

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
 Data File : BG058950.D
 Acq On : 9 Sep 2023 14:13
 Operator : MA/JU
 Sample : PB155303BS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS303

Quant Time: Sep 10 01:30:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 09 00:11:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	42353	20.000	ng/u1	0.00
20) Naphthalene-d8	11.176	136	192310	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.953	164	163452	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.803	188	945892	20.000	ng/u1	0.09
79) Chrysene-d12	22.028	240	371493	20.000	ng/u1	0.00
88) Perylene-d12	25.600	264	419136	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.678	96	392	0.444	ng/uL	0.03
4) Pyridine-d5	4.072	84	123730	40.810	ng/u1	0.00
7) Phenol-d5	7.439	99	216825	51.616	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.650	67	114519	48.190	ng/u1	0.00
11) 2-Chlorophenol-d4	7.844	132	131203	52.362	ng/u1	0.00
15) 4-Methylphenol-d8	9.013	113	160924	49.428	ng/u1	0.00
21) Nitrobenzene-d5	9.530	128	65341	57.683	ng/u1	0.00
24) 2-Nitrophenol-d4	10.241	143	77237	62.244	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	191791	53.274	ng/u1	0.00
31) 4-Chloroaniline-d4	11.317	131	196385	42.526	ng/u1	0.00
46) Dimethylphthalate-d6	14.354	166	652341	51.701	ng/u1	0.00
49) Acenaphthylene-d8	14.660	160	679506	49.824	ng/u1	0.00
54) 4-Nitrophenol-d4	15.124	143	83734	50.230	ng/u1	0.00
60) Fluorene-d10	15.941	176	580996	48.856	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.046	200	109010	25.313	ng/u1	0.00
73) Anthracene-d10	17.803	188	945892	21.983	ng/u1	0.00
81) Pyrene-d10	20.071	212	1000201	46.424	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.359	264	1119498	54.221	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.673	88	17914	16.659	ng/uL#	82
5) Pyridine	4.090	79	139781	43.797	ng/u1	93
6) Benzaldehyde	7.474	77	113674	45.909	ng/u1	96
8) Phenol	7.468	94	220366	50.304	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.744	93	157006	48.325	ng/u1	94
12) 2-Chlorophenol	7.874	128	128349	50.802	ng/u1	96
13) 2-Methylphenol	8.749	108	171526	52.293	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.837	45	185848	49.703	ng/u1#	92
16) Acetophenone	9.172	105	287074	49.452	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.143	70	158917	52.341	ng/u1#	95
18) 4-Methylphenol	9.078	108	190826	53.165	ng/u1	99
19) Hexachloroethane	9.413	117	54346	52.703	ng/u1#	83
22) Nitrobenzene	9.572	77	216162	55.796	ng/u1	97
23) Isophorone	10.083	82	462328	47.830	ng/u1	98
25) 2-Nitrophenol	10.277	139	84896	63.427	ng/u1#	76
26) 2,4-Dimethylphenol	10.300	107	193487	46.495	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.565	93	244527	48.850	ng/u1	96
29) 2,4-Dichlorophenol	10.800	162	183187	53.682	ng/u1	91
30) Naphthalene	11.228	128	501246	48.249	ng/u1	97
32) 4-Chloroaniline	11.340	127	178296	40.707	ng/u1	98
33) Hexachlorobutadiene	11.458	225	156496	46.828	ng/u1	86
34) Caprolactam	12.121	113	32915	29.158	ng/u1#	87
35) 4-Chloro-3-methylphenol	12.409	107	213360	53.216	ng/u1	98
36) 2-Methylnaphthalene	12.803	142	385903	49.070	ng/u1	99

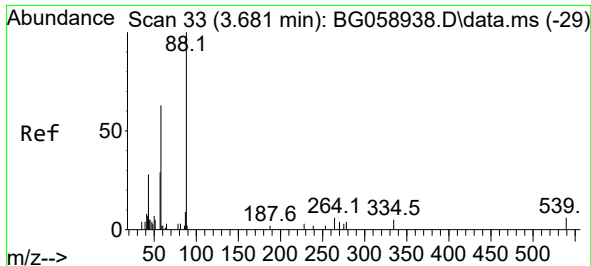
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.020	142	375419	46.671	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.144	216	318725	52.259	ng/ul	96
40) Hexachlorocyclopentadiene	13.103	237	197799	45.062	ng/ul	98
41) 2,4,6-Trichlorophenol	13.385	196	201108	56.744	ng/ul	95
42) 2,4,5-Trichlorophenol	13.455	196	215376	56.680	ng/ul	95
43) 1,1'-Biphenyl	13.796	154	589299	52.987	ng/ul	99
44) 2-Chloronaphthalene	13.849	162	471292	53.134	ng/ul	98
45) 2-Nitroaniline	14.055	65	144975	73.921	ng/ul	98
47) Dimethylphthalate	14.401	163	689375	53.737	ng/ul	97
48) 2,6-Dinitrotoluene	14.542	165	125843	69.114	ng/ul	94
50) Acenaphthylene	14.689	152	757741	49.789	ng/ul	97
51) 3-Nitroaniline	14.877	138	116435	63.459	ng/ul	95
52) Acenaphthene	15.018	153	520037	52.481	ng/ul	96
53) 2,4-Dinitrophenol	15.065	184	76234	49.493	ng/ul#	84
55) 4-Nitrophenol	15.141	109	117244	56.232	ng/ul	87
56) Dibenzofuran	15.353	168	804324	54.374	ng/ul	97
57) 2,4-Dinitrotoluene	15.318	165	173387	66.011	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.553	232	207597	51.708	ng/ul#	98
59) Diethylphthalate	15.747	149	587572	50.961	ng/ul	99
61) Fluorene	15.999	166	632566	50.370	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.982	204	391936	52.024	ng/ul	92
63) 4-Nitroaniline	16.040	138	110255	64.582	ng/ul	86
67) N-Nitrosodiphenylamine	16.199	169	574504	24.697	ng/ul	97
68) 4-Bromophenyl-phenylether	16.881	248	261124	22.734	ng/ul	96
69) Hexachlorobenzene	16.969	284	315371	23.794	ng/ul	99
70) Atrazine	17.133	200	94083	10.074	ng/ul	97
72) Phenanthrene	17.838	178	1045928	22.777	ng/ul	98
74) Anthracene	17.838	178	1045229	22.294	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.749	216	33765	2.458	ng/uL	94
76) Pentachlorobenzene	15.247	250	375270	27.109	ng/uL	95
77) Carbazole	18.114	167	816672	22.949	ng/ul	99
78) Di-n-butylphthalate	18.632	149	821945	25.694	ng/ul	96
80) Fluoranthene	19.736	202	1229796	46.967	ng/ul	98
82) Pyrene	20.100	202	1264315	48.206	ng/ul	98
83) Butylbenzylphthalate	20.970	149	328468	72.230	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.916	252	454077	55.959	ng/ul	96
85) Benzo(a)anthracene	22.010	228	1343012	53.099	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.863	149	496008	69.920	ng/ul#	95
87) Chrysene	22.080	228	1258585	53.120	ng/ul	97
89) Di-n-octyl phthalate	23.203	149	860386	65.731	ng/ul	100
90) Benzo(b)fluoranthene	24.448	252	1417676	56.165	ng/ul	100
91) Benzo(k)fluoranthene	24.525	252	1418943	55.869	ng/ul	99
93) Benzo(a)pyrene	25.435	252	1252010	53.012	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	29.748	276	1464109	49.725	ng/ul	95
95) Dibenzo(a,h)anthracene	29.842	278	1396283	58.316	ng/ul	98
96) Benzo(g,h,i)perylene	31.058	276	1364586	58.372	ng/ul	99

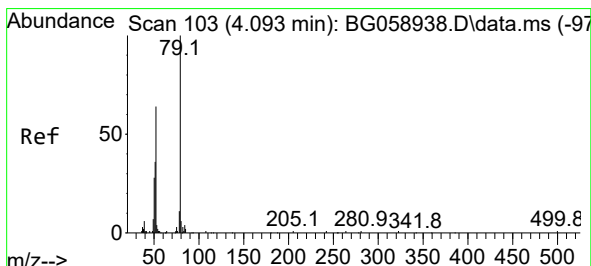
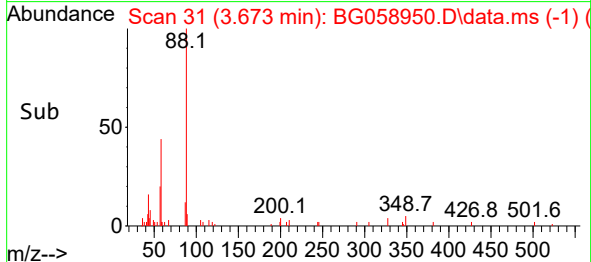
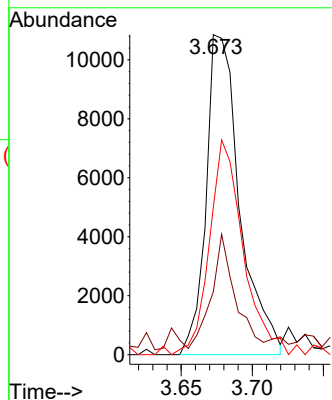
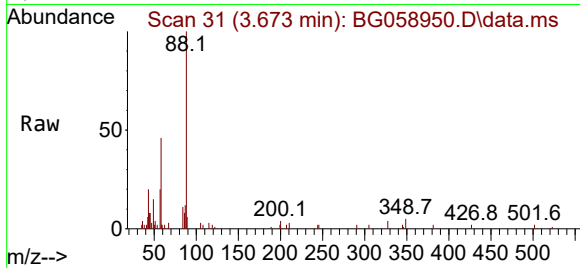
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#2
1,4-Dioxane
Concen: 16.659 ng/uL
RT: 3.673 min Scan# 31
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

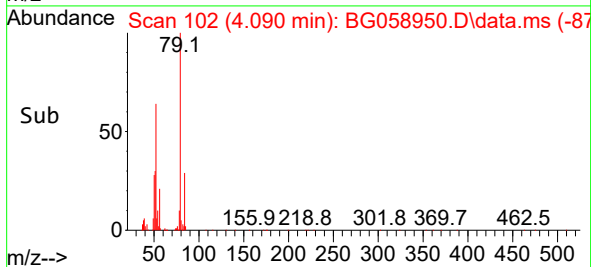
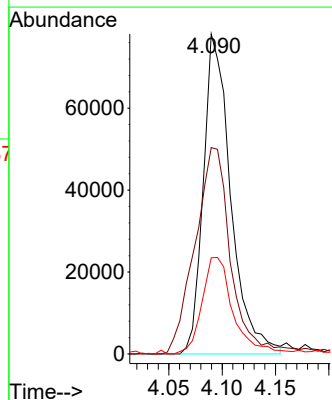
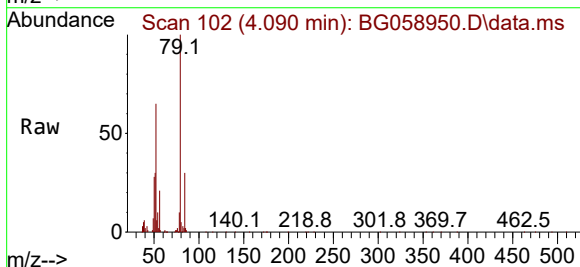
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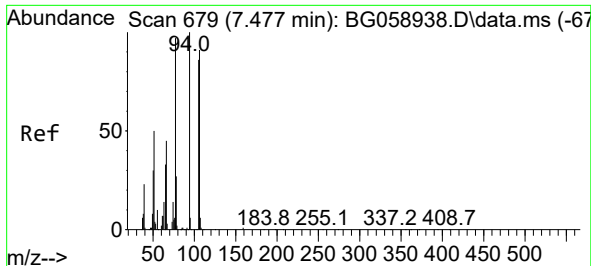
Tgt Ion: 88 Resp: 17914
Ion Ratio Lower Upper
88 100
43 19.7 19.8 29.8#
58 46.0 49.9 74.9#



#5
Pyridine
Concen: 43.797 ng/uL
RT: 4.090 min Scan# 102
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 79 Resp: 139781
Ion Ratio Lower Upper
79 100
52 64.5 45.7 68.5
51 30.1 23.8 35.6

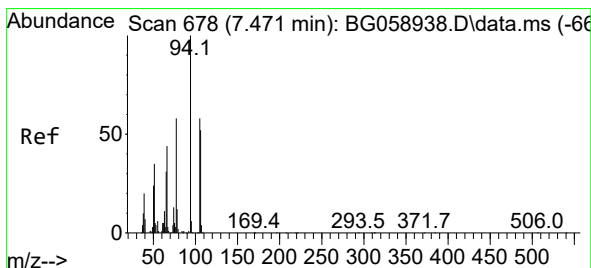
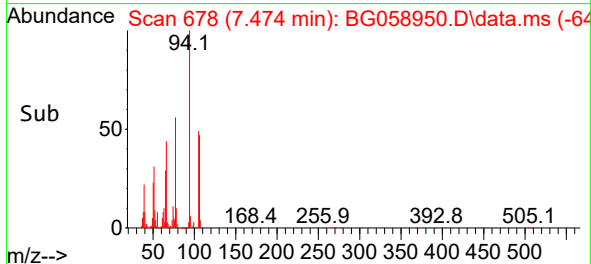
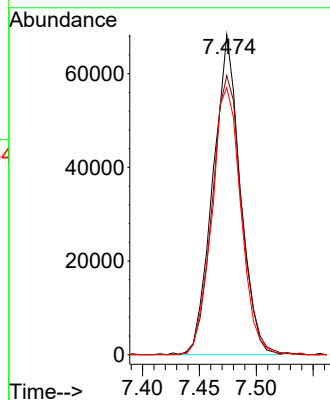
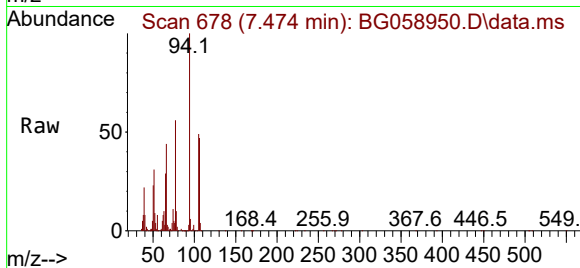




#6
Benzaldehyde
Concen: 45.909 ng/ul
RT: 7.474 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

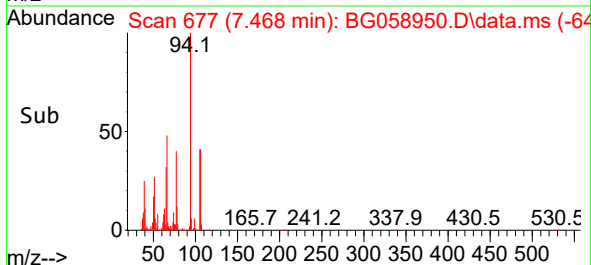
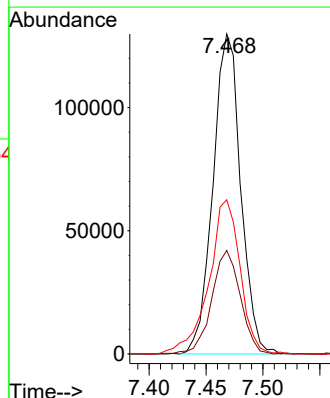
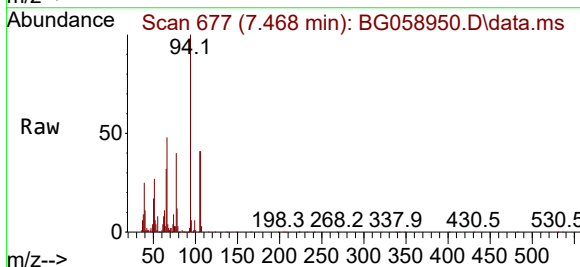
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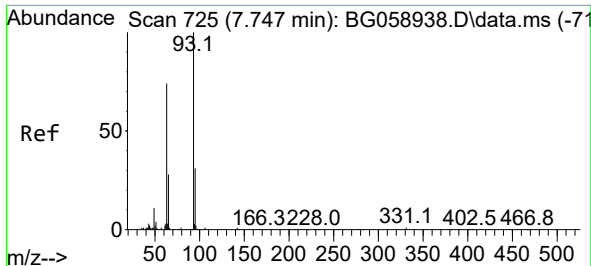
Tgt Ion: 77 Resp: 113674
Ion Ratio Lower Upper
77 100
105 87.2 74.3 111.5
106 83.4 67.7 101.5



#8
Phenol
Concen: 50.304 ng/ul
RT: 7.468 min Scan# 677
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 94 Resp: 220366
Ion Ratio Lower Upper
94 100
65 32.3 22.4 33.6
66 48.2 38.0 57.0

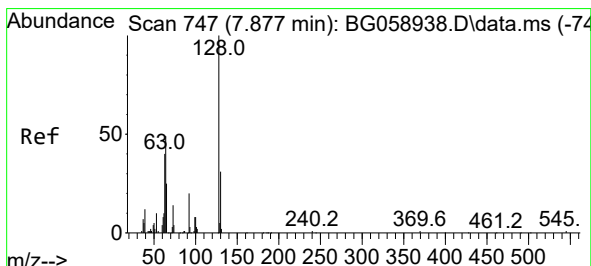
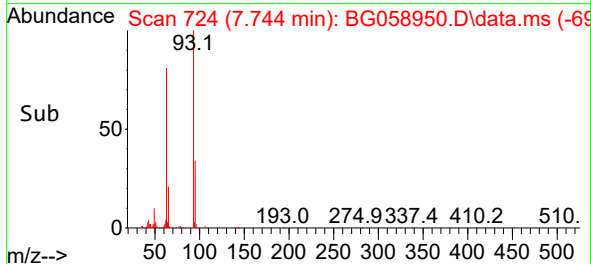
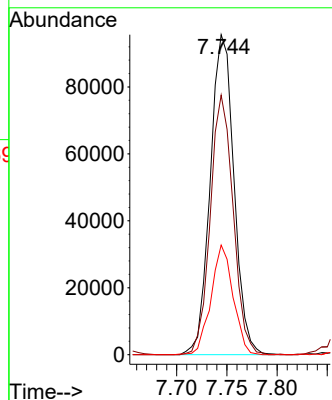
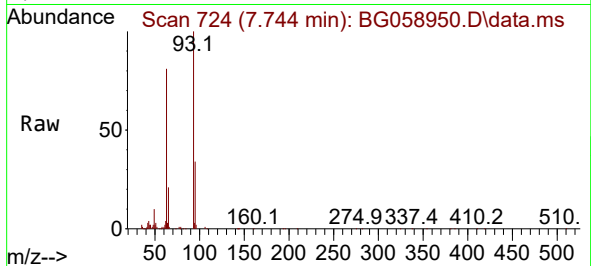




#10
Bis(2-Chloroethyl)ether
Concen: 48.325 ng/ul
RT: 7.744 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

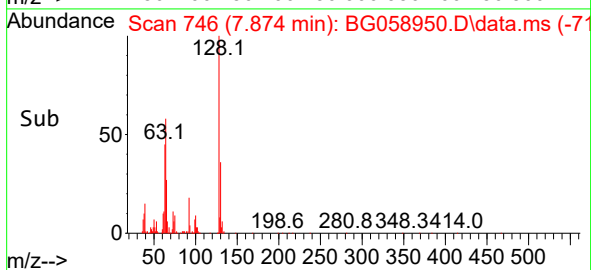
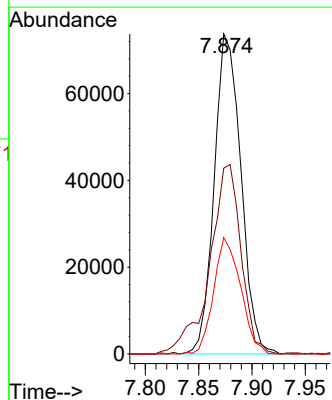
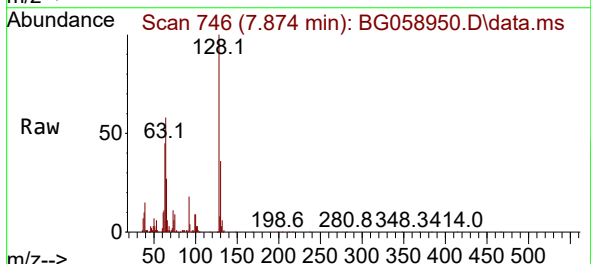
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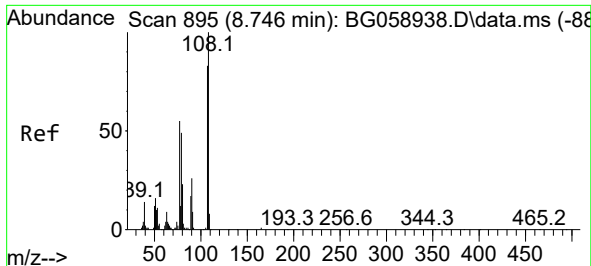
Tgt Ion: 93 Resp: 157006
Ion Ratio Lower Upper
93 100
63 81.1 61.8 92.6
95 34.3 23.9 35.9



#12
2-Chlorophenol
Concen: 50.802 ng/ul
RT: 7.874 min Scan# 746
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:128 Resp: 128349
Ion Ratio Lower Upper
128 100
64 58.1 50.0 75.0
130 36.3 29.4 44.2

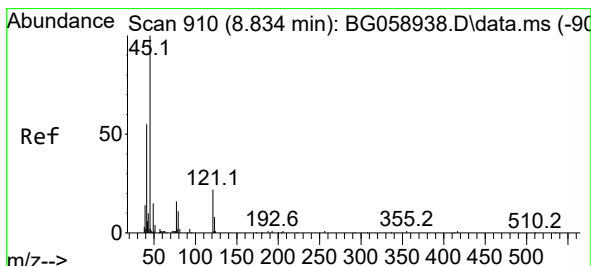
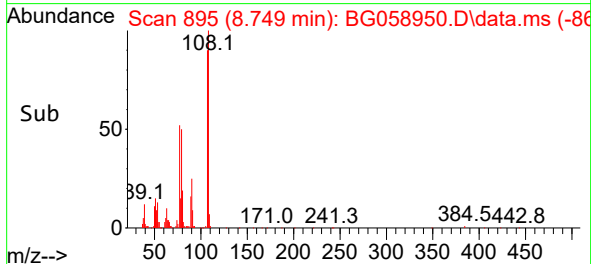
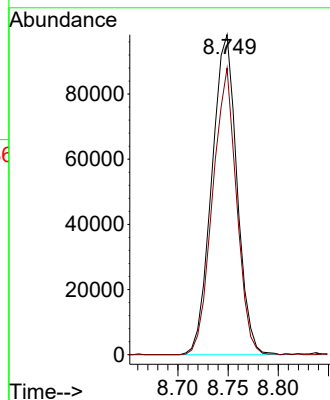
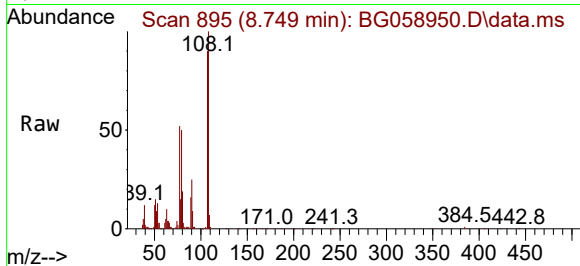




#13
2-Methylphenol
Concen: 52.293 ng/ul
RT: 8.749 min Scan# 895
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

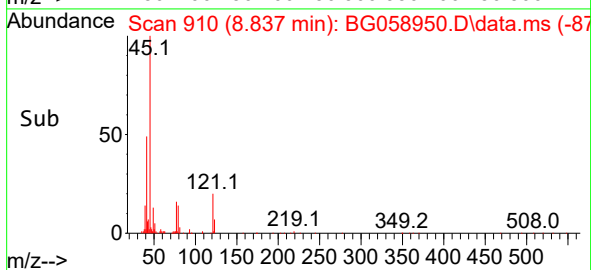
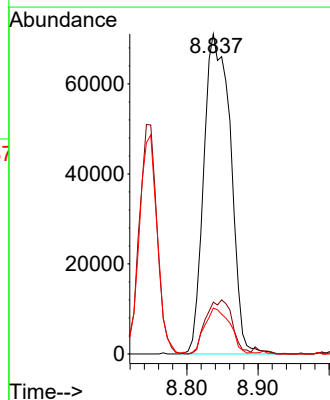
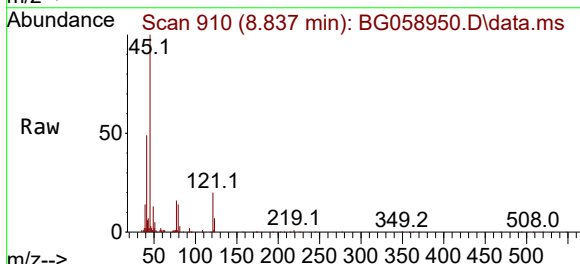
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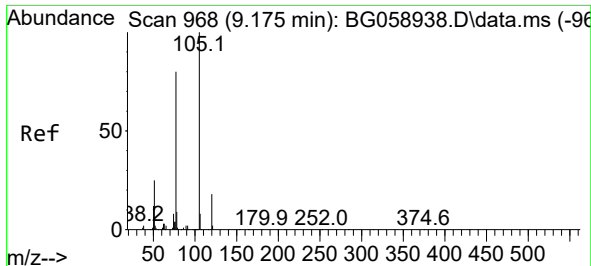
Tgt Ion:108 Resp: 171526
Ion Ratio Lower Upper
108 100
107 89.6 68.7 103.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 49.703 ng/ul
RT: 8.837 min Scan# 910
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 45 Resp: 185848
Ion Ratio Lower Upper
45 100
77 16.2 17.8 26.8#
79 14.3 11.9 17.9

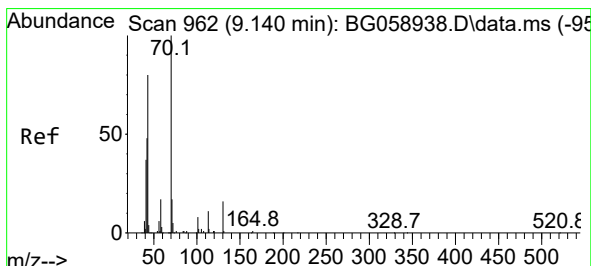
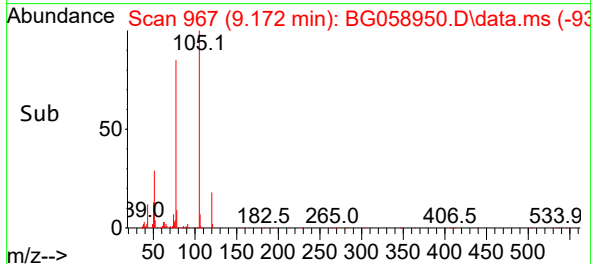
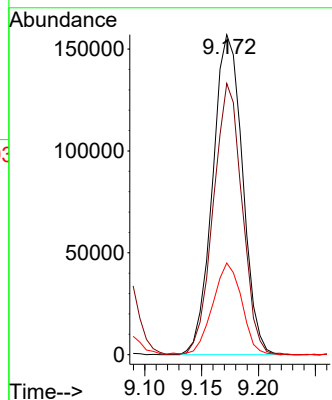
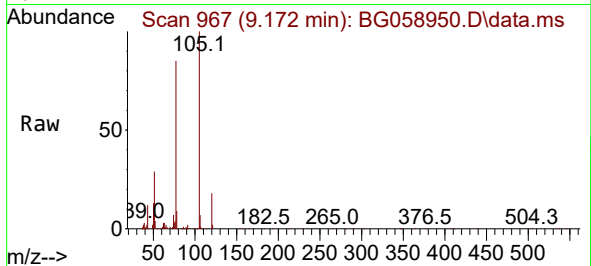




#16
Acetophenone
Concen: 49.452 ng/ul
RT: 9.172 min Scan# 968
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

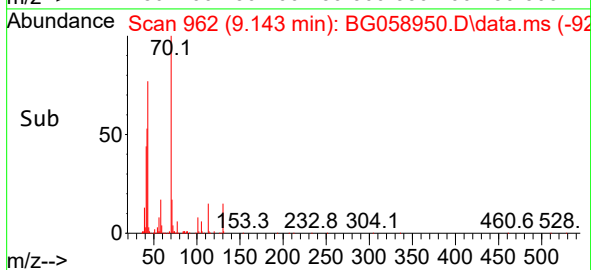
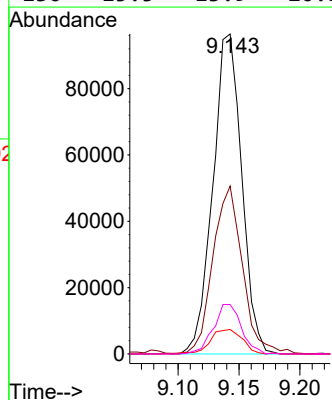
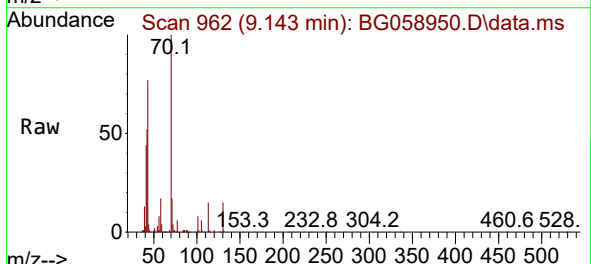
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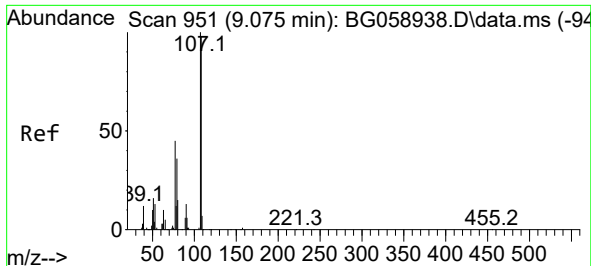
Tgt Ion:105 Resp: 287074
Ion Ratio Lower Upper
105 100
77 84.8 66.0 99.0
51 28.7 23.0 34.4



#17
N-Nitroso-di-n-propylamine
Concen: 52.341 ng/ul
RT: 9.143 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 70 Resp: 158917
Ion Ratio Lower Upper
70 100
42 52.5 39.4 59.0
101 7.6 8.6 12.8#
130 15.5 13.9 20.9

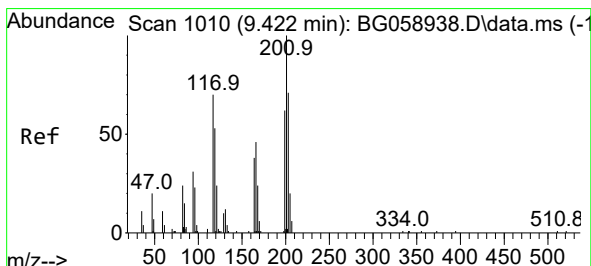
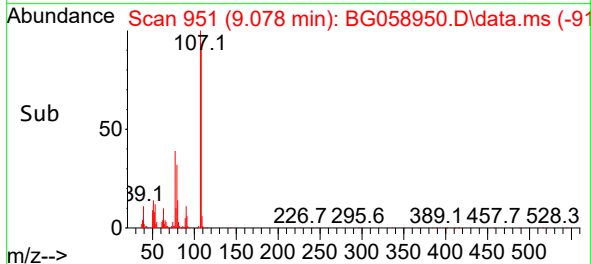
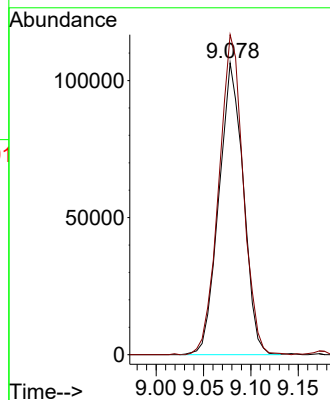
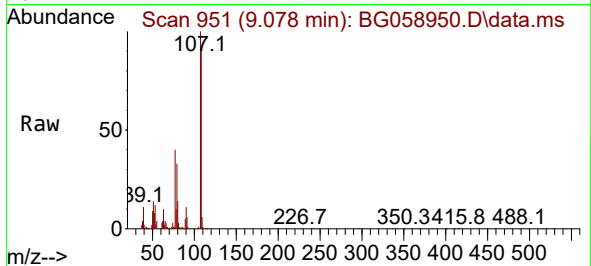




#18
4-Methylphenol
Concen: 53.165 ng/ul
RT: 9.078 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

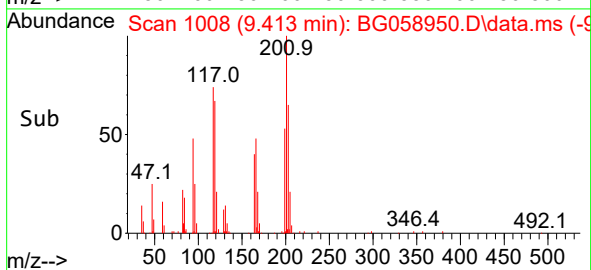
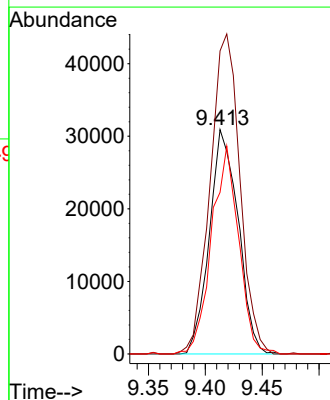
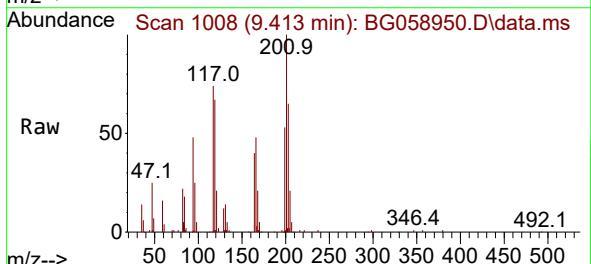
Instrument :
BNA_G
ClientSampleId :
SLCS303

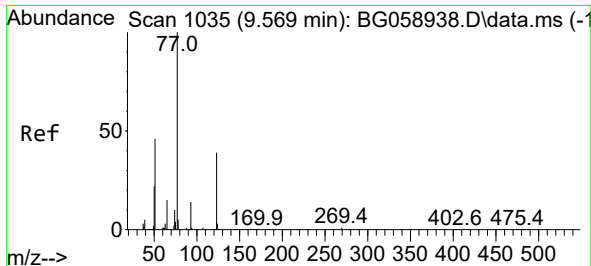
Tgt Ion:108 Resp: 190826
Ion Ratio Lower Upper
108 100
107 109.6 86.8 130.2



#19
Hexachloroethane
Concen: 52.703 ng/ul
RT: 9.413 min Scan# 1008
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:117 Resp: 54346
Ion Ratio Lower Upper
117 100
201 135.1 116.2 174.4
199 74.0 82.2 123.2#

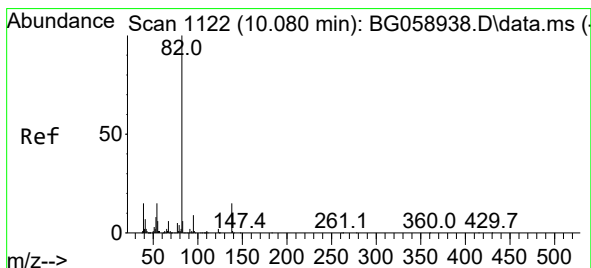
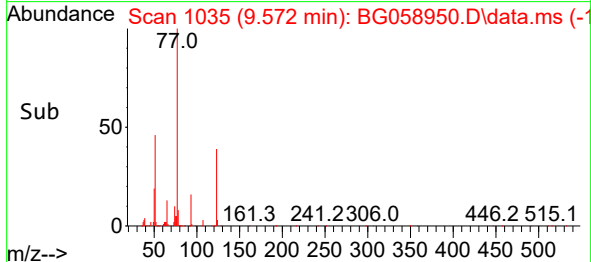
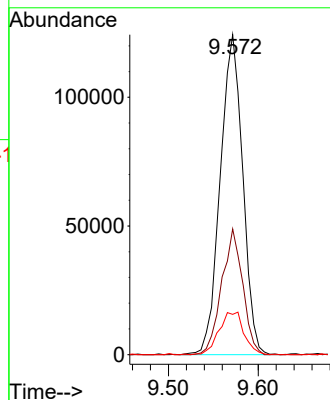
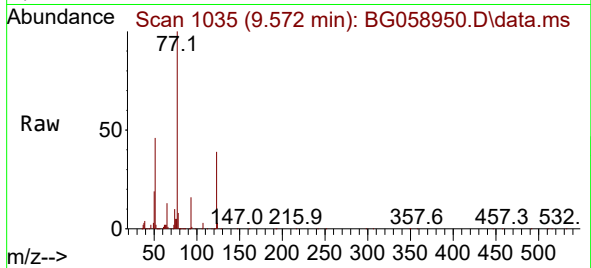




#22
Nitrobenzene
Concen: 55.796 ng/ul
RT: 9.572 min Scan# 1035
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

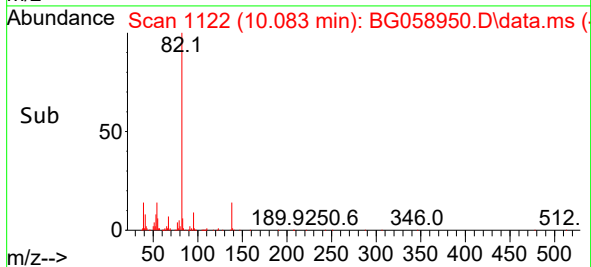
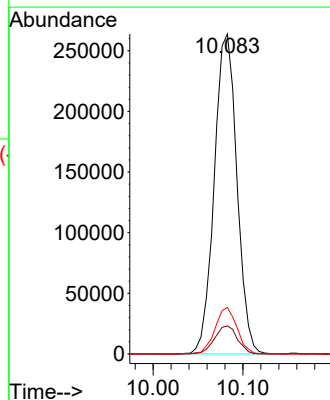
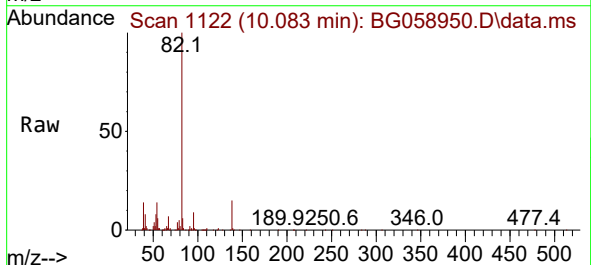
Instrument :
BNA_G
ClientSampleId :
SLCS303

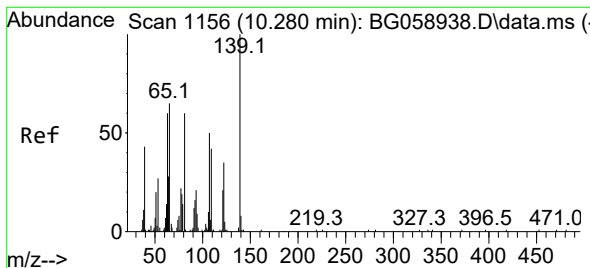
Tgt Ion: 77 Resp: 216162
Ion Ratio Lower Upper
77 100
123 39.3 29.4 44.2
65 12.6 10.0 15.0



#23
Isophorone
Concen: 47.830 ng/ul
RT: 10.083 min Scan# 1122
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 82 Resp: 462328
Ion Ratio Lower Upper
82 100
95 8.7 6.6 10.0
138 14.5 12.3 18.5

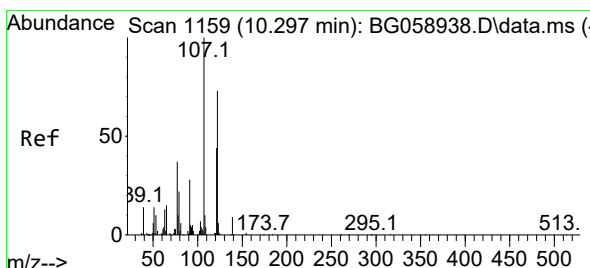
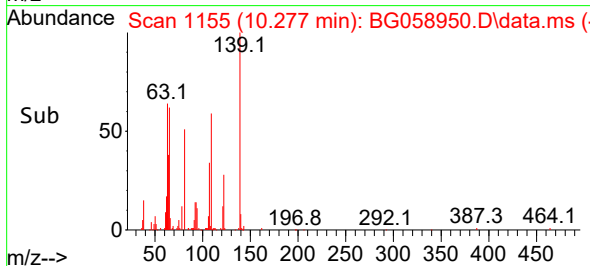
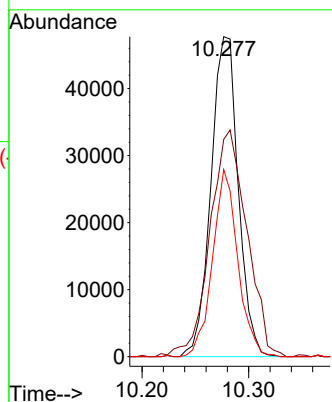
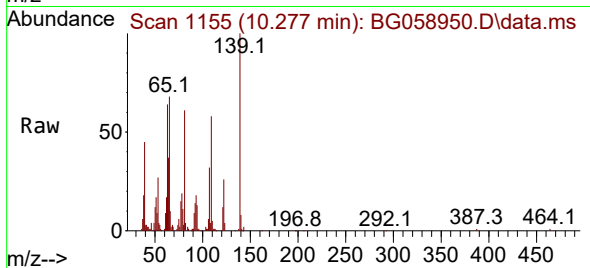




#25
2-Nitrophenol
Concen: 63.427 ng/ul
RT: 10.277 min Scan# 1155
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

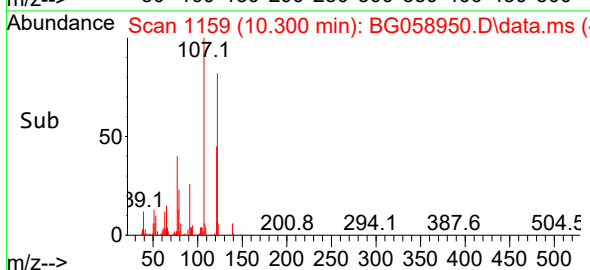
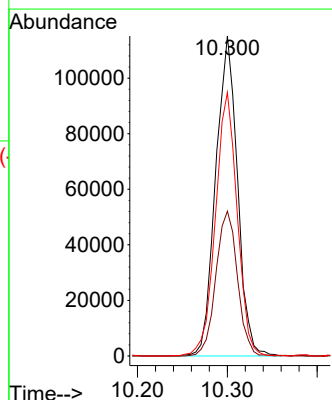
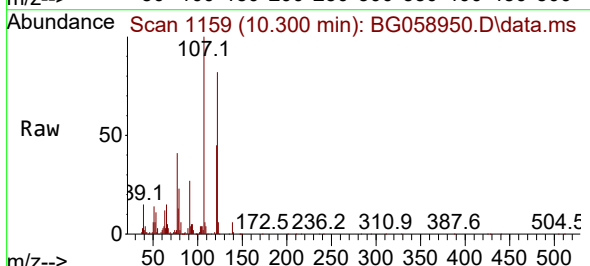
Instrument :
BNA_G
ClientSampleId :
SLCS303

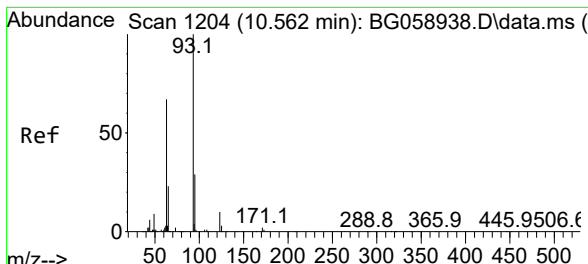
Tgt Ion:139 Resp: 84896
Ion Ratio Lower Upper
139 100
65 67.9 47.8 71.8
109 58.4 25.0 37.6#



#26
2,4-Dimethylphenol
Concen: 46.495 ng/ul
RT: 10.300 min Scan# 1159
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:107 Resp: 193487
Ion Ratio Lower Upper
107 100
121 45.2 39.4 59.2
122 82.4 67.3 100.9

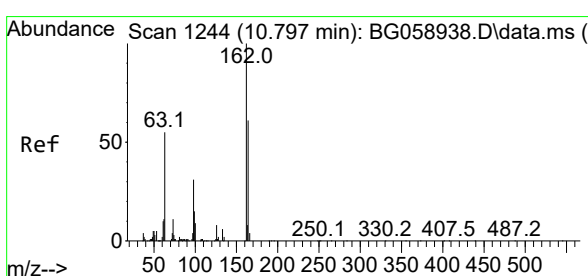
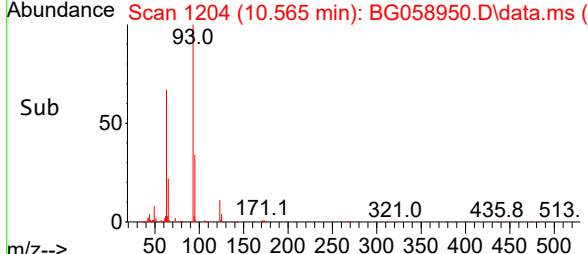
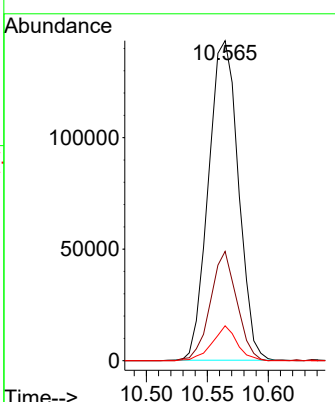
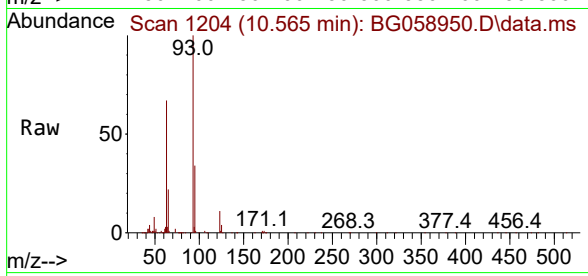




#27
 Bis(2-Chloroethoxy)methane
 Concen: 48.850 ng/ul
 RT: 10.565 min Scan# 1204
 Delta R.T. -0.003 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

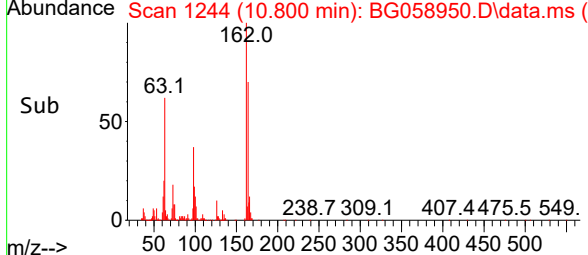
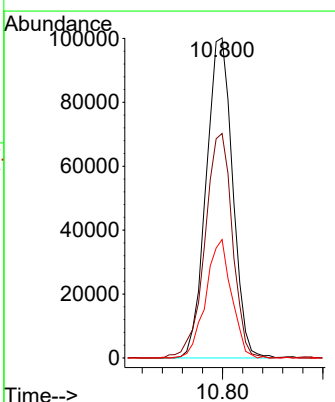
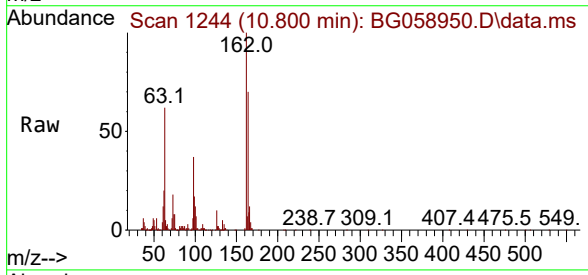
Instrument :
 BNA_G
 ClientSampleId :
 SLCS303

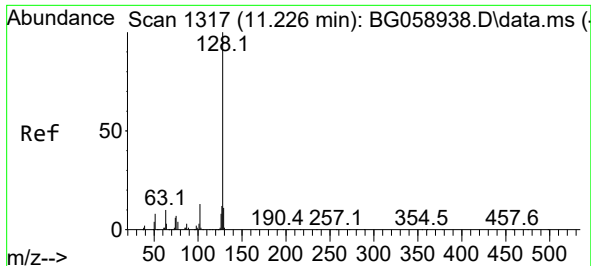
Tgt Ion:	93	Resp:	244527
Ion	Ratio	Lower	Upper
93	100		
95	34.2	29.8	44.6
123	10.9	9.1	13.7



#29
 2,4-Dichlorophenol
 Concen: 53.682 ng/ul
 RT: 10.800 min Scan# 1244
 Delta R.T. -0.003 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

Tgt Ion:	162	Resp:	183187
Ion	Ratio	Lower	Upper
162	100		
164	70.2	50.0	75.0
98	37.0	26.3	39.5

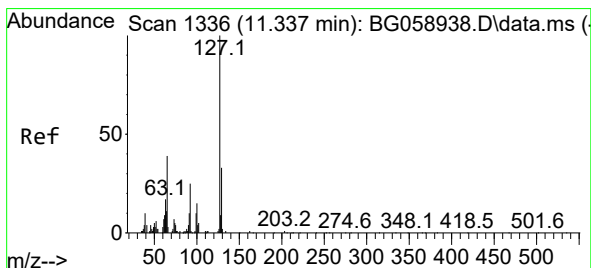
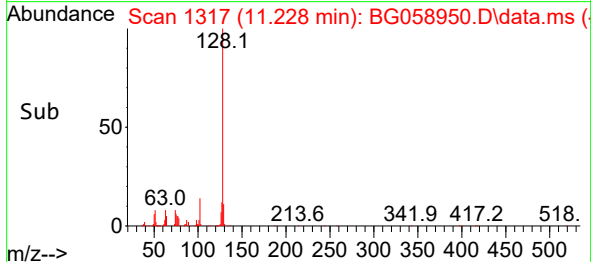
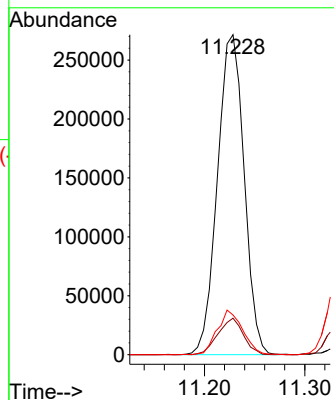
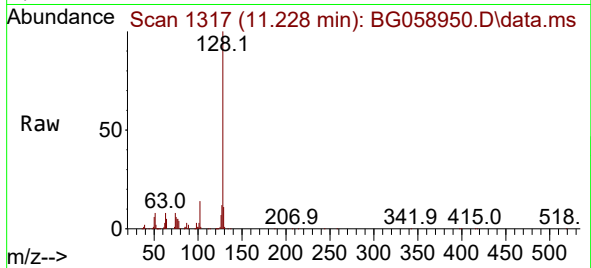




#30
Naphthalene
Concen: 48.249 ng/ul
RT: 11.228 min Scan# 1317
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

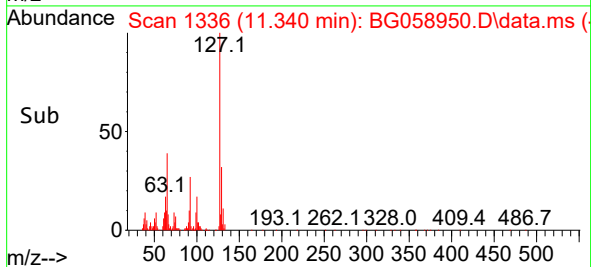
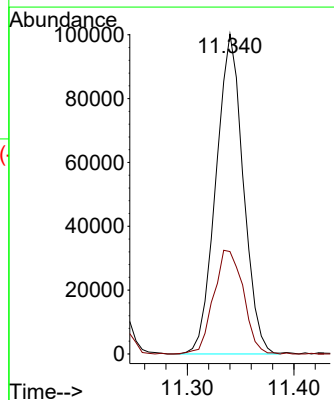
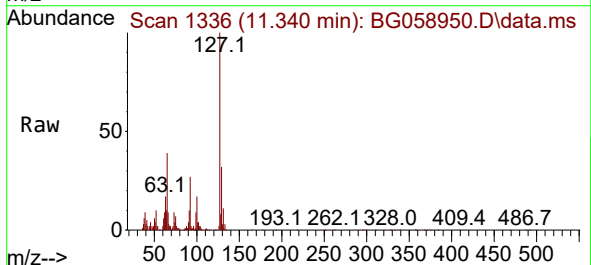
Instrument :
BNA_G
ClientSampleId :
SLCS303

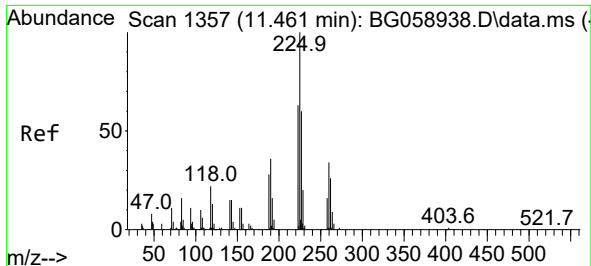
Tgt Ion:128 Resp: 501246
Ion Ratio Lower Upper
128 100
129 11.4 7.7 11.5
127 12.4 10.2 15.2



#32
4-Chloroaniline
Concen: 40.707 ng/ul
RT: 11.340 min Scan# 1336
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:127 Resp: 178296
Ion Ratio Lower Upper
127 100
129 32.0 24.6 36.8

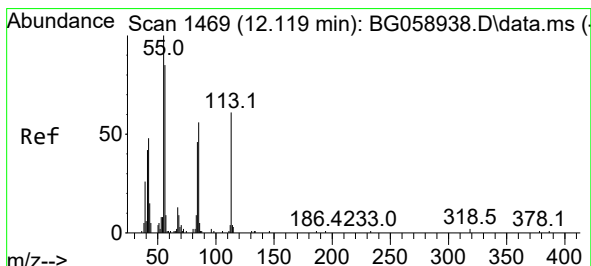
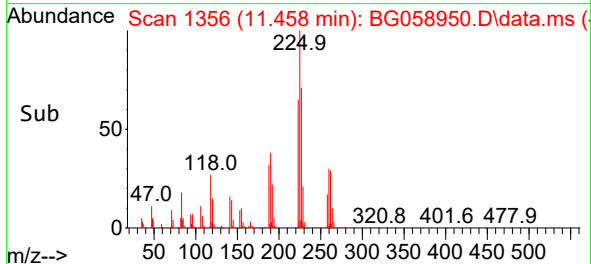
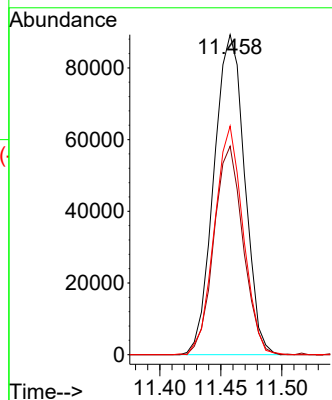
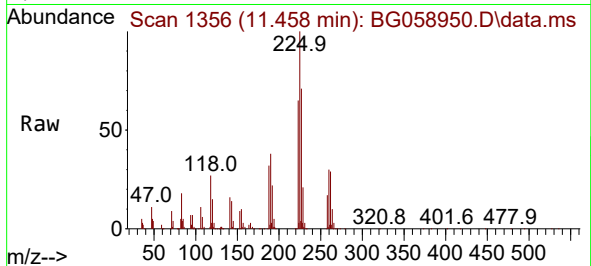




#33
Hexachlorobutadiene
Concen: 46.828 ng/ul
RT: 11.458 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

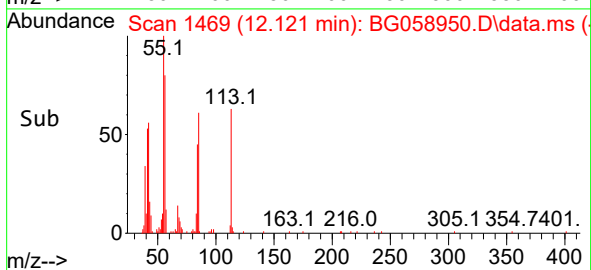
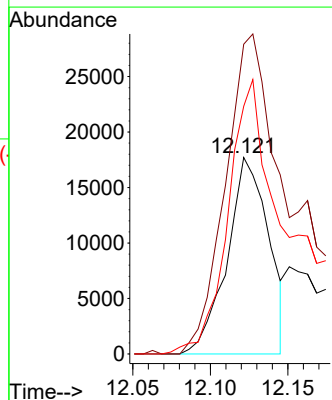
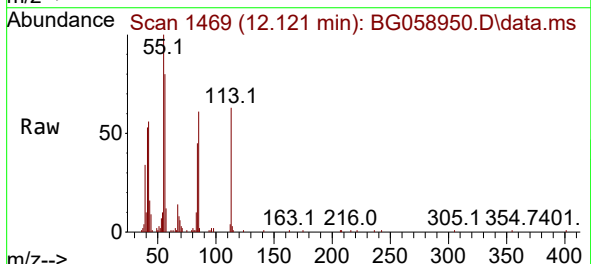
Instrument :
BNA_G
ClientSampleId :
SLCS303

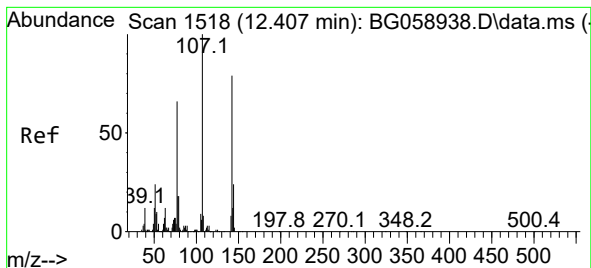
Tgt Ion:225 Resp: 156496
Ion Ratio Lower Upper
225 100
223 65.1 44.1 66.1
227 71.4 49.0 73.4



#34
Caprolactam
Concen: 29.158 ng/ul
RT: 12.121 min Scan# 1469
Delta R.T. 0.008 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:113 Resp: 32915
Ion Ratio Lower Upper
113 100
55 157.6 104.6 156.8#
56 126.1 98.8 148.2

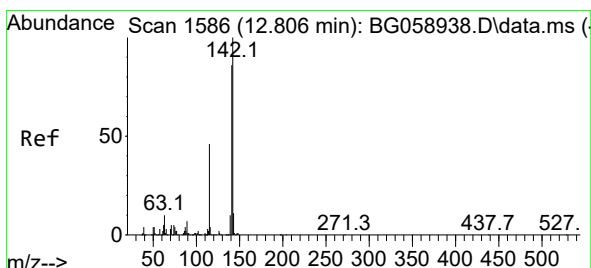
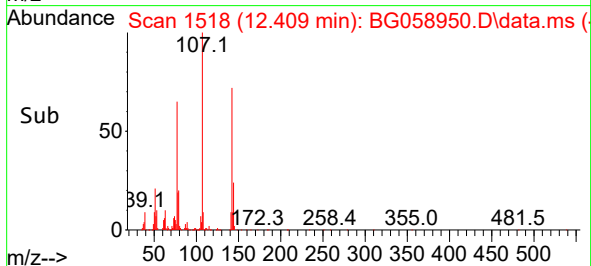
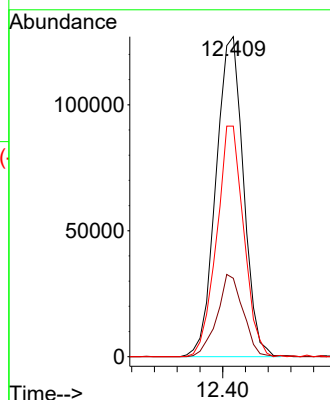
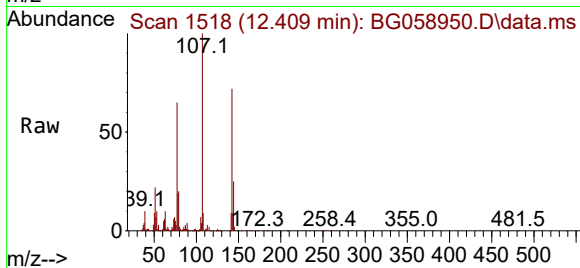




#35
4-Chloro-3-methylphenol
Concen: 53.216 ng/ul
RT: 12.409 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

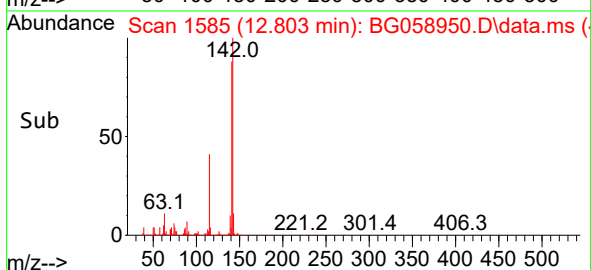
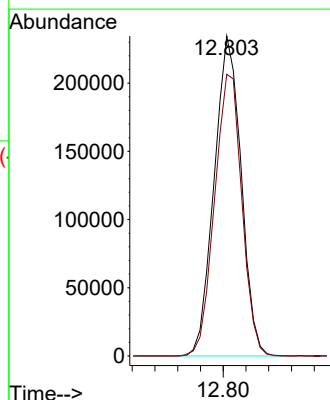
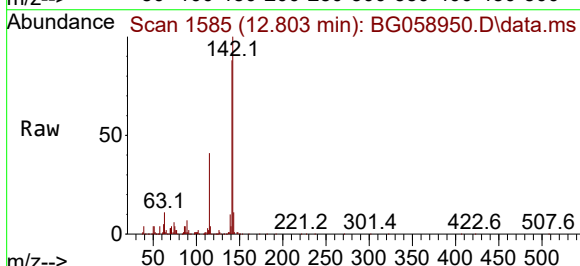
Instrument :
BNA_G
ClientSampleId :
SLCS303

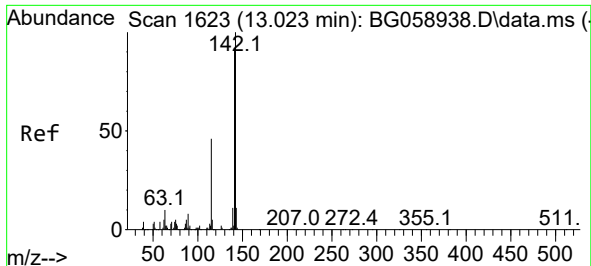
Tgt Ion:107 Resp: 213360
Ion Ratio Lower Upper
107 100
144 24.5 17.3 25.9
142 72.0 56.9 85.3



#36
2-Methylnaphthalene
Concen: 49.070 ng/ul
RT: 12.803 min Scan# 1585
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:142 Resp: 385903
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.0





#37

1-Methylnaphthalene

Concen: 46.671 ng/ul

RT: 13.020 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

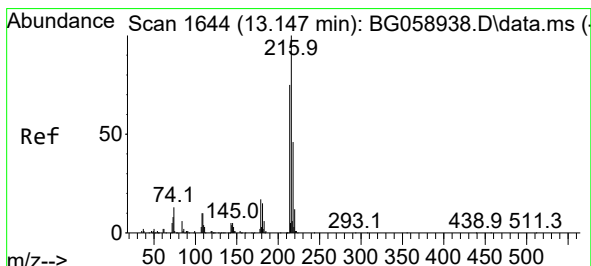
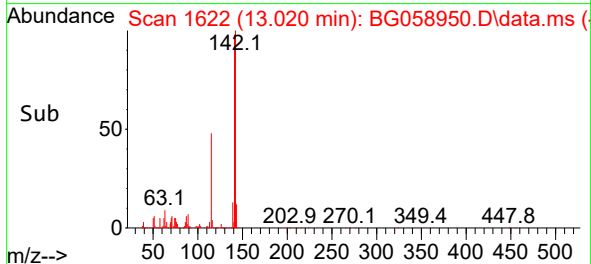
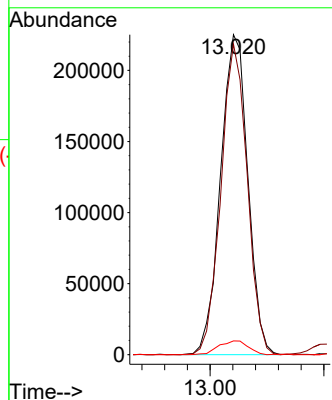
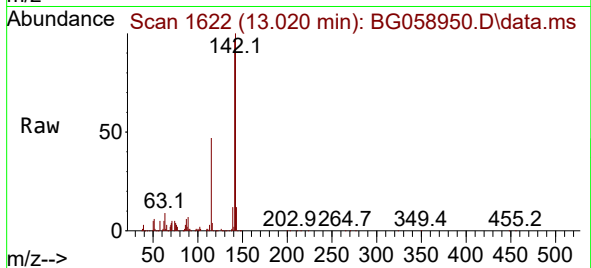
Tgt Ion:142 Resp: 375419

Ion Ratio Lower Upper

142 100

141 97.1 78.0 117.0

116 4.3 4.6 7.0#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 52.259 ng/ul

RT: 13.144 min Scan# 1643

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Tgt Ion:216 Resp: 318725

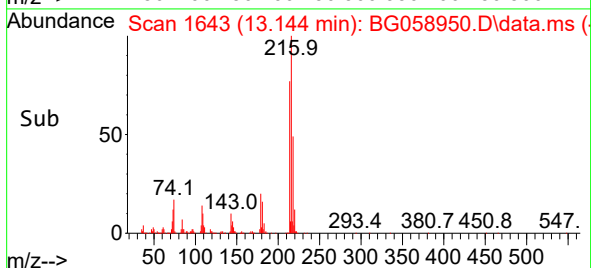
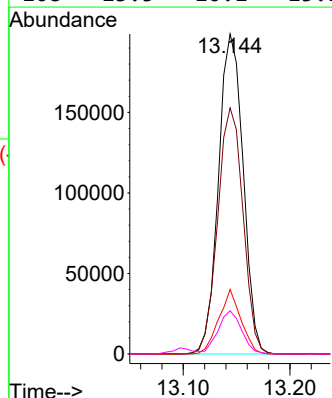
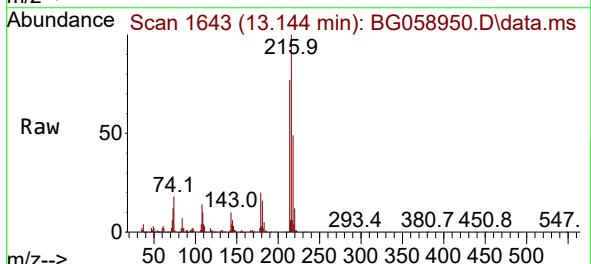
Ion Ratio Lower Upper

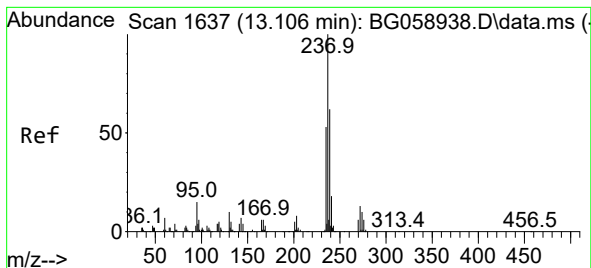
216 100

214 76.9 58.9 88.3

179 20.2 14.4 21.6

108 13.5 10.1 15.1





#40

Hexachlorocyclopentadiene

Concen: 45.062 ng/ul

RT: 13.103 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

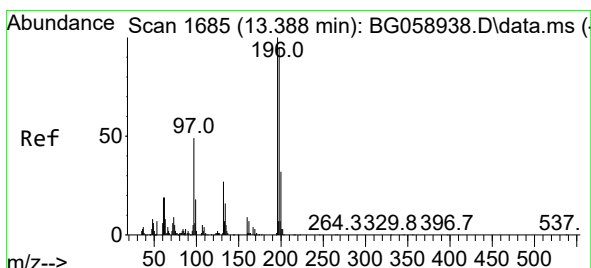
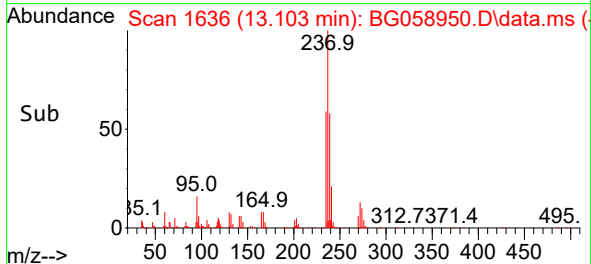
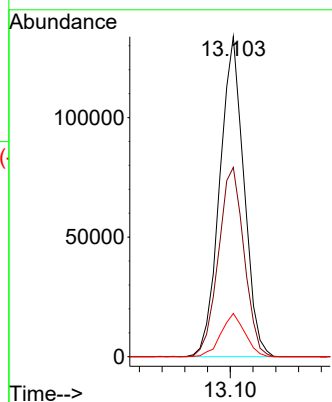
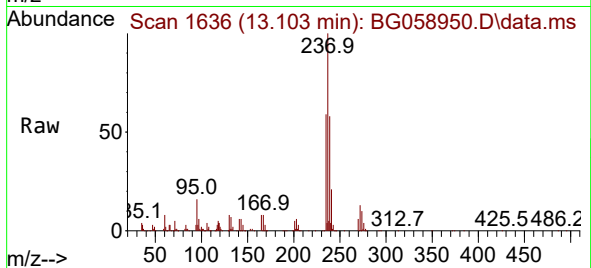
Tgt Ion:237 Resp: 197799

Ion Ratio Lower Upper

237 100

235 59.2 49.0 73.6

272 13.5 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 56.744 ng/ul

RT: 13.385 min Scan# 1684

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

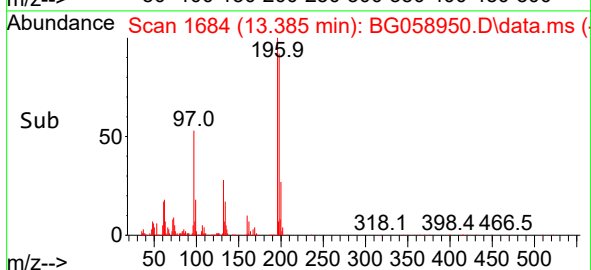
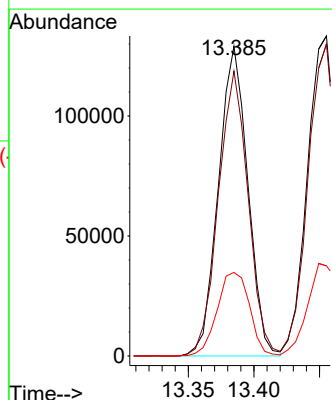
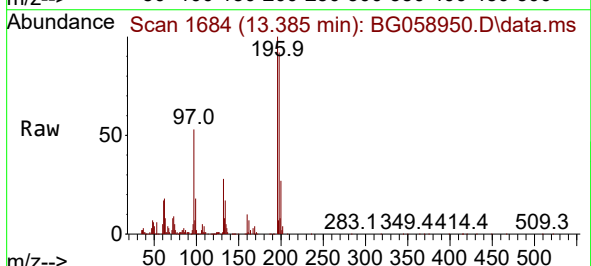
Tgt Ion:196 Resp: 201108

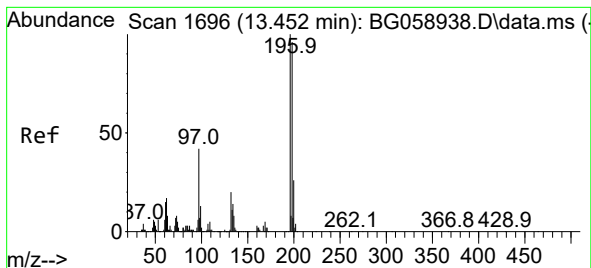
Ion Ratio Lower Upper

196 100

198 91.9 76.1 114.1

200 27.0 25.8 38.6





#42

2,4,5-Trichlorophenol

Concen: 56.680 ng/ul

RT: 13.455 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

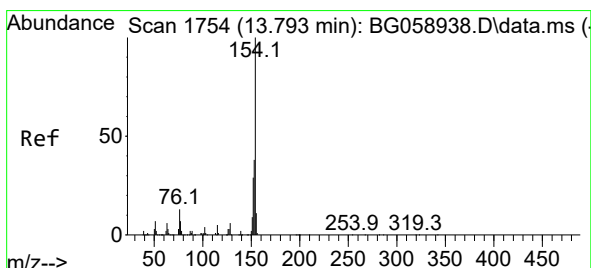
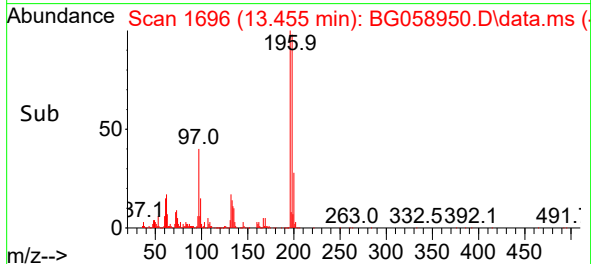
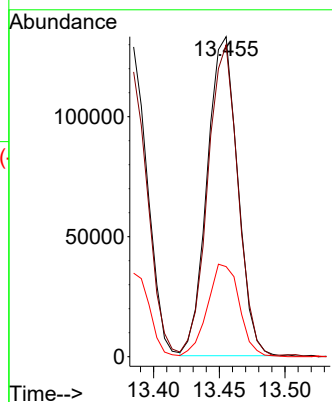
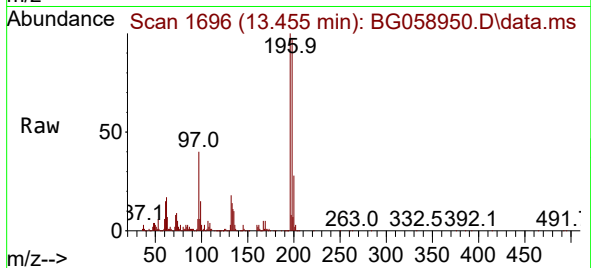
Tgt Ion:196 Resp: 215376

Ion Ratio Lower Upper

196 100

198 97.4 74.3 111.5

200 28.2 24.7 37.1



#43

1,1'-Biphenyl

Concen: 52.987 ng/ul

RT: 13.796 min Scan# 1754

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

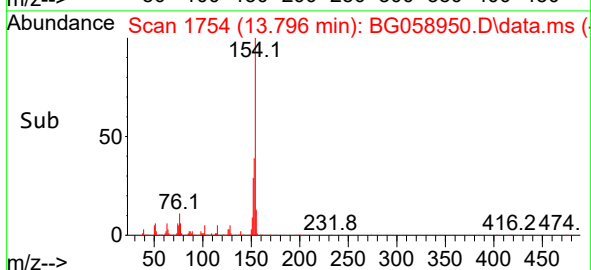
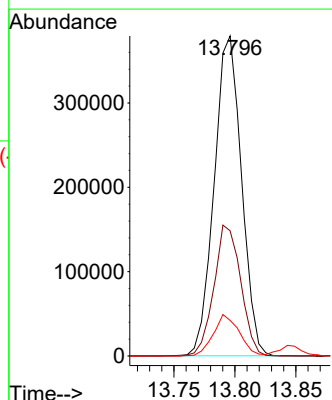
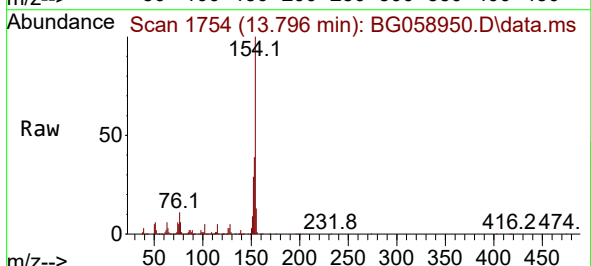
Tgt Ion:154 Resp: 589299

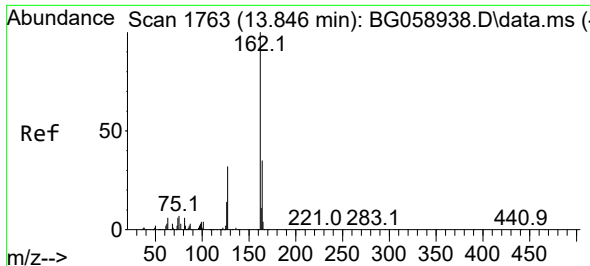
Ion Ratio Lower Upper

154 100

153 39.1 31.8 47.8

76 11.1 8.6 13.0

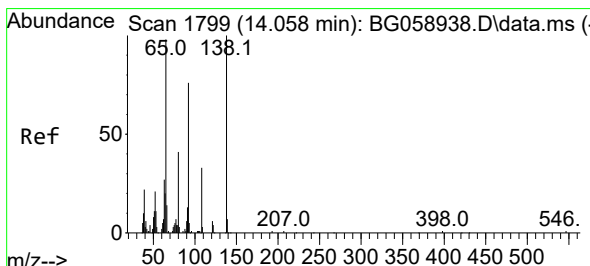
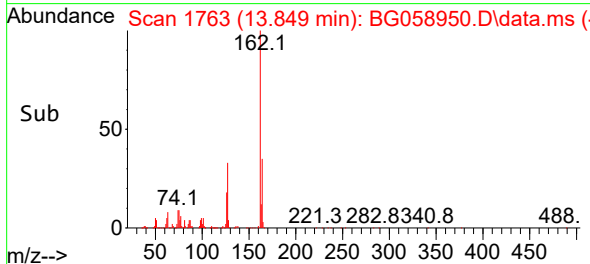
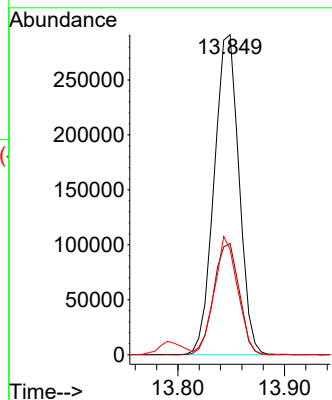
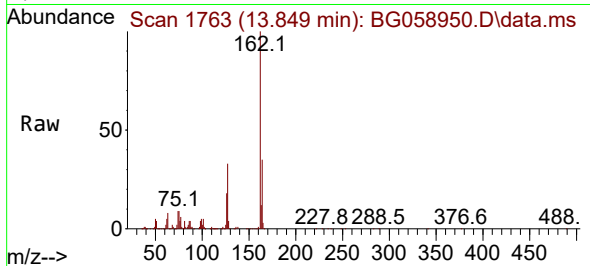




#44
2-Chloronaphthalene
Concen: 53.134 ng/ul
RT: 13.849 min Scan# 1763
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

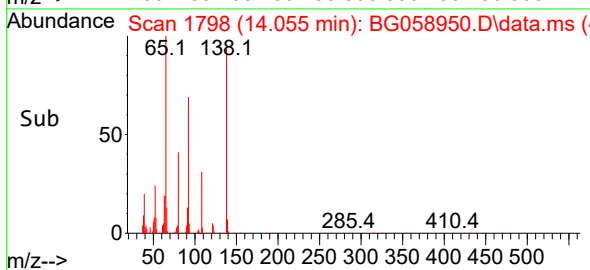
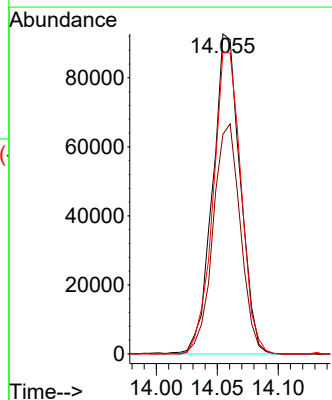
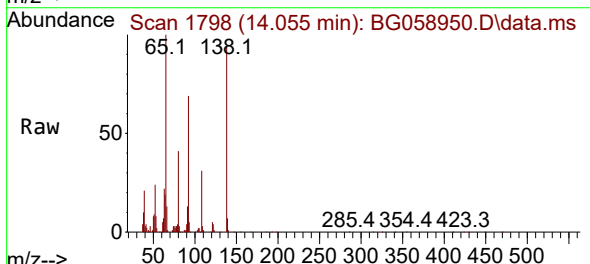
Instrument :
BNA_G
ClientSampleId :
SLCS303

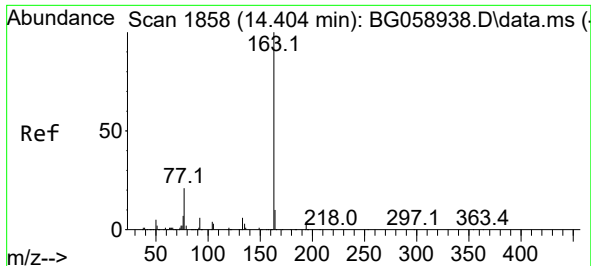
Tgt Ion:162 Resp: 471292
Ion Ratio Lower Upper
162 100
164 34.8 27.1 40.7
127 32.9 27.8 41.8



#45
2-Nitroaniline
Concen: 73.921 ng/ul
RT: 14.055 min Scan# 1798
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion: 65 Resp: 144975
Ion Ratio Lower Upper
65 100
92 68.6 52.8 79.2
138 94.4 76.4 114.6

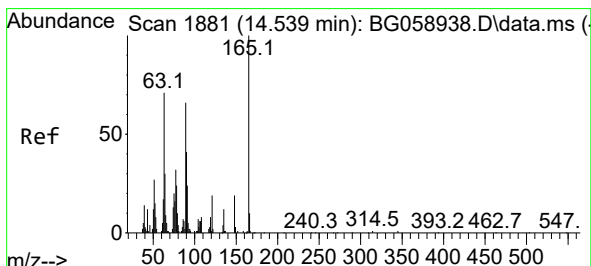
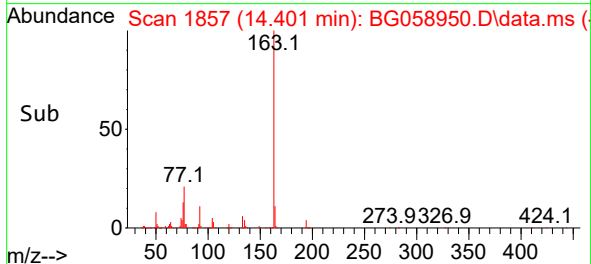
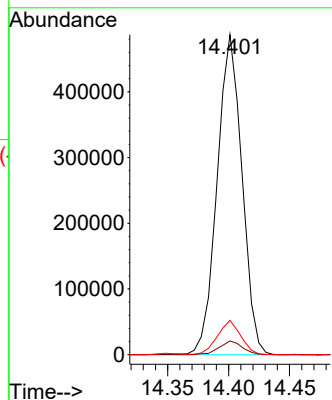
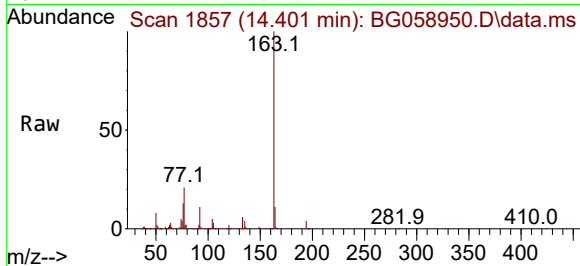




#47
Dimethylphthalate
Concen: 53.737 ng/ul
RT: 14.401 min Scan# 1857
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

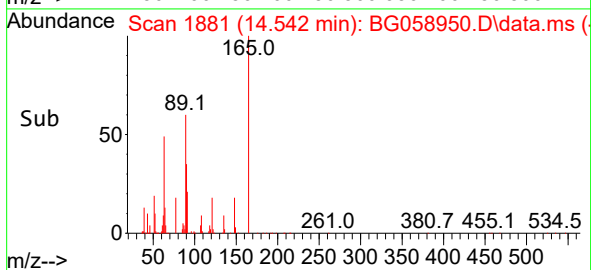
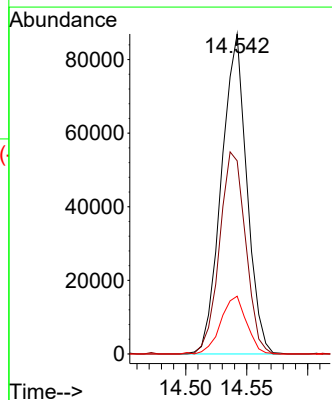
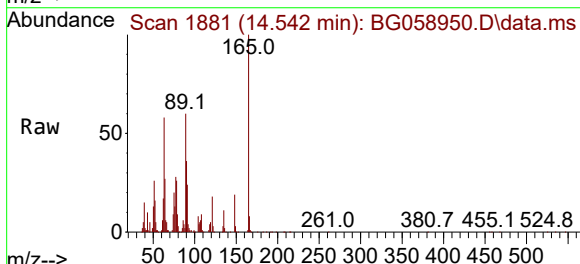
Instrument :
BNA_G
ClientSampleId :
SLCS303

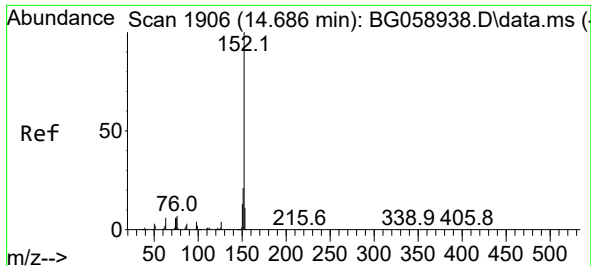
Tgt Ion:163 Resp: 689375
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 10.7 7.4 11.0



#48
2,6-Dinitrotoluene
Concen: 69.114 ng/ul
RT: 14.542 min Scan# 1881
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:165 Resp: 125843
Ion Ratio Lower Upper
165 100
89 60.3 53.0 79.6
121 18.1 14.2 21.4

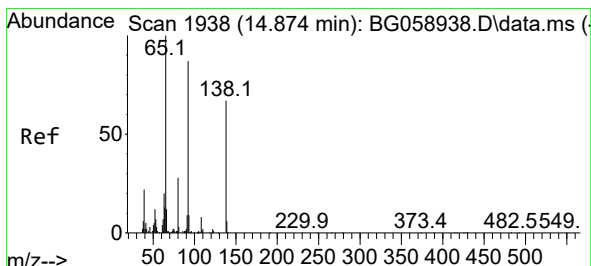
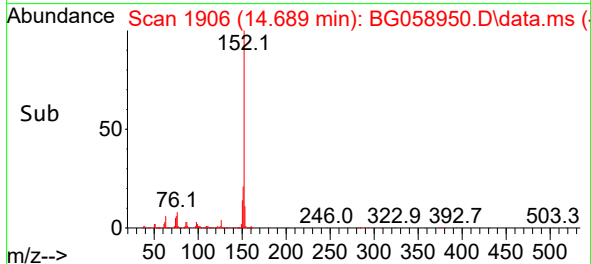
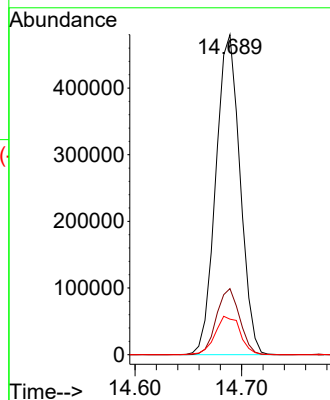
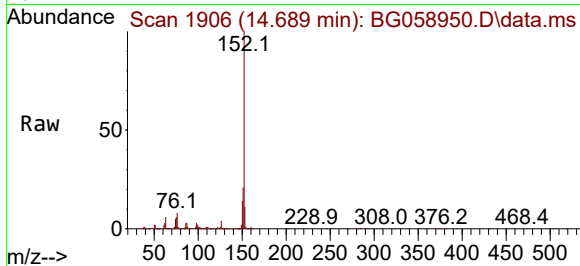




#50
Acenaphthylene
Concen: 49.789 ng/ul
RT: 14.689 min Scan# 1906
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

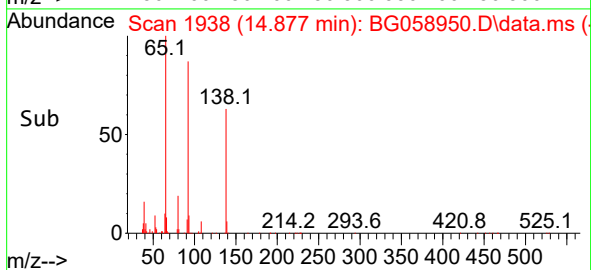
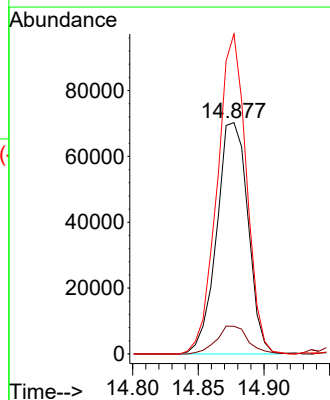
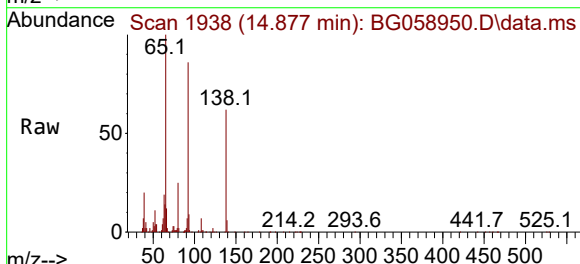
Instrument :
BNA_G
ClientSampleId :
SLCS303

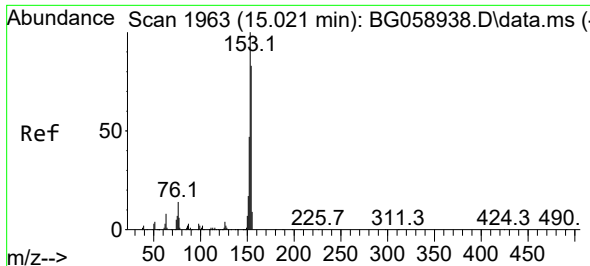
Tgt Ion:152 Resp: 757741
Ion Ratio Lower Upper
152 100
151 20.7 15.0 22.4
153 11.1 9.4 14.2



#51
3-Nitroaniline
Concen: 63.459 ng/ul
RT: 14.877 min Scan# 1938
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:138 Resp: 116435
Ion Ratio Lower Upper
138 100
108 11.9 10.2 15.2
92 138.3 105.2 157.8

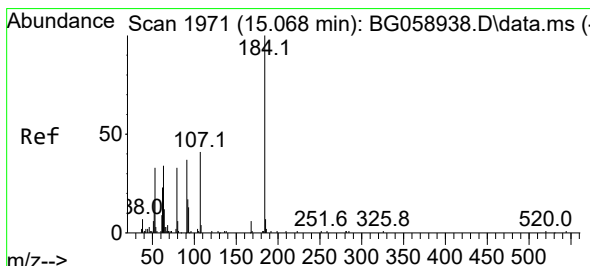
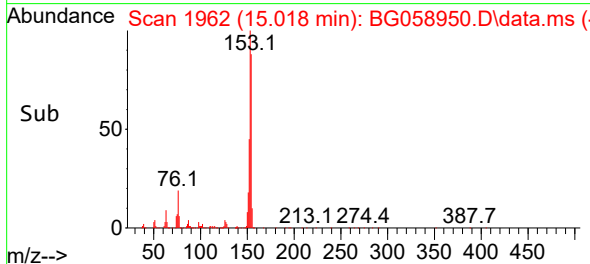
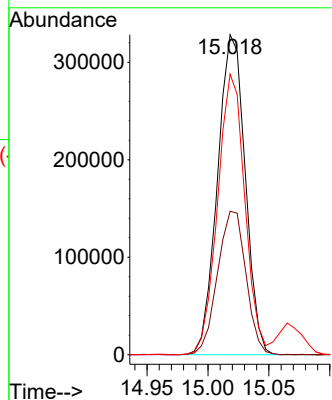
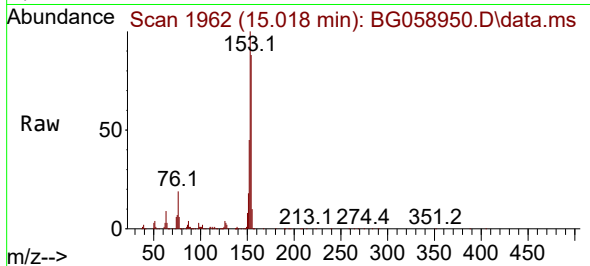




#52
Acenaphthene
Concen: 52.481 ng/ul
RT: 15.018 min Scan# 1962
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

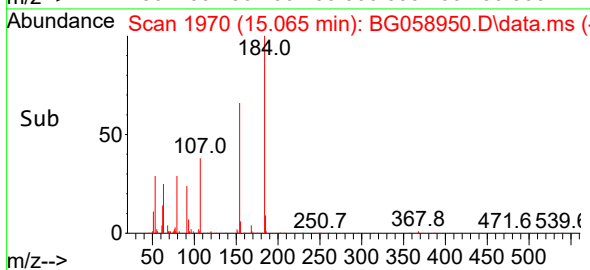
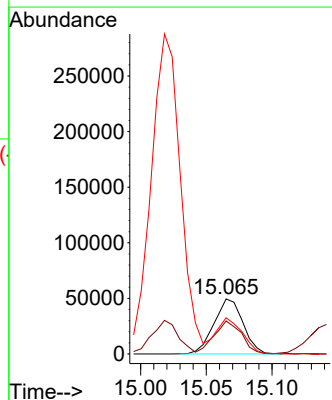
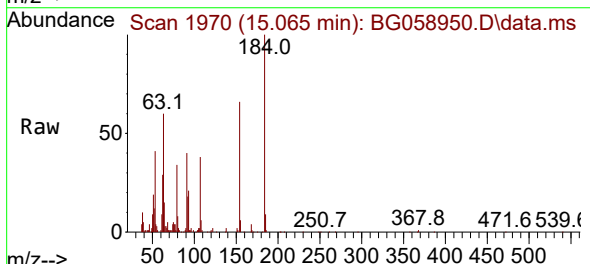
Instrument :
BNA_G
ClientSampleId :
SLCS303

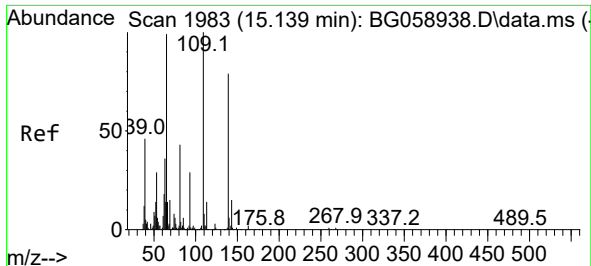
Tgt Ion:153 Resp: 520037
Ion Ratio Lower Upper
153 100
152 44.8 36.6 55.0
154 87.6 65.8 98.6



#53
2,4-Dinitrophenol
Concen: 49.493 ng/ul
RT: 15.065 min Scan# 1970
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:184 Resp: 76234
Ion Ratio Lower Upper
184 100
63 59.9 43.3 64.9
154 65.7 38.6 57.8#

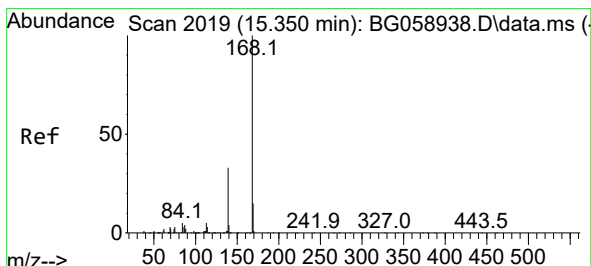
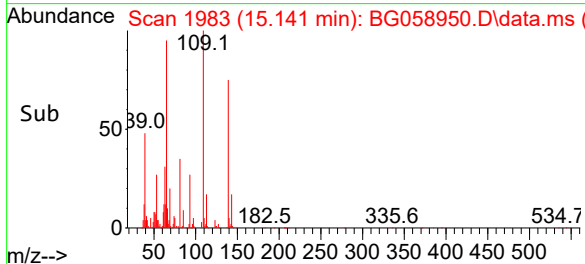
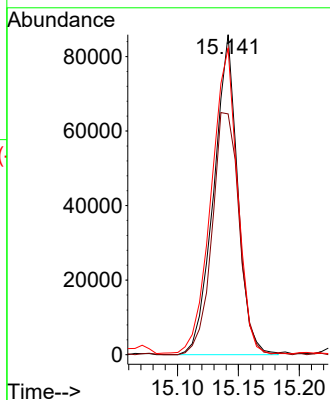
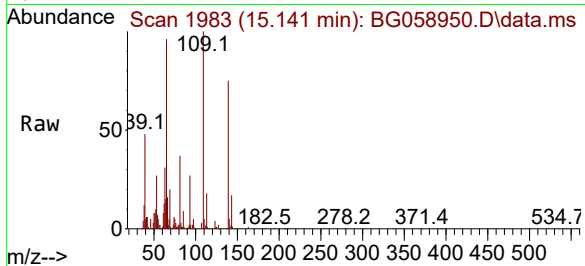




#55
4-Nitrophenol
Concen: 56.232 ng/ul
RT: 15.141 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

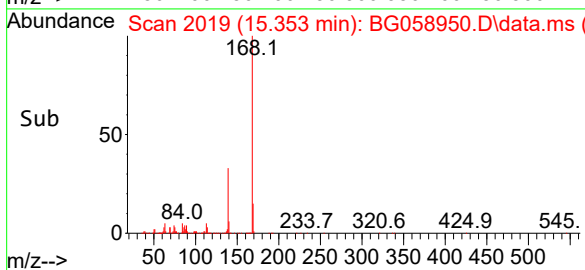
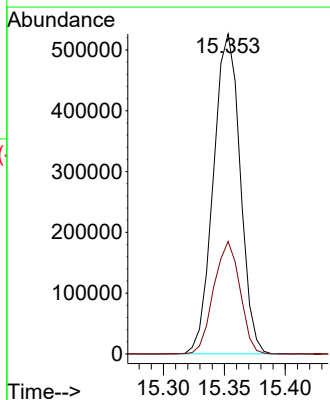
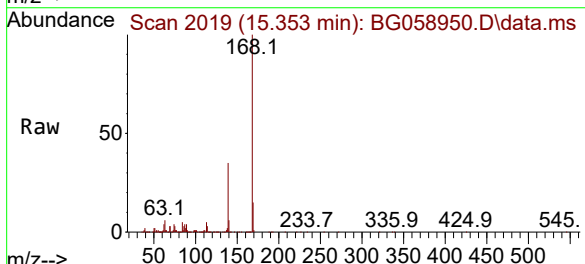
Instrument :
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ClientSampleId :
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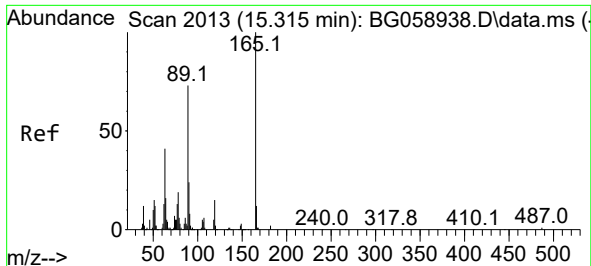
Tgt Ion:109 Resp: 117244
Ion Ratio Lower Upper
109 100
139 75.2 70.8 106.2
65 95.8 87.5 131.3



#56
Dibenzofuran
Concen: 54.374 ng/ul
RT: 15.353 min Scan# 2019
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:168 Resp: 804324
Ion Ratio Lower Upper
168 100
139 35.1 29.4 44.0





#57

2,4-Dinitrotoluene

Concen: 66.011 ng/ul

RT: 15.318 min Scan# 2013

Delta R.T. 0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

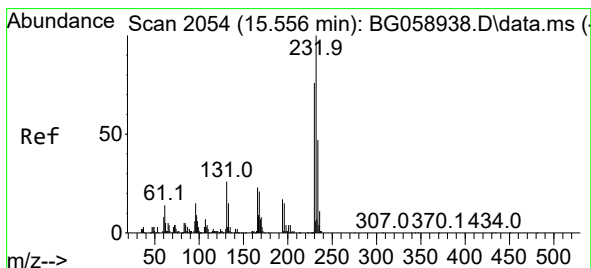
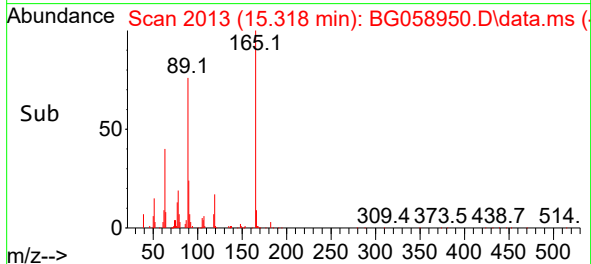
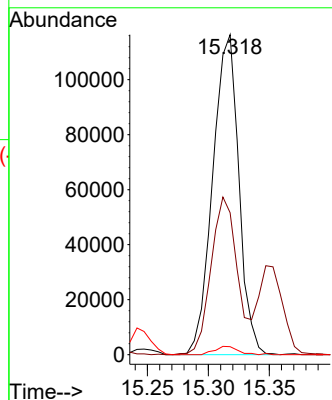
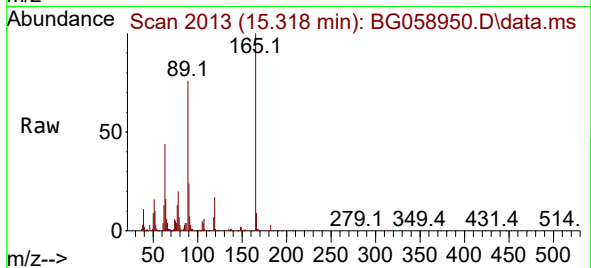
Tgt Ion:165 Resp: 173387

Ion Ratio Lower Upper

165 100

63 44.3 35.8 53.8

182 2.5 1.7 2.5#



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.708 ng/ul

RT: 15.553 min Scan# 2053

Delta R.T. -0.009 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Tgt Ion:232 Resp: 207597

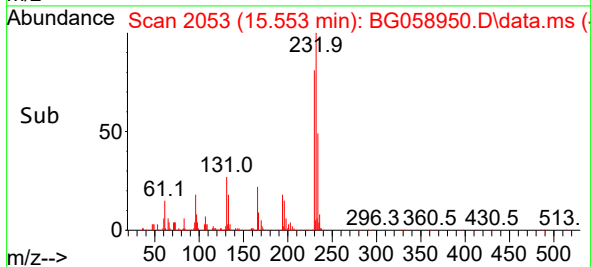
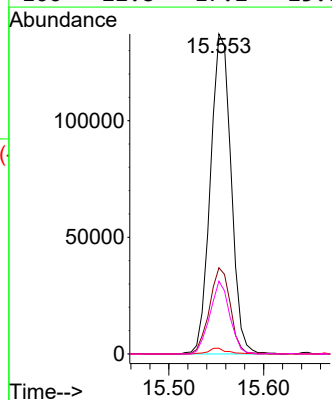
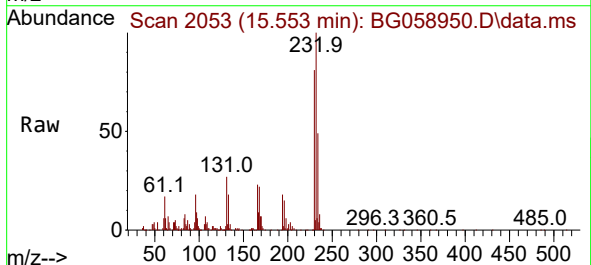
Ion Ratio Lower Upper

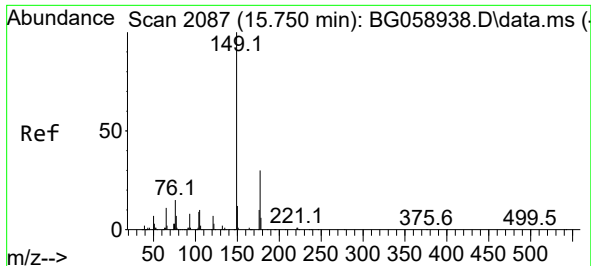
232 100

131 27.0 20.6 31.0

130 1.8 0.0 0.0#

166 22.8 17.2 25.8

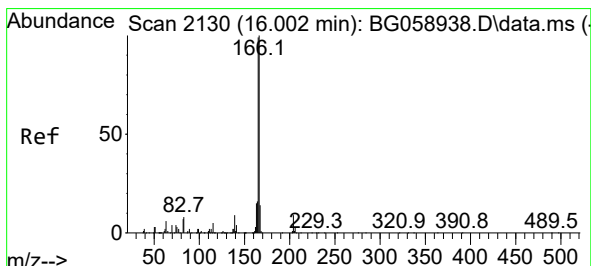
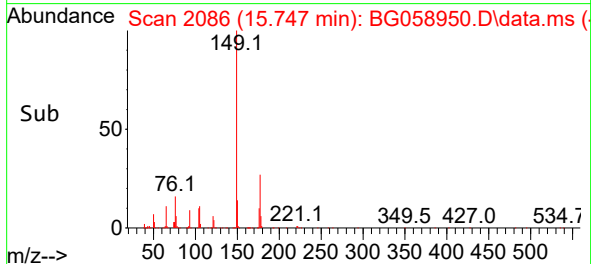
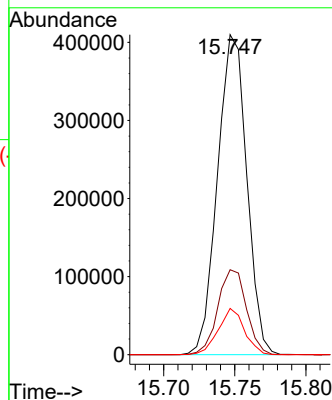
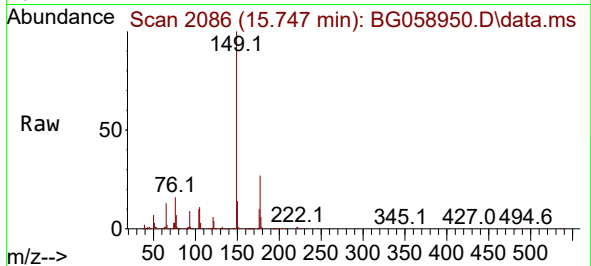




#59
Diethylphthalate
Concen: 50.961 ng/ul
RT: 15.747 min Scan# 2086
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

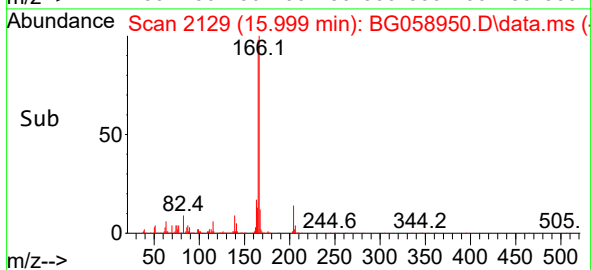
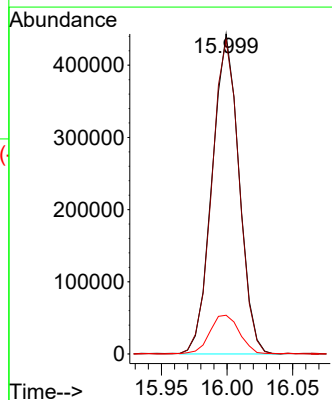
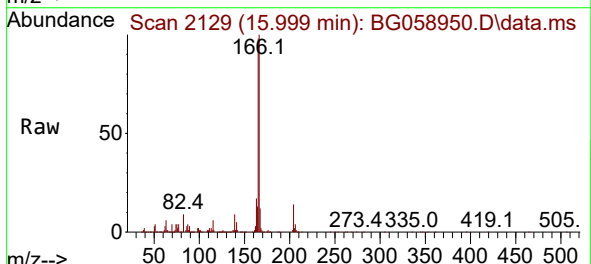
Instrument :
BNA_G
ClientSampleId :
SLCS303

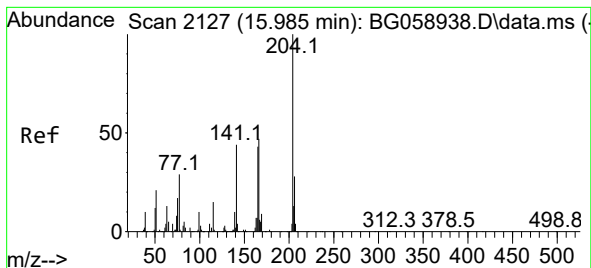
Tgt Ion:149 Resp: 587572
Ion Ratio Lower Upper
149 100
177 26.6 21.0 31.4
150 14.4 11.6 17.4



#61
Fluorene
Concen: 50.370 ng/ul
RT: 15.999 min Scan# 2129
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:166 Resp: 632566
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 12.1 10.1 15.1

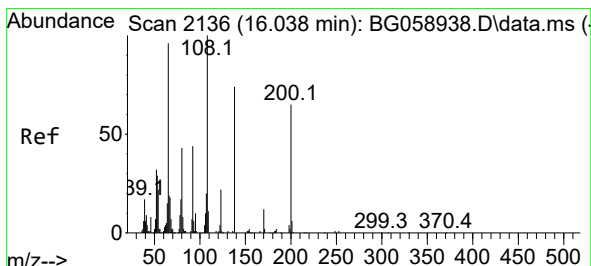
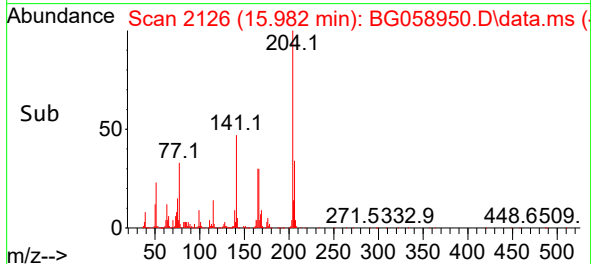
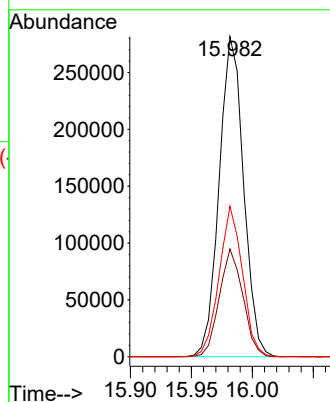
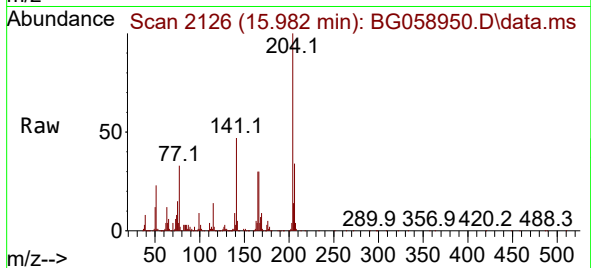




#62
4-Chlorophenyl-phenylether
Concen: 52.024 ng/ul
RT: 15.982 min Scan# 2127
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

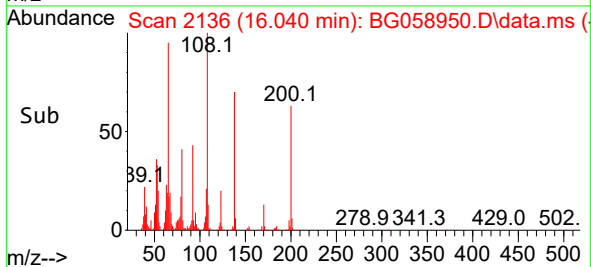
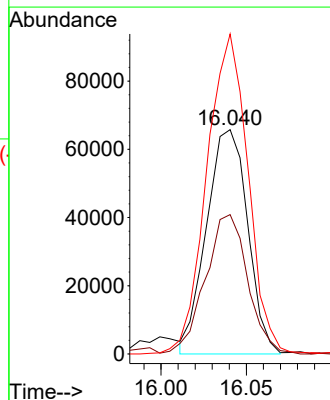
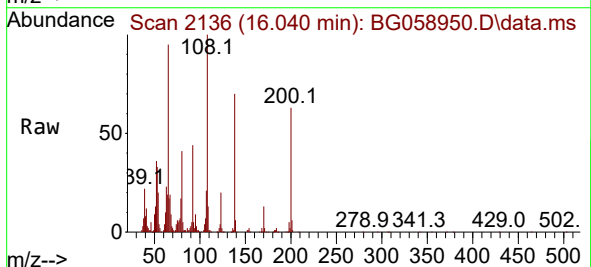
Instrument :
BNA_G
ClientSampleId :
SLCS303

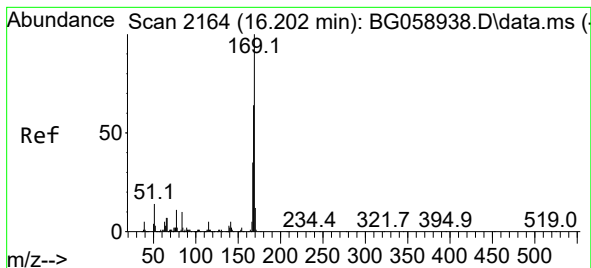
Tgt Ion:204 Resp: 391936
Ion Ratio Lower Upper
204 100
206 33.7 24.2 36.2
141 47.0 33.0 49.4



#63
4-Nitroaniline
Concen: 64.582 ng/ul
RT: 16.040 min Scan# 2136
Delta R.T. 0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:138 Resp: 110255
Ion Ratio Lower Upper
138 100
92 62.1 48.2 72.2
108 142.6 96.6 145.0





#67

N-Nitrosodiphenylamine

Concen: 24.697 ng/ul

RT: 16.199 min Scan# 2164

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

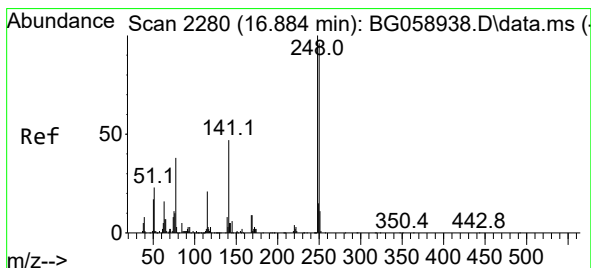
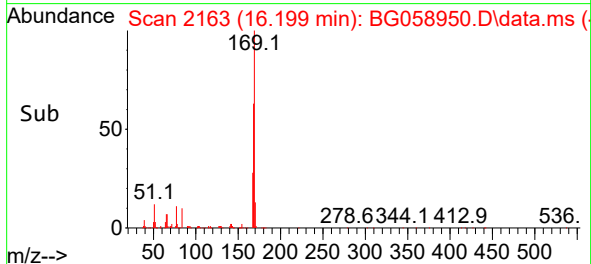
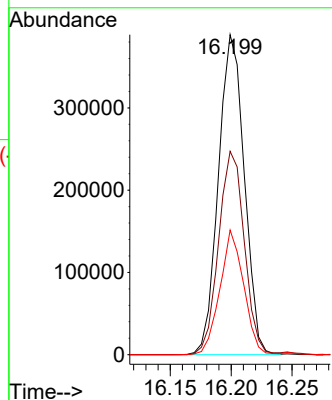
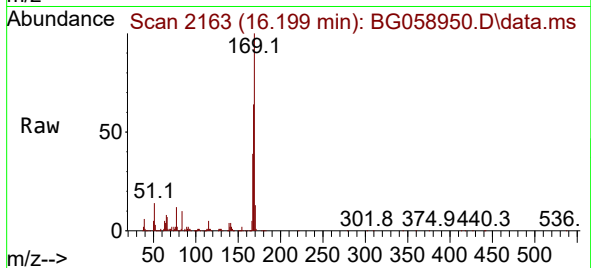
Tgt Ion:169 Resp: 574504

Ion Ratio Lower Upper

169 100

168 63.6 52.4 78.6

167 39.0 29.5 44.3



#68

4-Bromophenyl-phenylether

Concen: 22.734 ng/ul

RT: 16.881 min Scan# 2279

Delta R.T. -0.009 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

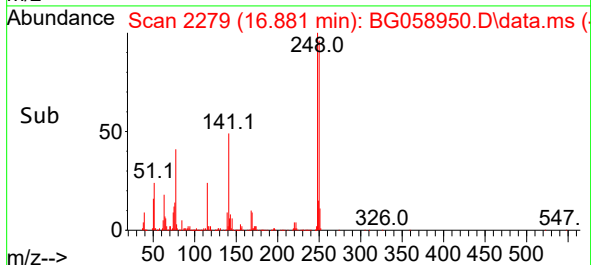
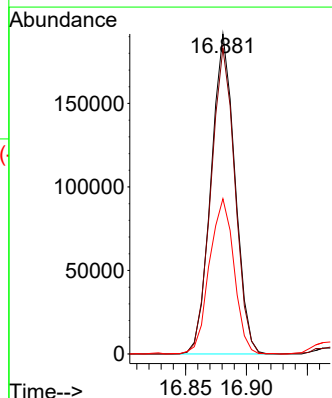
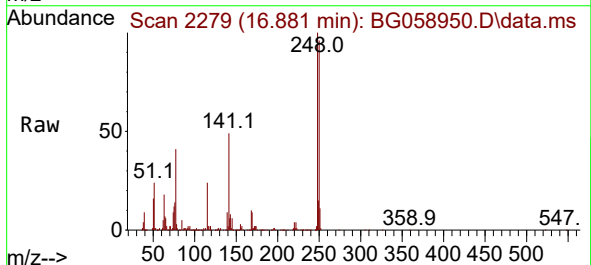
Tgt Ion:248 Resp: 261124

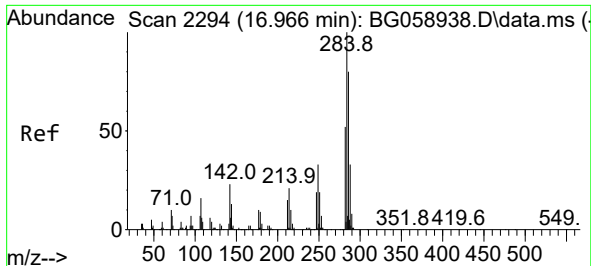
Ion Ratio Lower Upper

248 100

250 95.6 73.9 110.9

141 48.5 36.1 54.1

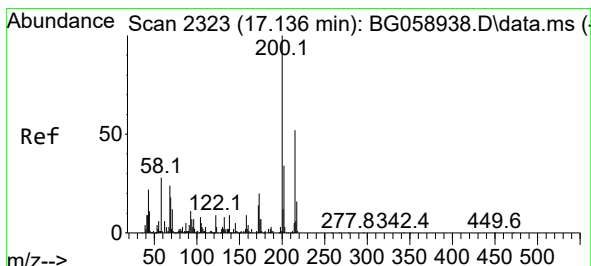
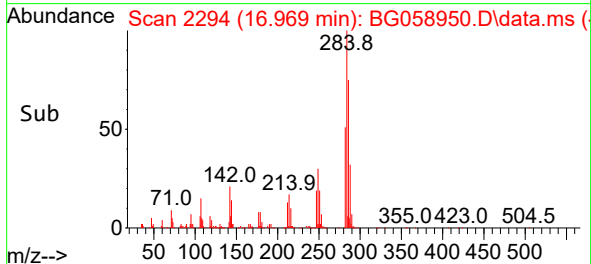
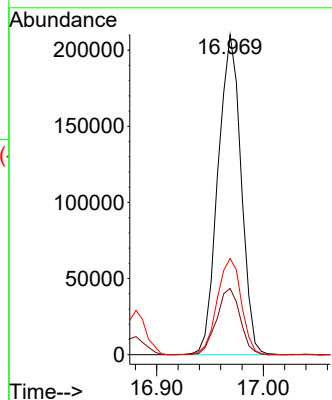
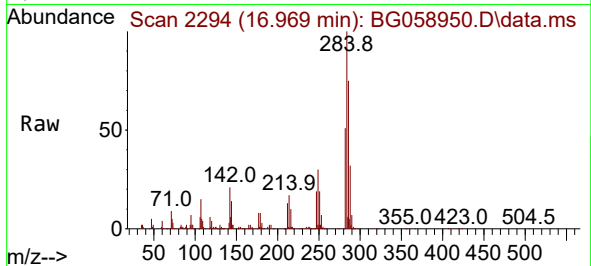




#69
Hexachlorobenzene
Concen: 23.794 ng/ul
RT: 16.969 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

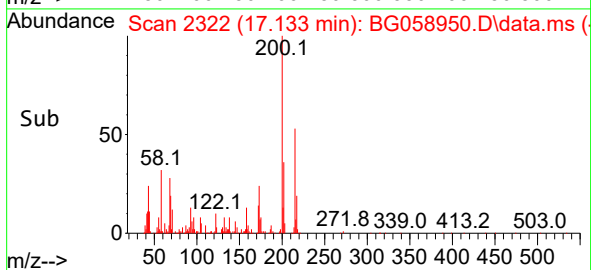
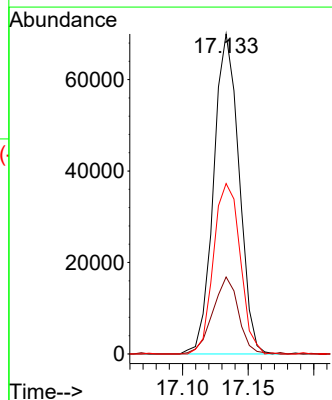
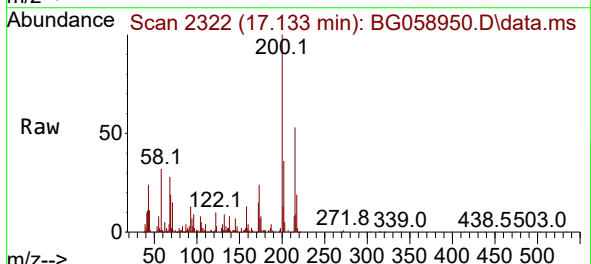
Instrument :
BNA_G
ClientSampleId :
SLCS303

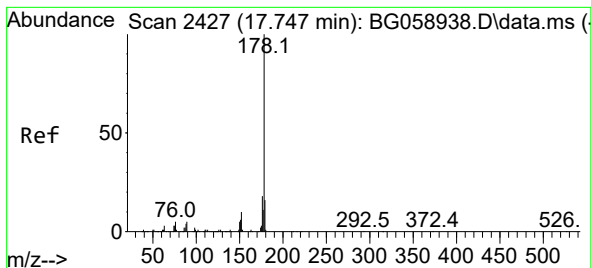
Tgt Ion:284 Resp: 315371
Ion Ratio Lower Upper
284 100
142 20.7 16.2 24.2
249 30.1 24.4 36.6



#70
Atrazine
Concen: 10.074 ng/ul
RT: 17.133 min Scan# 2322
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:200 Resp: 94083
Ion Ratio Lower Upper
200 100
173 24.1 16.5 24.7
215 53.2 42.1 63.1





#72

Phenanthrene

Concen: 22.777 ng/ul

RT: 17.838 min Scan# 2442

Delta R.T. 0.085 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

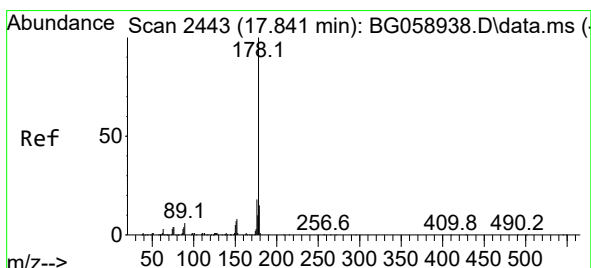
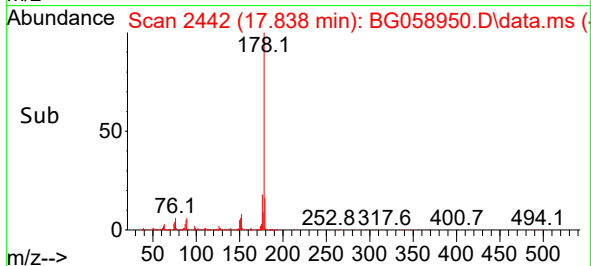
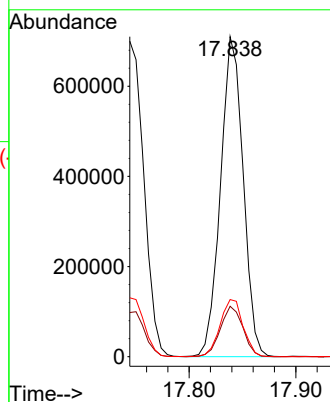
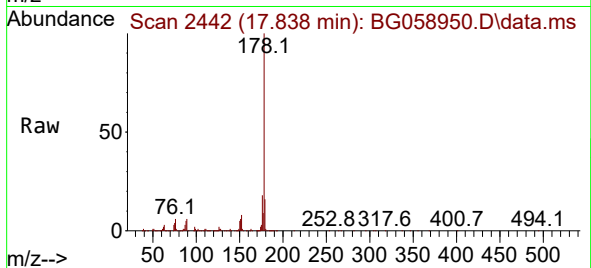
Tgt Ion:178 Resp: 1045928

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

176 17.8 15.0 22.6



#74

Anthracene

Concen: 22.294 ng/ul

RT: 17.838 min Scan# 2442

Delta R.T. -0.009 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

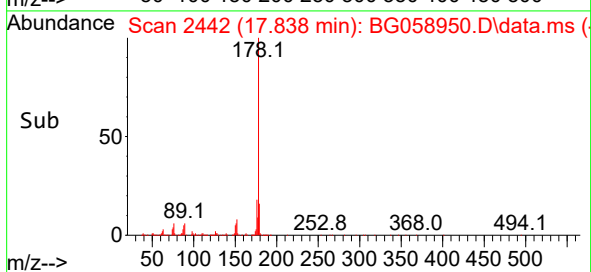
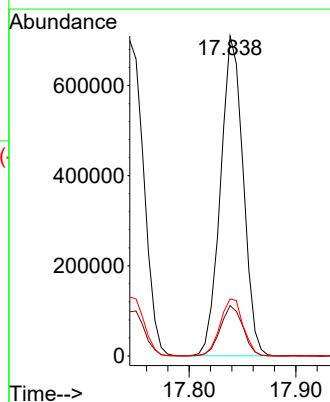
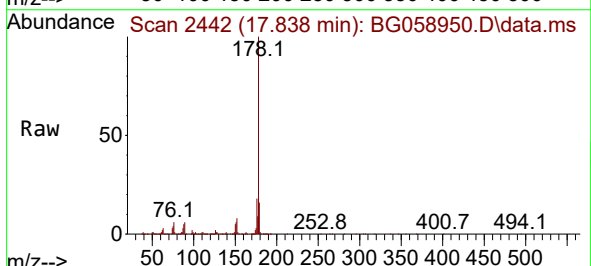
Tgt Ion:178 Resp: 1045229

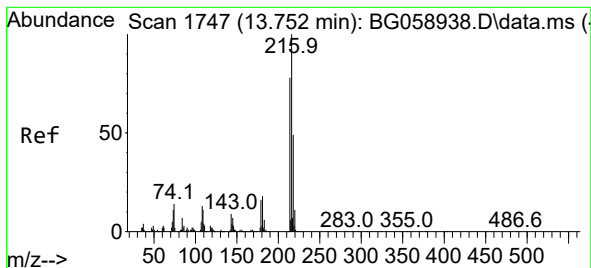
Ion Ratio Lower Upper

178 100

179 15.7 11.1 16.7

176 17.8 14.8 22.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 2.458 ng/uL

RT: 13.749 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

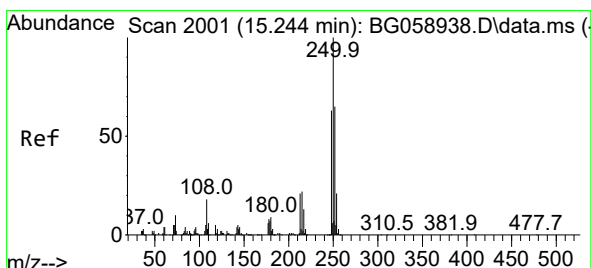
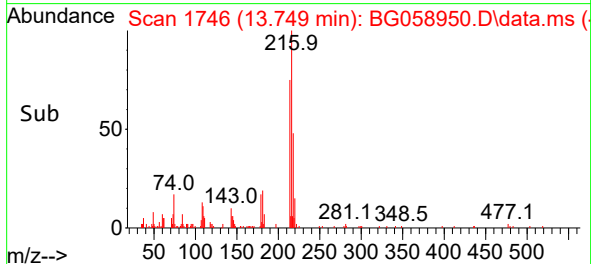
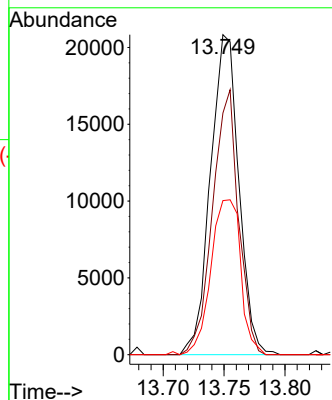
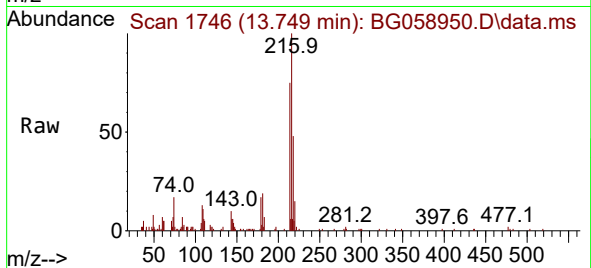
Tgt Ion:216 Resp: 33765

Ion Ratio Lower Upper

216 100

214 75.5 63.9 95.9

218 48.1 34.5 51.7



#76

Pentachlorobenzene

Concen: 27.109 ng/uL

RT: 15.247 min Scan# 2001

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

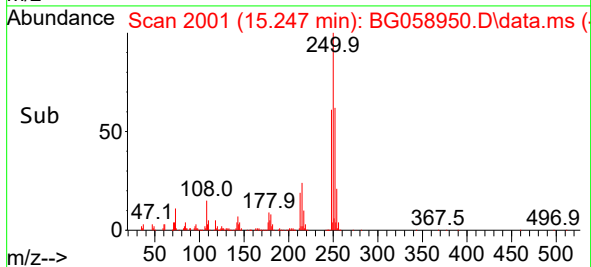
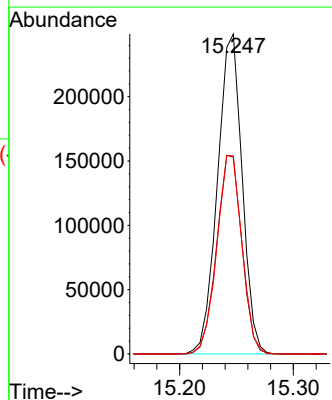
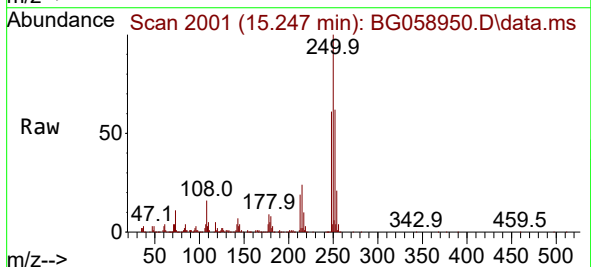
Tgt Ion:250 Resp: 375270

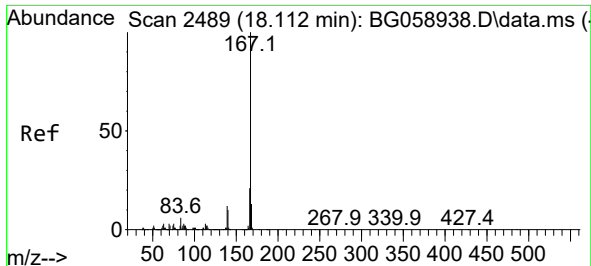
Ion Ratio Lower Upper

250 100

248 61.5 51.2 76.8

252 62.0 53.4 80.2

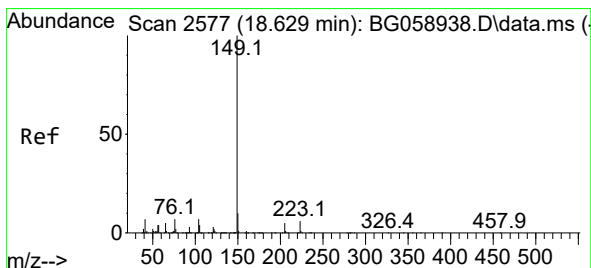
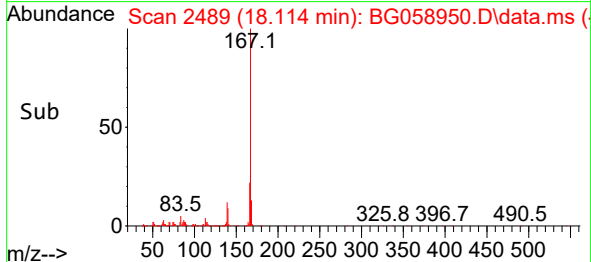
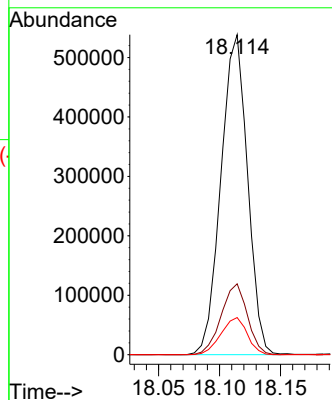
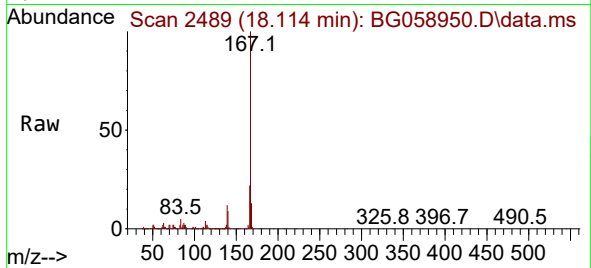




#77
 Carbazole
 Concen: 22.949 ng/ul
 RT: 18.114 min Scan# 2489
 Delta R.T. -0.003 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

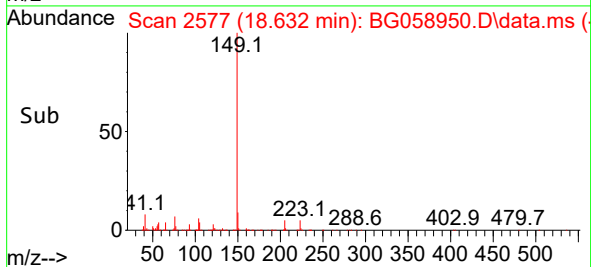
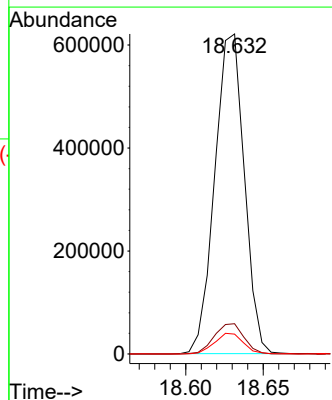
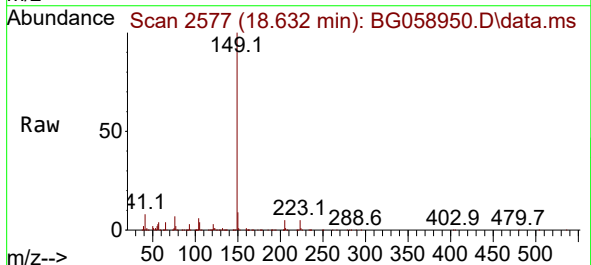
Instrument :
 BNA_G
 ClientSampleId :
 SLCS303

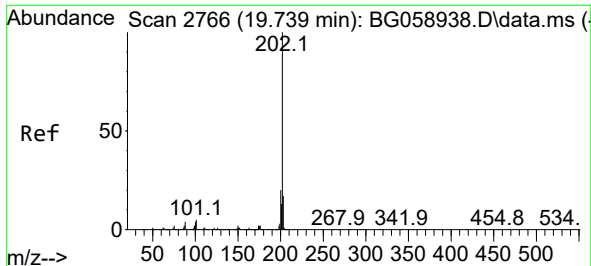
Tgt Ion:167 Resp: 816672
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.8 26.6
 139 11.6 8.8 13.2



#78
 Di-n-butylphthalate
 Concen: 25.694 ng/ul
 RT: 18.632 min Scan# 2577
 Delta R.T. -0.003 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

Tgt Ion:149 Resp: 821945
 Ion Ratio Lower Upper
 149 100
 150 9.4 9.1 13.7
 104 6.2 5.4 8.0

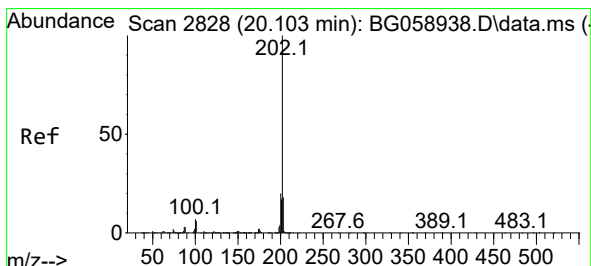
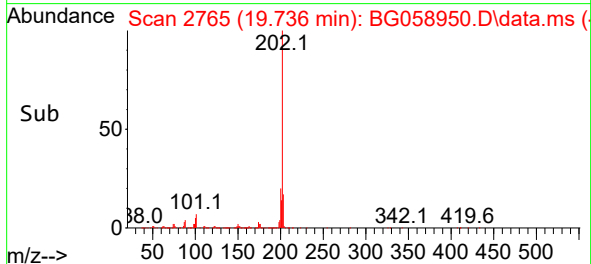
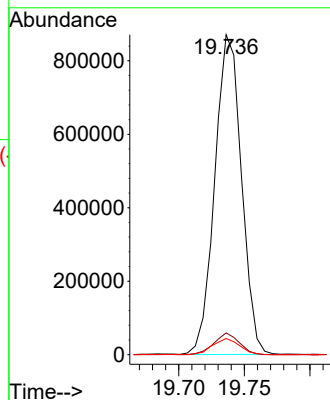
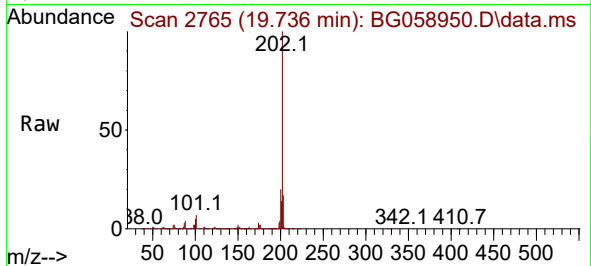




#80
Fluoranthene
Concen: 46.967 ng/ul
RT: 19.736 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

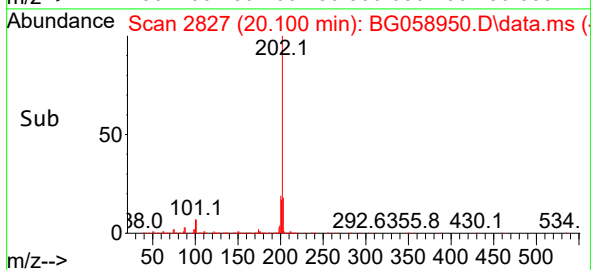
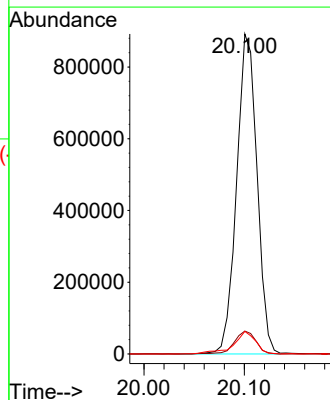
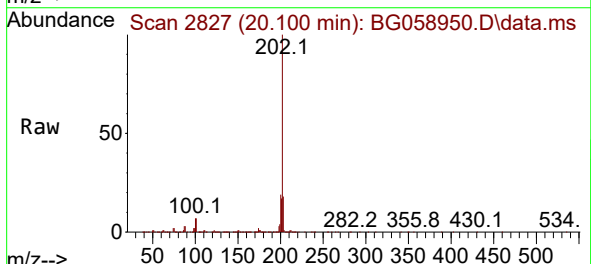
Instrument :
BNA_G
ClientSampleId :
SLCS303

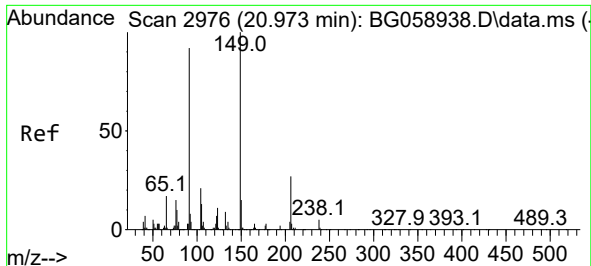
Tgt Ion:202 Resp: 1229796
Ion Ratio Lower Upper
202 100
101 6.8 4.6 7.0
100 5.1 3.8 5.6



#82
Pyrene
Concen: 48.206 ng/ul
RT: 20.100 min Scan# 2827
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:202 Resp: 1264315
Ion Ratio Lower Upper
202 100
101 7.2 5.2 7.8
100 7.0 5.0 7.4

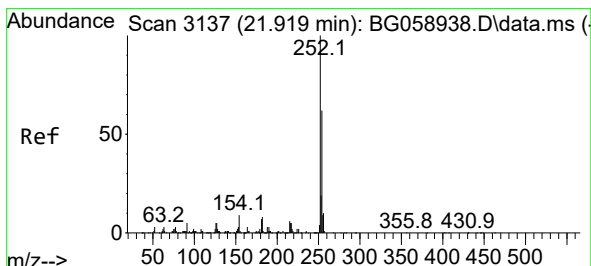
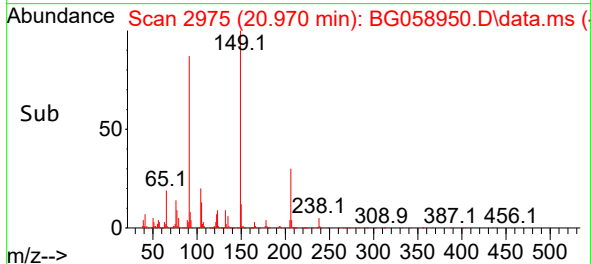
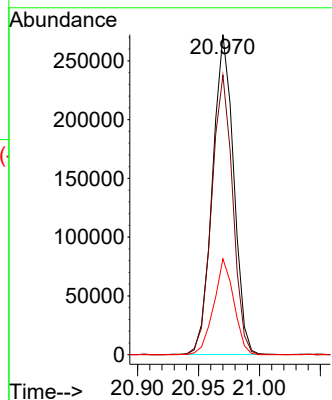
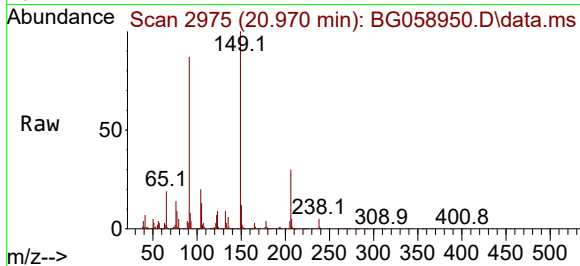




#83
Butylbenzylphthalate
Concen: 72.230 ng/ul
RT: 20.970 min Scan# 2975
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

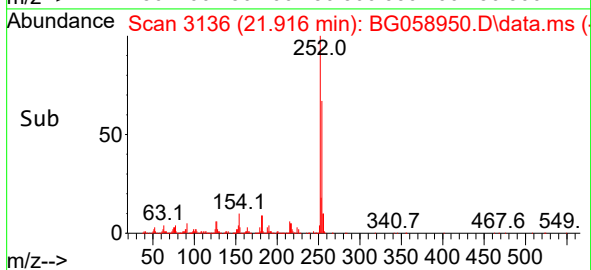
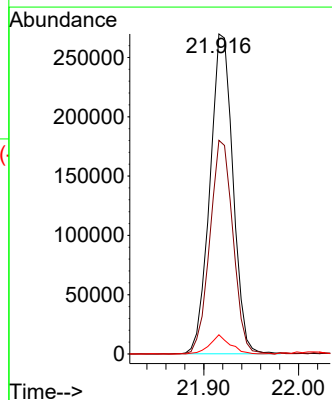
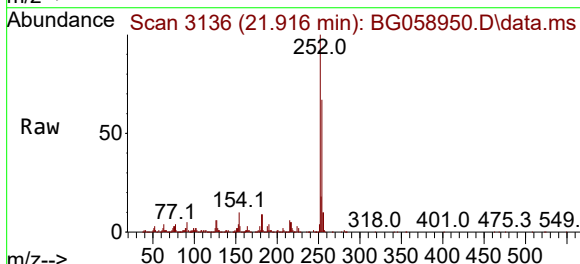
Instrument :
BNA_G
ClientSampleId :
SLCS303

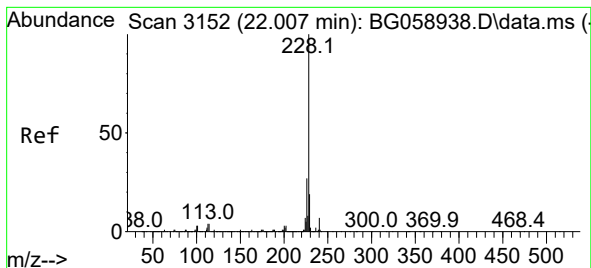
Tgt Ion:149 Resp: 328468
Ion Ratio Lower Upper
149 100
91 87.4 66.8 100.2
206 30.0 22.7 34.1



#84
3,3'-Dichlorobenzidine
Concen: 55.959 ng/ul
RT: 21.916 min Scan# 3136
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:252 Resp: 454077
Ion Ratio Lower Upper
252 100
254 66.8 51.0 76.6
126 6.0 4.7 7.1





#85

Benzo(a)anthracene

Concen: 53.099 ng/ul

RT: 22.010 min Scan# 3152

Delta R.T. -0.003 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

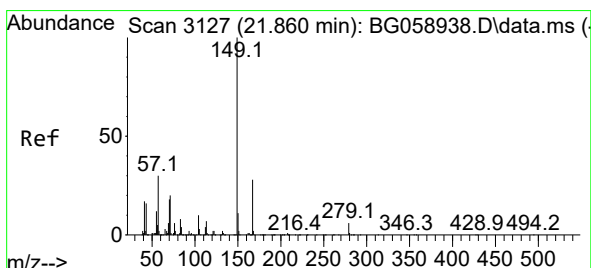
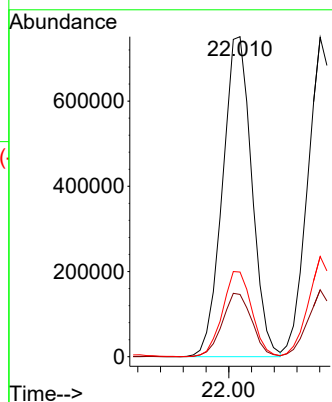
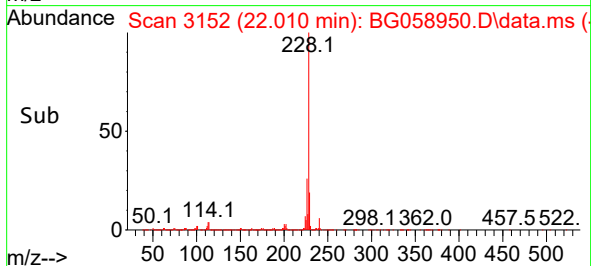
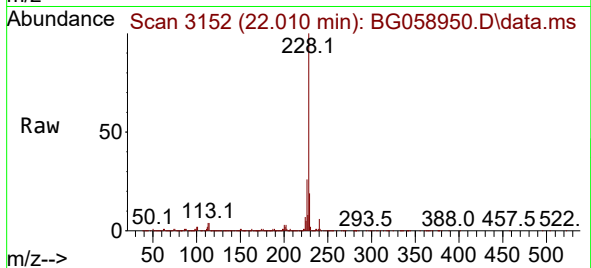
Tgt Ion:228 Resp: 1343012

Ion Ratio Lower Upper

228 100

229 19.4 16.4 24.6

226 26.5 22.6 34.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 69.920 ng/ul

RT: 21.863 min Scan# 3127

Delta R.T. -0.009 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

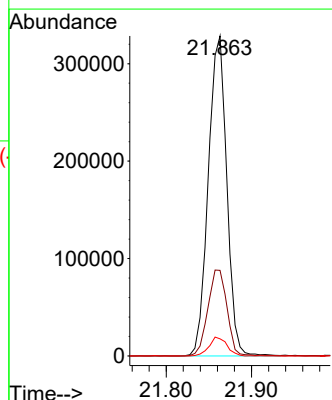
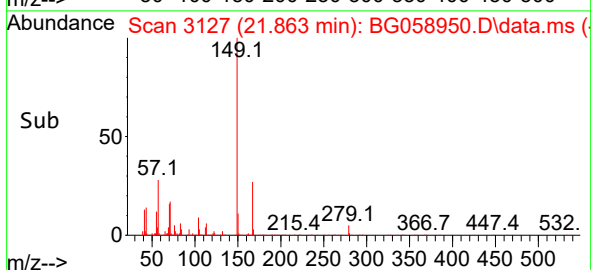
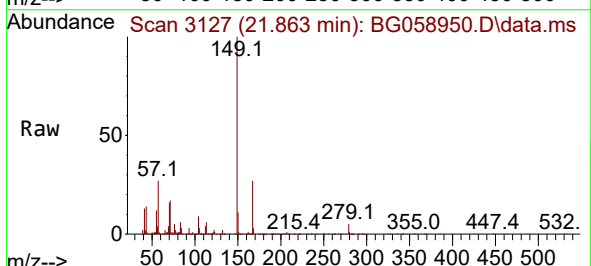
Tgt Ion:149 Resp: 496008

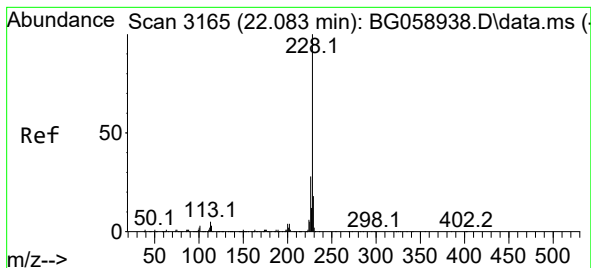
Ion Ratio Lower Upper

149 100

167 26.7 23.4 35.2

279 5.4 5.4 8.0#





#87

Chrysene

Concen: 53.120 ng/ul

RT: 22.080 min Scan# 3165

Delta R.T. -0.009 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Instrument :

BNA_G

ClientSampleId :

SLCS303

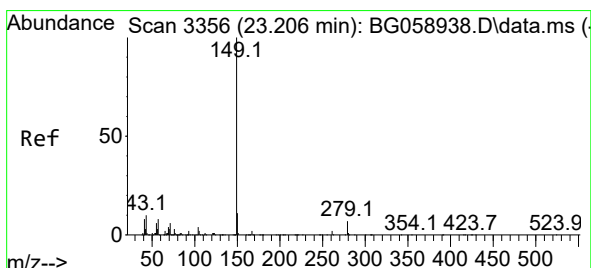
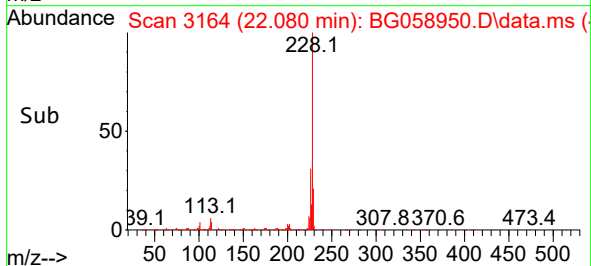
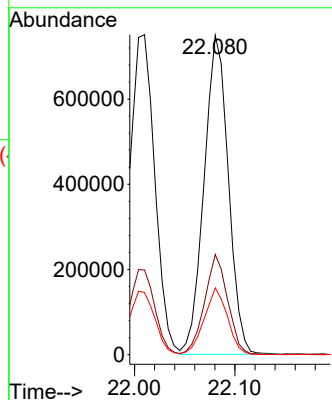
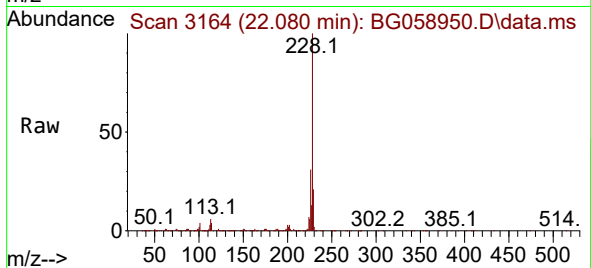
Tgt Ion:228 Resp: 1258585

Ion Ratio Lower Upper

228 100

226 31.4 24.7 37.1

229 21.0 14.7 22.1



#89

Di-n-octyl phthalate

Concen: 65.731 ng/ul

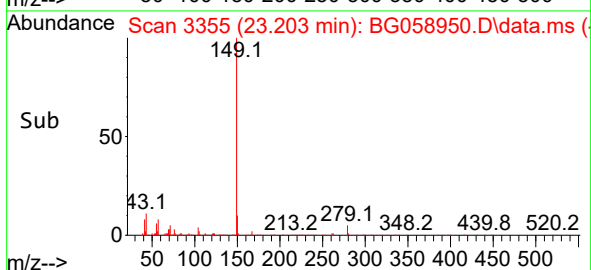
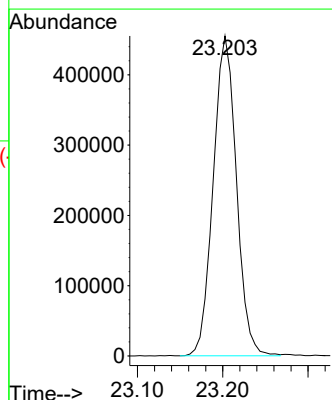
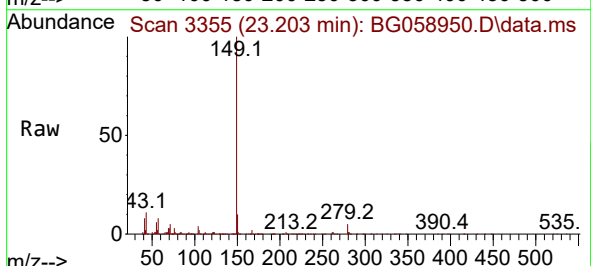
RT: 23.203 min Scan# 3355

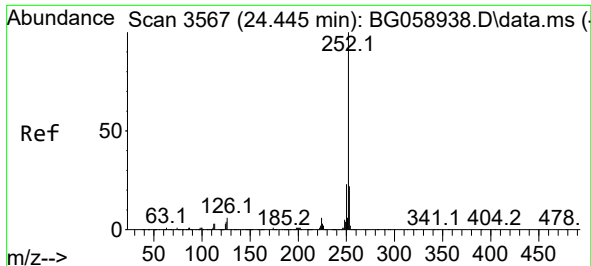
Delta R.T. -0.021 min

Lab File: BG058950.D

Acq: 9 Sep 2023 14:13

Tgt Ion:149 Resp: 860386

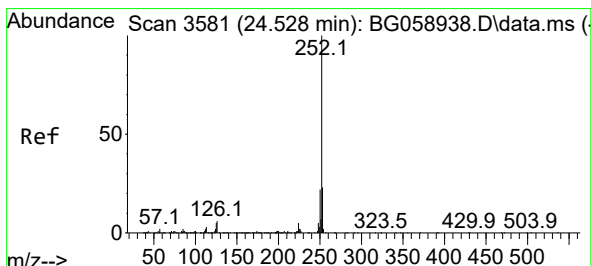
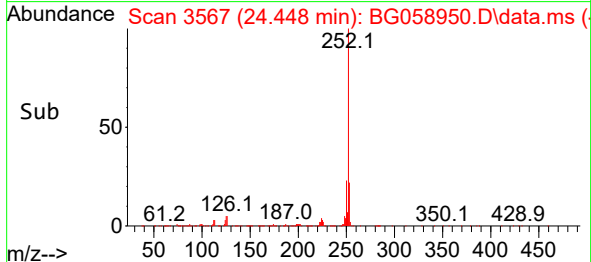
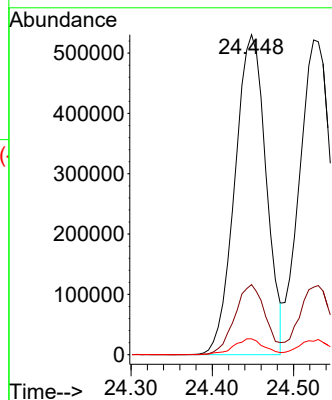
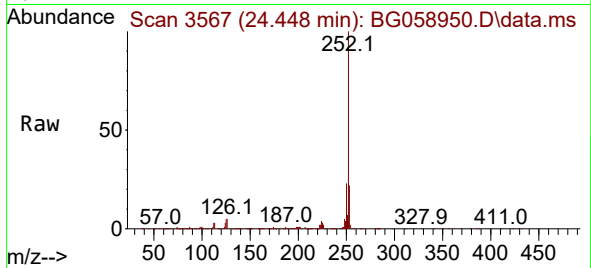




#90
Benzo(b)fluoranthene
Concen: 56.165 ng/ul
RT: 24.448 min Scan# 3567
Delta R.T. -0.009 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

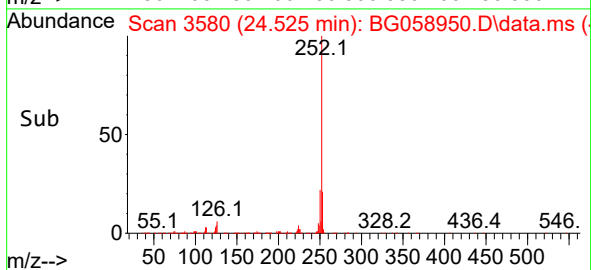
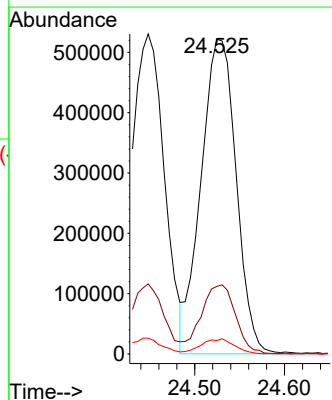
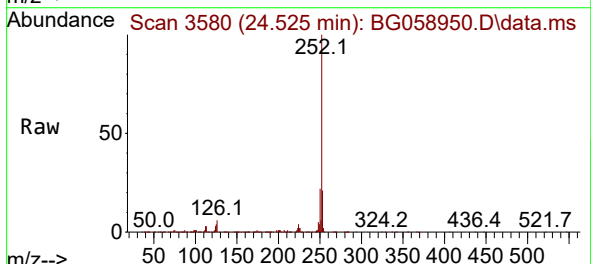
Instrument :
BNA_G
ClientSampleId :
SLCS303

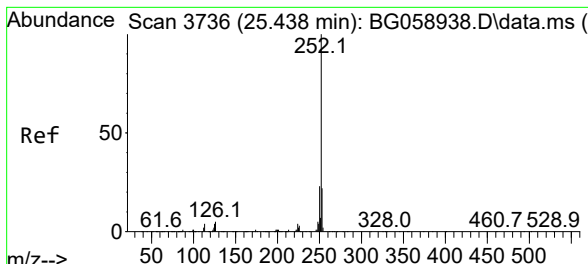
Tgt Ion:252 Resp: 1417676
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 4.9 3.9 5.9



#91
Benzo(k)fluoranthene
Concen: 55.869 ng/ul
RT: 24.525 min Scan# 3580
Delta R.T. -0.015 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:252 Resp: 1418943
Ion Ratio Lower Upper
252 100
253 21.5 16.6 25.0
125 4.3 3.7 5.5



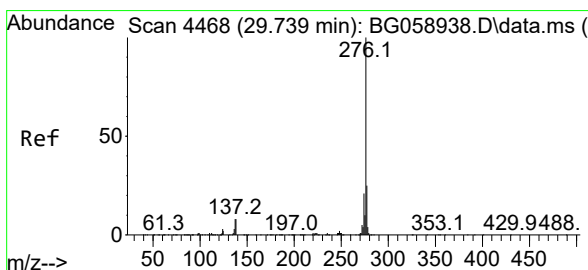
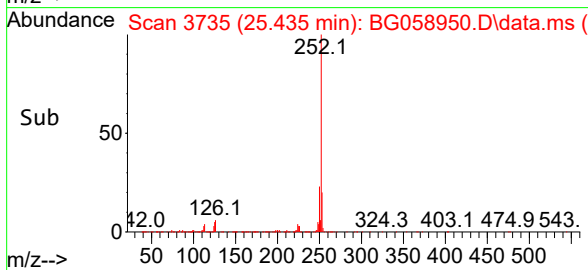
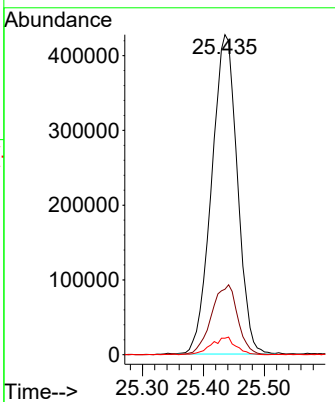
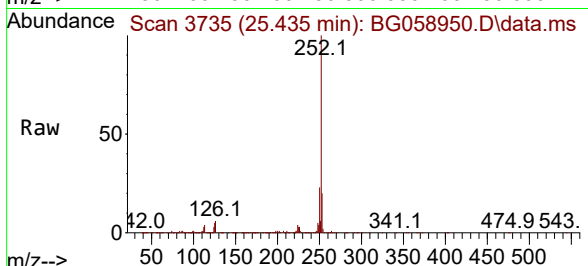


#93
 Benzo(a)pyrene
 Concen: 53.012 ng/ul
 RT: 25.435 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

Instrument : BNA_G
 ClientSampleId : SLCS303

Tgt Ion:252 Resp: 1252010

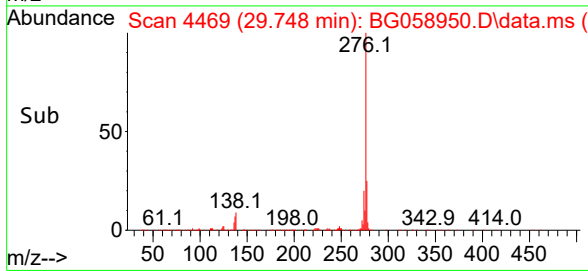
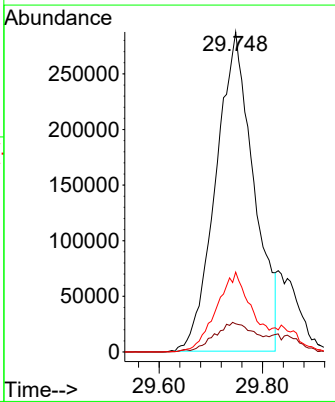
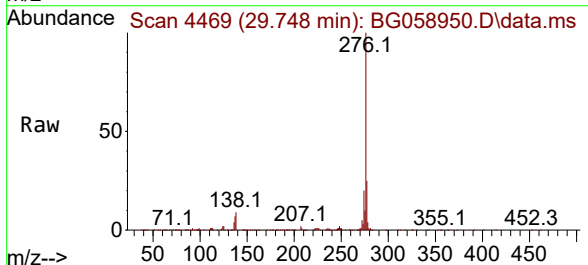
Ion	Ratio	Lower	Upper
252	100		
253	20.5	16.4	24.6
125	5.1	4.3	6.5

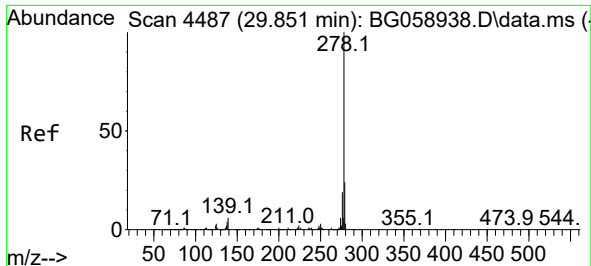


#94
 Indeno(1,2,3-cd)pyrene
 Concen: 49.725 ng/ul
 RT: 29.748 min Scan# 4469
 Delta R.T. -0.021 min
 Lab File: BG058950.D
 Acq: 9 Sep 2023 14:13

Tgt Ion:276 Resp: 1464109

Ion	Ratio	Lower	Upper
276	100		
138	8.8	6.2	9.2
277	25.0	17.8	26.6



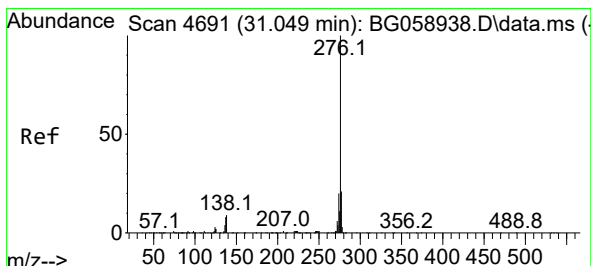
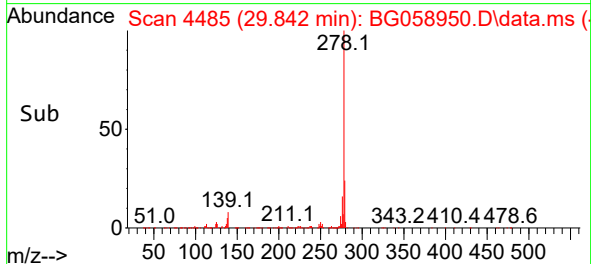
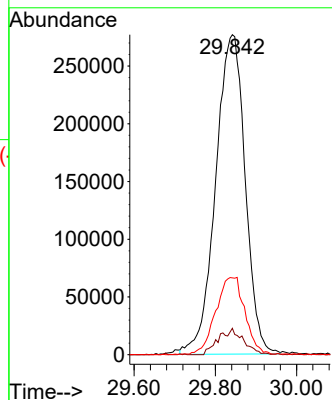
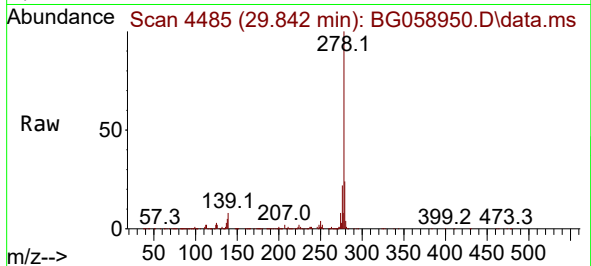


#95
Dibenzo(a,h)anthracene
Concen: 58.316 ng/ul
RT: 29.842 min Scan# 4485
Delta R.T. -0.015 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Instrument :
BNA_G
ClientSampleId :
SLCS303

Tgt Ion:278 Resp: 1396283

Ion	Ratio	Lower	Upper
278	100		
139	8.3	5.5	8.3
279	24.0	19.5	29.3



#96
Benzo(g,h,i)perylene
Concen: 58.372 ng/ul
RT: 31.058 min Scan# 4692
Delta R.T. -0.015 min
Lab File: BG058950.D
Acq: 9 Sep 2023 14:13

Tgt Ion:276 Resp: 1364586

Ion	Ratio	Lower	Upper
276	100		
138	10.8	8.7	13.1
277	24.1	19.7	29.5

