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 Data File : BG059489.D
 Acq On : 19 Oct 2023 12:32
 Operator : MA/JU
 Sample : SST08059
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SST080431

Quant Time: Oct 20 02:36:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 20 02:34:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.194	152	47715	20.000	ng/u1	0.01
20) Naphthalene-d8	11.032	136	227091	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.833	164	138708	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.583	188	312249	20.000	ng/u1	0.00
79) Chrysene-d12	21.878	240	278490	20.000	ng/u1	0.00
88) Perylene-d12	25.321	264	323377	20.000	ng/u1	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.482	96	42301	27.810	ng/uL	0.00
4) Pyridine-d5	3.916	84	485366	93.449	ng/u1	0.00
7) Phenol-d5	7.324	99	435721	91.641	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.518	67	236292	86.701	ng/u1	0.01
11) 2-Chlorophenol-d4	7.712	132	313793	82.623	ng/u1	0.01
15) 4-Methylphenol-d8	8.893	113	328192	80.122	ng/u1	0.01
21) Nitrobenzene-d5	9.398	128	164398	74.181	ng/u1	0.01
24) 2-Nitrophenol-d4	10.115	143	184729	84.684	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.638	165	324240	80.341	ng/u1	0.00
31) 4-Chloroaniline-d4	11.184	131	472435	78.835	ng/u1	0.01
46) Dimethylphthalate-d6	14.234	166	944489	70.120	ng/u1	0.01
49) Acenaphthylene-d8	14.533	160	1147932	74.030	ng/u1	0.00
54) 4-Nitrophenol-d4	15.039	143	175902	79.611	ng/u1	0.02
60) Fluorene-d10	15.820	176	854779	74.320	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.944	200	180247	85.831	ng/u1	0.02
73) Anthracene-d10	17.683	188	1273433	74.060	ng/u1	0.00
81) Pyrene-d10	19.956	212	1382342	75.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.092	264	1431381	77.350	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.517	88	48251	27.597	ng/uL#	92
5) Pyridine	3.934	79	493406	91.699	ng/u1	96
6) Benzaldehyde	7.336	77	174242	81.397	ng/u1	95
8) Phenol	7.354	94	420724	89.496	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.612	93	320703	79.025	ng/u1	97
12) 2-Chlorophenol	7.747	128	315298	82.340	ng/u1	96
13) 2-Methylphenol	8.623	108	312655	78.251	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.699	45	464437	51.352	ng/u1	99
16) Acetophenone	9.040	105	484276	78.313	ng/u1	91
17) N-Nitroso-di-n-propyla...	9.016	70	230411	71.722	ng/u1	95
18) 4-Methylphenol	8.963	108	342302	79.250	ng/u1	99
19) Hexachloroethane	9.275	117	117458	74.561	ng/u1	92
22) Nitrobenzene	9.439	77	345659	67.745	ng/u1	89
23) Isophorone	9.951	82	710598	72.610	ng/u1	97
25) 2-Nitrophenol	10.144	139	181785	79.172	ng/u1	93
26) 2,4-Dimethylphenol	10.174	107	338849	77.701	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.426	93	434709	71.470	ng/u1	98
29) 2,4-Dichlorophenol	10.667	162	311113	76.697	ng/u1	98
30) Naphthalene	11.085	128	1083225	75.906	ng/u1	97
32) 4-Chloroaniline	11.208	127	448759	78.926	ng/u1	90
33) Hexachlorobutadiene	11.314	225	190810	73.335	ng/u1	96
34) Caprolactam	12.007	113	51017	39.778	ng/u1	94
35) 4-Chloro-3-methylphenol	12.295	107	311378	78.094	ng/u1	92
36) 2-Methylnaphthalene	12.671	142	699389	74.257	ng/u1	98

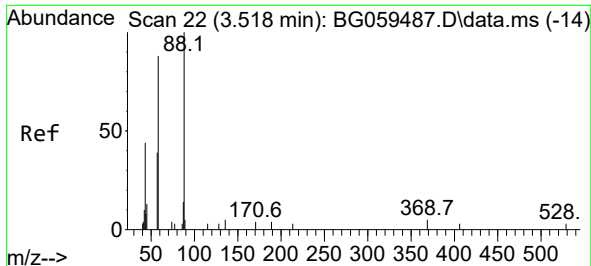
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.894	142	719876	74.992	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	13.023	216	364445	77.979	ng/ul	98
40) Hexachlorocyclopentadiene	12.971	237	234312	89.942	ng/ul	97
41) 2,4,6-Trichlorophenol	13.264	196	240213	83.730	ng/ul	95
42) 2,4,5-Trichlorophenol	13.341	196	263452	80.299	ng/ul	94
43) 1,1'-Biphenyl	13.670	154	987913	76.018	ng/ul	96
44) 2-Chloronaphthalene	13.723	162	756507	74.038	ng/ul	99
45) 2-Nitroaniline	13.946	65	234992	70.541	ng/ul	92
47) Dimethylphthalate	14.281	163	920780	69.241	ng/ul	99
48) 2,6-Dinitrotoluene	14.428	165	194768	74.403	ng/ul	99
50) Acenaphthylene	14.569	152	1196965	71.690	ng/ul	99
51) 3-Nitroaniline	14.768	138	201687	79.934	ng/ul#	71
52) Acenaphthene	14.898	153	817678	76.004	ng/ul	99
53) 2,4-Dinitrophenol	14.962	184	124076	93.439	ng/ul#	85
55) 4-Nitrophenol	15.050	109	124920	81.831	ng/ul	94
56) Dibenzofuran	15.233	168	1081949	74.586	ng/ul	95
57) 2,4-Dinitrotoluene	15.209	165	271963	75.919	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.444	232	234395	79.738	ng/ul#	98
59) Diethylphthalate	15.626	149	879136	72.436	ng/ul	100
61) Fluorene	15.879	166	903106	74.377	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.861	204	445853	71.970	ng/ul	95
63) 4-Nitroaniline	15.938	138	184814	76.225	ng/ul#	87
66) 4,6-Dinitro-2-methylph...	15.961	198	190368	85.477	ng/ul#	89
67) N-Nitrosodiphenylamine	16.085	169	740822	76.789	ng/ul	96
68) 4-Bromophenyl-phenylether	16.760	248	267730	76.018	ng/ul	98
69) Hexachlorobenzene	16.848	284	302718	75.883	ng/ul	95
70) Atrazine	17.019	200	273418	79.470	ng/ul	96
71) Pentachlorophenol	17.207	266	197022	88.690	ng/ul	91
72) Phenanthrene	17.630	178	1494864	73.360	ng/ul	97
74) Anthracene	17.718	178	1553262	74.041	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.629	216	376201	81.895	ng/ul	97
76) Pentachlorobenzene	15.127	250	351425	78.108	ng/ul	96
77) Carbazole	17.994	167	1306061	77.679	ng/ul	96
78) Di-n-butylphthalate	18.499	149	1532847	74.695	ng/ul	99
80) Fluoranthene	19.622	202	1712187	75.979	ng/ul	99
82) Pyrene	19.992	202	1761229	74.147	ng/ul	98
83) Butylbenzylphthalate	20.838	149	672046	81.514	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.772	252	596373	79.820	ng/ul#	95
85) Benzo(a)anthracene	21.860	228	1734207	75.233	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.684	149	976575	81.186	ng/ul	99
87) Chrysene	21.931	228	1607493	74.601	ng/ul	99
89) Di-n-octyl phthalate	22.965	149	1666140	85.279	ng/ul	100
90) Benzo(b)fluoranthene	24.216	252	1730464	75.158	ng/ul	100
91) Benzo(k)fluoranthene	24.293	252	1820807	76.490	ng/ul	99
93) Benzo(a)pyrene	25.174	252	1690196	77.063	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	29.322	276	1944621	77.728	ng/ul	94
95) Dibenzo(a,h)anthracene	29.398	278	1588233	78.210	ng/ul	97
96) Benzo(g,h,i)perylene	30.603	276	1555588	73.979	ng/ul	95

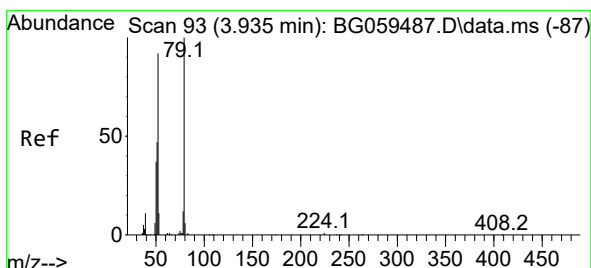
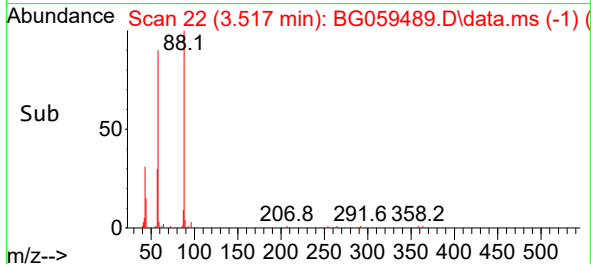
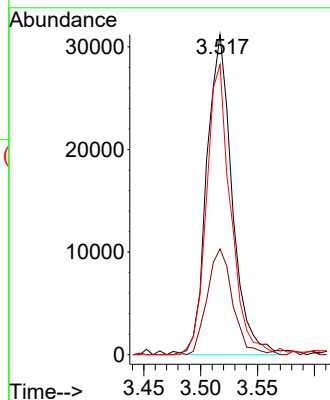
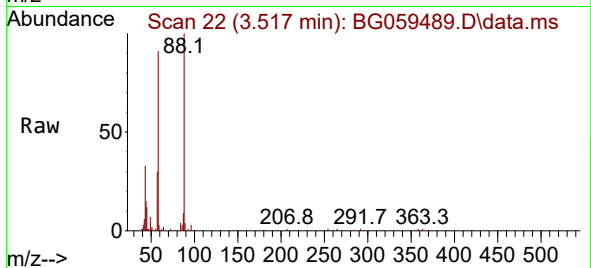
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#2
1,4-Dioxane
Concen: 27.597 ng/uL
RT: 3.517 min Scan# 21
Delta R.T. -0.001 min
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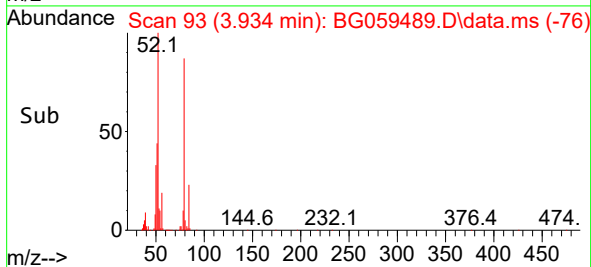
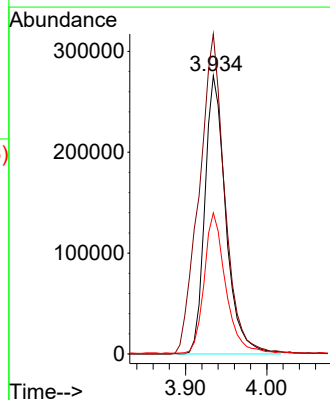
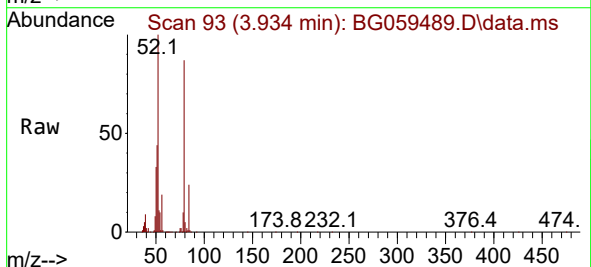
Instrument :
BNA_G
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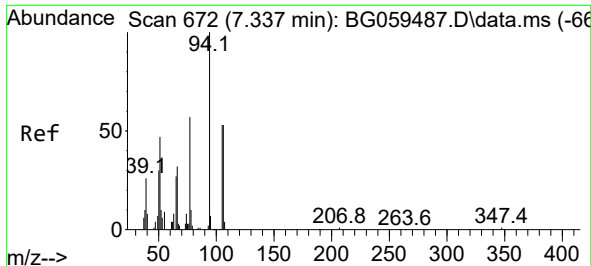
Tgt Ion: 88 Resp: 48251
Ion Ratio Lower Upper
88 100
43 33.0 35.5 53.3#
58 90.7 70.4 105.6



#5
Pyridine
Concen: 91.699 ng/uL
RT: 3.934 min Scan# 93
Delta R.T. -0.001 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion: 79 Resp: 493406
Ion Ratio Lower Upper
79 100
52 115.0 87.8 131.8
51 50.7 38.6 58.0

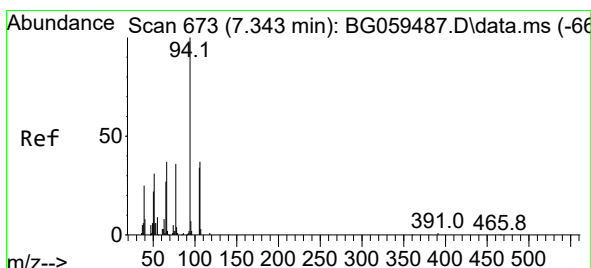
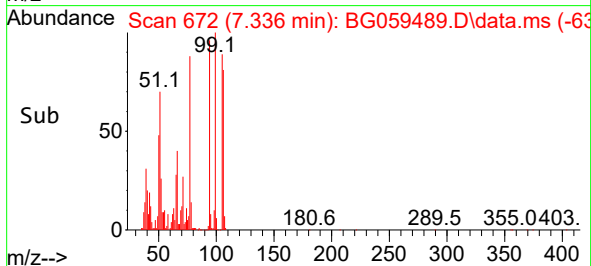
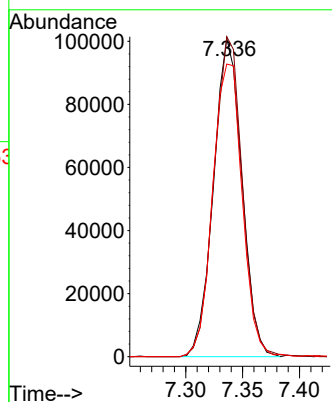
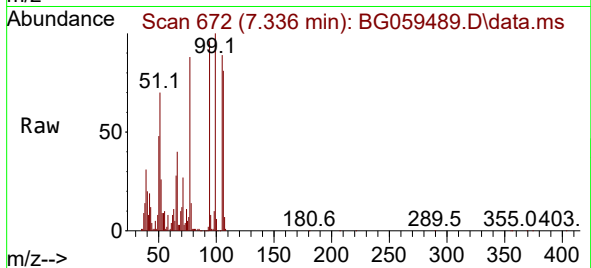




#6
Benzaldehyde
Concen: 81.397 ng/ul
RT: 7.336 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

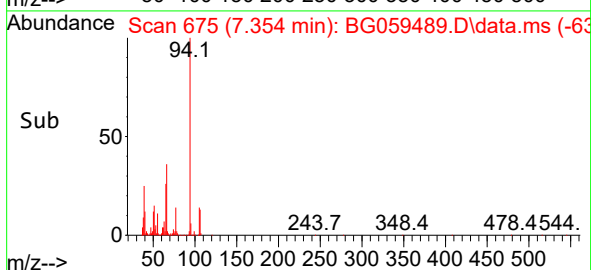
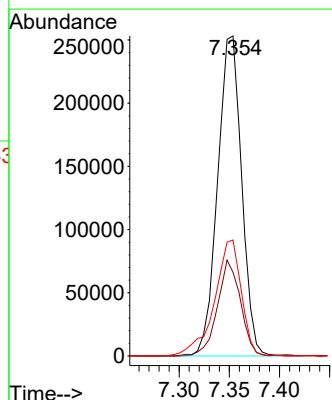
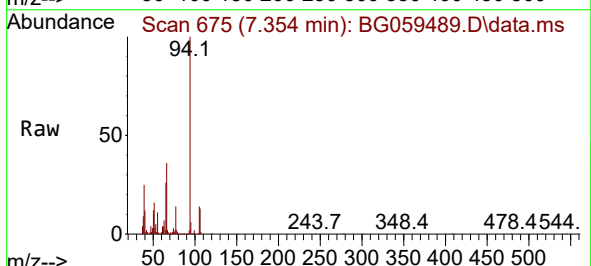
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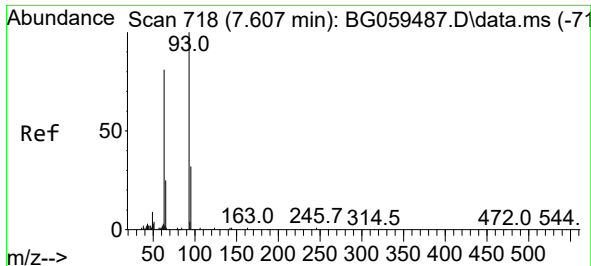
Tgt Ion: 77 Resp: 174242
Ion Ratio Lower Upper
77 100
105 100.6 76.2 114.4
106 92.0 77.3 115.9



#8
Phenol
Concen: 89.496 ng/ul
RT: 7.354 min Scan# 675
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion: 94 Resp: 420724
Ion Ratio Lower Upper
94 100
65 26.2 21.9 32.9
66 36.2 31.1 46.7





#10

Bis(2-Chloroethyl)ether

Concen: 79.025 ng/ul

RT: 7.612 min Scan# 719

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

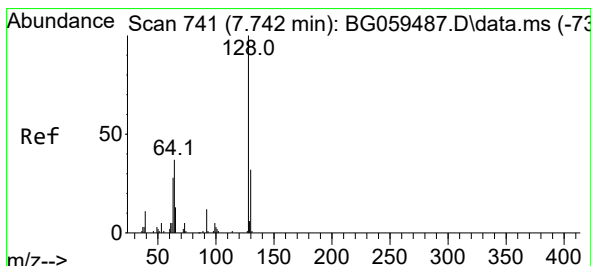
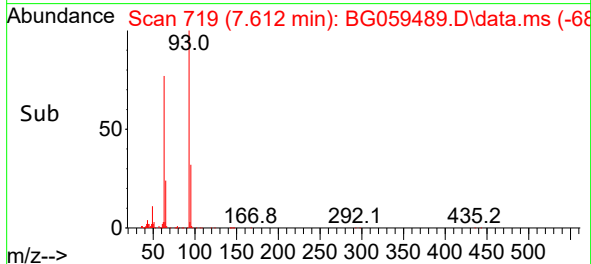
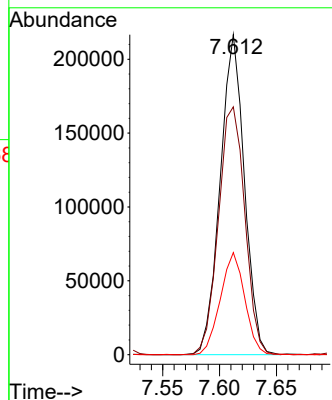
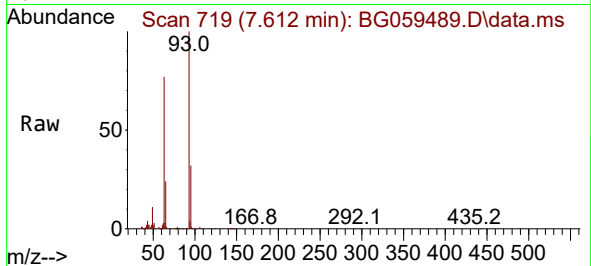
Tgt Ion: 93 Resp: 320703

Ion Ratio Lower Upper

93 100

63 77.5 65.1 97.7

95 31.9 25.6 38.4



#12

2-Chlorophenol

Concen: 82.340 ng/ul

RT: 7.747 min Scan# 742

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

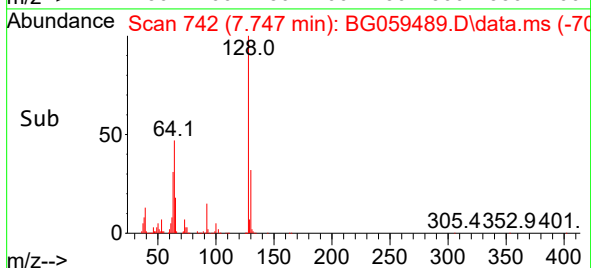
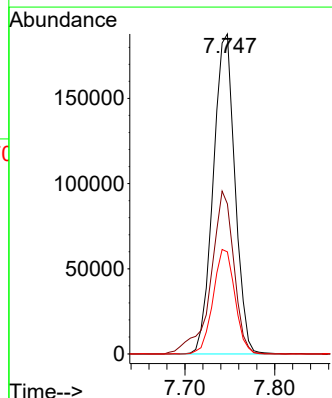
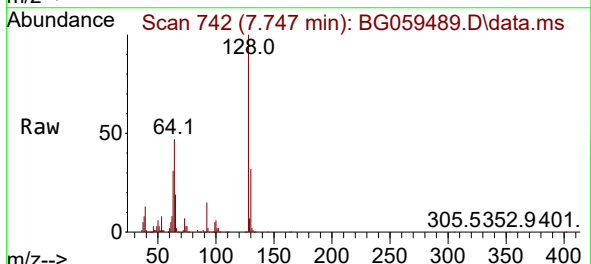
Tgt Ion:128 Resp: 315298

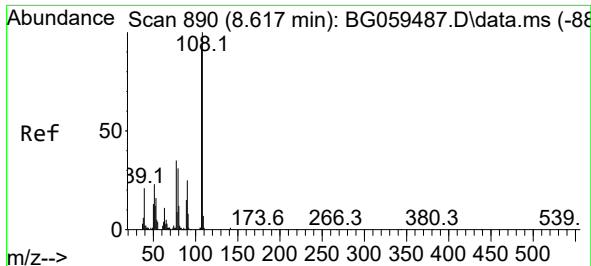
Ion Ratio Lower Upper

128 100

64 46.9 34.3 51.5

130 31.9 25.8 38.8

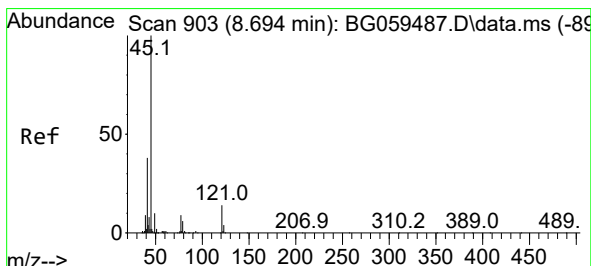
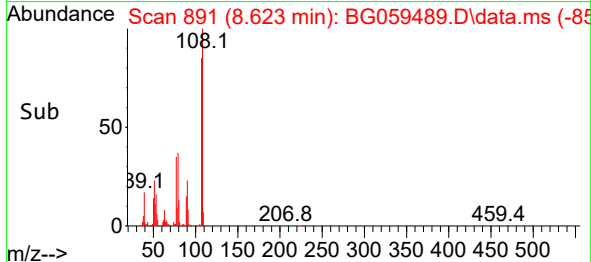
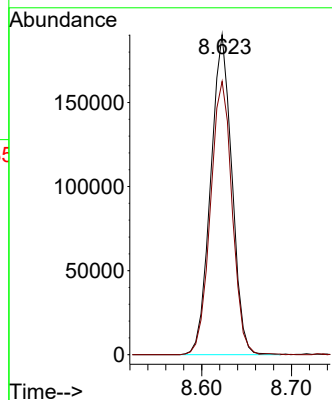
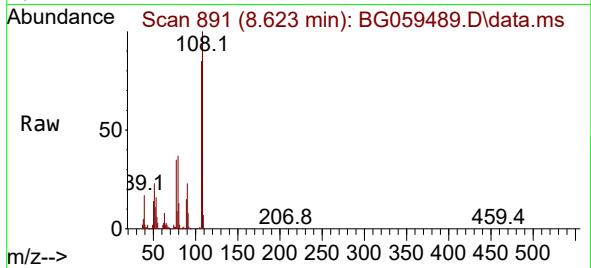




#13
2-Methylphenol
Concen: 78.251 ng/ul
RT: 8.623 min Scan# 890
Delta R.T. 0.005 min
Lab File: BG059489.D
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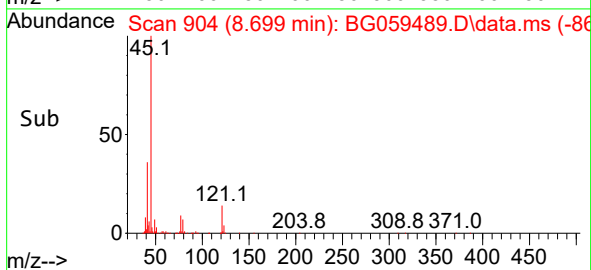
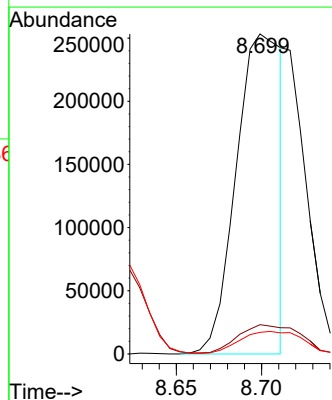
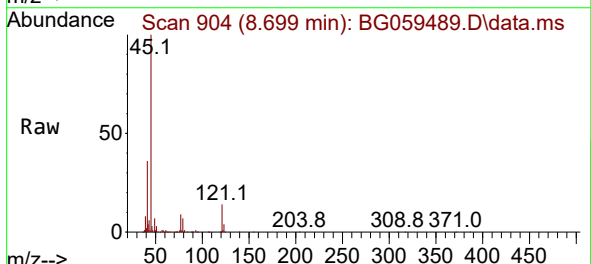
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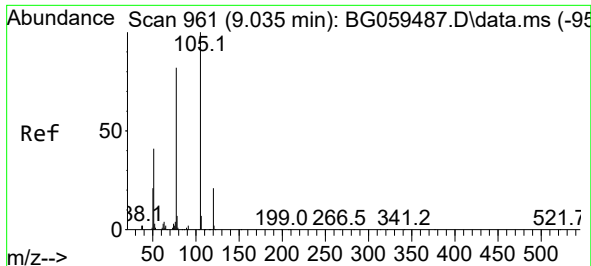
Tgt Ion:108 Resp: 312655
Ion Ratio Lower Upper
108 100
107 85.4 74.0 111.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 51.352 ng/ul
RT: 8.699 min Scan# 904
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion: 45 Resp: 464437
Ion Ratio Lower Upper
45 100
77 9.2 7.6 11.4
79 6.8 5.8 8.8

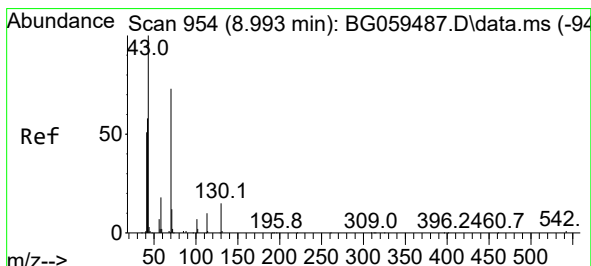
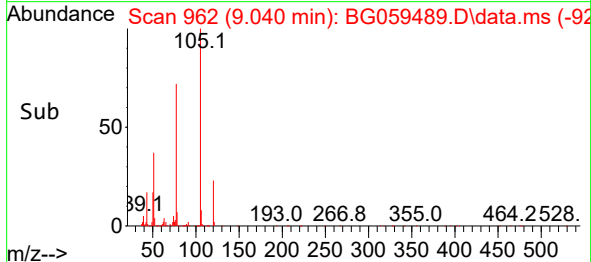
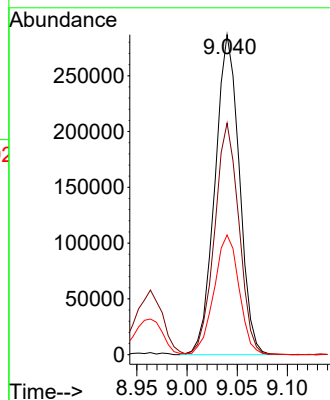
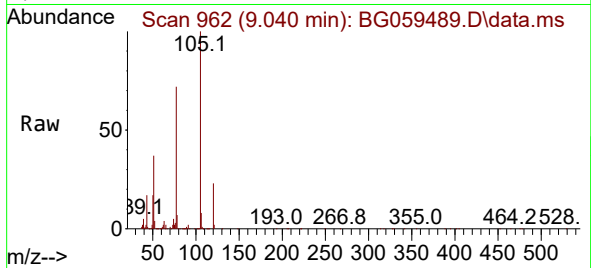




#16
Acetophenone
Concen: 78.313 ng/ul
RT: 9.040 min Scan# 90
Delta R.T. 0.005 min
Lab File: BG059489.D
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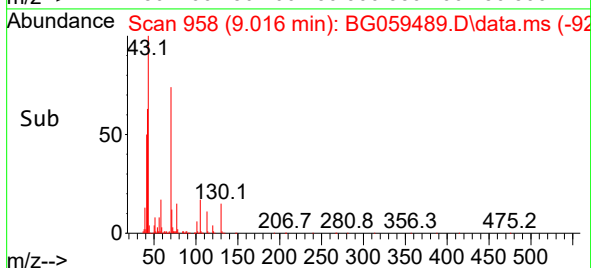
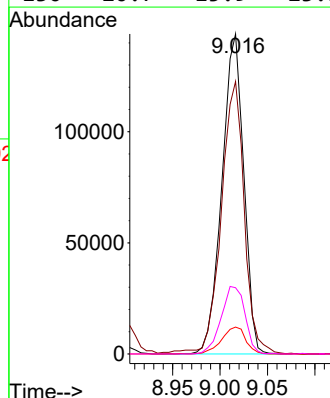
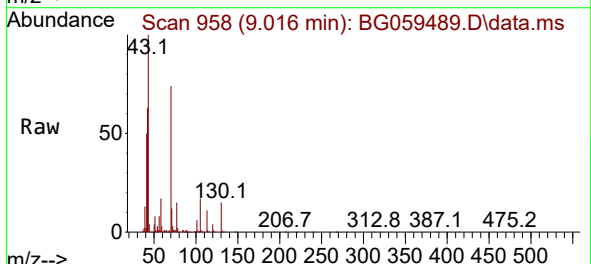
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SSTD080431

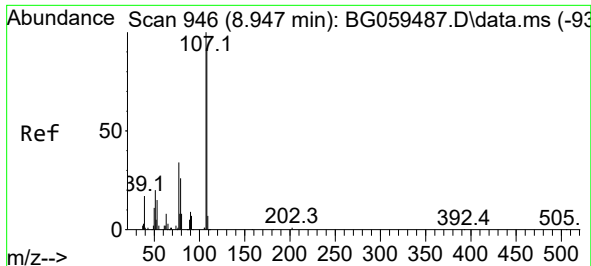
Tgt Ion:105 Resp: 484276
Ion Ratio Lower Upper
105 100
77 72.4 65.3 97.9
51 37.4 33.4 50.0



#17
N-Nitroso-di-n-propylamine
Concen: 71.722 ng/ul
RT: 9.016 min Scan# 958
Delta R.T. 0.023 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion: 70 Resp: 230411
Ion Ratio Lower Upper
70 100
42 85.2 63.5 95.3
101 8.4 7.3 10.9
130 20.7 15.9 23.9

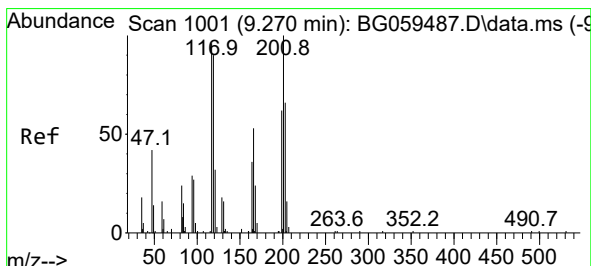
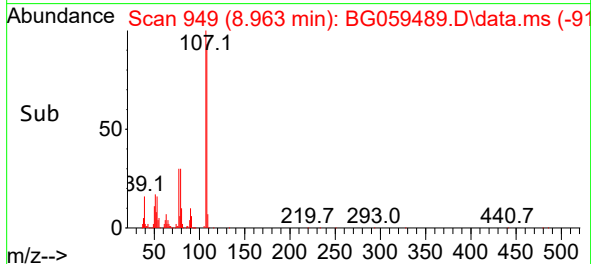
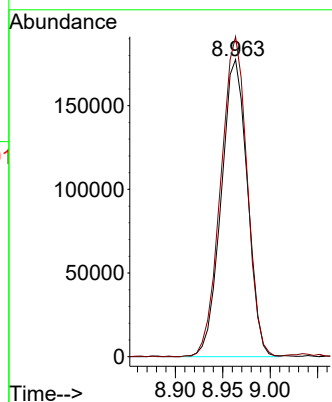
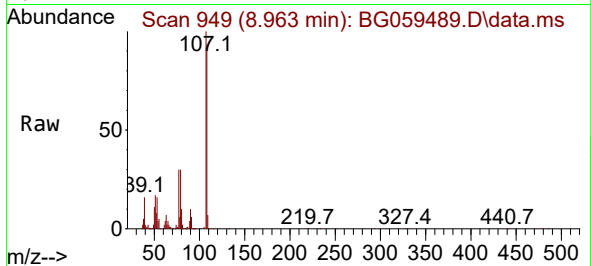




#18
4-Methylphenol
Concen: 79.250 ng/ul
RT: 8.963 min Scan# 946
Delta R.T. 0.017 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

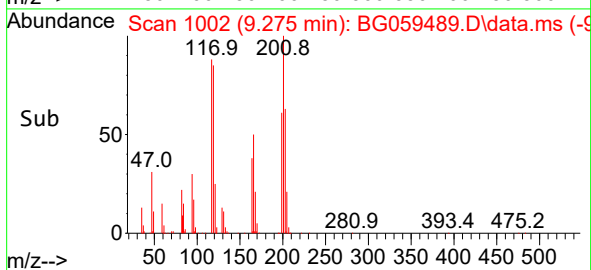
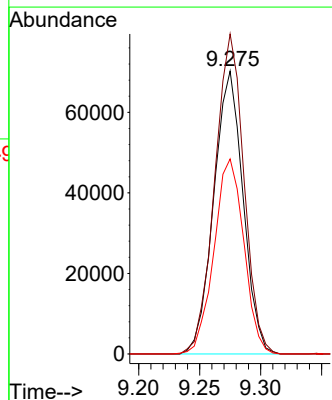
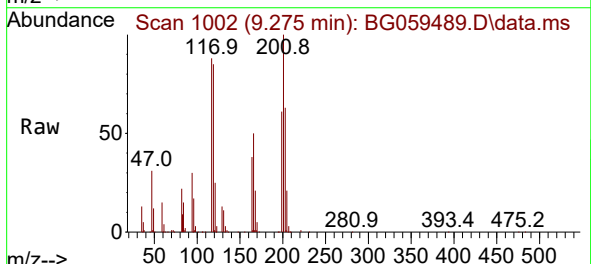
Instrument :
BNA_G
ClientSampleId :
SSTD080431

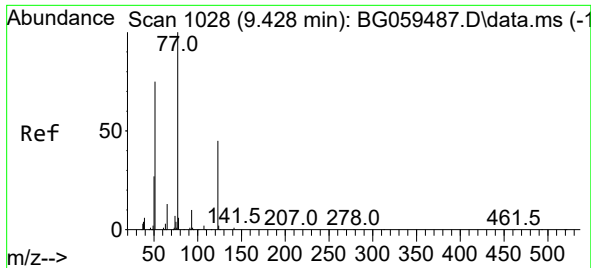
Tgt Ion:108 Resp: 342302
Ion Ratio Lower Upper
108 100
107 107.7 87.1 130.7



#19
Hexachloroethane
Concen: 74.561 ng/ul
RT: 9.275 min Scan# 1002
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:117 Resp: 117458
Ion Ratio Lower Upper
117 100
201 113.1 83.0 124.6
199 68.9 51.4 77.2

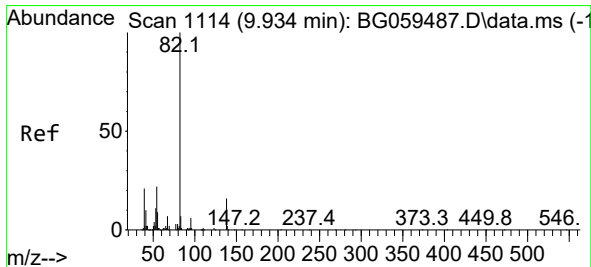
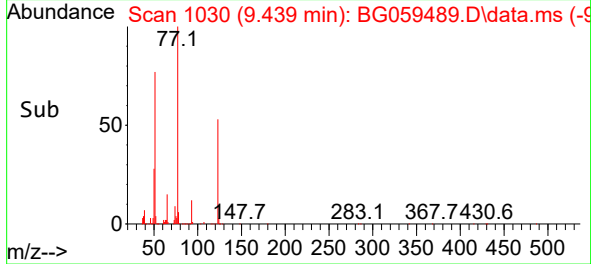
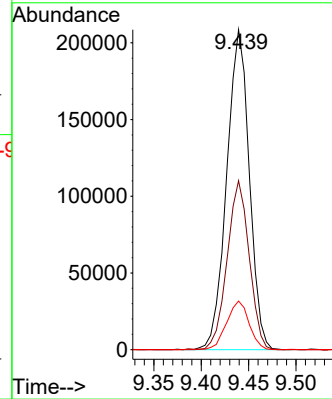
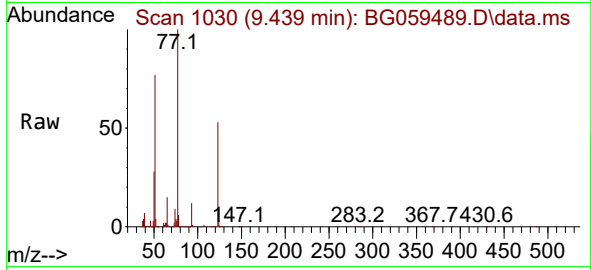




#22
Nitrobenzene
Concen: 67.745 ng/ul
RT: 9.439 min Scan# 1103
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

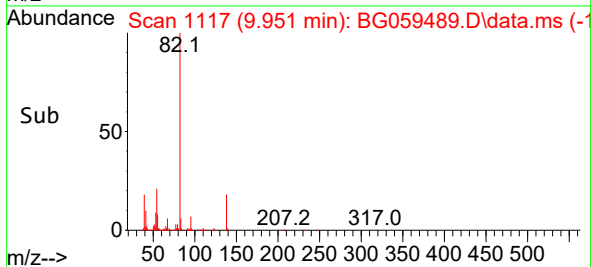
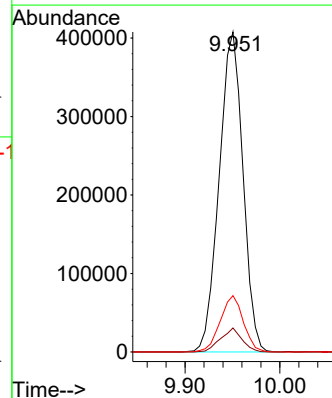
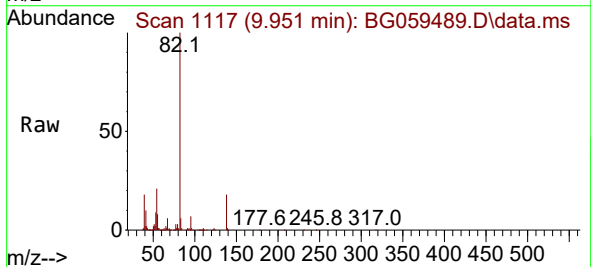
Instrument :
BNA_G
ClientSampleId :
SSTD080431

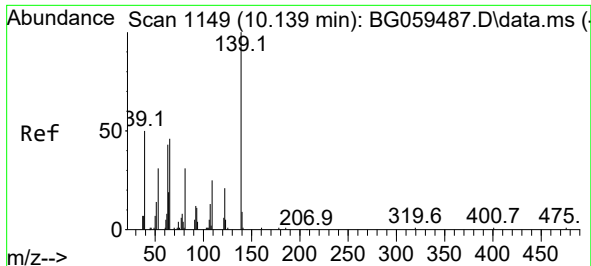
Tgt Ion: 77 Resp: 345659
Ion Ratio Lower Upper
77 100
123 52.8 35.6 53.4
65 15.2 10.2 15.4



#23
Isophorone
Concen: 72.610 ng/ul
RT: 9.951 min Scan# 1117
Delta R.T. 0.017 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion: 82 Resp: 710598
Ion Ratio Lower Upper
82 100
95 7.5 5.0 7.6
138 17.6 13.0 19.4

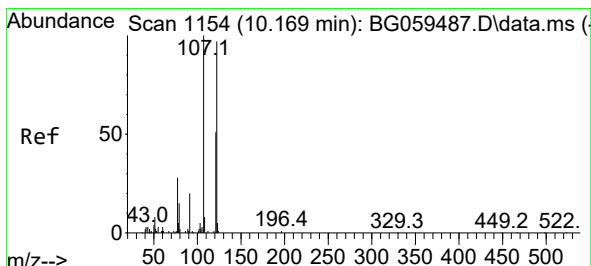
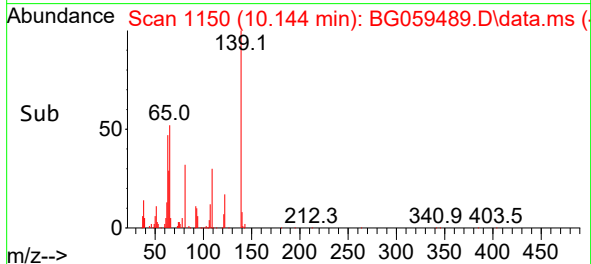
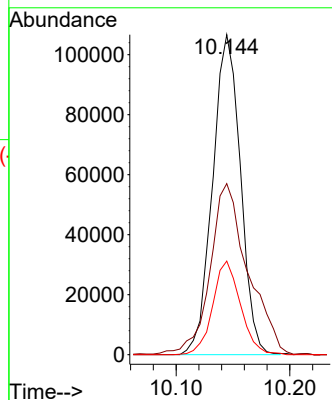
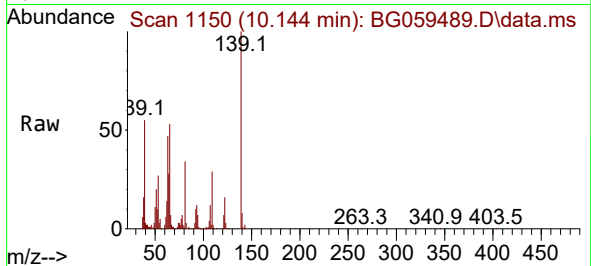




#25
2-Nitrophenol
Concen: 79.172 ng/ul
RT: 10.144 min Scan# 1150
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

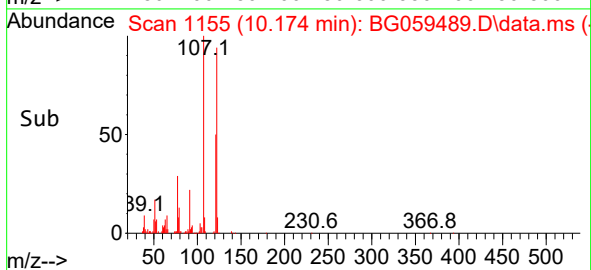
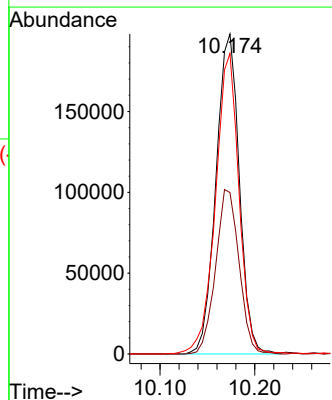
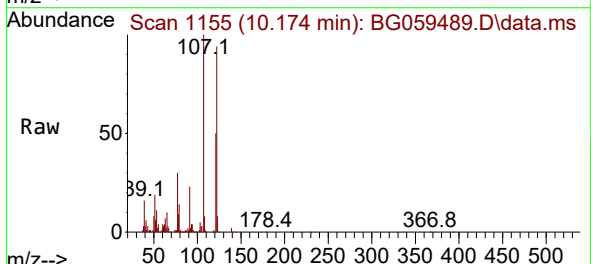
Instrument :
BNA_G
ClientSampleId :
SSTD080431

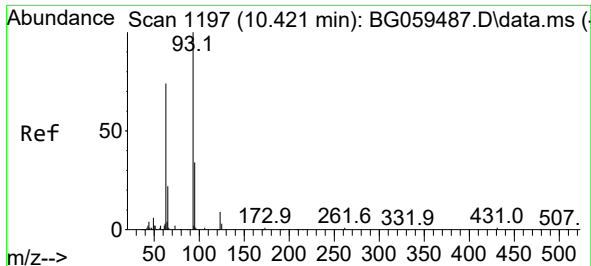
Tgt Ion:139 Resp: 181785
Ion Ratio Lower Upper
139 100
65 53.5 39.1 58.7
109 29.3 20.3 30.5



#26
2,4-Dimethylphenol
Concen: 77.701 ng/ul
RT: 10.174 min Scan# 1155
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:107 Resp: 338849
Ion Ratio Lower Upper
107 100
121 50.5 40.6 60.8
122 93.9 79.2 118.8





#27

Bis(2-Chloroethoxy)methane

Concen: 71.470 ng/ul

RT: 10.426 min Scan# 1197

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

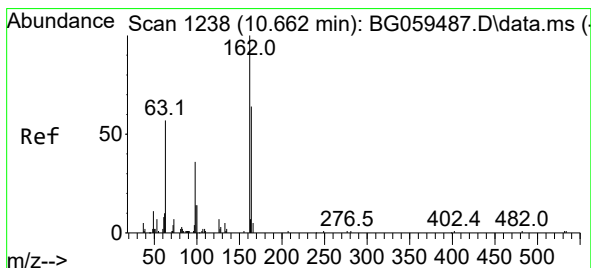
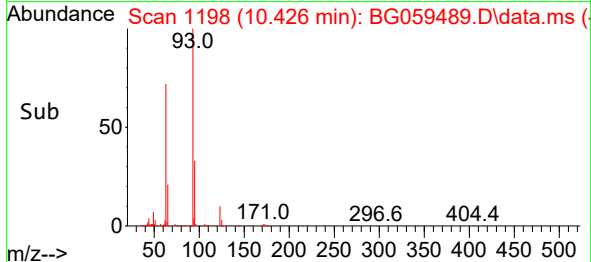
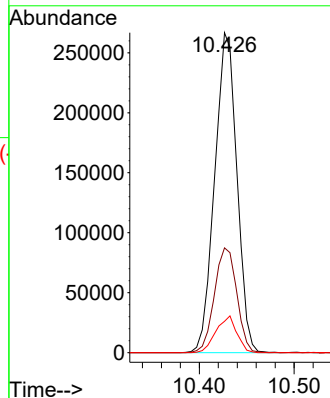
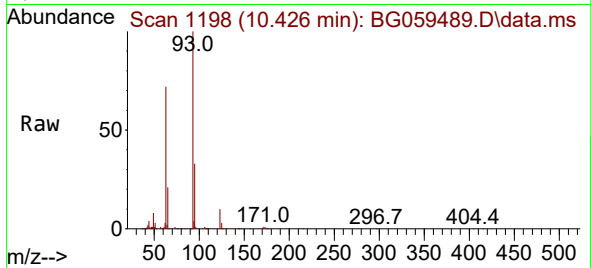
Tgt Ion: 93 Resp: 434709

Ion Ratio Lower Upper

93 100

95 32.7 27.2 40.8

123 9.8 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 76.697 ng/ul

RT: 10.667 min Scan# 1239

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

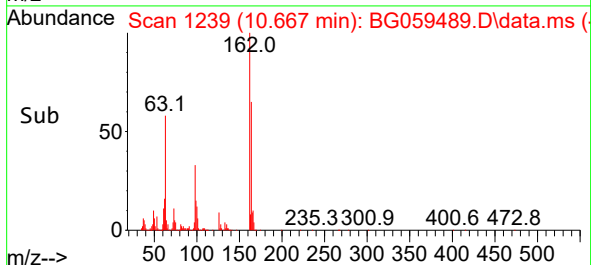
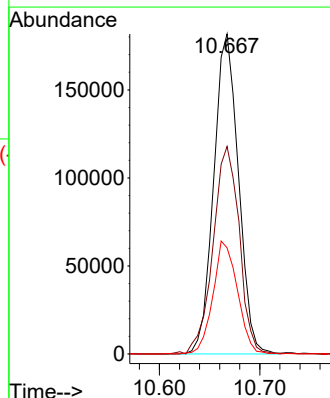
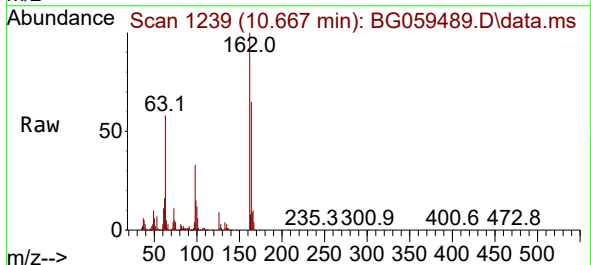
Tgt Ion:162 Resp: 311113

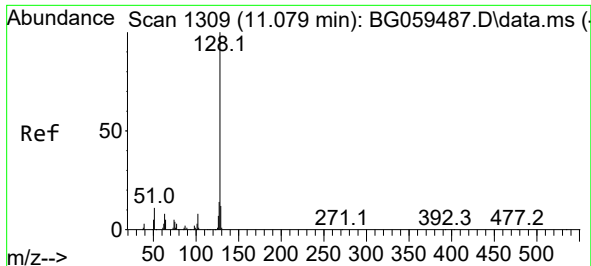
Ion Ratio Lower Upper

162 100

164 64.8 52.4 78.6

98 33.2 28.6 43.0

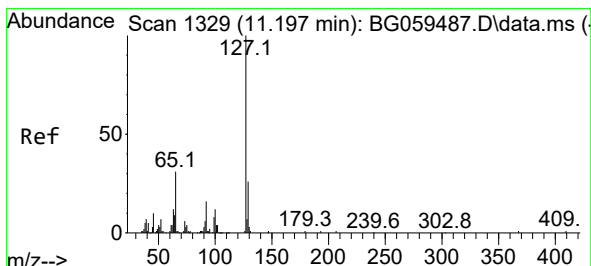
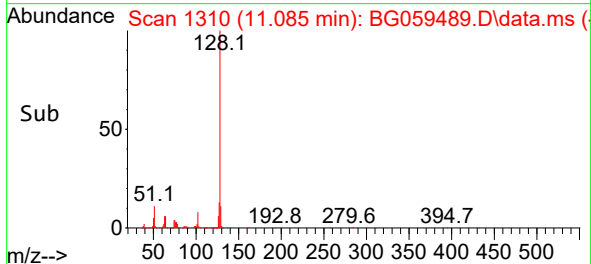
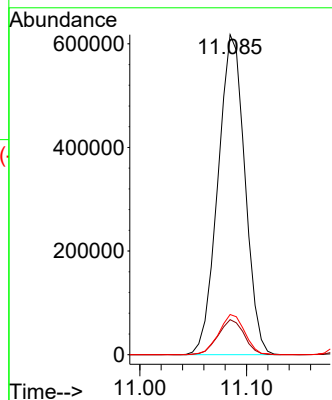
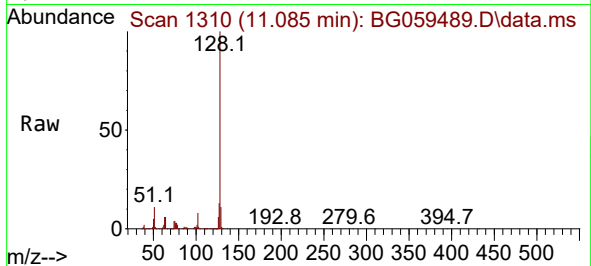




#30
Naphthalene
Concen: 75.906 ng/ul
RT: 11.085 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

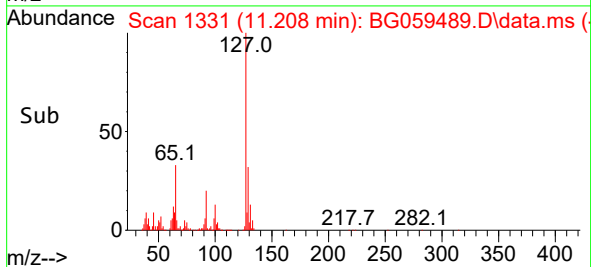
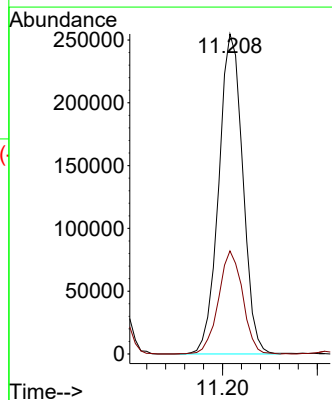
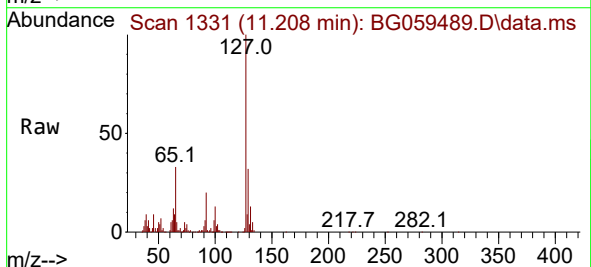
Instrument :
BNA_G
ClientSampleId :
SSTD080431

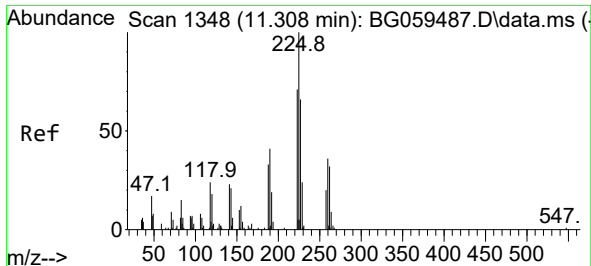
Tgt Ion:128 Resp: 1083225
Ion Ratio Lower Upper
128 100
129 11.0 9.6 14.4
127 12.6 11.0 16.6



#32
4-Chloroaniline
Concen: 78.926 ng/ul
RT: 11.208 min Scan# 1331
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:127 Resp: 448759
Ion Ratio Lower Upper
127 100
129 32.2 21.5 32.3

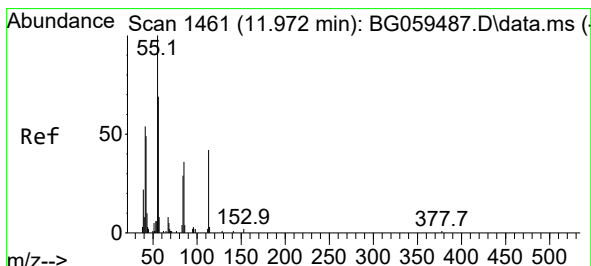
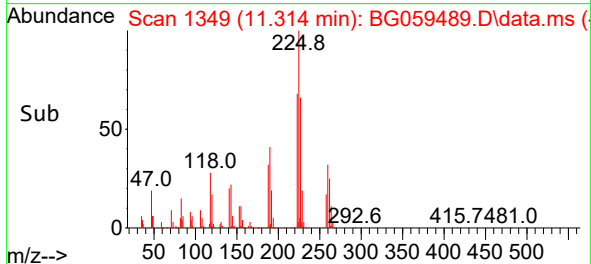
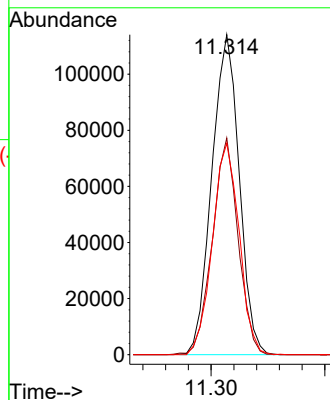
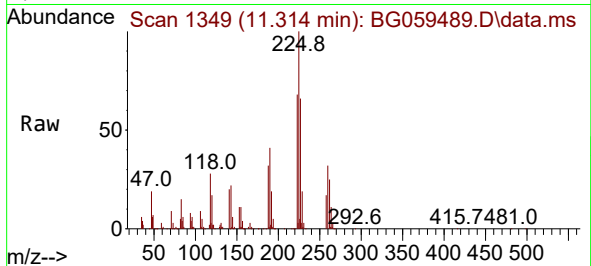




#33
Hexachlorobutadiene
Concen: 73.335 ng/ul
RT: 11.314 min Scan# 11
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

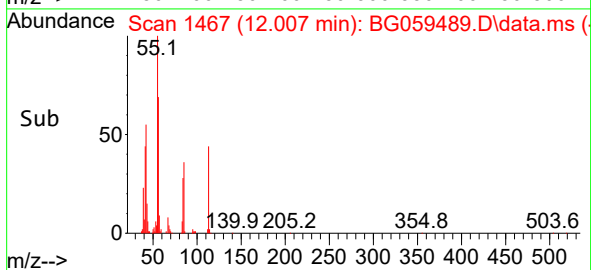
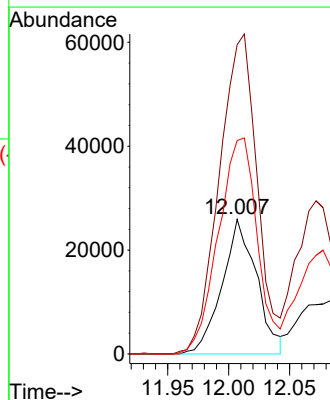
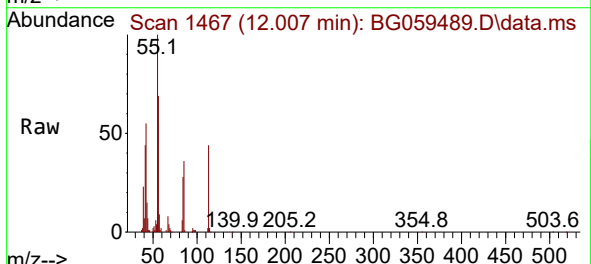
Instrument :
BNA_G
ClientSampleId :
SSTD080431

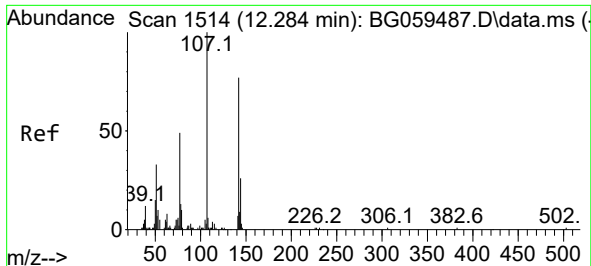
Tgt Ion:225 Resp: 190810
Ion Ratio Lower Upper
225 100
223 67.7 57.2 85.8
227 69.2 53.0 79.6



#34
Caprolactam
Concen: 39.778 ng/ul
RT: 12.007 min Scan# 1467
Delta R.T. 0.035 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:113 Resp: 51017
Ion Ratio Lower Upper
113 100
55 229.8 192.5 288.7
56 158.5 132.7 199.1

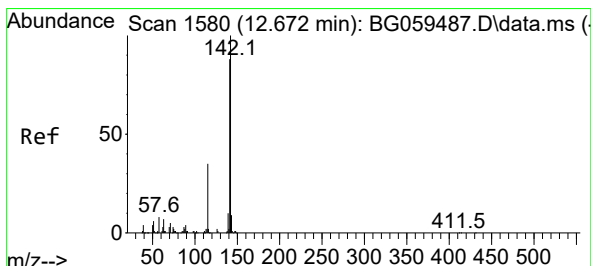
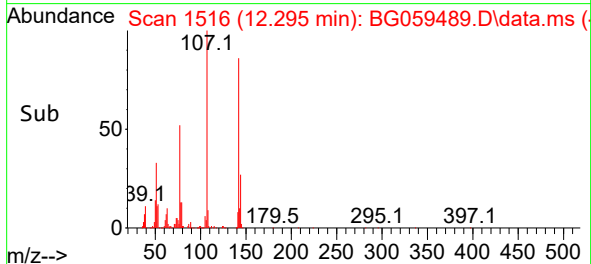
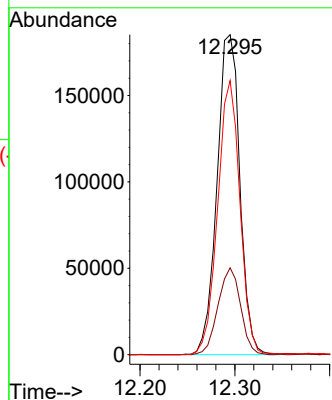
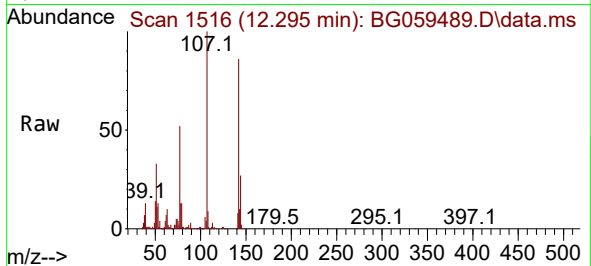




#35
4-Chloro-3-methylphenol
Concen: 78.094 ng/ul
RT: 12.295 min Scan# 1516
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

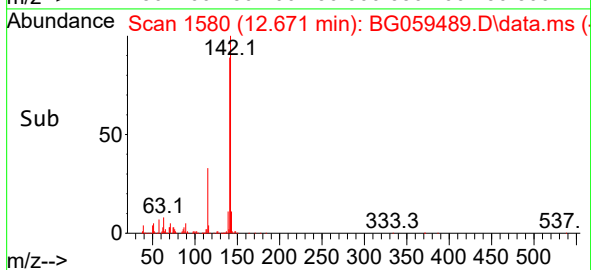
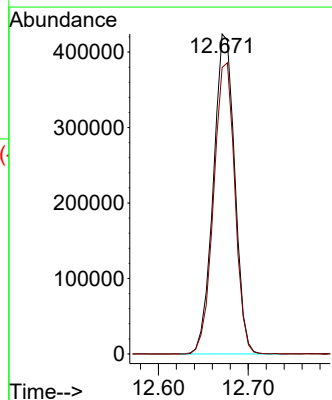
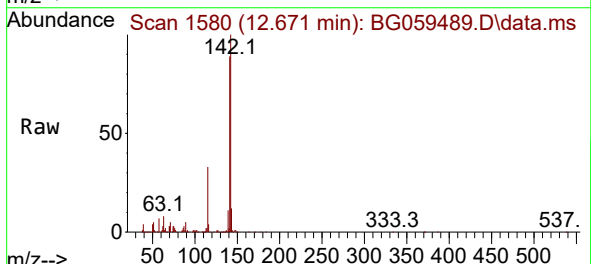
Instrument :
BNA_G
ClientSampleId :
SSTD080431

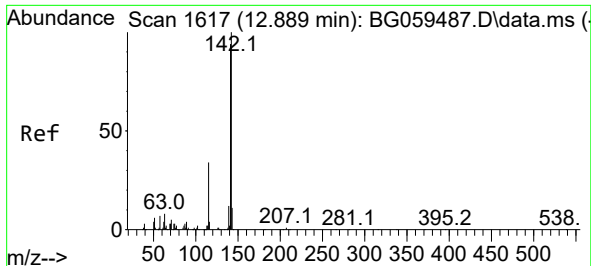
Tgt Ion:107 Resp: 311378
Ion Ratio Lower Upper
107 100
144 27.1 20.6 30.8
142 85.7 62.2 93.2



#36
2-Methylnaphthalene
Concen: 74.257 ng/ul
RT: 12.671 min Scan# 1580
Delta R.T. -0.001 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:142 Resp: 699389
Ion Ratio Lower Upper
142 100
141 89.5 70.2 105.2





#37

1-Methylnaphthalene

Concen: 74.992 ng/ul

RT: 12.894 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

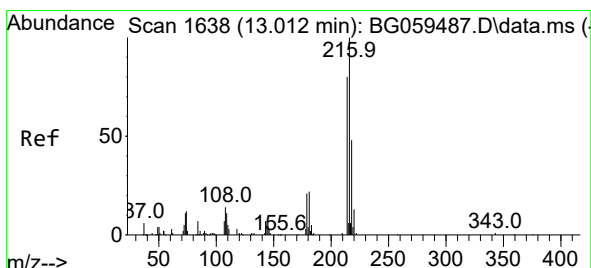
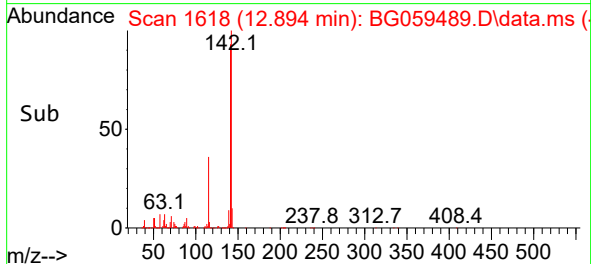
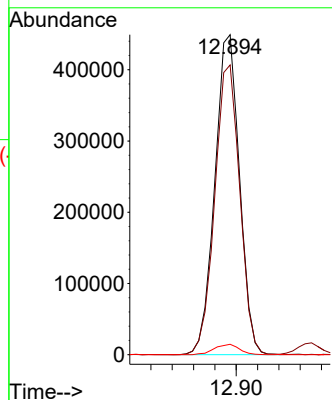
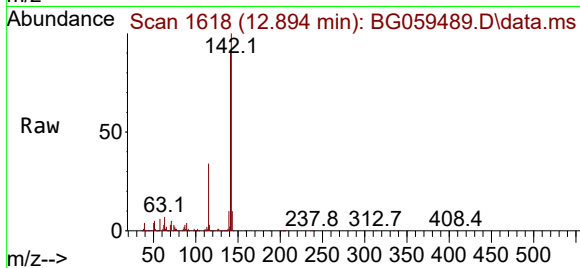
Tgt Ion:142 Resp: 719876

Ion Ratio Lower Upper

142 100

141 90.5 75.6 113.4

116 3.3 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 77.979 ng/ul

RT: 13.023 min Scan# 1640

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Tgt Ion:216 Resp: 364445

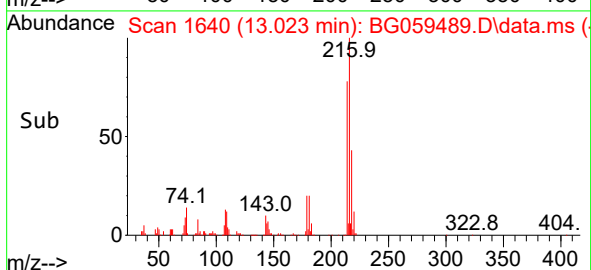
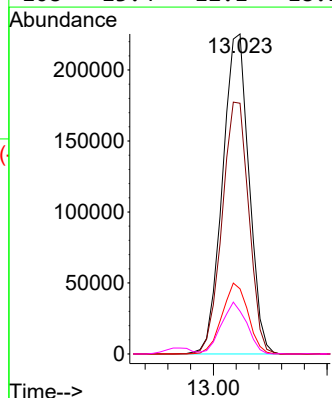
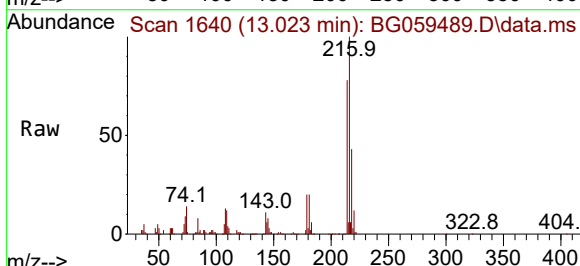
Ion Ratio Lower Upper

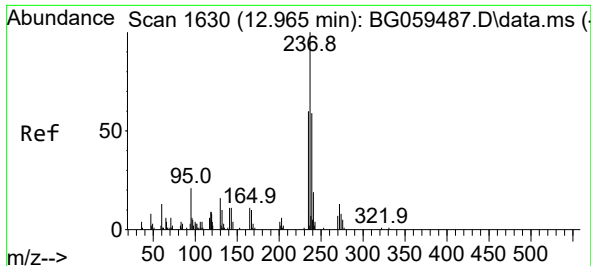
216 100

214 78.4 63.8 95.8

179 20.4 17.4 26.0

108 13.4 12.1 18.1

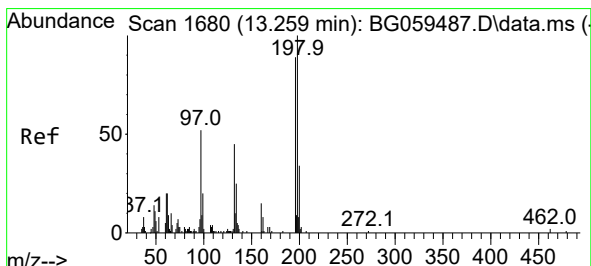
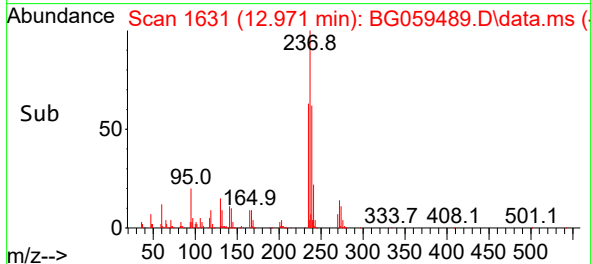
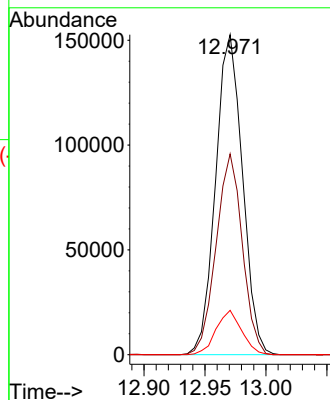
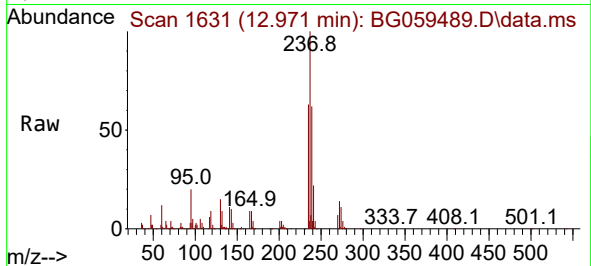




#40
Hexachlorocyclopentadiene
Concen: 89.942 ng/ul
RT: 12.971 min Scan# 1631
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

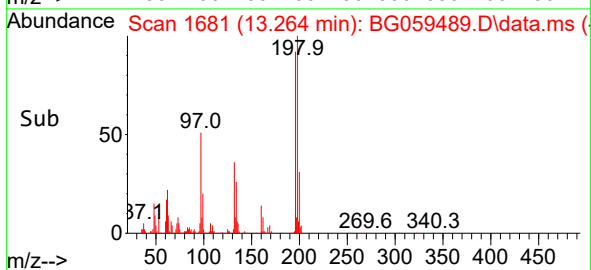
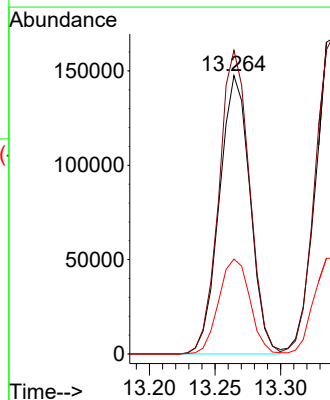
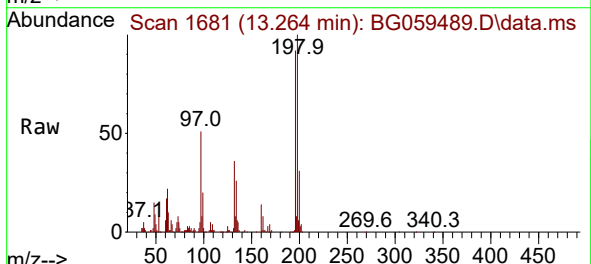
Instrument :
BNA_G
ClientSampleId :
SSTD080431

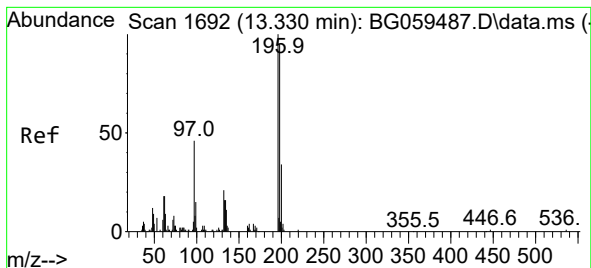
Tgt Ion:237 Resp: 234312
Ion Ratio Lower Upper
237 100
235 62.7 48.5 72.7
272 13.9 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 83.730 ng/ul
RT: 13.264 min Scan# 1681
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:196 Resp: 240213
Ion Ratio Lower Upper
196 100
198 109.1 91.1 136.7
200 34.1 31.0 46.6





#42

2,4,5-Trichlorophenol

Concen: 80.299 ng/ul

RT: 13.341 min Scan# 1

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

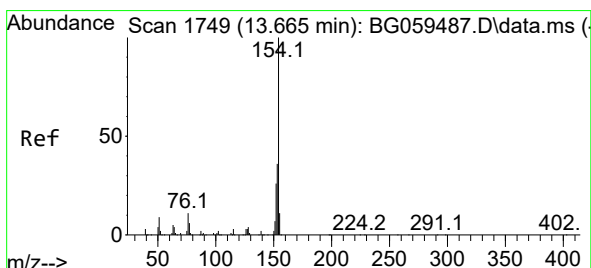
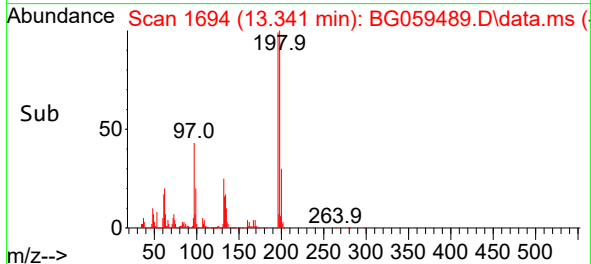
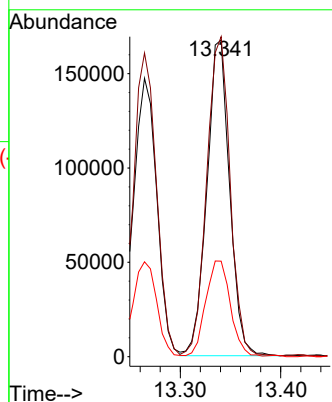
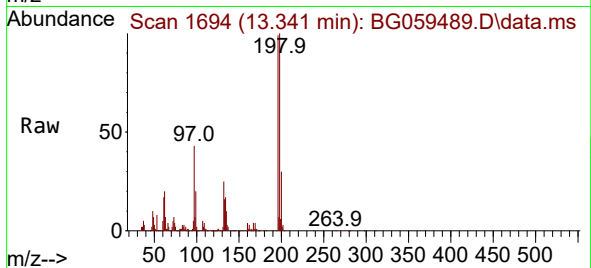
Tgt Ion:196 Resp: 263452

Ion Ratio Lower Upper

196 100

198 101.1 75.9 113.9

200 30.2 26.6 39.8



#43

1,1'-Biphenyl

Concen: 76.018 ng/ul

RT: 13.670 min Scan# 1750

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

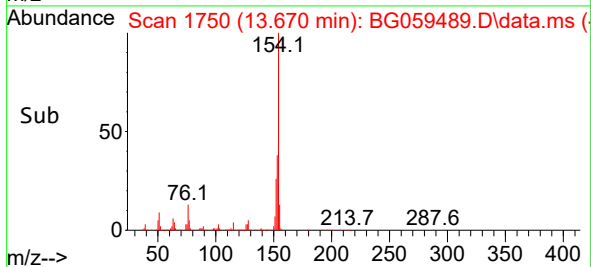
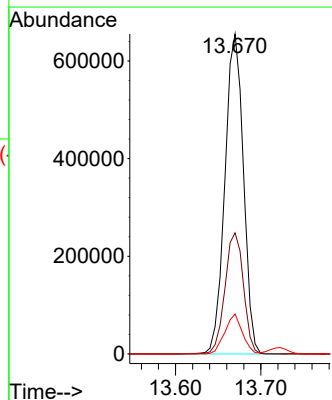
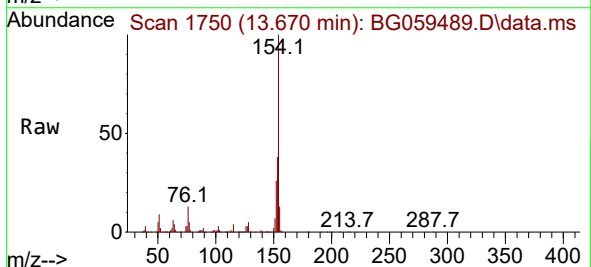
Tgt Ion:154 Resp: 987913

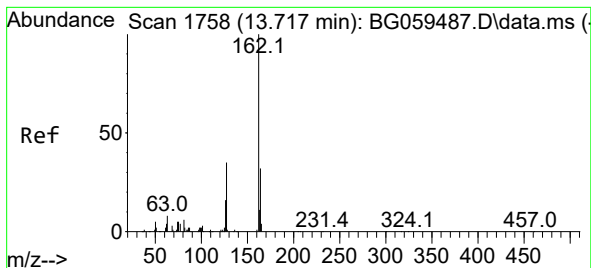
Ion Ratio Lower Upper

154 100

153 37.9 28.5 42.7

76 12.5 9.1 13.7





#44

2-Chloronaphthalene

Concen: 74.038 ng/ul

RT: 13.723 min Scan# 1

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

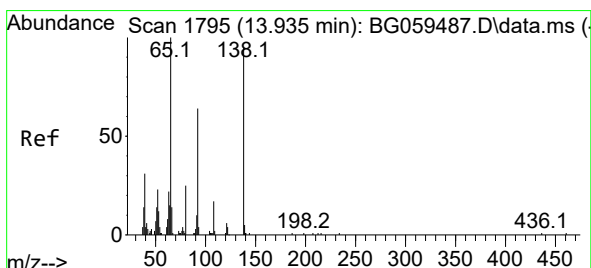
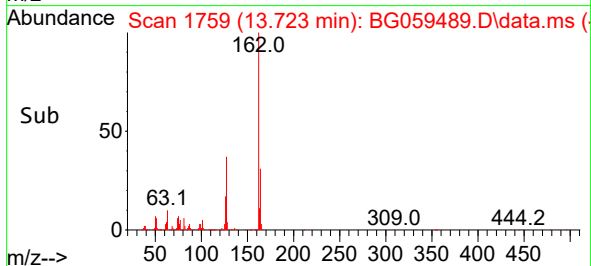
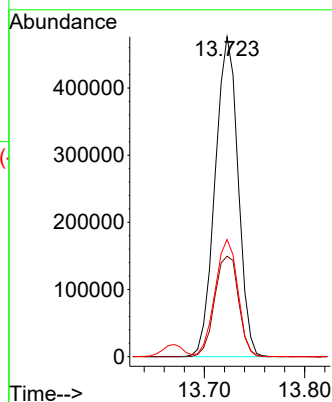
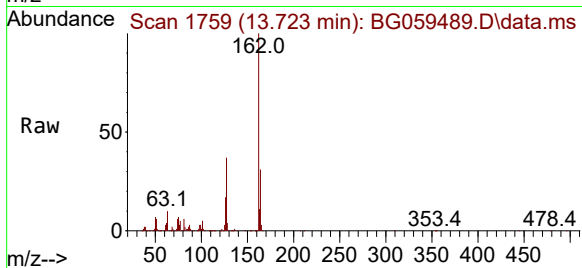
Tgt Ion:162 Resp: 756507

Ion Ratio Lower Upper

162 100

164 31.4 25.5 38.3

127 36.6 28.6 43.0



#45

2-Nitroaniline

Concen: 70.541 ng/ul

RT: 13.946 min Scan# 1797

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

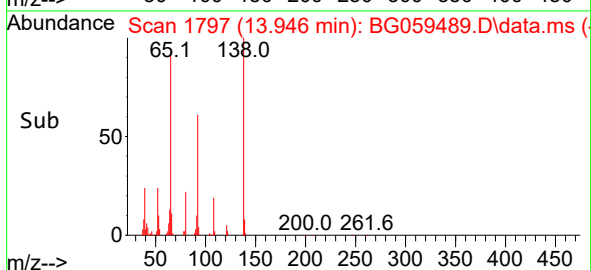
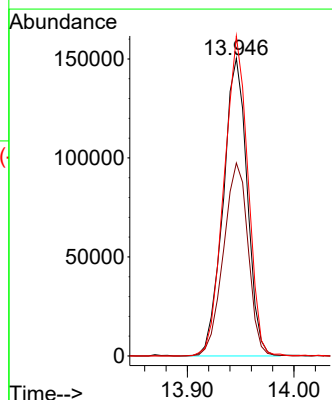
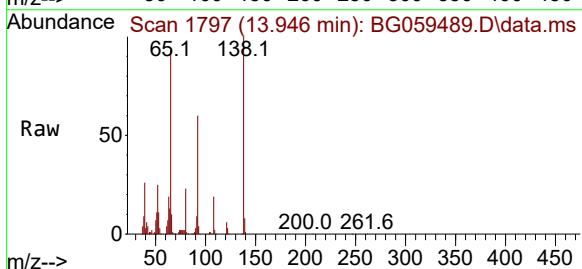
Tgt Ion: 65 Resp: 234992

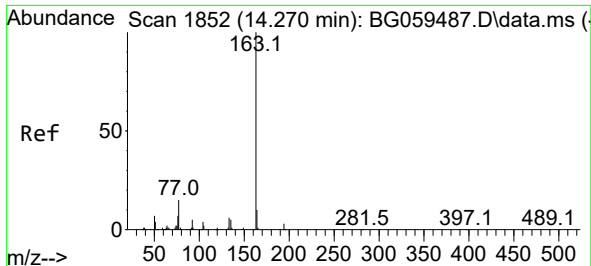
Ion Ratio Lower Upper

65 100

92 64.8 50.9 76.3

138 107.5 76.0 114.0

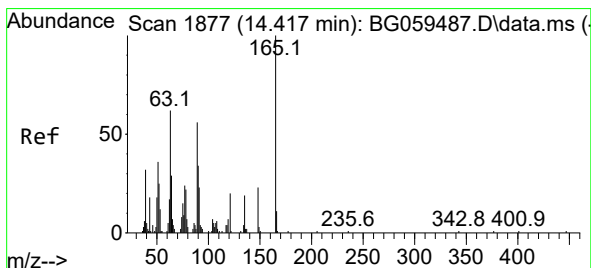
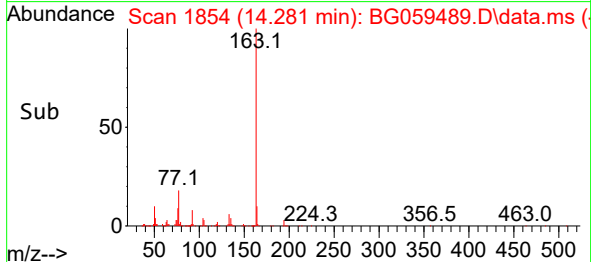
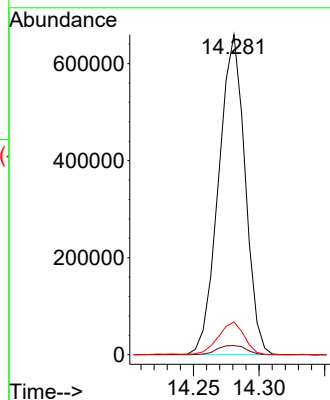
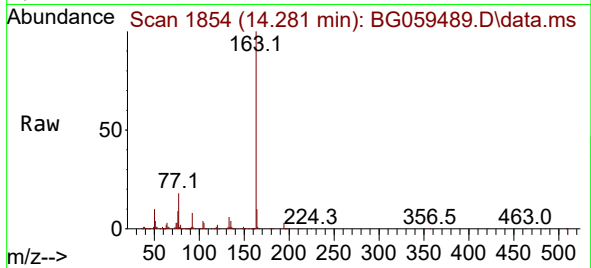




#47
Dimethylphthalate
Concen: 69.241 ng/ul
RT: 14.281 min Scan# 1854
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

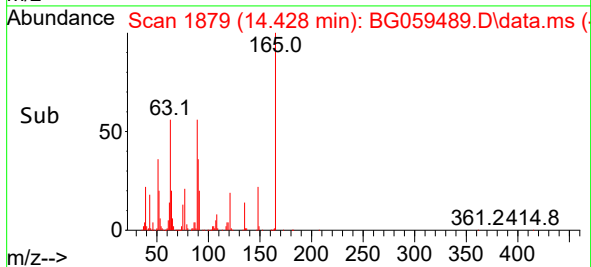
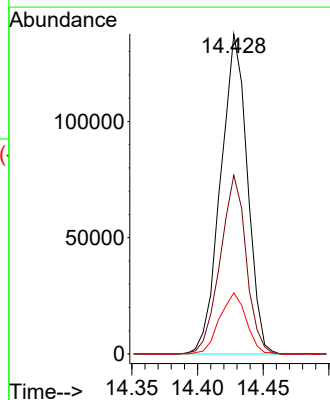
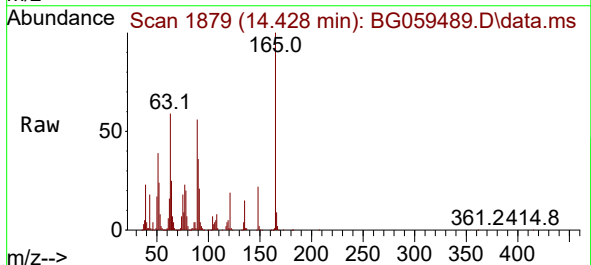
Instrument :
BNA_G
ClientSampleId :
SSTD080431

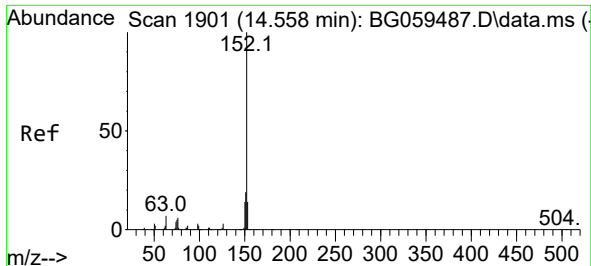
Tgt Ion:163 Resp: 920780
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 10.3 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 74.403 ng/ul
RT: 14.428 min Scan# 1879
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:165 Resp: 194768
Ion Ratio Lower Upper
165 100
89 55.9 45.0 67.6
121 19.1 16.2 24.2

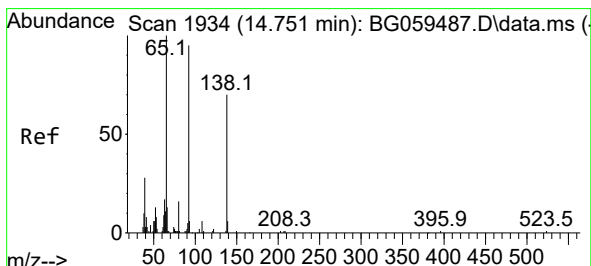
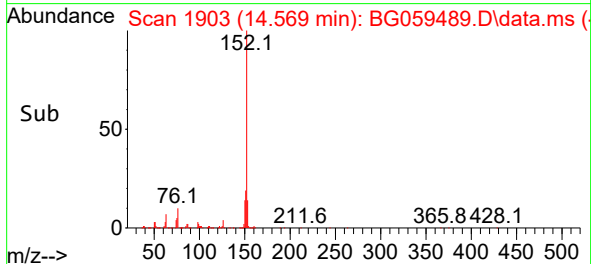
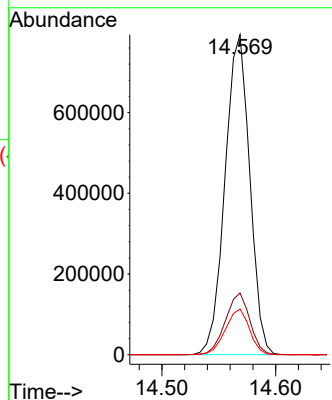
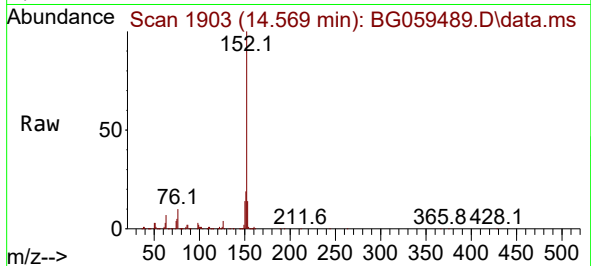




#50
Acenaphthylene
Concen: 71.690 ng/ul
RT: 14.569 min Scan# 1903
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

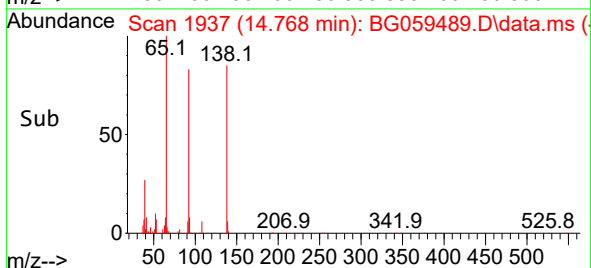
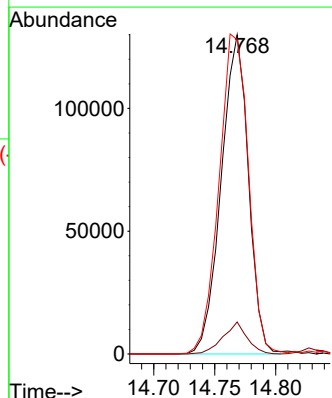
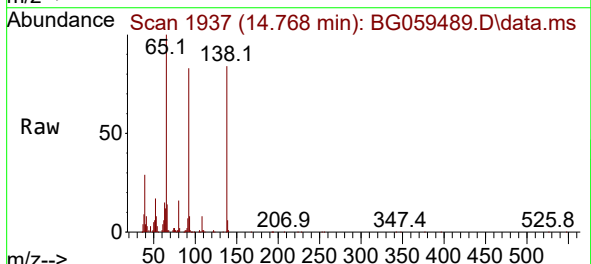
Instrument :
BNA_G
ClientSampleId :
SSTD080431

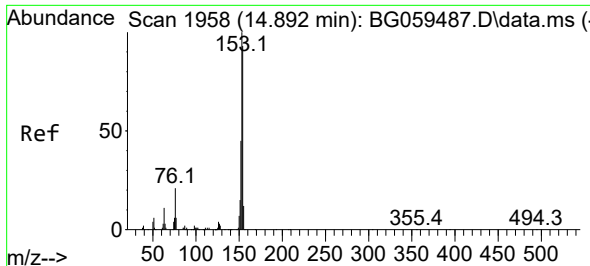
Tgt Ion:152 Resp: 1196965
Ion Ratio Lower Upper
152 100
151 19.3 15.0 22.4
153 14.3 11.4 17.2



#51
3-Nitroaniline
Concen: 79.934 ng/ul
RT: 14.768 min Scan# 1937
Delta R.T. 0.017 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:138 Resp: 201687
Ion Ratio Lower Upper
138 100
108 10.0 6.9 10.3
92 98.5 107.8 161.6#

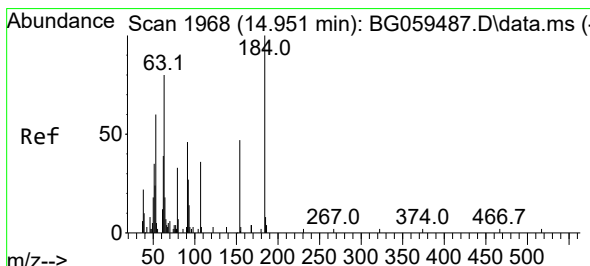
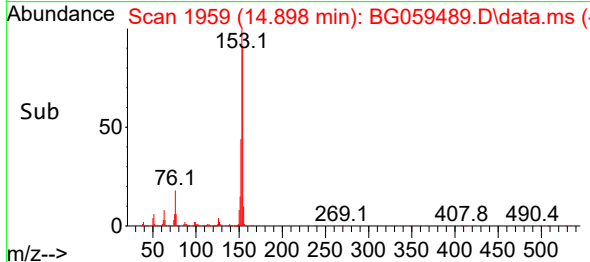
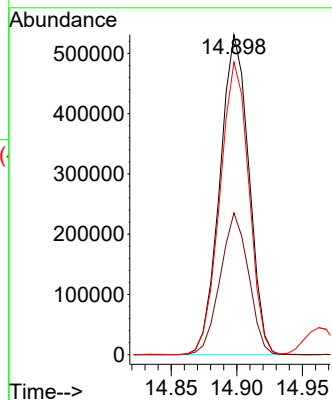
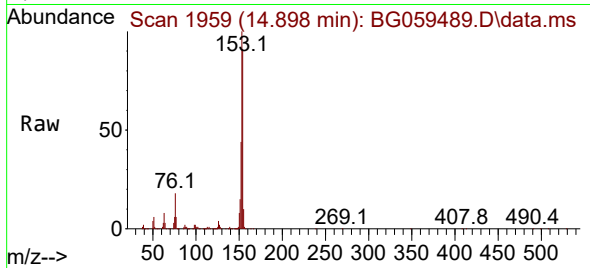




#52
Acenaphthene
Concen: 76.004 ng/ul
RT: 14.898 min Scan# 1959
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

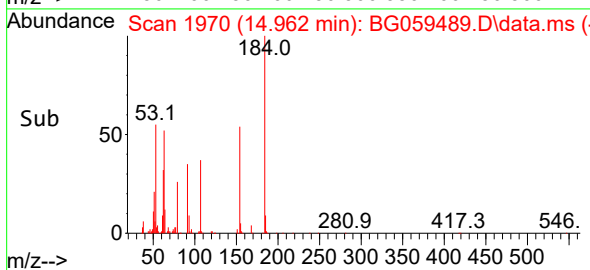
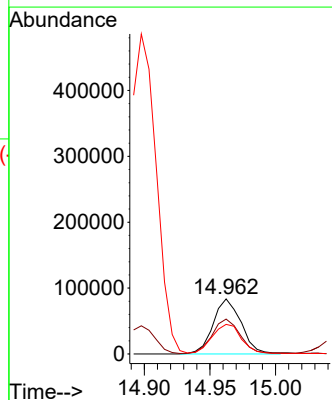
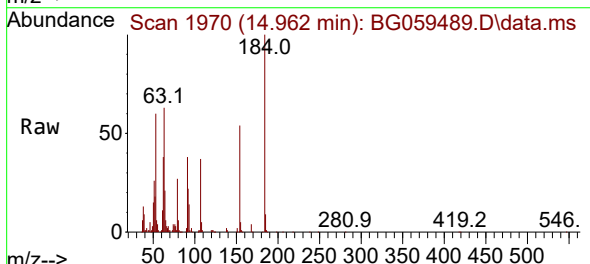
Instrument :
BNA_G
ClientSampleId :
SSTD080431

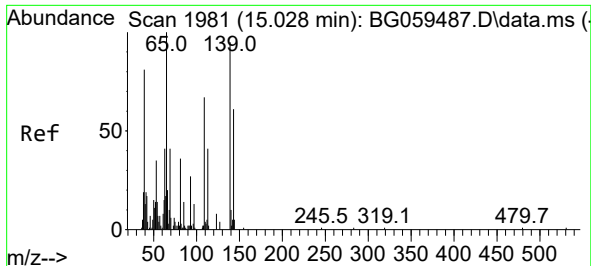
Tgt Ion:153 Resp: 817678
Ion Ratio Lower Upper
153 100
152 44.3 36.0 54.0
154 91.5 74.2 111.4



#53
2,4-Dinitrophenol
Concen: 93.439 ng/ul
RT: 14.962 min Scan# 1970
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:184 Resp: 124076
Ion Ratio Lower Upper
184 100
63 63.5 65.8 98.8#
154 53.7 47.5 71.3

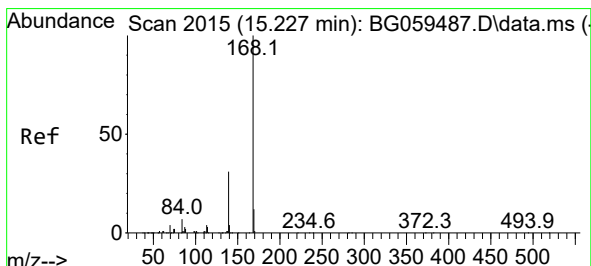
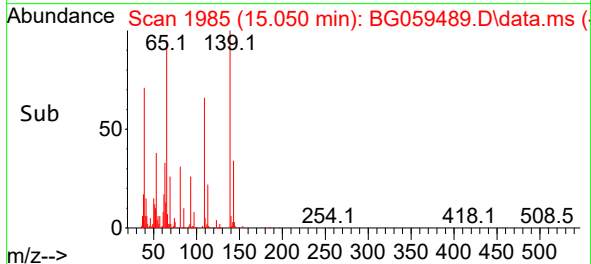
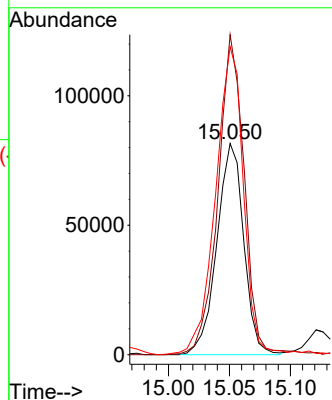
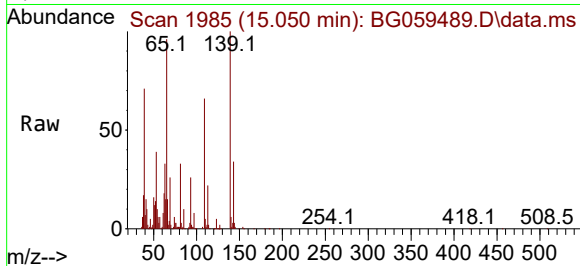




#55
4-Nitrophenol
Concen: 81.831 ng/ul
RT: 15.050 min Scan# 1981
Delta R.T. 0.023 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

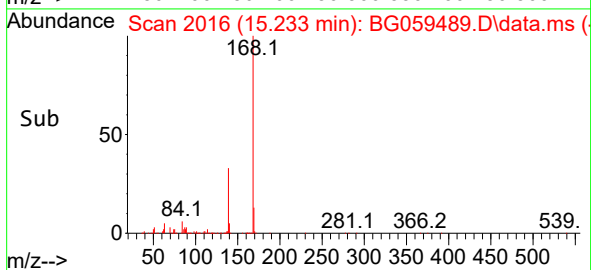
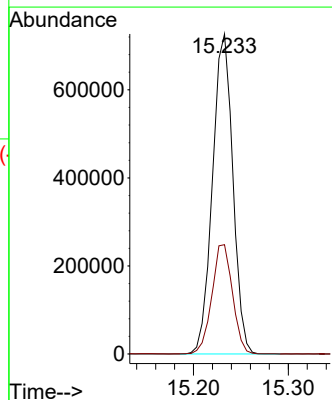
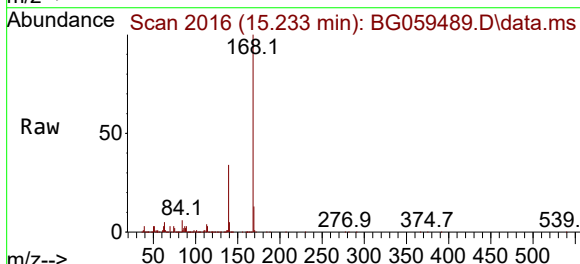
Instrument :
BNA_G
ClientSampleId :
SSTD080431

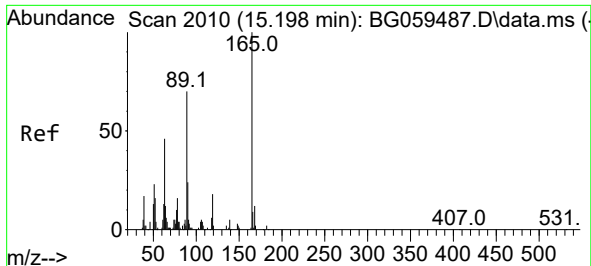
Tgt Ion:109 Resp: 124920
Ion Ratio Lower Upper
109 100
139 151.5 115.1 172.7
65 145.8 121.9 182.9



#56
Dibenzofuran
Concen: 74.586 ng/ul
RT: 15.233 min Scan# 2016
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:168 Resp: 1081949
Ion Ratio Lower Upper
168 100
139 34.1 25.0 37.4





#57

2,4-Dinitrotoluene

Concen: 75.919 ng/ul

RT: 15.209 min Scan# 2010

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

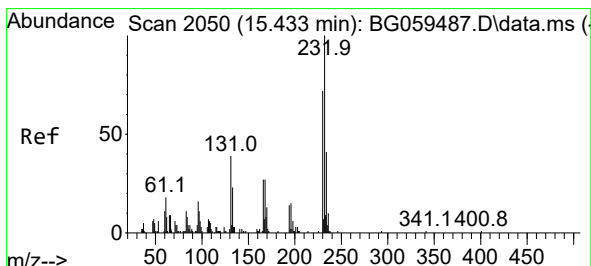
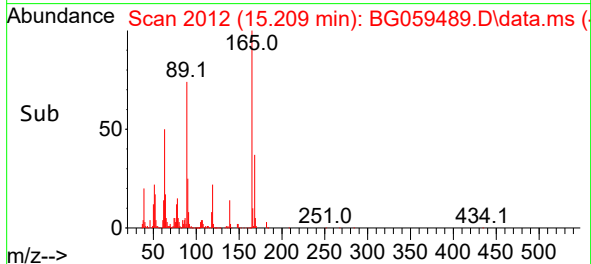
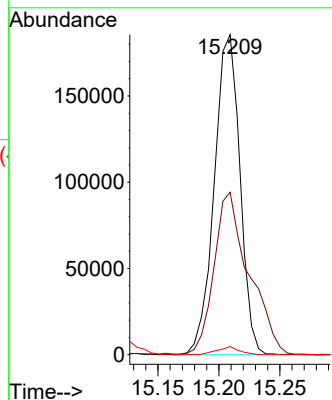
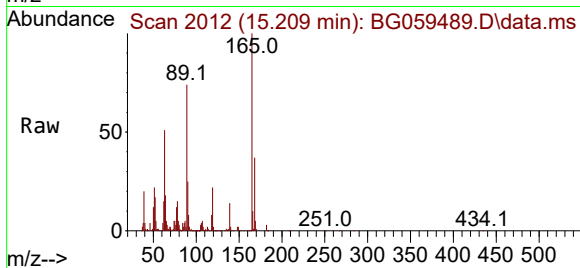
Tgt Ion:165 Resp: 271963

Ion Ratio Lower Upper

165 100

63 50.7 37.5 56.3

182 2.6 1.8 2.8



#58

2,3,4,6-Tetrachlorophenol

Concen: 79.738 ng/ul

RT: 15.444 min Scan# 2052

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Tgt Ion:232 Resp: 234395

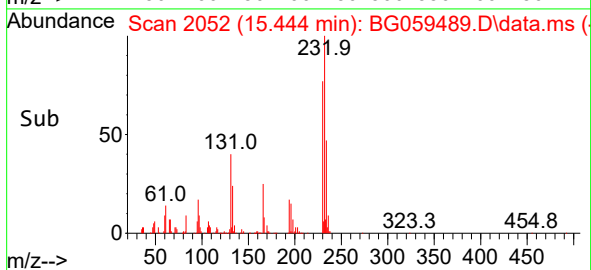
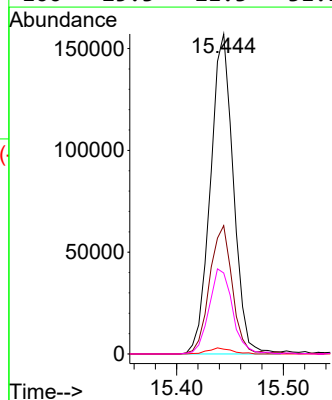
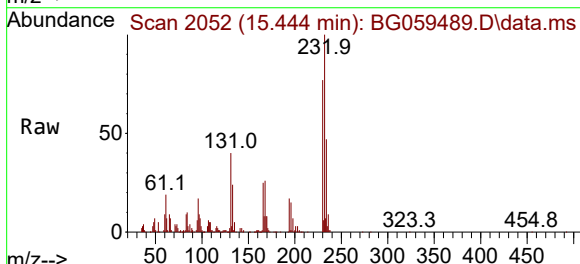
Ion Ratio Lower Upper

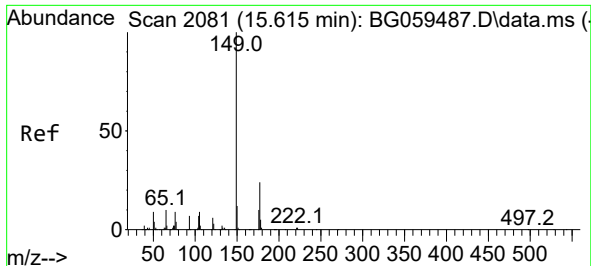
232 100

131 40.1 31.0 46.6

130 1.5 1.5 2.3#

166 25.3 21.3 31.9

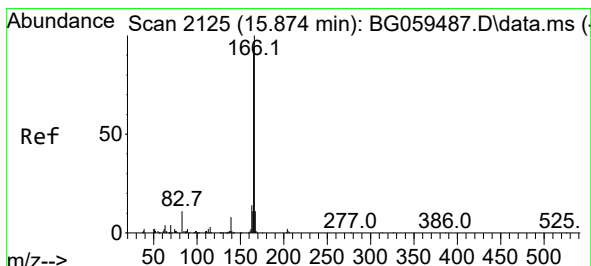
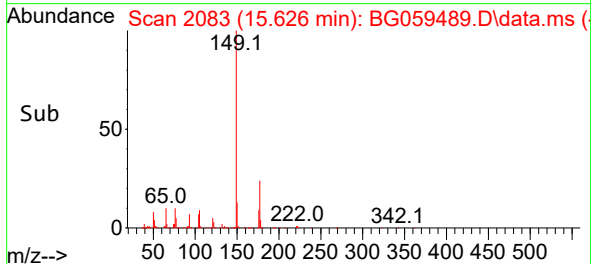
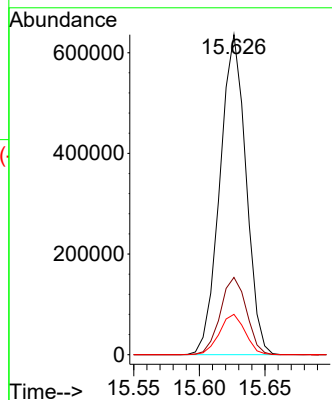
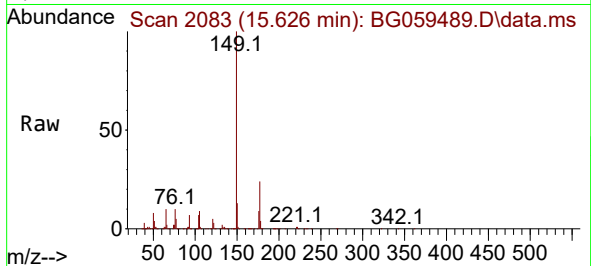




#59
Diethylphthalate
Concen: 72.436 ng/ul
RT: 15.626 min Scan# 2081
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

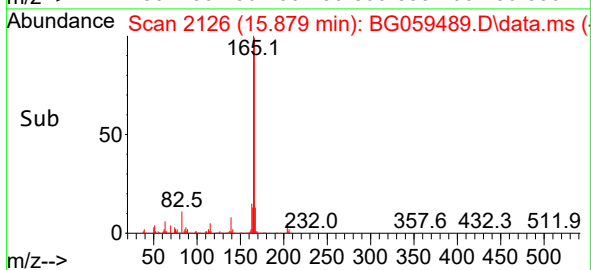
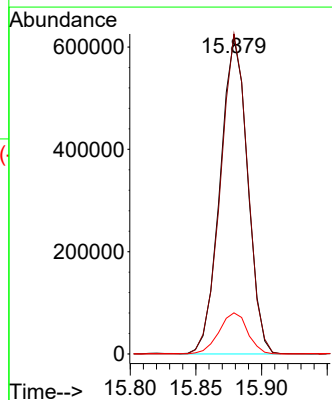
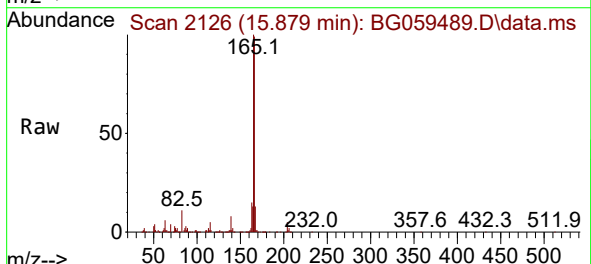
Instrument :
BNA_G
ClientSampleId :
SSTD080431

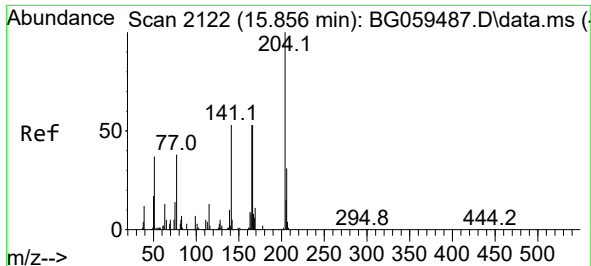
Tgt Ion:149 Resp: 879136
Ion Ratio Lower Upper
149 100
177 24.1 19.1 28.7
150 12.6 10.0 15.0



#61
Fluorene
Concen: 74.377 ng/ul
RT: 15.879 min Scan# 2126
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:166 Resp: 903106
Ion Ratio Lower Upper
166 100
165 101.1 74.8 112.2
167 13.0 9.0 13.6

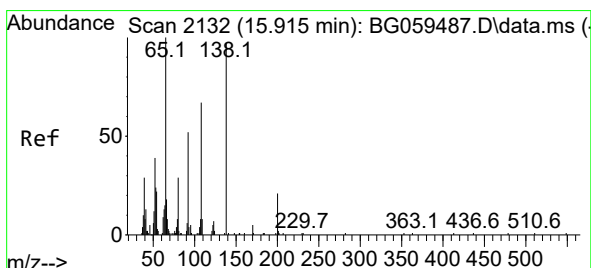
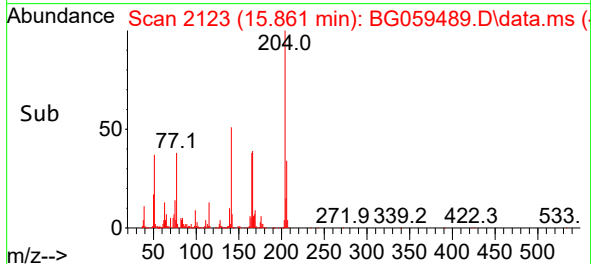
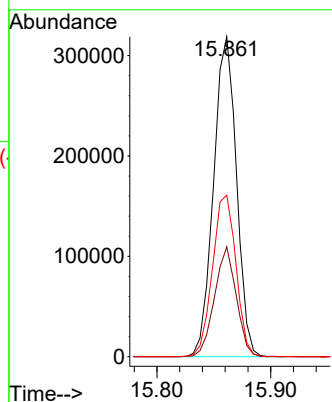
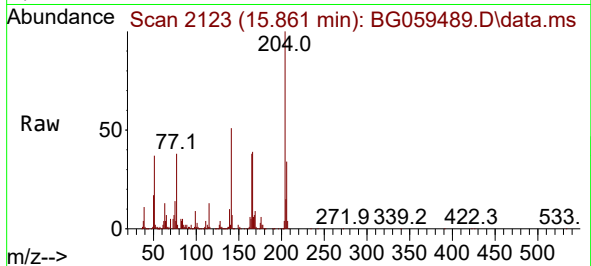




#62
4-Chlorophenyl-phenylether
Concen: 71.970 ng/ul
RT: 15.861 min Scan# 2122
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

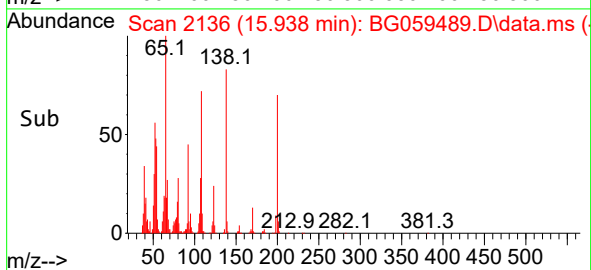
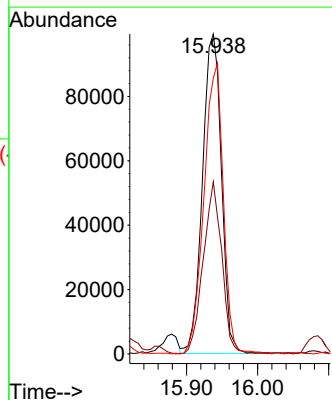
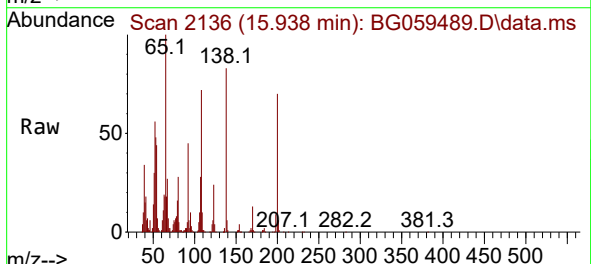
Instrument :
BNA_G
ClientSampleId :
SSTD080431

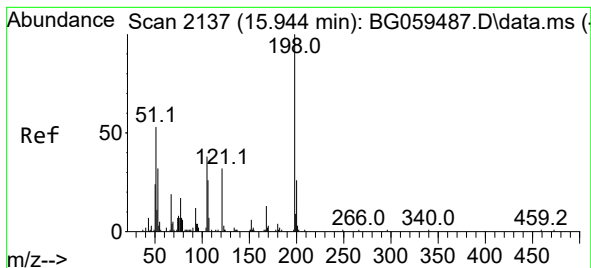
Tgt Ion:204 Resp: 445853
Ion Ratio Lower Upper
204 100
206 34.4 25.0 37.6
141 50.5 42.7 64.1



#63
4-Nitroaniline
Concen: 76.225 ng/ul
RT: 15.938 min Scan# 2136
Delta R.T. 0.023 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:138 Resp: 184814
Ion Ratio Lower Upper
138 100
92 53.8 42.5 63.7
108 86.2 54.6 81.8#

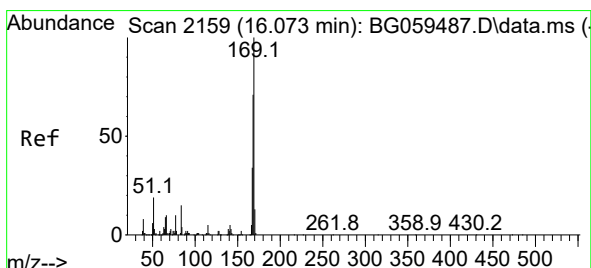
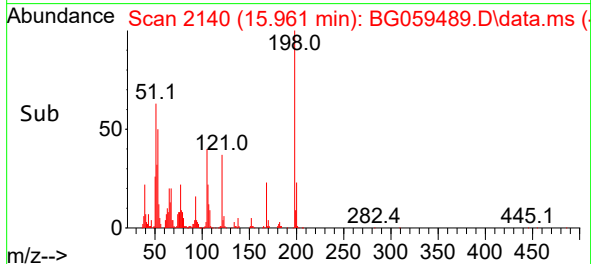
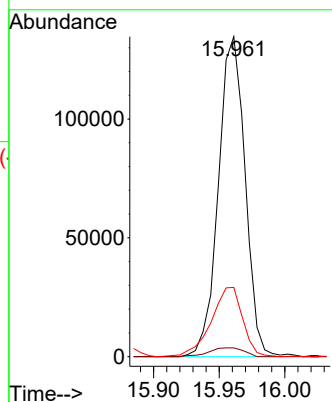
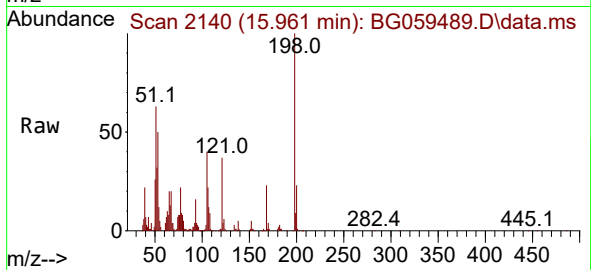




#66
 4,6-Dinitro-2-methylphenol
 Concen: 85.477 ng/ul
 RT: 15.961 min Scan# 2137
 Delta R.T. 0.017 min
 Lab File: BG059489.D
 Acq: 19 Oct 2023 12:32

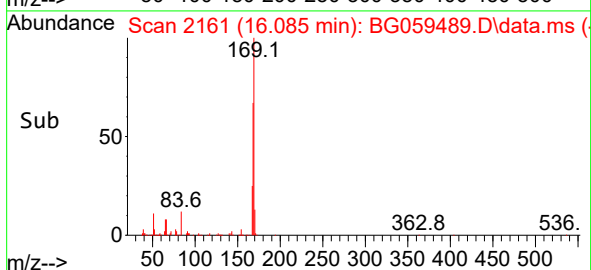
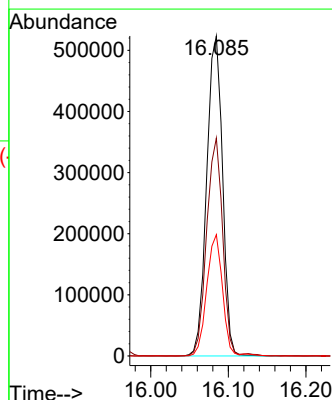
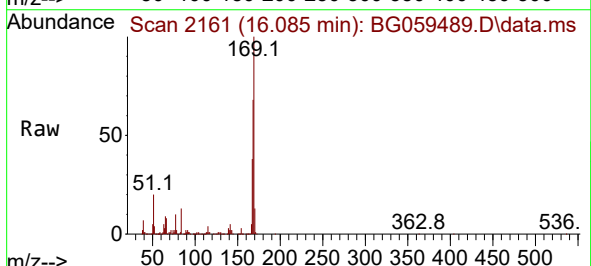
Instrument :
 BNA_G
 ClientSampleId :
 SSTD080431

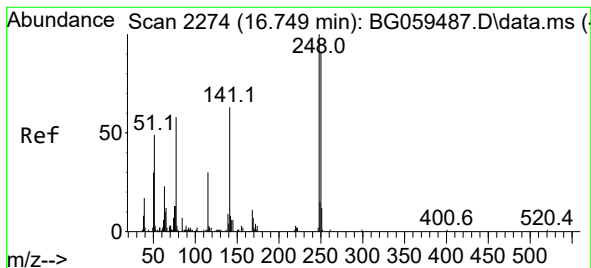
Tgt Ion:198 Resp: 190368
 Ion Ratio Lower Upper
 198 100
 182 2.7 1.5 2.3#
 77 21.6 13.4 20.0#



#67
 N-Nitrosodiphenylamine
 Concen: 76.789 ng/ul
 RT: 16.085 min Scan# 2161
 Delta R.T. 0.011 min
 Lab File: BG059489.D
 Acq: 19 Oct 2023 12:32

Tgt Ion:169 Resp: 740822
 Ion Ratio Lower Upper
 169 100
 168 68.1 56.6 84.8
 167 37.9 27.3 40.9

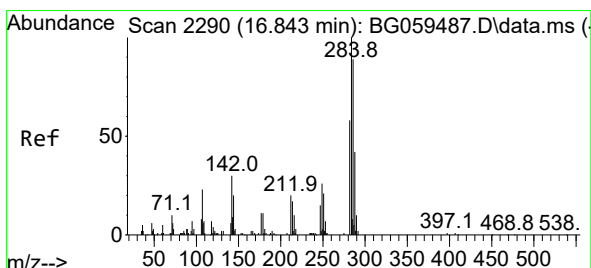
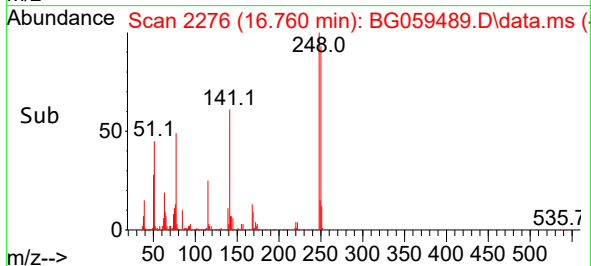
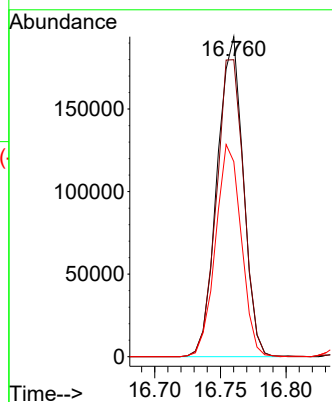
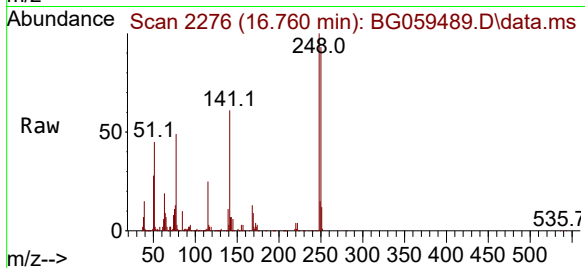




#68
4-Bromophenyl-phenylether
Concen: 76.018 ng/ul
RT: 16.760 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

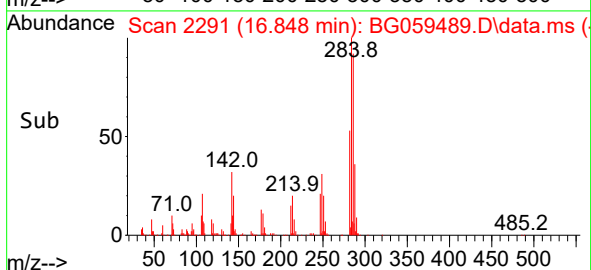
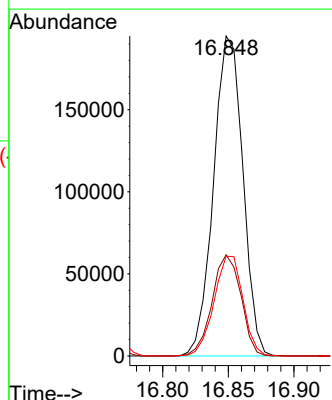
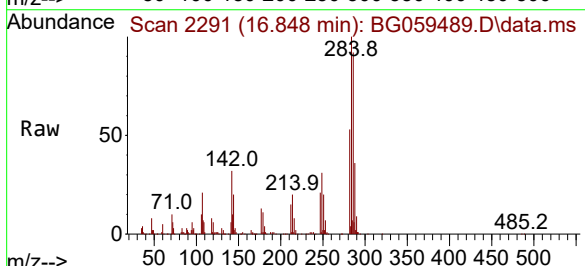
Instrument :
BNA_G
ClientSampleId :
SSTD080431

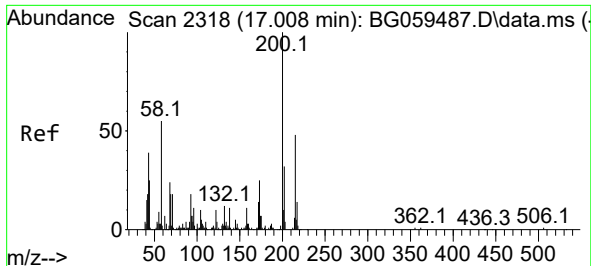
Tgt Ion:248 Resp: 267730
Ion Ratio Lower Upper
248 100
250 92.8 73.0 109.6
141 61.0 50.7 76.1



#69
Hexachlorobenzene
Concen: 75.883 ng/ul
RT: 16.848 min Scan# 2291
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:284 Resp: 302718
Ion Ratio Lower Upper
284 100
142 31.6 24.6 36.8
249 31.2 21.0 31.6

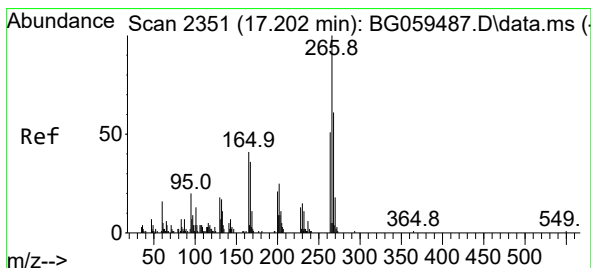
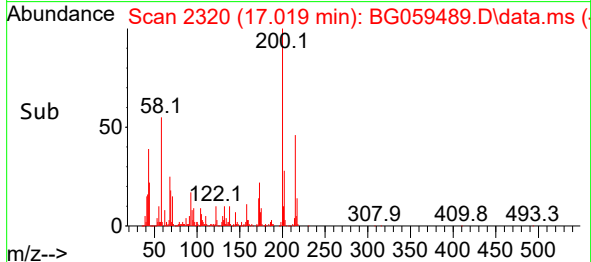
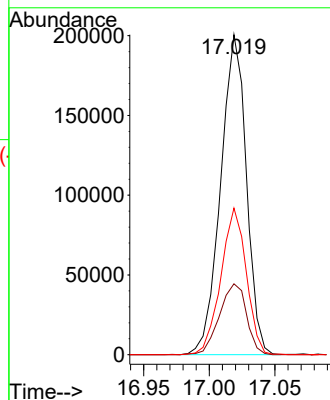
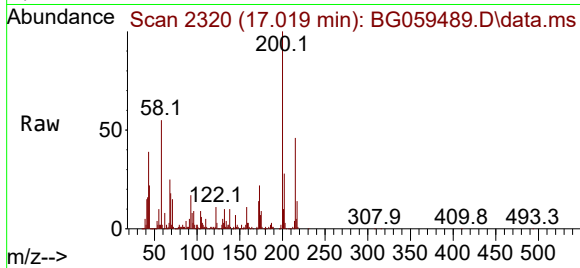




#70
Atrazine
Concen: 79.470 ng/ul
RT: 17.019 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

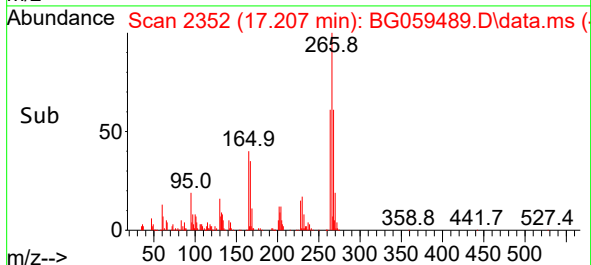
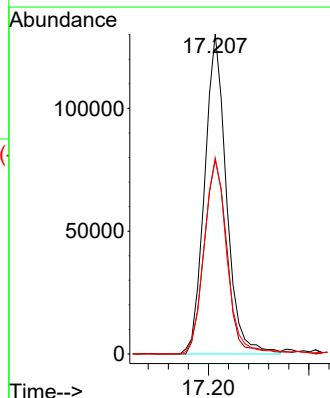
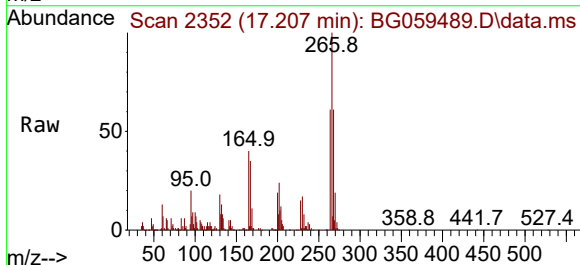
Instrument :
BNA_G
ClientSampleId :
SSTD080431

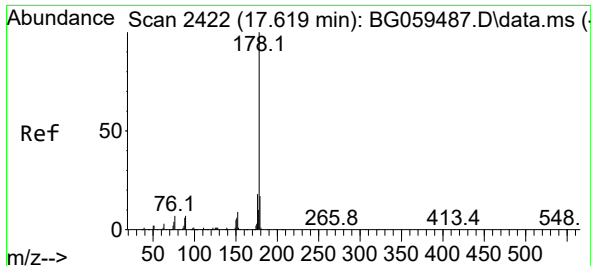
Tgt Ion:200 Resp: 273418
Ion Ratio Lower Upper
200 100
173 22.2 20.2 30.4
215 45.8 38.4 57.6



#71
Pentachlorophenol
Concen: 88.690 ng/ul
RT: 17.207 min Scan# 2352
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:266 Resp: 197022
Ion Ratio Lower Upper
266 100
264 60.7 41.8 62.6
268 61.3 53.2 79.8

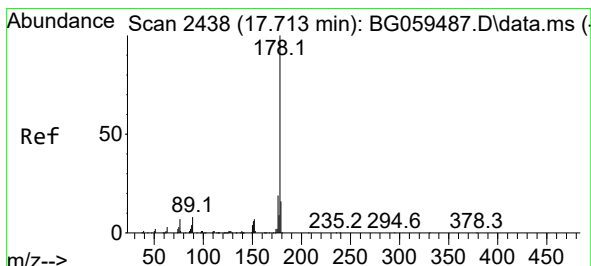
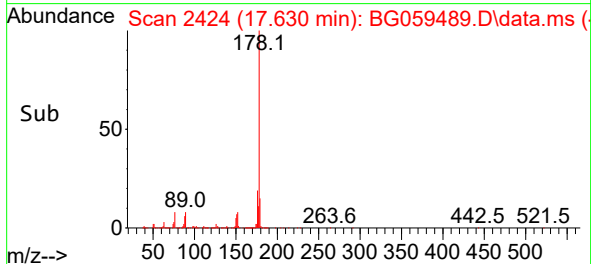
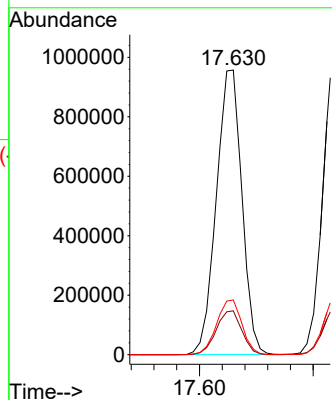
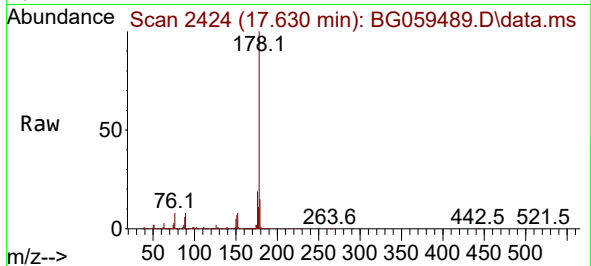




#72
Phenanthrene
Concen: 73.360 ng/ul
RT: 17.630 min Scan# 2422
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

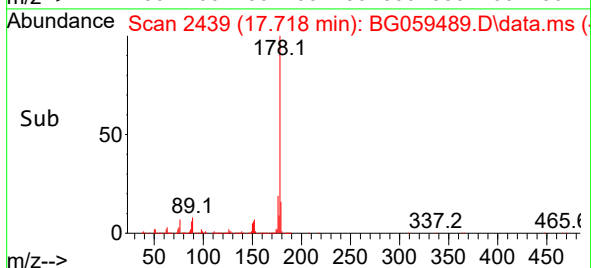
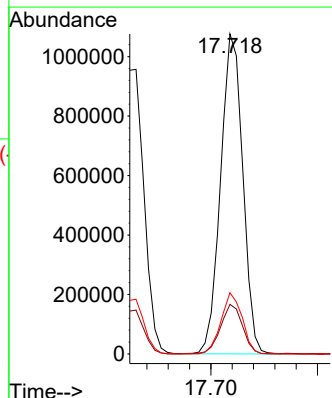
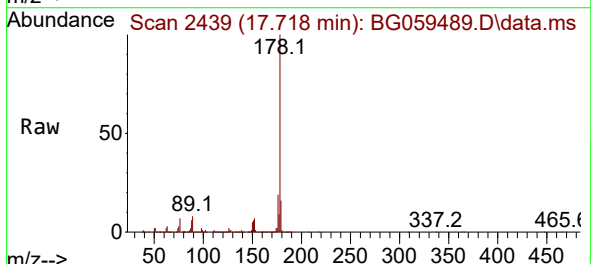
Instrument :
BNA_G
ClientSampleId :
SSTD080431

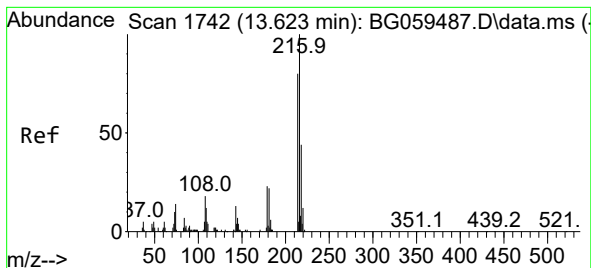
Tgt Ion:178 Resp: 1494864
Ion Ratio Lower Upper
178 100
179 15.4 13.3 19.9
176 19.2 14.3 21.5



#74
Anthracene
Concen: 74.041 ng/ul
RT: 17.718 min Scan# 2439
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:178 Resp: 1553262
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 19.1 15.4 23.0





#75

1,2,3,4-Tetrachlorobenzene

Concen: 81.895 ng/uL

RT: 13.629 min Scan# 1742

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

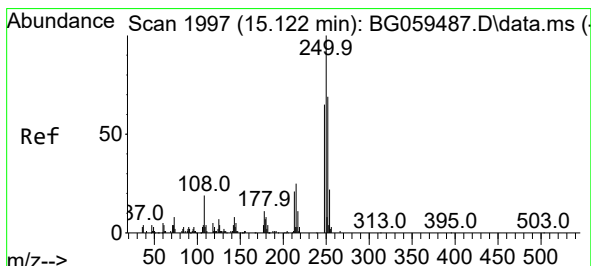
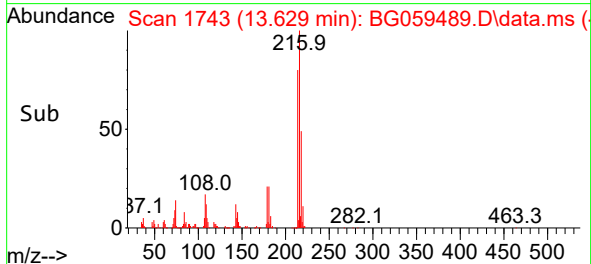
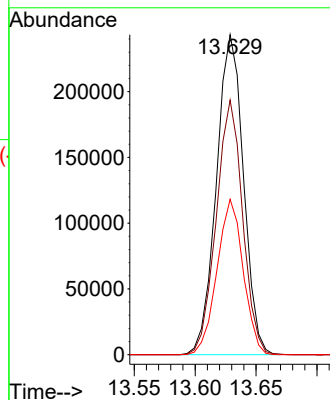
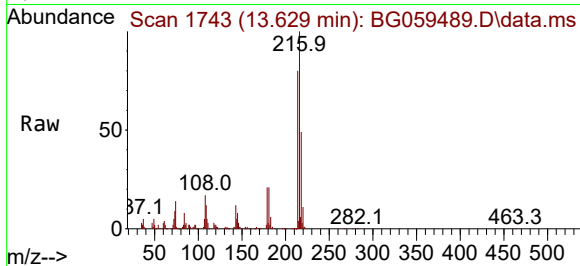
Tgt Ion:216 Resp: 376201

Ion Ratio Lower Upper

216 100

214 79.6 64.4 96.6

218 48.5 34.9 52.3



#76

Pentachlorobenzene

Concen: 78.108 ng/uL

RT: 15.127 min Scan# 1998

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

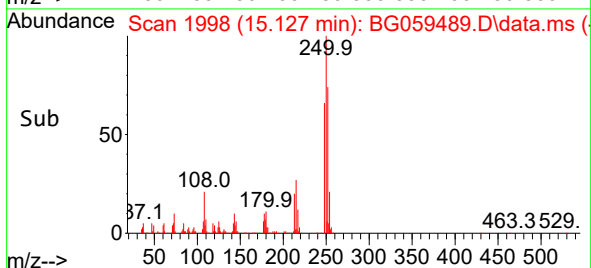
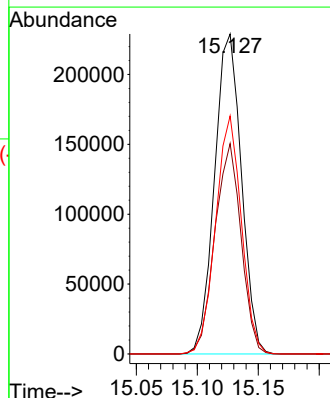
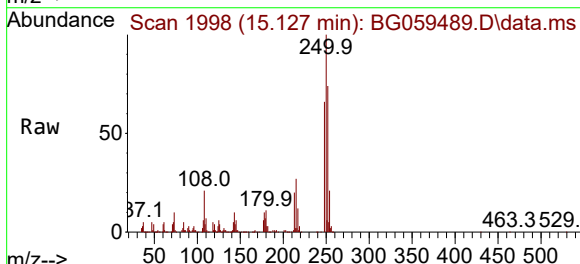
Tgt Ion:250 Resp: 351425

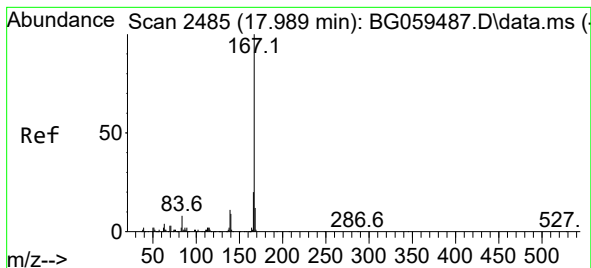
Ion Ratio Lower Upper

250 100

248 65.8 51.8 77.8

252 74.4 55.0 82.4





#77

Carbazole

Concen: 77.679 ng/ul

RT: 17.994 min Scan# 2486

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

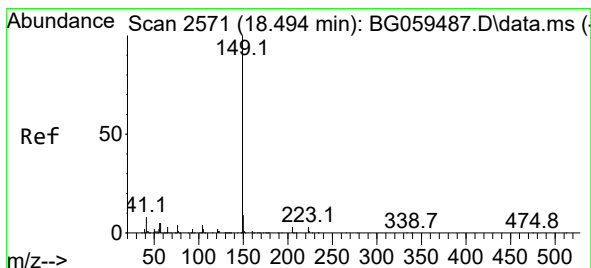
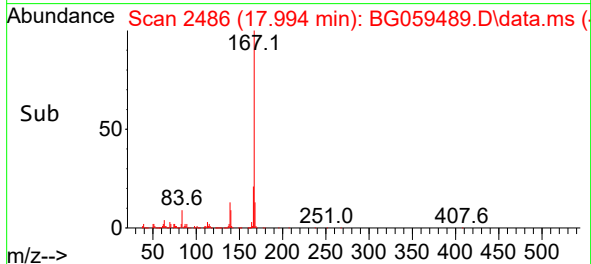
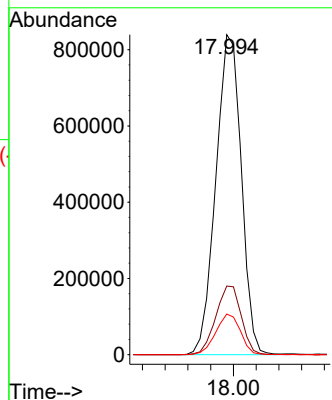
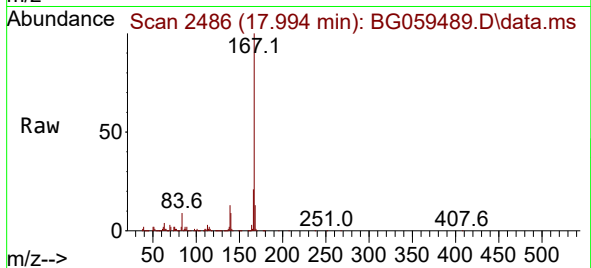
Tgt Ion:167 Resp: 1306061

Ion Ratio Lower Upper

167 100

166 21.5 15.8 23.6

139 12.7 8.7 13.1



#78

Di-n-butylphthalate

Concen: 74.695 ng/ul

RT: 18.499 min Scan# 2572

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

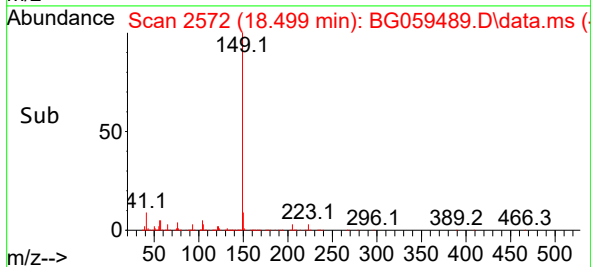
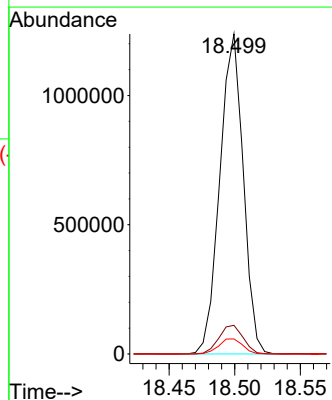
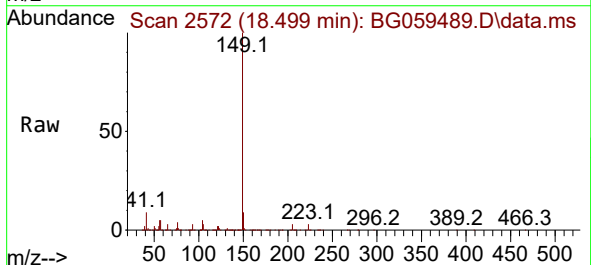
Tgt Ion:149 Resp: 1532847

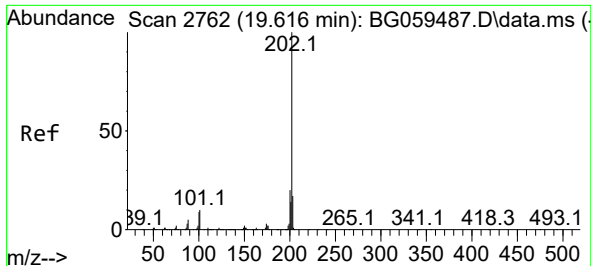
Ion Ratio Lower Upper

149 100

150 9.0 7.3 10.9

104 4.7 3.5 5.3

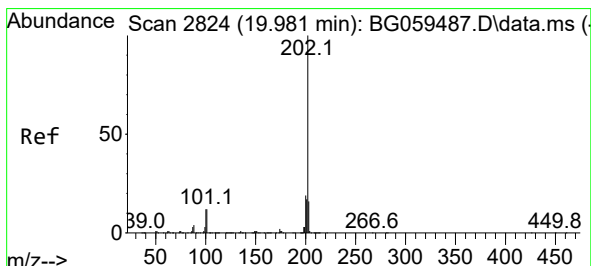
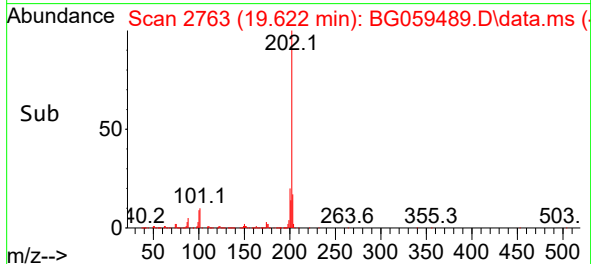
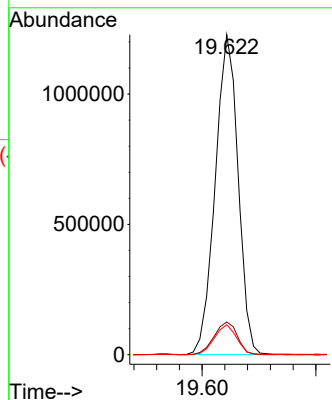
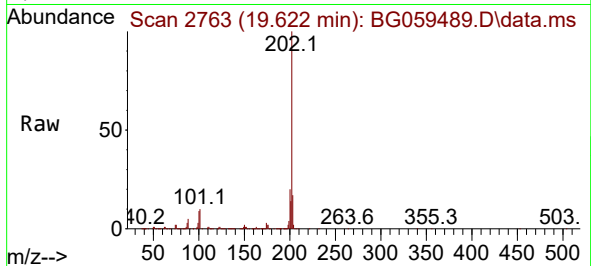




#80
Fluoranthene
Concen: 75.979 ng/ul
RT: 19.622 min Scan# 21
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

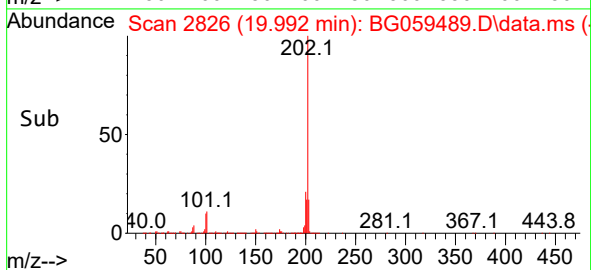
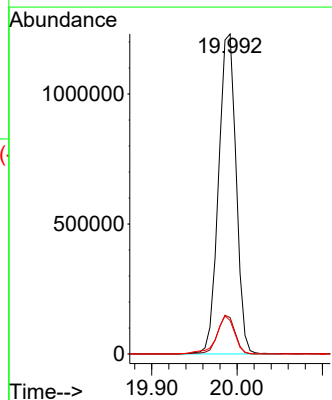
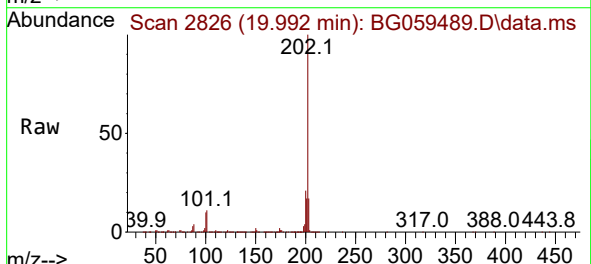
Instrument :
BNA_G
ClientSampleId :
SSTD080431

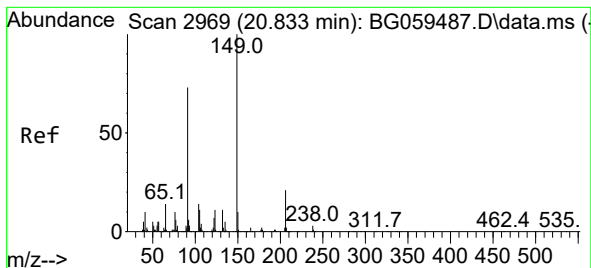
Tgt Ion:202 Resp: 1712187
Ion Ratio Lower Upper
202 100
101 10.2 8.1 12.1
100 9.4 7.3 10.9



#82
Pyrene
Concen: 74.147 ng/ul
RT: 19.992 min Scan# 2826
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:202 Resp: 1761229
Ion Ratio Lower Upper
202 100
101 11.4 9.4 14.0
100 10.5 9.4 14.0





#83

Butylbenzylphthalate

Concen: 81.514 ng/ul

RT: 20.838 min Scan# 2969

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

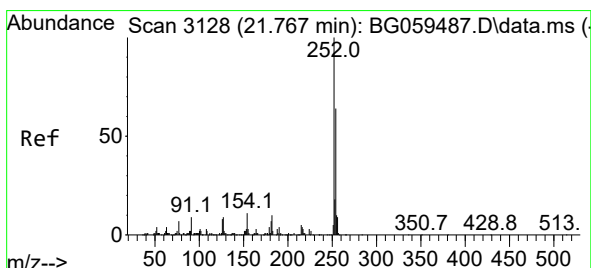
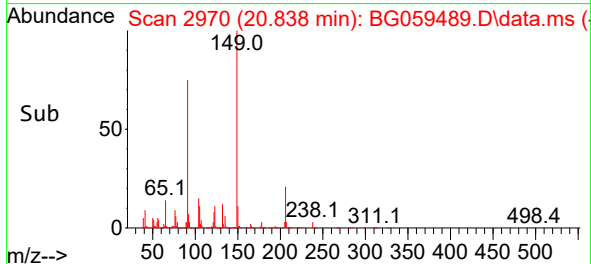
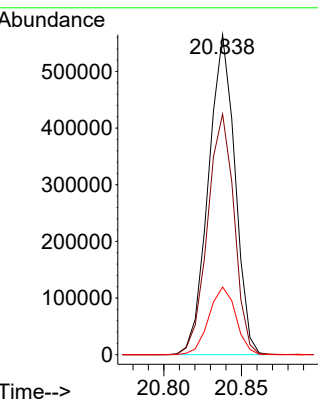
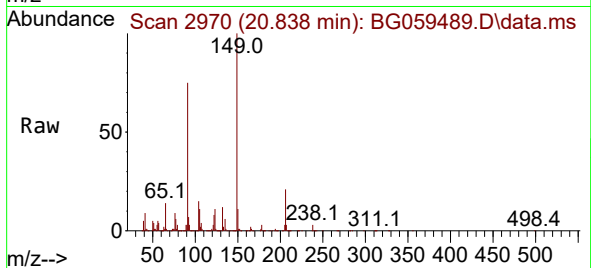
Tgt Ion:149 Resp: 672046

Ion Ratio Lower Upper

149 100

91 75.2 58.6 87.8

206 21.2 16.4 24.6



#84

3,3'-Dichlorobenzidine

Concen: 79.820 ng/ul

RT: 21.772 min Scan# 3129

Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

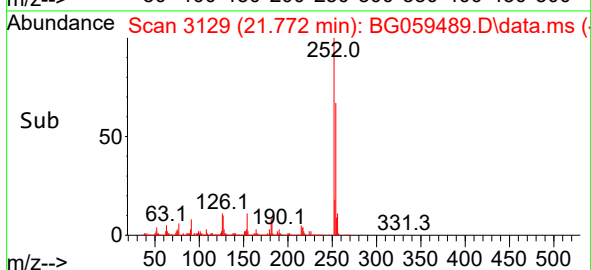
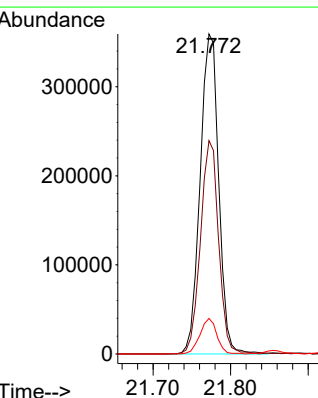
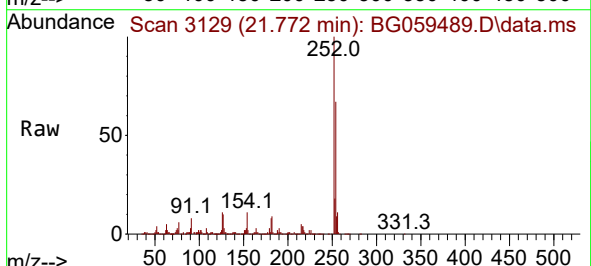
Tgt Ion:252 Resp: 596373

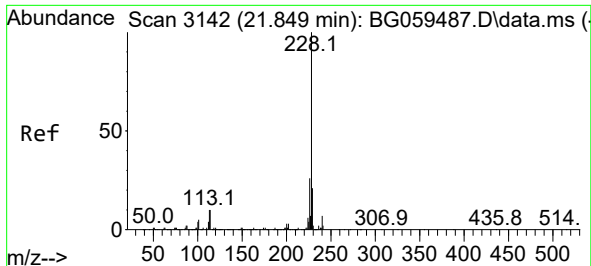
Ion Ratio Lower Upper

252 100

254 66.7 50.8 76.2

126 11.1 6.5 9.7#

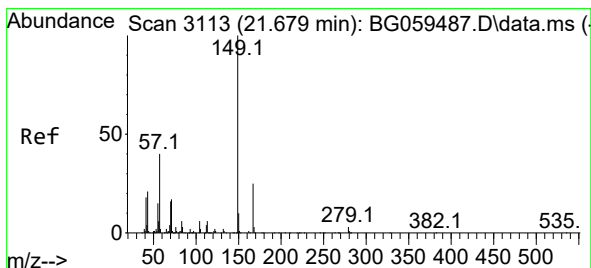
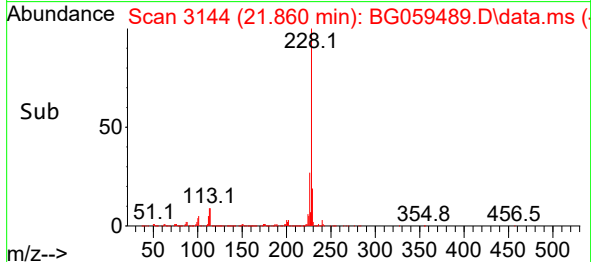
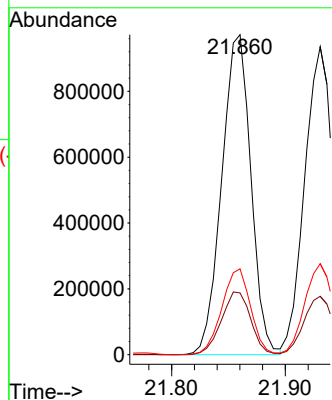
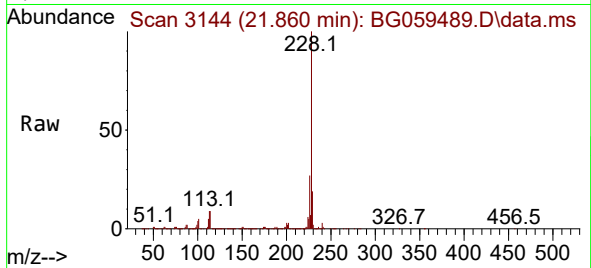




#85
Benzo(a)anthracene
Concen: 75.233 ng/ul
RT: 21.860 min Scan# 3142
Delta R.T. 0.011 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

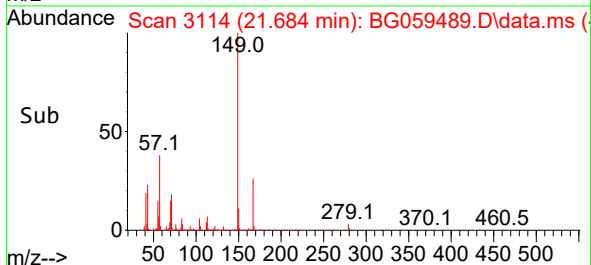
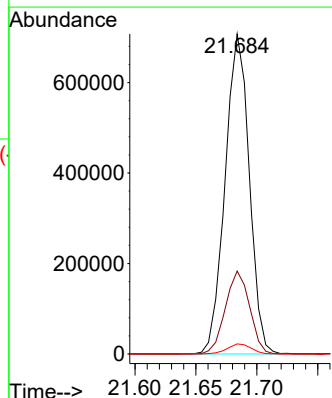
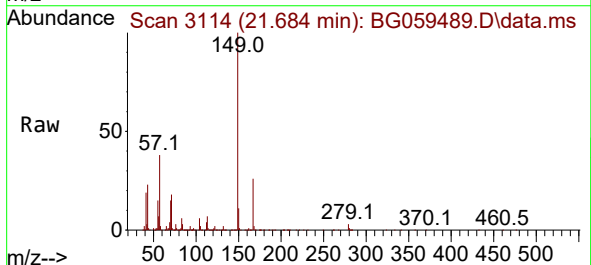
Instrument :
BNA_G
ClientSampleId :
SSTD080431

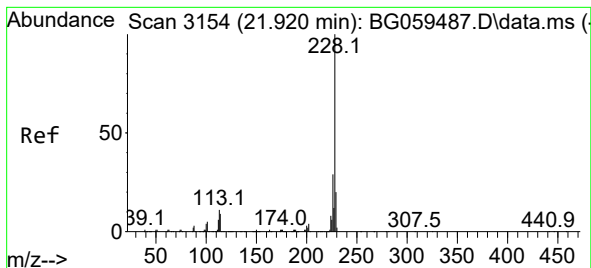
Tgt Ion:228 Resp: 1734207
Ion Ratio Lower Upper
228 100
229 19.3 16.7 25.1
226 26.9 21.0 31.6



#86
Bis(2-ethylhexyl)phthalate
Concen: 81.186 ng/ul
RT: 21.684 min Scan# 3114
Delta R.T. 0.005 min
Lab File: BG059489.D
Acq: 19 Oct 2023 12:32

Tgt Ion:149 Resp: 976575
Ion Ratio Lower Upper
149 100
167 25.9 20.4 30.6
279 3.1 2.6 3.8





#87

Chrysene

Concen: 74.601 ng/ul

RT: 21.931 min Scan# 3154

Delta R.T. 0.011 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

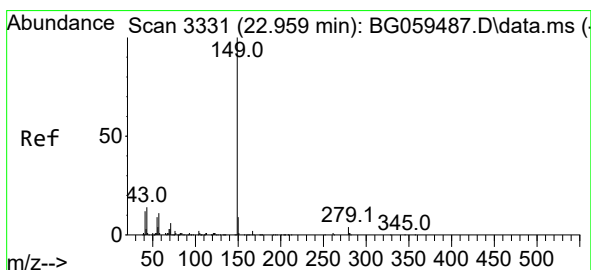
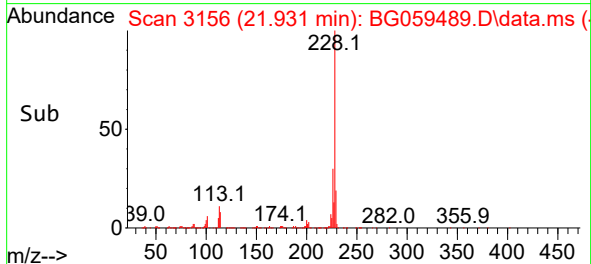
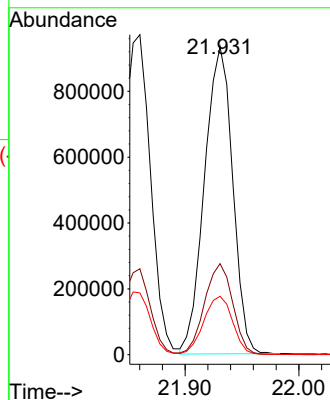
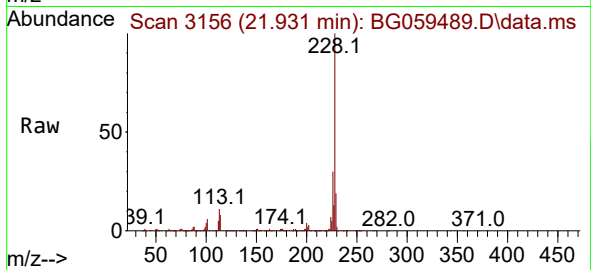
Tgt Ion:228 Resp: 1607493

Ion Ratio Lower Upper

228 100

226 29.5 23.3 34.9

229 19.0 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 85.279 ng/ul

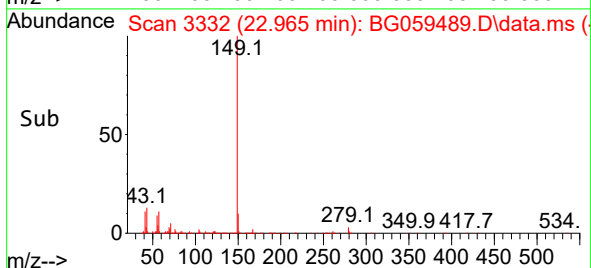
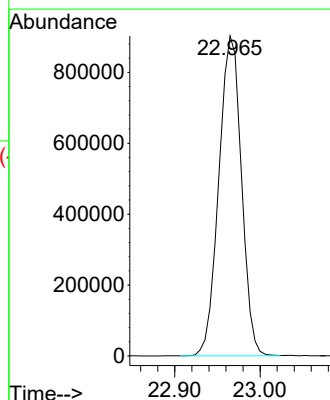
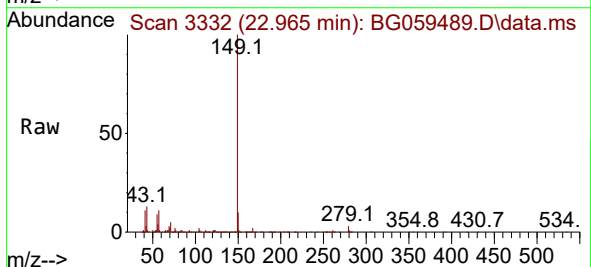
RT: 22.965 min Scan# 3332

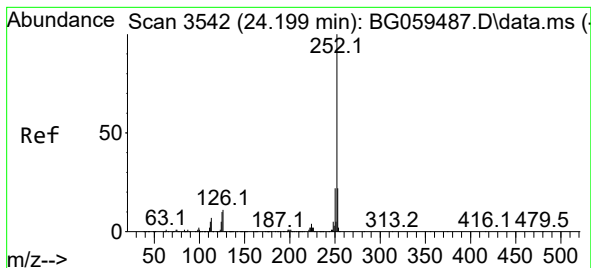
Delta R.T. 0.005 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Tgt Ion:149 Resp: 1666140





#90

Benzo(b)fluoranthene

Concen: 75.158 ng/ul

RT: 24.216 min Scan# 3545

Delta R.T. 0.017 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

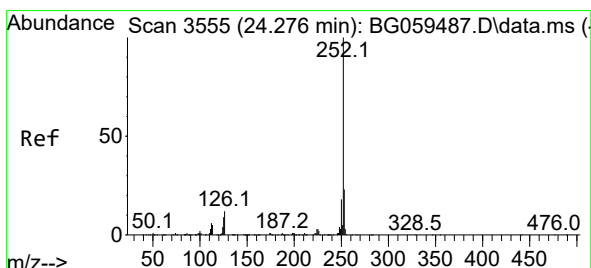
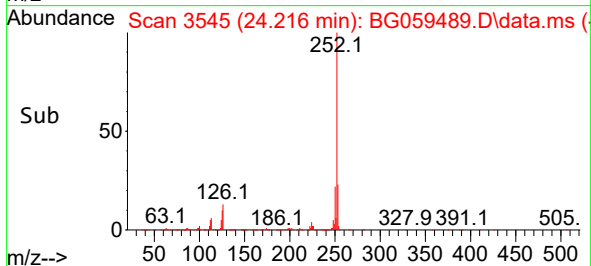
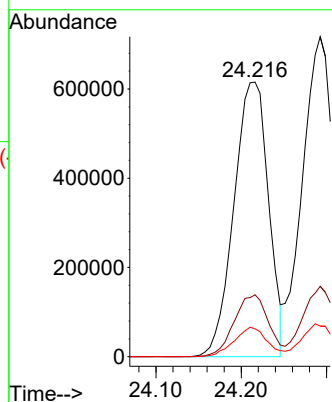
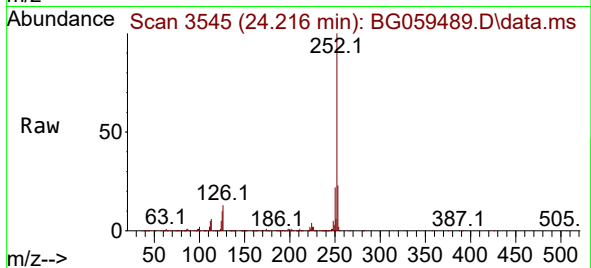
Tgt Ion:252 Resp: 1730464

Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.8

125 10.1 8.2 12.2



#91

Benzo(k)fluoranthene

Concen: 76.490 ng/ul

RT: 24.293 min Scan# 3558

Delta R.T. 0.017 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

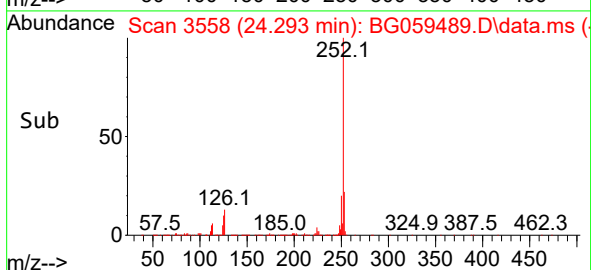
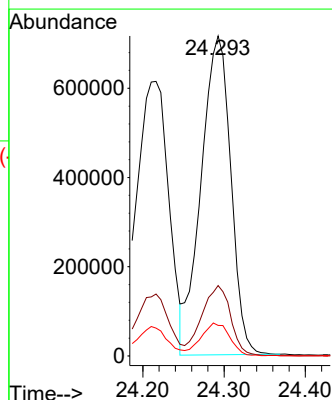
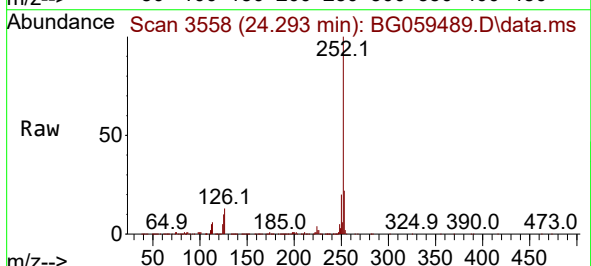
Tgt Ion:252 Resp: 1820807

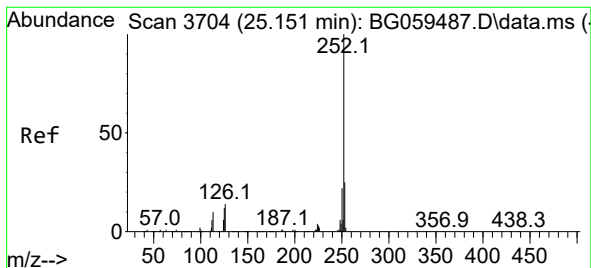
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 77.063 ng/ul

RT: 25.174 min Scan# 31

Delta R.T. 0.023 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

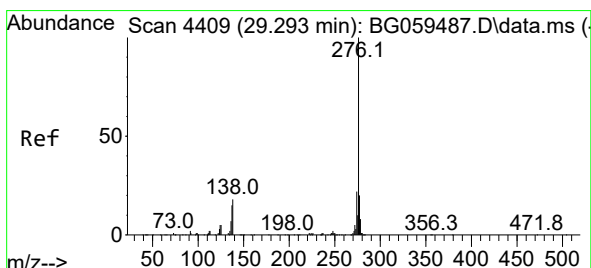
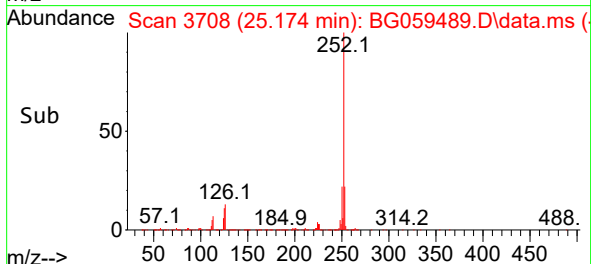
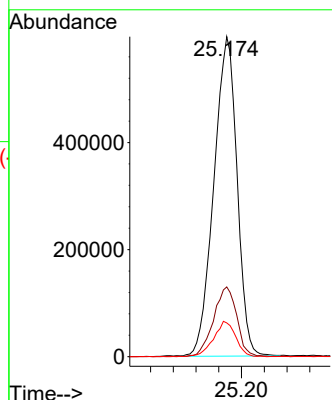
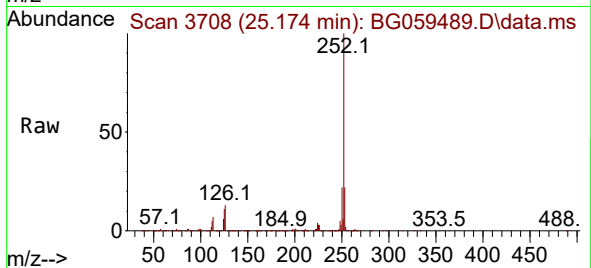
Tgt Ion:252 Resp: 1690196

Ion Ratio Lower Upper

252 100

253 21.8 20.0 30.0

125 10.6 9.9 14.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 77.728 ng/ul

RT: 29.322 min Scan# 4414

Delta R.T. 0.029 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

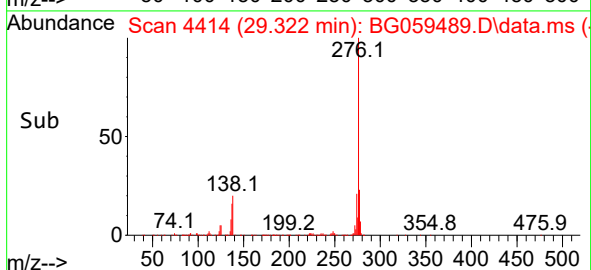
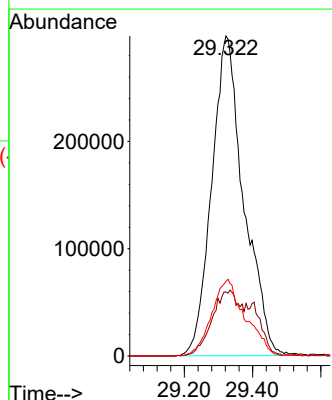
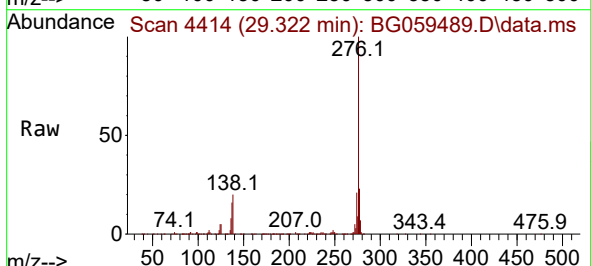
Tgt Ion:276 Resp: 1944621

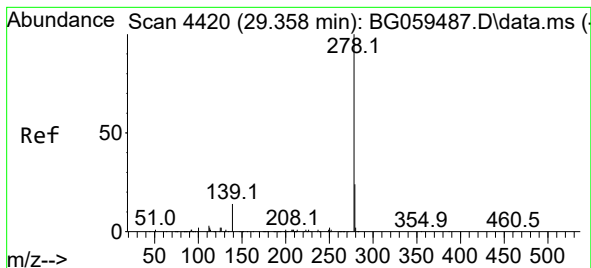
Ion Ratio Lower Upper

276 100

138 20.0 14.2 21.4

277 23.3 16.1 24.1





#95

Dibenzo(a,h)anthracene

Concen: 78.210 ng/ul

RT: 29.398 min Scan# 4427

Delta R.T. 0.040 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Instrument :

BNA_G

ClientSampleId :

SSTD080431

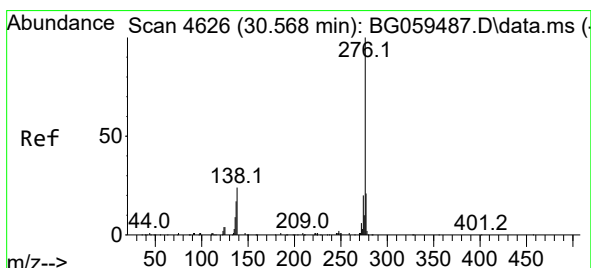
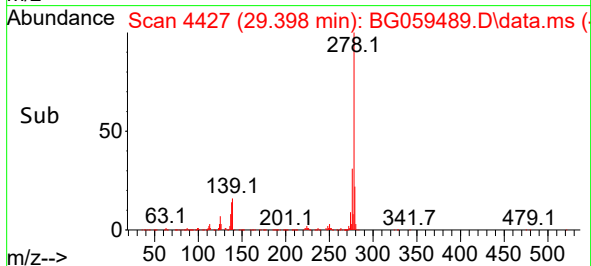
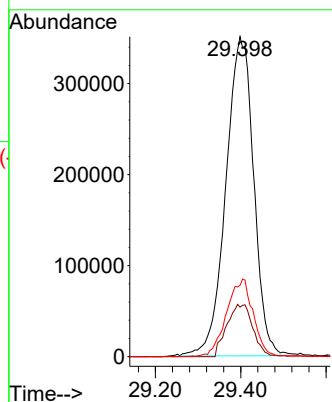
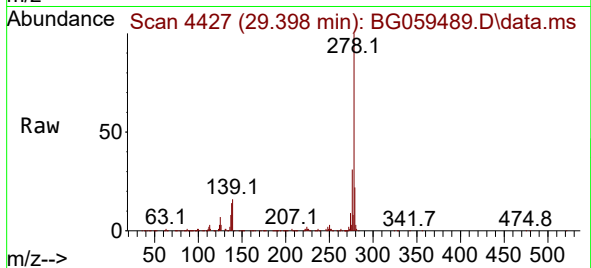
Tgt Ion:278 Resp: 1588233

Ion Ratio Lower Upper

278 100

139 15.5 11.3 16.9

279 22.3 19.1 28.7



#96

Benzo(g,h,i)perylene

Concen: 73.979 ng/ul

RT: 30.603 min Scan# 4632

Delta R.T. 0.035 min

Lab File: BG059489.D

Acq: 19 Oct 2023 12:32

Tgt Ion:276 Resp: 1555588

Ion Ratio Lower Upper

276 100

138 21.9 19.1 28.7

277 24.3 16.9 25.3

