

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092523\
 Data File : BG059187.D
 Acq On : 25 Sep 2023 17:11
 Operator : MA/JU
 Sample : PB155606BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS606

Quant Time: Sep 25 22:38:22 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	8.324	152	38635	20.000	ng/u1	0.02
20) Naphthalene-d8	11.168	136	191978	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.946	164	126997	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.701	188	290364	20.000	ng/u1	0.02
79) Chrysene-d12	22.026	240	250805	20.000	ng/u1	0.02
88) Perylene-d12	25.592	264	283534	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.629	96	8480	8.591	ng/uL	0.00
4) Pyridine-d5	4.064	84	120085	41.470	ng/u1	0.00
7) Phenol-d5	7.448	99	171192	45.063	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.642	67	93637	40.165	ng/u1	0.02
11) 2-Chlorophenol-d4	7.842	132	116293	41.482	ng/u1	0.02
15) 4-Methylphenol-d8	9.017	113	121660	40.211	ng/u1	0.02
21) Nitrobenzene-d5	9.523	128	58691	39.619	ng/u1	0.02
24) 2-Nitrophenol-d4	10.239	143	67182	44.893	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.768	165	127723	44.956	ng/u1	0.02
31) 4-Chloroaniline-d4	11.315	131	170400	38.428	ng/u1	0.02
46) Dimethylphthalate-d6	14.340	166	392396	40.176	ng/u1	0.01
49) Acenaphthylene-d8	14.652	160	476657	40.081	ng/u1	0.02
54) 4-Nitrophenol-d4	15.139	143	51170	28.716	ng/u1	0.02
60) Fluorene-d10	15.933	176	358752	40.128	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	16.044	200	55133	33.398	ng/u1	0.01
73) Anthracene-d10	17.801	188	521110	39.443	ng/u1	0.02
81) Pyrene-d10	20.069	212	619868	42.284	ng/u1	0.01
92) Benzo(a)pyrene-d12	25.345	264	569956	41.168	ng/u1	0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.665	88	17722	15.879	ng/uL#	83
5) Pyridine	4.088	79	109257	37.028	ng/u1	96
6) Benzaldehyde	7.466	77	78905	40.057	ng/u1	93
8) Phenol	7.478	94	170524	43.672	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.736	93	127073	40.534	ng/u1	94
12) 2-Chlorophenol	7.877	128	122908	42.971	ng/u1	97
13) 2-Methylphenol	8.753	108	122020	42.108	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.829	45	272252	41.828	ng/u1	97
16) Acetophenone	9.164	105	187785	40.315	ng/u1	94
17) N-Nitroso-di-n-propyla...	9.129	70	93762	39.819	ng/u1	98
18) 4-Methylphenol	9.082	108	134345	43.262	ng/u1	87
19) Hexachloroethane	9.411	117	47974	42.660	ng/u1	95
22) Nitrobenzene	9.564	77	138929	41.414	ng/u1	98
23) Isophorone	10.069	82	297609	41.371	ng/u1	96
25) 2-Nitrophenol	10.275	139	70420	42.108	ng/u1	95
26) 2,4-Dimethylphenol	10.298	107	107788	34.473	ng/u1	93
27) Bis(2-Chloroethoxy)met...	10.551	93	182305	40.735	ng/u1	99
29) 2,4-Dichlorophenol	10.797	162	128528	44.753	ng/u1	98
30) Naphthalene	11.221	128	420718	40.954	ng/u1	98
32) 4-Chloroaniline	11.338	127	161648	37.033	ng/u1	99
33) Hexachlorobutadiene	11.444	225	74884	40.510	ng/u1#	84
35) 4-Chloro-3-methylphenol	12.413	107	141338	46.722	ng/u1	95
36) 2-Methylnaphthalene	12.795	142	284712	41.497	ng/u1	99
37) 1-Methylnaphthalene	13.013	142	288239	41.588	ng/u1#	98

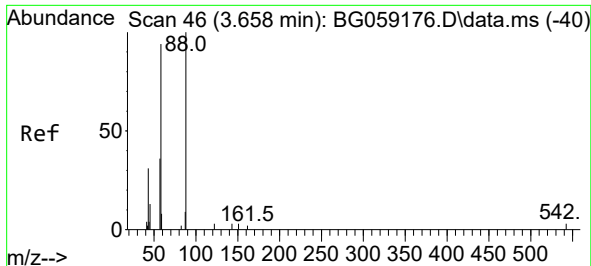
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	13.142	216	152341	40.918	ng/ul	98
40) Hexachlorocyclopentadiene	13.089	237	65744	27.698	ng/ul	98
41) 2,4,6-Trichlorophenol	13.383	196	108130	44.475	ng/ul	89
42) 2,4,5-Trichlorophenol	13.459	196	120486	45.815	ng/ul	98
43) 1,1'-Biphenyl	13.782	154	417047	41.142	ng/ul	96
44) 2-Chloronaphthalene	13.841	162	306872	39.648	ng/ul	96
45) 2-Nitroaniline	14.058	65	101292	41.285	ng/ul	98
47) Dimethylphthalate	14.387	163	413547	41.455	ng/ul#	99
48) 2,6-Dinitrotoluene	14.534	165	85016	46.118	ng/ul#	88
50) Acenaphthylene	14.681	152	524847	41.318	ng/ul	96
51) 3-Nitroaniline	14.875	138	74525	36.639	ng/ul	97
52) Acenaphthene	15.010	153	352544	40.926	ng/ul	99
53) 2,4-Dinitrophenol	15.075	184	18025	16.228	ng/ul#	84
55) 4-Nitrophenol	15.157	109	35833	30.426	ng/ul	90
56) Dibenzofuran	15.345	168	469632	41.103	ng/ul	97
57) 2,4-Dinitrotoluene	15.310	165	118749	44.681	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.557	232	112279	46.124	ng/ul	93
59) Diethylphthalate	15.733	149	407065	41.410	ng/ul	98
61) Fluorene	15.991	166	404406	41.452	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.974	204	203131	41.952	ng/ul	97
63) 4-Nitroaniline	16.033	138	55377	29.370	ng/ul	90
66) 4,6-Dinitro-2-methylph...	16.062	198	64331	36.156	ng/ul	99
67) N-Nitrosodiphenylamine	16.191	169	328979	42.555	ng/ul	96
68) 4-Bromophenyl-phenylether	16.873	248	123263	43.632	ng/ul	99
69) Hexachlorobenzene	16.961	284	145156	44.858	ng/ul#	92
70) Atrazine	17.125	200	122827	39.931	ng/ul	95
71) Pentachlorophenol	17.319	266	69737	33.179	ng/ul	98
72) Phenanthrene	17.742	178	687764	42.326	ng/ul	98
74) Anthracene	17.836	178	683323	41.156	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.747	216	152608	39.422	ng/uL	93
76) Pentachlorobenzene	15.239	250	150423	42.010	ng/uL	98
77) Carbazole	18.112	167	549761	39.827	ng/ul	99
78) Di-n-butylphthalate	18.612	149	736901	43.335	ng/ul	100
80) Fluoranthene	19.734	202	788235	43.149	ng/ul	99
82) Pyrene	20.098	202	829291	43.521	ng/ul	99
83) Butylbenzylphthalate	20.956	149	320712	46.595	ng/ul#	93
84) 3,3'-Dichlorobenzidine	21.914	252	223546	36.884	ng/ul	93
85) Benzo(a)anthracene	22.002	228	766620	42.101	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.832	149	490602	47.640	ng/ul	98
87) Chrysene	22.078	228	705434	41.541	ng/ul	98
89) Di-n-octyl phthalate	23.159	149	828363	47.787	ng/ul	100
90) Benzo(b)fluoranthene	24.440	252	786400	45.517	ng/ul	97
91) Benzo(k)fluoranthene	24.523	252	764912	42.701	ng/ul	97
93) Benzo(a)pyrene	25.433	252	704295	42.416	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	29.728	276	741492	39.265	ng/ul	96
95) Dibenzo(a,h)anthracene	29.822	278	529389	34.884	ng/ul	98
96) Benzo(g,h,i)perylene	31.062	276	641646	42.180	ng/ul	98

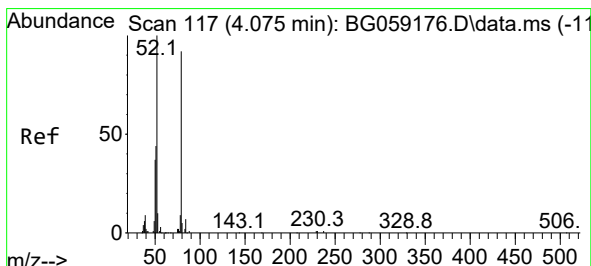
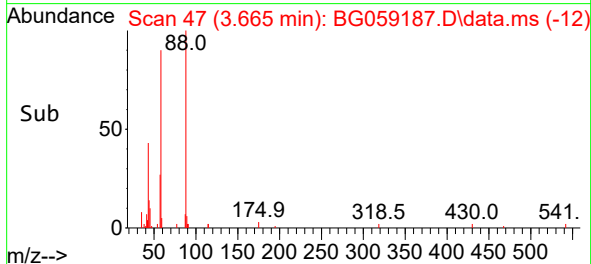
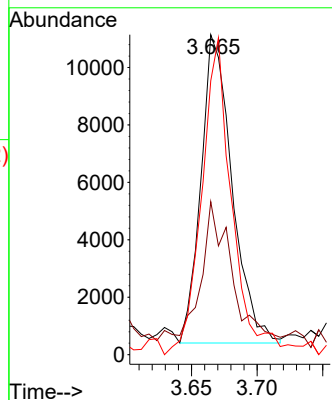
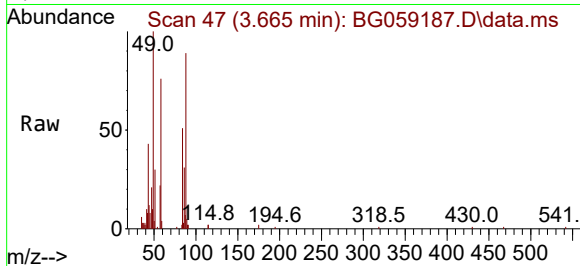
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#2
1,4-Dioxane
Concen: 15.879 ng/uL
RT: 3.665 min Scan# 41
Delta R.T. 0.006 min
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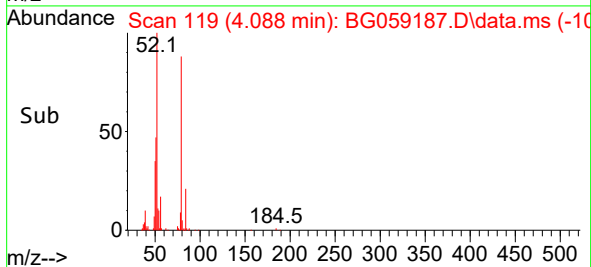
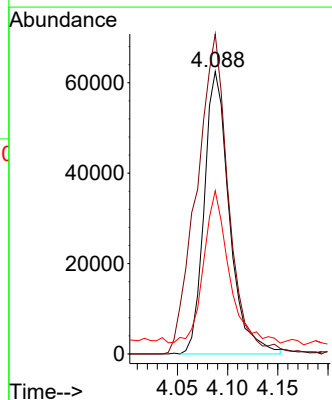
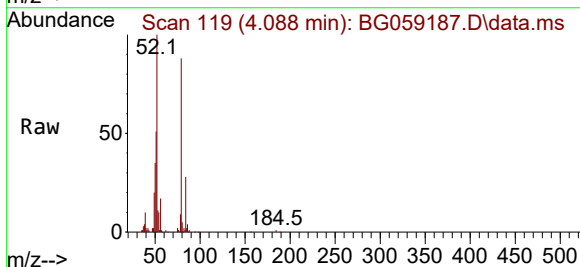
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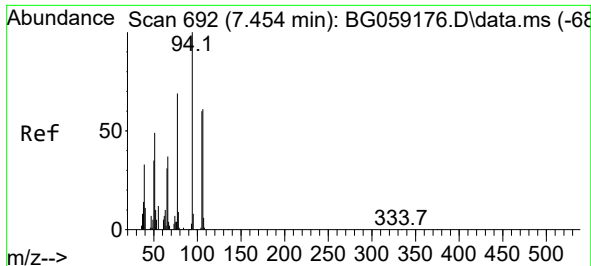
Tgt Ion: 88 Resp: 17722
Ion Ratio Lower Upper
88 100
43 47.8 24.5 36.7#
58 85.6 60.6 91.0



#5
Pyridine
Concen: 37.028 ng/uL
RT: 4.088 min Scan# 119
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 79 Resp: 109257
Ion Ratio Lower Upper
79 100
52 113.3 90.6 135.8
51 57.8 39.6 59.4

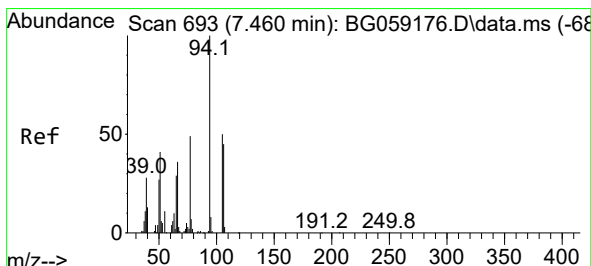
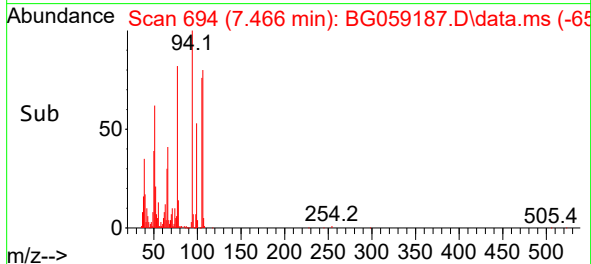
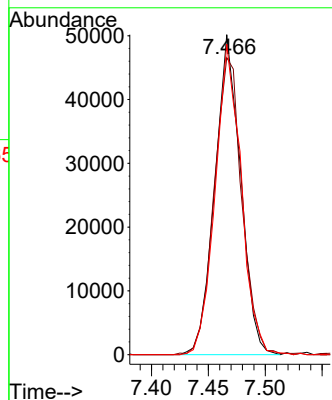
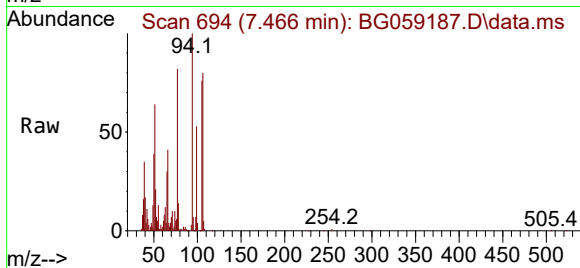




#6
Benzaldehyde
Concen: 40.057 ng/ul
RT: 7.466 min Scan# 691
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

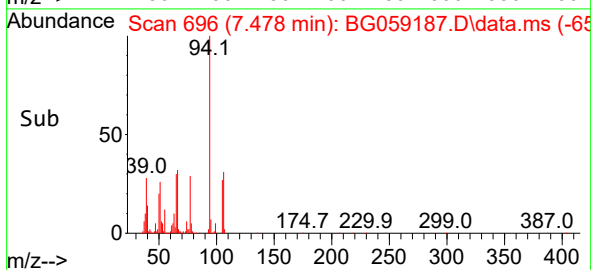
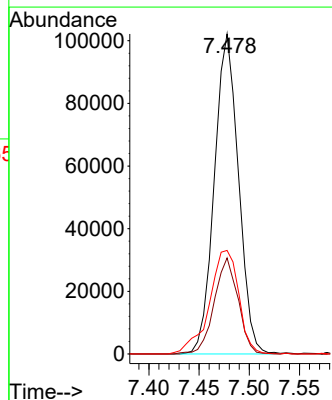
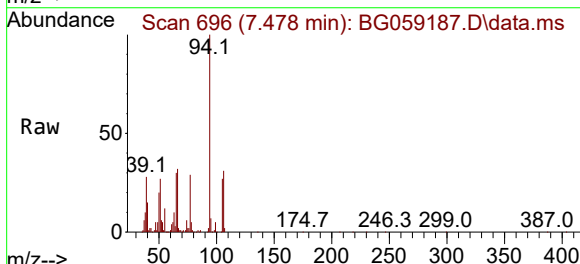
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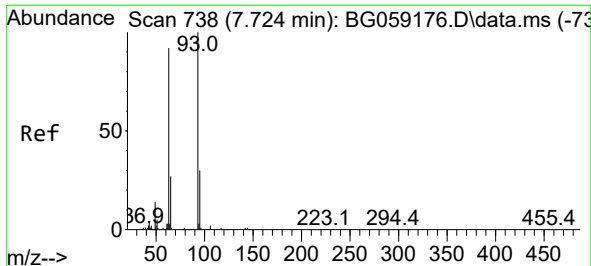
Tgt Ion: 77 Resp: 78905
Ion Ratio Lower Upper
77 100
105 92.8 76.9 115.3
106 97.0 69.4 104.0



#8
Phenol
Concen: 43.672 ng/ul
RT: 7.478 min Scan# 696
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 94 Resp: 170524
Ion Ratio Lower Upper
94 100
65 30.0 24.4 36.6
66 32.4 28.4 42.6

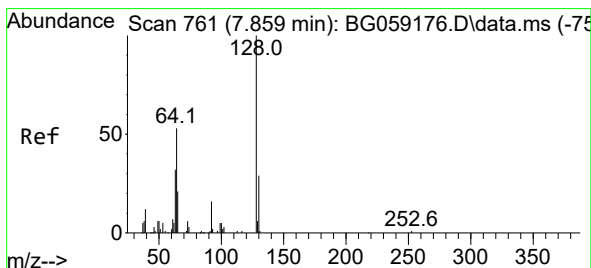
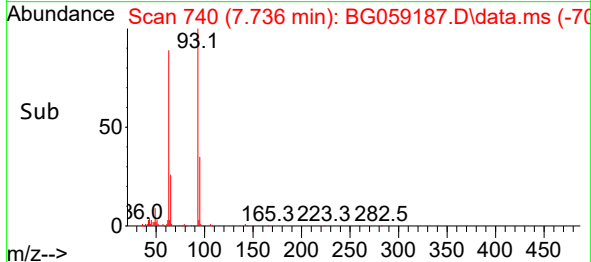
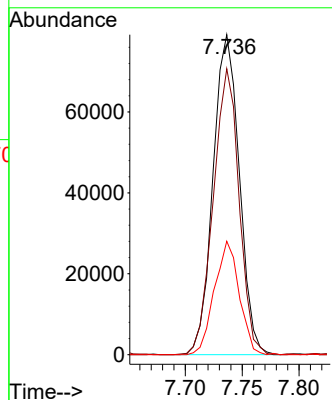
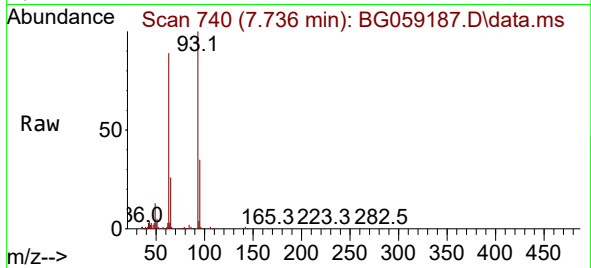




#10
Bis(2-Chloroethyl)ether
Concen: 40.534 ng/ul
RT: 7.736 min Scan# 740
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

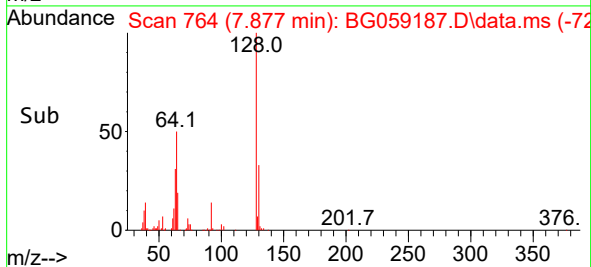
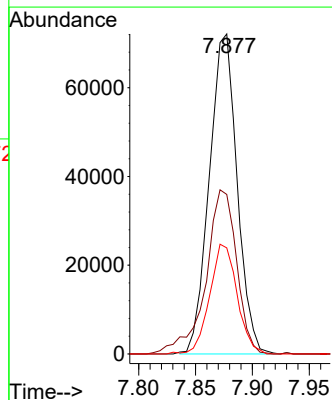
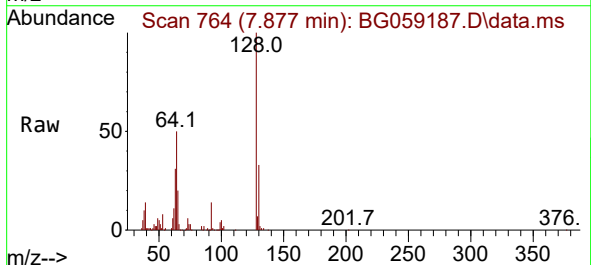
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ClientSampleId :
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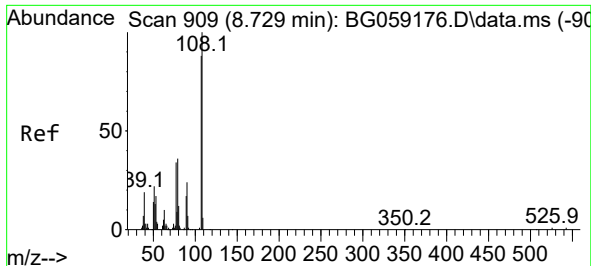
Tgt Ion: 93 Resp: 127073
Ion Ratio Lower Upper
93 100
63 89.4 68.3 102.5
95 35.4 23.8 35.8



#12
2-Chlorophenol
Concen: 42.971 ng/ul
RT: 7.877 min Scan# 764
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:128 Resp: 122908
Ion Ratio Lower Upper
128 100
64 49.8 40.3 60.5
130 33.2 24.0 36.0





#13

2-Methylphenol

Concen: 42.108 ng/ul

RT: 8.753 min Scan# 913

Delta R.T. 0.024 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

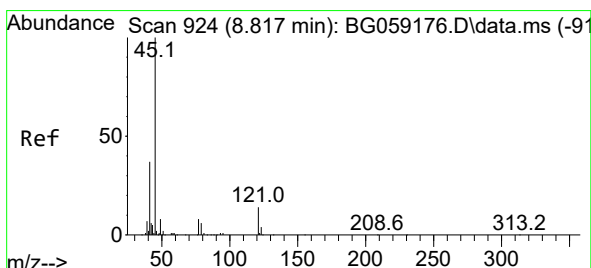
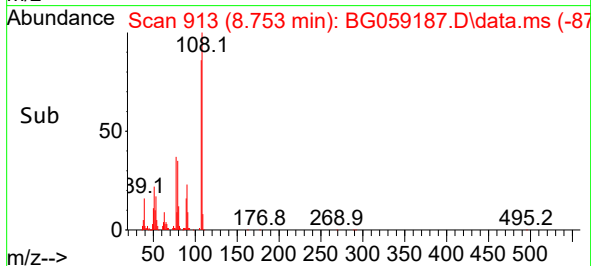
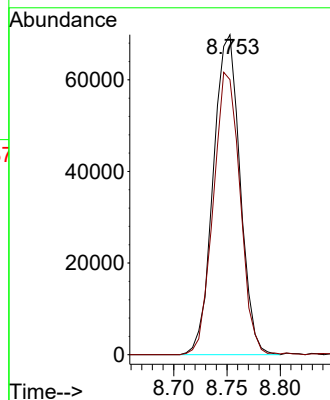
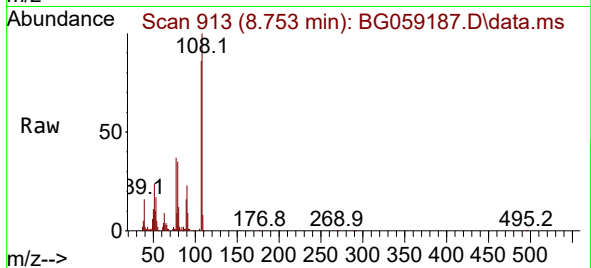
SLCS606

Tgt Ion:108 Resp: 122020

Ion Ratio Lower Upper

108 100

107 85.9 75.1 112.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 41.828 ng/ul

RT: 8.829 min Scan# 926

Delta R.T. 0.012 min

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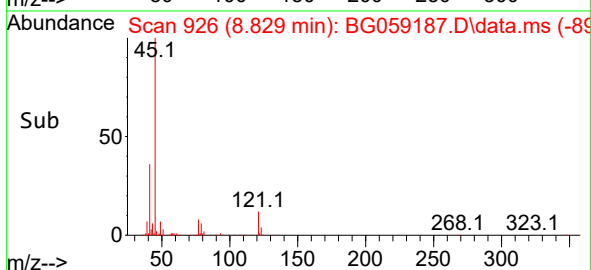
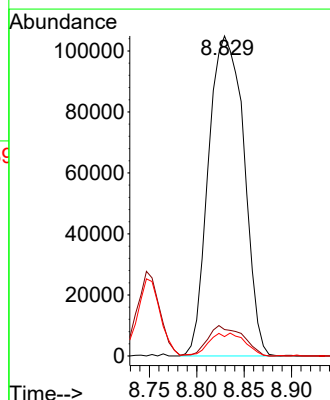
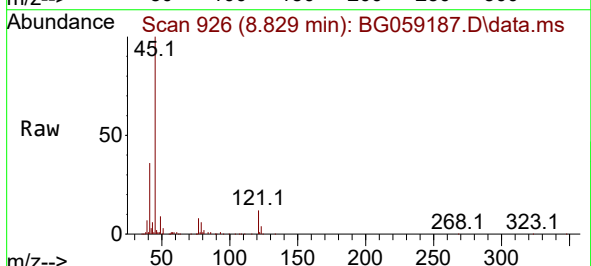
Tgt Ion: 45 Resp: 272252

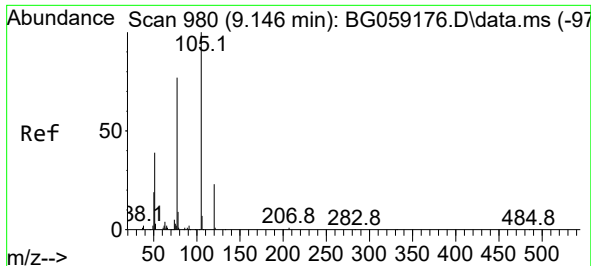
Ion Ratio Lower Upper

45 100

77 8.3 7.8 11.6

79 6.1 5.6 8.4

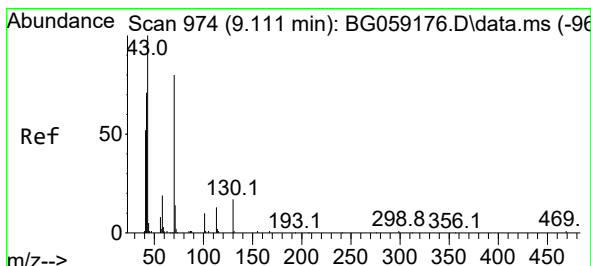
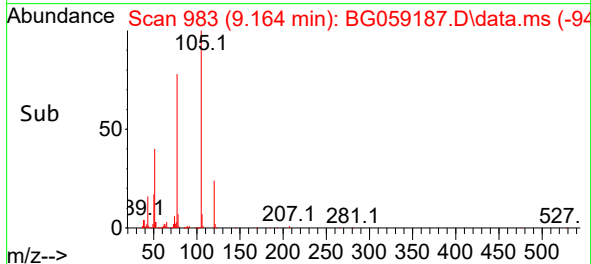
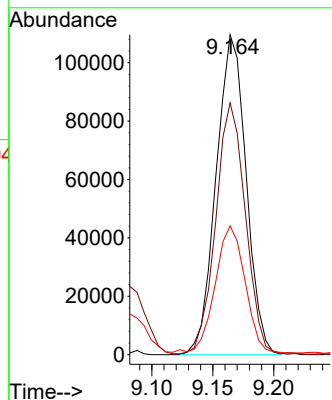
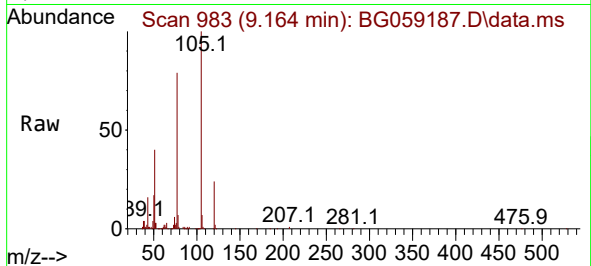




#16
Acetophenone
Concen: 40.315 ng/ul
RT: 9.164 min Scan# 91
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

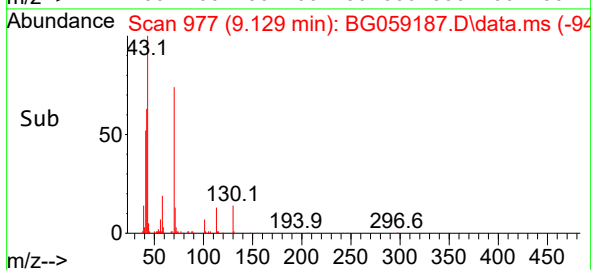
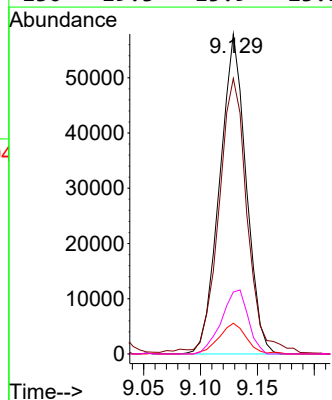
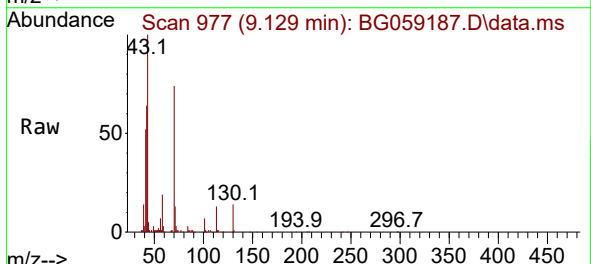
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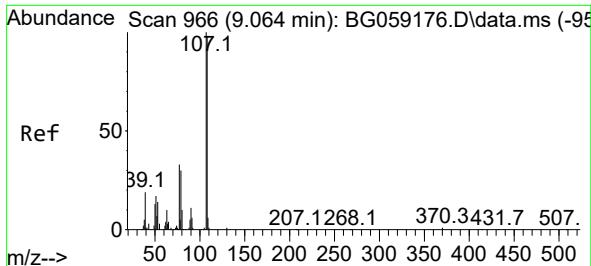
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Ion Ratio Lower Upper
105 100
77 78.7 57.2 85.8
51 40.3 31.6 47.4



#17
N-Nitroso-di-n-propylamine
Concen: 39.819 ng/ul
RT: 9.129 min Scan# 977
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 70 Resp: 93762
Ion Ratio Lower Upper
70 100
42 86.1 67.1 100.7
101 9.6 7.6 11.4
130 19.3 15.9 23.9

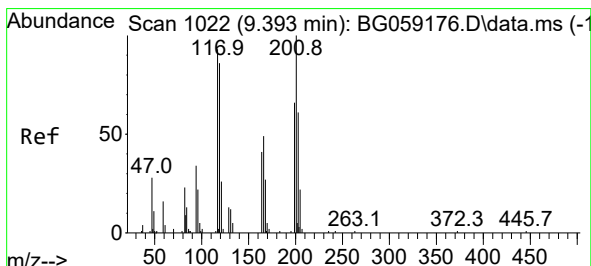
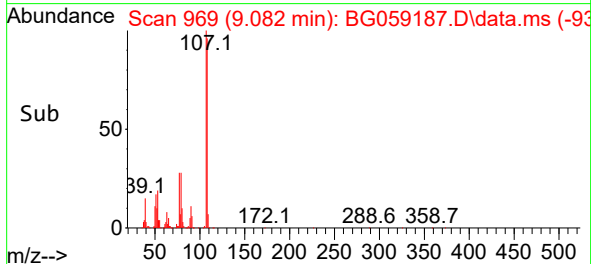
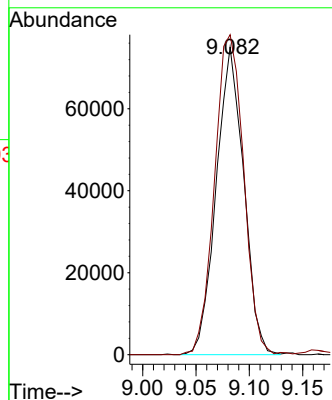
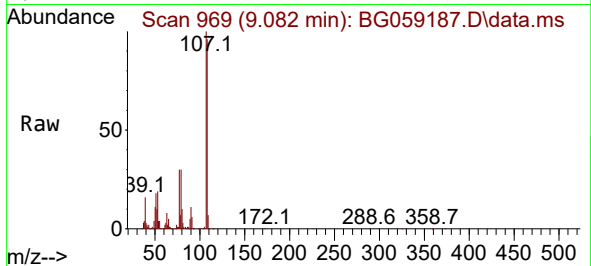




#18
4-Methylphenol
Concen: 43.262 ng/ul
RT: 9.082 min Scan# 90
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

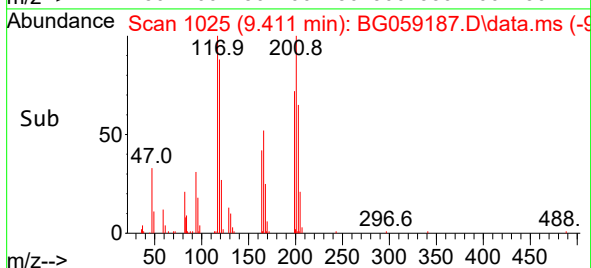
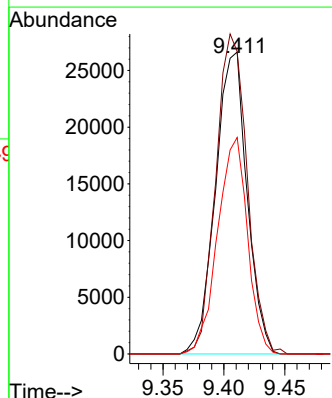
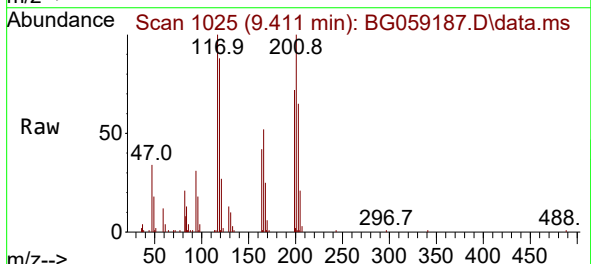
Instrument :
BNA_G
ClientSampleId :
SLCS606

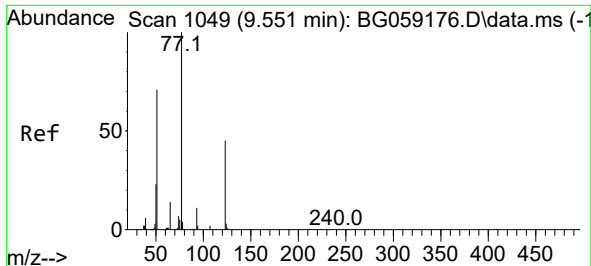
Tgt Ion:108 Resp: 134345
Ion Ratio Lower Upper
108 100
107 104.0 94.4 141.6



#19
Hexachloroethane
Concen: 42.660 ng/ul
RT: 9.411 min Scan# 1025
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:117 Resp: 47974
Ion Ratio Lower Upper
117 100
201 100.2 86.4 129.6
199 71.7 56.2 84.2

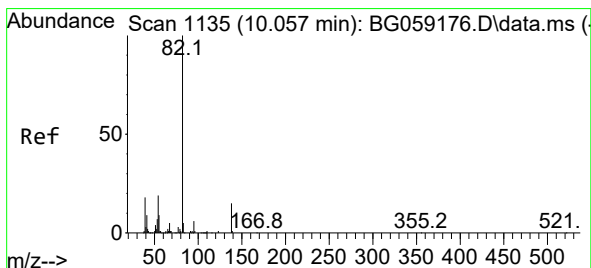
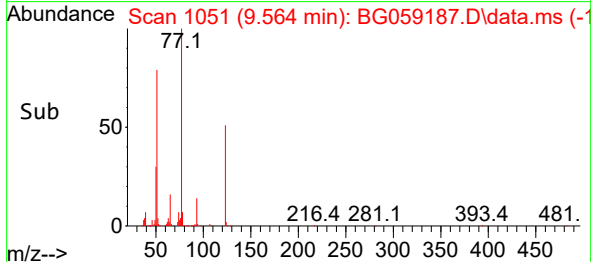
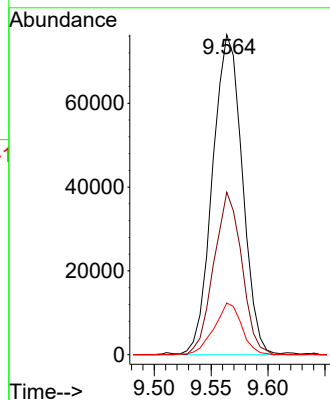
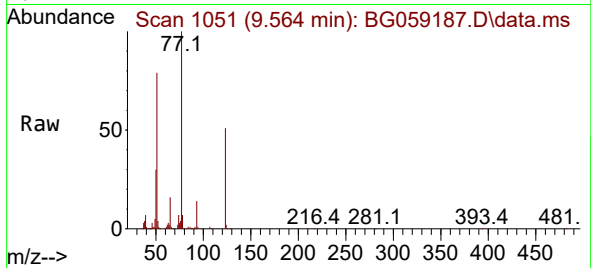




#22
Nitrobenzene
Concen: 41.414 ng/ul
RT: 9.564 min Scan# 1049
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

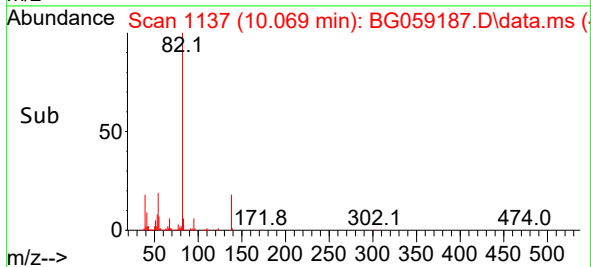
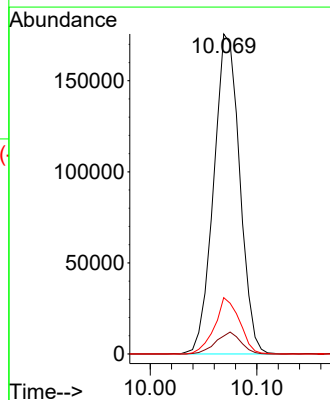
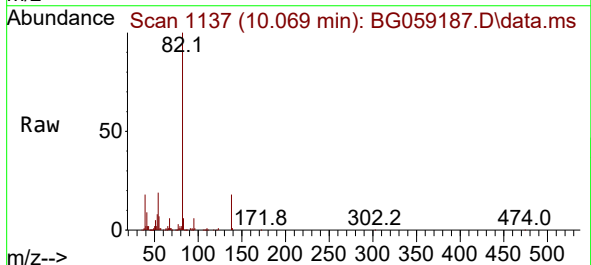
Instrument :
BNA_G
ClientSampleId :
SLCS606

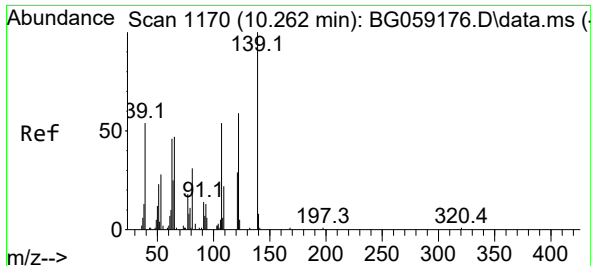
Tgt Ion: 77 Resp: 138929
Ion Ratio Lower Upper
77 100
123 50.8 41.8 62.8
65 16.2 12.3 18.5



#23
Isophorone
Concen: 41.371 ng/ul
RT: 10.069 min Scan# 1137
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion: 82 Resp: 297609
Ion Ratio Lower Upper
82 100
95 5.6 5.4 8.2
138 17.6 12.7 19.1

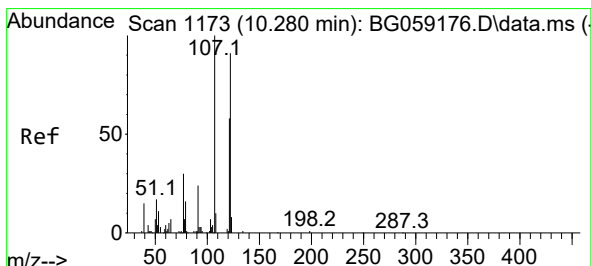
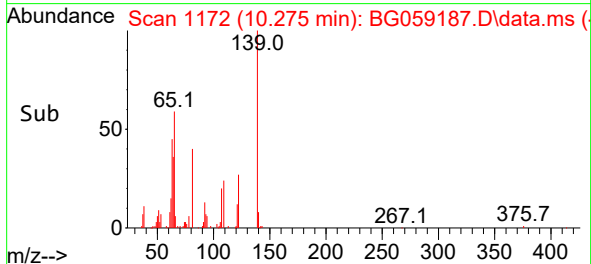
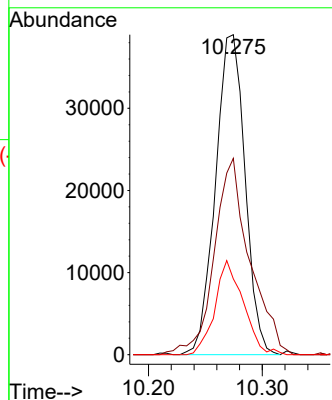
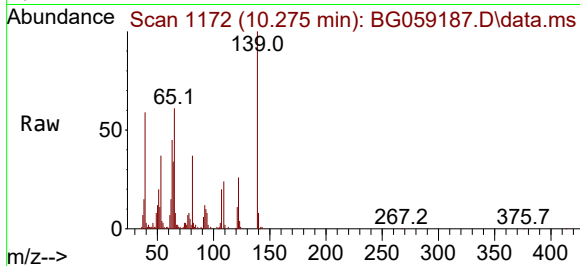




#25
2-Nitrophenol
Concen: 42.108 ng/ul
RT: 10.275 min Scan# 1172
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

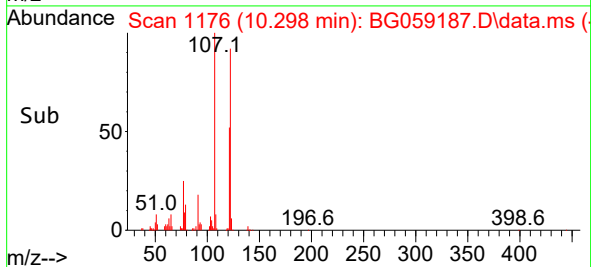
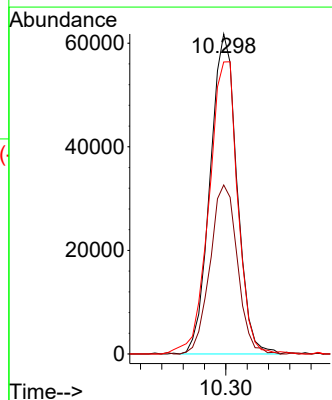
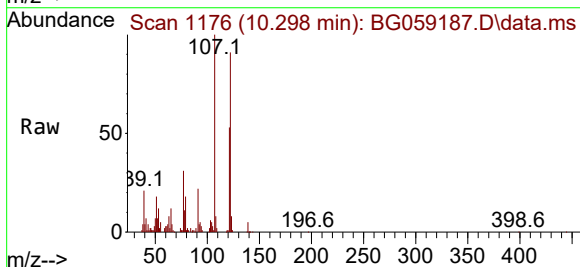
Instrument :
BNA_G
ClientSampleId :
SLCS606

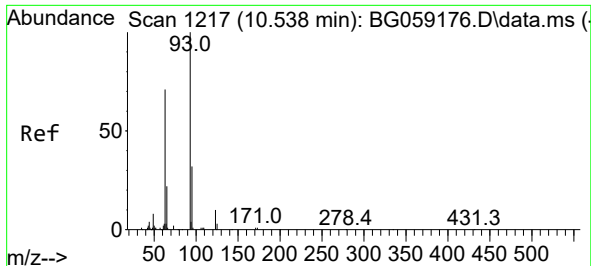
Tgt Ion:139 Resp: 70420
Ion Ratio Lower Upper
139 100
65 61.4 46.4 69.6
109 23.7 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 34.473 ng/ul
RT: 10.298 min Scan# 1176
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:107 Resp: 107788
Ion Ratio Lower Upper
107 100
121 52.8 41.4 62.0
122 91.3 80.6 120.8





#27

Bis(2-Chloroethoxy)methane

Concen: 40.735 ng/ul

RT: 10.551 min Scan# 1219

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

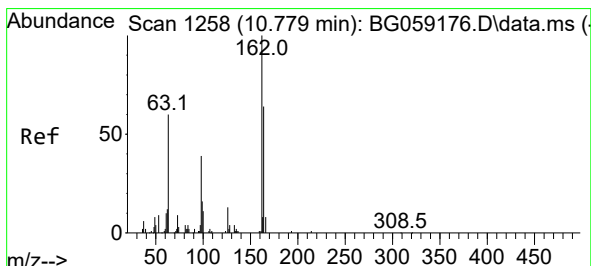
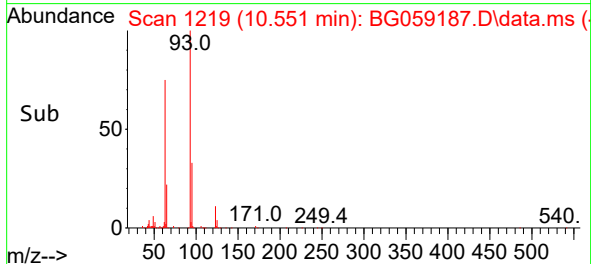
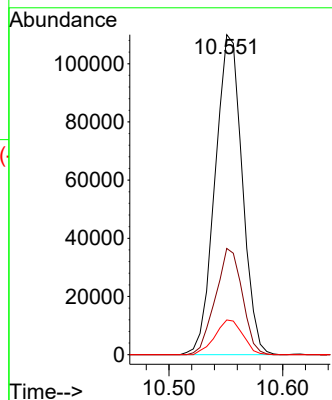
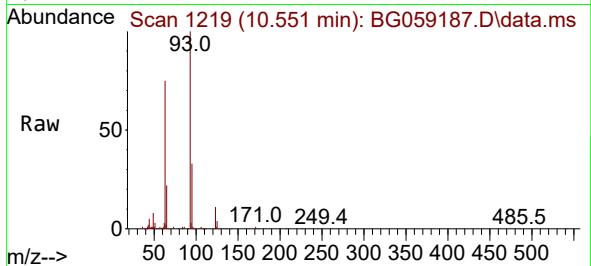
Tgt Ion: 93 Resp: 182305

Ion Ratio Lower Upper

93 100

95 33.2 26.1 39.1

123 10.9 8.7 13.1



#29

2,4-Dichlorophenol

Concen: 44.753 ng/ul

RT: 10.797 min Scan# 1261

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

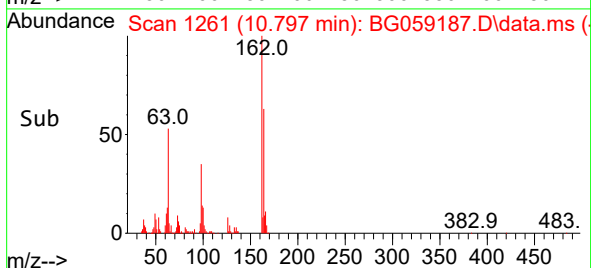
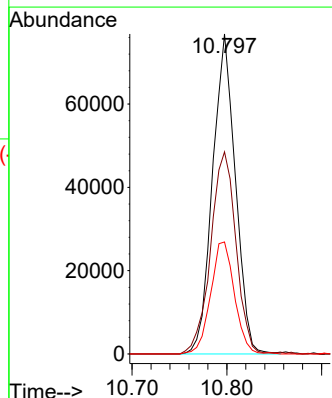
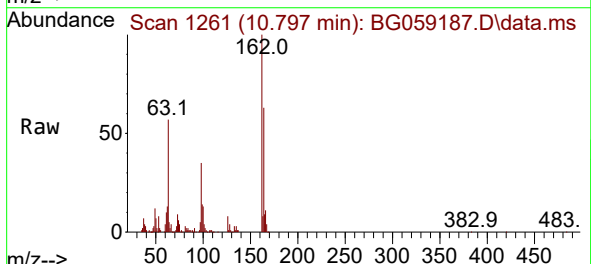
Tgt Ion:162 Resp: 128528

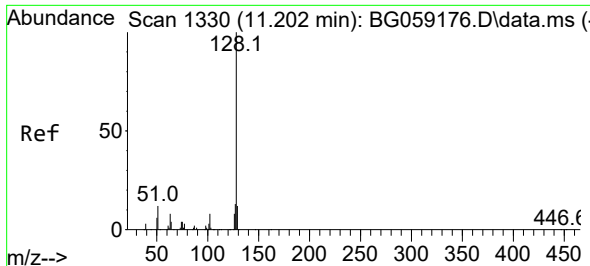
Ion Ratio Lower Upper

162 100

164 63.1 49.8 74.8

98 35.0 25.9 38.9

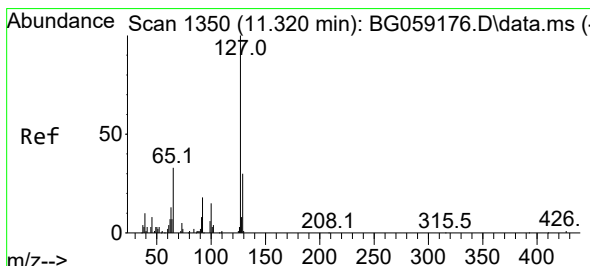
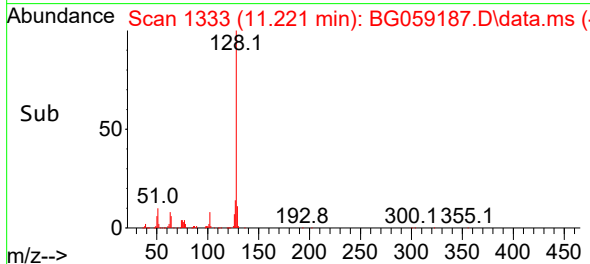
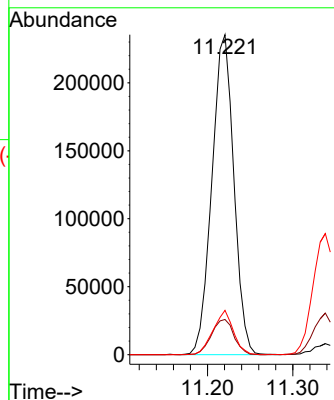
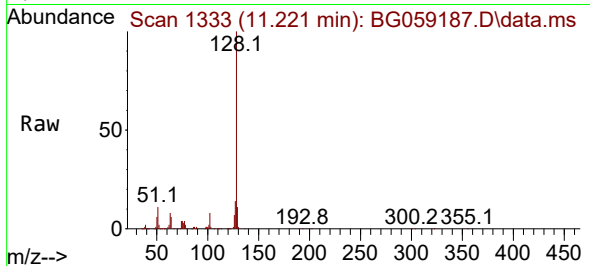




#30
Naphthalene
Concen: 40.954 ng/ul
RT: 11.221 min Scan# 11
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

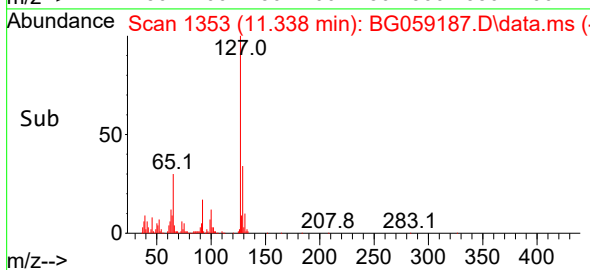
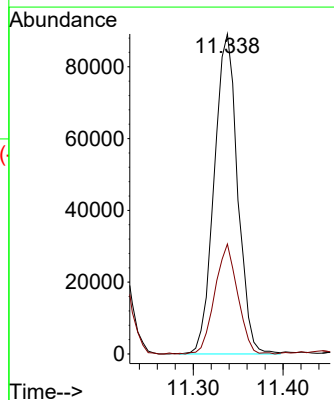
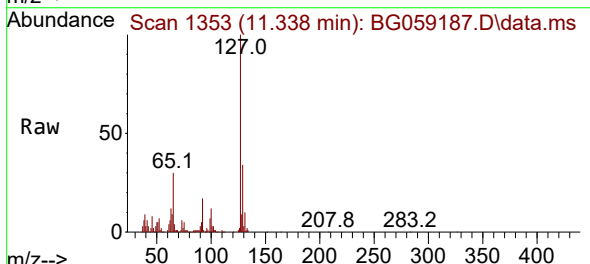
Instrument :
BNA_G
ClientSampleId :
SLCS606

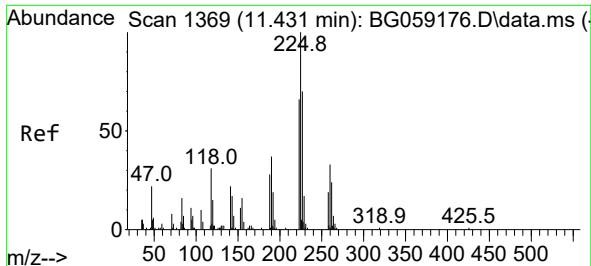
Tgt Ion:128 Resp: 420718
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 13.8 10.2 15.4



#32
4-Chloroaniline
Concen: 37.033 ng/ul
RT: 11.338 min Scan# 1353
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:127 Resp: 161648
Ion Ratio Lower Upper
127 100
129 34.4 27.2 40.8

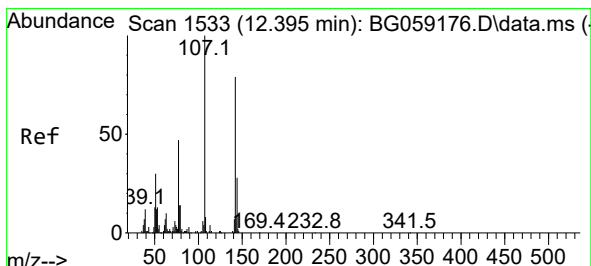
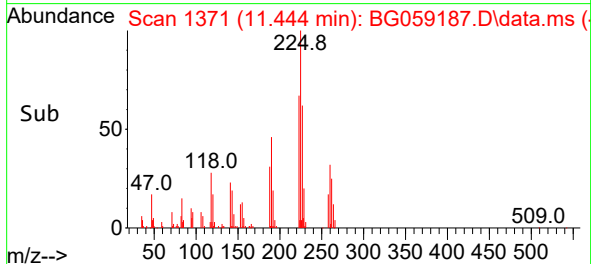
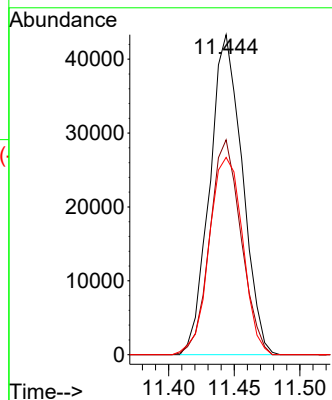
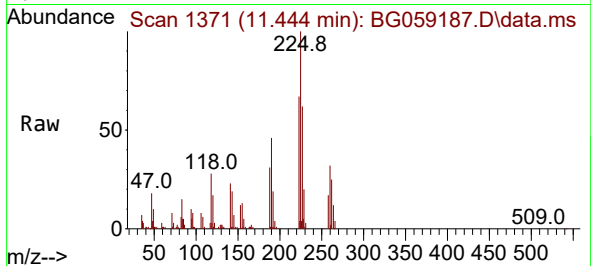




#33
Hexachlorobutadiene
Concen: 40.510 ng/ul
RT: 11.444 min Scan# 11
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

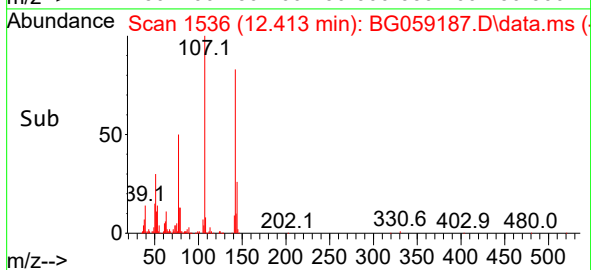
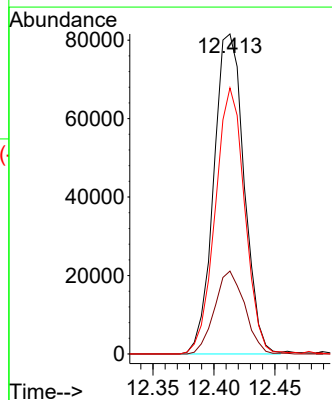
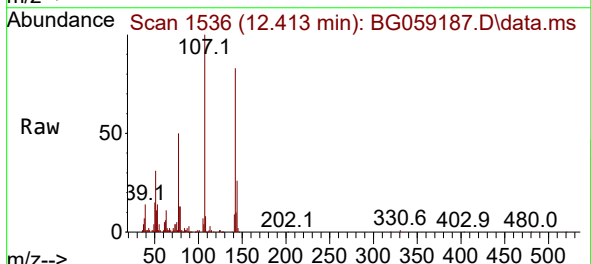
Instrument :
BNA_G
ClientSampleId :
SLCS606

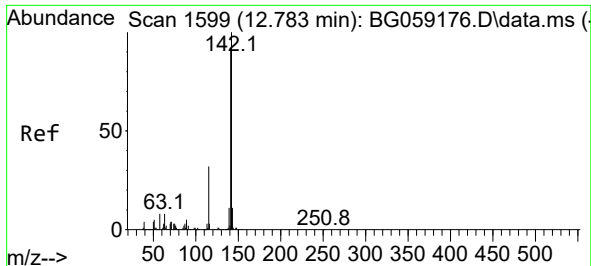
Tgt Ion:225 Resp: 74884
Ion Ratio Lower Upper
225 100
223 67.1 39.0 58.4#
227 61.7 45.7 68.5



#35
4-Chloro-3-methylphenol
Concen: 46.722 ng/ul
RT: 12.413 min Scan# 1536
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:107 Resp: 141338
Ion Ratio Lower Upper
107 100
144 25.9 20.1 30.1
142 83.2 62.7 94.1

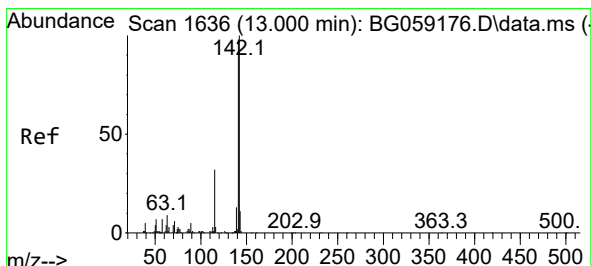
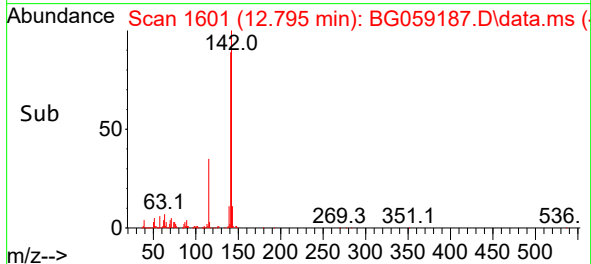
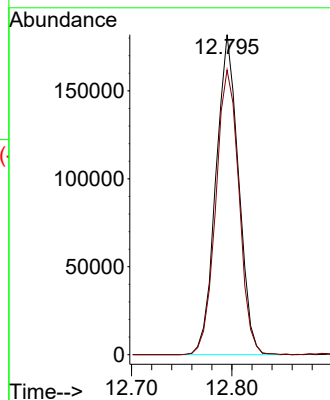
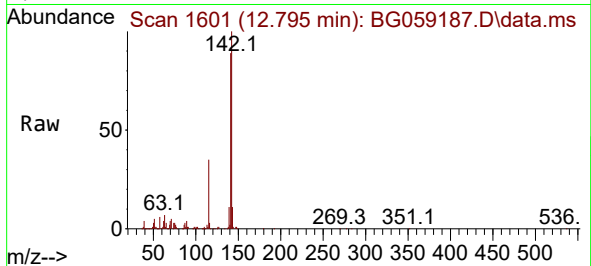




#36
2-Methylnaphthalene
Concen: 41.497 ng/ul
RT: 12.795 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

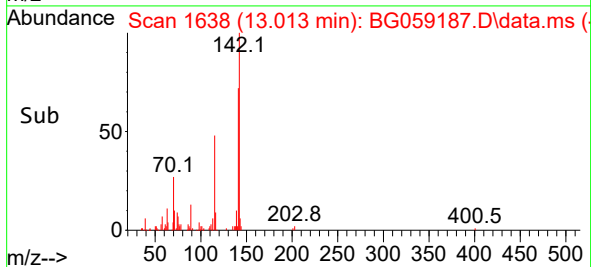
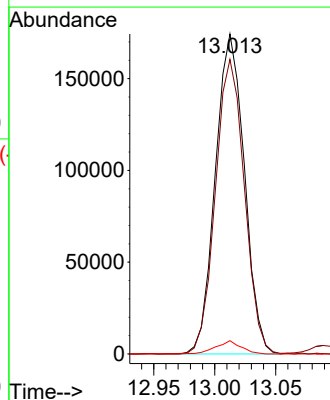
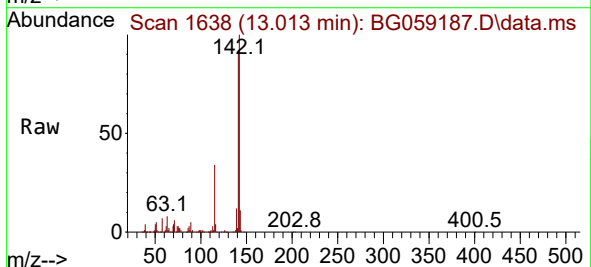
Instrument :
BNA_G
ClientSampleId :
SLCS606

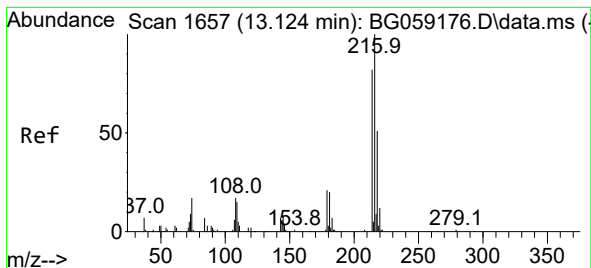
Tgt Ion:142 Resp: 284712
Ion Ratio Lower Upper
142 100
141 89.0 70.6 106.0



#37
1-Methylnaphthalene
Concen: 41.588 ng/ul
RT: 13.013 min Scan# 1638
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:142 Resp: 288239
Ion Ratio Lower Upper
142 100
141 92.1 72.0 108.0
116 4.1 2.7 4.1#

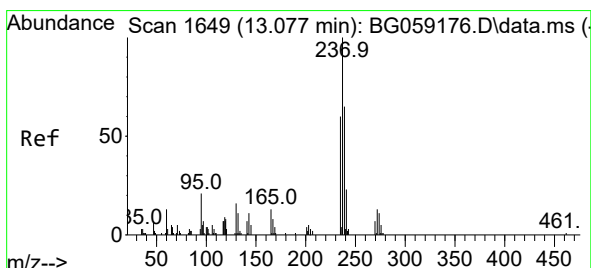
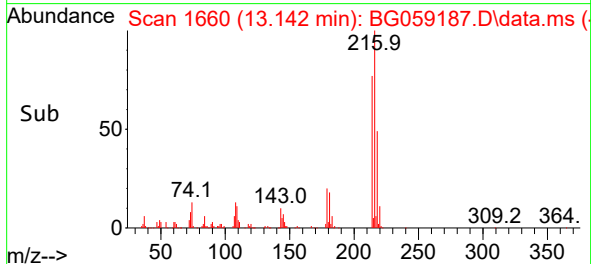
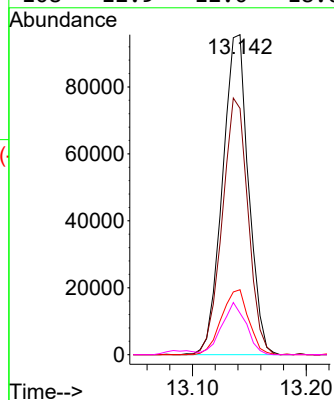
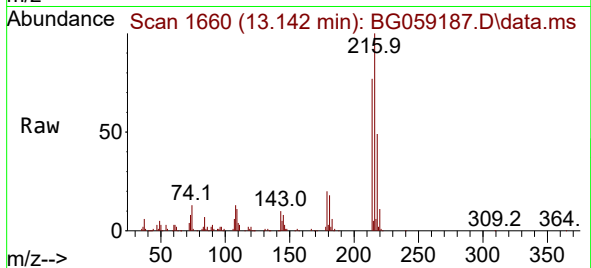




#39
1,2,4,5-Tetrachlorobenzene
Concen: 40.918 ng/ul
RT: 13.142 min Scan# 1
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

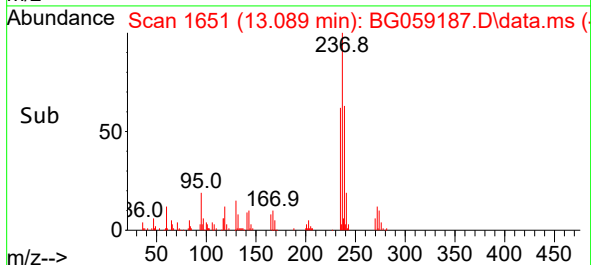
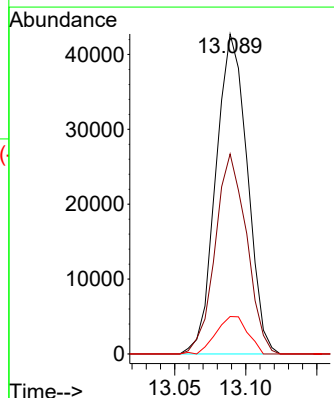
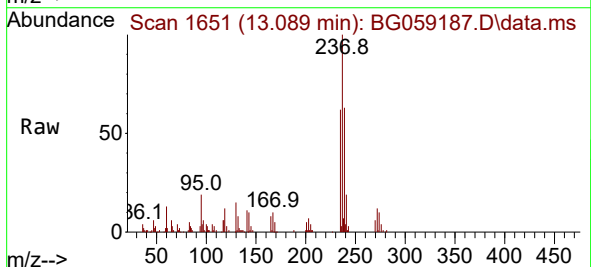
Instrument :
BNA_G
ClientSampleId :
SLCS606

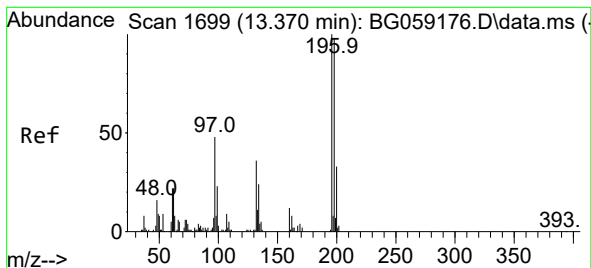
Tgt Ion:	216	Resp:	152341
Ion Ratio	Lower	Upper	
216	100		
214	77.0	62.6	94.0
179	20.3	16.0	24.0
108	12.9	12.0	18.0



#40
Hexachlorocyclopentadiene
Concen: 27.698 ng/ul
RT: 13.089 min Scan# 1651
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:	237	Resp:	65744
Ion Ratio	Lower	Upper	
237	100		
235	62.5	51.6	77.4
272	13.1	10.6	15.8





#41

2,4,6-Trichlorophenol

Concen: 44.475 ng/ul

RT: 13.383 min Scan# 1

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

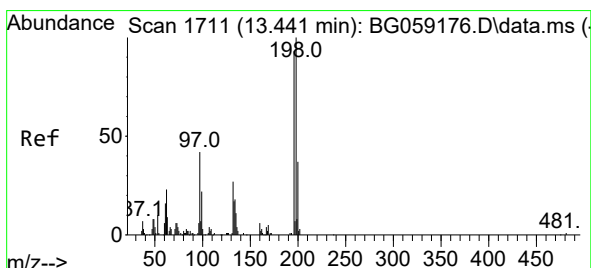
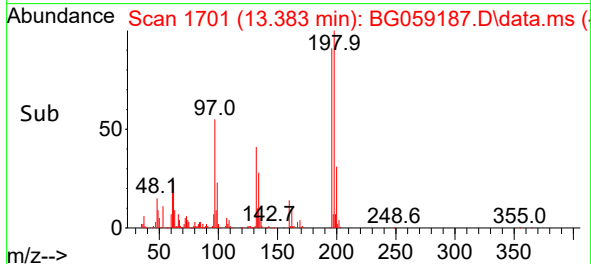
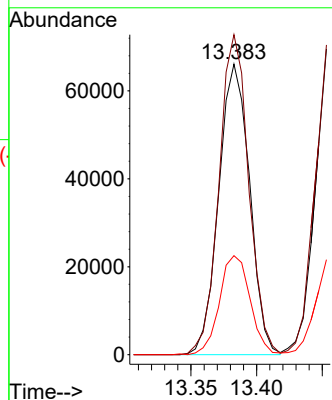
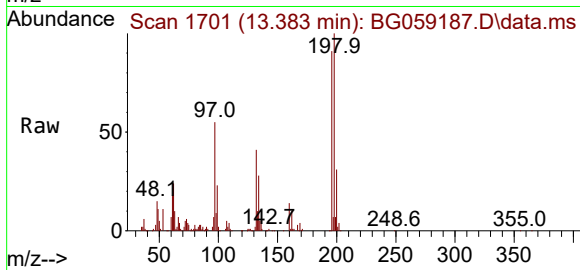
Tgt Ion:196 Resp: 108130

Ion Ratio Lower Upper

196 100

198 110.1 78.5 117.7

200 34.1 24.4 36.6



#42

2,4,5-Trichlorophenol

Concen: 45.815 ng/ul

RT: 13.459 min Scan# 1714

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

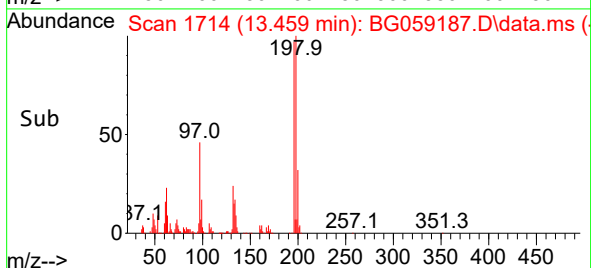
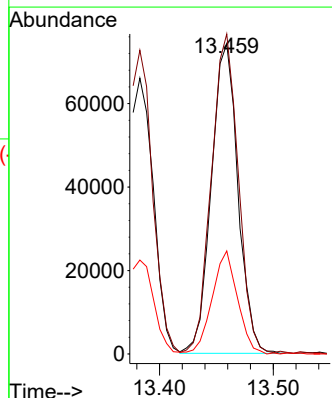
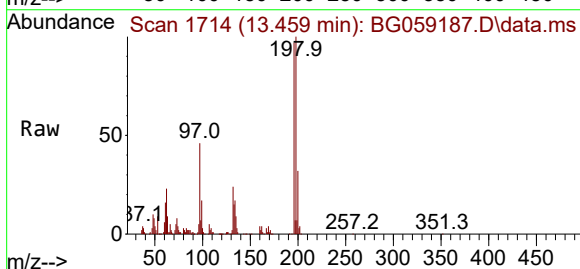
Tgt Ion:196 Resp: 120486

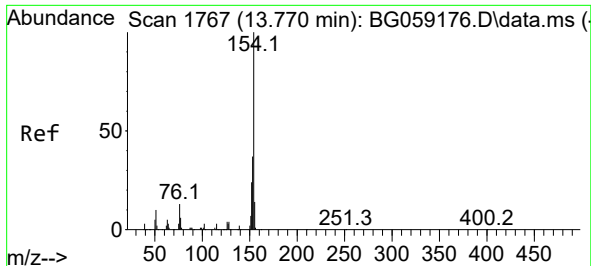
Ion Ratio Lower Upper

196 100

198 103.2 81.0 121.6

200 33.2 27.1 40.7

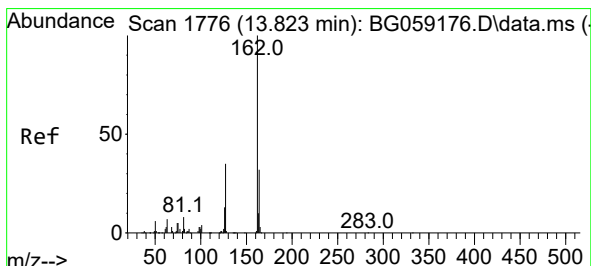
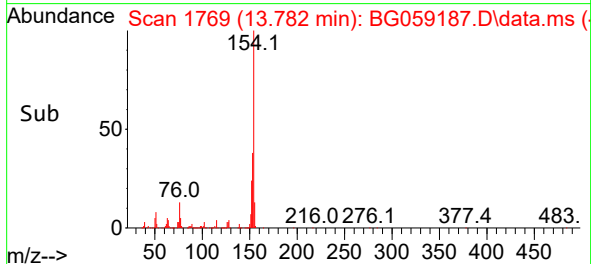
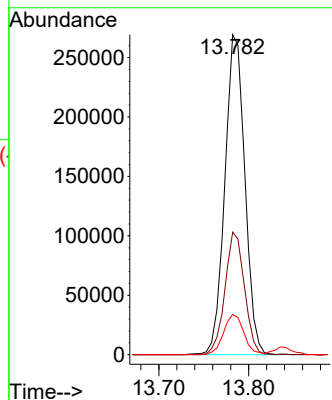
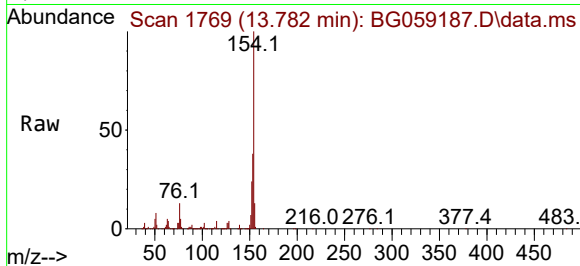




#43
1,1'-Biphenyl
Concen: 41.142 ng/ul
RT: 13.782 min Scan# 1769
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

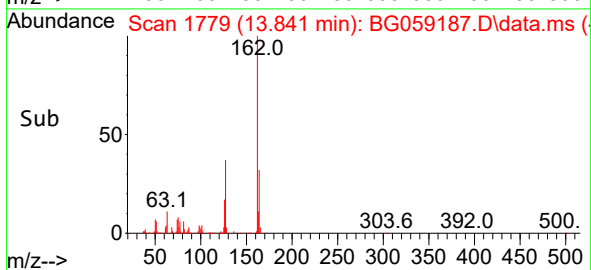
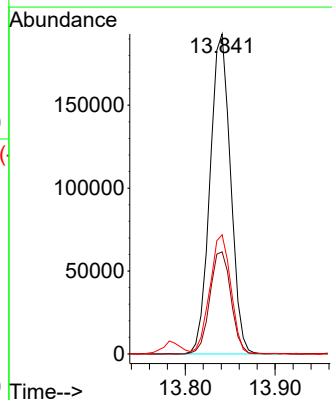
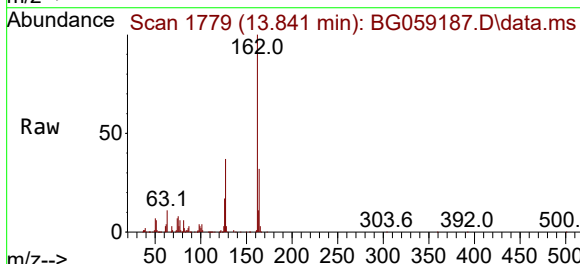
Instrument :
BNA_G
ClientSampleId :
SLCS606

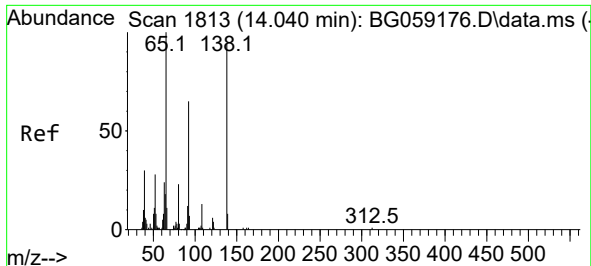
Tgt Ion:154 Resp: 417047
Ion Ratio Lower Upper
154 100
153 38.3 33.2 49.8
76 12.6 9.8 14.8



#44
2-Chloronaphthalene
Concen: 39.648 ng/ul
RT: 13.841 min Scan# 1779
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:162 Resp: 306872
Ion Ratio Lower Upper
162 100
164 31.9 27.2 40.8
127 37.3 27.4 41.2

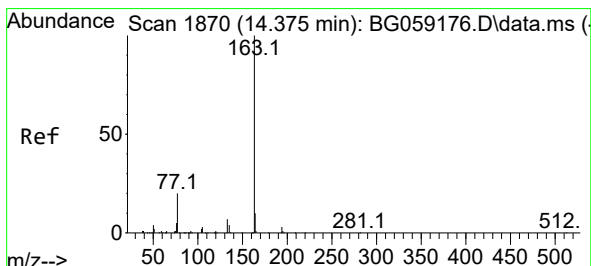
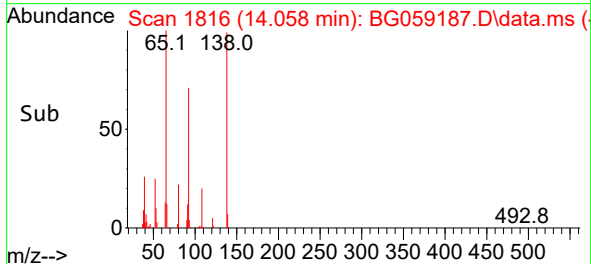
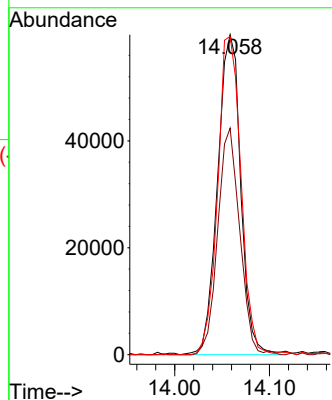
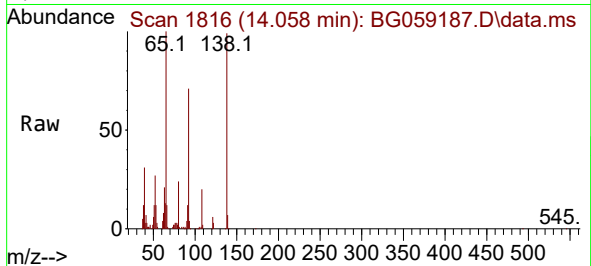




#45
2-Nitroaniline
Concen: 41.285 ng/ul
RT: 14.058 min Scan# 1816
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

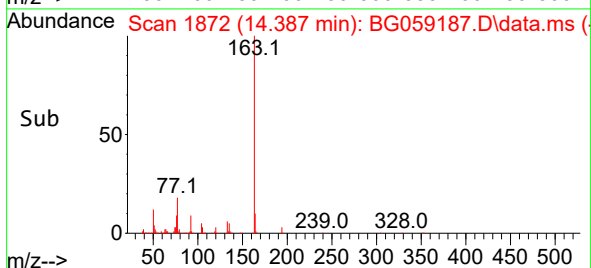
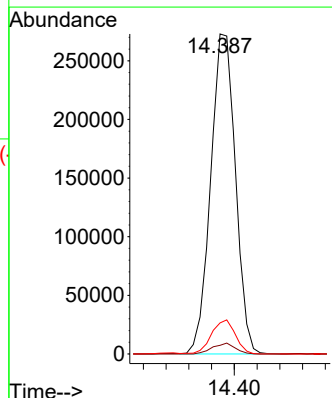
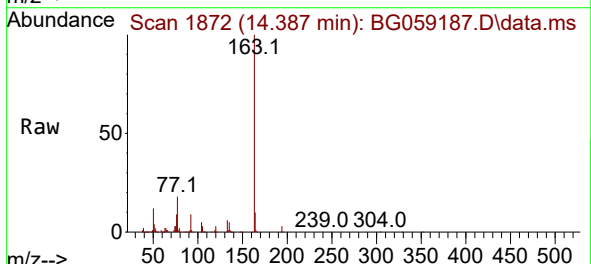
Instrument :
BNA_G
ClientSampleId :
SLCS606

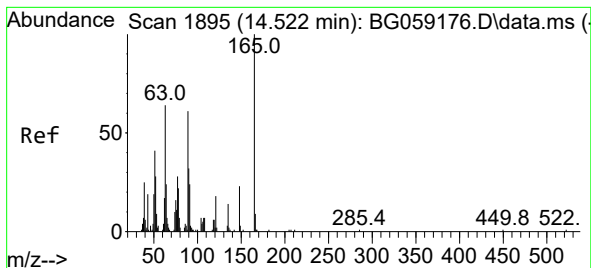
Tgt Ion: 65 Resp: 101292
Ion Ratio Lower Upper
65 100
92 70.8 53.6 80.4
138 99.5 79.8 119.6



#47
Dimethylphthalate
Concen: 41.455 ng/ul
RT: 14.387 min Scan# 1872
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:163 Resp: 413547
Ion Ratio Lower Upper
163 100
194 2.7 2.8 4.2#
164 9.7 7.6 11.4





#48

2,6-Dinitrotoluene

Concen: 46.118 ng/ul

RT: 14.534 min Scan# 1895

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

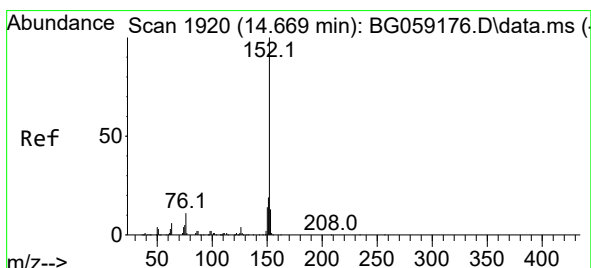
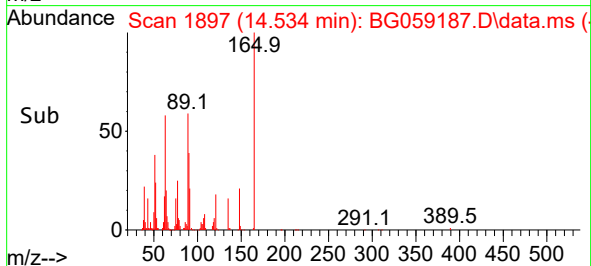
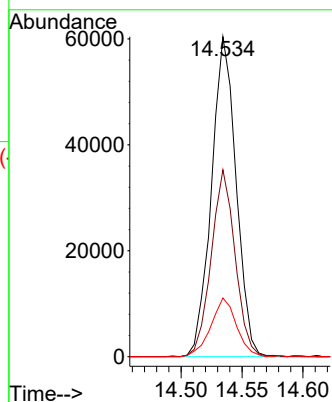
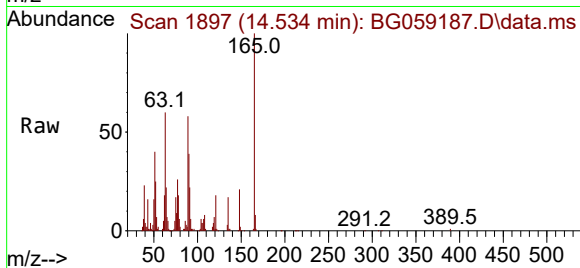
Tgt Ion:165 Resp: 85016

Ion Ratio Lower Upper

165 100

89 58.4 38.7 58.1#

121 18.3 13.4 20.0



#50

Acenaphthylene

Concen: 41.318 ng/ul

RT: 14.681 min Scan# 1922

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

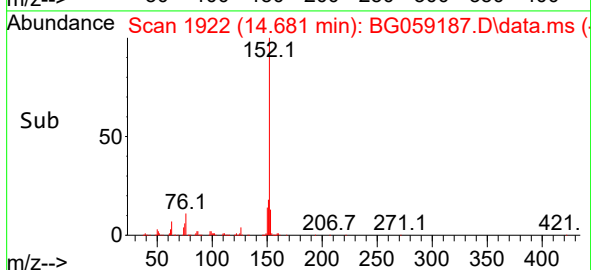
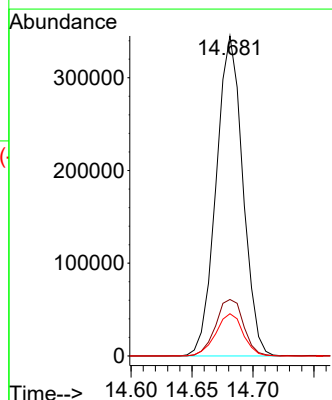
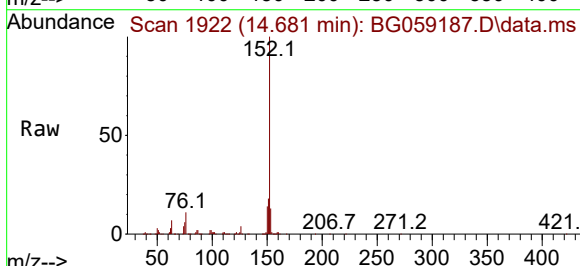
Tgt Ion:152 Resp: 524847

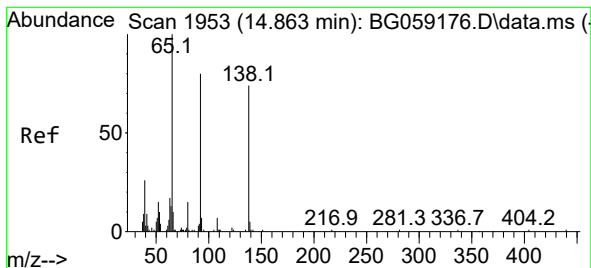
Ion Ratio Lower Upper

152 100

151 17.6 15.8 23.6

153 13.2 11.3 16.9

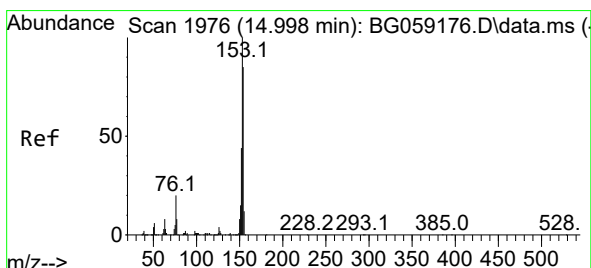
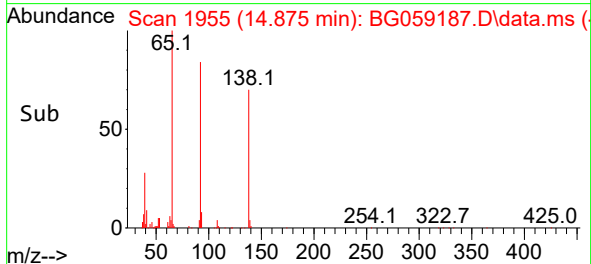
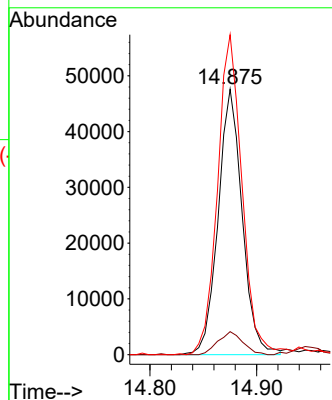
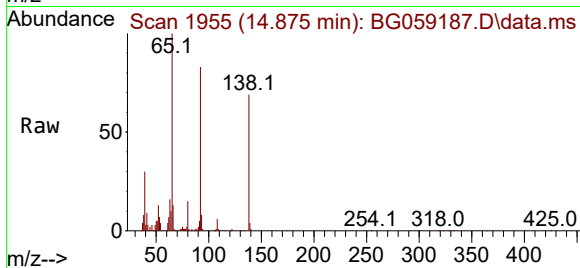




#51
3-Nitroaniline
Concen: 36.639 ng/ul
RT: 14.875 min Scan# 1955
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

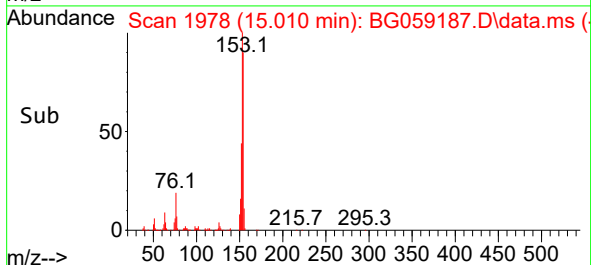
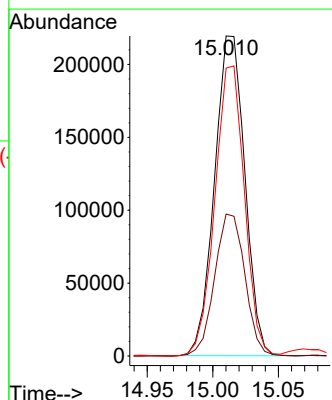
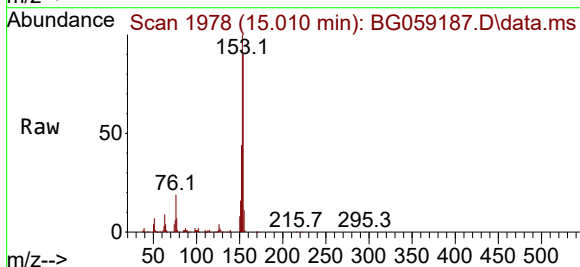
Instrument :
BNA_G
ClientSampleId :
SLCS606

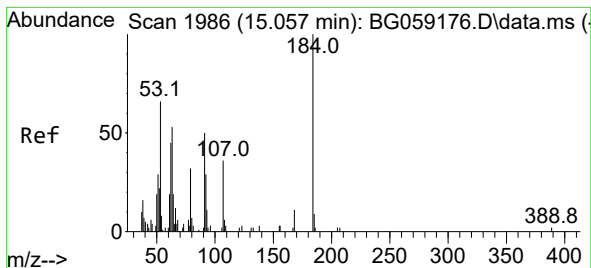
Tgt Ion:138 Resp: 74525
Ion Ratio Lower Upper
138 100
108 8.7 7.4 11.2
92 120.6 93.4 140.0



#52
Acenaphthene
Concen: 40.926 ng/ul
RT: 15.010 min Scan# 1978
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:153 Resp: 352544
Ion Ratio Lower Upper
153 100
152 44.4 36.0 54.0
154 90.0 71.3 106.9

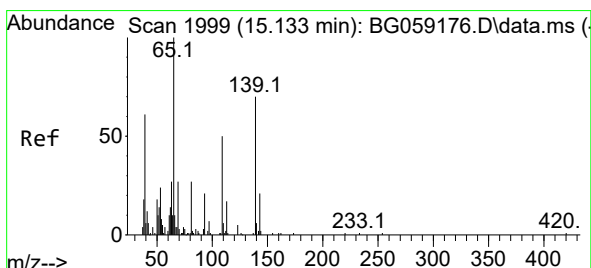
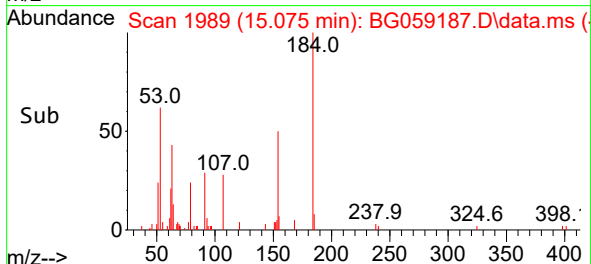
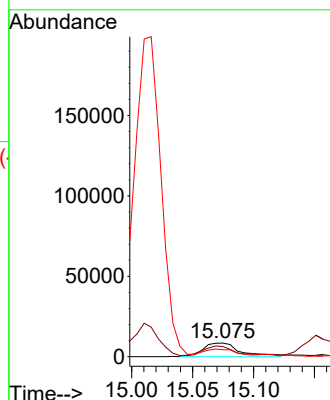
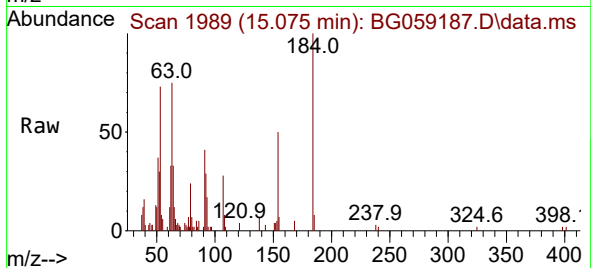




#53
2,4-Dinitrophenol
Concen: 16.228 ng/ul
RT: 15.075 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

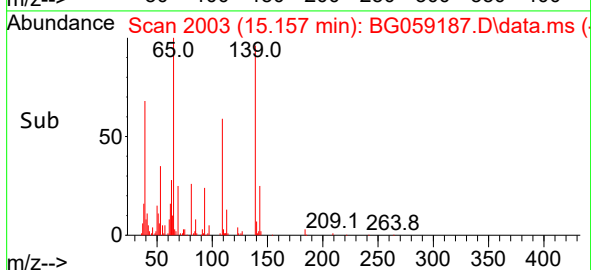
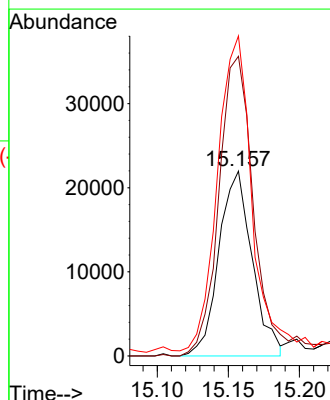
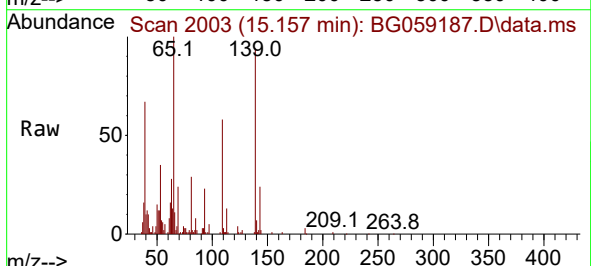
Instrument :
BNA_G
ClientSampleId :
SLCS606

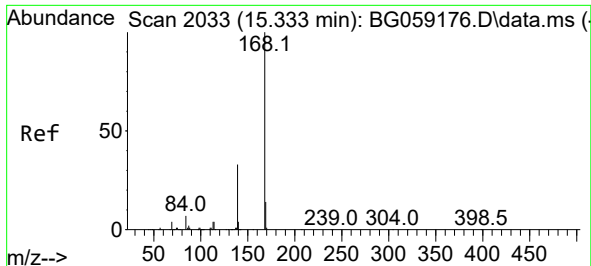
Tgt Ion:184 Resp: 18025
Ion Ratio Lower Upper
184 100
63 75.0 53.5 80.3
154 50.4 54.6 81.8#



#55
4-Nitrophenol
Concen: 30.426 ng/ul
RT: 15.157 min Scan# 2003
Delta R.T. 0.024 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:109 Resp: 35833
Ion Ratio Lower Upper
109 100
139 162.1 114.5 171.7
65 173.1 132.1 198.1

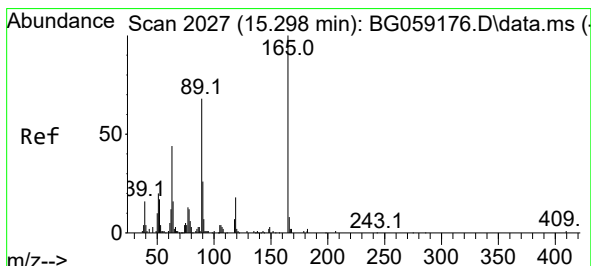
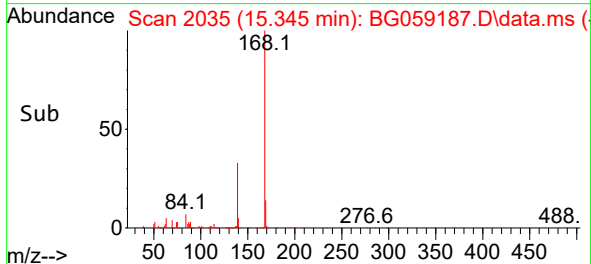
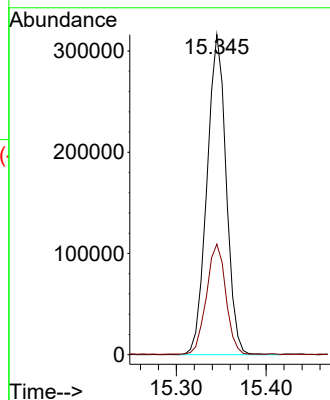
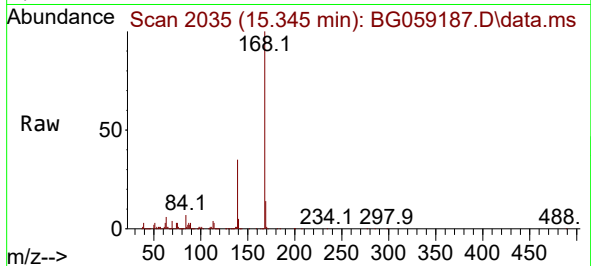




#56
Dibenzofuran
Concen: 41.103 ng/ul
RT: 15.345 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

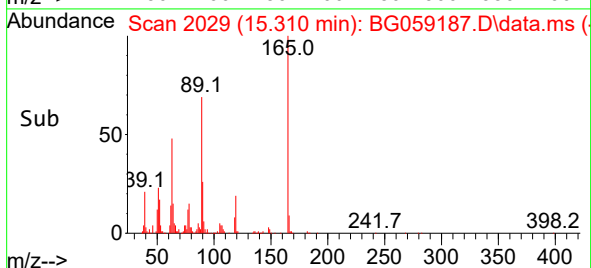
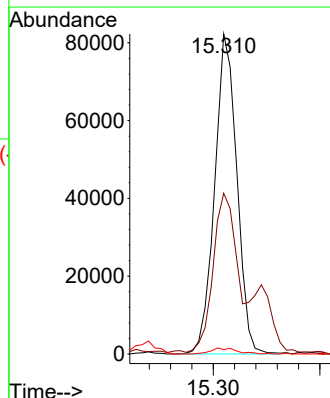
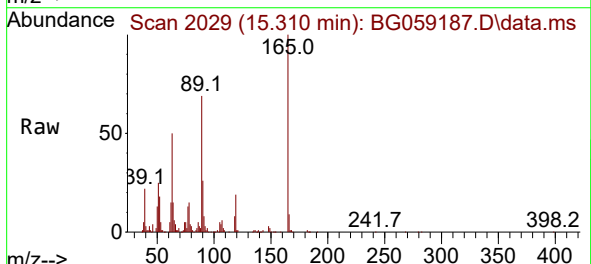
Instrument :
BNA_G
ClientSampleId :
SLCS606

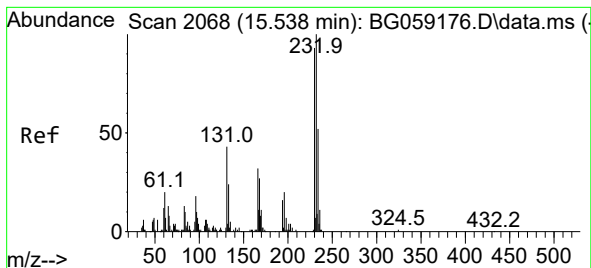
Tgt Ion:168 Resp: 469632
Ion Ratio Lower Upper
168 100
139 34.6 26.3 39.5



#57
2,4-Dinitrotoluene
Concen: 44.681 ng/ul
RT: 15.310 min Scan# 2029
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:165 Resp: 118749
Ion Ratio Lower Upper
165 100
63 50.2 40.0 60.0
182 1.4 2.1 3.1#

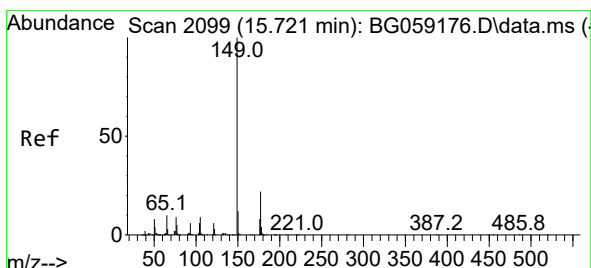
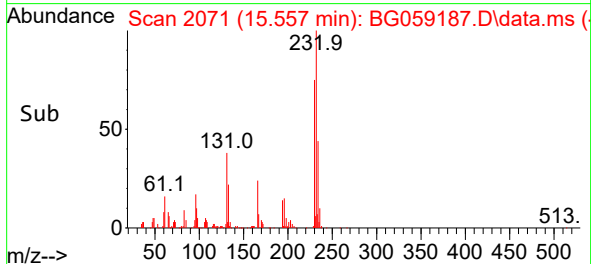
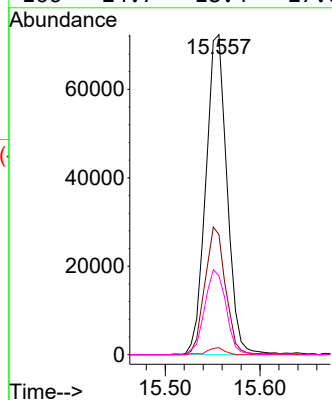
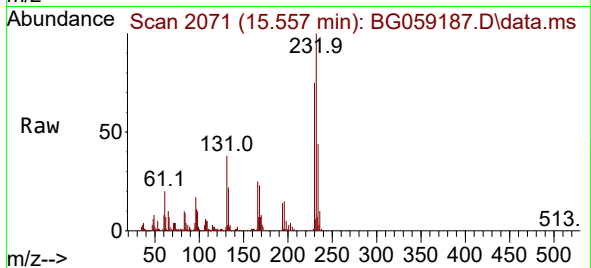




#58
2,3,4,6-Tetrachlorophenol
Concen: 46.124 ng/ul
RT: 15.557 min Scan# 2068
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

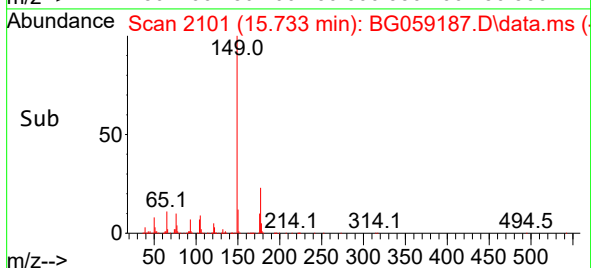
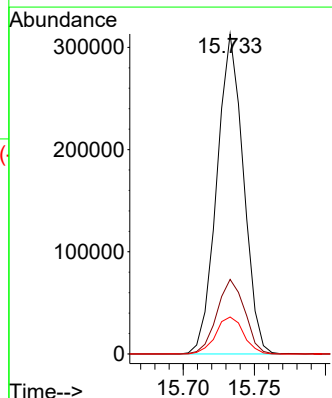
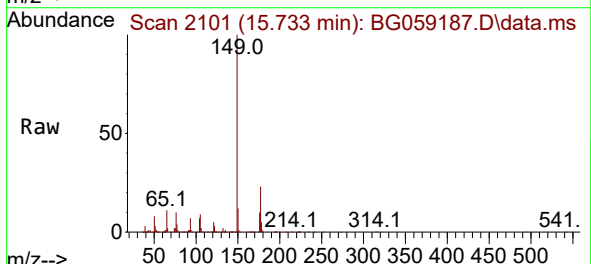
Instrument :
BNA_G
ClientSampleId :
SLCS606

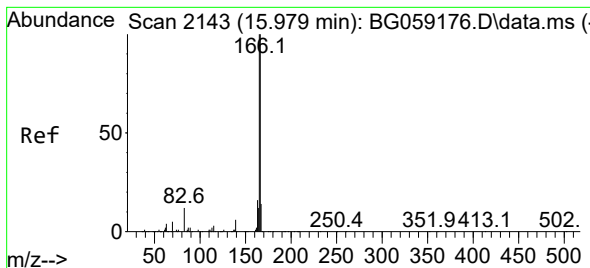
Tgt Ion:232	Resp:	112279
Ion Ratio	Lower	Upper
232	100	
131	37.5	25.8 38.8
130	2.2	1.8 2.6
166	24.7	18.4 27.6



#59
Diethylphthalate
Concen: 41.410 ng/ul
RT: 15.733 min Scan# 2101
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:149	Resp:	407065
Ion Ratio	Lower	Upper
149	100	
177	23.3	19.4 29.2
150	11.5	9.8 14.8





#61

Fluorene

Concen: 41.452 ng/ul

RT: 15.991 min Scan# 2145

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

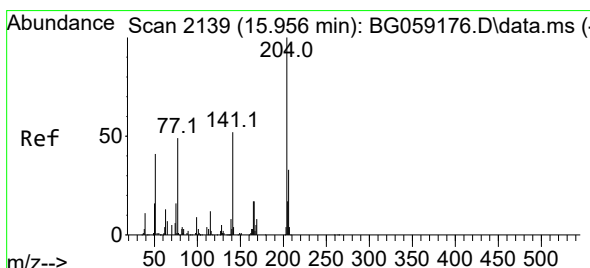
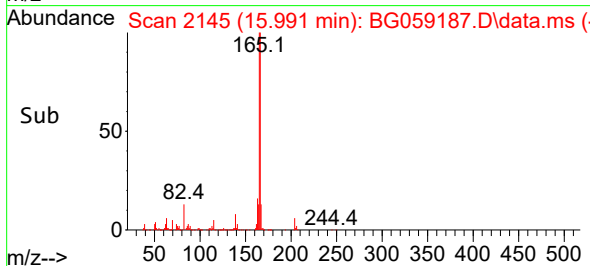
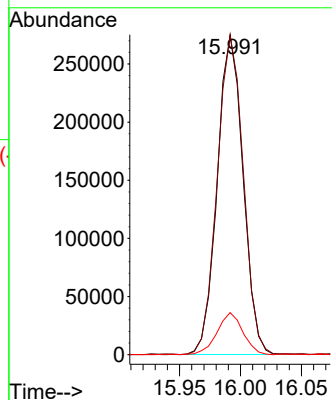
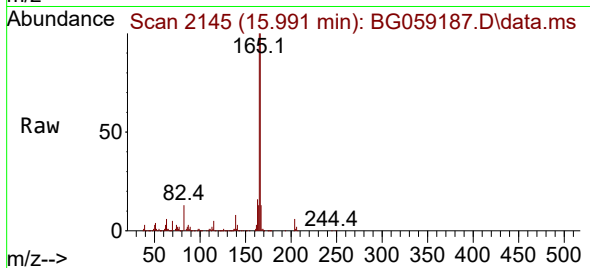
Tgt Ion:166 Resp: 404406

Ion Ratio Lower Upper

166 100

165 100.3 81.6 122.4

167 13.2 12.1 18.1



#62

4-Chlorophenyl-phenylether

Concen: 41.952 ng/ul

RT: 15.974 min Scan# 2142

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

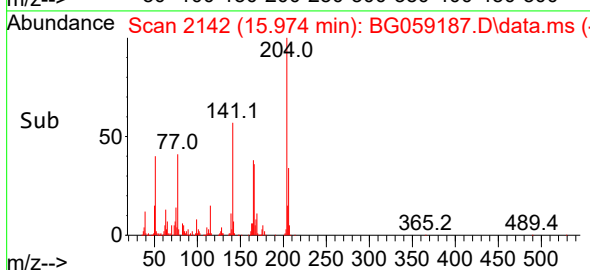
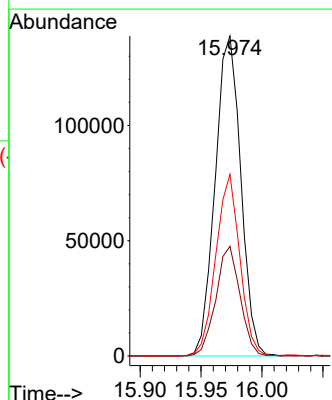
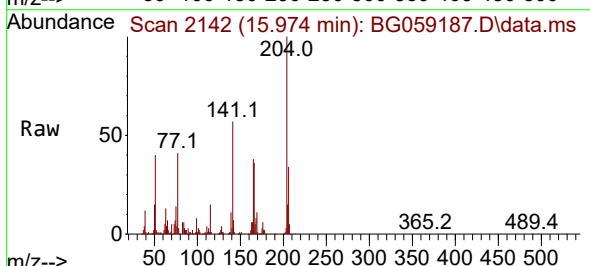
Tgt Ion:204 Resp: 203131

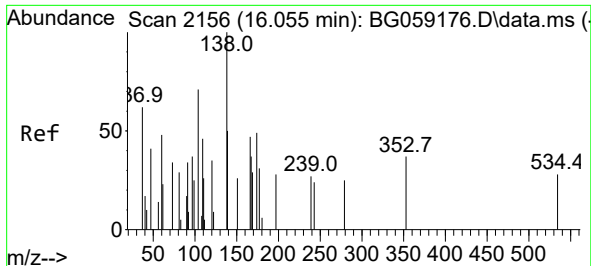
Ion Ratio Lower Upper

204 100

206 34.3 28.2 42.2

141 56.8 43.4 65.0

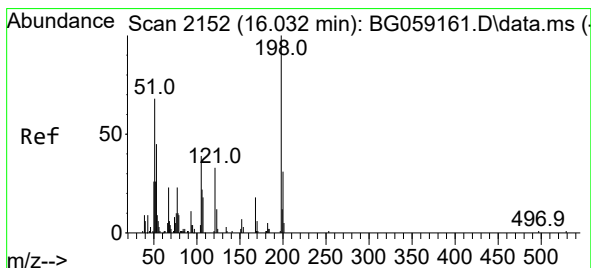
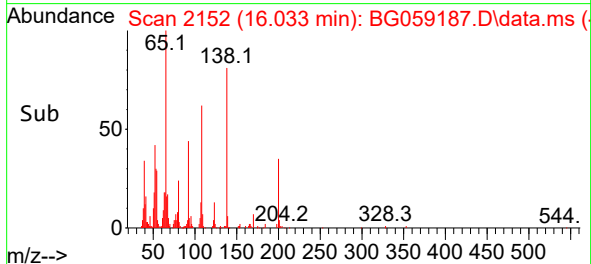
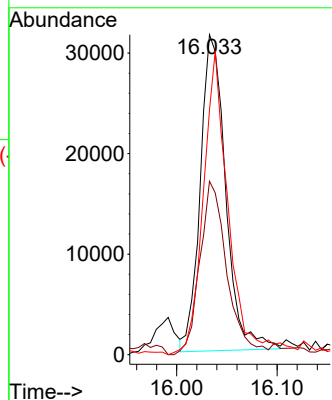
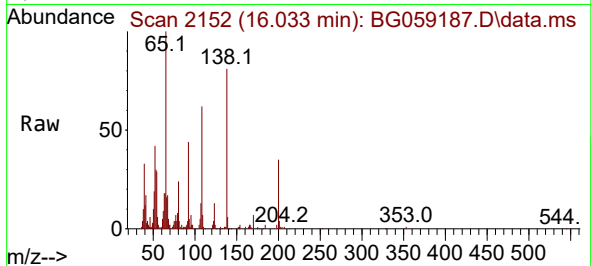




#63
4-Nitroaniline
Concen: 29.370 ng/ul
RT: 16.033 min Scan# 2156
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

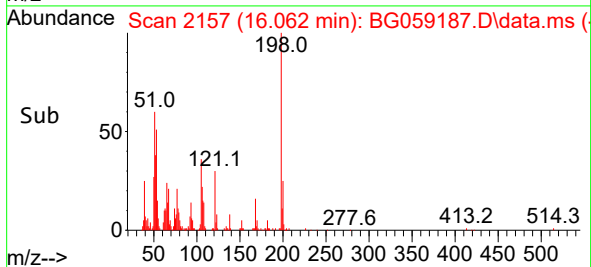
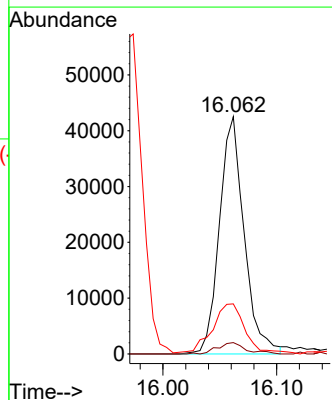
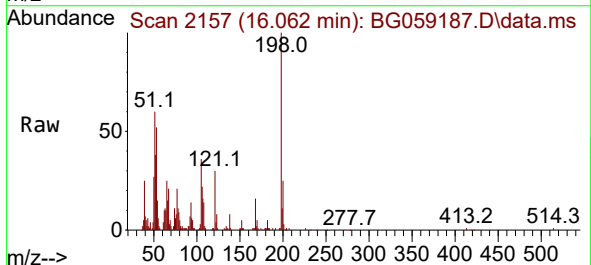
Instrument :
BNA_G
ClientSampleId :
SLCS606

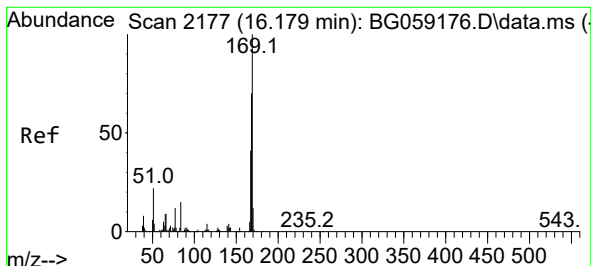
Tgt Ion:138 Resp: 55377
Ion Ratio Lower Upper
138 100
92 54.2 39.0 58.6
108 76.4 53.5 80.3



#66
4,6-Dinitro-2-methylphenol
Concen: 36.156 ng/ul
RT: 16.062 min Scan# 2157
Delta R.T. 0.018 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:198 Resp: 64331
Ion Ratio Lower Upper
198 100
182 4.8 3.5 5.3
77 21.1 17.3 25.9

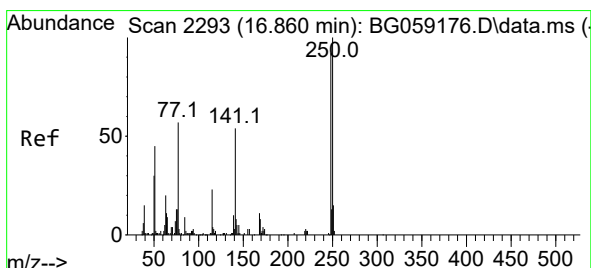
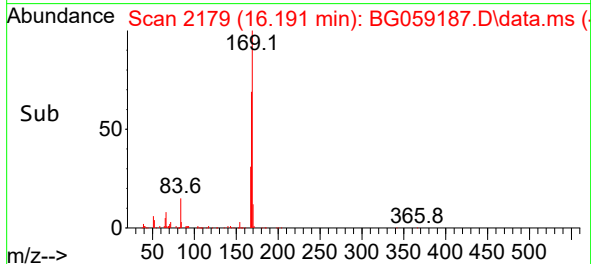
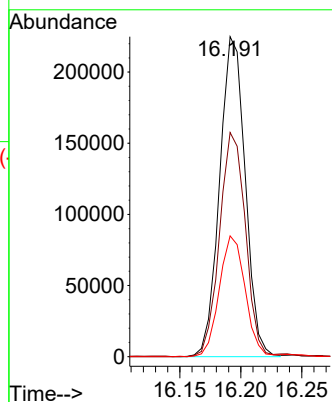
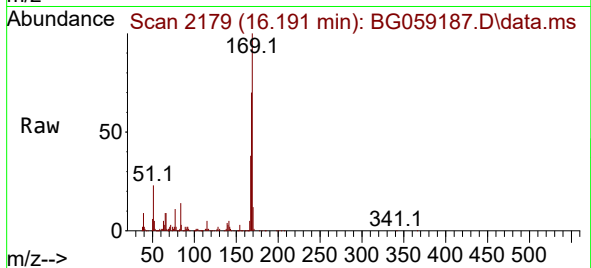




#67
N-Nitrosodiphenylamine
Concen: 42.555 ng/ul
RT: 16.191 min Scan# 2179
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

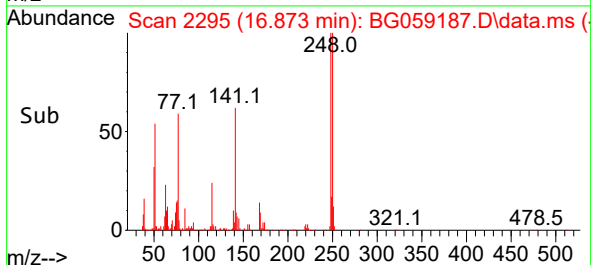
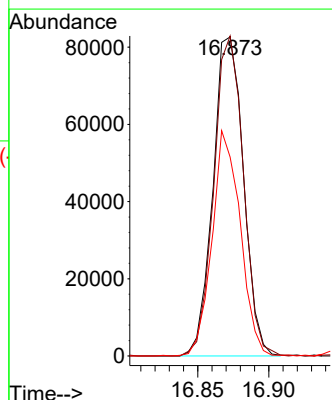
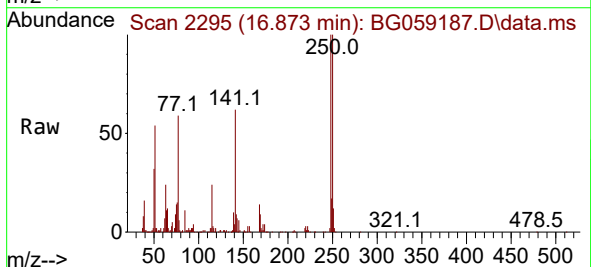
Instrument :
BNA_G
ClientSampleId :
SLCS606

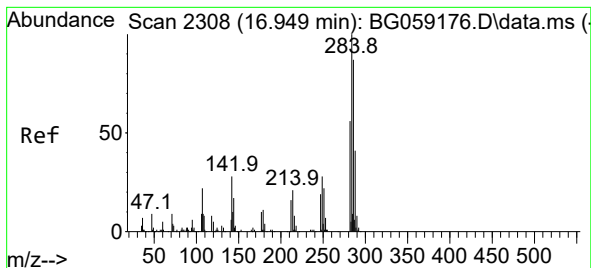
Tgt Ion:169 Resp: 328979
Ion Ratio Lower Upper
169 100
168 70.0 52.1 78.1
167 37.7 30.5 45.7



#68
4-Bromophenyl-phenylether
Concen: 43.632 ng/ul
RT: 16.873 min Scan# 2295
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:248 Resp: 123263
Ion Ratio Lower Upper
248 100
250 100.3 81.8 122.8
141 62.3 50.0 75.0





#69

Hexachlorobenzene

Concen: 44.858 ng/ul

RT: 16.961 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

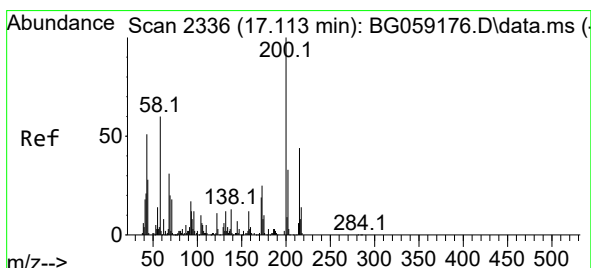
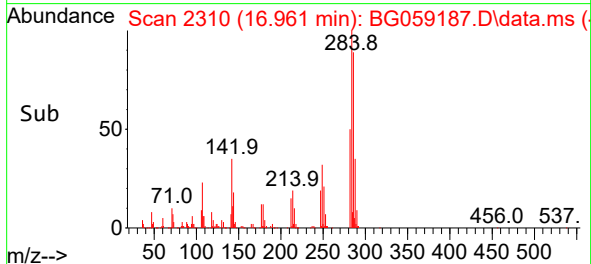
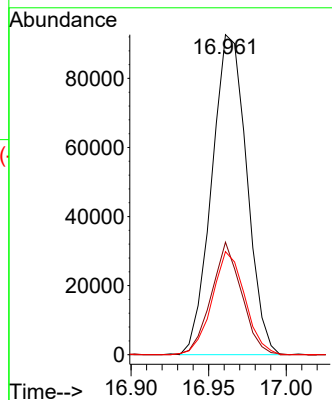
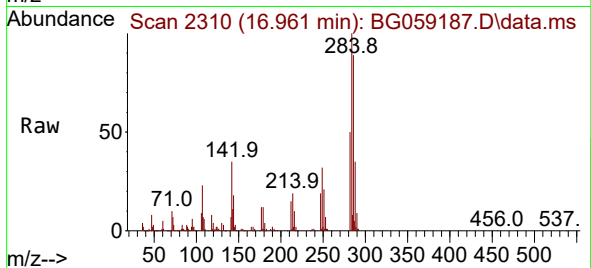
Tgt Ion:284 Resp: 145156

Ion Ratio Lower Upper

284 100

142 35.2 23.2 34.8#

249 32.2 27.8 41.8



#70

Atrazine

Concen: 39.931 ng/ul

RT: 17.125 min Scan# 2338

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

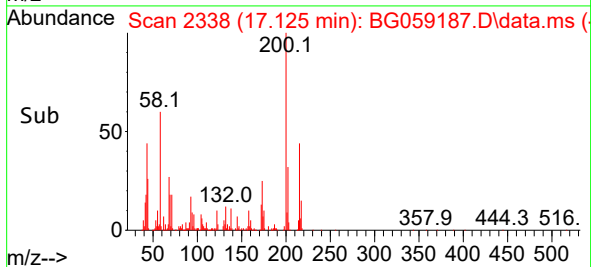
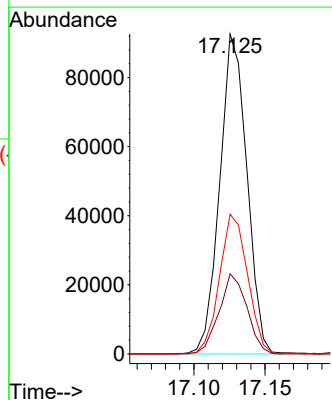
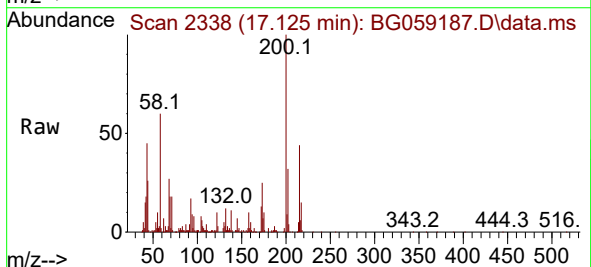
Tgt Ion:200 Resp: 122827

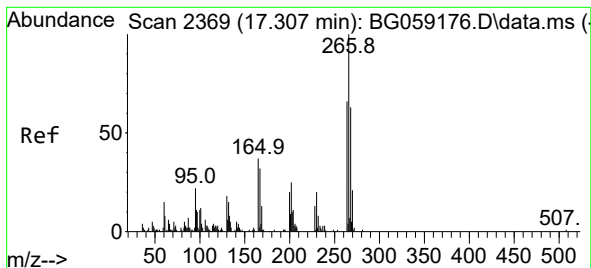
Ion Ratio Lower Upper

200 100

173 25.0 19.4 29.0

215 43.6 38.5 57.7





#71

Pentachlorophenol

Concen: 33.179 ng/ul

RT: 17.319 min Scan# 21

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

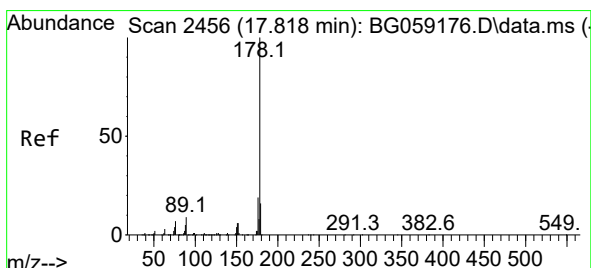
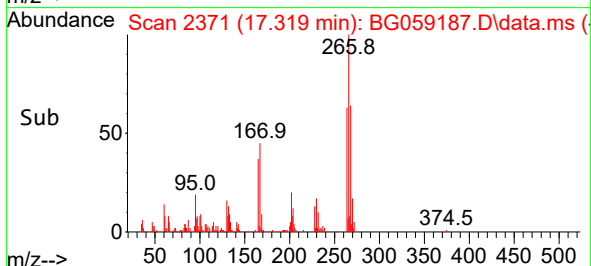
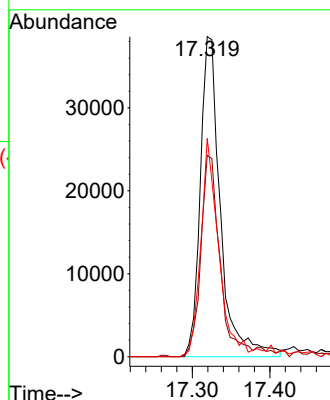
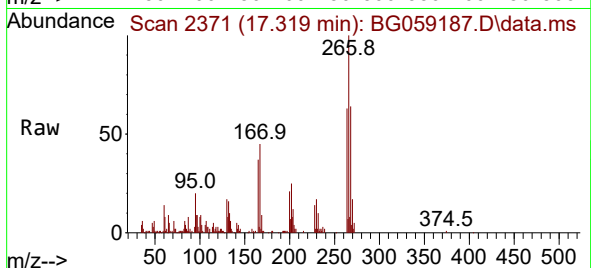
Tgt Ion:266 Resp: 69737

Ion Ratio Lower Upper

266 100

264 62.9 50.6 76.0

268 68.2 56.4 84.6



#72

Phenanthrene

Concen: 42.326 ng/ul

RT: 17.742 min Scan# 2443

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

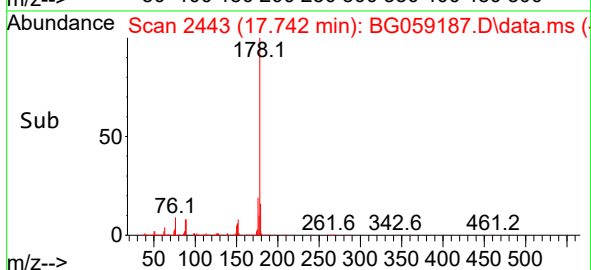
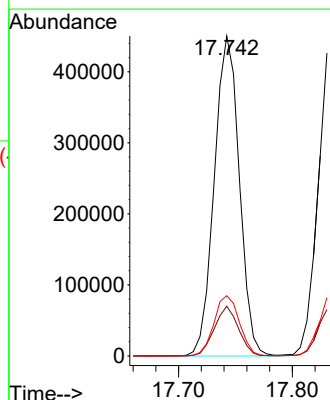
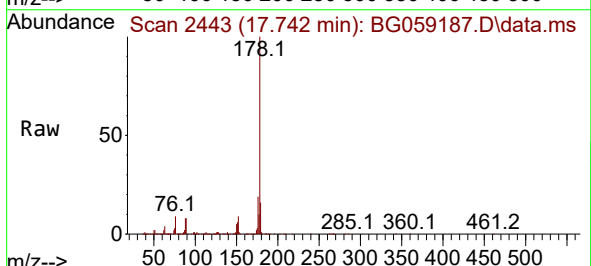
Tgt Ion:178 Resp: 687764

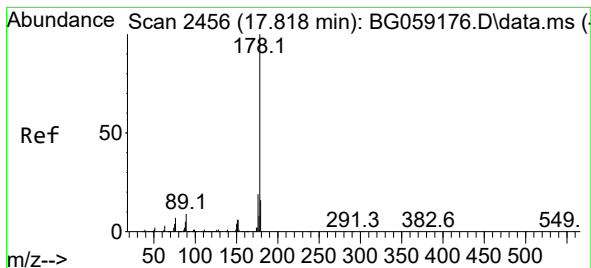
Ion Ratio Lower Upper

178 100

179 15.5 11.8 17.8

176 18.9 14.6 21.8





#74

Anthracene

Concen: 41.156 ng/uI

RT: 17.836 min Scan# 2456

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

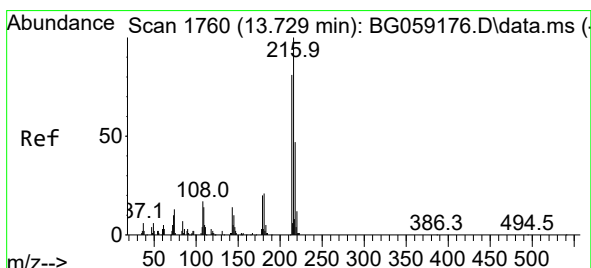
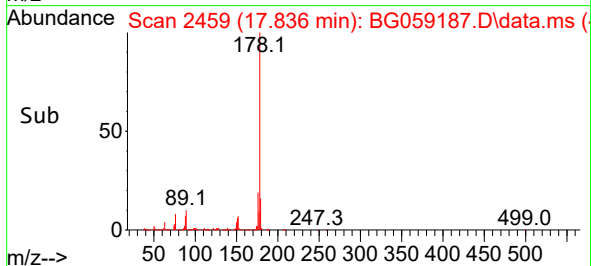
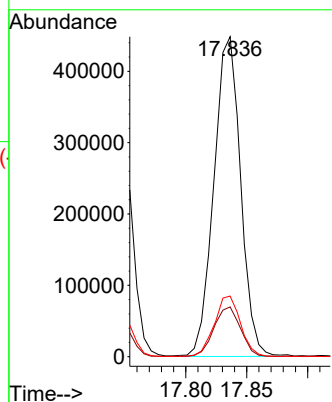
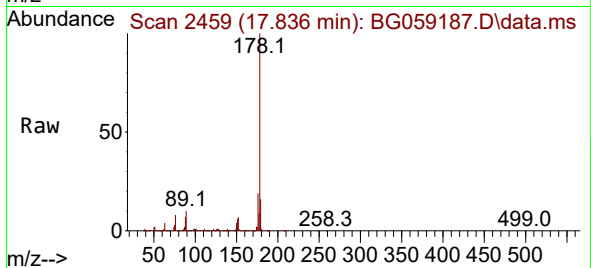
Tgt Ion:178 Resp: 683323

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 19.0 14.8 22.2



#75

1,2,3,4-Tetrachlorobenzene

Concen: 39.422 ng/uI

RT: 13.747 min Scan# 1763

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

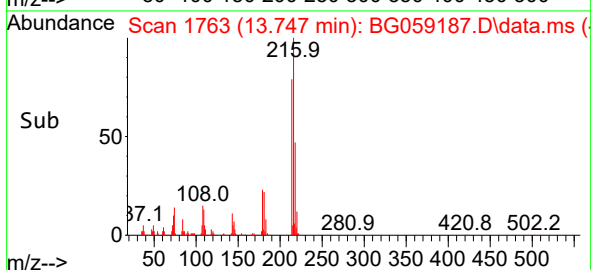
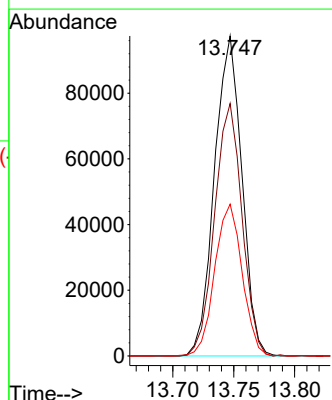
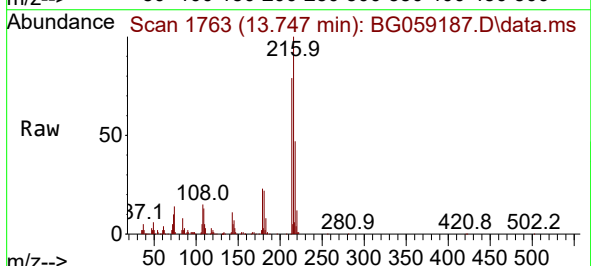
Tgt Ion:216 Resp: 152608

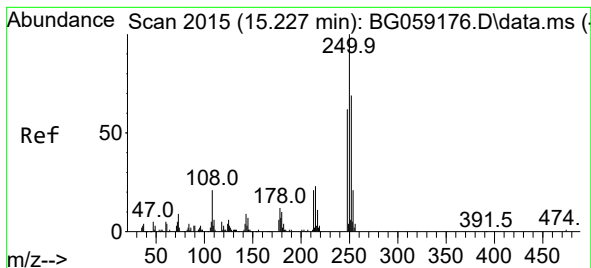
Ion Ratio Lower Upper

216 100

214 78.9 69.9 104.9

218 47.4 39.4 59.0





#76

Pentachlorobenzene

Concen: 42.010 ng/uL

RT: 15.239 min Scan# 2015

Delta R.T. 0.012 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

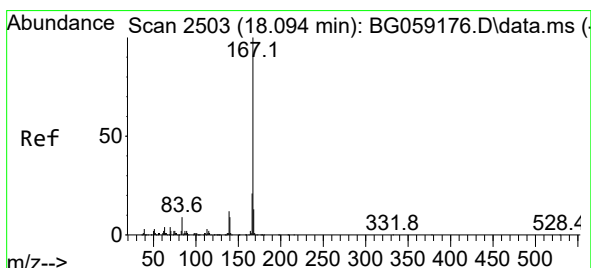
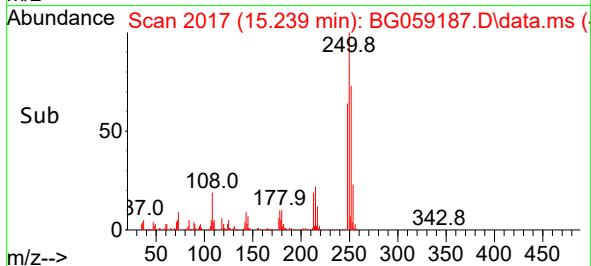
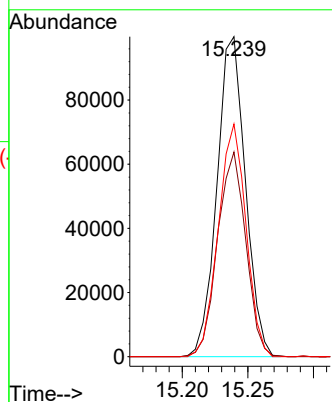
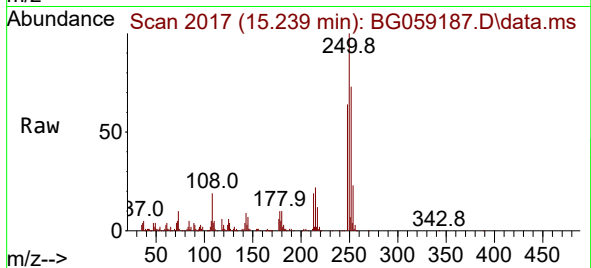
Tgt Ion:250 Resp: 150423

Ion Ratio Lower Upper

250 100

248 63.9 52.5 78.7

252 72.7 59.4 89.2



#77

Carbazole

Concen: 39.827 ng/uL

RT: 18.112 min Scan# 2506

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

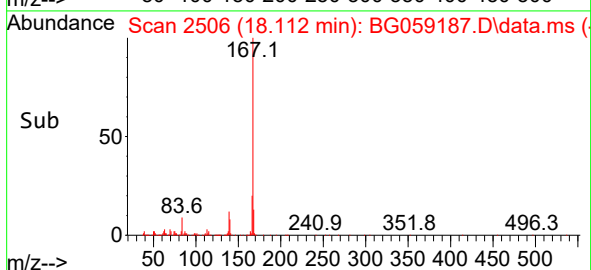
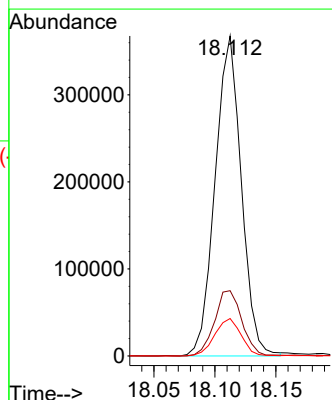
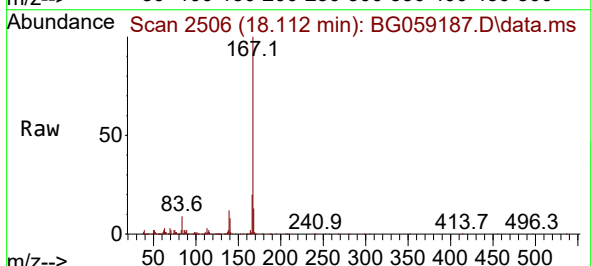
Tgt Ion:167 Resp: 549761

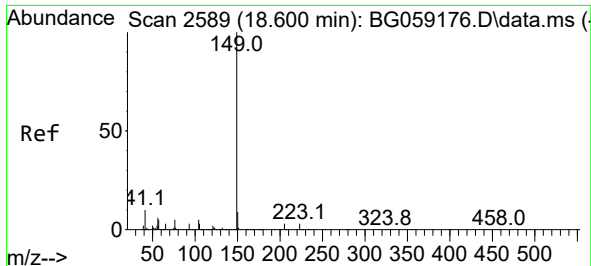
Ion Ratio Lower Upper

167 100

166 20.4 16.7 25.1

139 11.7 9.4 14.0

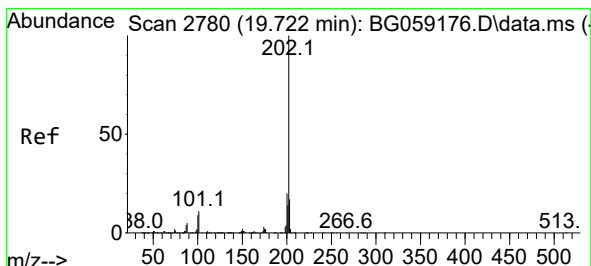
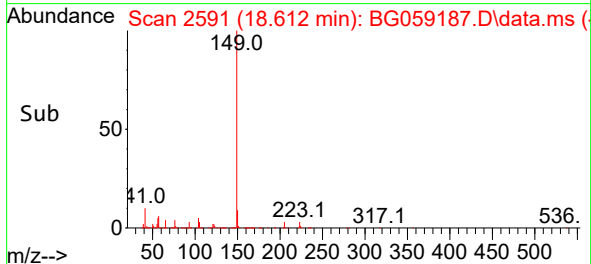
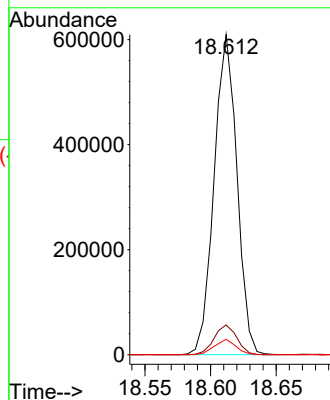
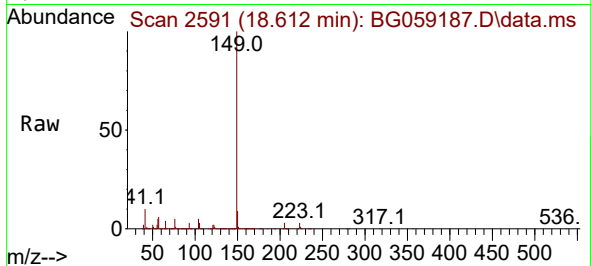




#78
Di-n-butylphthalate
Concen: 43.335 ng/ul
RT: 18.612 min Scan# 21
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

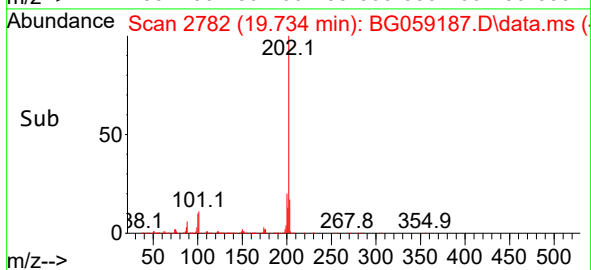
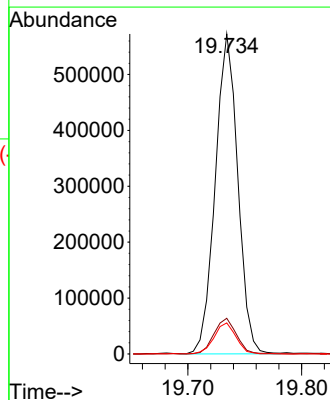
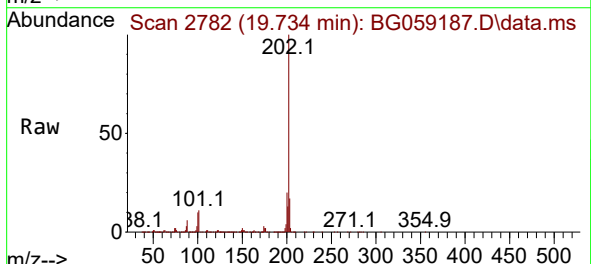
Instrument :
BNA_G
ClientSampleId :
SLCS606

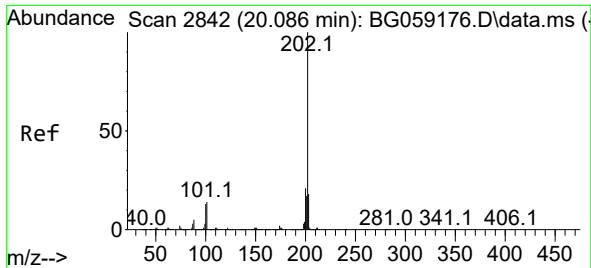
Tgt Ion:149 Resp: 736901
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 4.8 3.5 5.3



#80
Fluoranthene
Concen: 43.149 ng/ul
RT: 19.734 min Scan# 2782
Delta R.T. 0.012 min
Lab File: BG059187.D
Acq: 25 Sep 2023 17:11

Tgt Ion:202 Resp: 788235
Ion Ratio Lower Upper
202 100
101 11.2 9.2 13.8
100 9.7 7.7 11.5

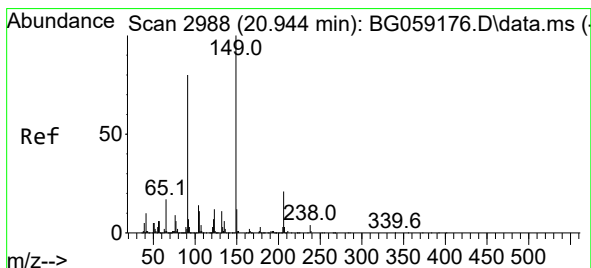
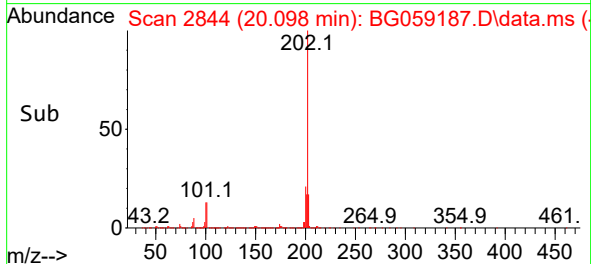
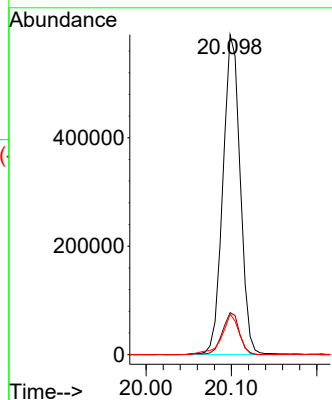
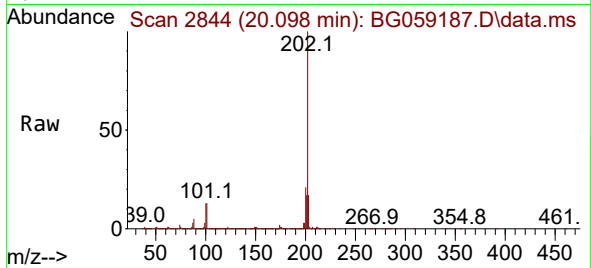




#82
 Pyrene
 Concen: 43.521 ng/ul
 RT: 20.098 min Scan# 2844
 Delta R.T. 0.012 min
 Lab File: BG059187.D
 Acq: 25 Sep 2023 17:11

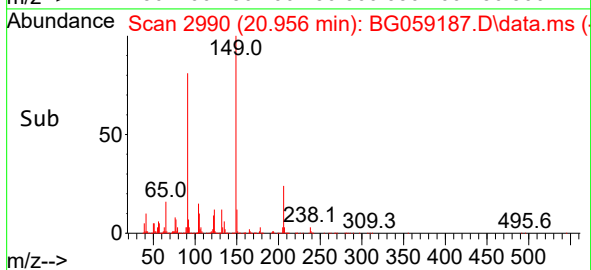
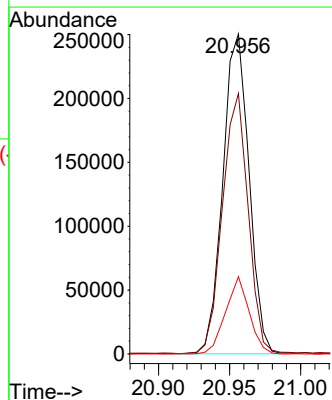
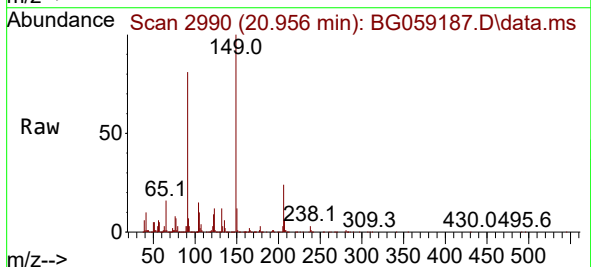
Instrument :
 BNA_G
 ClientSampleId :
 SLCS606

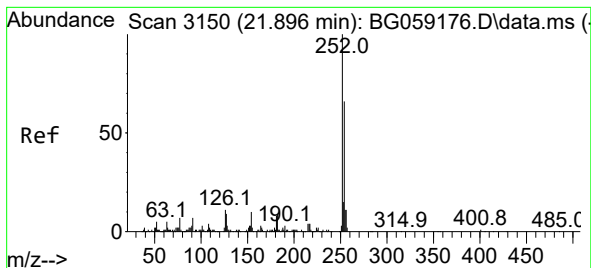
Tgt Ion:202 Resp: 829291
 Ion Ratio Lower Upper
 202 100
 101 13.2 11.0 16.4
 100 12.6 10.1 15.1



#83
 Butylbenzylphthalate
 Concen: 46.595 ng/ul
 RT: 20.956 min Scan# 2990
 Delta R.T. 0.012 min
 Lab File: BG059187.D
 Acq: 25 Sep 2023 17:11

Tgt Ion:149 Resp: 320712
 Ion Ratio Lower Upper
 149 100
 91 81.4 61.2 91.8
 206 24.2 15.8 23.6#





#84

3,3'-Dichlorobenzidine

Concen: 36.884 ng/ul

RT: 21.914 min Scan# 3153

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

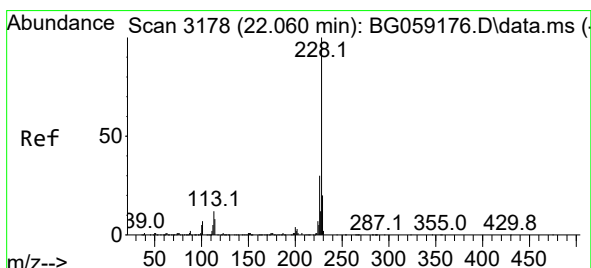
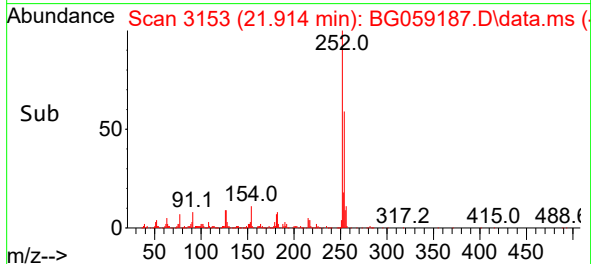
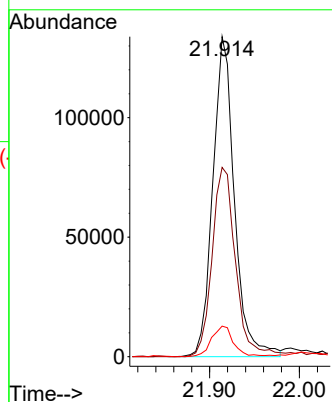
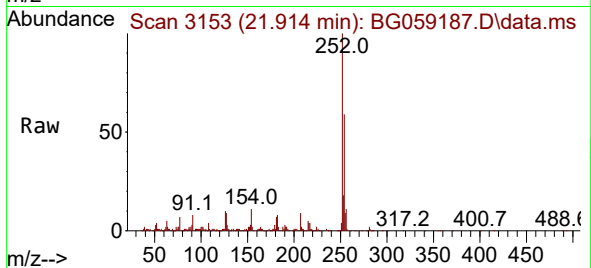
Tgt Ion:252 Resp: 223546

Ion Ratio Lower Upper

252 100

254 59.2 52.4 78.6

126 9.5 8.2 12.2



#85

Benzo(a)anthracene

Concen: 42.101 ng/ul

RT: 22.002 min Scan# 3168

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

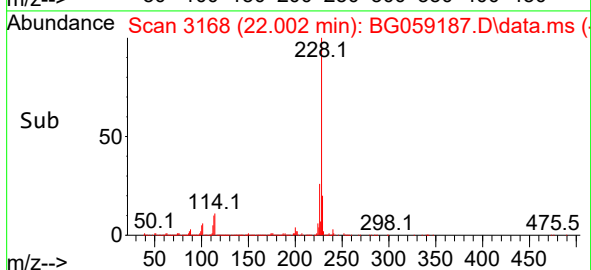
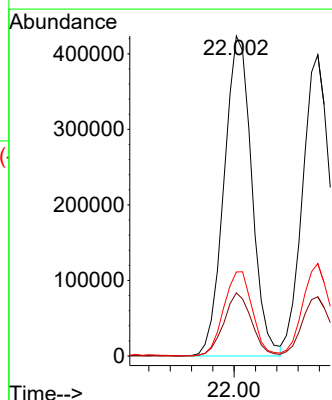
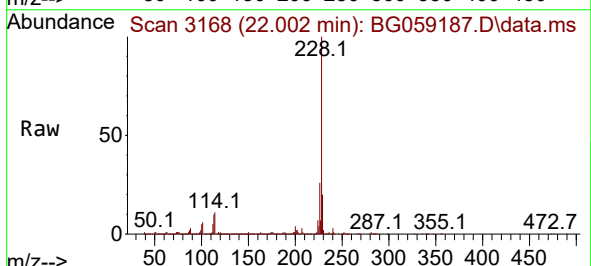
Tgt Ion:228 Resp: 766620

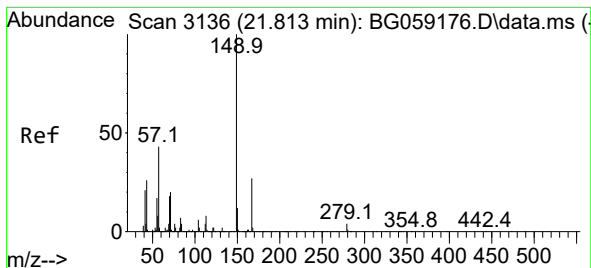
Ion Ratio Lower Upper

228 100

229 19.7 16.1 24.1

226 26.3 20.6 30.8

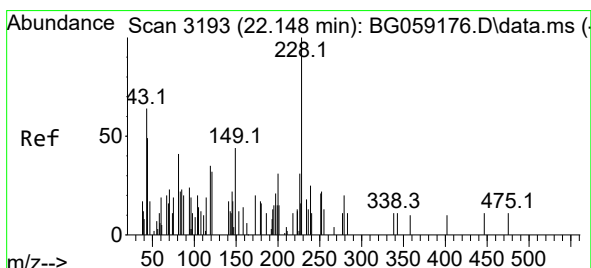
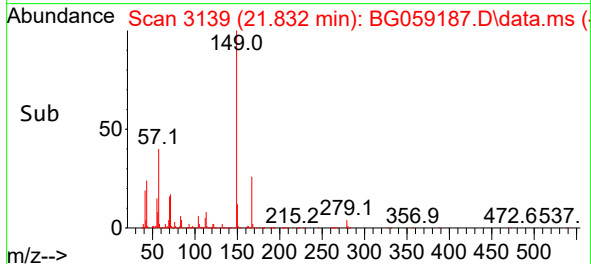
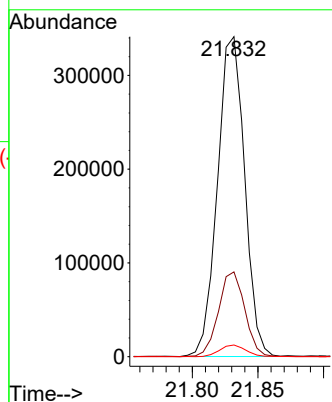
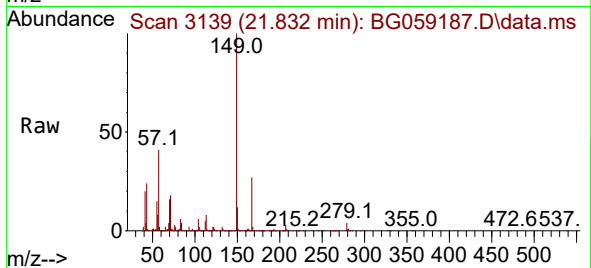




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 47.640 ng/ul
 RT: 21.832 min Scan# 3139
 Delta R.T. 0.018 min
 Lab File: BG059187.D
 Acq: 25 Sep 2023 17:11

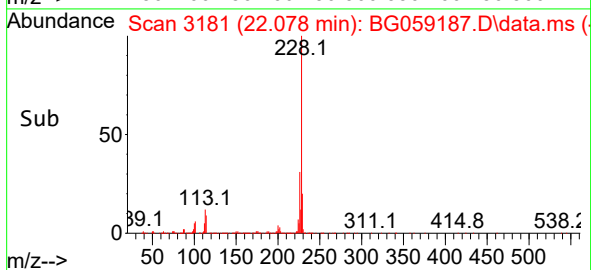
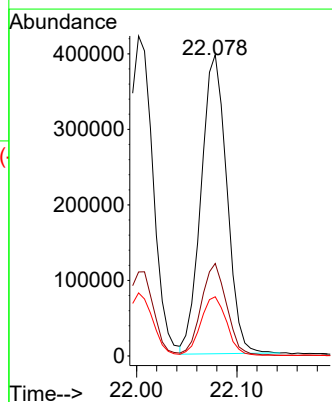
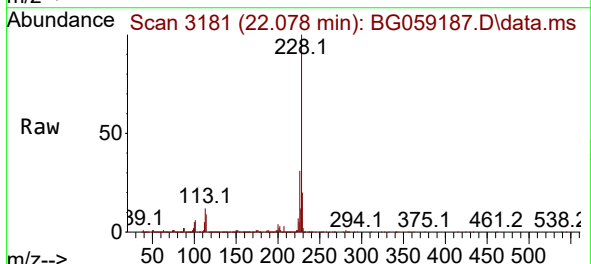
Instrument :
 BNA_G
 ClientSampleId :
 SLCS606

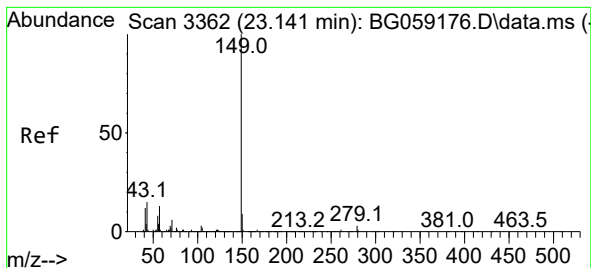
Tgt Ion:149 Resp: 490602
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 3.6 3.2 4.8



#87
 Chrysene
 Concen: 41.541 ng/ul
 RT: 22.078 min Scan# 3181
 Delta R.T. 0.018 min
 Lab File: BG059187.D
 Acq: 25 Sep 2023 17:11

Tgt Ion:228 Resp: 705434
 Ion Ratio Lower Upper
 228 100
 226 30.7 23.3 34.9
 229 19.6 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 47.787 ng/ul

RT: 23.159 min Scan# 31

Delta R.T. 0.018 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

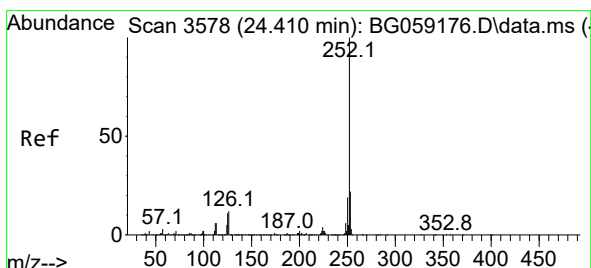
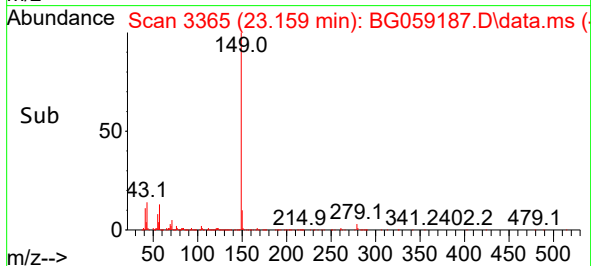
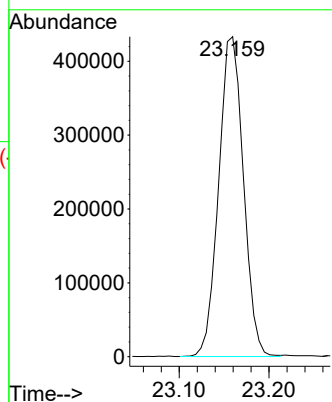
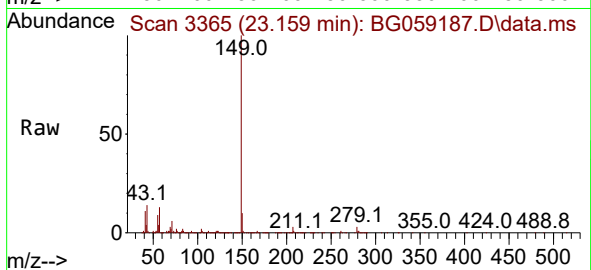
Instrument :

BNA_G

ClientSampleId :

SLCS606

Tgt Ion:149 Resp: 828363



#90

Benzo(b)fluoranthene

Concen: 45.517 ng/ul

RT: 24.440 min Scan# 3583

Delta R.T. 0.030 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

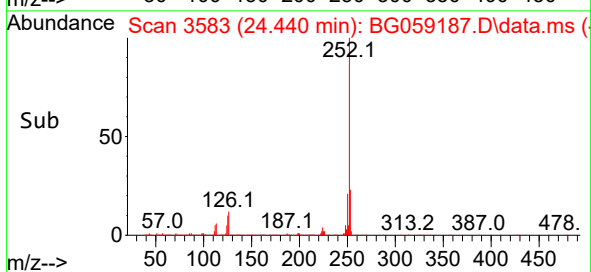
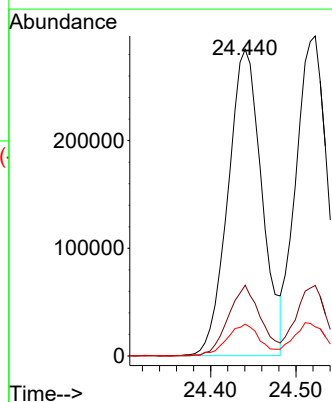
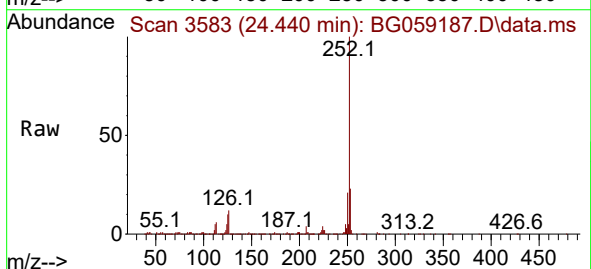
Tgt Ion:252 Resp: 786400

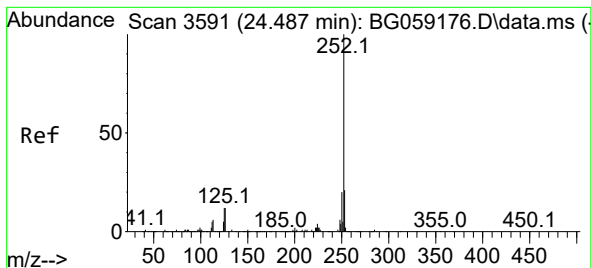
Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 10.4 8.6 13.0





#91

Benzo(k)fluoranthene

Concen: 42.701 ng/ul

RT: 24.523 min Scan# 3

Delta R.T. 0.036 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

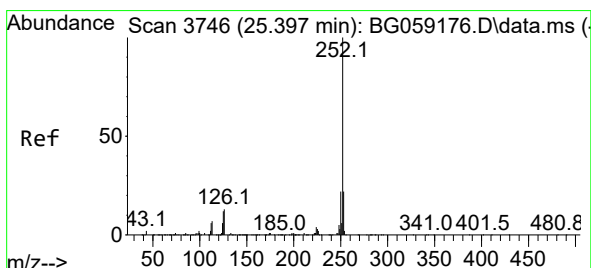
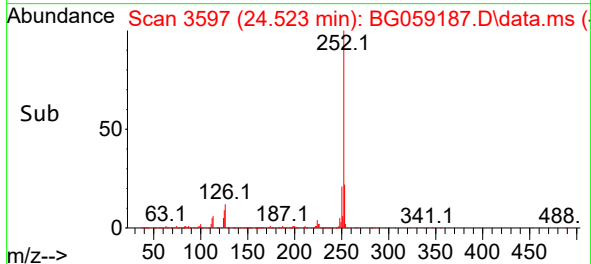
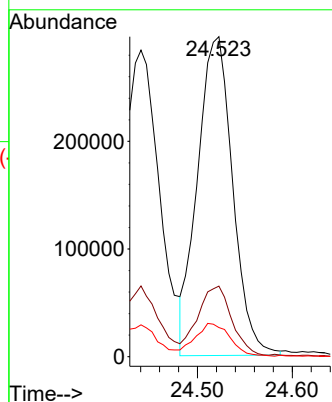
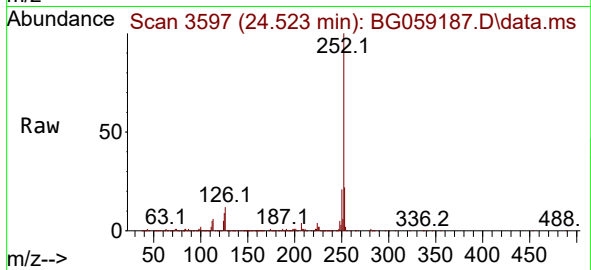
Tgt Ion:252 Resp: 764912

Ion Ratio Lower Upper

252 100

253 22.1 16.5 24.7

125 9.1 7.9 11.9



#93

Benzo(a)pyrene

Concen: 42.416 ng/ul

RT: 25.433 min Scan# 3752

Delta R.T. 0.036 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

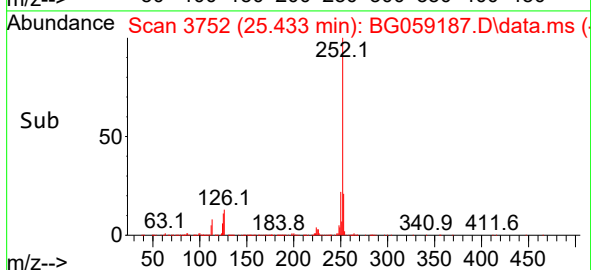
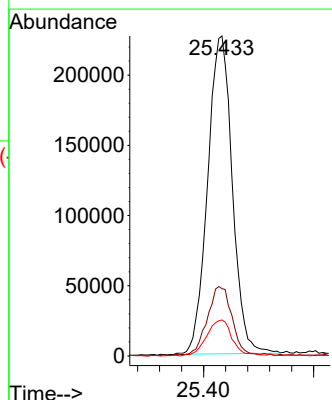
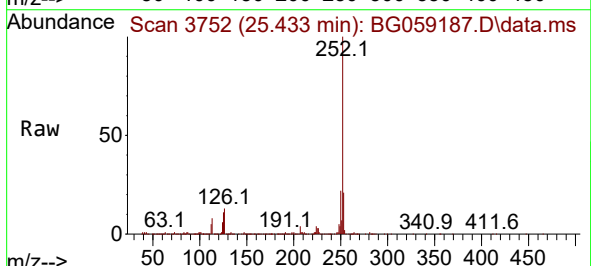
Tgt Ion:252 Resp: 704295

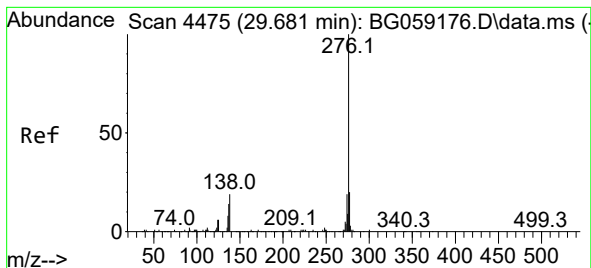
Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

125 11.3 8.3 12.5





#94

Indeno(1,2,3-cd)pyrene

Concen: 39.265 ng/ul

RT: 29.728 min Scan# 4483

Delta R.T. 0.048 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606

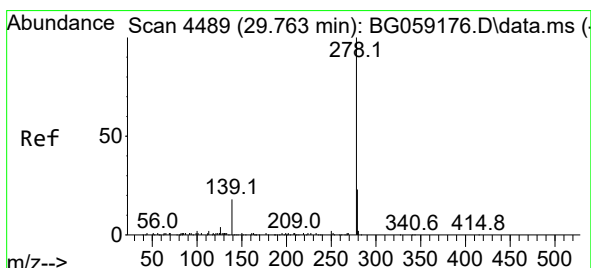
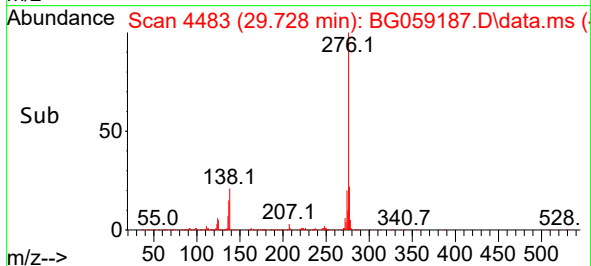
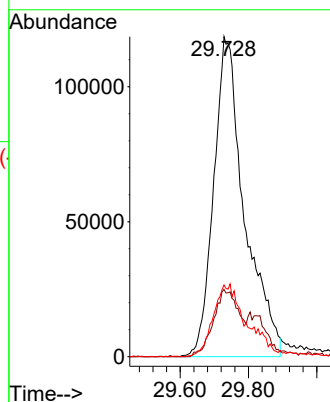
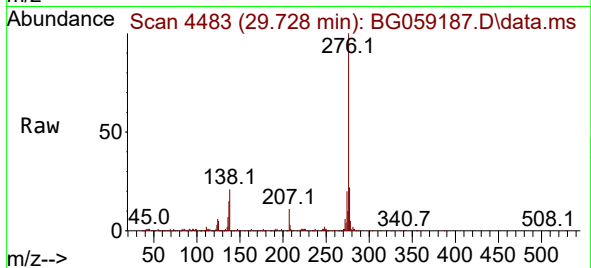
Tgt Ion:276 Resp: 741492

Ion Ratio Lower Upper

276 100

138 21.0 17.1 25.7

277 22.4 20.4 30.6



#95

Dibenzo(a,h)anthracene

Concen: 34.884 ng/ul

RT: 29.822 min Scan# 4499

Delta R.T. 0.059 min

Lab File: BG059187.D

Acq: 25 Sep 2023 17:11

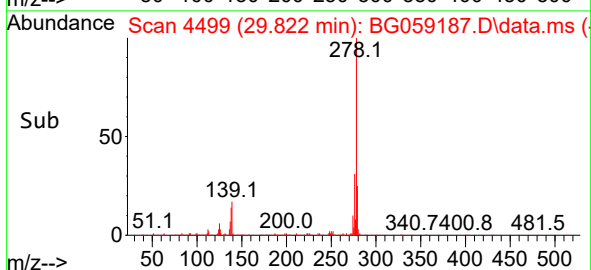
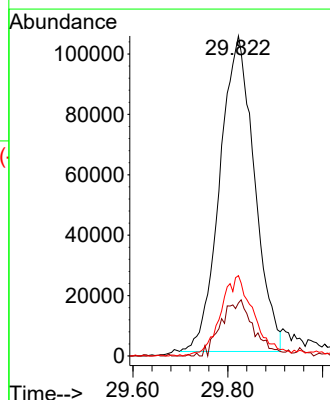
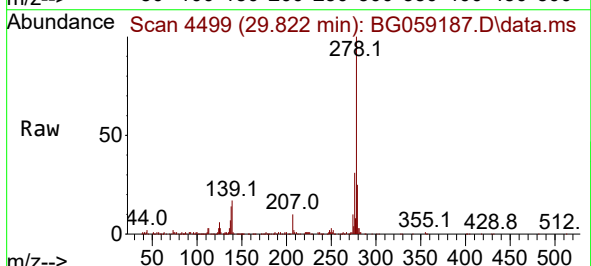
Tgt Ion:278 Resp: 529389

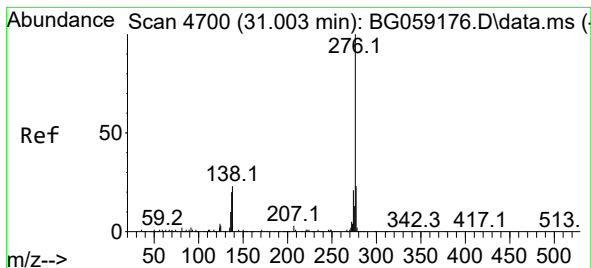
Ion Ratio Lower Upper

278 100

139 16.6 13.8 20.6

279 25.1 19.0 28.4





#96

Benzo(g,h,i)perylene

Concen: 42.180 ng/ul

RT: 31.062 min Scan# 41

Delta R.T. 0.059 min

Lab File: BG059187.D

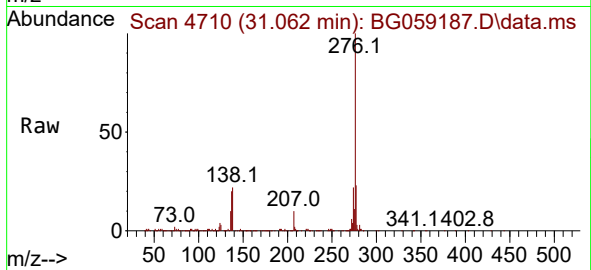
Acq: 25 Sep 2023 17:11

Instrument :

BNA_G

ClientSampleId :

SLCS606



Tgt Ion:276 Resp: 641646

Ion Ratio Lower Upper

276 100

138 22.3 16.9 25.3

277 23.5 19.3 28.9

