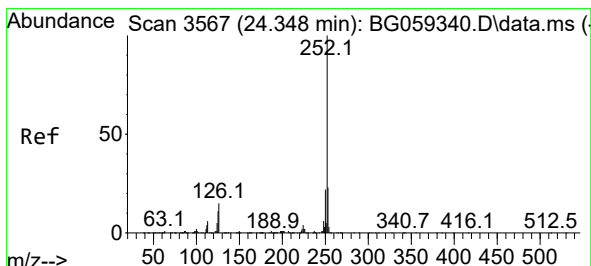
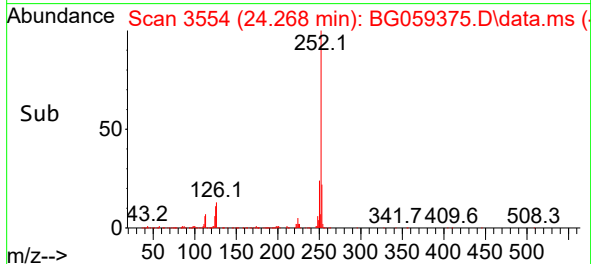
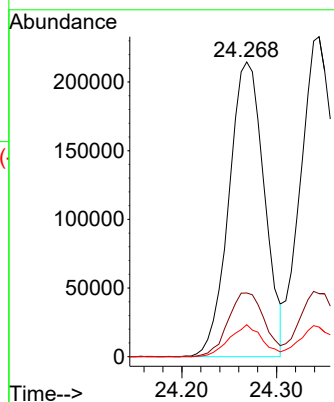
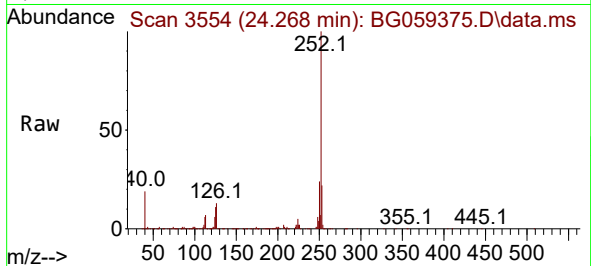




#90
Benzo(b)fluoranthene
Concen: 21.272 ng/ul
RT: 24.268 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

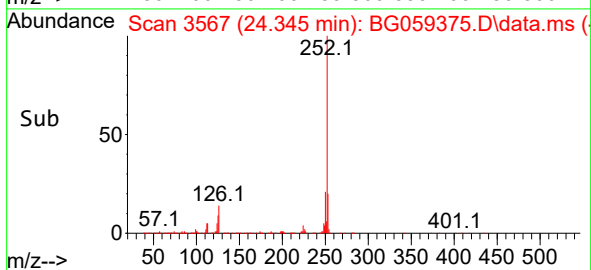
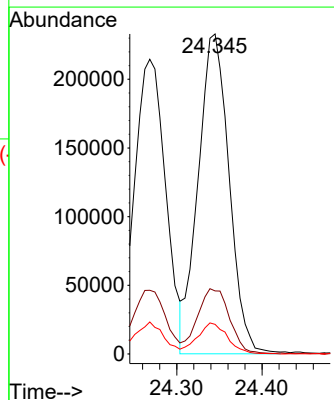
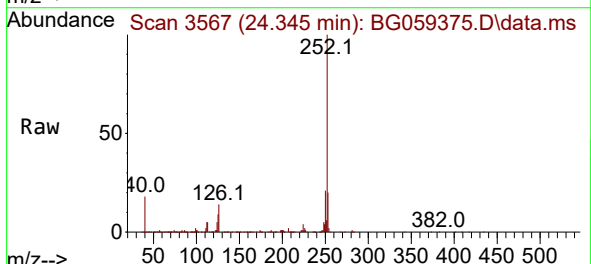
Instrument :
BNA_G
ClientSampleId :
SSTD020591

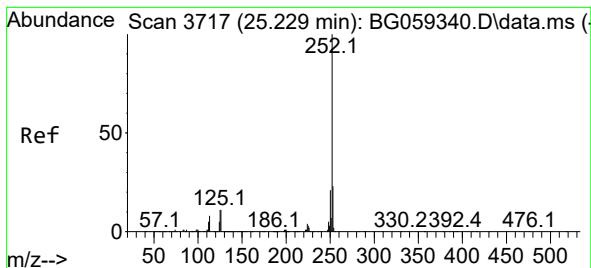
Tgt Ion:252 Resp: 556781
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 10.8 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 22.090 ng/ul
RT: 24.345 min Scan# 3567
Delta R.T. -0.003 min
Lab File: BG059375.D
Acq: 8 Oct 2023 14:32

Tgt Ion:252 Resp: 587049
Ion Ratio Lower Upper
252 100
253 19.7 19.0 28.4
125 9.3 9.0 13.4





#93

Benzo(a)pyrene

Concen: 21.825 ng/ul

RT: 25.232 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

Instrument :

BNA_G

ClientSampleId :

SSTD020591

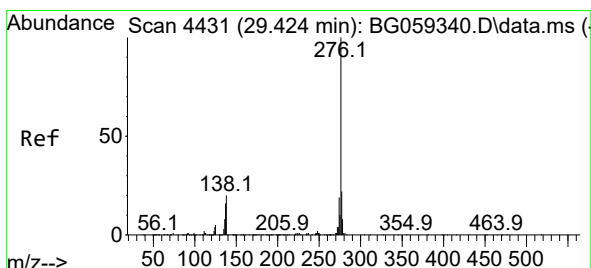
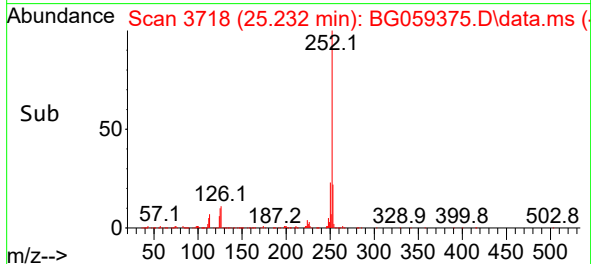
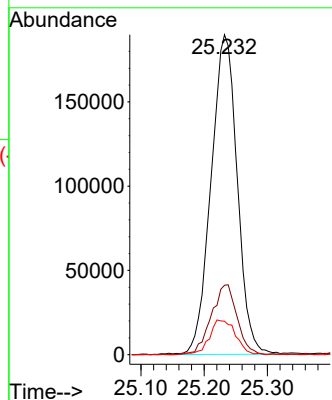
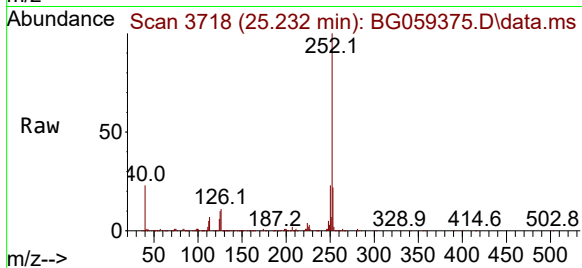
Tgt Ion:252 Resp: 544156

Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

125 10.5 8.7 13.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.944 ng/ul

RT: 29.427 min Scan# 4432

Delta R.T. 0.003 min

Lab File: BG059375.D

Acq: 8 Oct 2023 14:32

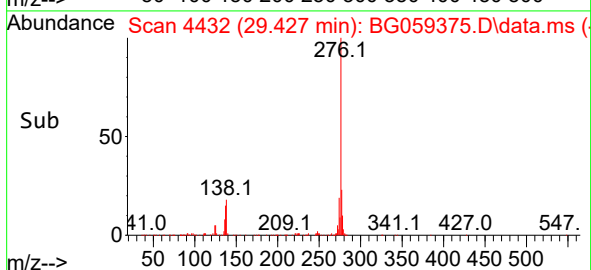
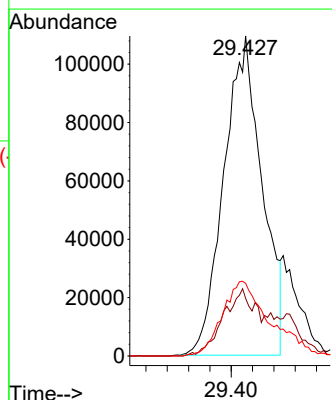
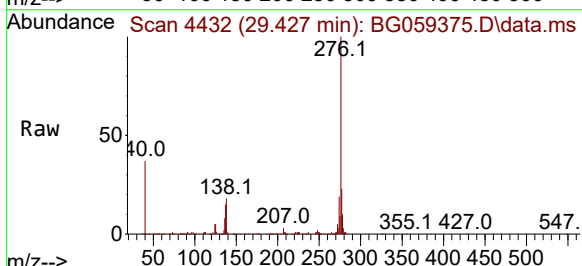
Tgt Ion:276 Resp: 544063

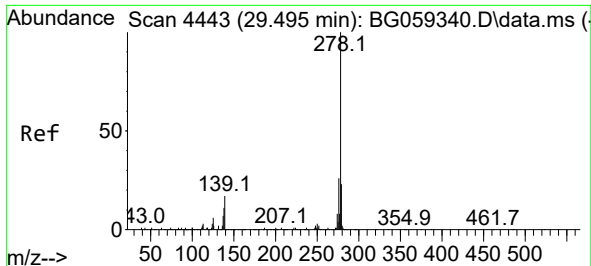
Ion Ratio Lower Upper

276 100

138 18.0 16.2 24.4

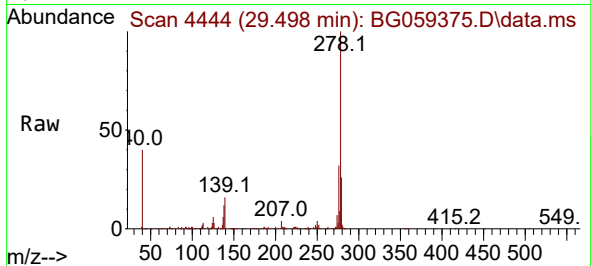
277 22.7 17.1 25.7





#95
 Dibenzo(a,h)anthracene
 Concen: 21.971 ng/ul
 RT: 29.498 min Scan# 44
 Delta R.T. 0.003 min
 Lab File: BG059375.D
 Acq: 8 Oct 2023 14:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020591



Tgt Ion:278 Resp: 513084

Ion	Ratio	Lower	Upper
278	100		
139	15.9	13.7	20.5
279	26.0	18.6	27.8

