

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059189.D
 Acq On : 25 Sep 2023 18:33
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020571

Quant Time: Sep 25 22:39:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 25 22:33:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	42585	20.000	ng/u1	0.01
20) Naphthalene-d8	11.167	136	196397	20.000	ng/u1	# 0.02
38) Acenaphthene-d10	14.945	164	130831	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.694	188	313125	20.000	ng/u1	0.01
79) Chrysene-d12	22.025	240	253492	20.000	ng/u1	0.02
88) Perylene-d12	25.597	264	299633	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.628	96	8823	8.110	ng/uL	0.00
4) Pyridine-d5	4.063	84	66166	20.730	ng/u1	0.00
7) Phenol-d5	7.448	99	90261	21.556	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.641	67	52574	20.460	ng/u1	0.02
11) 2-Chlorophenol-d4	7.841	132	65293	21.130	ng/u1	0.02
15) 4-Methylphenol-d8	9.010	113	66885	20.056	ng/u1	0.01
21) Nitrobenzene-d5	9.522	128	32264	21.289	ng/u1	0.02
24) 2-Nitrophenol-d4	10.238	143	35994	23.511	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.767	165	67589	23.255	ng/u1	0.02
31) 4-Chloroaniline-d4	11.308	131	94429	20.816	ng/u1	0.01
46) Dimethylphthalate-d6	14.339	166	209983	20.869	ng/u1	0.01
49) Acenaphthylene-d8	14.651	160	252321	20.595	ng/u1	0.02
54) 4-Nitrophenol-d4	15.139	143	23343	12.716	ng/u1	0.02
60) Fluorene-d10	15.932	176	197348	21.427	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	16.043	200	24760	13.909	ng/u1	0.01
73) Anthracene-d10	17.794	188	293001	20.565	ng/u1	0.01
81) Pyrene-d10	20.068	212	336843	22.734	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.344	264	301508	20.608	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.675	88	10921	8.877	ng/uL#	92
5) Pyridine	4.087	79	67353	20.709	ng/u1	95
6) Benzaldehyde	7.465	77	52578	24.216	ng/u1	95
8) Phenol	7.471	94	90556	21.041	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.735	93	70975	20.540	ng/u1	93
12) 2-Chlorophenol	7.871	128	67989	21.565	ng/u1	95
13) 2-Methylphenol	8.746	108	64766	20.277	ng/u1	83
14) 2,2'-oxybis(1-Chloropr...	8.822	45	149104	20.783	ng/u1	97
16) Acetophenone	9.163	105	102965	20.055	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.122	70	50802	19.574	ng/u1#	95
18) 4-Methylphenol	9.075	108	72502	21.182	ng/u1	91
19) Hexachloroethane	9.404	117	26498	21.377	ng/u1	93
22) Nitrobenzene	9.563	77	75422	21.977	ng/u1	91
23) Isophorone	10.068	82	156976	21.331	ng/u1	99
25) 2-Nitrophenol	10.268	139	37769	22.076	ng/u1	97
26) 2,4-Dimethylphenol	10.297	107	72025	22.517	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.550	93	97783	21.358	ng/u1	95
29) 2,4-Dichlorophenol	10.797	162	67453	22.958	ng/u1#	95
30) Naphthalene	11.214	128	227497	21.647	ng/u1	98
32) 4-Chloroaniline	11.337	127	91299	20.445	ng/u1	95
33) Hexachlorobutadiene	11.443	225	41116	21.742	ng/u1#	84
34) Caprolactam	12.119	113	24618	22.880	ng/u1	83
35) 4-Chloro-3-methylphenol	12.406	107	73362	23.705	ng/u1	94
36) 2-Methylnaphthalene	12.794	142	149490	21.298	ng/u1	99

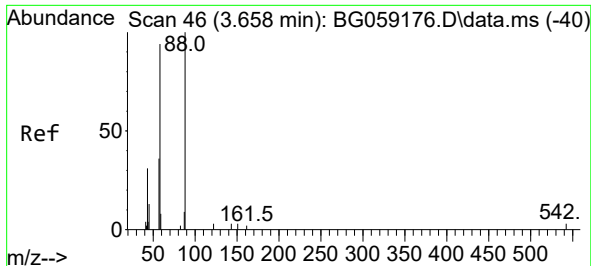
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.012	142	156700	22.101	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.135	216	79815	20.809	ng/ul	93
40) Hexachlorocyclopentadiene	13.088	237	39877	16.308	ng/ul	96
41) 2,4,6-Trichlorophenol	13.382	196	55936	22.333	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.458	196	61281	22.619	ng/ul	97
43) 1,1'-Biphenyl	13.781	154	212945	20.391	ng/ul	95
44) 2-Chloronaphthalene	13.840	162	162343	20.360	ng/ul	98
45) 2-Nitroaniline	14.057	65	51313	20.302	ng/ul	98
47) Dimethylphthalate	14.386	163	212419	20.669	ng/ul	99
48) 2,6-Dinitrotoluene	14.533	165	44622	23.496	ng/ul	93
50) Acenaphthylene	14.680	152	272219	20.802	ng/ul	97
51) 3-Nitroaniline	14.874	138	38330	18.292	ng/ul	91
52) Acenaphthene	15.009	153	185352	20.887	ng/ul	97
55) 4-Nitrophenol	15.150	109	15987	13.177	ng/ul	94
56) Dibenzofuran	15.344	168	244744	20.793	ng/ul	96
57) 2,4-Dinitrotoluene	15.309	165	61157	22.337	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.556	232	56116	22.377	ng/ul#	97
59) Diethylphthalate	15.732	149	213167	21.050	ng/ul	98
61) Fluorene	15.990	166	211178	21.012	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.973	204	106573	21.365	ng/ul	92
63) 4-Nitroaniline	16.026	138	23376	12.035	ng/ul	94
66) 4,6-Dinitro-2-methylph...	16.055	198	26622	13.875	ng/ul	99
67) N-Nitrosodiphenylamine	16.190	169	170304	20.428	ng/ul	97
68) 4-Bromophenyl-phenylether	16.872	248	65273	21.426	ng/ul	99
69) Hexachlorobenzene	16.960	284	74798	21.435	ng/ul	96
70) Atrazine	17.124	200	72965	21.997	ng/ul	96
71) Pentachlorophenol	17.318	266	27044	11.931	ng/ul	96
72) Phenanthrene	17.741	178	367389	20.966	ng/ul	99
74) Anthracene	17.829	178	373049	20.835	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.746	216	87259	20.903	ng/uL	95
76) Pentachlorobenzene	15.238	250	82091	21.260	ng/uL	93
77) Carbazole	18.111	167	276058	18.545	ng/ul	98
78) Di-n-butylphthalate	18.611	149	388276	21.173	ng/ul	98
80) Fluoranthene	19.733	202	411132	22.267	ng/ul	98
82) Pyrene	20.097	202	431278	22.393	ng/ul	99
83) Butylbenzylphthalate	20.955	149	168558	24.230	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.919	252	109252	17.835	ng/ul	92
85) Benzo(a)anthracene	22.001	228	386181	20.983	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.825	149	253852	24.389	ng/ul#	97
87) Chrysene	22.072	228	374807	21.838	ng/ul	99
89) Di-n-octyl phthalate	23.159	149	431870	23.575	ng/ul	100
90) Benzo(b)fluoranthene	24.434	252	401876	22.011	ng/ul	99
91) Benzo(k)fluoranthene	24.510	252	383010	20.233	ng/ul	94
93) Benzo(a)pyrene	25.421	252	362984	20.686	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.727	276	313047	15.686	ng/ul	96
95) Dibenzo(a,h)anthracene	29.810	278	123329	7.690	ng/ul	95
96) Benzo(g,h,i)perylene	31.049	276	308126	19.167	ng/ul	95

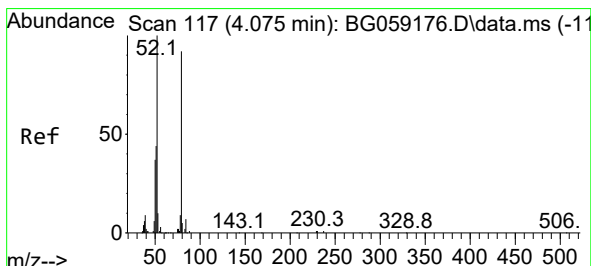
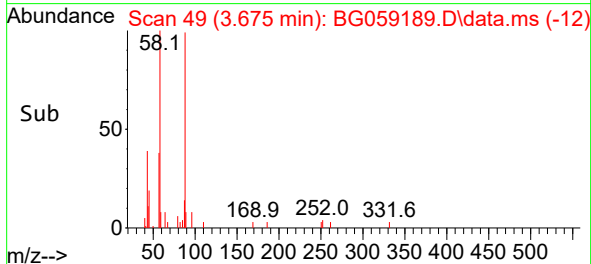
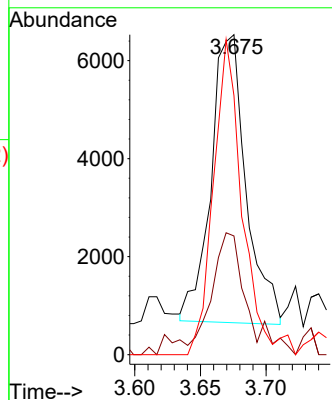
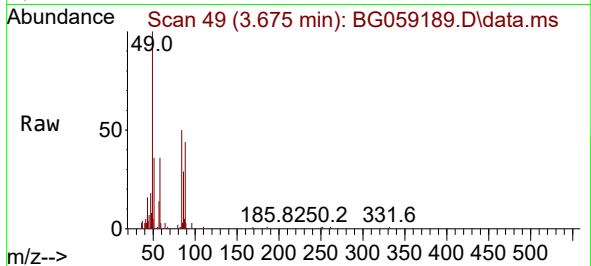
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#2
1,4-Dioxane
Concen: 8.877 ng/uL
RT: 3.675 min Scan# 49
Delta R.T. 0.017 min
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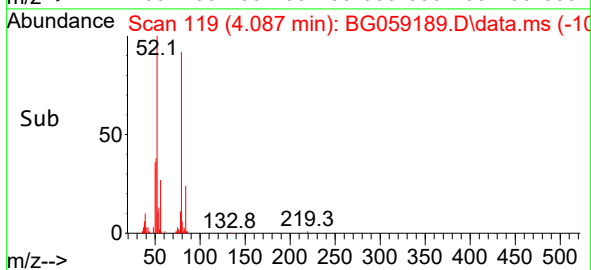
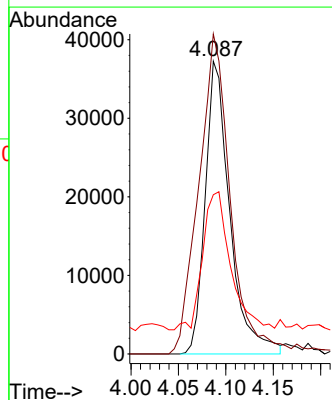
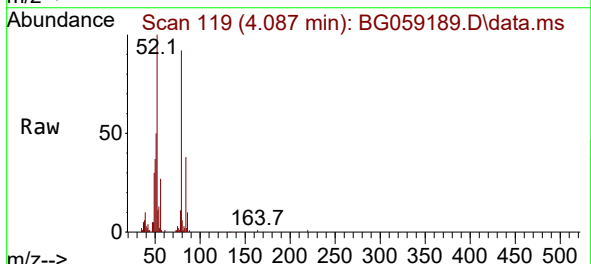
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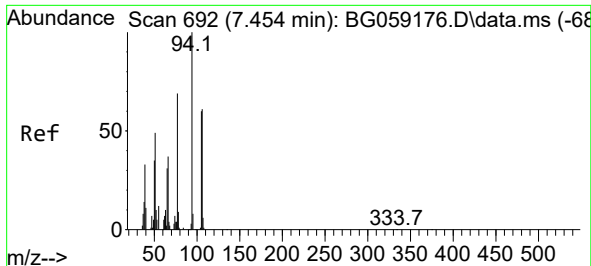
Tgt Ion: 88 Resp: 10921
Ion Ratio Lower Upper
88 100
43 37.1 24.5 36.7#
58 80.9 60.6 91.0



#5
Pyridine
Concen: 20.709 ng/uL
RT: 4.087 min Scan# 119
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 79 Resp: 67353
Ion Ratio Lower Upper
79 100
52 109.3 90.6 135.8
51 54.4 39.6 59.4

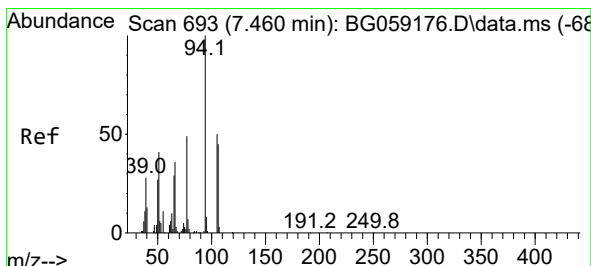
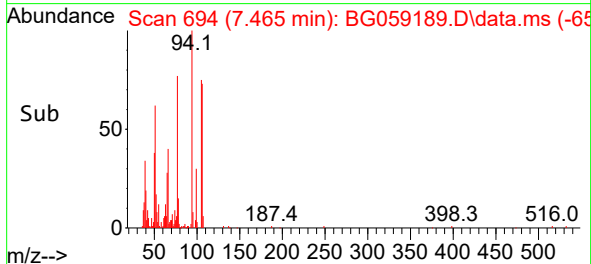
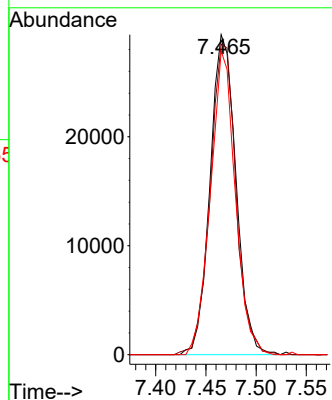
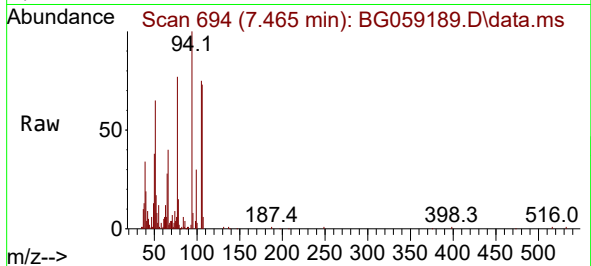




#6
Benzaldehyde
Concen: 24.216 ng/ul
RT: 7.465 min Scan# 694
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

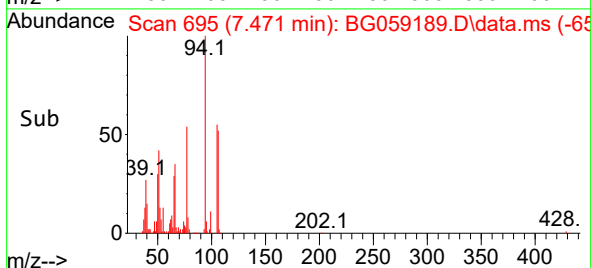
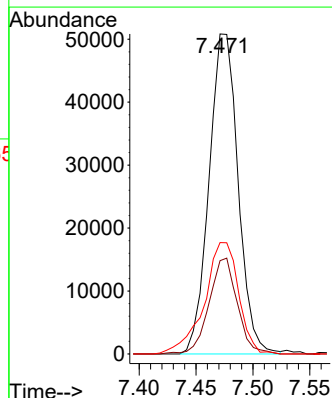
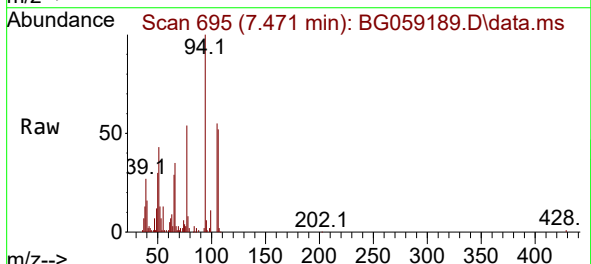
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ClientSampleId :
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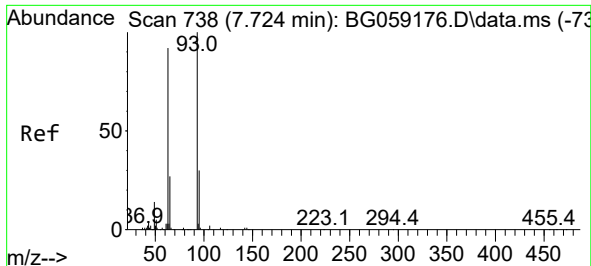
Tgt Ion: 77 Resp: 52578
Ion Ratio Lower Upper
77 100
105 97.0 76.9 115.3
106 94.9 69.4 104.0



#8
Phenol
Concen: 21.041 ng/ul
RT: 7.471 min Scan# 695
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 94 Resp: 90556
Ion Ratio Lower Upper
94 100
65 29.2 24.4 36.6
66 34.8 28.4 42.6

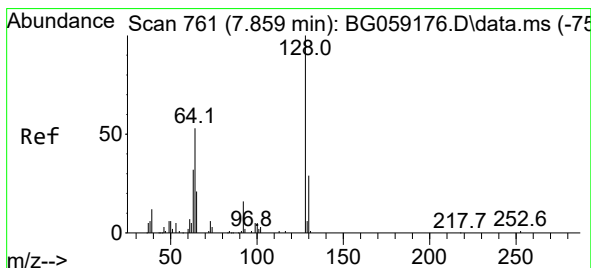
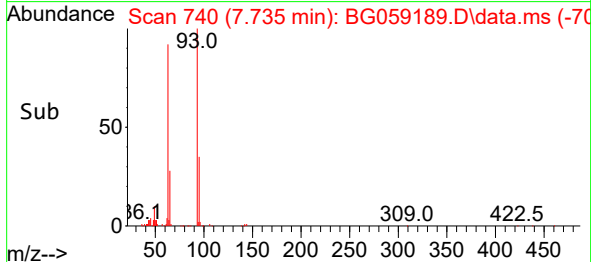
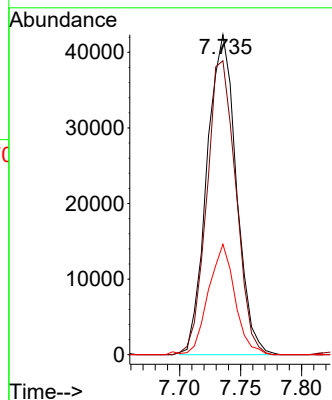
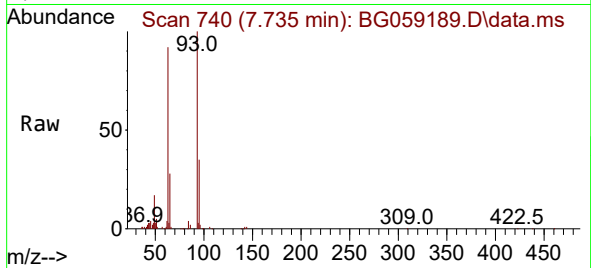




#10
Bis(2-Chloroethyl)ether
Concen: 20.540 ng/ul
RT: 7.735 min Scan# 740
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

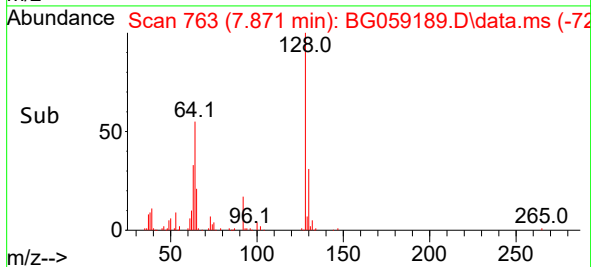
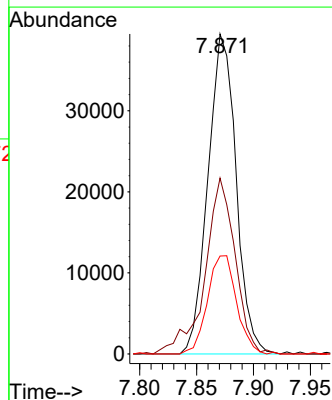
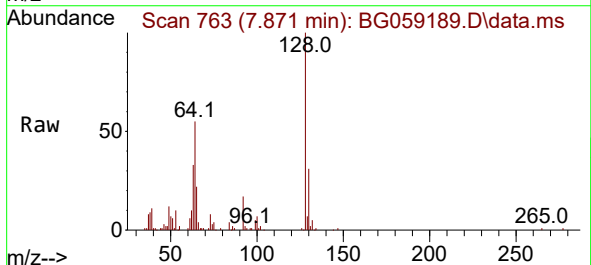
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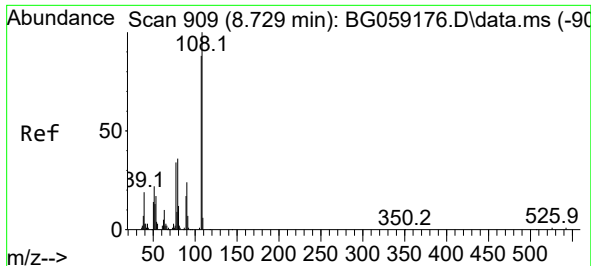
Tgt Ion: 93 Resp: 70975
Ion Ratio Lower Upper
93 100
63 91.8 68.3 102.5
95 34.5 23.8 35.8



#12
2-Chlorophenol
Concen: 21.565 ng/ul
RT: 7.871 min Scan# 763
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:128 Resp: 67989
Ion Ratio Lower Upper
128 100
64 54.9 40.3 60.5
130 30.6 24.0 36.0

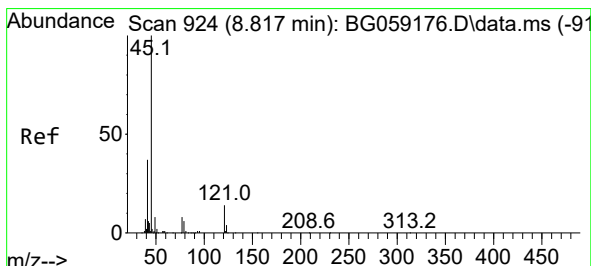
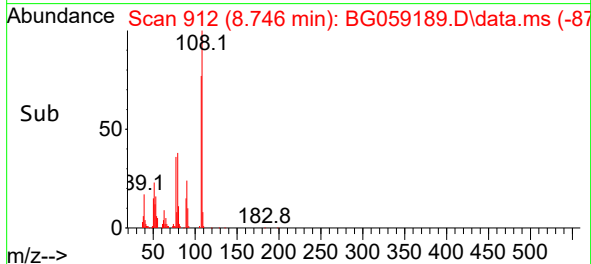
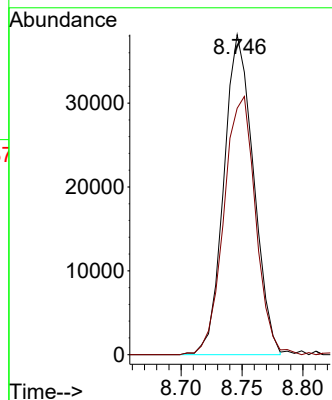
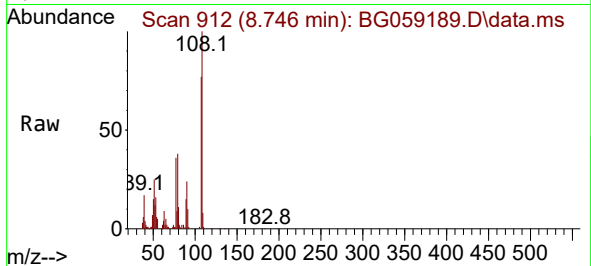




#13
2-Methylphenol
Concen: 20.277 ng/ul
RT: 8.746 min Scan# 912
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

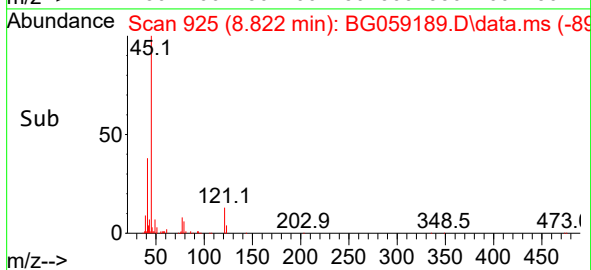
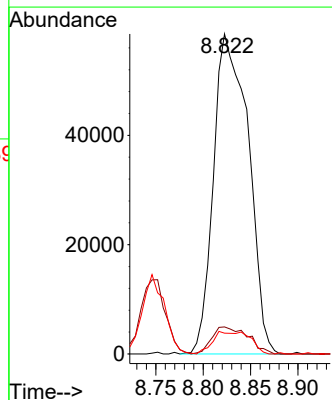
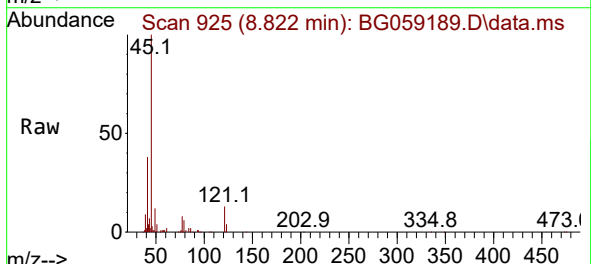
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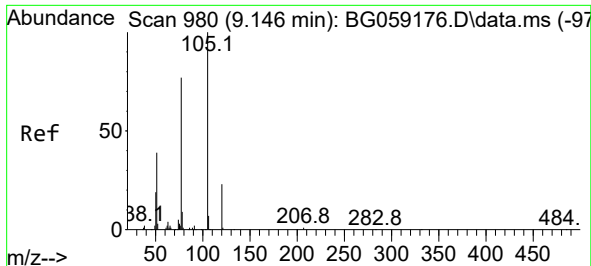
Tgt Ion: 108 Resp: 64766
Ion Ratio Lower Upper
108 100
107 77.0 75.1 112.7



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.783 ng/ul
RT: 8.822 min Scan# 925
Delta R.T. 0.006 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 45 Resp: 149104
Ion Ratio Lower Upper
45 100
77 8.5 7.8 11.6
79 6.5 5.6 8.4

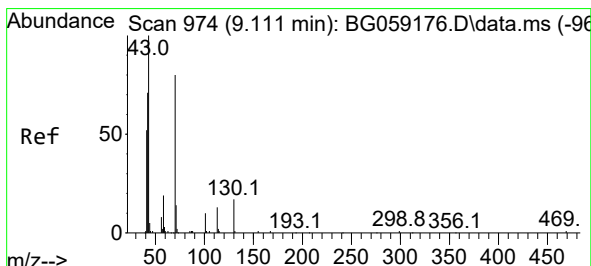
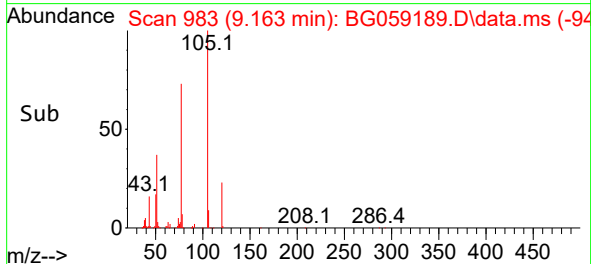
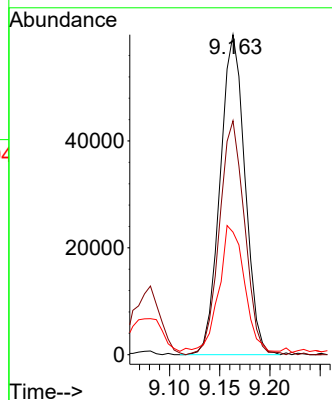
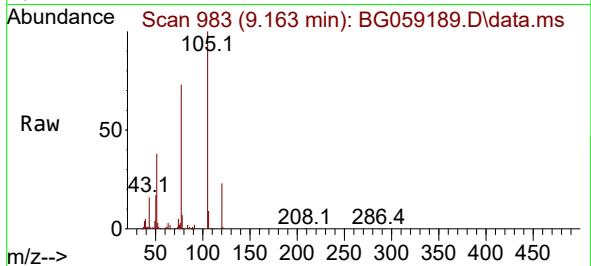




#16
Acetophenone
Concen: 20.055 ng/ul
RT: 9.163 min Scan# 91
Delta R.T. 0.017 min
Lab File: BG059189.D
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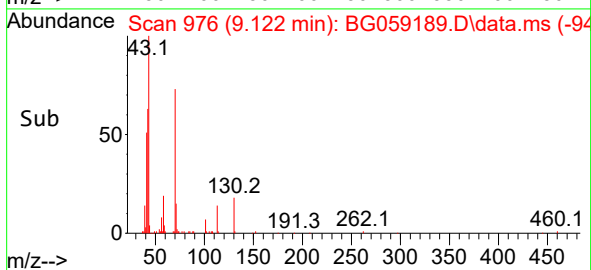
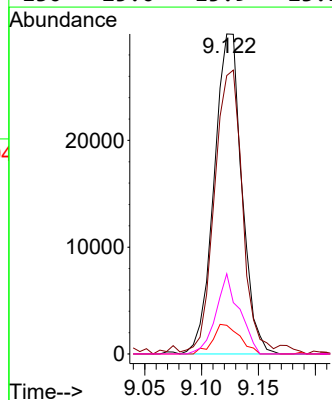
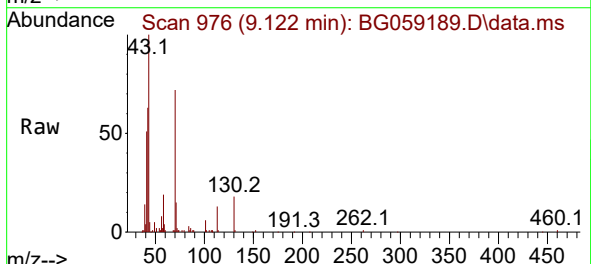
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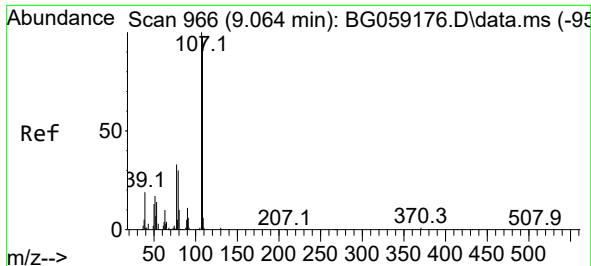
Tgt Ion:105 Resp: 102965
Ion Ratio Lower Upper
105 100
77 73.1 57.2 85.8
51 38.3 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 19.574 ng/ul
RT: 9.122 min Scan# 976
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 70 Resp: 50802
Ion Ratio Lower Upper
70 100
42 87.0 67.1 100.7
101 9.0 7.6 11.4
130 25.0 15.9 23.9#

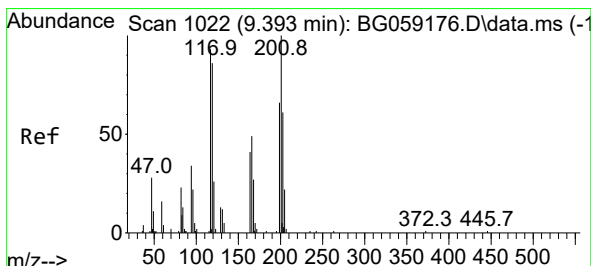
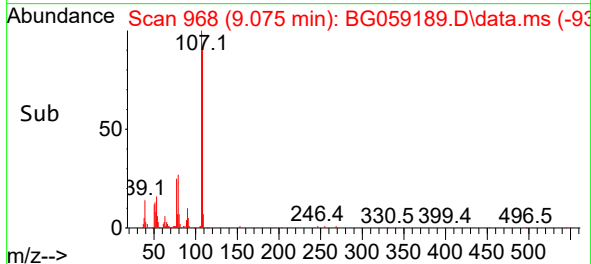
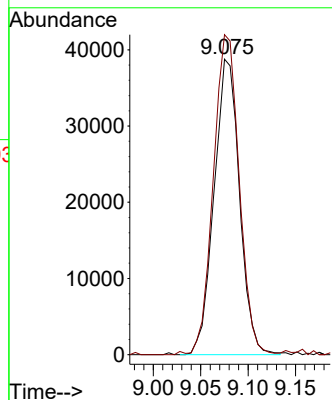
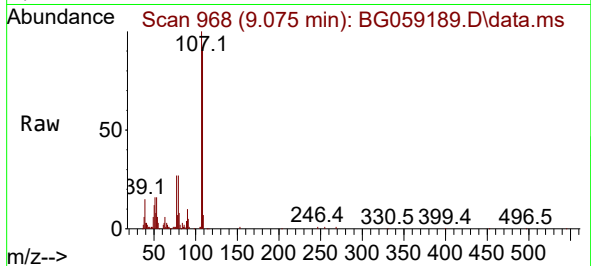




#18
4-Methylphenol
Concen: 21.182 ng/ul
RT: 9.075 min Scan# 90
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

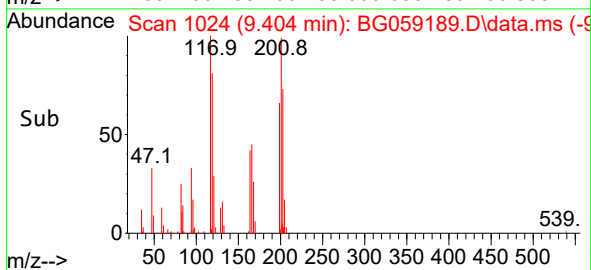
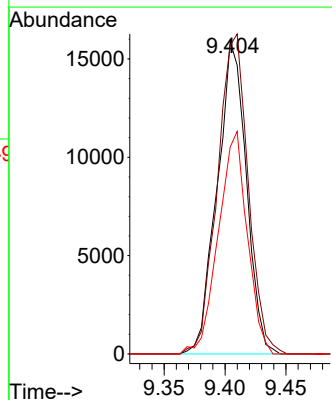
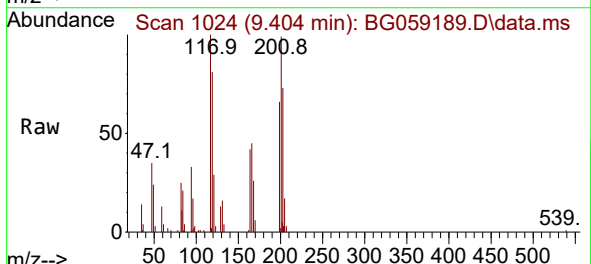
Instrument :
BNA_G
ClientSampleId :
SSTD020571

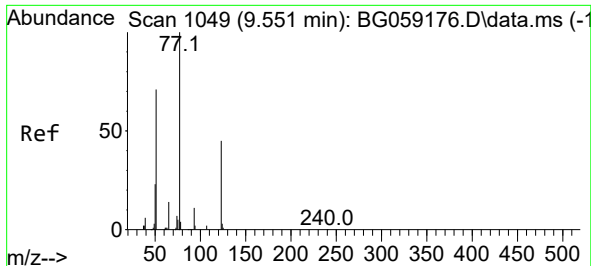
Tgt Ion:108 Resp: 72502
Ion Ratio Lower Upper
108 100
107 108.3 94.4 141.6



#19
Hexachloroethane
Concen: 21.377 ng/ul
RT: 9.404 min Scan# 1024
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:117 Resp: 26498
Ion Ratio Lower Upper
117 100
201 98.6 86.4 129.6
199 66.1 56.2 84.2

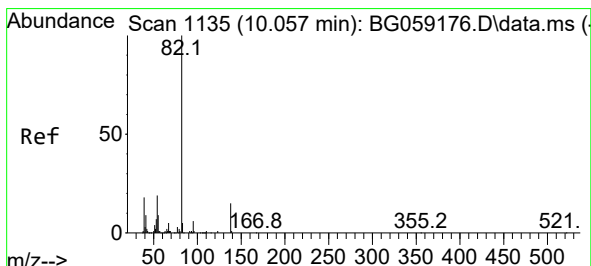
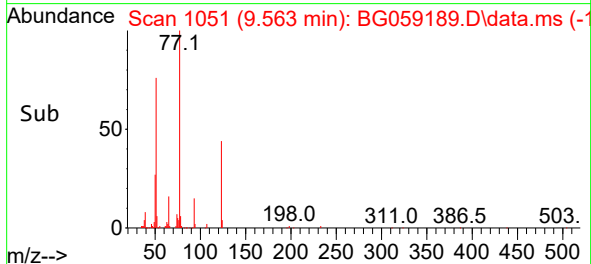
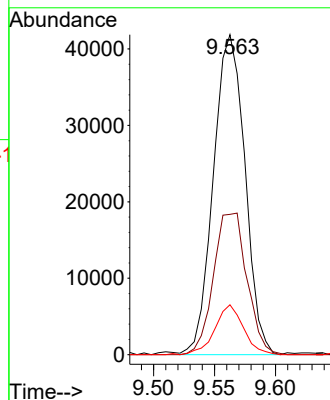
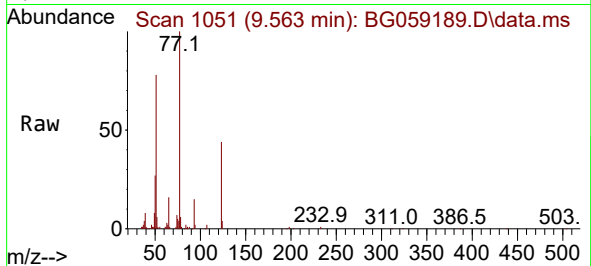




#22
Nitrobenzene
Concen: 21.977 ng/ul
RT: 9.563 min Scan# 1049
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

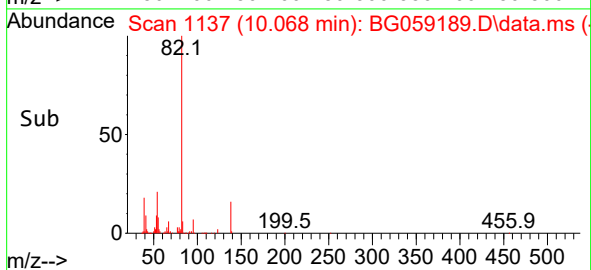
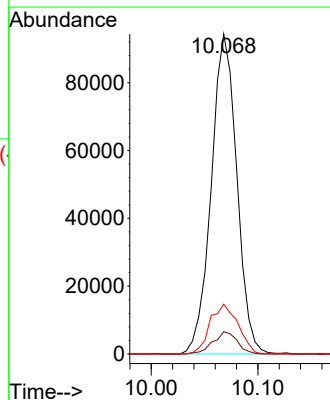
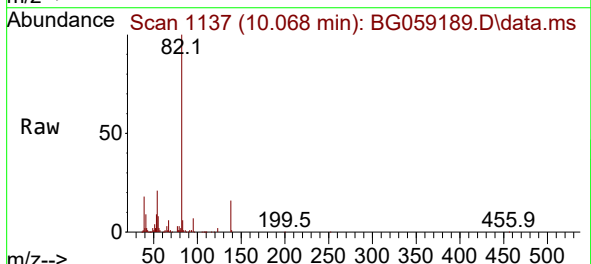
Instrument :
BNA_G
ClientSampleId :
SSTD020571

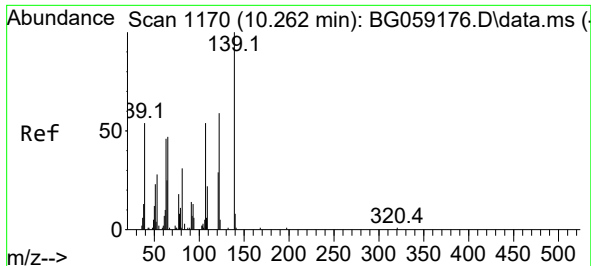
Tgt Ion: 77 Resp: 75422
Ion Ratio Lower Upper
77 100
123 43.8 41.8 62.8
65 15.6 12.3 18.5



#23
Isophorone
Concen: 21.331 ng/ul
RT: 10.068 min Scan# 1137
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 82 Resp: 156976
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 15.6 12.7 19.1

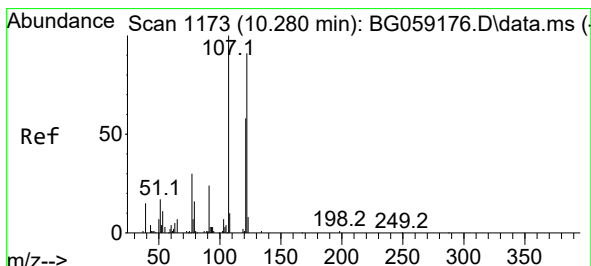
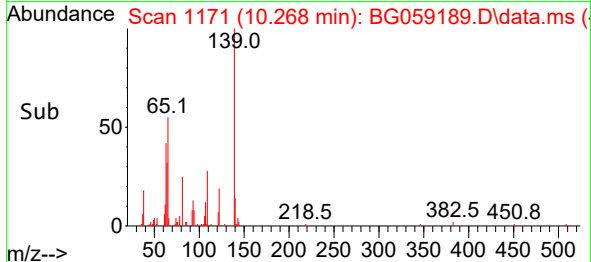
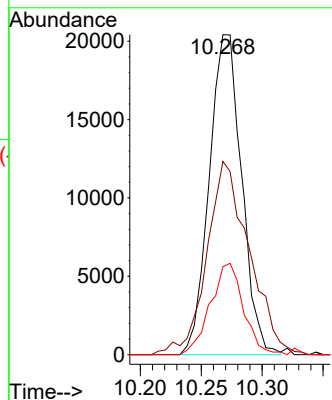
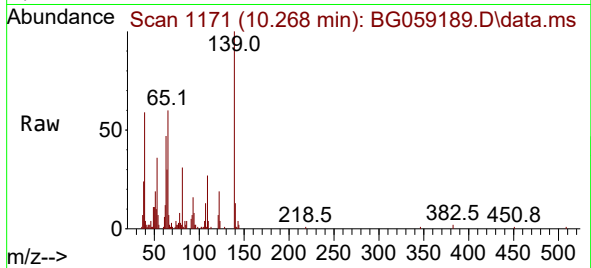




#25
2-Nitrophenol
Concen: 22.076 ng/ul
RT: 10.268 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

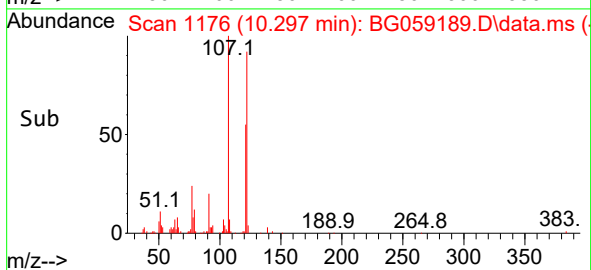
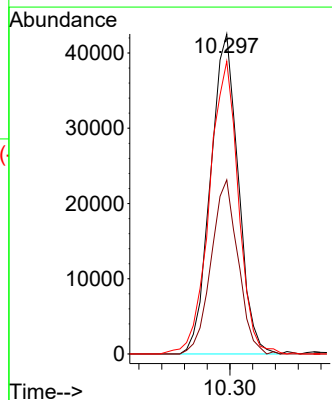
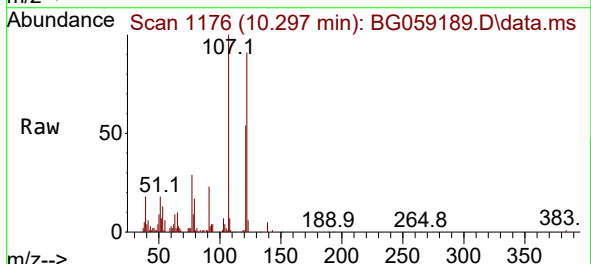
Instrument :
BNA_G
ClientSampleId :
SSTD020571

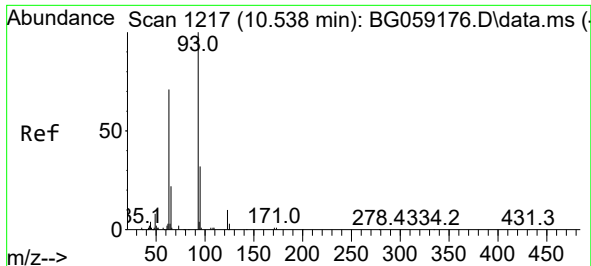
Tgt Ion:139 Resp: 37769
Ion Ratio Lower Upper
139 100
65 60.4 46.4 69.6
109 27.5 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 22.517 ng/ul
RT: 10.297 min Scan# 1176
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:107 Resp: 72025
Ion Ratio Lower Upper
107 100
121 54.4 41.4 62.0
122 91.5 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 21.358 ng/ul

RT: 10.550 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

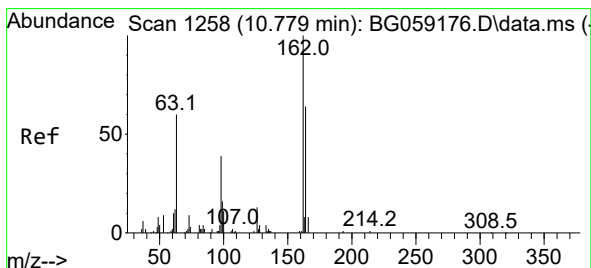
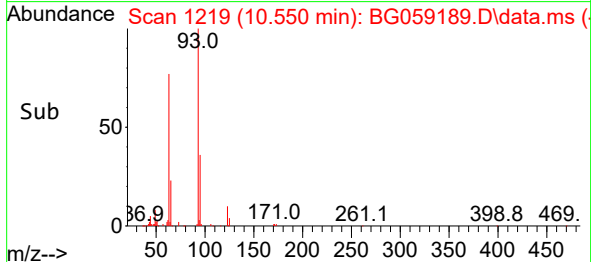
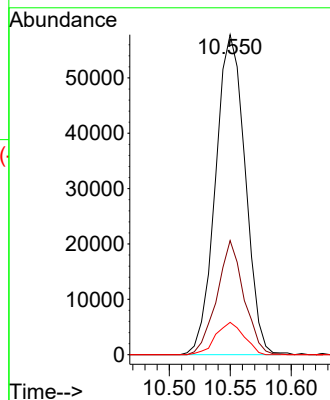
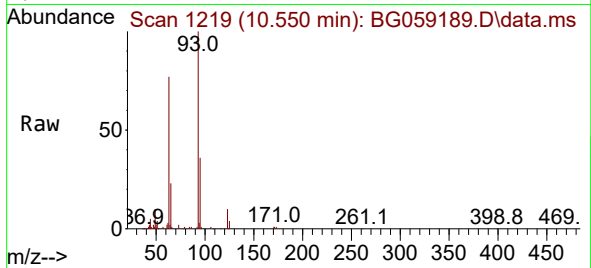
Tgt Ion: 93 Resp: 97783

Ion Ratio Lower Upper

93 100

95 35.7 26.1 39.1

123 10.1 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 22.958 ng/ul

RT: 10.797 min Scan# 1261

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

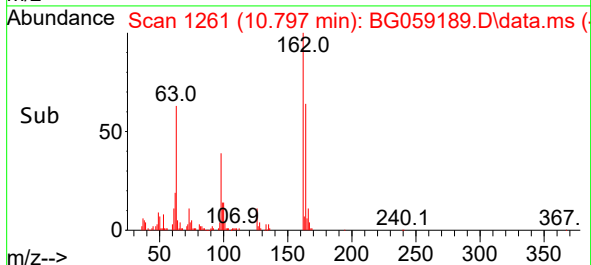
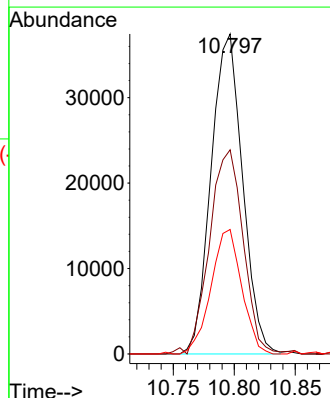
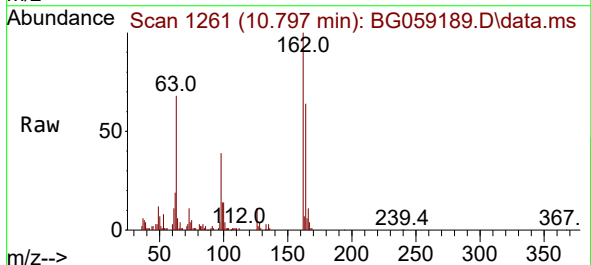
Tgt Ion:162 Resp: 67453

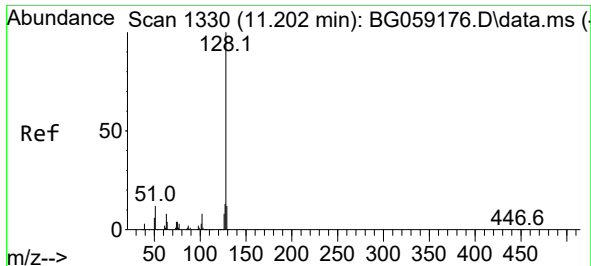
Ion Ratio Lower Upper

162 100

164 63.8 49.8 74.8

98 38.9 25.9 38.9#

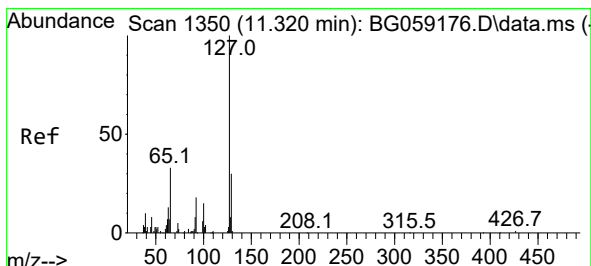
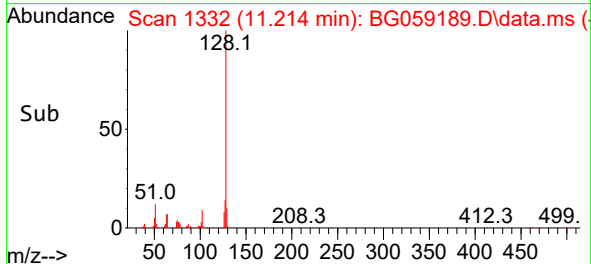
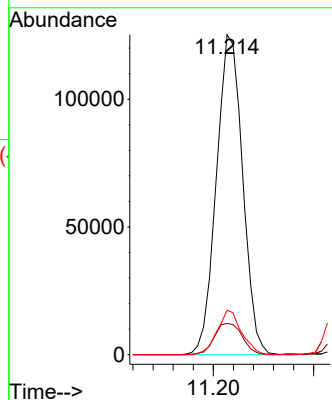
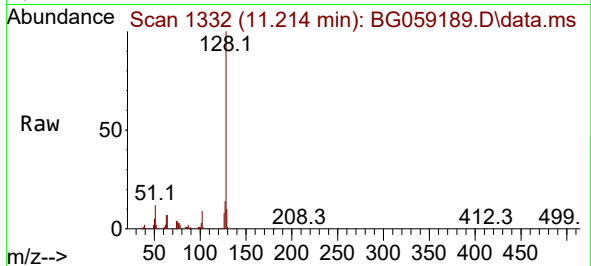




#30
Naphthalene
Concen: 21.647 ng/ul
RT: 11.214 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

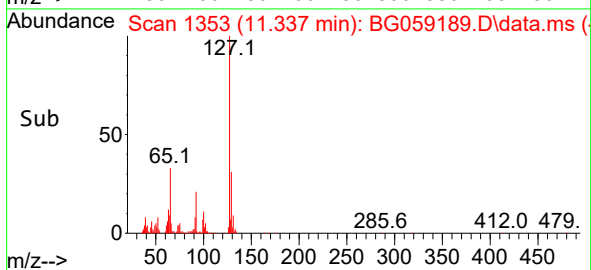
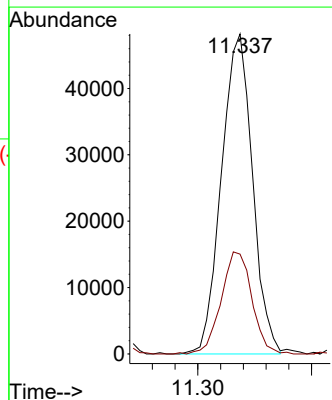
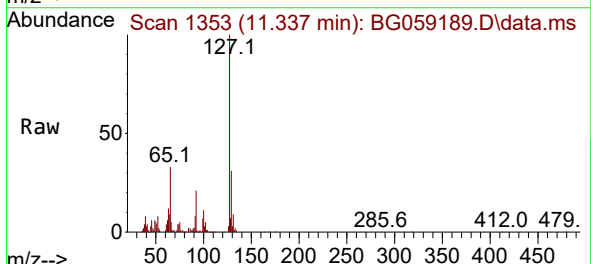
Instrument :
BNA_G
ClientSampleId :
SSTD020571

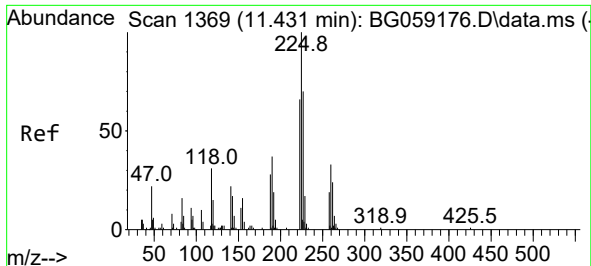
Tgt Ion:128 Resp: 227497
Ion Ratio Lower Upper
128 100
129 9.8 8.4 12.6
127 13.9 10.2 15.4



#32
4-Chloroaniline
Concen: 20.445 ng/ul
RT: 11.337 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:127 Resp: 91299
Ion Ratio Lower Upper
127 100
129 31.2 27.2 40.8

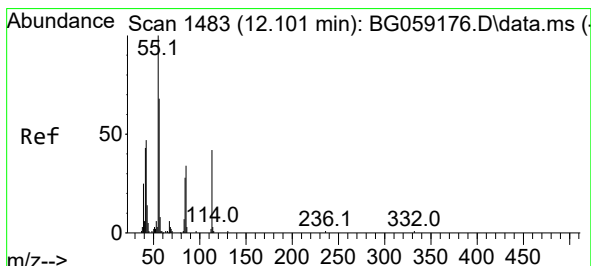
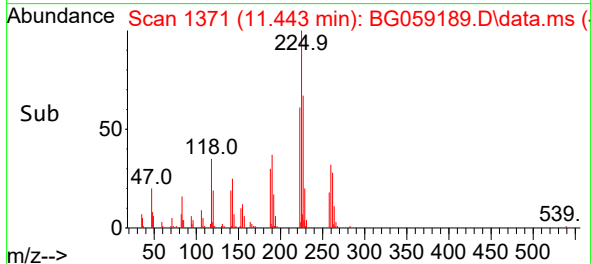
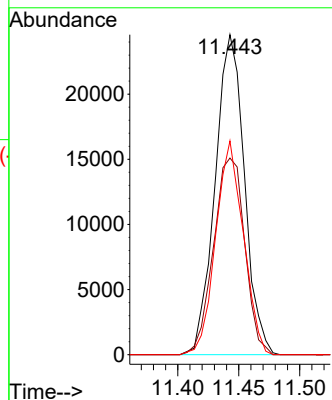
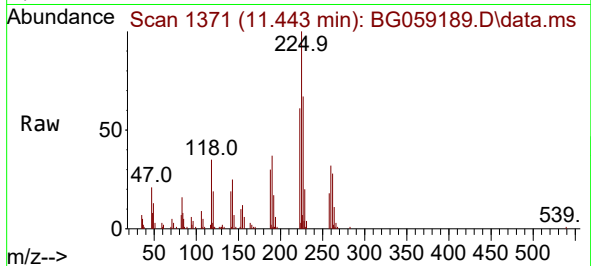




#33
Hexachlorobutadiene
Concen: 21.742 ng/ul
RT: 11.443 min Scan# 11
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

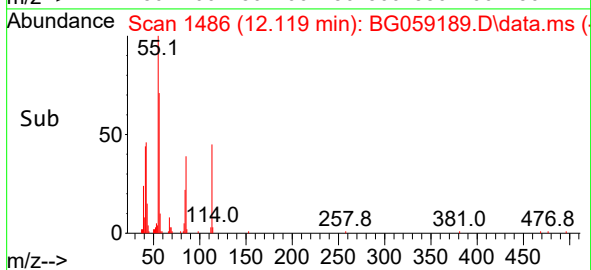
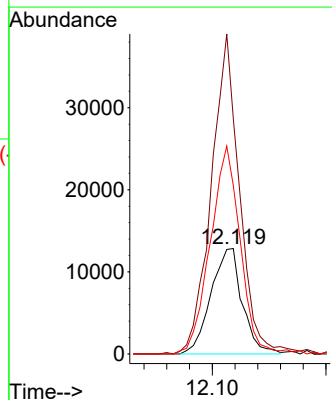
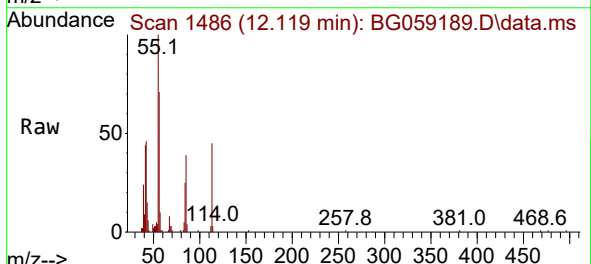
Instrument :
BNA_G
ClientSampleId :
SSTD020571

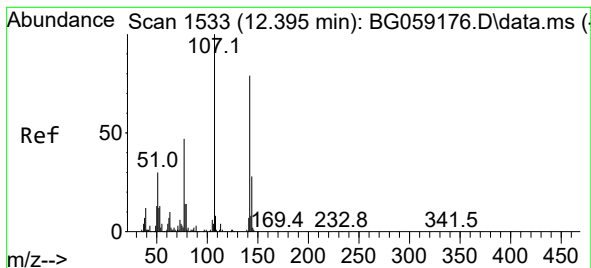
Tgt Ion:225 Resp: 41116
Ion Ratio Lower Upper
225 100
223 61.5 39.0 58.4#
227 66.8 45.7 68.5



#34
Caprolactam
Concen: 22.880 ng/ul
RT: 12.119 min Scan# 1486
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:113 Resp: 24618
Ion Ratio Lower Upper
113 100
55 223.4 157.6 236.4
56 159.7 112.3 168.5

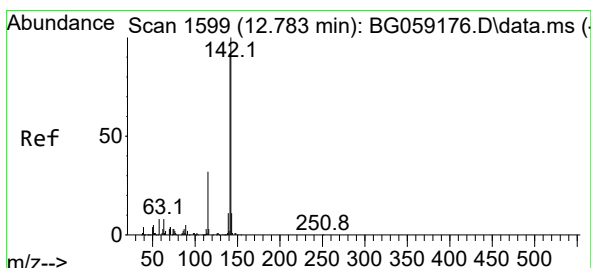
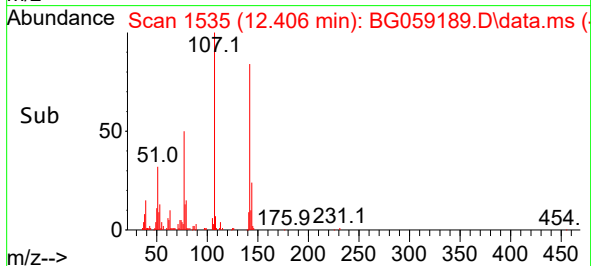
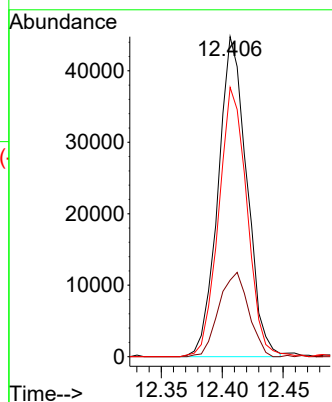
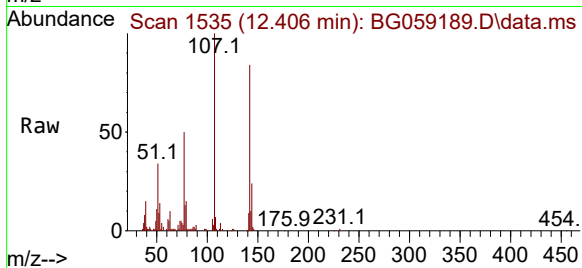




#35
4-Chloro-3-methylphenol
Concen: 23.705 ng/ul
RT: 12.406 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

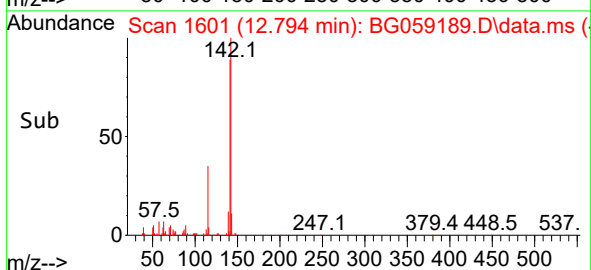
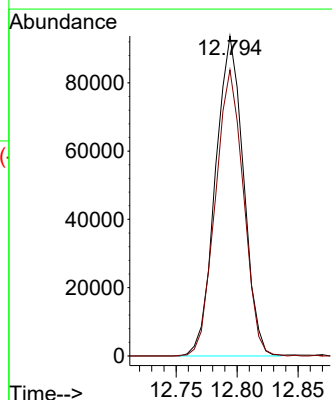
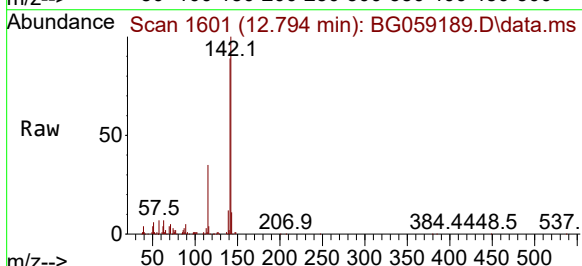
Instrument :
BNA_G
ClientSampleId :
SSTD020571

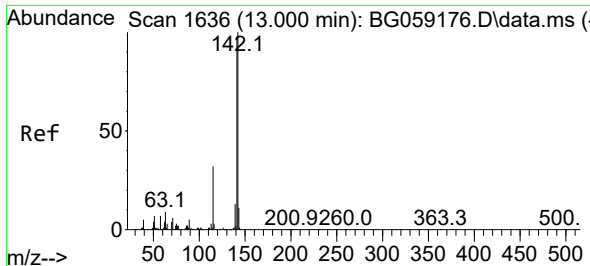
Tgt Ion:107 Resp: 73362
Ion Ratio Lower Upper
107 100
144 23.9 20.1 30.1
142 84.1 62.7 94.1



#36
2-Methylnaphthalene
Concen: 21.298 ng/ul
RT: 12.794 min Scan# 1601
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:142 Resp: 149490
Ion Ratio Lower Upper
142 100
141 89.4 70.6 106.0

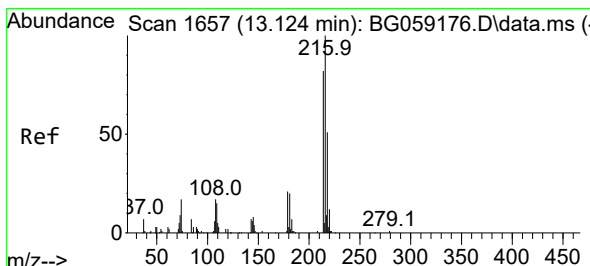
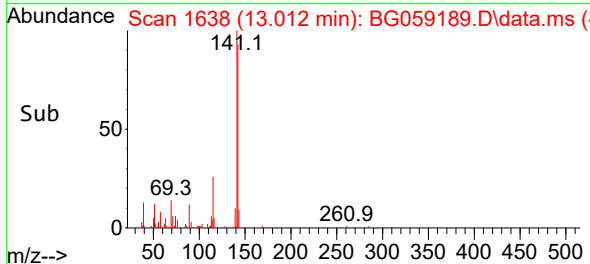
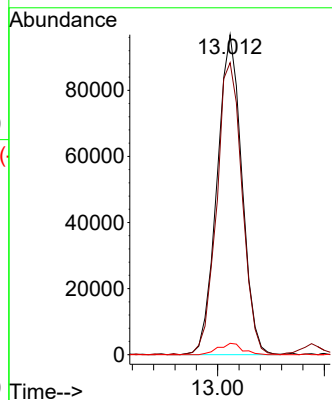
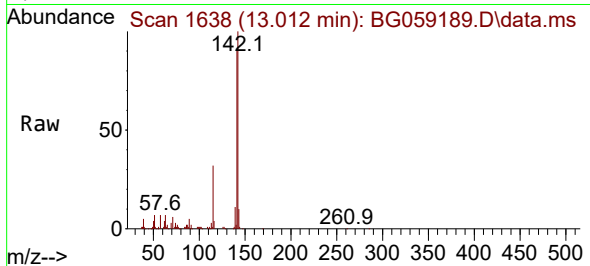




#37
1-Methylnaphthalene
Concen: 22.101 ng/ul
RT: 13.012 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

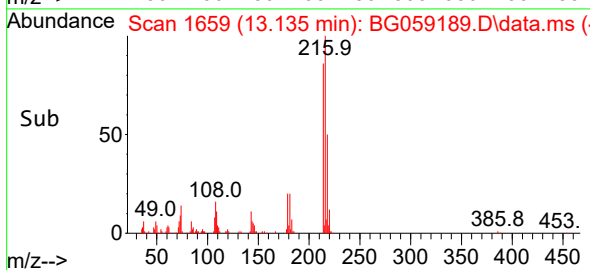
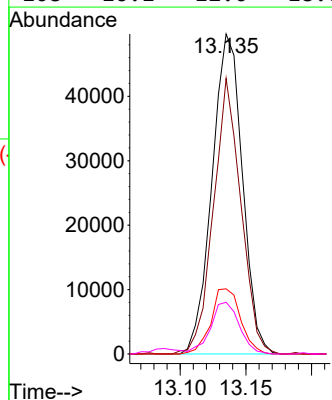
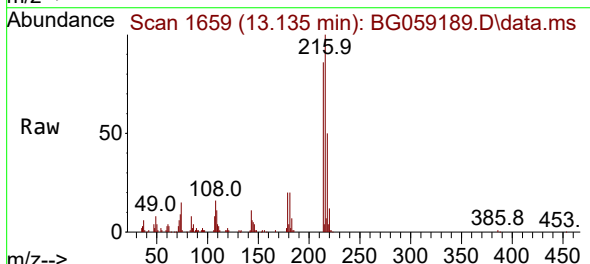
Instrument :
BNA_G
ClientSampleId :
SSTD020571

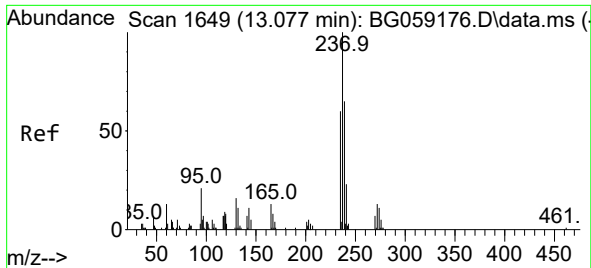
Tgt Ion:142 Resp: 156700
Ion Ratio Lower Upper
142 100
141 91.3 72.0 108.0
116 3.6 2.7 4.1



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.809 ng/ul
RT: 13.135 min Scan# 1659
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:216 Resp: 79815
Ion Ratio Lower Upper
216 100
214 86.1 62.6 94.0
179 20.3 16.0 24.0
108 16.1 12.0 18.0

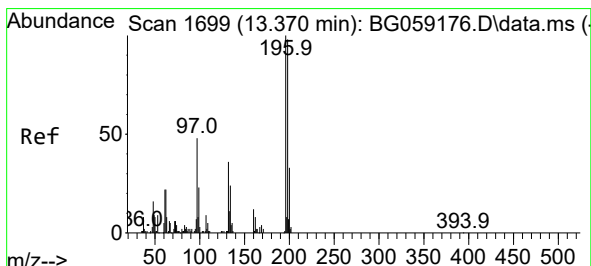
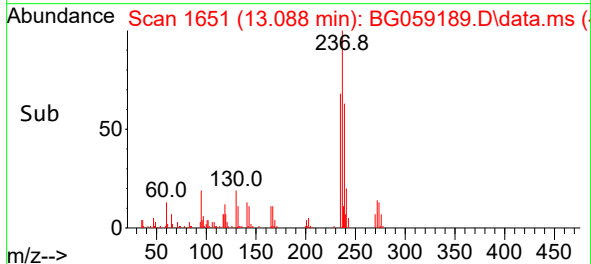
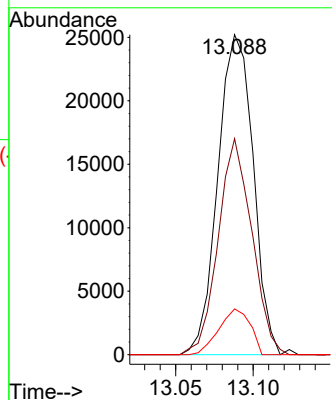
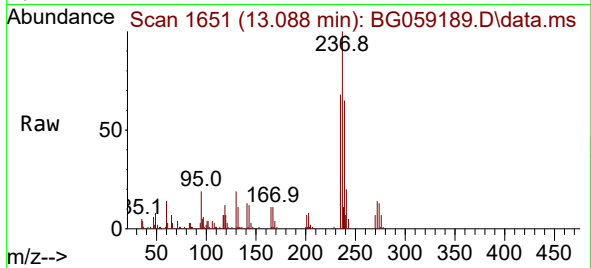




#40
Hexachlorocyclopentadiene
Concen: 16.308 ng/ul
RT: 13.088 min Scan# 1
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

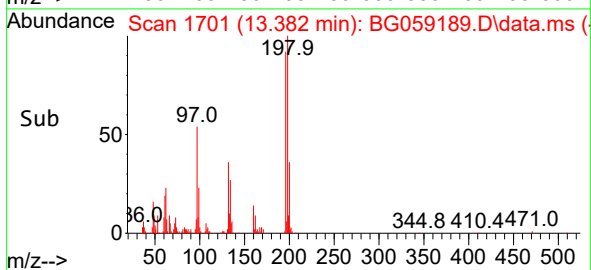
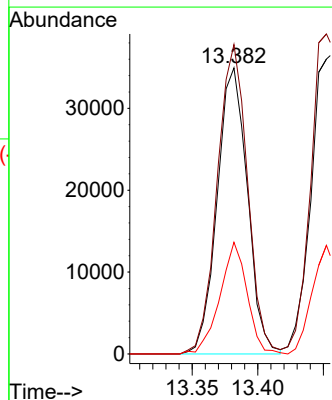
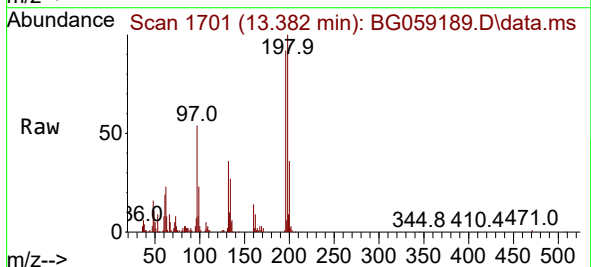
Instrument :
BNA_G
ClientSampleId :
SSTD020571

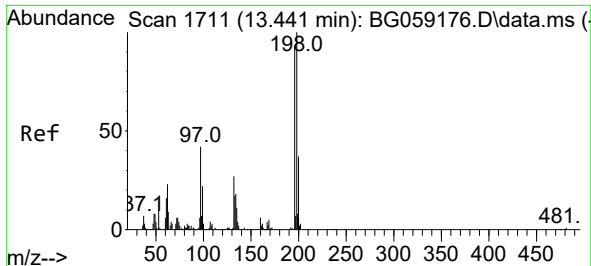
Tgt Ion:237 Resp: 39877
Ion Ratio Lower Upper
237 100
235 67.5 51.6 77.4
272 14.3 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 22.333 ng/ul
RT: 13.382 min Scan# 1701
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:196 Resp: 55936
Ion Ratio Lower Upper
196 100
198 108.2 78.5 117.7
200 39.0 24.4 36.6#

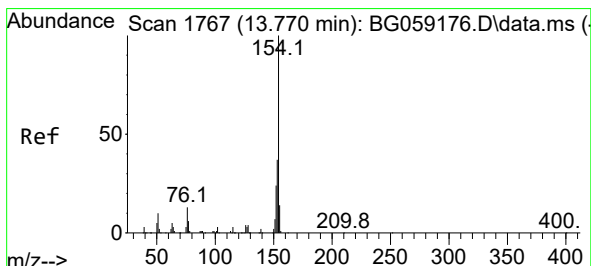
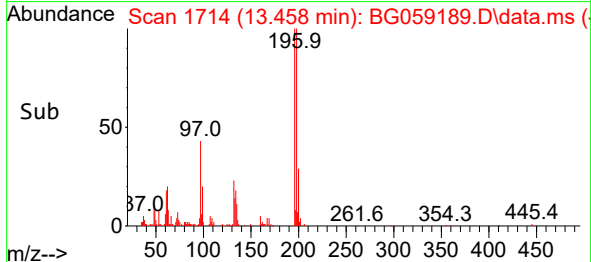
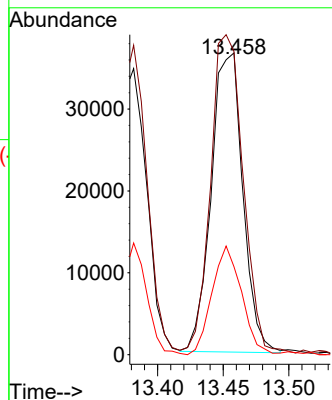
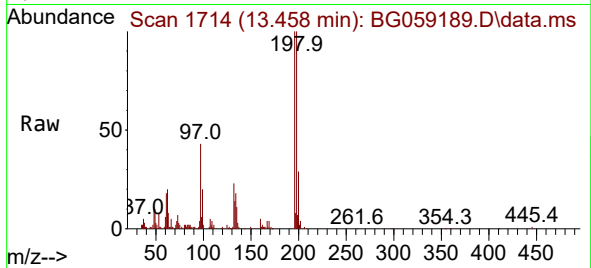




#42
2,4,5-Trichlorophenol
Concen: 22.619 ng/ul
RT: 13.458 min Scan# 1714
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

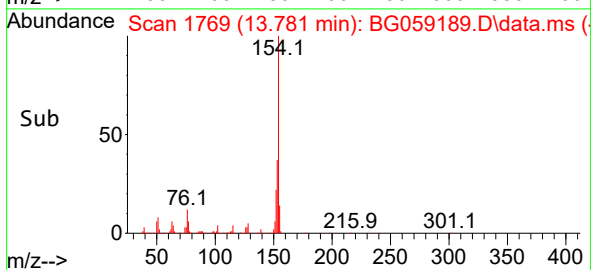
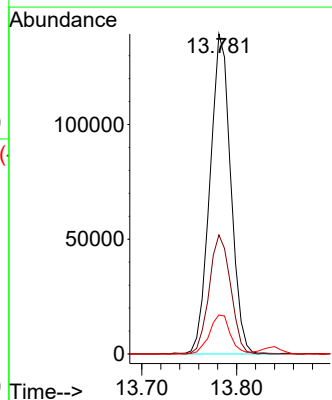
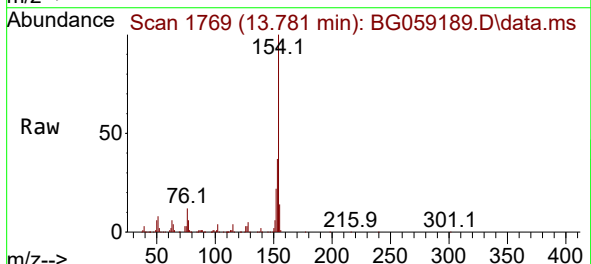
Instrument :
BNA_G
ClientSampleId :
SSTD020571

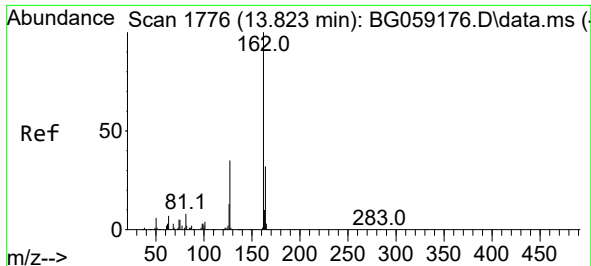
Tgt Ion:196 Resp: 61281
Ion Ratio Lower Upper
196 100
198 100.5 81.0 121.6
200 29.2 27.1 40.7



#43
1,1'-Biphenyl
Concen: 20.391 ng/ul
RT: 13.781 min Scan# 1769
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:154 Resp: 212945
Ion Ratio Lower Upper
154 100
153 37.2 33.2 49.8
76 12.2 9.8 14.8

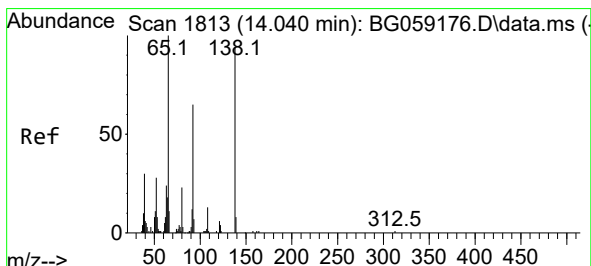
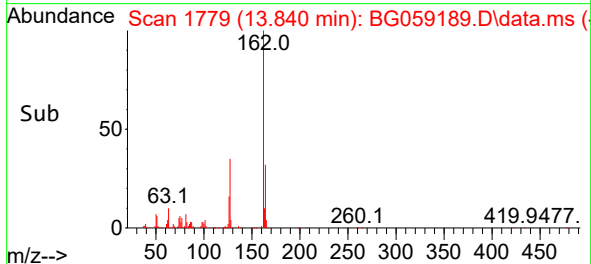
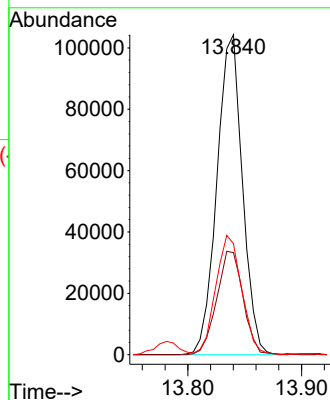
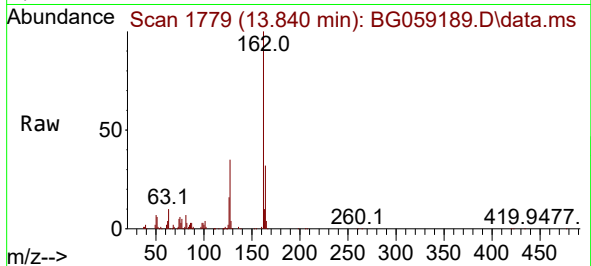




#44
2-Chloronaphthalene
Concen: 20.360 ng/ul
RT: 13.840 min Scan# 11
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

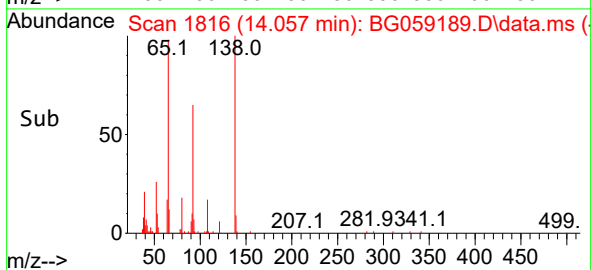
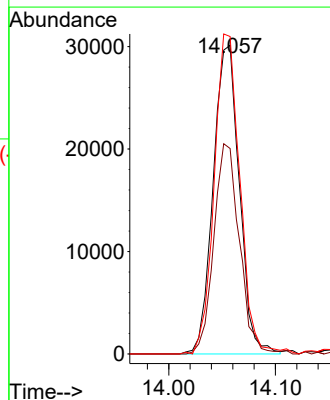
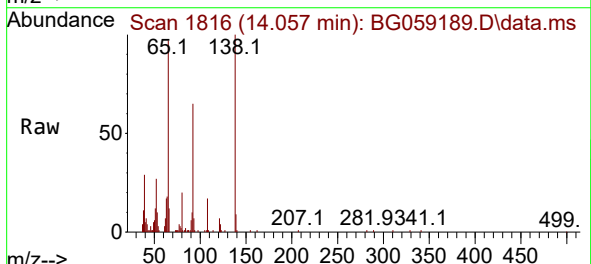
Instrument :
BNA_G
ClientSampleId :
SSTD020571

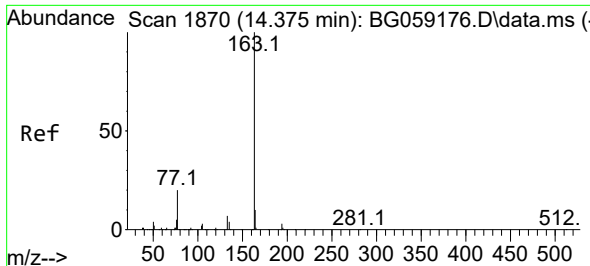
Tgt Ion:162 Resp: 162343
Ion Ratio Lower Upper
162 100
164 31.9 27.2 40.8
127 34.7 27.4 41.2



#45
2-Nitroaniline
Concen: 20.302 ng/ul
RT: 14.057 min Scan# 1816
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion: 65 Resp: 51313
Ion Ratio Lower Upper
65 100
92 66.6 53.6 80.4
138 102.8 79.8 119.6

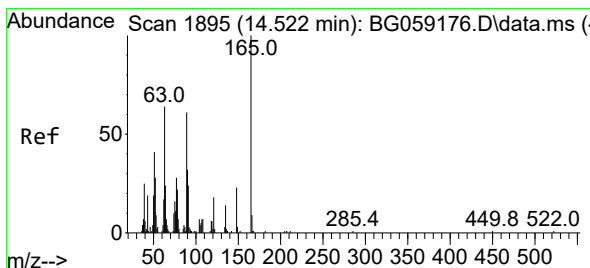
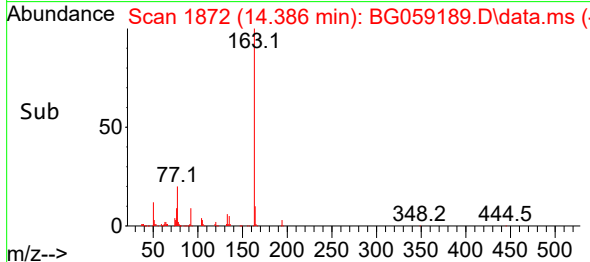
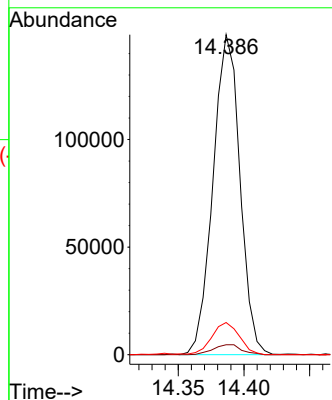
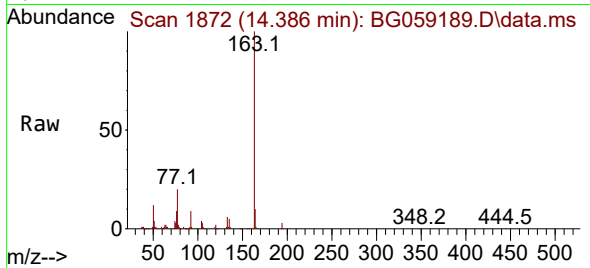




#47
Dimethylphthalate
Concen: 20.669 ng/ul
RT: 14.386 min Scan# 1872
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

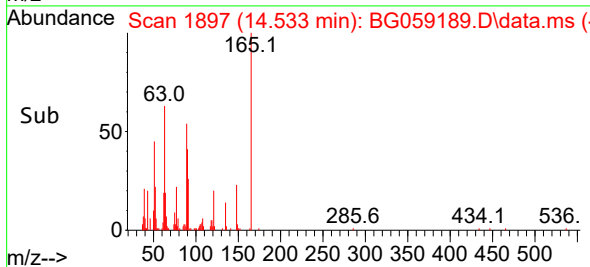
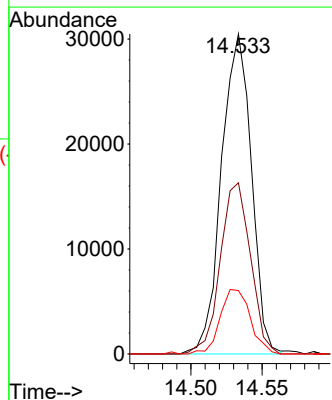
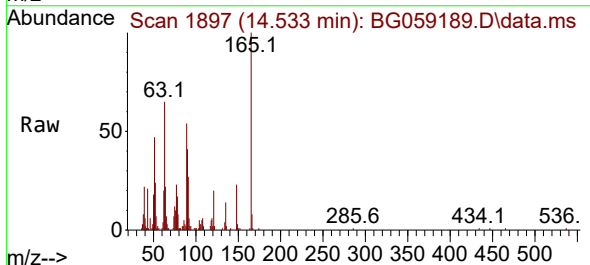
Instrument :
BNA_G
ClientSampleId :
SSTD020571

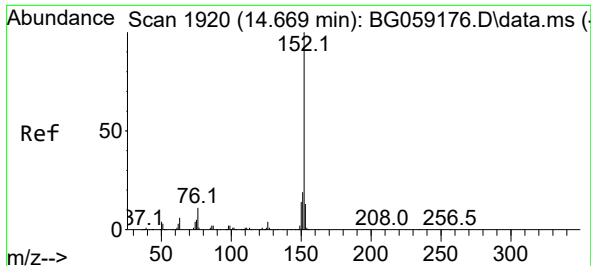
Tgt Ion:163 Resp: 212419
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.0 7.6 11.4



#48
2,6-Dinitrotoluene
Concen: 23.496 ng/ul
RT: 14.533 min Scan# 1897
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:165 Resp: 44622
Ion Ratio Lower Upper
165 100
89 53.5 38.7 58.1
121 19.8 13.4 20.0

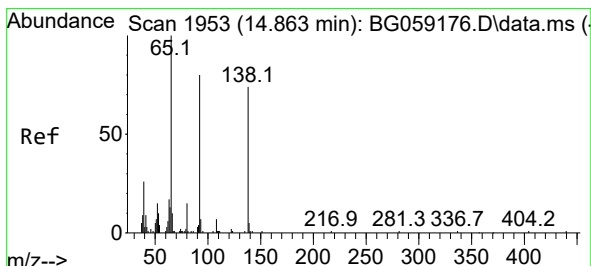
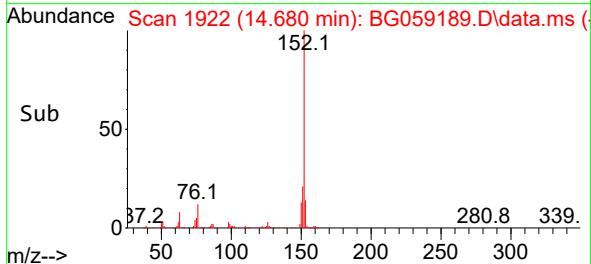
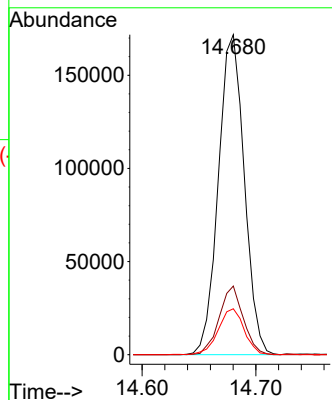
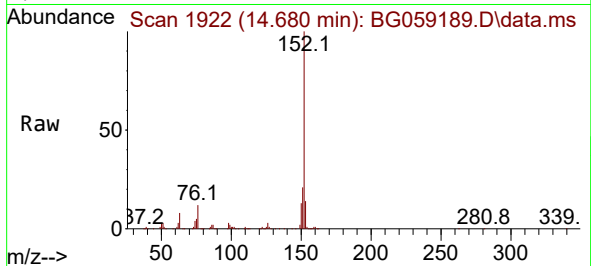




#50
Acenaphthylene
Concen: 20.802 ng/ul
RT: 14.680 min Scan# 1922
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

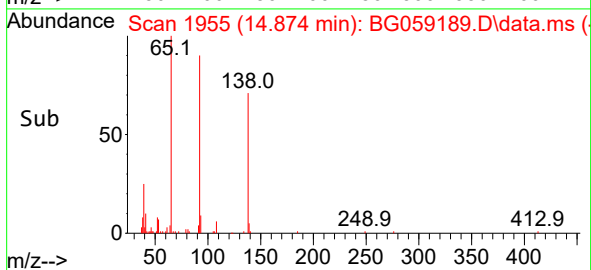
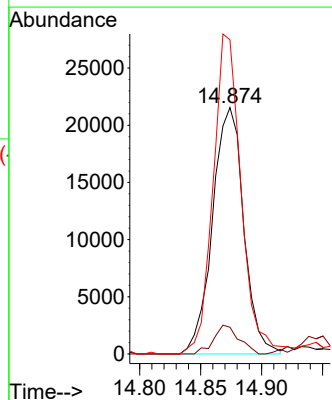
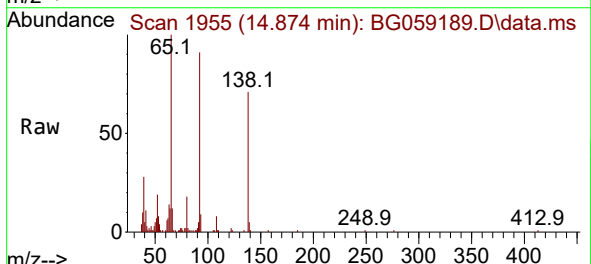
Instrument :
BNA_G
ClientSampleId :
SSTD020571

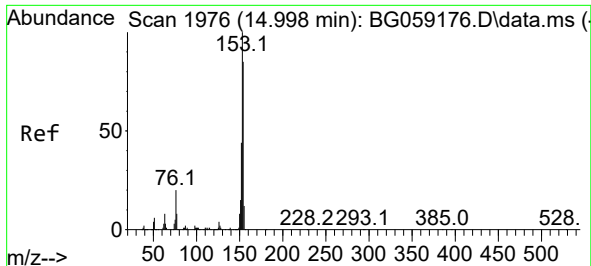
Tgt Ion:152 Resp: 272219
Ion Ratio Lower Upper
152 100
151 21.5 15.8 23.6
153 14.4 11.3 16.9



#51
3-Nitroaniline
Concen: 18.292 ng/ul
RT: 14.874 min Scan# 1955
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:138 Resp: 38330
Ion Ratio Lower Upper
138 100
108 10.8 7.4 11.2
92 127.5 93.4 140.0

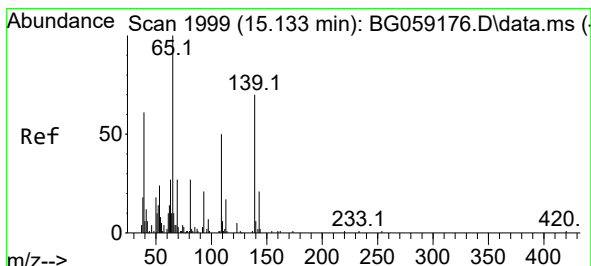
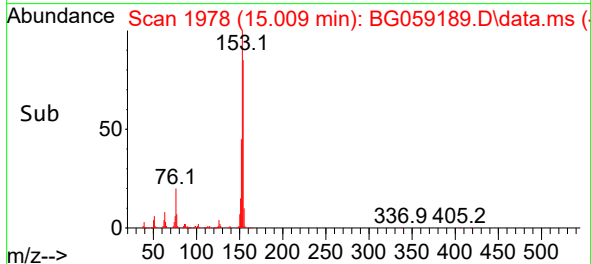
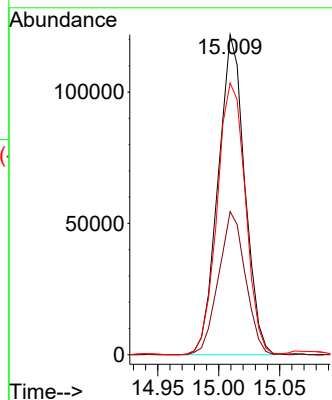
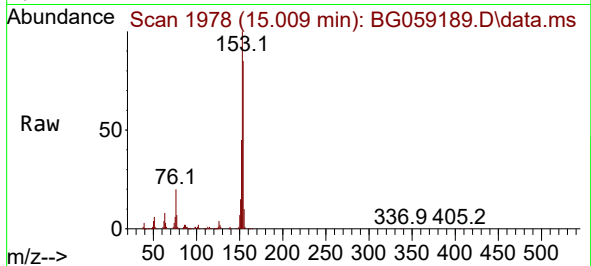




#52
Acenaphthene
Concen: 20.887 ng/ul
RT: 15.009 min Scan# 1976
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

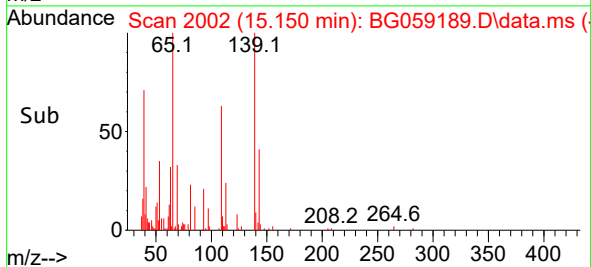
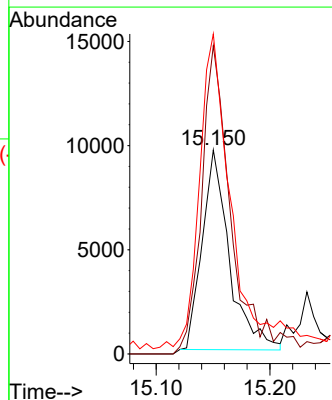
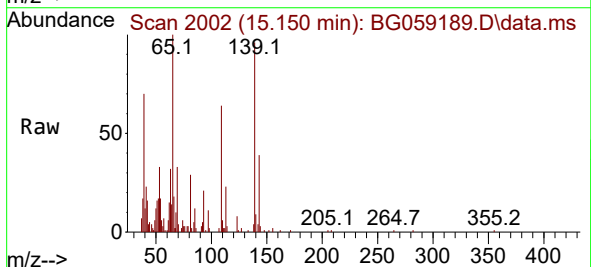
Instrument :
BNA_G
ClientSampleId :
SSTD020571

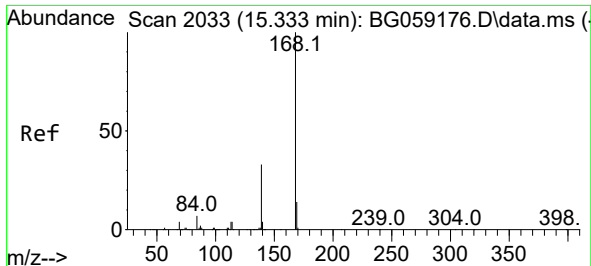
Tgt Ion:153 Resp: 185352
Ion Ratio Lower Upper
153 100
152 44.7 36.0 54.0
154 85.0 71.3 106.9



#55
4-Nitrophenol
Concen: 13.177 ng/ul
RT: 15.150 min Scan# 2002
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:109 Resp: 15987
Ion Ratio Lower Upper
109 100
139 151.1 114.5 171.7
65 156.9 132.1 198.1

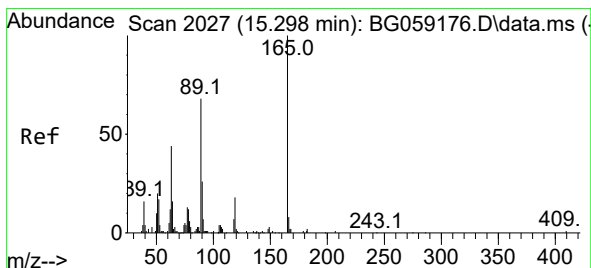
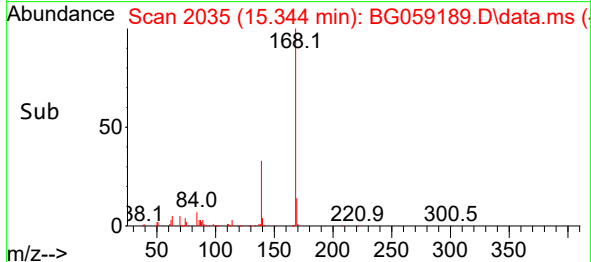
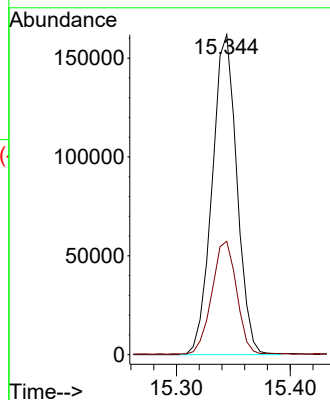
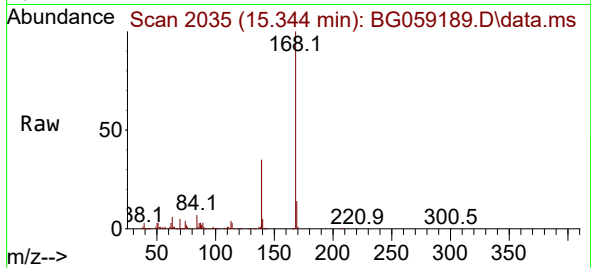




#56
Dibenzofuran
Concen: 20.793 ng/ul
RT: 15.344 min Scan# 2035
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

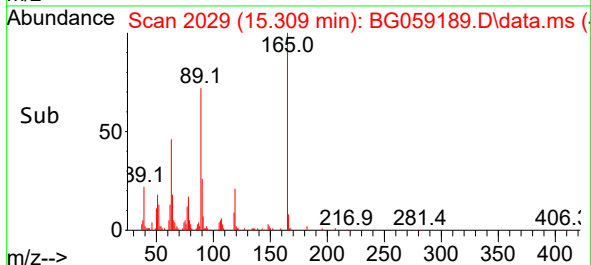
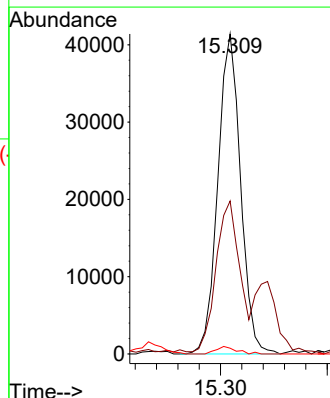
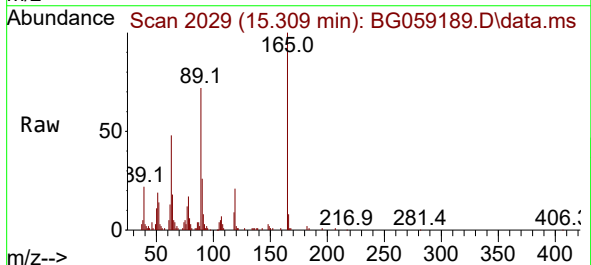
Instrument :
BNA_G
ClientSampleId :
SSTD020571

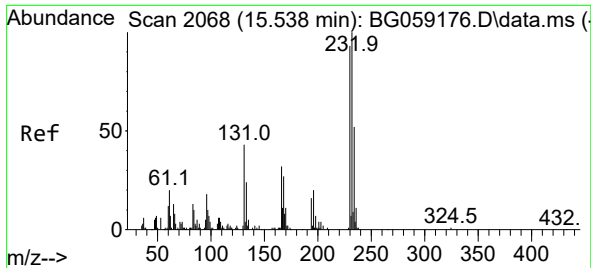
Tgt Ion:168 Resp: 244744
Ion Ratio Lower Upper
168 100
139 35.4 26.3 39.5



#57
2,4-Dinitrotoluene
Concen: 22.337 ng/ul
RT: 15.309 min Scan# 2029
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:165 Resp: 61157
Ion Ratio Lower Upper
165 100
63 47.8 40.0 60.0
182 1.8 2.1 3.1#

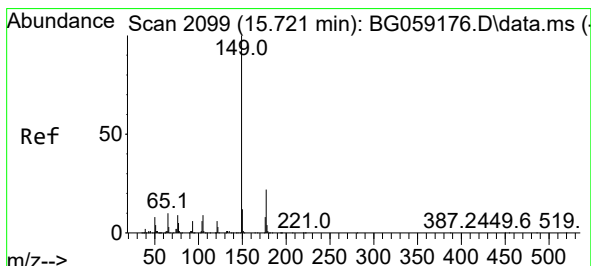
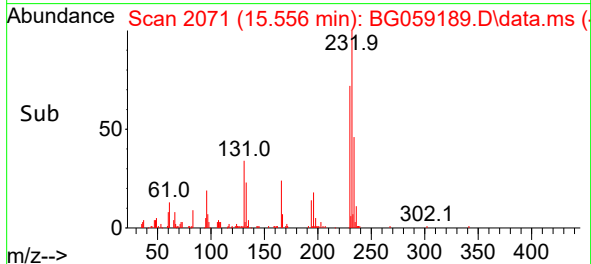
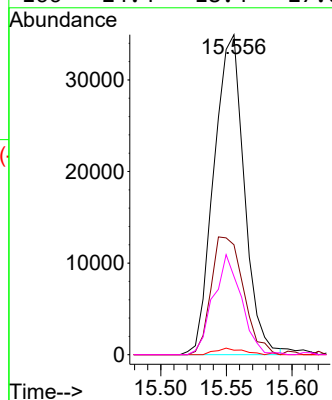
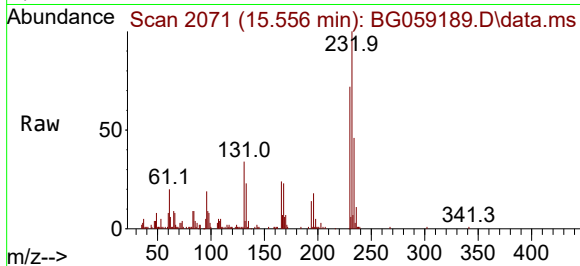




#58
2,3,4,6-Tetrachlorophenol
Concen: 22.377 ng/ul
RT: 15.556 min Scan# 2068
Delta R.T. 0.017 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

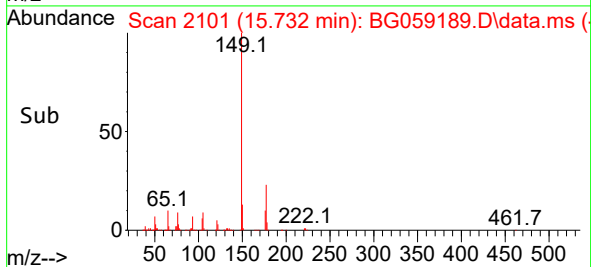
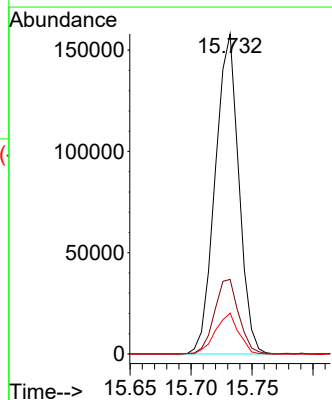
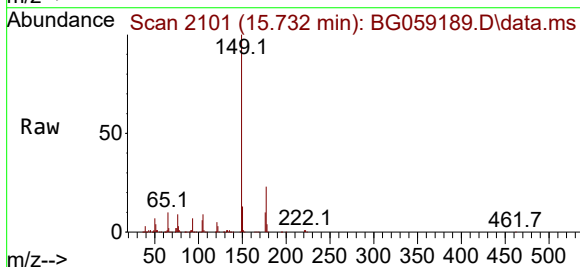
Instrument :
BNA_G
ClientSampleId :
SSTD020571

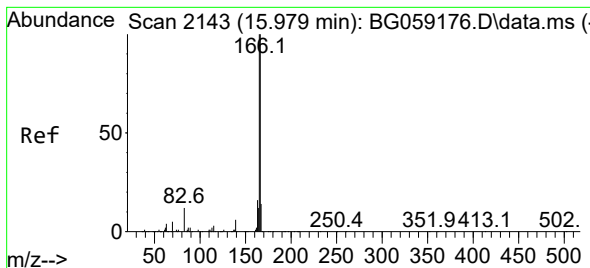
Tgt Ion:232	Resp:	56116
Ion Ratio	Lower	Upper
232	100	
131	34.4	25.8 38.8
130	1.4	1.8 2.6#
166	24.4	18.4 27.6



#59
Diethylphthalate
Concen: 21.050 ng/ul
RT: 15.732 min Scan# 2101
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:149	Resp:	213167
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.4 29.2
150	12.7	9.8 14.8





#61

Fluorene

Concen: 21.012 ng/ul

RT: 15.990 min Scan# 21178

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

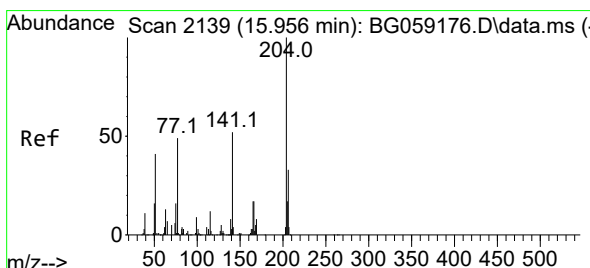
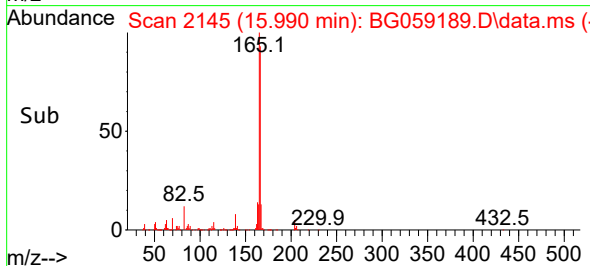
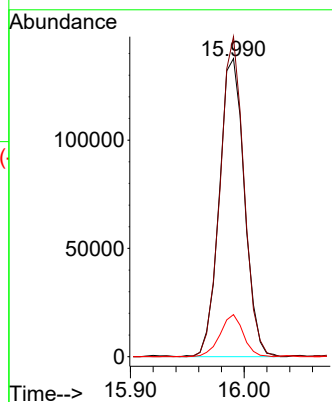
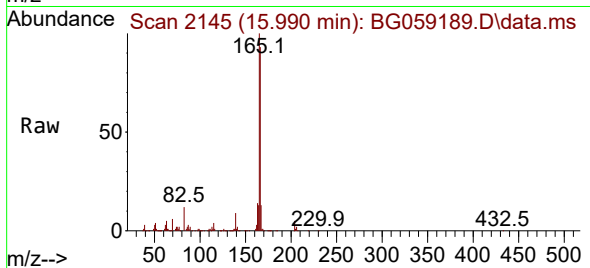
Tgt Ion:166 Resp: 211178

Ion Ratio Lower Upper

166 100

165 107.3 81.6 122.4

167 14.1 12.1 18.1



#62

4-Chlorophenyl-phenylether

Concen: 21.365 ng/ul

RT: 15.973 min Scan# 2142

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

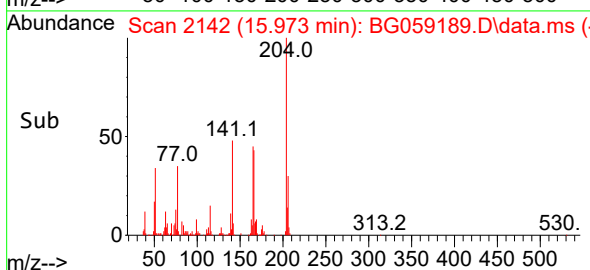
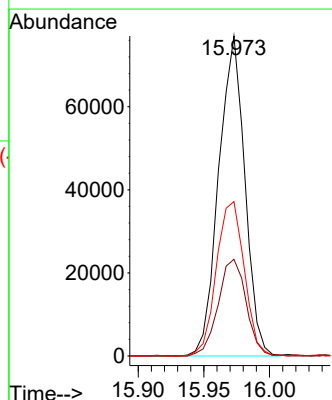
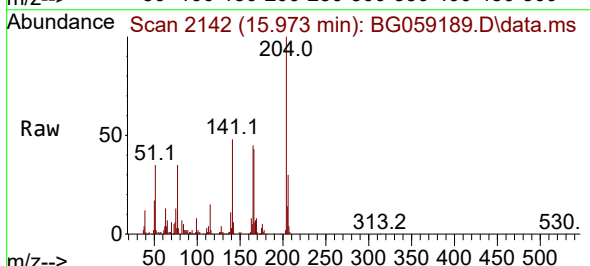
Tgt Ion:204 Resp: 106573

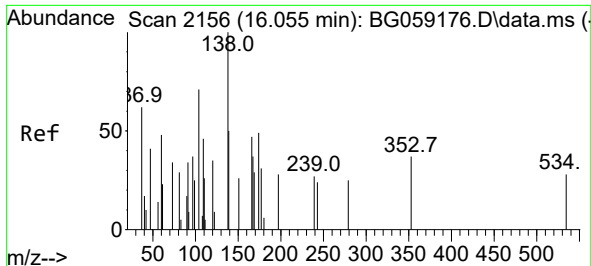
Ion Ratio Lower Upper

204 100

206 30.2 28.2 42.2

141 48.2 43.4 65.0

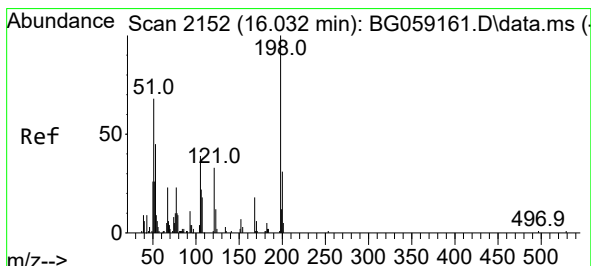
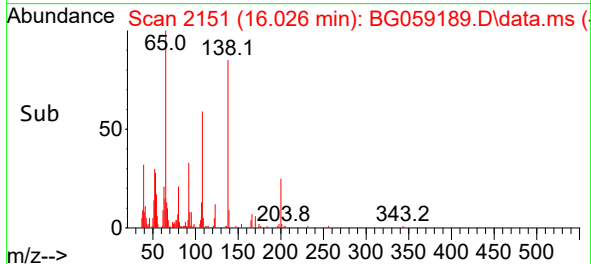
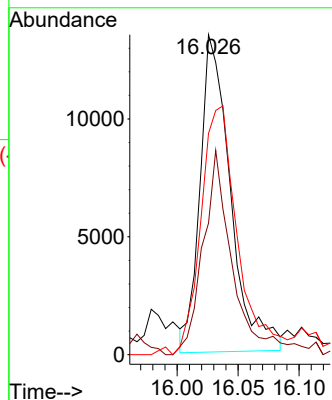
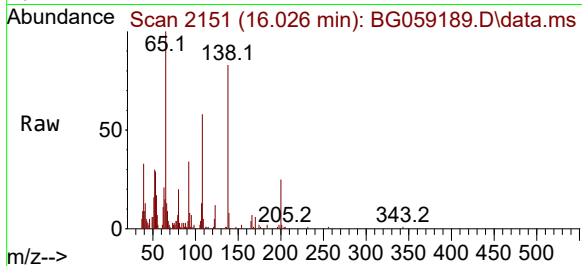




#63
4-Nitroaniline
Concen: 12.035 ng/ul
RT: 16.026 min Scan# 2151
Delta R.T. 0.006 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

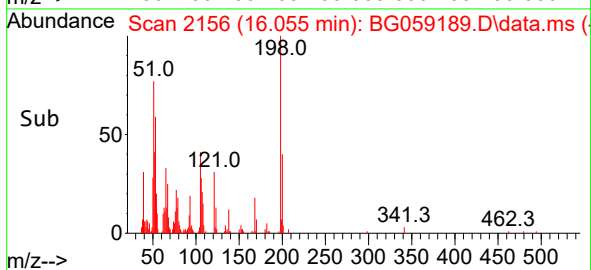
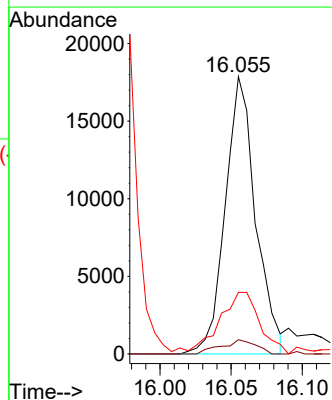
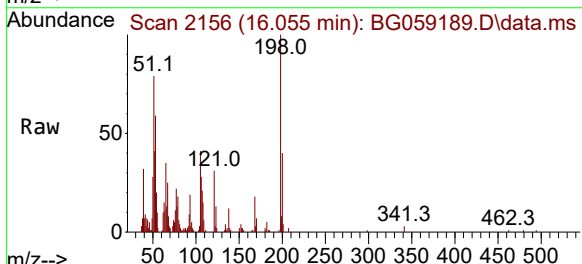
Instrument :
BNA_G
ClientSampleId :
SSTD020571

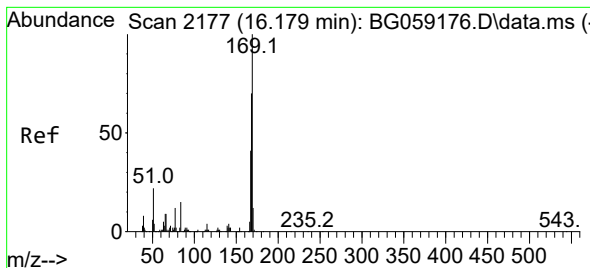
Tgt Ion:138 Resp: 23376
Ion Ratio Lower Upper
138 100
92 41.1 39.0 58.6
108 69.1 53.5 80.3



#66
4,6-Dinitro-2-methylphenol
Concen: 13.875 ng/ul
RT: 16.055 min Scan# 2156
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:198 Resp: 26622
Ion Ratio Lower Upper
198 100
182 5.2 3.5 5.3
77 22.2 17.3 25.9





#67

N-Nitrosodiphenylamine

Concen: 20.428 ng/ul

RT: 16.190 min Scan# 2177

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

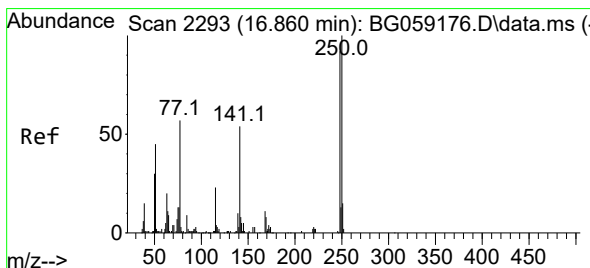
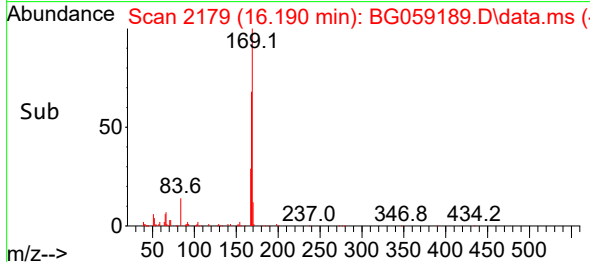
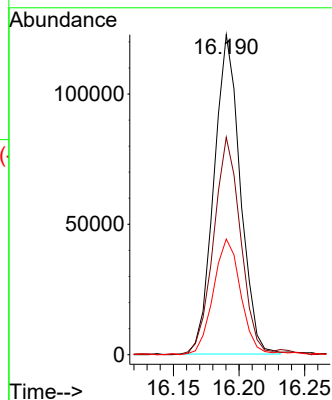
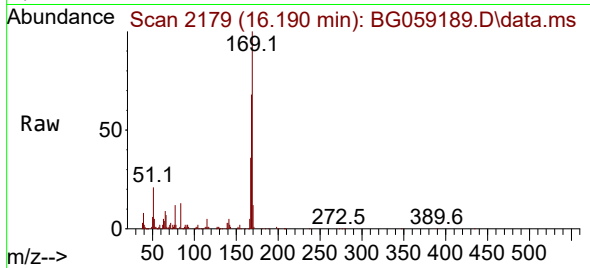
Tgt Ion:169 Resp: 170304

Ion Ratio Lower Upper

169 100

168 68.0 52.1 78.1

167 36.1 30.5 45.7



#68

4-Bromophenyl-phenylether

Concen: 21.426 ng/ul

RT: 16.872 min Scan# 2295

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

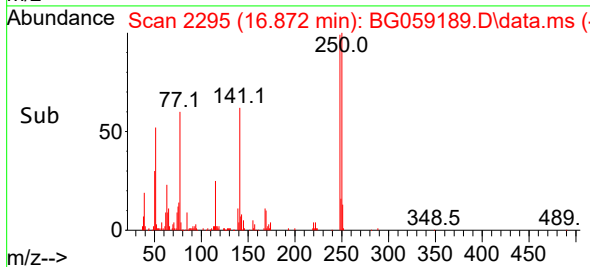
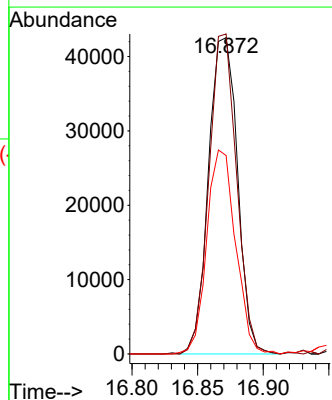
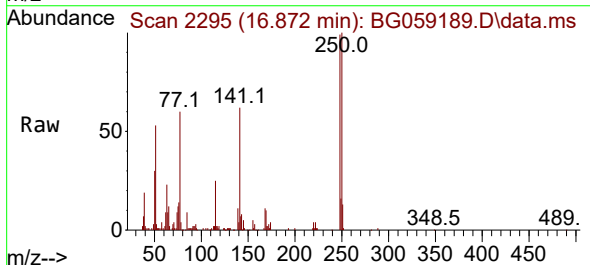
Tgt Ion:248 Resp: 65273

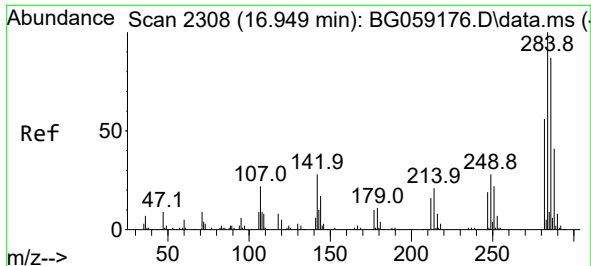
Ion Ratio Lower Upper

248 100

250 101.2 81.8 122.8

141 62.7 50.0 75.0

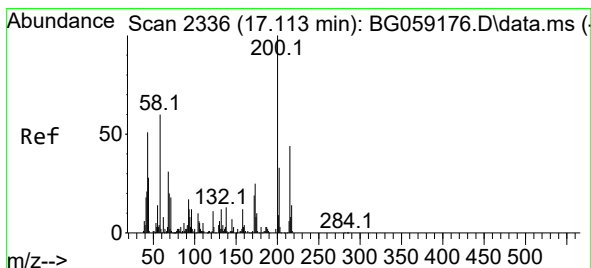
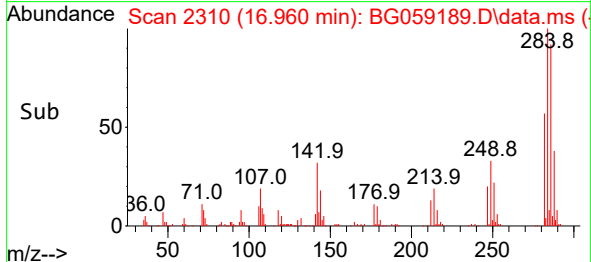
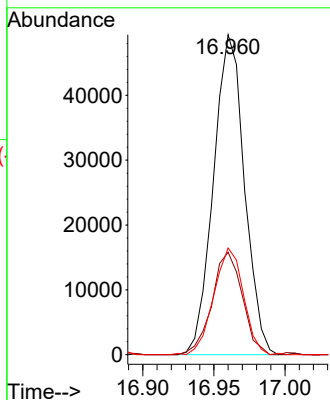
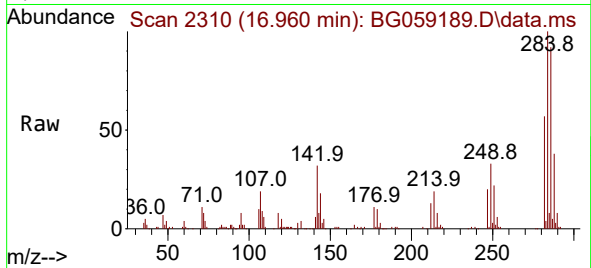




#69
Hexachlorobenzene
Concen: 21.435 ng/ul
RT: 16.960 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

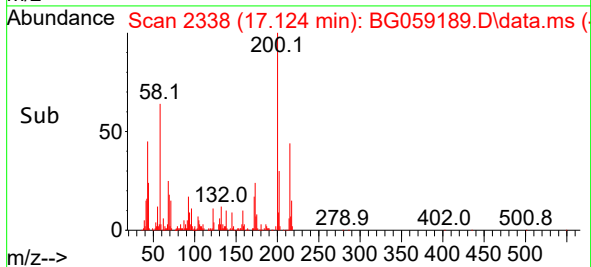
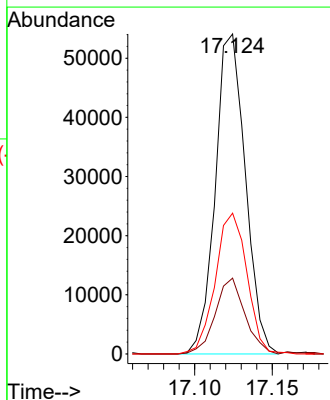
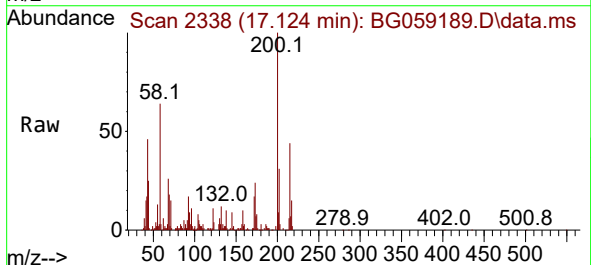
Instrument :
BNA_G
ClientSampleId :
SSTD020571

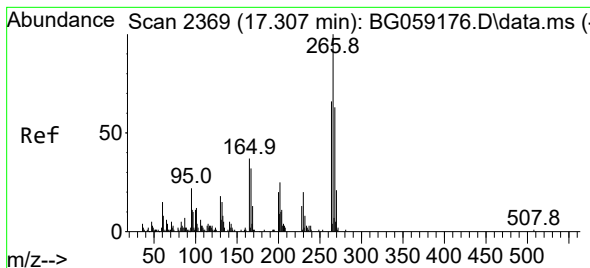
Tgt Ion:284 Resp: 74798
Ion Ratio Lower Upper
284 100
142 32.0 23.2 34.8
249 33.4 27.8 41.8



#70
Atrazine
Concen: 21.997 ng/ul
RT: 17.124 min Scan# 2338
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:200 Resp: 72965
Ion Ratio Lower Upper
200 100
173 23.7 19.4 29.0
215 44.0 38.5 57.7





#71

Pentachlorophenol

Concen: 11.931 ng/ul

RT: 17.318 min Scan# 21

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

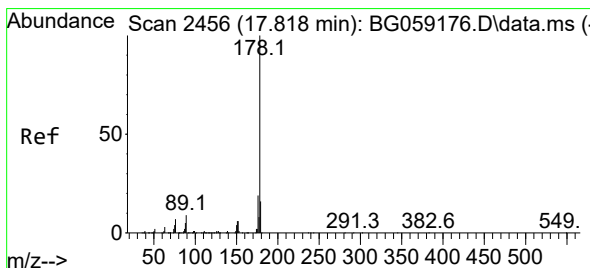
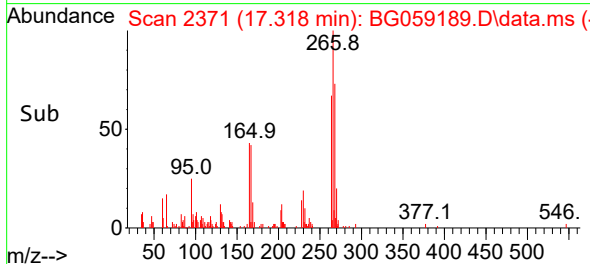
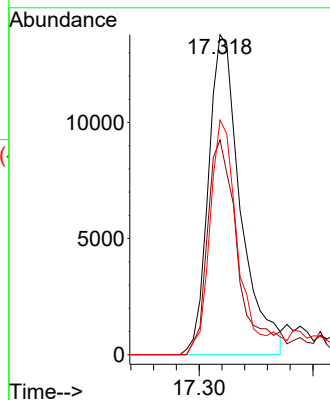
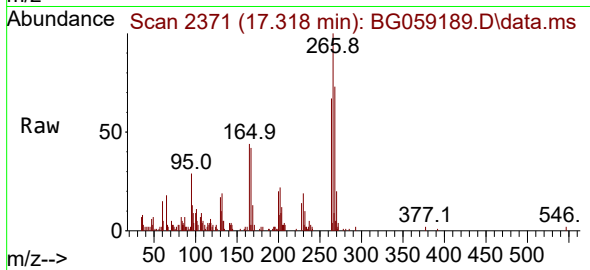
Tgt Ion:266 Resp: 27044

Ion Ratio Lower Upper

266 100

264 67.1 50.6 76.0

268 73.3 56.4 84.6



#72

Phenanthrene

Concen: 20.966 ng/ul

RT: 17.741 min Scan# 2443

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

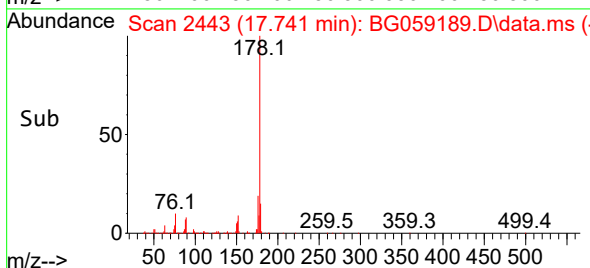
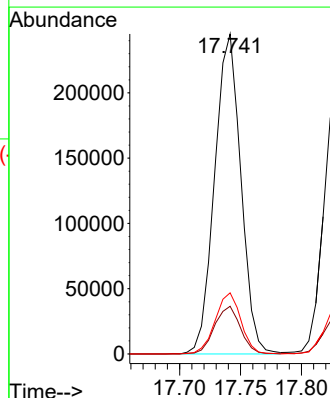
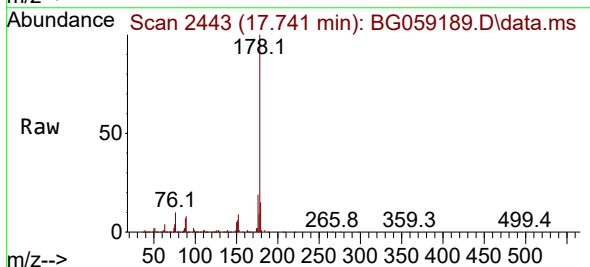
Tgt Ion:178 Resp: 367389

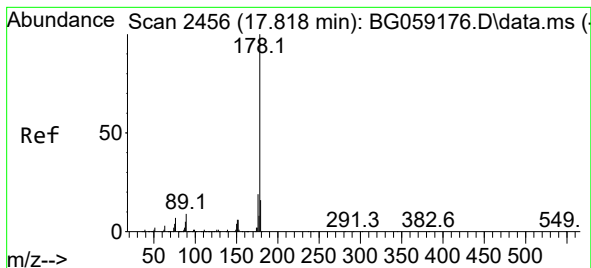
Ion Ratio Lower Upper

178 100

179 14.9 11.8 17.8

176 19.1 14.6 21.8





#74

Anthracene

Concen: 20.835 ng/uI

RT: 17.829 min Scan# 2456

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

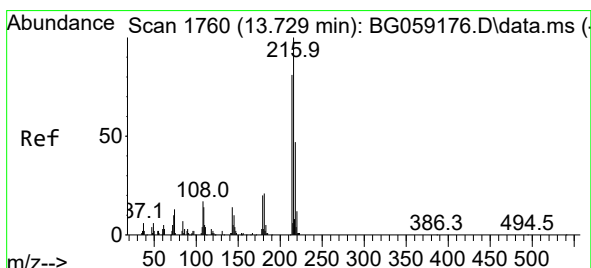
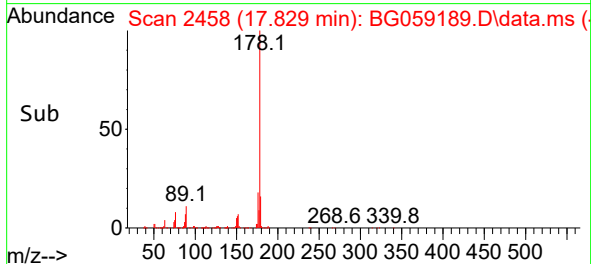
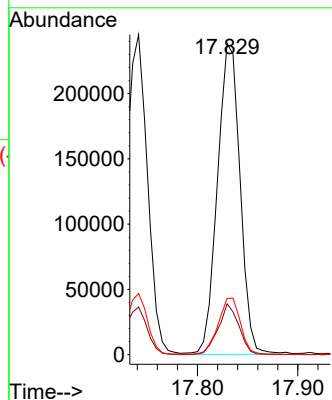
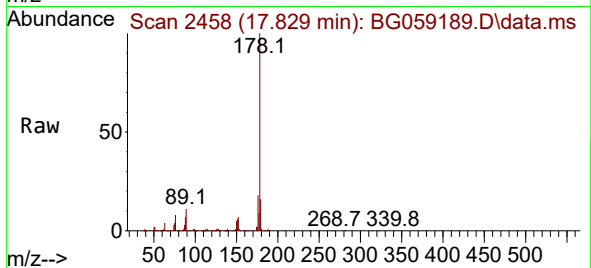
Tgt Ion:178 Resp: 373049

Ion Ratio Lower Upper

178 100

179 16.4 12.4 18.6

176 18.1 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 20.903 ng/uI

RT: 13.746 min Scan# 1763

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

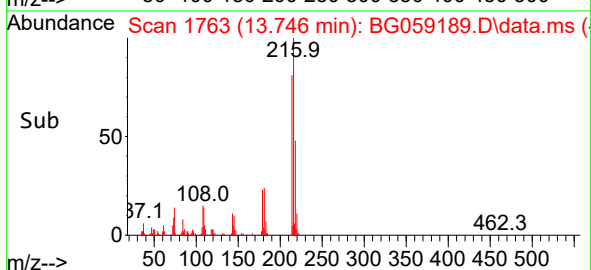
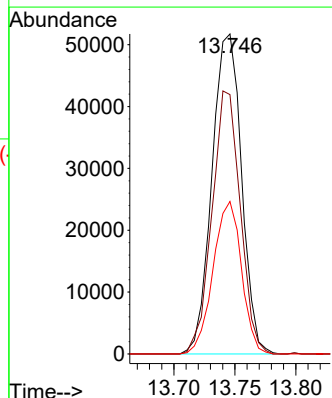
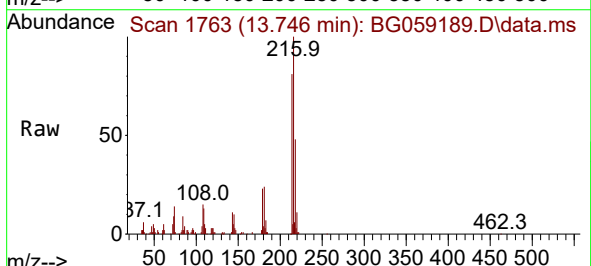
Tgt Ion:216 Resp: 87259

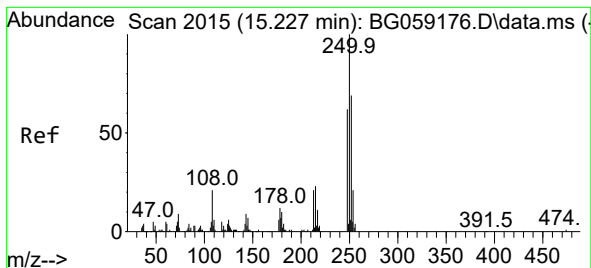
Ion Ratio Lower Upper

216 100

214 81.0 69.9 104.9

218 47.6 39.4 59.0





#76

Pentachlorobenzene

Concen: 21.260 ng/uL

RT: 15.238 min Scan# 2015

Delta R.T. 0.011 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

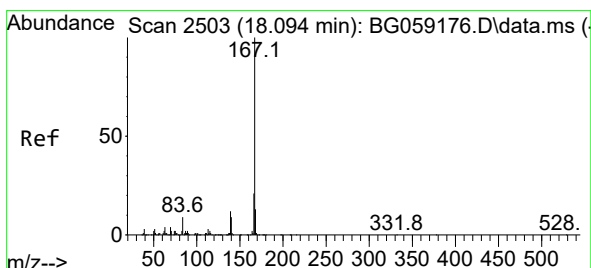
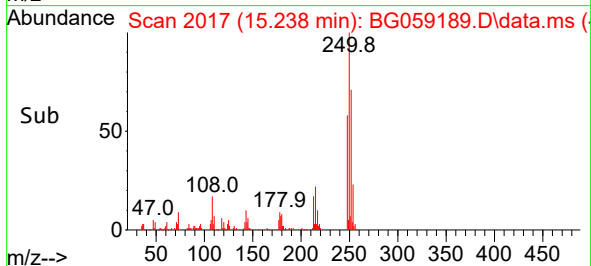
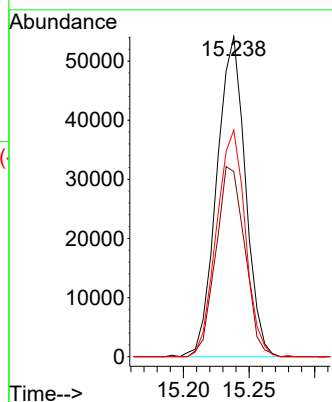
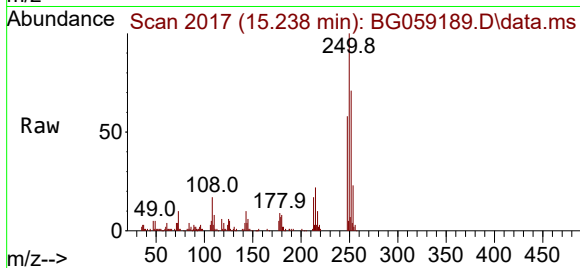
Tgt Ion:250 Resp: 82091

Ion Ratio Lower Upper

250 100

248 57.8 52.5 78.7

252 70.8 59.4 89.2



#77

Carbazole

Concen: 18.545 ng/uL

RT: 18.111 min Scan# 2506

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

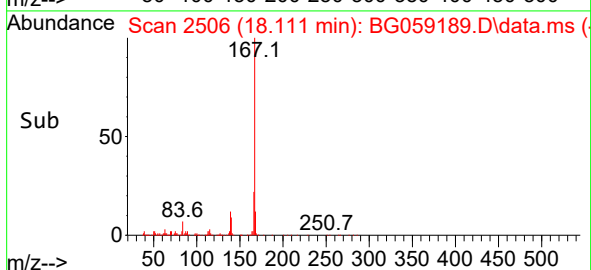
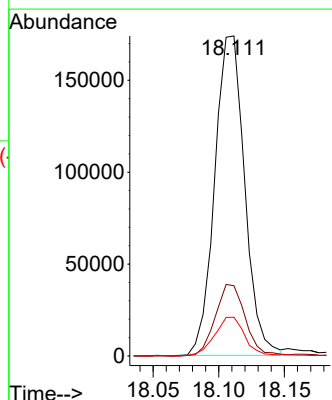
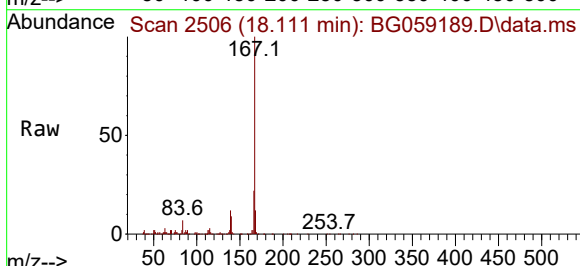
Tgt Ion:167 Resp: 276058

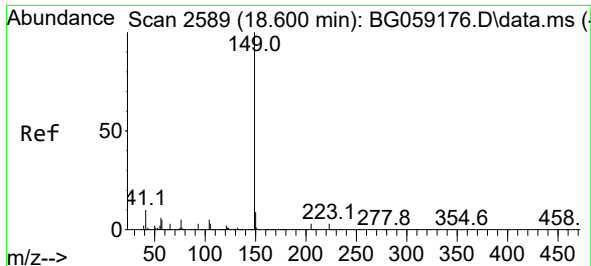
Ion Ratio Lower Upper

167 100

166 22.0 16.7 25.1

139 12.1 9.4 14.0

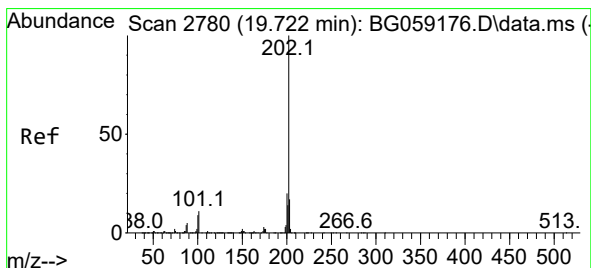
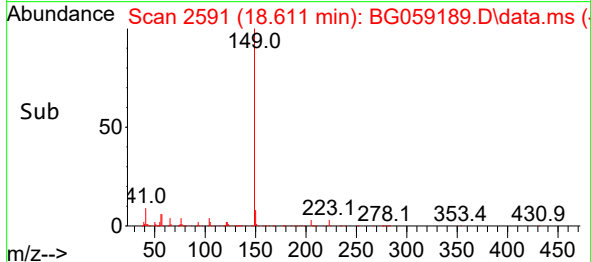
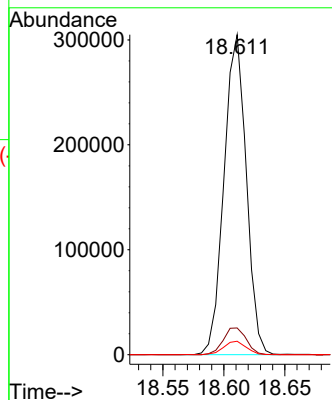
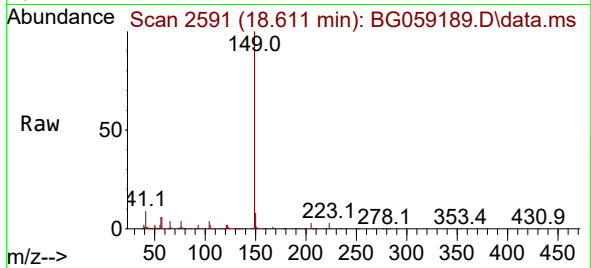




#78
Di-n-butylphthalate
Concen: 21.173 ng/ul
RT: 18.611 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

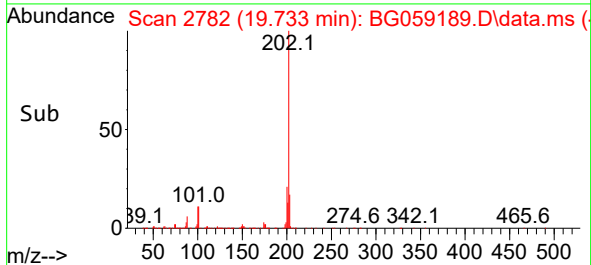
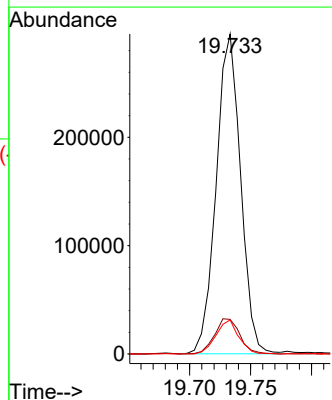
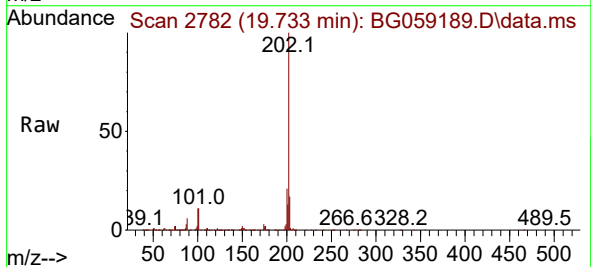
Instrument :
BNA_G
ClientSampleId :
SSTD020571

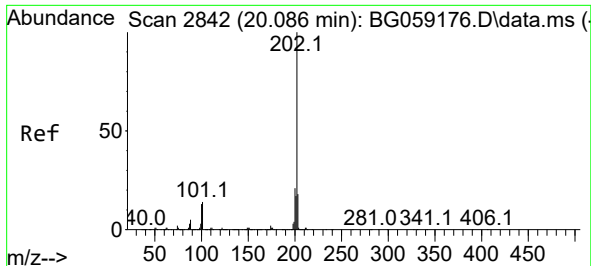
Tgt Ion:149 Resp: 388276
Ion Ratio Lower Upper
149 100
150 8.3 7.4 11.2
104 4.2 3.5 5.3



#80
Fluoranthene
Concen: 22.267 ng/ul
RT: 19.733 min Scan# 2782
Delta R.T. 0.011 min
Lab File: BG059189.D
Acq: 25 Sep 2023 18:33

Tgt Ion:202 Resp: 411132
Ion Ratio Lower Upper
202 100
101 10.8 9.2 13.8
100 10.7 7.7 11.5

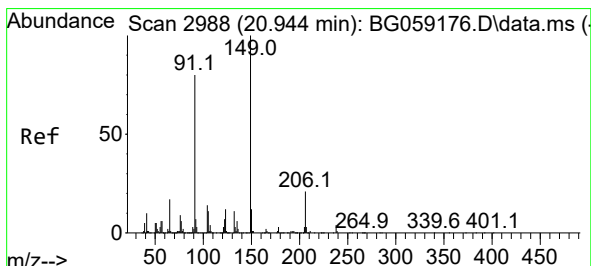
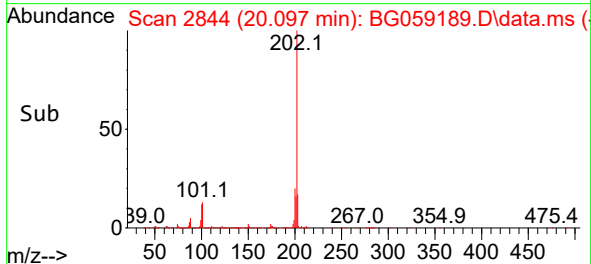
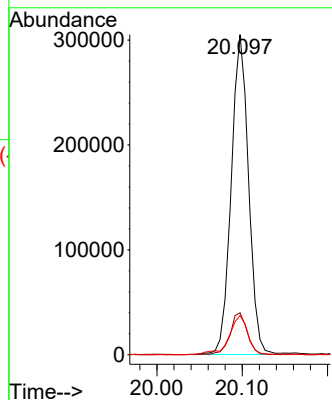
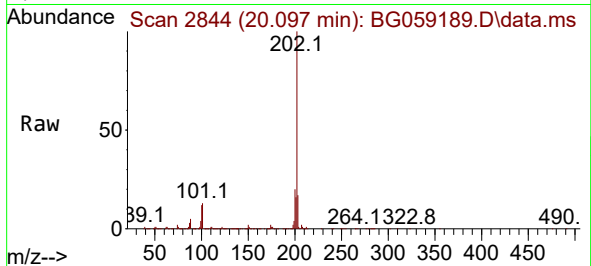




#82
 Pyrene
 Concen: 22.393 ng/ul
 RT: 20.097 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BG059189.D
 Acq: 25 Sep 2023 18:33

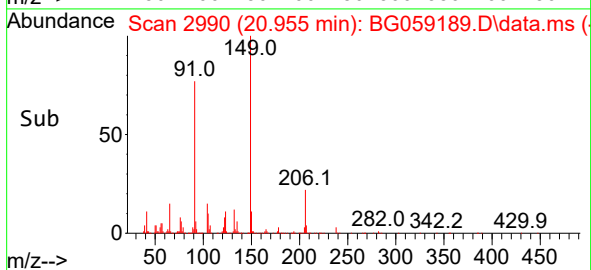
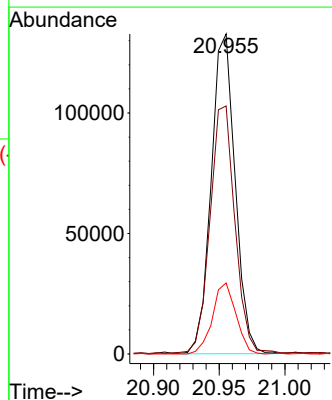
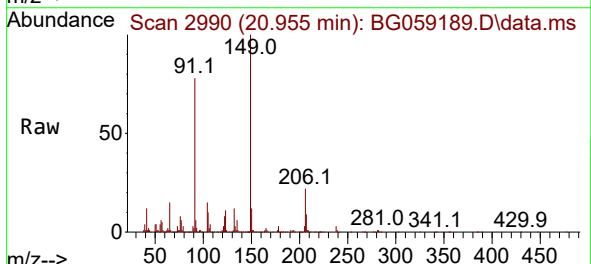
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020571

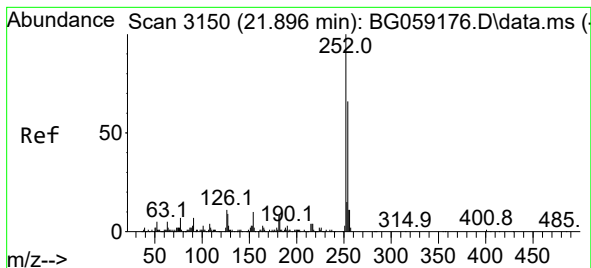
Tgt Ion:202 Resp: 431278
 Ion Ratio Lower Upper
 202 100
 101 13.1 11.0 16.4
 100 12.2 10.1 15.1



#83
 Butylbenzylphthalate
 Concen: 24.230 ng/ul
 RT: 20.955 min Scan# 2990
 Delta R.T. 0.011 min
 Lab File: BG059189.D
 Acq: 25 Sep 2023 18:33

Tgt Ion:149 Resp: 168558
 Ion Ratio Lower Upper
 149 100
 91 77.5 61.2 91.8
 206 22.2 15.8 23.6





#84

3,3'-Dichlorobenzidine

Concen: 17.835 ng/ul

RT: 21.919 min Scan# 3150

Delta R.T. 0.023 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

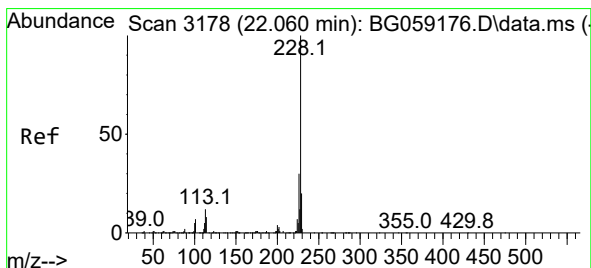
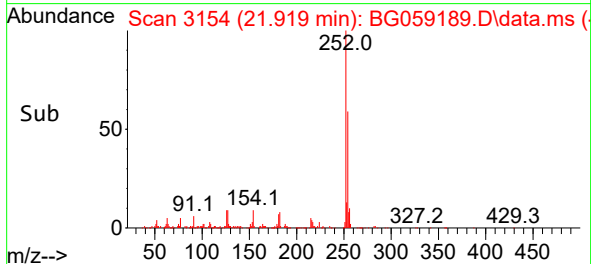
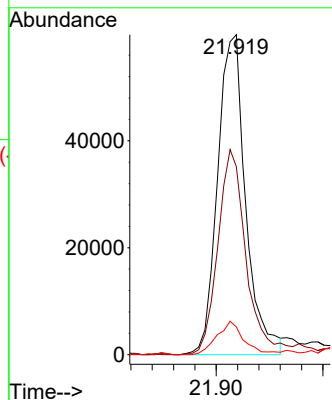
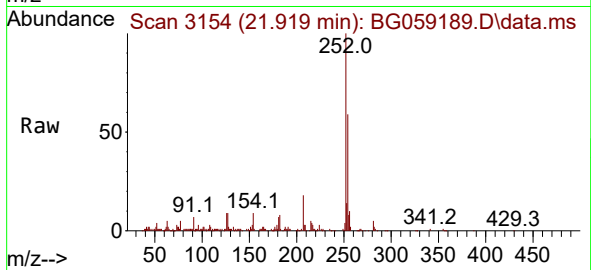
Tgt Ion:252 Resp: 109252

Ion Ratio Lower Upper

252 100

254 58.8 52.4 78.6

126 8.7 8.2 12.2



#85

Benzo(a)anthracene

Concen: 20.983 ng/ul

RT: 22.001 min Scan# 3168

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

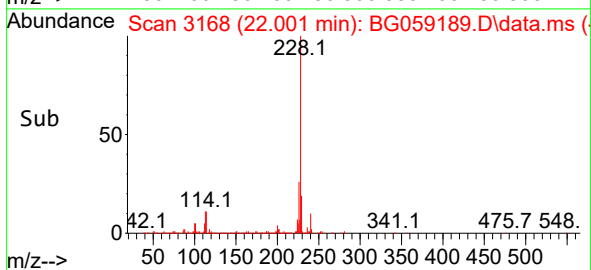
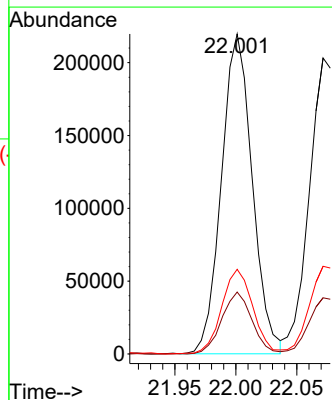
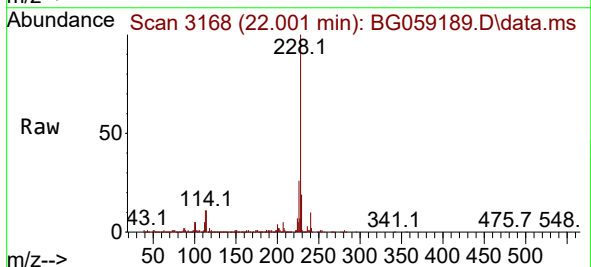
Tgt Ion:228 Resp: 386181

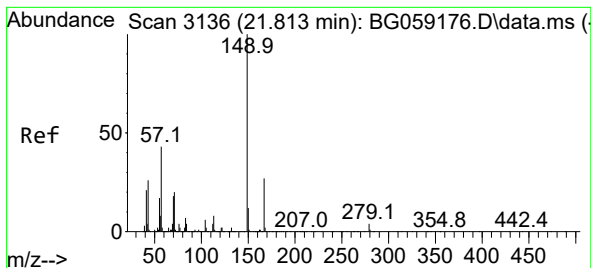
Ion Ratio Lower Upper

228 100

229 19.4 16.1 24.1

226 26.5 20.6 30.8

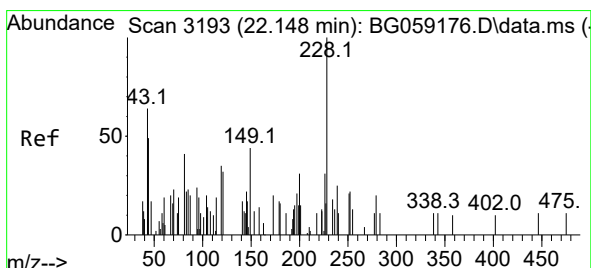
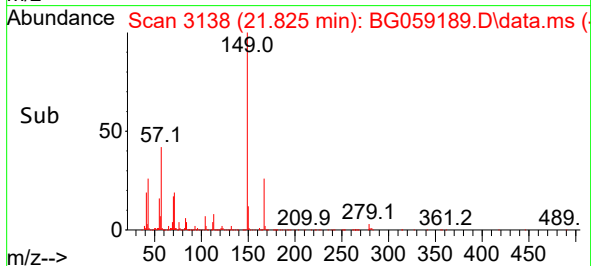
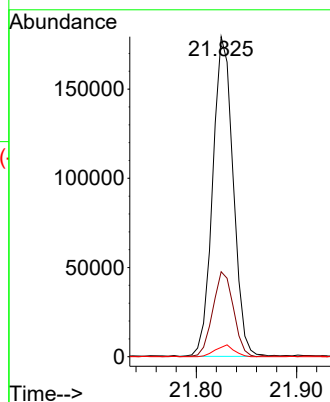
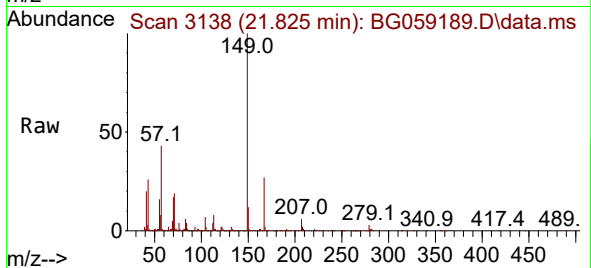




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 24.389 ng/ul
 RT: 21.825 min Scan# 3136
 Delta R.T. 0.011 min
 Lab File: BG059189.D
 Acq: 25 Sep 2023 18:33

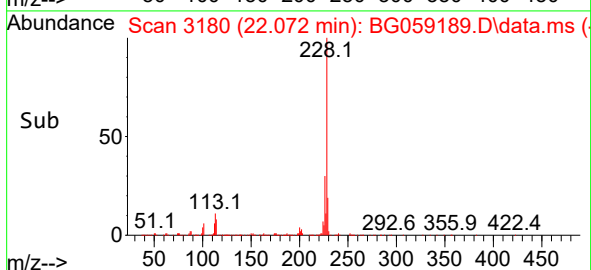
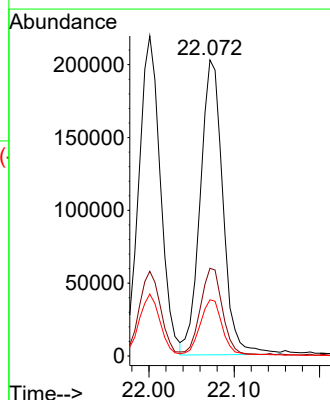
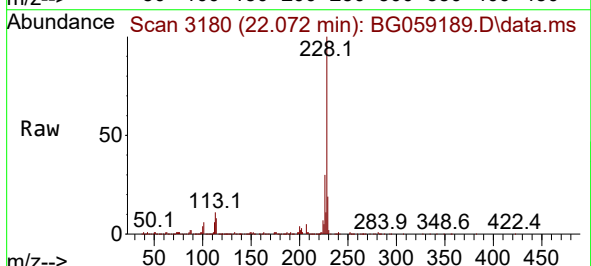
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020571

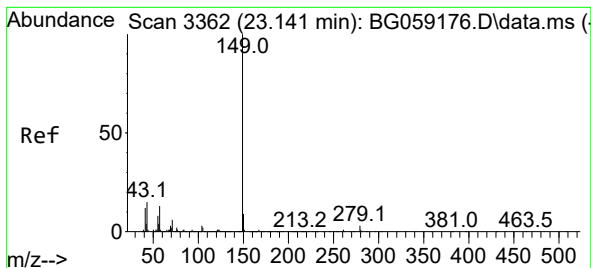
Tgt Ion:149 Resp: 253852
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.2 30.4
 279 2.9 3.2 4.8#



#87
 Chrysene
 Concen: 21.838 ng/ul
 RT: 22.072 min Scan# 3180
 Delta R.T. 0.011 min
 Lab File: BG059189.D
 Acq: 25 Sep 2023 18:33

Tgt Ion:228 Resp: 374807
 Ion Ratio Lower Upper
 228 100
 226 29.6 23.3 34.9
 229 19.0 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 23.575 ng/ul

RT: 23.159 min Scan# 31

Delta R.T. 0.017 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

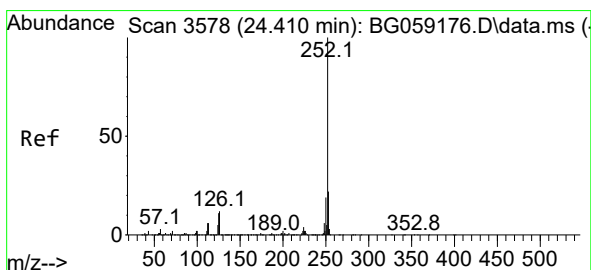
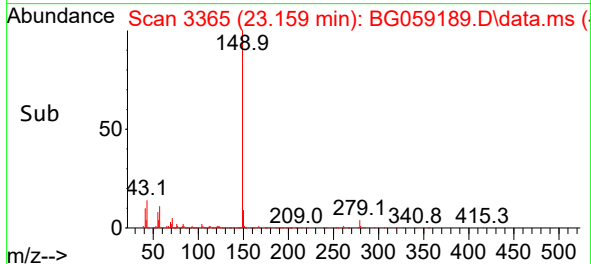
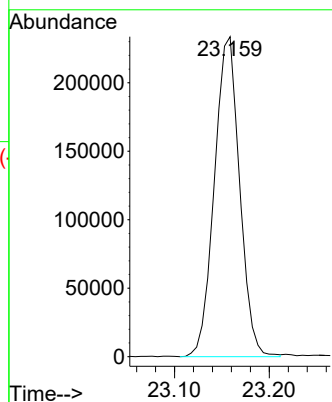
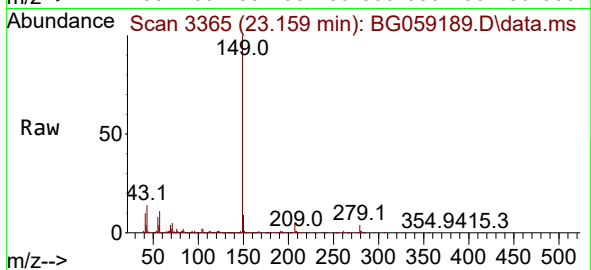
Instrument :

BNA_G

ClientSampleId :

SSTD020571

Tgt Ion:149 Resp: 431870



#90

Benzo(b)fluoranthene

Concen: 22.011 ng/ul

RT: 24.434 min Scan# 3582

Delta R.T. 0.023 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

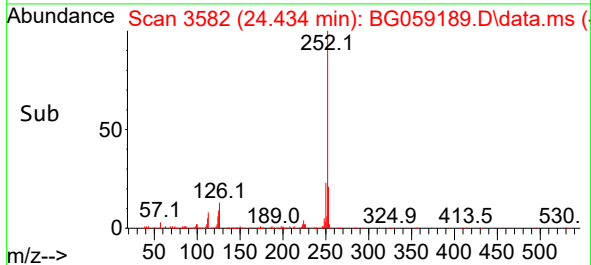
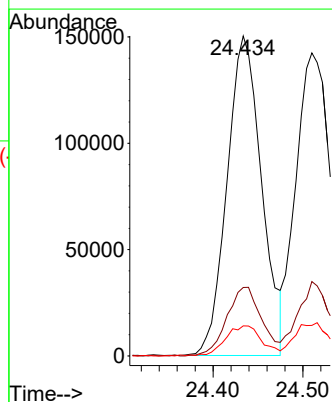
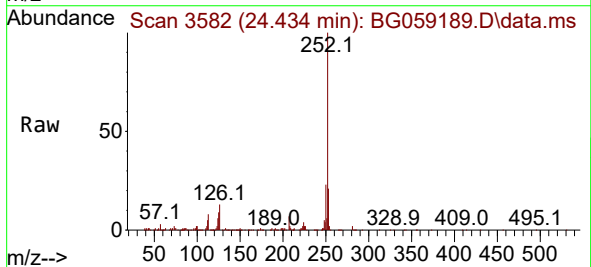
Tgt Ion:252 Resp: 401876

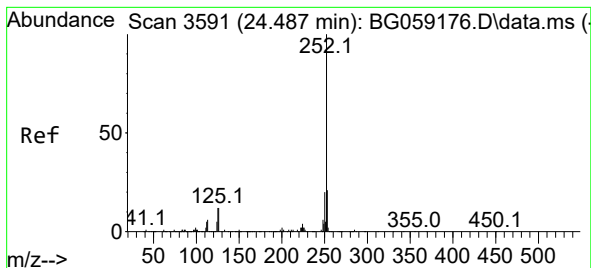
Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

125 9.4 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 20.233 ng/ul

RT: 24.510 min Scan# 3

Delta R.T. 0.023 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

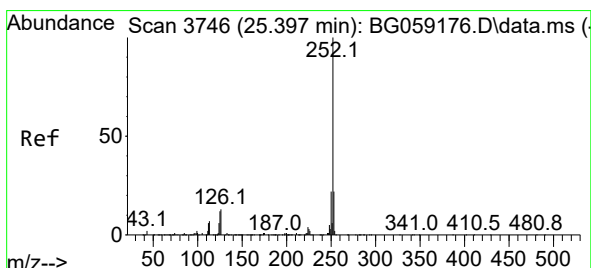
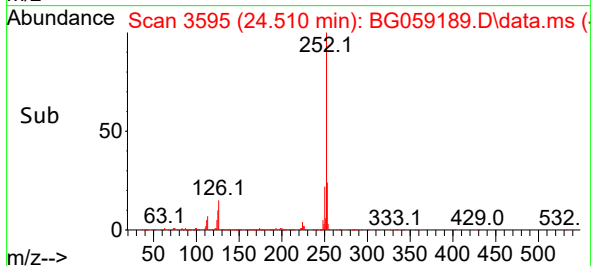
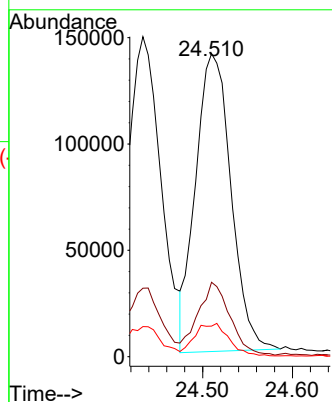
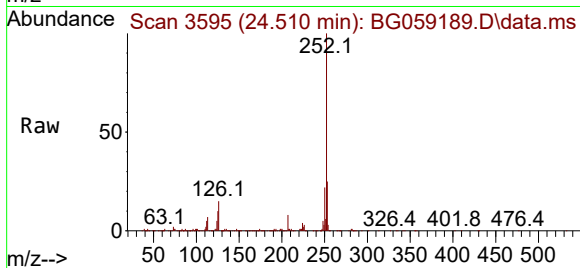
Tgt Ion:252 Resp: 383010

Ion Ratio Lower Upper

252 100

253 24.5 16.5 24.7

125 10.1 7.9 11.9



#93

Benzo(a)pyrene

Concen: 20.686 ng/ul

RT: 25.421 min Scan# 3750

Delta R.T. 0.023 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

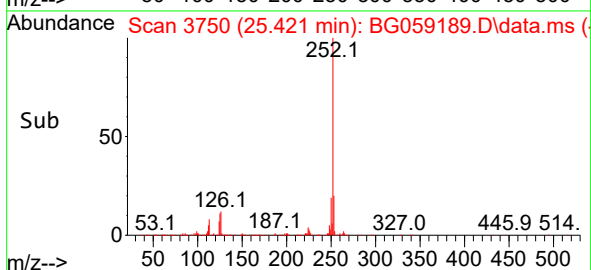
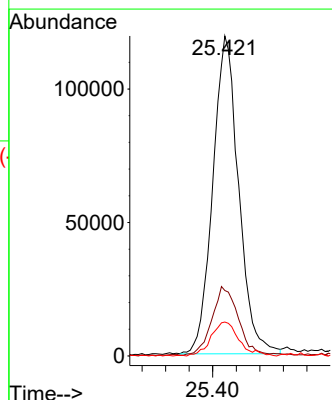
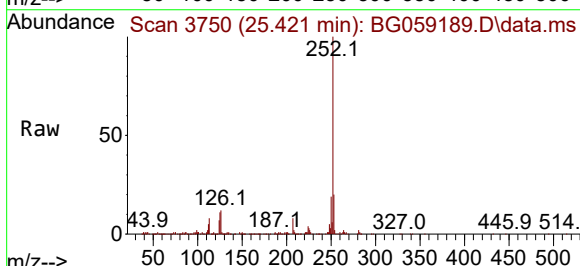
Tgt Ion:252 Resp: 362984

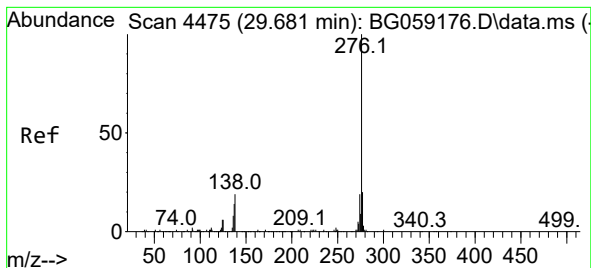
Ion Ratio Lower Upper

252 100

253 20.4 17.6 26.4

125 10.6 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 15.686 ng/ul

RT: 29.727 min Scan# 4483

Delta R.T. 0.047 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

Instrument :

BNA_G

ClientSampleId :

SSTD020571

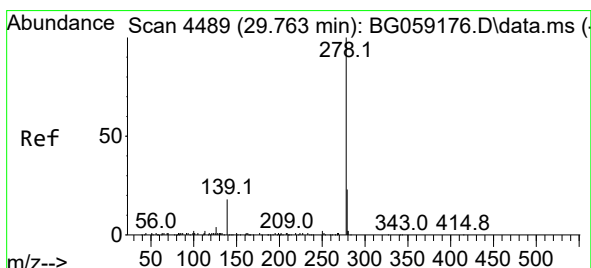
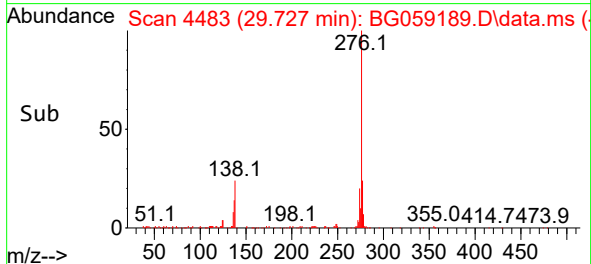
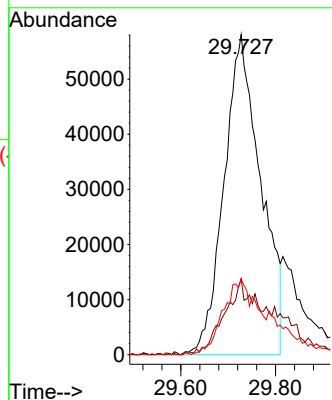
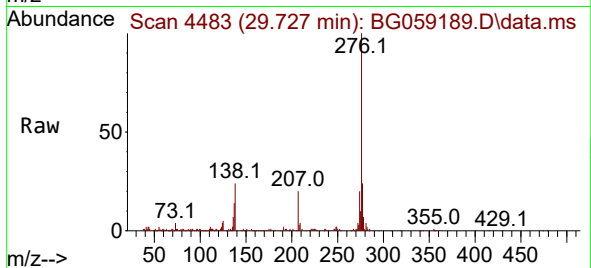
Tgt Ion:276 Resp: 313047

Ion Ratio Lower Upper

276 100

138 23.7 17.1 25.7

277 23.6 20.4 30.6



#95

Dibenzo(a,h)anthracene

Concen: 7.690 ng/ul

RT: 29.810 min Scan# 4497

Delta R.T. 0.047 min

Lab File: BG059189.D

Acq: 25 Sep 2023 18:33

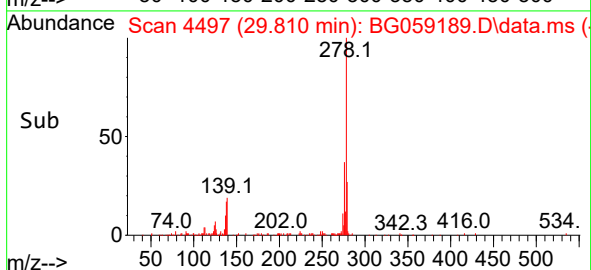
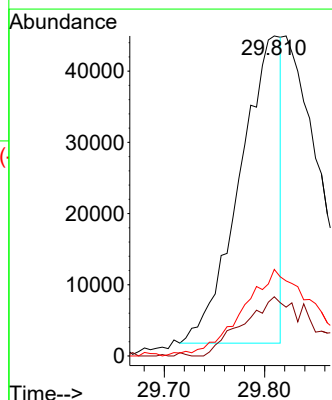
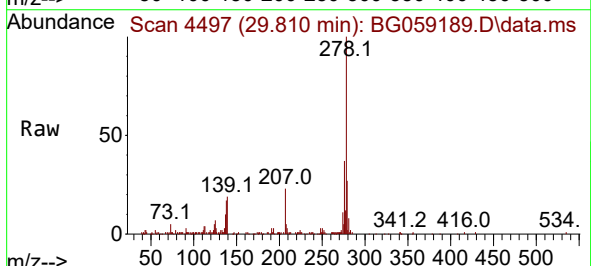
Tgt Ion:278 Resp: 123329

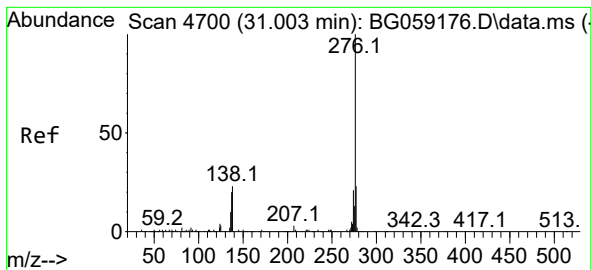
Ion Ratio Lower Upper

278 100

139 18.5 13.8 20.6

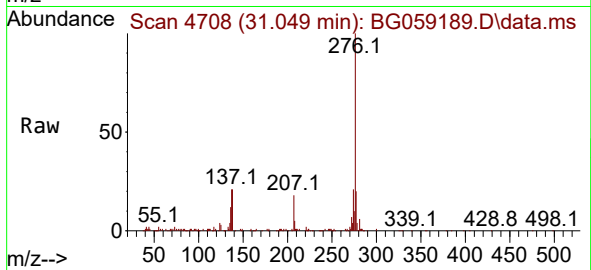
279 27.1 19.0 28.4





#96
 Benzo(g,h,i)perylene
 Concen: 19.167 ng/ul
 RT: 31.049 min Scan# 41
 Delta R.T. 0.047 min
 Lab File: BG059189.D
 Acq: 25 Sep 2023 18:33

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020571



Tgt Ion:276	Resp:	308126
Ion	Ratio	Lower Upper
276	100	
138	21.5	16.9 25.3
277	20.0	19.3 28.9

