

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
 Data File : BG058181.D
 Acq On : 12 Jul 2023 11:00
 Operator : CG/JU
 Sample : PB153937BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS937

Quant Time: Jul 12 22:05:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 16:52:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.972	152	40081	20.000	ng/u1	0.00
20) Naphthalene-d8	10.775	136	189887	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.600	164	133072	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.343	188	309999	20.000	ng/u1	0.00
79) Chrysene-d12	21.597	240	267183	20.000	ng/u1	0.00
88) Perylene-d12	24.788	264	310286	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.401	96	7729	6.752	ng/uL	0.00
4) Pyridine-d5	3.812	84	117193	33.725	ng/u1	0.00
7) Phenol-d5	7.132	99	158981	38.840	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.296	67	91271	37.001	ng/u1	0.00
11) 2-Chlorophenol-d4	7.502	132	107164	37.959	ng/u1	0.00
15) 4-Methylphenol-d8	8.677	113	116833	37.827	ng/u1	0.00
21) Nitrobenzene-d5	9.135	128	56582	36.560	ng/u1	0.00
24) 2-Nitrophenol-d4	9.852	143	64369	39.573	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.399	165	119450	38.281	ng/u1	0.00
31) 4-Chloroaniline-d4	10.910	131	157769	33.349	ng/u1	0.00
46) Dimethylphthalate-d6	14.000	166	366011	34.860	ng/u1	0.00
49) Acenaphthylene-d8	14.294	160	423949	37.002	ng/u1	0.00
54) 4-Nitrophenol-d4	14.799	143	64140	34.576	ng/u1	0.00
60) Fluorene-d10	15.587	176	329341	36.935	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	61987	36.825	ng/u1	0.00
73) Anthracene-d10	17.443	188	509410	35.413	ng/u1	0.00
81) Pyrene-d10	19.723	212	607583	36.107	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.570	264	641706	40.593	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.436	88	16893	11.947	ng/uL	95
5) Pyridine	3.830	79	110882	31.143	ng/u1	98
6) Benzaldehyde	7.108	77	74001	54.134	ng/u1	98
8) Phenol	7.161	94	151867	36.561	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.390	93	111056	34.627	ng/u1	96
12) 2-Chlorophenol	7.537	128	104860	35.694	ng/u1	98
13) 2-Methylphenol	8.413	108	115611	35.440	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.489	45	171483	34.735	ng/u1	98
16) Acetophenone	8.795	105	183063	35.724	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.777	70	93583	34.162	ng/u1	99
18) 4-Methylphenol	8.742	108	127556	36.161	ng/u1	98
19) Hexachloroethane	9.053	117	40060	35.570	ng/u1	98
22) Nitrobenzene	9.177	77	137670	34.266	ng/u1	95
23) Isophorone	9.694	82	281028	32.781	ng/u1	98
25) 2-Nitrophenol	9.887	139	63777	36.541	ng/u1	97
26) 2,4-Dimethylphenol	9.940	107	114780	29.245	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.175	93	161402	33.410	ng/u1	99
29) 2,4-Dichlorophenol	10.422	162	107937	35.578	ng/u1	97
30) Naphthalene	10.828	128	367825	34.469	ng/u1	99
32) 4-Chloroaniline	10.933	127	124309	25.698	ng/u1	97
33) Hexachlorobutadiene	11.104	225	73666	34.298	ng/u1	98
34) Caprolactam	11.691	113	32198	26.398	ng/u1	94
35) 4-Chloro-3-methylphenol	12.055	107	136873	36.727	ng/u1	99
36) 2-Methylnaphthalene	12.432	142	245964	34.193	ng/u1	94

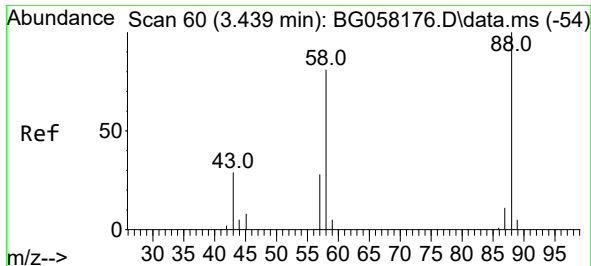
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.649	142	248805	34.491	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.796	216	144503	35.633	ng/ul	99
40) Hexachlorocyclopentadiene	12.772	237	43662	17.093	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.037	196	94820	34.499	ng/ul	96
42) 2,4,5-Trichlorophenol	13.107	196	104798	35.256	ng/ul	99
43) 1,1'-Biphenyl	13.436	154	332506	34.673	ng/ul	99
44) 2-Chloronaphthalene	13.477	162	268910	34.939	ng/ul	99
45) 2-Nitroaniline	13.683	65	95896	35.837	ng/ul	96
47) Dimethylphthalate	14.047	163	347696	32.961	ng/ul	99
48) 2,6-Dinitrotoluene	14.177	165	76851	35.493	ng/ul	99
50) Acenaphthylene	14.323	152	429937	34.749	ng/ul	97
51) 3-Nitroaniline	14.506	138	75888	41.473	ng/ul	99
52) Acenaphthene	14.664	153	293903	34.617	ng/ul	98
53) 2,4-Dinitrophenol	14.711	184	35682	31.610	ng/ul	92
55) 4-Nitrophenol	14.811	109	45822	33.344	ng/ul	86
56) Dibenzofuran	14.999	168	418986	34.717	ng/ul	99
57) 2,4-Dinitrotoluene	14.958	165	107813	35.144	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.222	232	84258	31.138	ng/ul	98
59) Diethylphthalate	15.410	149	359303	32.635	ng/ul	99
61) Fluorene	15.645	166	339153	34.249	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.634	204	179855	34.326	ng/ul	99
63) 4-Nitroaniline	15.669	138	73378	44.765	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.722	198	60587	35.196	ng/ul	98
67) N-Nitrosodiphenylamine	15.851	169	289899	35.139	ng/ul	100
68) 4-Bromophenyl-phenylether	16.527	248	123643	36.336	ng/ul	97
69) Hexachlorobenzene	16.650	284	135454	35.554	ng/ul	98
70) Atrazine	16.791	200	58919	17.464	ng/ul	97
71) Pentachlorophenol	16.991	266	63433	27.734	ng/ul	98
72) Phenanthrene	17.385	178	550254	34.895	ng/ul	100
74) Anthracene	17.473	178	539765	33.826	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.401	216	151814	36.926	ng/uL	100
76) Pentachlorobenzene	14.917	250	363744	82.841	ng/uL	99
77) Carbazole	17.743	167	503237	34.870	ng/ul	98
78) Di-n-butylphthalate	18.295	149	623377	33.909	ng/ul	99
80) Fluoranthene	19.394	202	651044	33.389	ng/ul	98
82) Pyrene	19.758	202	658348	33.542	ng/ul	99
83) Butylbenzylphthalate	20.634	149	282076	35.441	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.497	252	261972	40.501	ng/ul	100
85) Benzo(a)anthracene	21.580	228	668807	34.863	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	397734	34.872	ng/ul	98
87) Chrysene	21.644	228	631643	35.123	ng/ul	98
89) Di-n-octyl phthalate	22.672	149	710736	37.280	ng/ul	100
90) Benzo(b)fluoranthene	23.777	252	691225	35.979	ng/ul	99
91) Benzo(k)fluoranthene	23.842	252	698643	37.100	ng/ul	99
93) Benzo(a)pyrene	24.641	252	628545	36.963	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.430	276	304531	13.486	ng/ul	99
95) Dibenzo(a,h)anthracene	28.489	278	660234	35.458	ng/ul	99
96) Benzo(g,h,i)perylene	29.570	276	268961	14.583	ng/ul	99

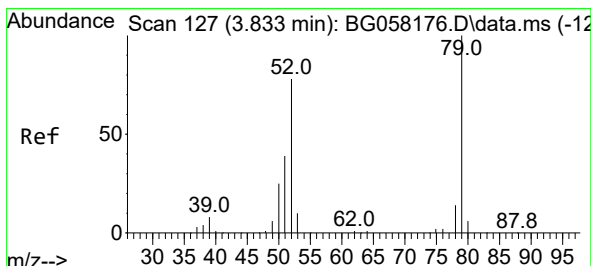
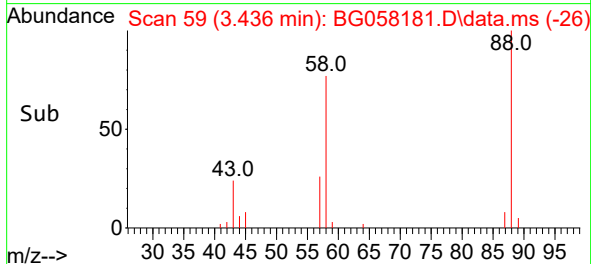
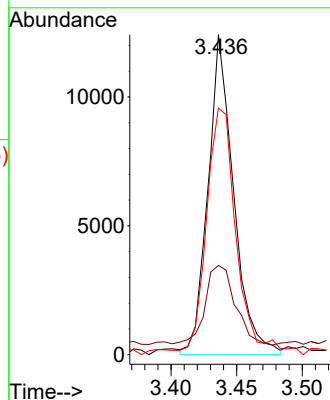
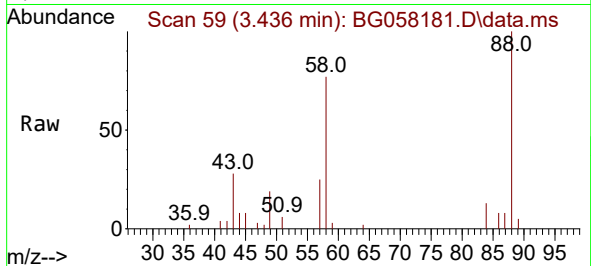
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#2
1,4-Dioxane
Concen: 11.947 ng/uL
RT: 3.436 min Scan# 50
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

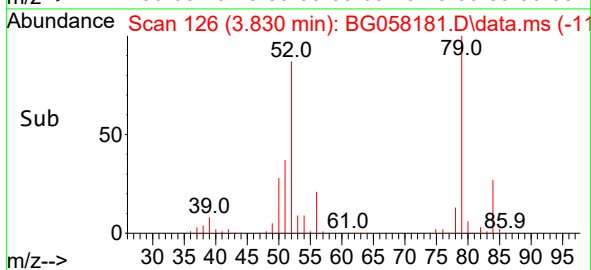
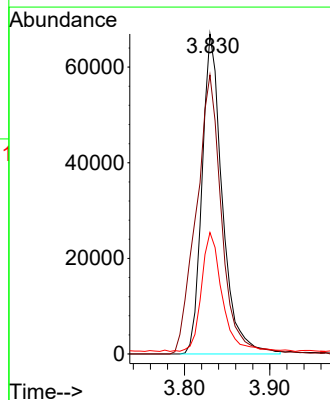
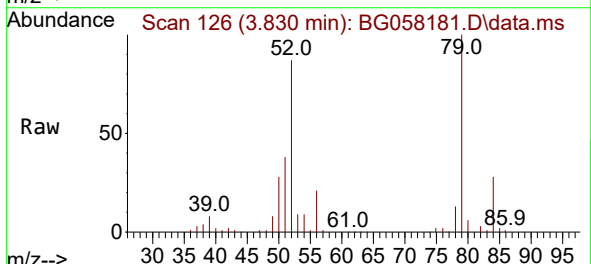
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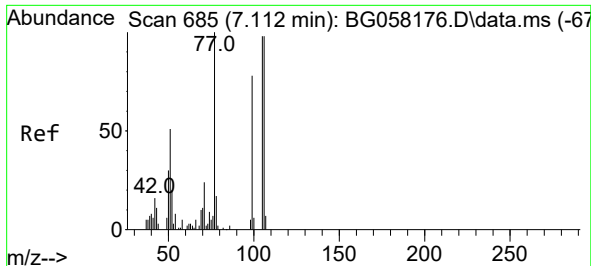
Tgt Ion:	88	Resp:	16893
Ion	Ratio	Lower	Upper
88	100		
43	27.9	20.6	30.8
58	77.1	65.5	98.3



#5
Pyridine
Concen: 31.143 ng/uL
RT: 3.830 min Scan# 126
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:	79	Resp:	110882
Ion	Ratio	Lower	Upper
79	100		
52	87.2	68.6	102.8
51	38.0	29.4	44.0

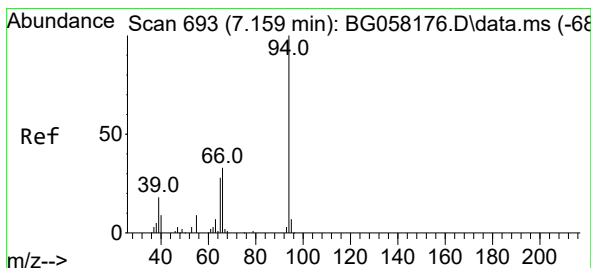
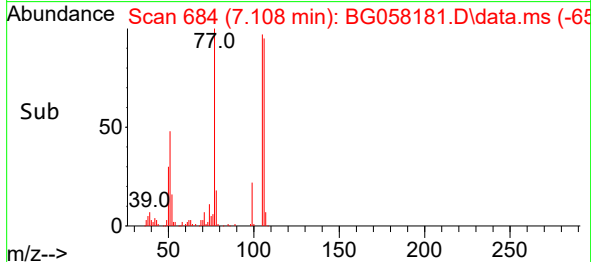
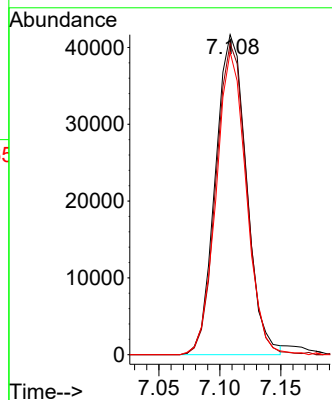
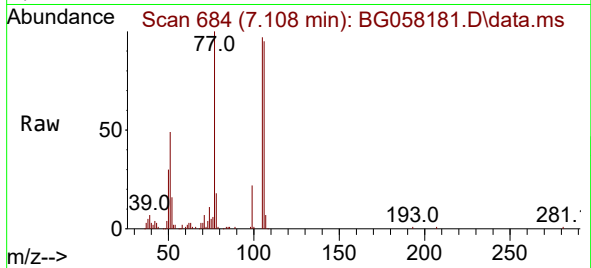




#6
Benzaldehyde
Concen: 54.134 ng/ul
RT: 7.108 min Scan# 685
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

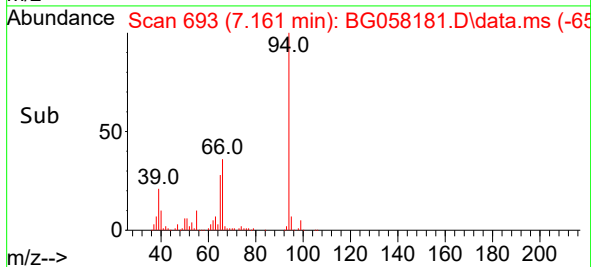
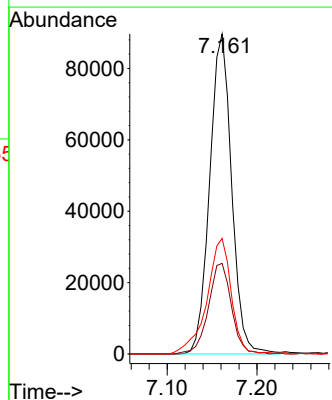
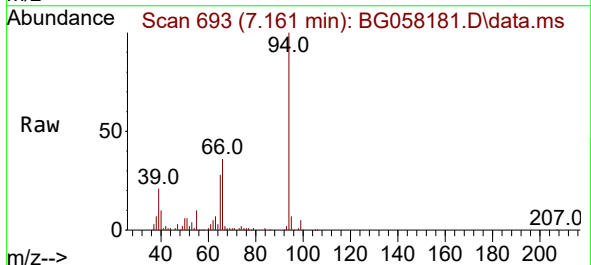
Instrument :
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ClientSampleId :
SLCS937

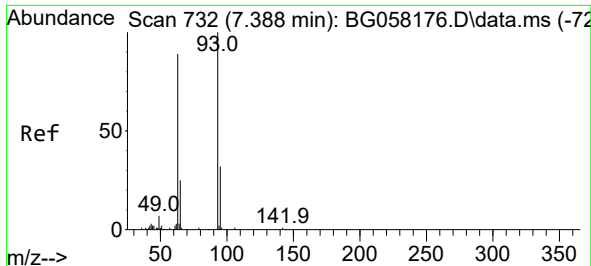
Tgt Ion: 77 Resp: 74001
Ion Ratio Lower Upper
77 100
105 97.2 74.7 112.1
106 94.5 75.9 113.9



#8
Phenol
Concen: 36.561 ng/ul
RT: 7.161 min Scan# 693
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion: 94 Resp: 151867
Ion Ratio Lower Upper
94 100
65 28.3 22.2 33.4
66 36.1 28.6 43.0



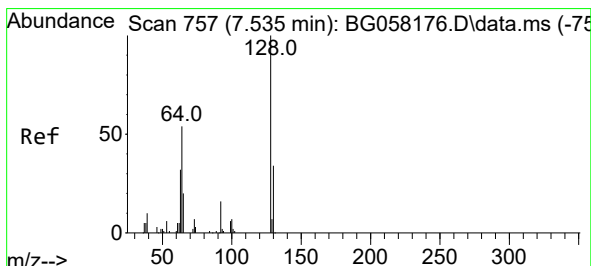
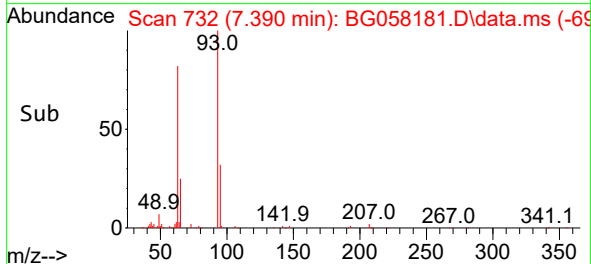
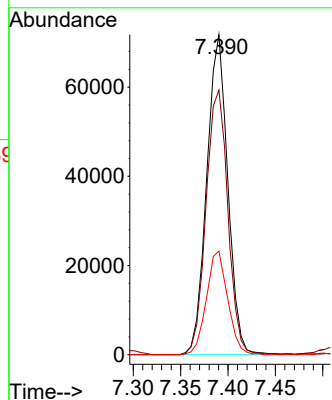
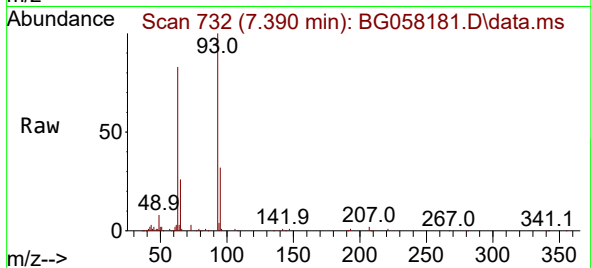


#10
Bis(2-Chloroethyl)ether
Concen: 34.627 ng/ul
RT: 7.390 min Scan# 710
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Instrument :
BNA_G
ClientSampleId :
SLCS937

Tgt Ion: 93 Resp: 111056

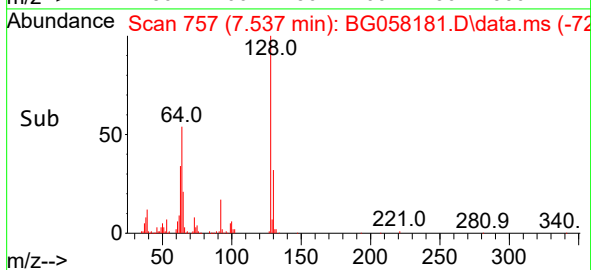
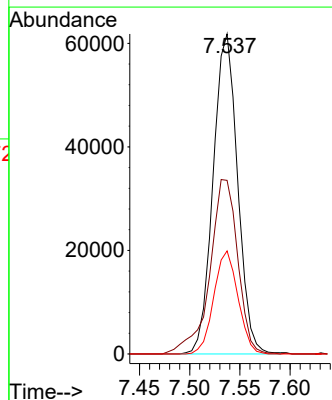
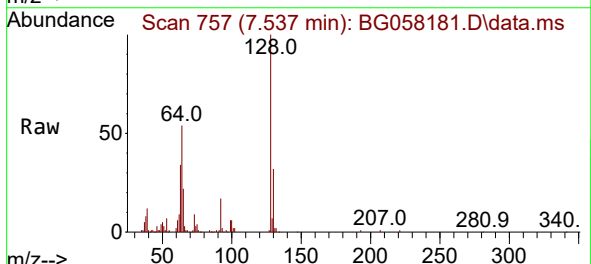
Ion	Ratio	Lower	Upper
93	100		
63	82.6	69.4	104.0
95	32.4	27.0	40.6

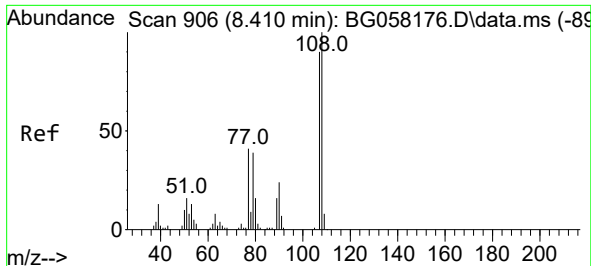


#12
2-Chlorophenol
Concen: 35.694 ng/ul
RT: 7.537 min Scan# 757
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:128 Resp: 104860

Ion	Ratio	Lower	Upper
128	100		
64	54.2	44.3	66.5
130	32.2	27.3	40.9

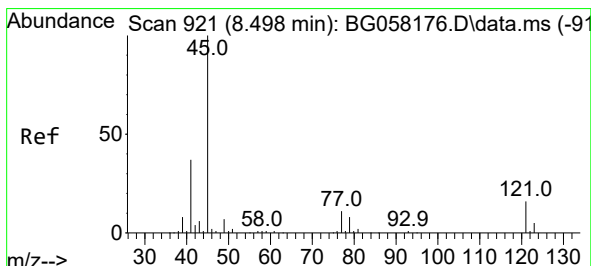
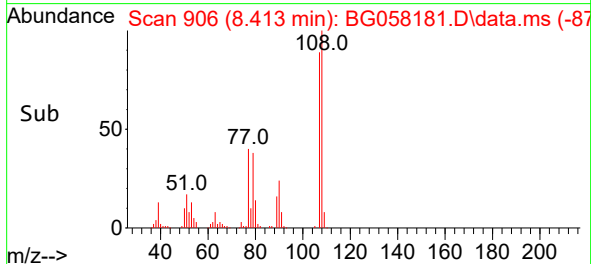
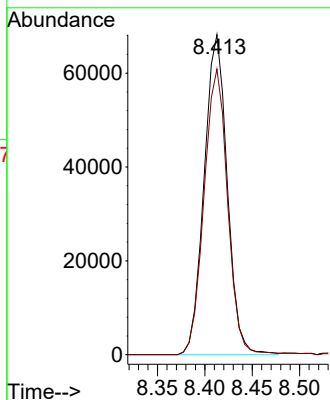
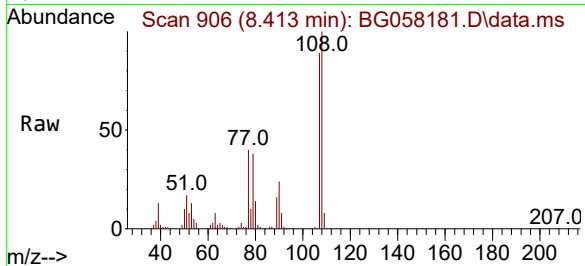




#13
2-Methylphenol
Concen: 35.440 ng/ul
RT: 8.413 min Scan# 906
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

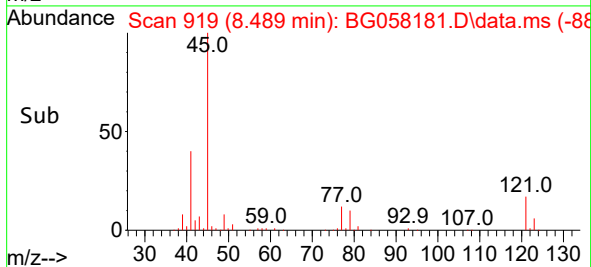
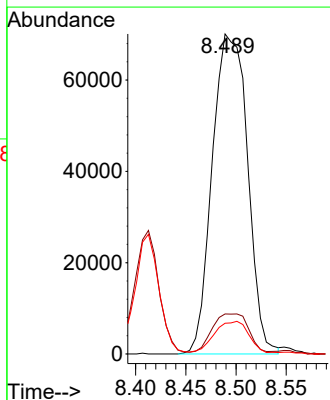
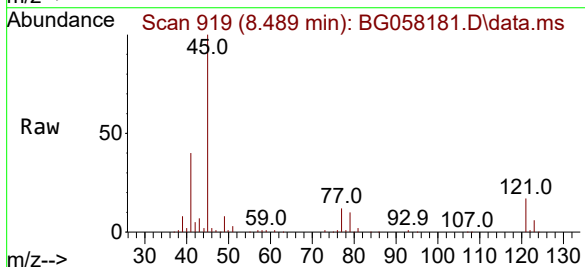
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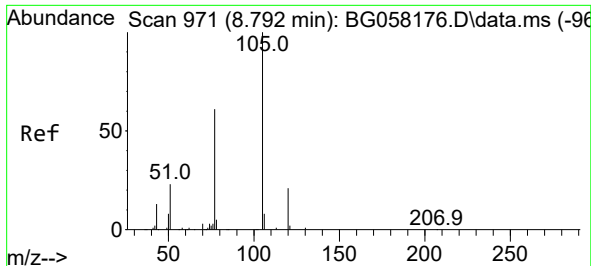
Tgt Ion:108 Resp: 115611
Ion Ratio Lower Upper
108 100
107 89.2 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 34.735 ng/ul
RT: 8.489 min Scan# 919
Delta R.T. -0.009 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion: 45 Resp: 171483
Ion Ratio Lower Upper
45 100
77 12.5 9.4 14.2
79 9.6 8.3 12.5

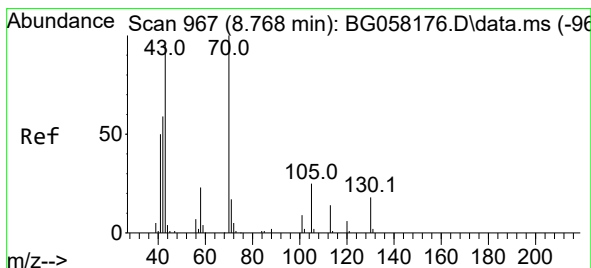
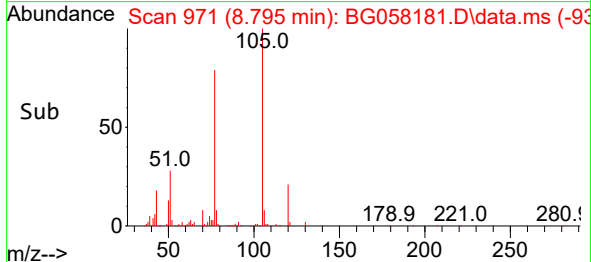
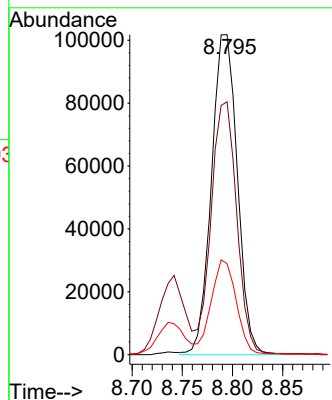
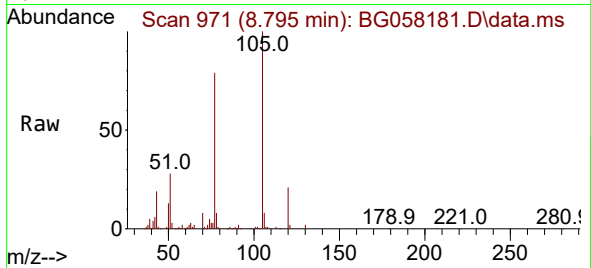




#16
Acetophenone
Concen: 35.724 ng/ul
RT: 8.795 min Scan# 91
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

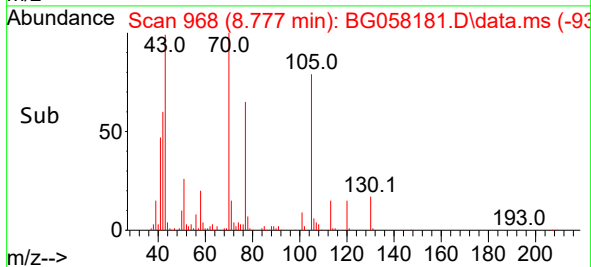
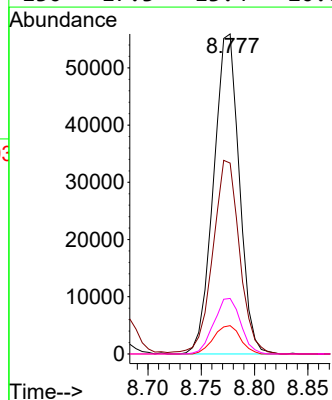
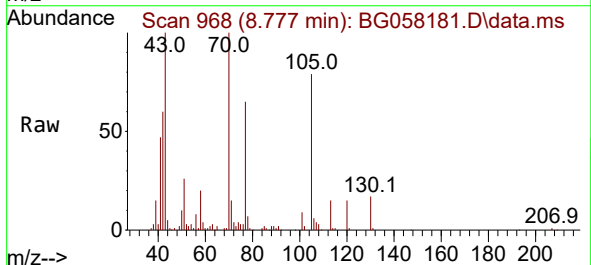
Instrument :
BNA_G
ClientSampleId :
SLCS937

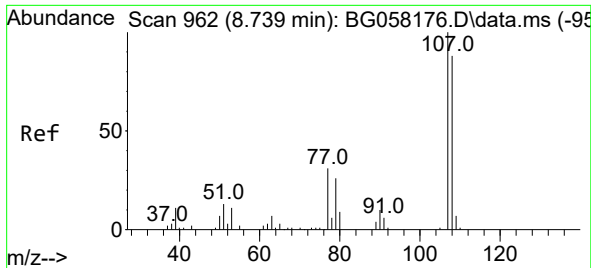
Tgt Ion:105 Resp: 183063
Ion Ratio Lower Upper
105 100
77 79.0 61.2 91.8
51 28.4 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 34.162 ng/ul
RT: 8.777 min Scan# 968
Delta R.T. 0.008 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion: 70 Resp: 93583
Ion Ratio Lower Upper
70 100
42 59.6 48.0 72.0
101 8.9 7.4 11.2
130 17.3 13.4 20.0

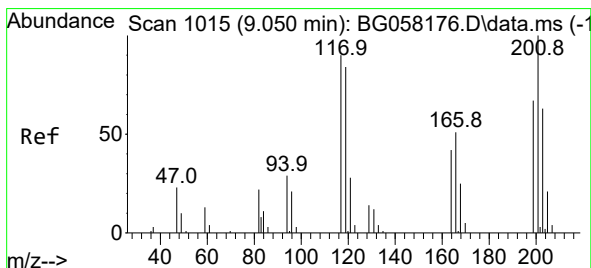
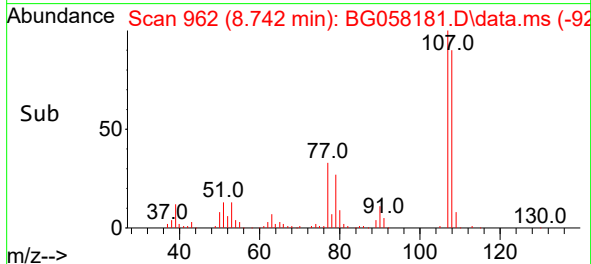
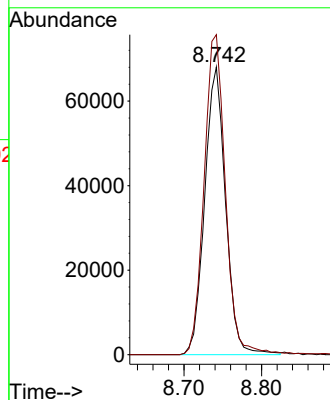
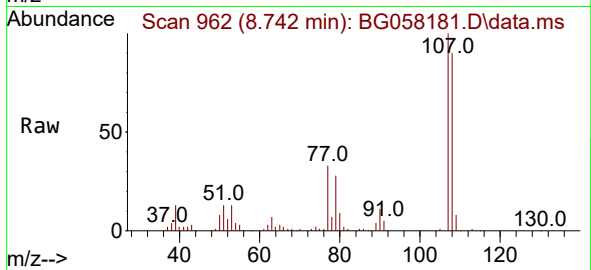




#18
4-Methylphenol
Concen: 36.161 ng/ul
RT: 8.742 min Scan# 962
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

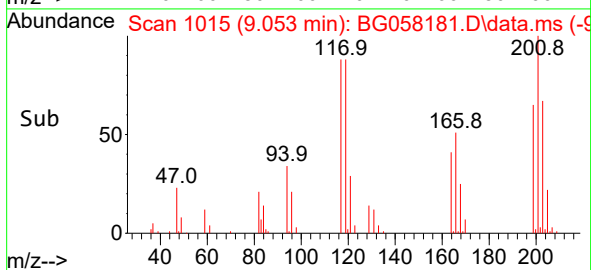
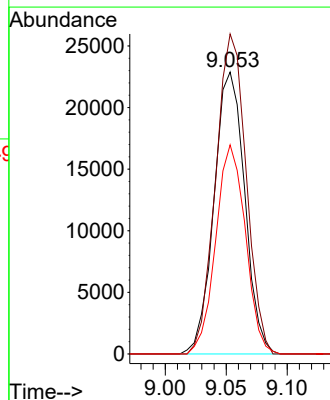
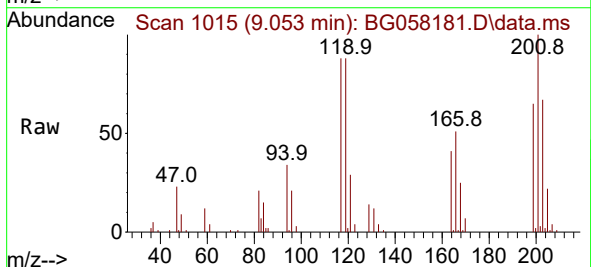
Instrument :
BNA_G
ClientSampleId :
SLCS937

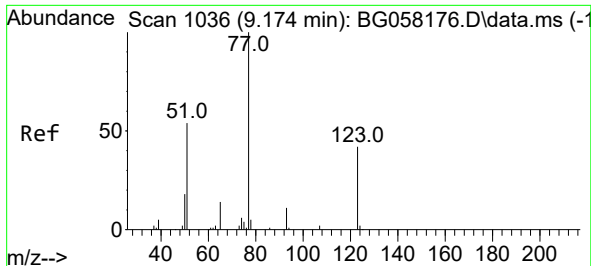
Tgt Ion:108 Resp: 127556
Ion Ratio Lower Upper
108 100
107 111.2 91.1 136.7



#19
Hexachloroethane
Concen: 35.570 ng/ul
RT: 9.053 min Scan# 1015
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:117 Resp: 40060
Ion Ratio Lower Upper
117 100
201 113.5 94.0 141.0
199 74.2 59.8 89.6

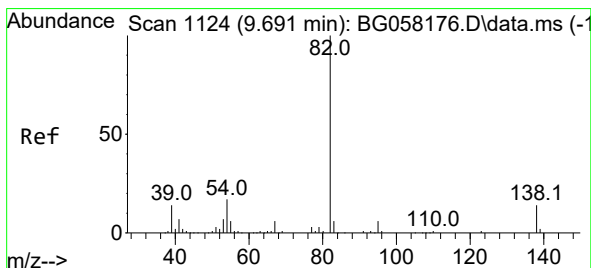
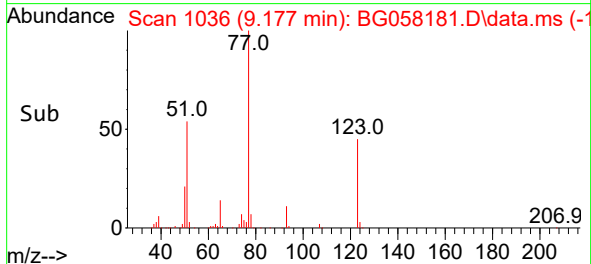
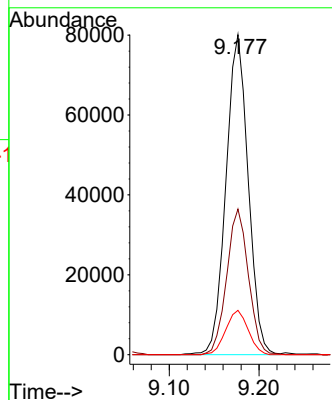
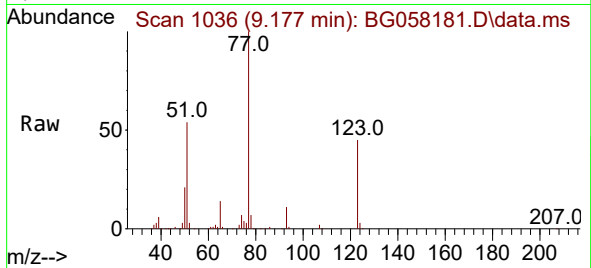




#22
Nitrobenzene
Concen: 34.266 ng/ul
RT: 9.177 min Scan# 1036
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

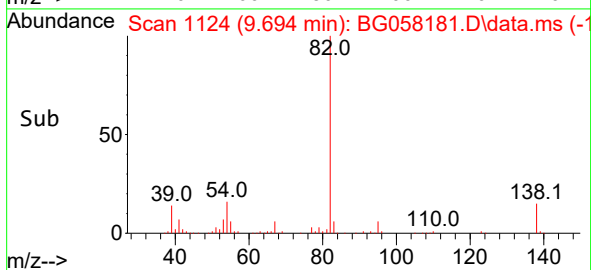
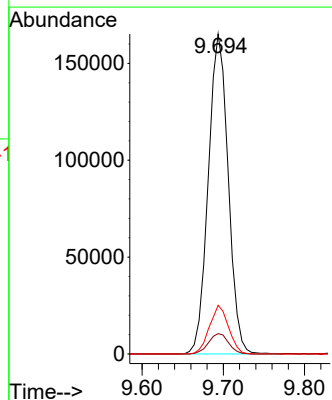
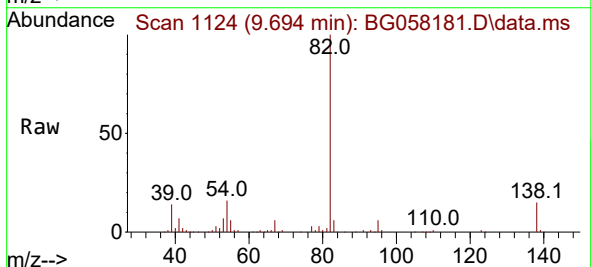
Instrument :
BNA_G
ClientSampleId :
SLCS937

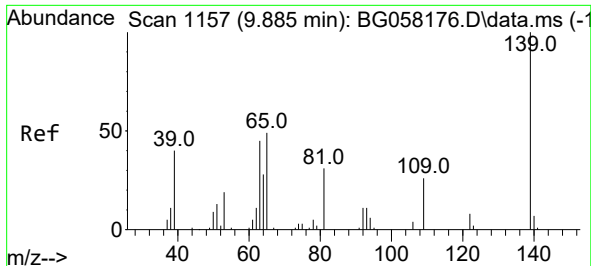
Tgt Ion: 77 Resp: 137670
Ion Ratio Lower Upper
77 100
123 45.5 33.3 49.9
65 13.9 10.4 15.6



#23
Isophorone
Concen: 32.781 ng/ul
RT: 9.694 min Scan# 1124
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion: 82 Resp: 281028
Ion Ratio Lower Upper
82 100
95 6.3 4.8 7.2
138 15.2 11.4 17.0

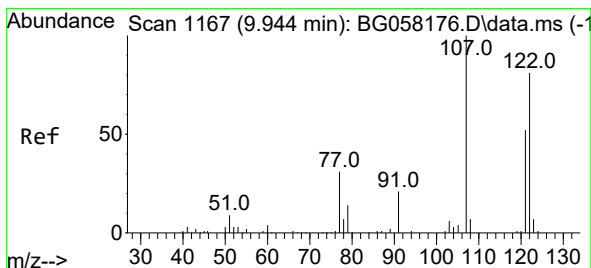
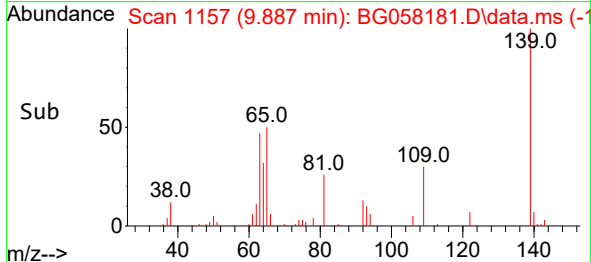
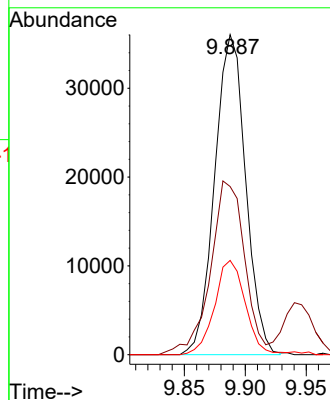
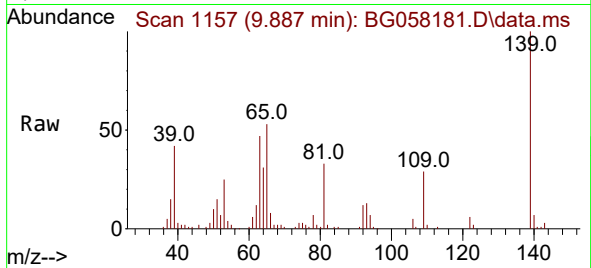




#25
2-Nitrophenol
Concen: 36.541 ng/ul
RT: 9.887 min Scan# 1157
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

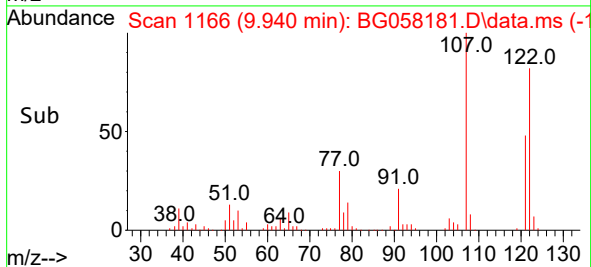
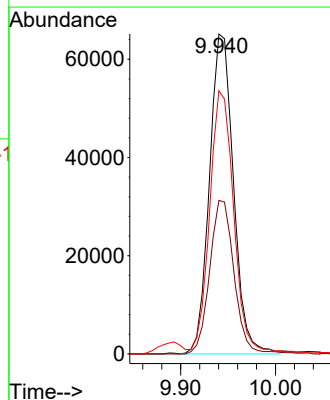
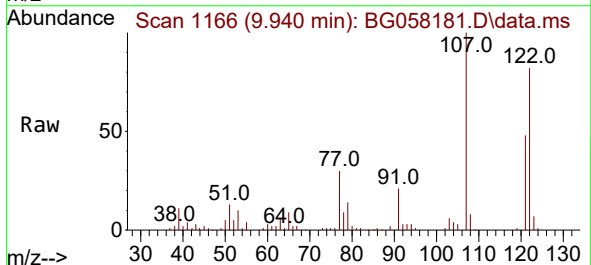
Instrument :
BNA_G
ClientSampleId :
SLCS937

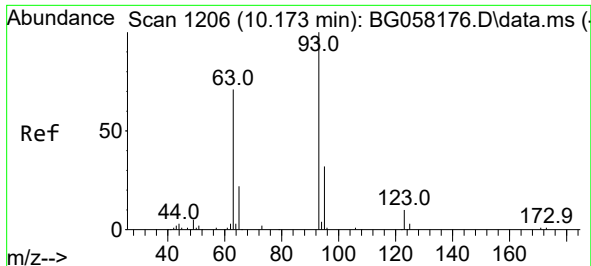
Tgt Ion:139 Resp: 63777
Ion Ratio Lower Upper
139 100
65 52.6 42.6 64.0
109 29.5 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 29.245 ng/ul
RT: 9.940 min Scan# 1166
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:107 Resp: 114780
Ion Ratio Lower Upper
107 100
121 48.0 40.6 60.8
122 82.3 67.1 100.7

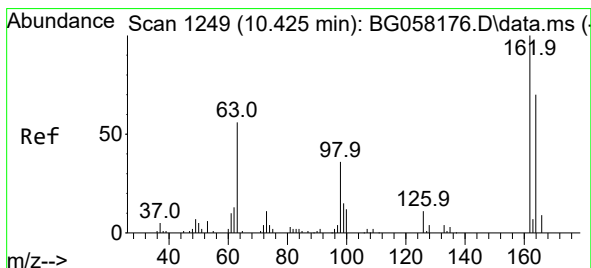
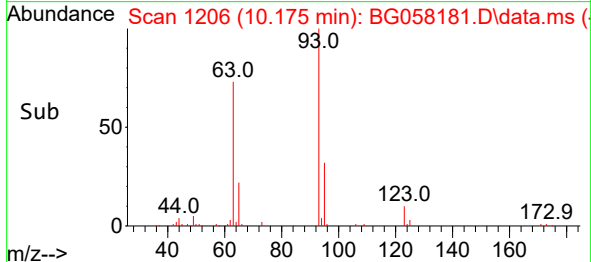
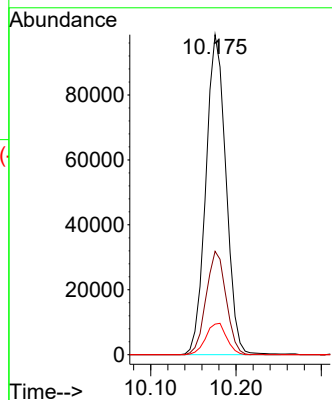
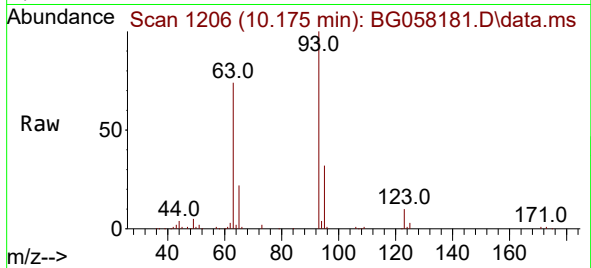




#27
 Bis(2-Chloroethoxy)methane
 Concen: 33.410 ng/ul
 RT: 10.175 min Scan# 1206
 Delta R.T. 0.002 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

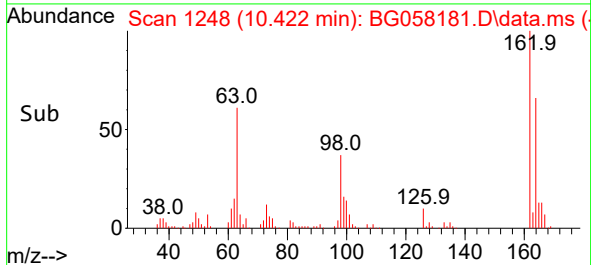
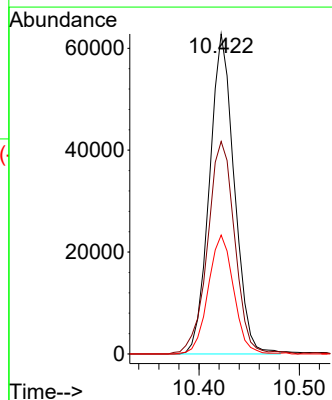
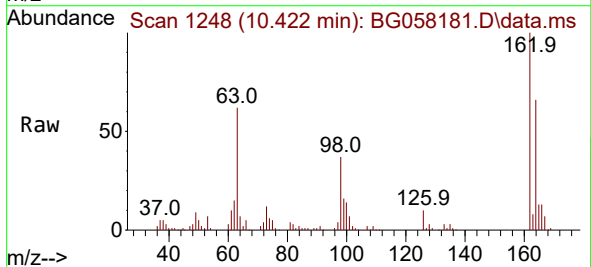
Instrument :
 BNA_G
 ClientSampleId :
 SLCS937

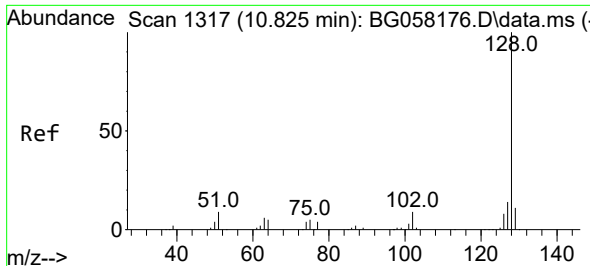
Tgt Ion: 93 Resp: 161402
 Ion Ratio Lower Upper
 93 100
 95 32.3 26.4 39.6
 123 9.6 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 35.578 ng/ul
 RT: 10.422 min Scan# 1248
 Delta R.T. -0.004 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

Tgt Ion:162 Resp: 107937
 Ion Ratio Lower Upper
 162 100
 164 66.4 51.1 76.7
 98 37.2 27.9 41.9

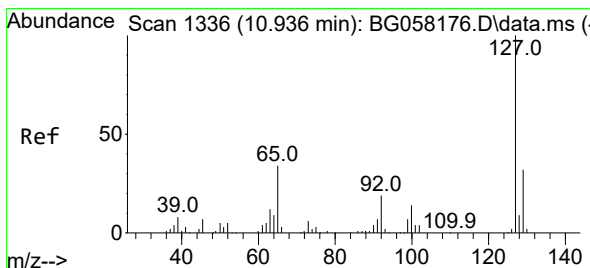
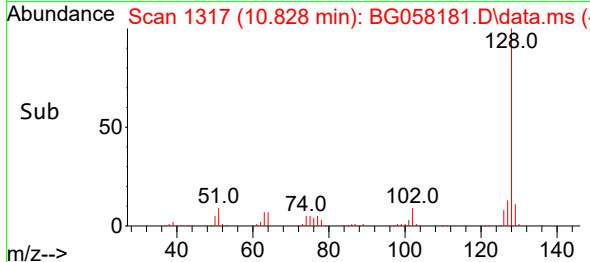
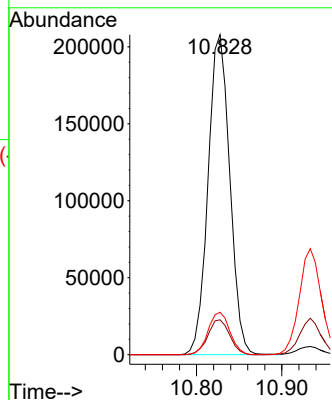
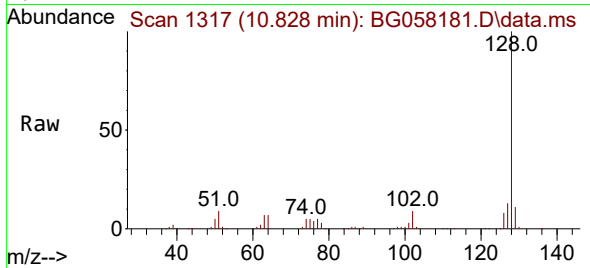




#30
Naphthalene
Concen: 34.469 ng/ul
RT: 10.828 min Scan# 1317
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

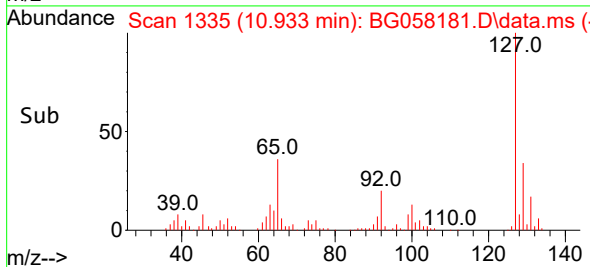
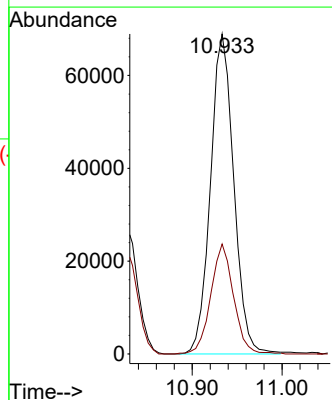
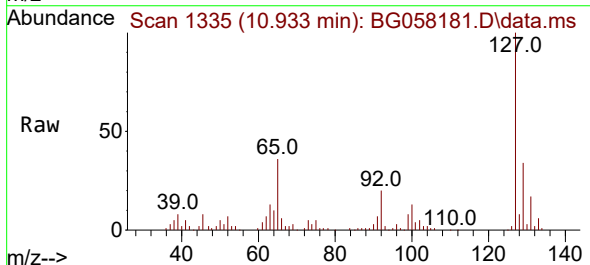
Instrument :
BNA_G
ClientSampleId :
SLCS937

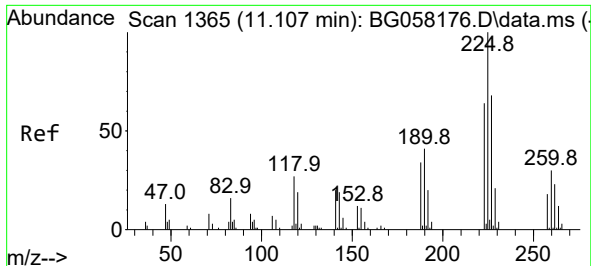
Tgt Ion:128 Resp: 367825
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.3 10.2 15.2



#32
4-Chloroaniline
Concen: 25.698 ng/ul
RT: 10.933 min Scan# 1335
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:127 Resp: 124309
Ion Ratio Lower Upper
127 100
129 34.4 26.0 39.0

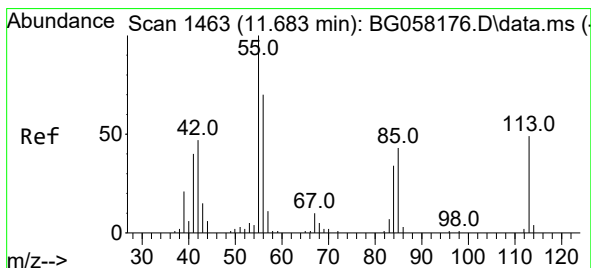
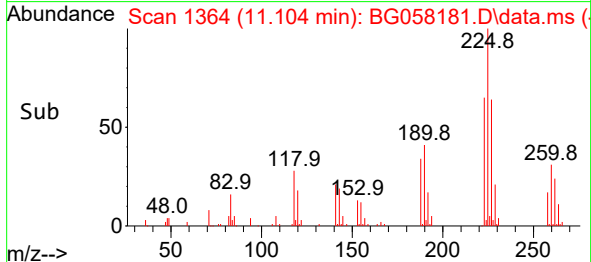
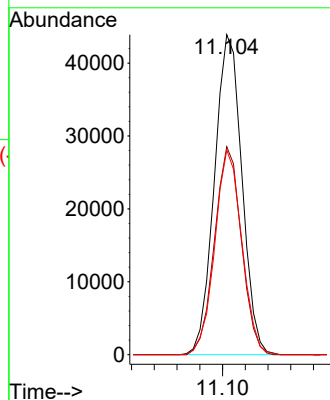
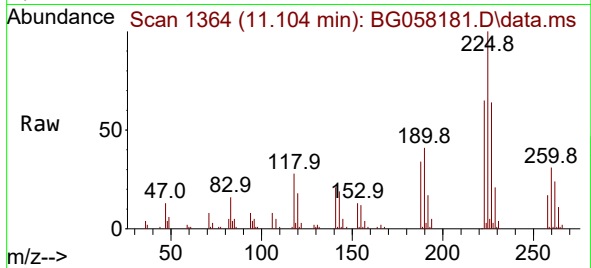




#33
Hexachlorobutadiene
Concen: 34.298 ng/ul
RT: 11.104 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

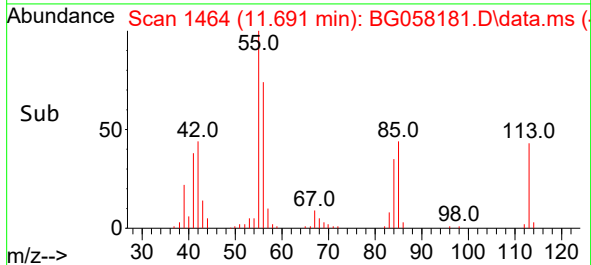
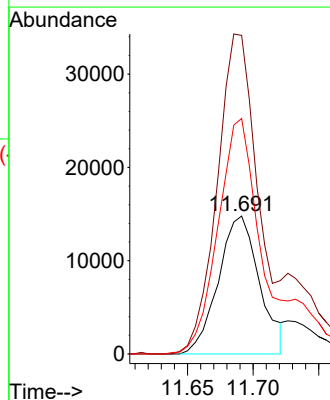
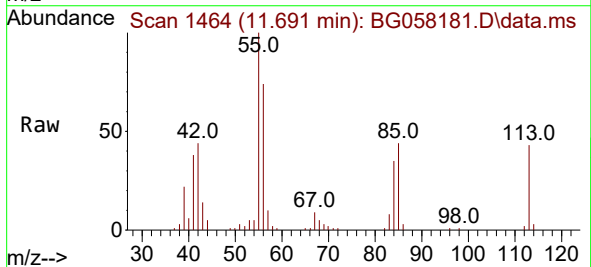
Instrument :
BNA_G
ClientSampleId :
SLCS937

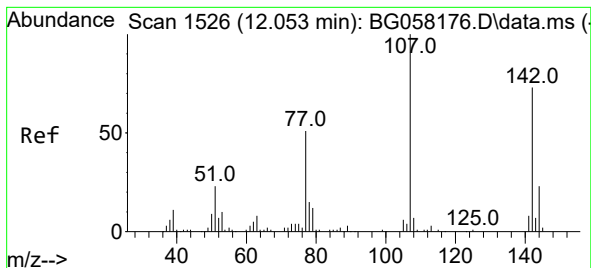
Tgt Ion:225 Resp: 73666
Ion Ratio Lower Upper
225 100
223 65.0 53.2 79.8
227 66.6 51.4 77.2



#34
Caprolactam
Concen: 26.398 ng/ul
RT: 11.691 min Scan# 1464
Delta R.T. 0.008 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:113 Resp: 32198
Ion Ratio Lower Upper
113 100
55 230.9 183.4 275.2
56 170.7 123.0 184.6

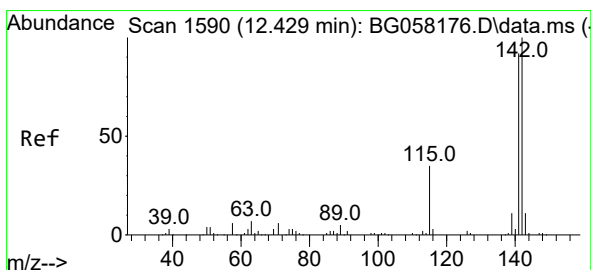
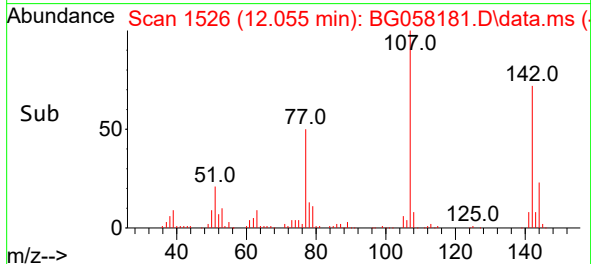
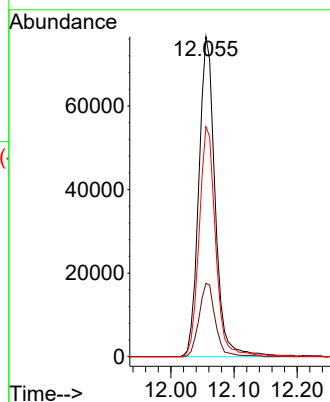
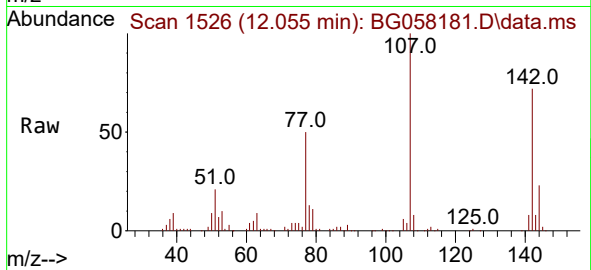




#35
 4-Chloro-3-methylphenol
 Concen: 36.727 ng/ul
 RT: 12.055 min Scan# 1526
 Delta R.T. 0.002 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

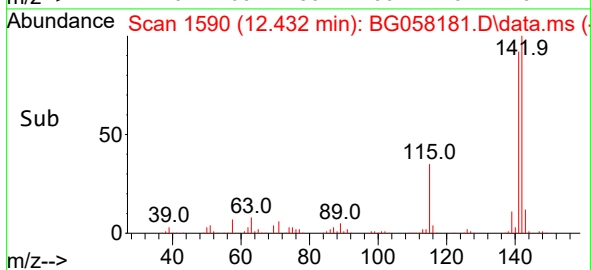
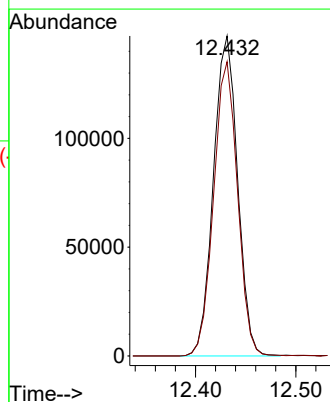
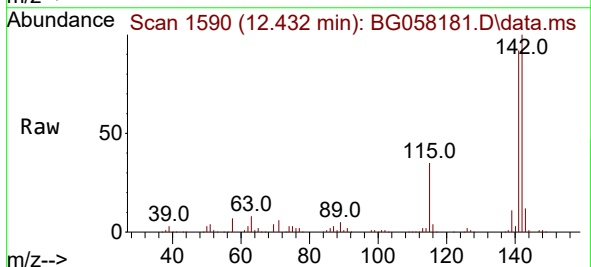
Instrument :
 BNA_G
 ClientSampleId :
 SLCS937

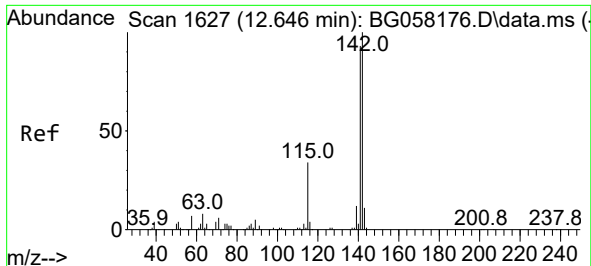
Tgt Ion:107 Resp: 136873
 Ion Ratio Lower Upper
 107 100
 144 22.9 19.0 28.4
 142 71.9 58.4 87.6



#36
 2-Methylnaphthalene
 Concen: 34.193 ng/ul
 RT: 12.432 min Scan# 1590
 Delta R.T. 0.002 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

Tgt Ion:142 Resp: 245964
 Ion Ratio Lower Upper
 142 100
 141 91.9 69.4 104.2





#37

1-Methylnaphthalene

Concen: 34.491 ng/ul

RT: 12.649 min Scan# 1

Delta R.T. -0.004 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

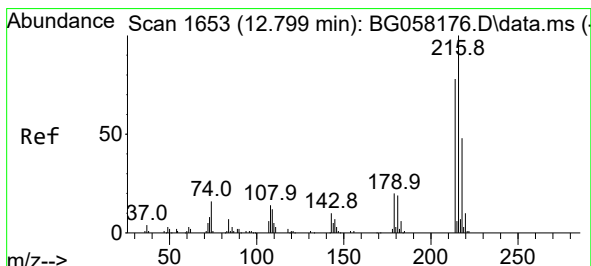
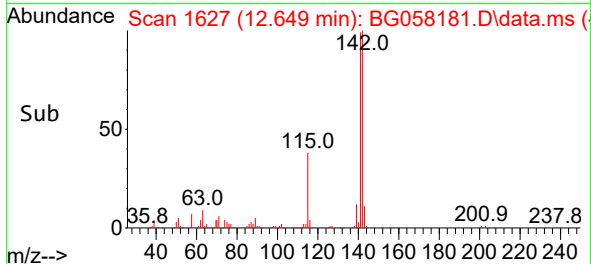
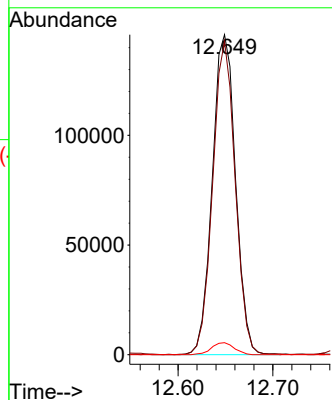
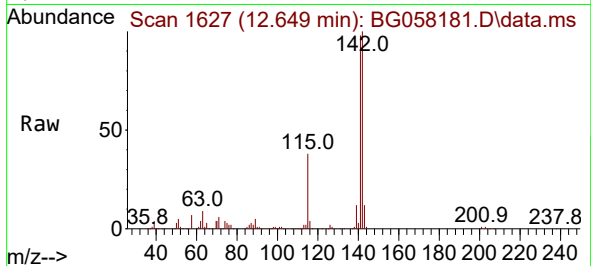
Tgt Ion:142 Resp: 248805

Ion Ratio Lower Upper

142 100

141 98.0 73.8 110.8

116 3.7 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 35.633 ng/ul

RT: 12.796 min Scan# 1652

Delta R.T. -0.004 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Tgt Ion:216 Resp: 144503

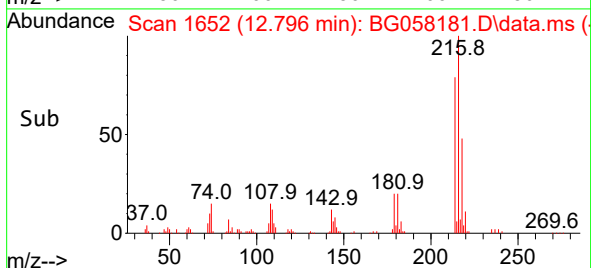
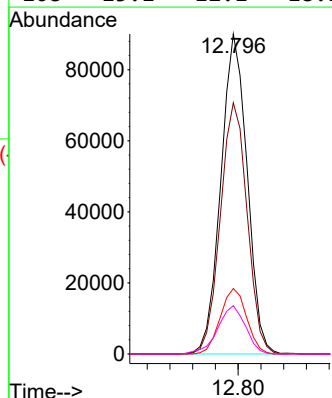
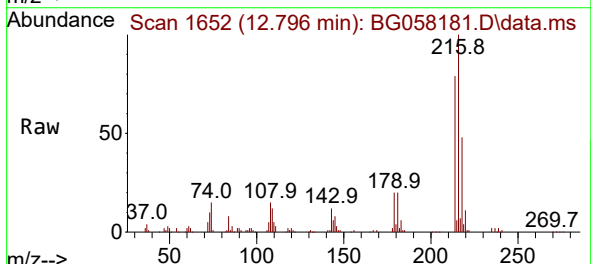
Ion Ratio Lower Upper

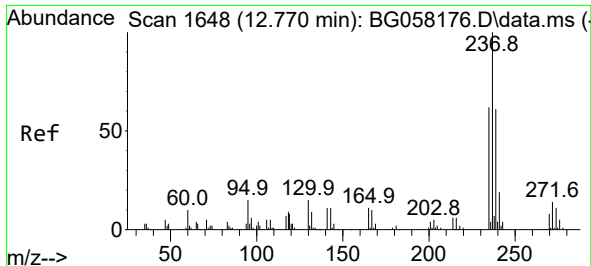
216 100

214 78.5 64.1 96.1

179 20.5 16.0 24.0

108 15.1 12.1 18.1

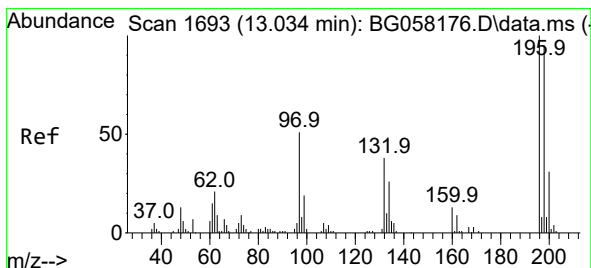
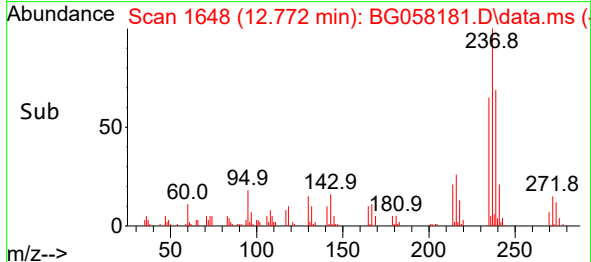
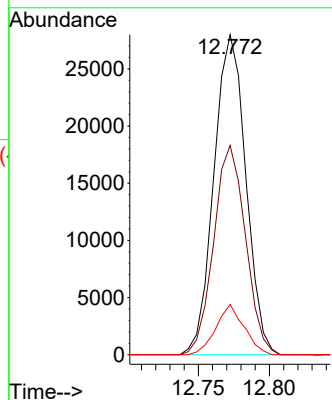
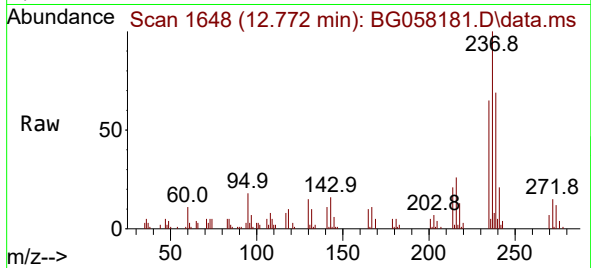




#40
Hexachlorocyclopentadiene
Concen: 17.093 ng/ul
RT: 12.772 min Scan# 1648
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

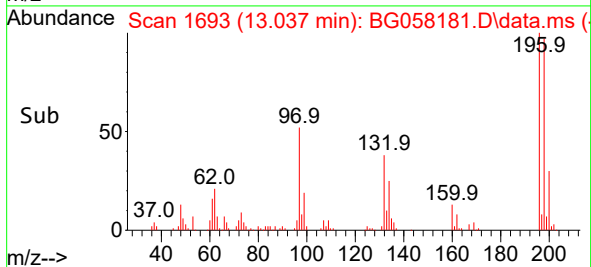
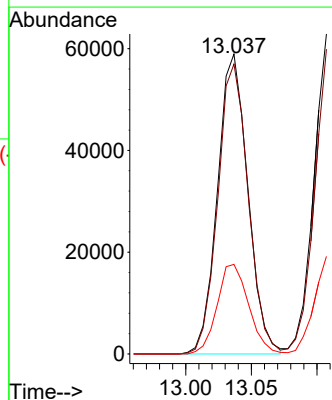
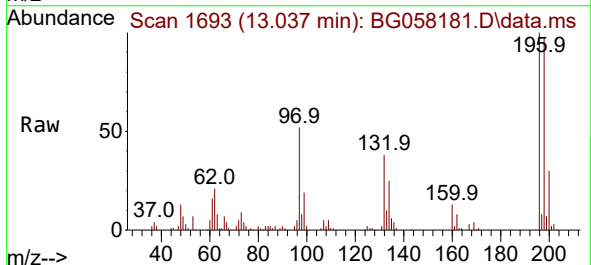
Instrument :
BNA_G
ClientSampleId :
SLCS937

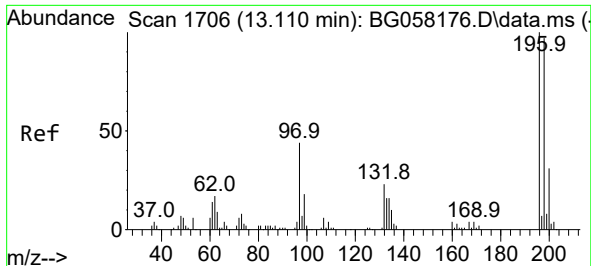
Tgt Ion:237 Resp: 43662
Ion Ratio Lower Upper
237 100
235 65.4 49.2 73.8
272 15.7 10.4 15.6#



#41
2,4,6-Trichlorophenol
Concen: 34.499 ng/ul
RT: 13.037 min Scan# 1693
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:196 Resp: 94820
Ion Ratio Lower Upper
196 100
198 96.7 73.5 110.3
200 29.9 24.8 37.2

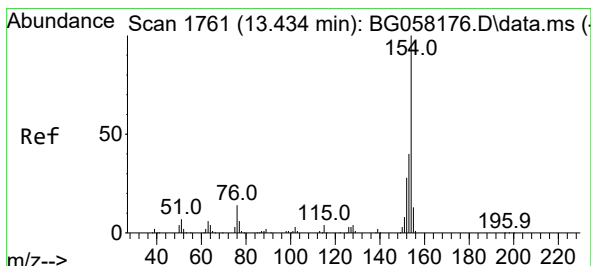
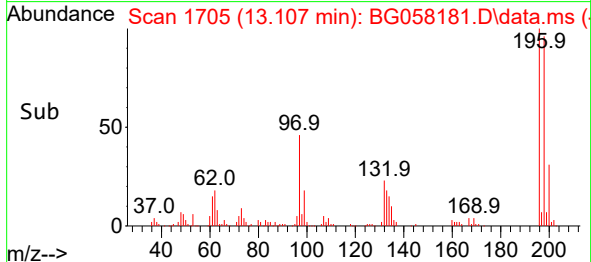
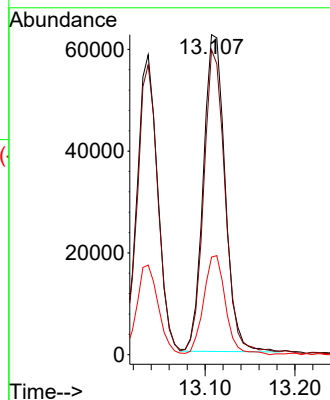
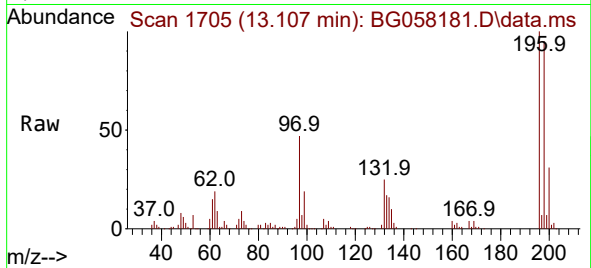




#42
2,4,5-Trichlorophenol
Concen: 35.256 ng/ul
RT: 13.107 min Scan# 1706
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

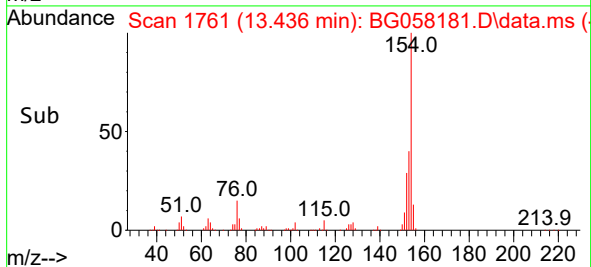
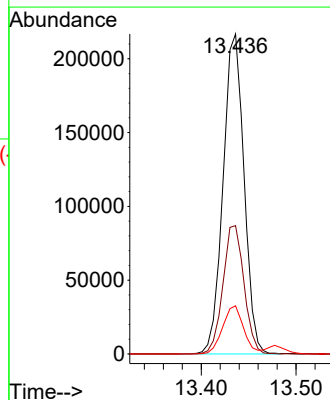
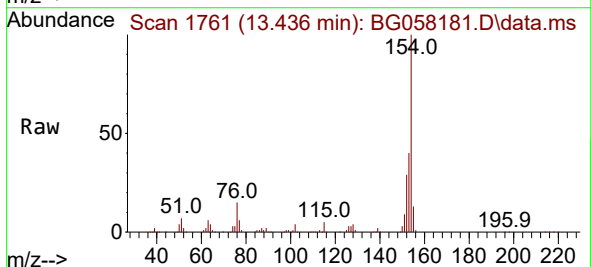
Instrument :
BNA_G
ClientSampleId :
SLCS937

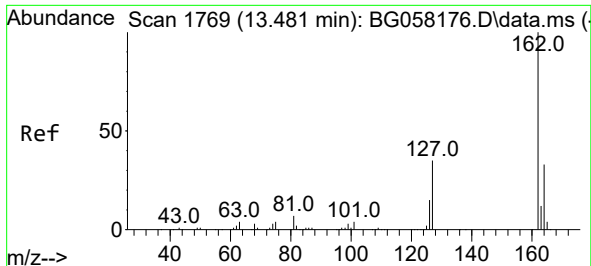
Tgt Ion:196 Resp: 104798
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
200 30.5 23.8 35.6



#43
1,1'-Biphenyl
Concen: 34.673 ng/ul
RT: 13.436 min Scan# 1761
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:154 Resp: 332506
Ion Ratio Lower Upper
154 100
153 40.1 32.6 49.0
76 15.0 11.6 17.4

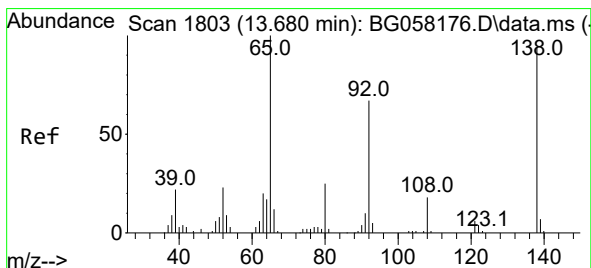
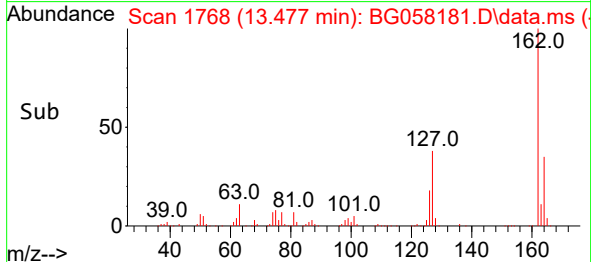
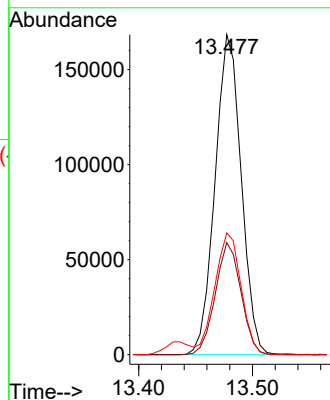
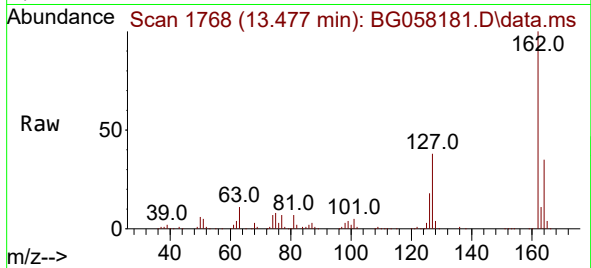




#44
2-Chloronaphthalene
Concen: 34.939 ng/ul
RT: 13.477 min Scan# 1768
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

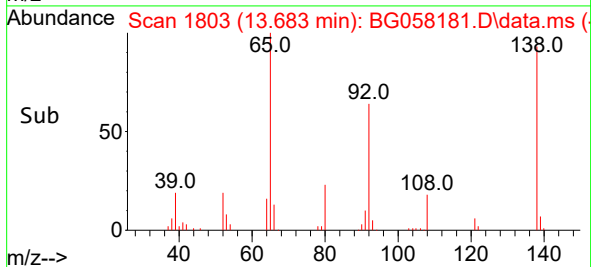
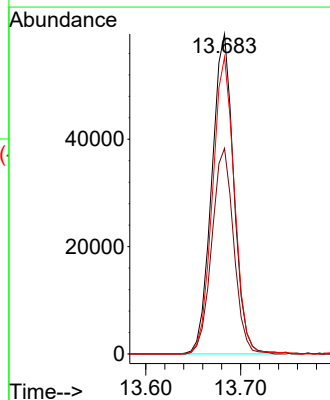
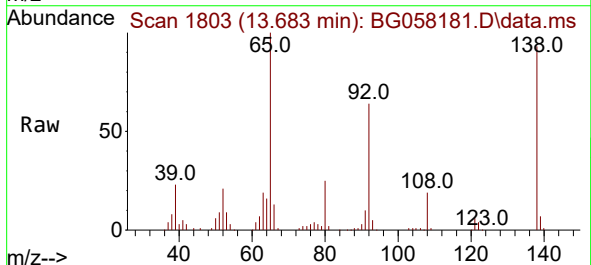
Instrument :
BNA_G
ClientSampleId :
SLCS937

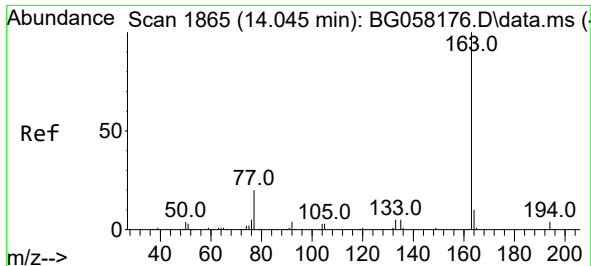
Tgt Ion:162 Resp: 268910
Ion Ratio Lower Upper
162 100
164 35.0 27.7 41.5
127 38.0 30.9 46.3



#45
2-Nitroaniline
Concen: 35.837 ng/ul
RT: 13.683 min Scan# 1803
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion: 65 Resp: 95896
Ion Ratio Lower Upper
65 100
92 64.2 53.2 79.8
138 92.8 71.1 106.7

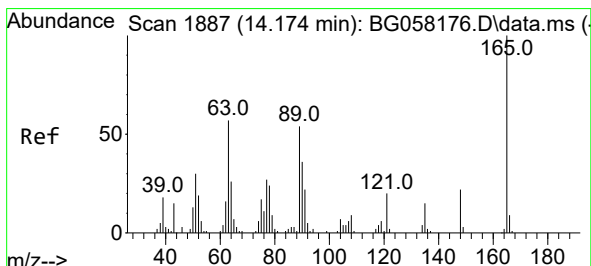
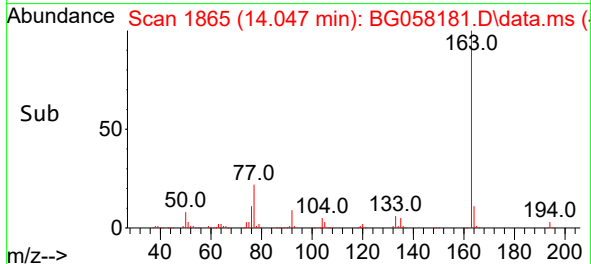
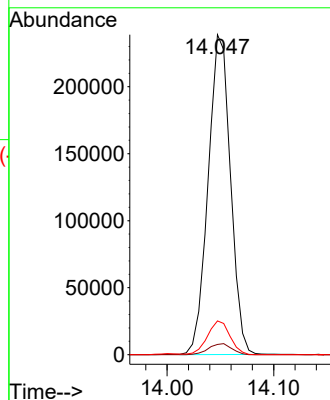
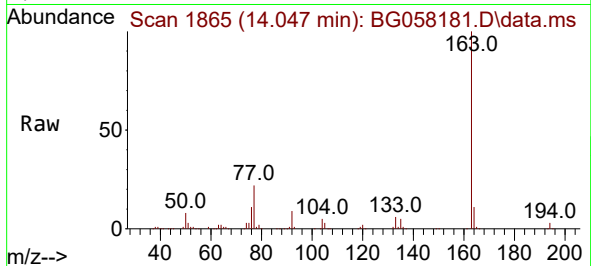




#47
Dimethylphthalate
Concen: 32.961 ng/ul
RT: 14.047 min Scan# 1865
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

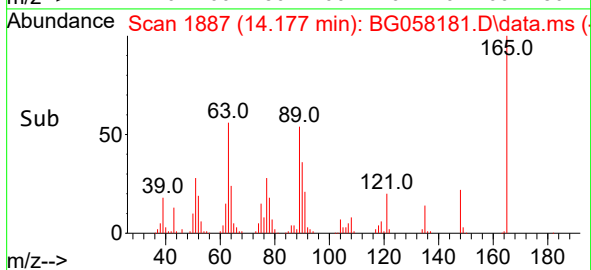
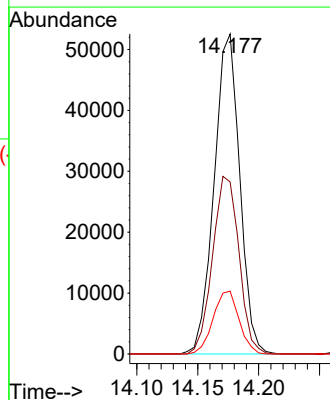
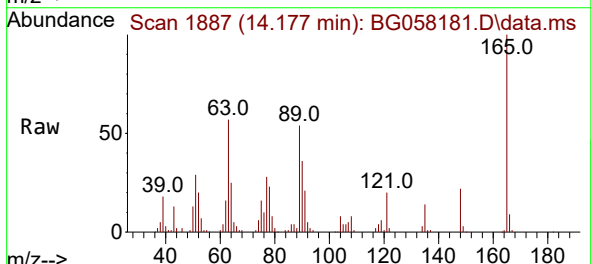
Instrument :
BNA_G
ClientSampleId :
SLCS937

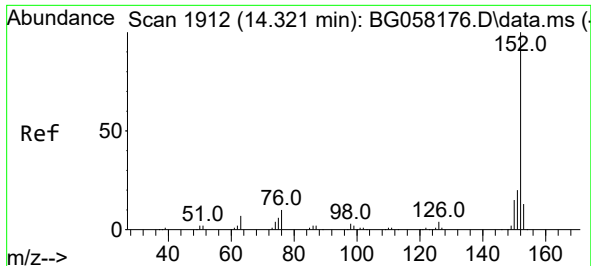
Tgt Ion:163 Resp: 347696
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.5 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 35.493 ng/ul
RT: 14.177 min Scan# 1887
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:165 Resp: 76851
Ion Ratio Lower Upper
165 100
89 53.8 42.7 64.1
121 19.7 14.8 22.2

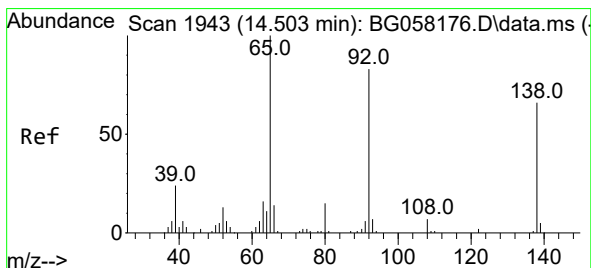
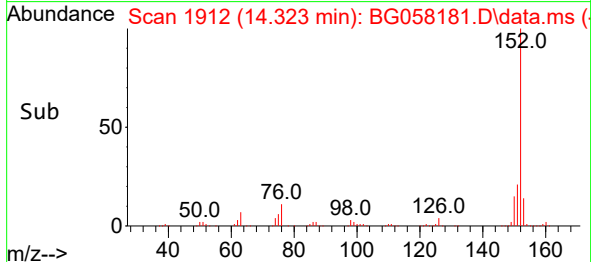
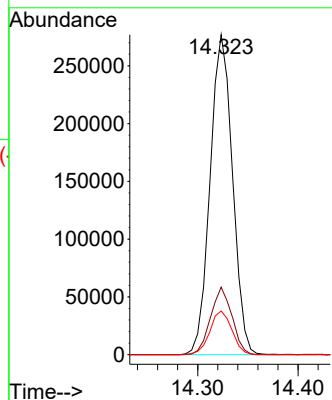
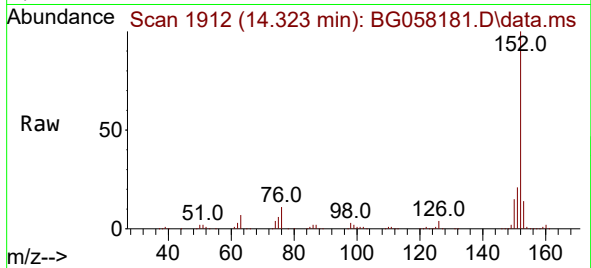




#50
Acenaphthylene
Concen: 34.749 ng/ul
RT: 14.323 min Scan# 1912
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

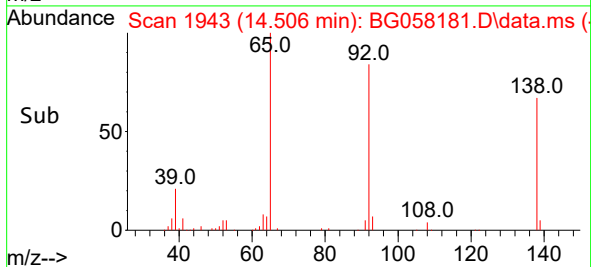
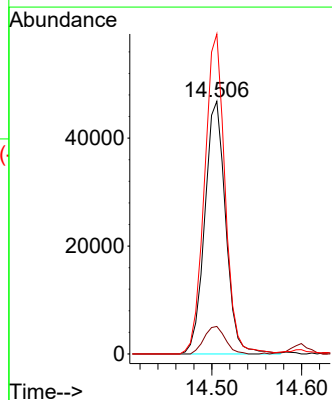
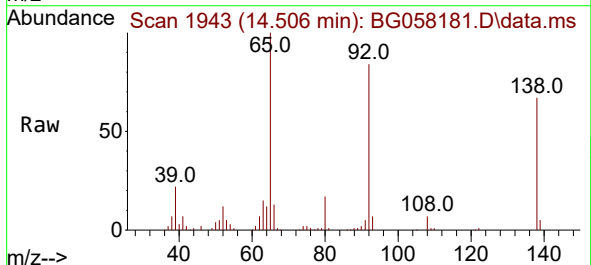
Instrument :
BNA_G
ClientSampleId :
SLCS937

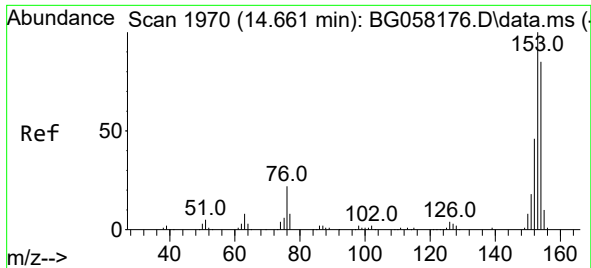
Tgt Ion:152 Resp: 429937
Ion Ratio Lower Upper
152 100
151 21.1 15.6 23.4
153 13.6 10.5 15.7



#51
3-Nitroaniline
Concen: 41.473 ng/ul
RT: 14.506 min Scan# 1943
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:138 Resp: 75888
Ion Ratio Lower Upper
138 100
108 10.9 8.2 12.2
92 126.7 100.2 150.4

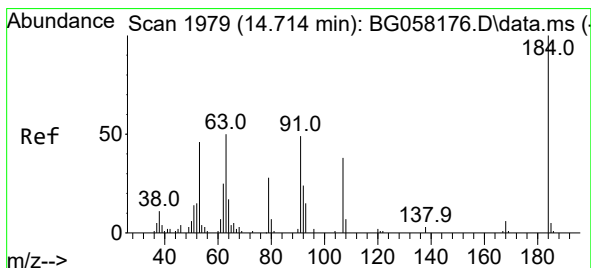
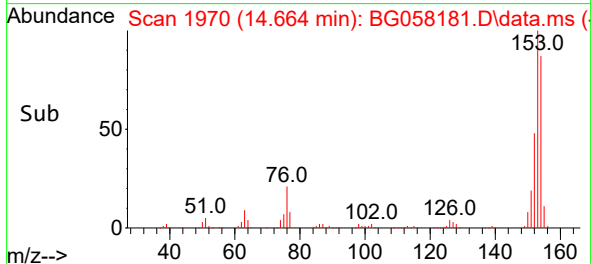
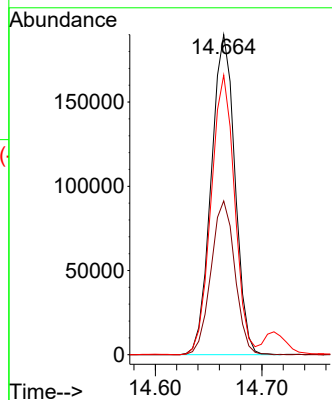
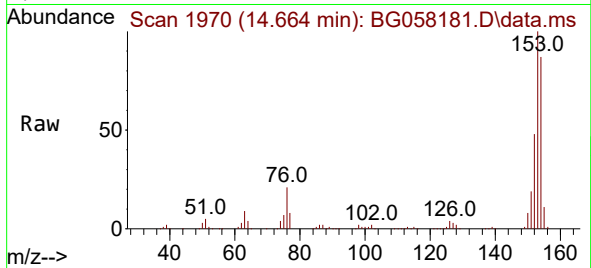




#52
Acenaphthene
Concen: 34.617 ng/ul
RT: 14.664 min Scan# 1970
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

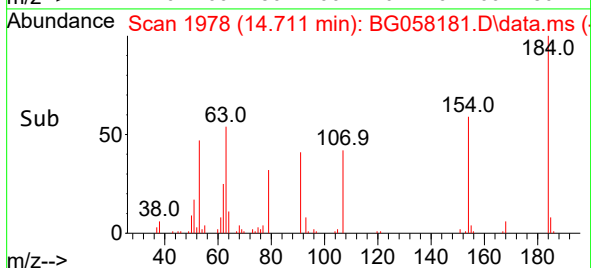
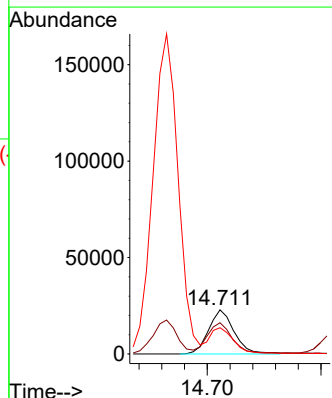
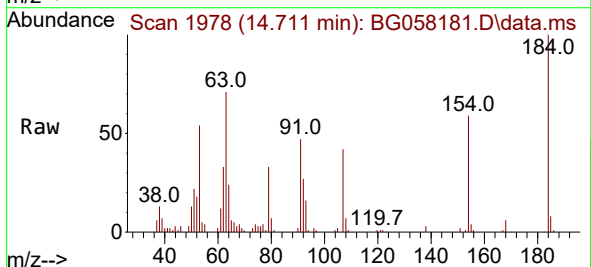
Instrument :
BNA_G
ClientSampleId :
SLCS937

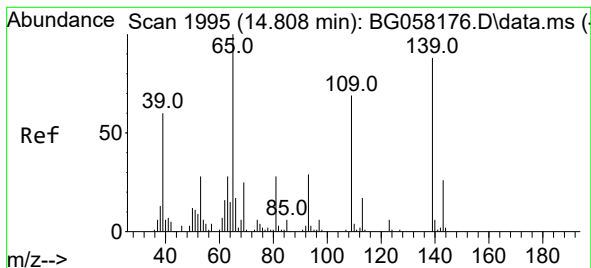
Tgt Ion:153 Resp: 293903
Ion Ratio Lower Upper
153 100
152 48.0 36.5 54.7
154 87.3 70.5 105.7



#53
2,4-Dinitrophenol
Concen: 31.610 ng/ul
RT: 14.711 min Scan# 1978
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:184 Resp: 35682
Ion Ratio Lower Upper
184 100
63 70.7 51.1 76.7
154 59.2 43.3 64.9

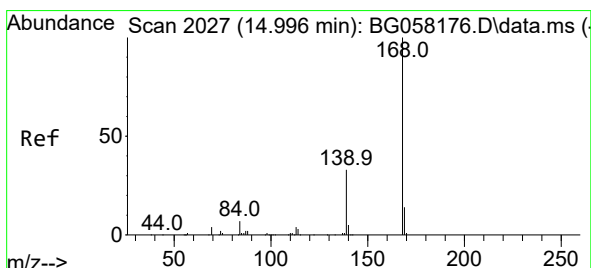
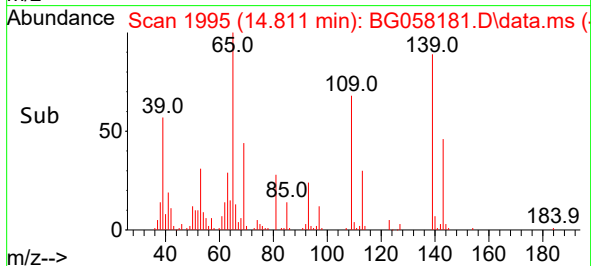
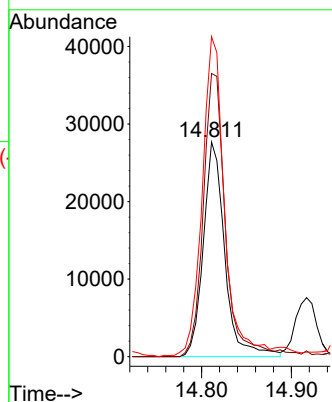
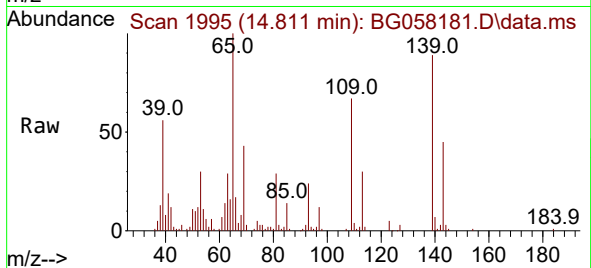




#55
4-Nitrophenol
Concen: 33.344 ng/ul
RT: 14.811 min Scan# 1995
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

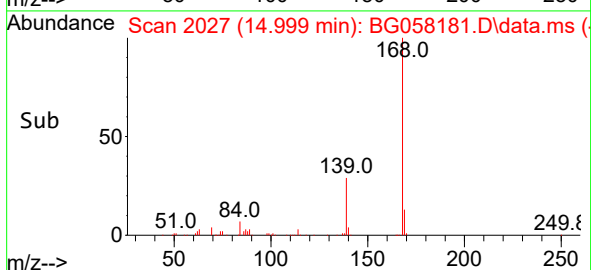
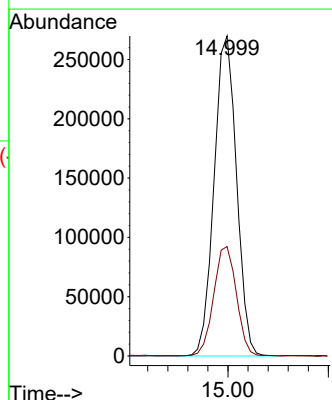
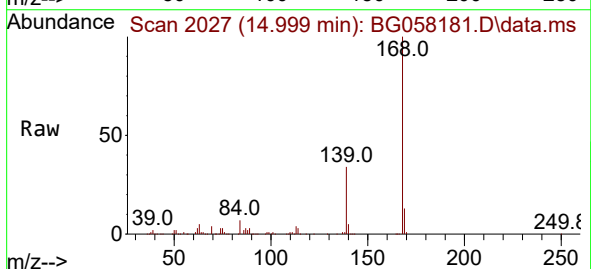
Instrument :
BNA_G
ClientSampleId :
SLCS937

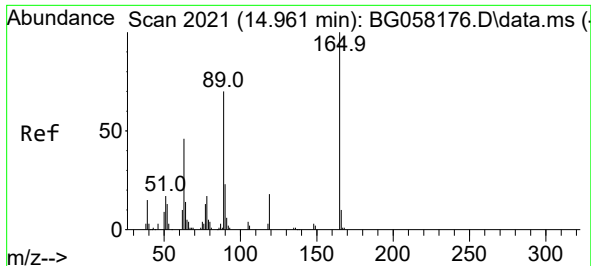
Tgt Ion:109 Resp: 45822
Ion Ratio Lower Upper
109 100
139 131.9 119.0 178.4
65 149.0 135.5 203.3



#56
Dibenzofuran
Concen: 34.717 ng/ul
RT: 14.999 min Scan# 2027
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:168 Resp: 418986
Ion Ratio Lower Upper
168 100
139 34.2 27.6 41.4

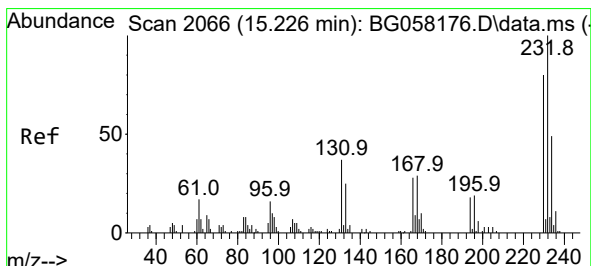
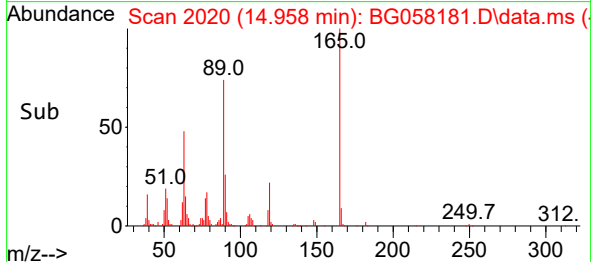
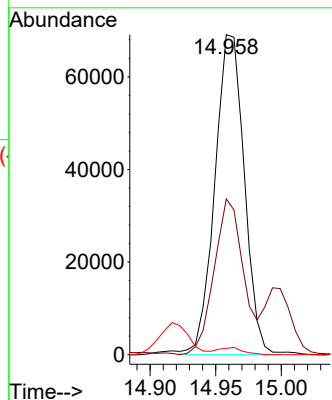
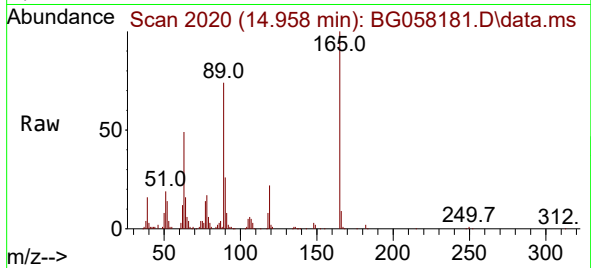




#57
2,4-Dinitrotoluene
Concen: 35.144 ng/ul
RT: 14.958 min Scan# 20
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

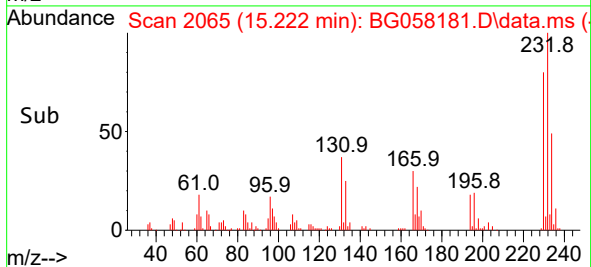
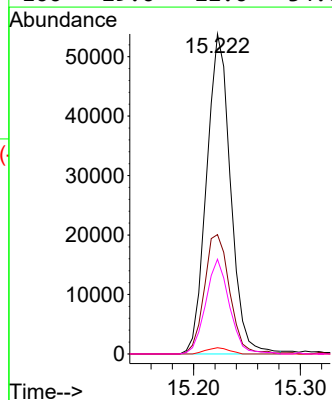
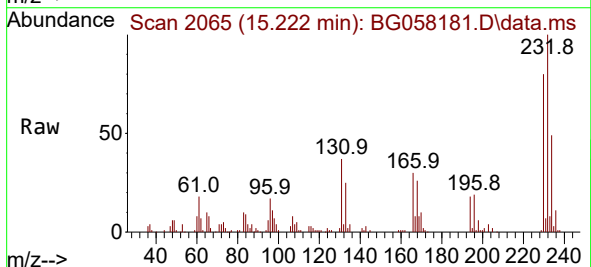
Instrument :
BNA_G
ClientSampleId :
SLCS937

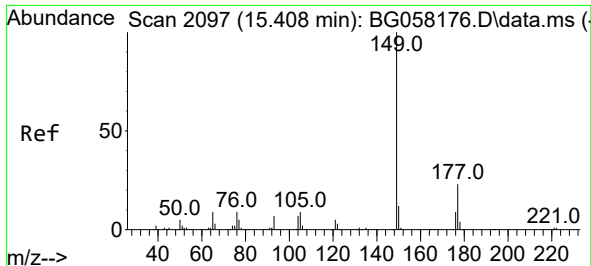
Tgt Ion:165 Resp: 107813
Ion Ratio Lower Upper
165 100
63 48.7 35.8 53.8
182 1.9 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.138 ng/ul
RT: 15.222 min Scan# 2065
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:232 Resp: 84258
Ion Ratio Lower Upper
232 100
131 37.3 30.5 45.7
130 1.9 1.4 2.0
166 29.6 22.6 34.0

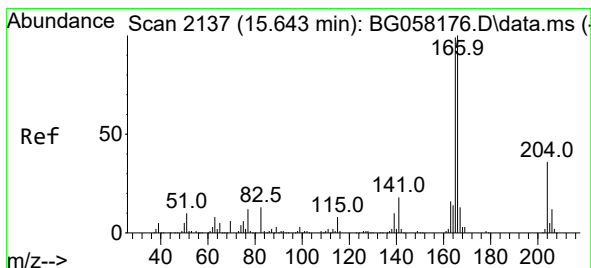
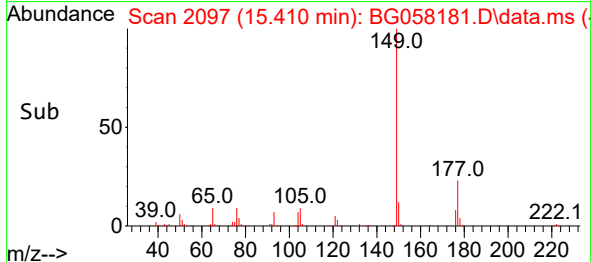
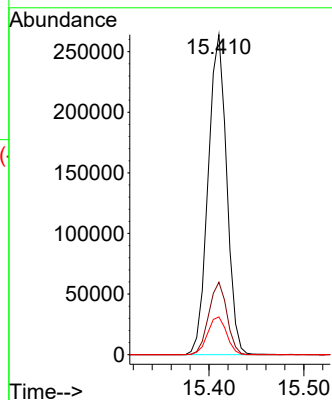
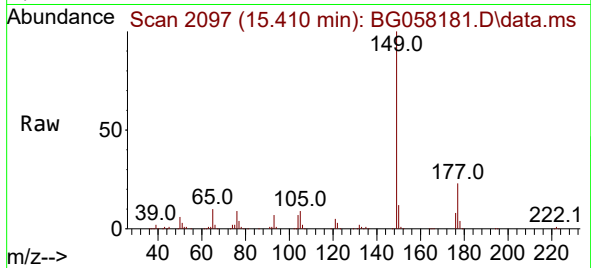




#59
Diethylphthalate
Concen: 32.635 ng/ul
RT: 15.410 min Scan# 2097
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

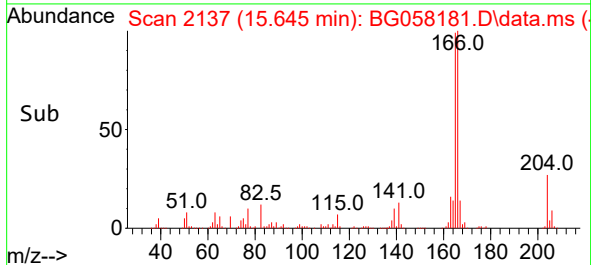
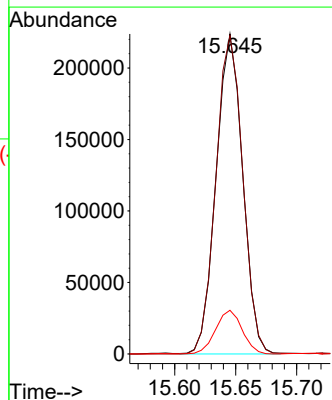
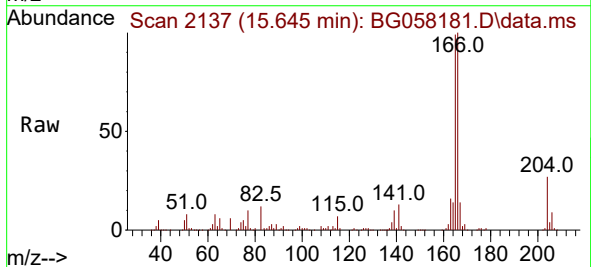
Instrument :
BNA_G
ClientSampleId :
SLCS937

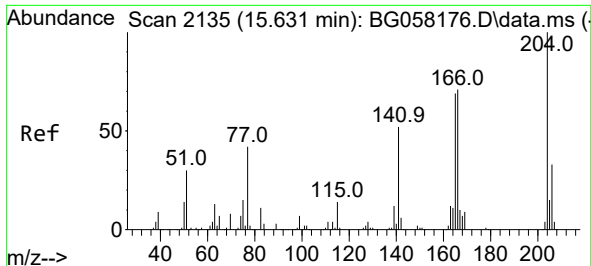
Tgt Ion:149 Resp: 359303
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 11.8 10.1 15.1



#61
Fluorene
Concen: 34.249 ng/ul
RT: 15.645 min Scan# 2137
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:166 Resp: 339153
Ion Ratio Lower Upper
166 100
165 99.5 79.1 118.7
167 13.7 10.7 16.1

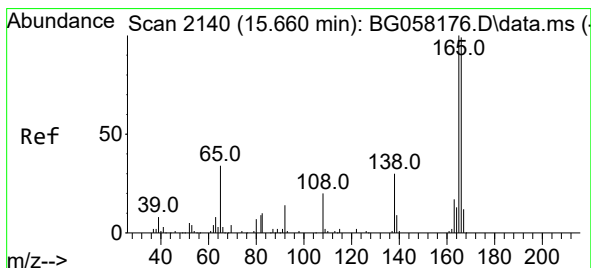
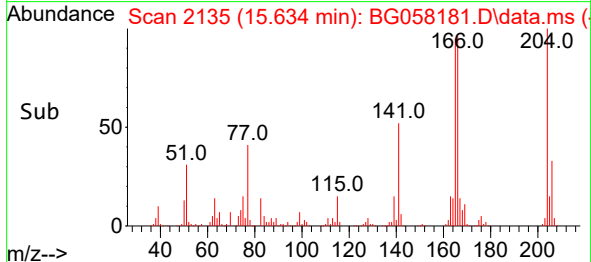
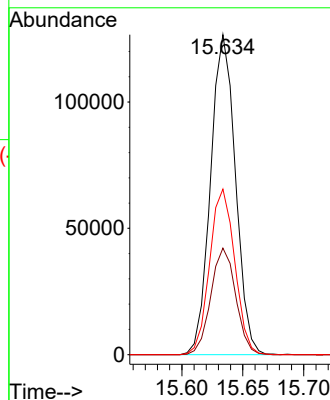
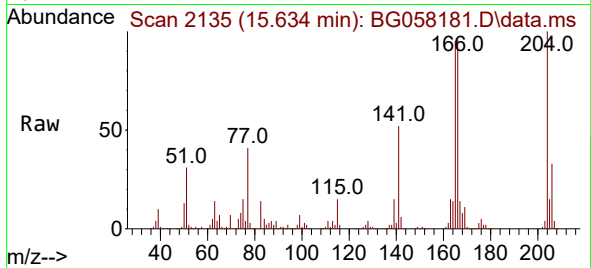




#62
4-Chlorophenyl-phenylether
Concen: 34.326 ng/ul
RT: 15.634 min Scan# 2135
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

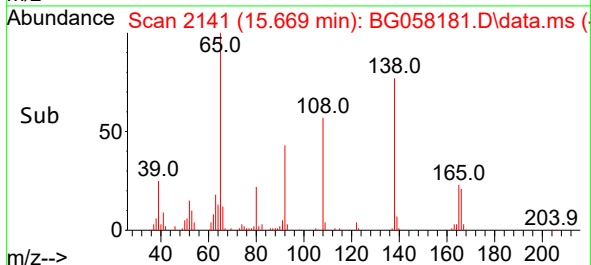
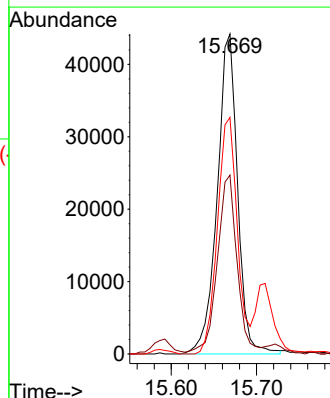
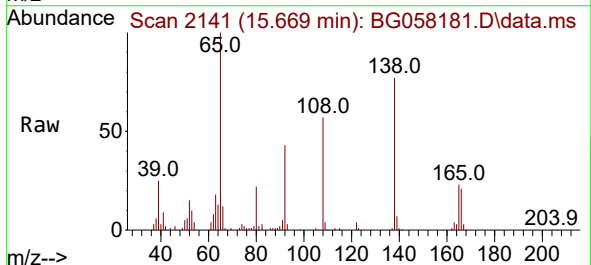
Instrument :
BNA_G
ClientSampleId :
SLCS937

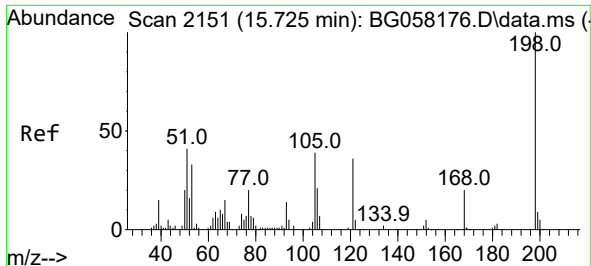
Tgt Ion:204 Resp: 179855
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 51.8 41.8 62.6



#63
4-Nitroaniline
Concen: 44.765 ng/ul
RT: 15.669 min Scan# 2141
Delta R.T. 0.008 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:138 Resp: 73378
Ion Ratio Lower Upper
138 100
92 55.9 43.8 65.8
108 73.9 58.8 88.2

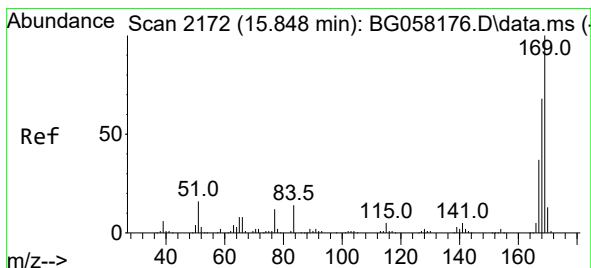
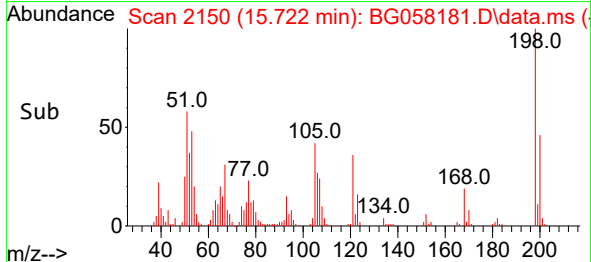
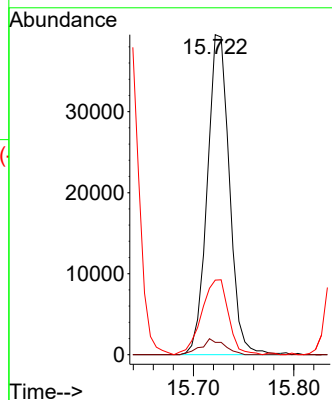
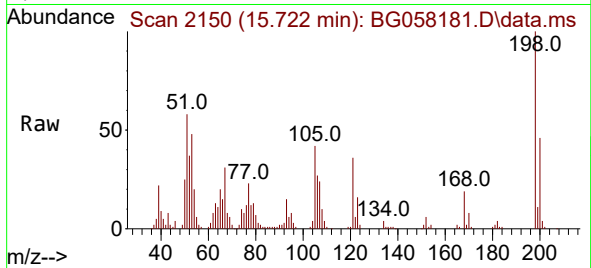




#66
4,6-Dinitro-2-methylphenol
Concen: 35.196 ng/ul
RT: 15.722 min Scan# 2151
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

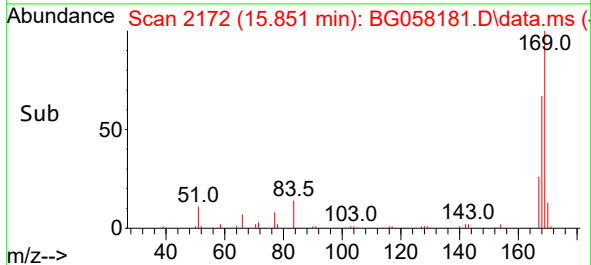
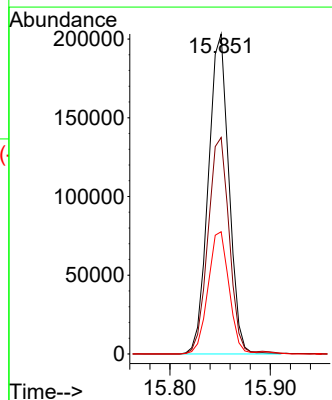
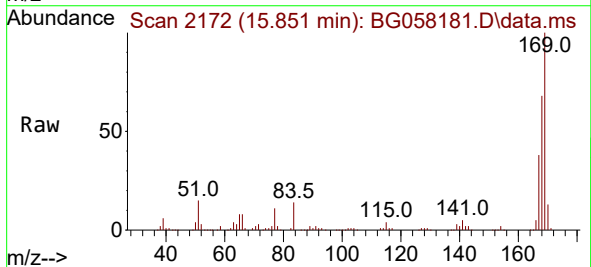
Instrument :
BNA_G
ClientSampleId :
SLCS937

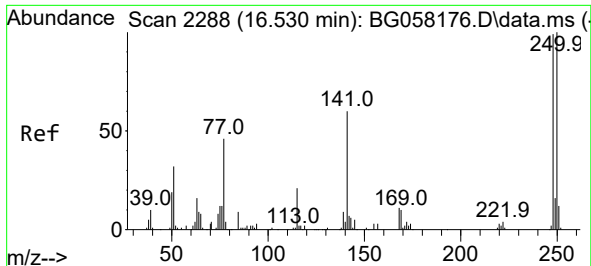
Tgt Ion:198 Resp: 60587
Ion Ratio Lower Upper
198 100
182 3.9 3.1 4.7
77 23.3 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 35.139 ng/ul
RT: 15.851 min Scan# 2172
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:169 Resp: 289899
Ion Ratio Lower Upper
169 100
168 67.7 54.2 81.2
167 38.2 30.8 46.2

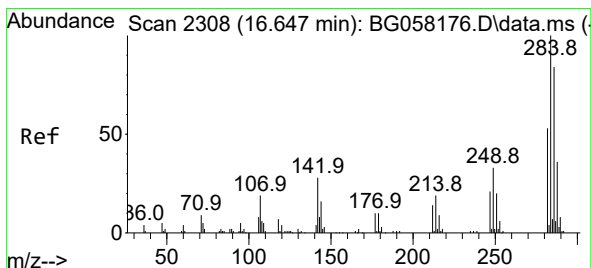
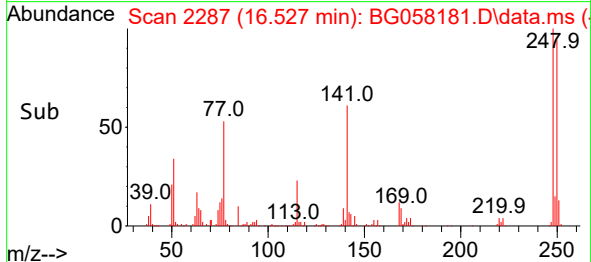
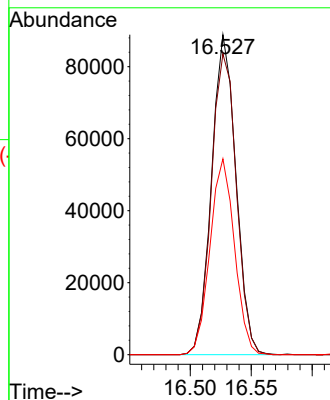
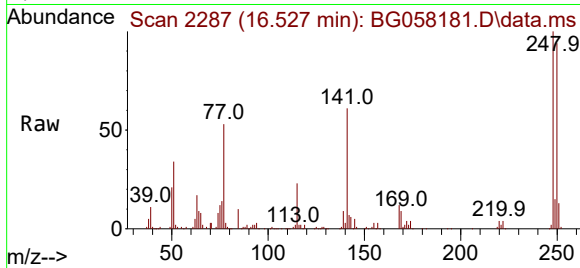




#68
4-Bromophenyl-phenylether
Concen: 36.336 ng/ul
RT: 16.527 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

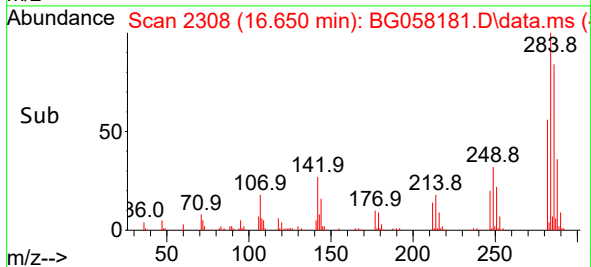
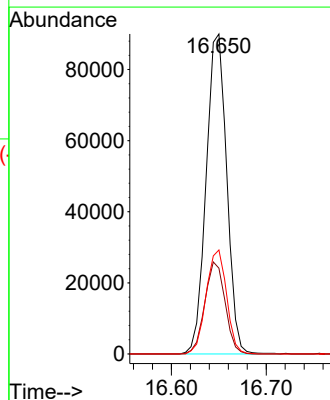
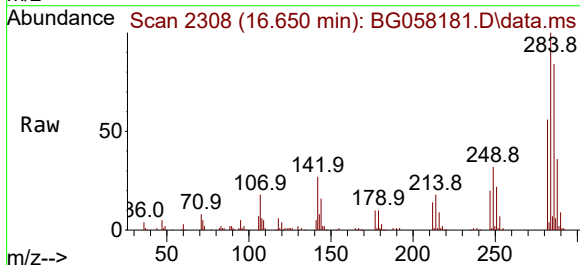
Instrument :
BNA_G
ClientSampleId :
SLCS937

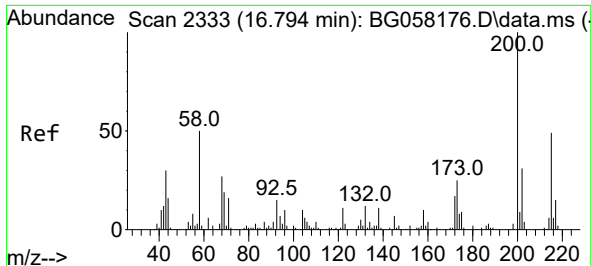
Tgt Ion:248 Resp: 123643
Ion Ratio Lower Upper
248 100
250 93.9 78.3 117.5
141 61.2 49.1 73.7



#69
Hexachlorobenzene
Concen: 35.554 ng/ul
RT: 16.650 min Scan# 2308
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:284 Resp: 135454
Ion Ratio Lower Upper
284 100
142 26.8 21.9 32.9
249 32.5 25.0 37.6

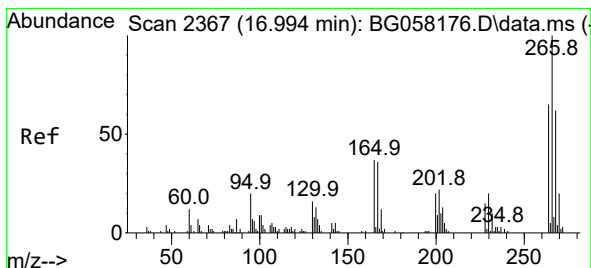
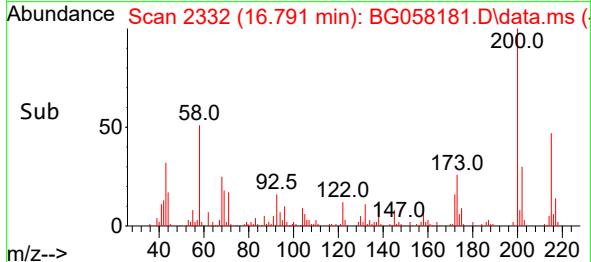
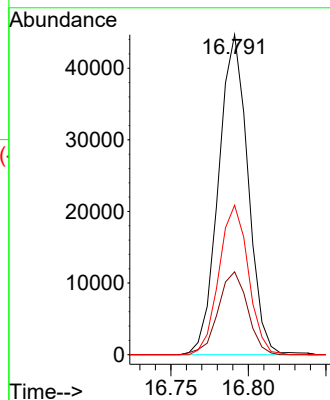
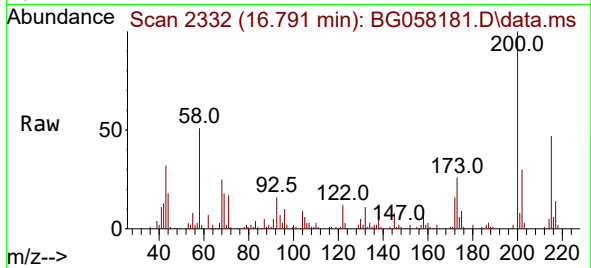




#70
 Atrazine
 Concen: 17.464 ng/ul
 RT: 16.791 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

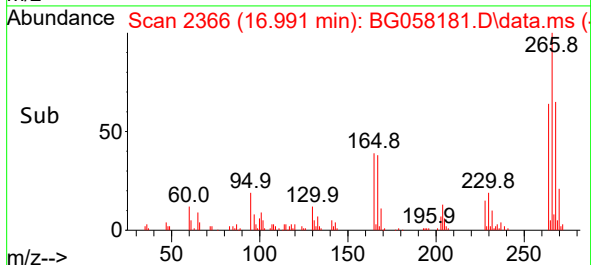
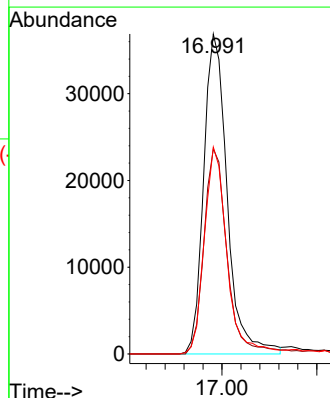
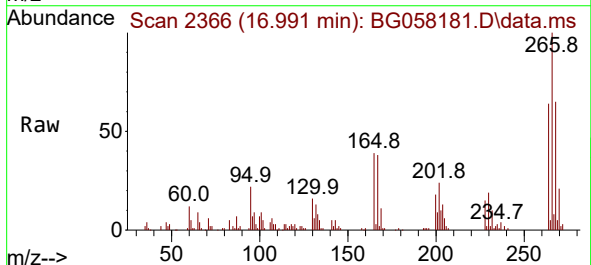
Instrument :
 BNA_G
 ClientSampleId :
 SLCS937

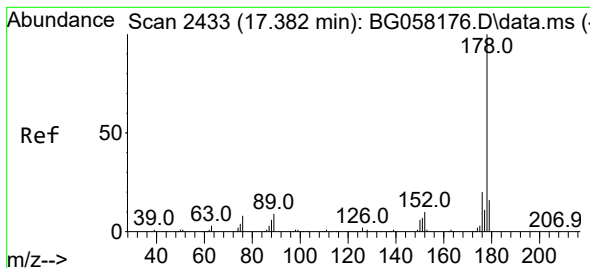
Tgt Ion:200 Resp: 58919
 Ion Ratio Lower Upper
 200 100
 173 25.9 20.0 30.0
 215 46.7 35.8 53.8



#71
 Pentachlorophenol
 Concen: 27.734 ng/ul
 RT: 16.991 min Scan# 2366
 Delta R.T. -0.004 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

Tgt Ion:266 Resp: 63433
 Ion Ratio Lower Upper
 266 100
 264 64.1 51.5 77.3
 268 64.6 49.0 73.4





#72

Phenanthrene

Concen: 34.895 ng/ul

RT: 17.385 min Scan# 2433

Delta R.T. 0.002 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

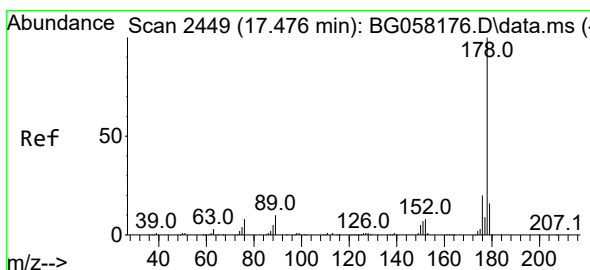
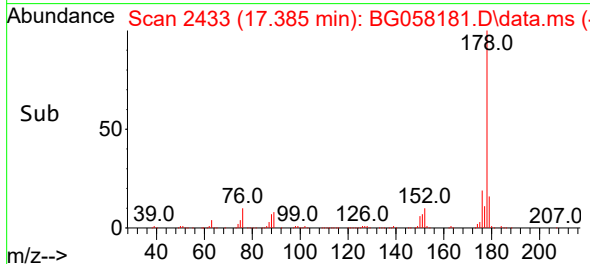
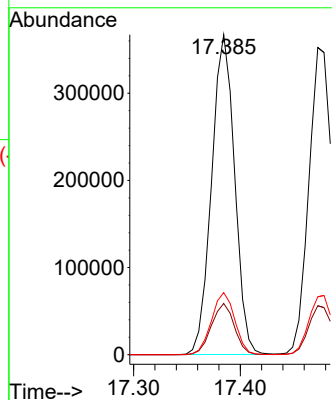
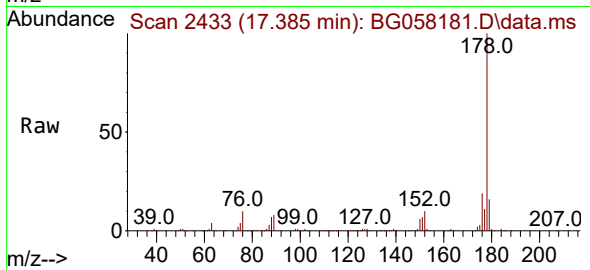
Tgt Ion:178 Resp: 550254

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

176 19.4 15.7 23.5



#74

Anthracene

Concen: 33.826 ng/ul

RT: 17.473 min Scan# 2448

Delta R.T. -0.004 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

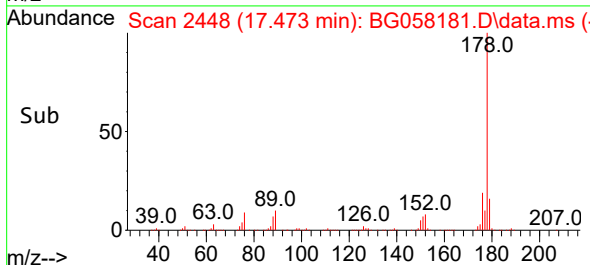
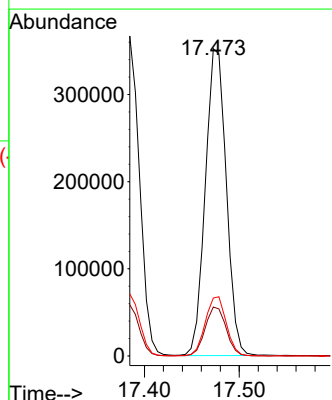
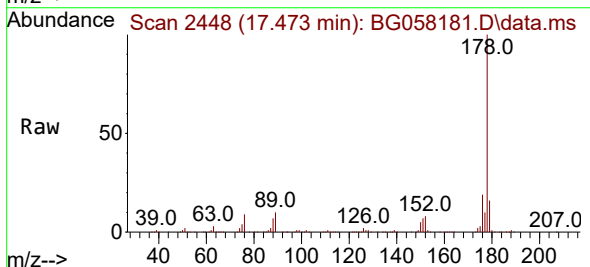
Tgt Ion:178 Resp: 539765

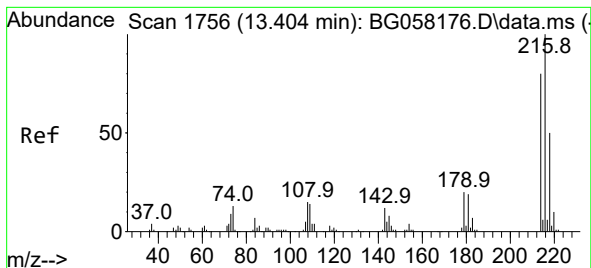
Ion Ratio Lower Upper

178 100

179 16.0 12.6 18.8

176 18.8 15.4 23.2

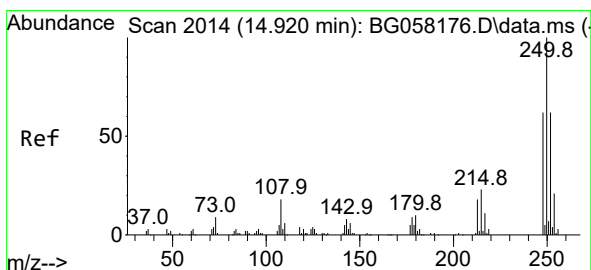
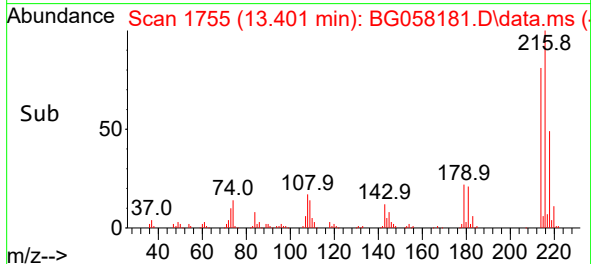
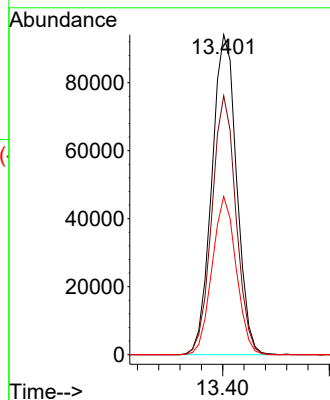
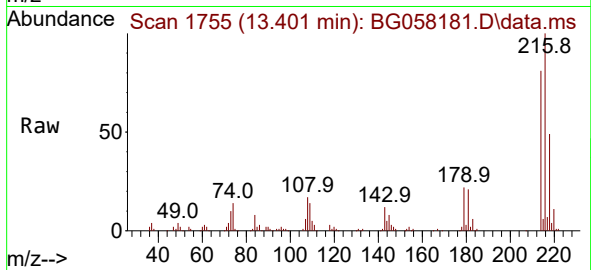




#75
1,2,3,4-Tetrachlorobenzene
Concen: 36.926 ng/uL
RT: 13.401 min Scan# 1
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

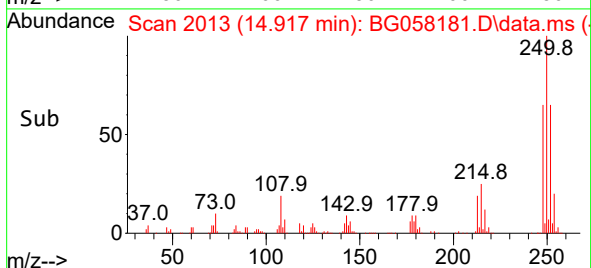
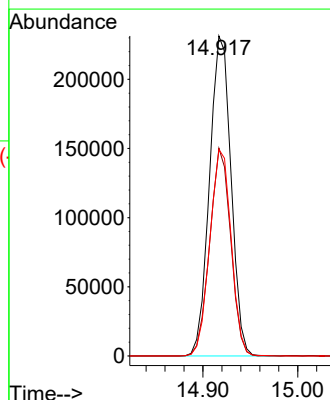
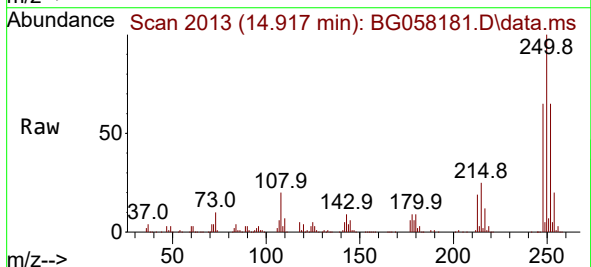
Instrument :
BNA_G
ClientSampleId :
SLCS937

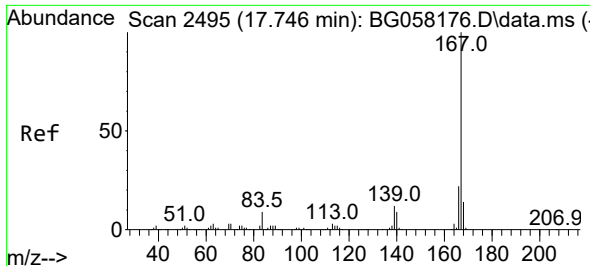
Tgt Ion:216 Resp: 151814
Ion Ratio Lower Upper
216 100
214 80.9 64.8 97.2
218 49.5 39.1 58.7



#76
Pentachlorobenzene
Concen: 82.841 ng/uL
RT: 14.917 min Scan# 2013
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:250 Resp: 363744
Ion Ratio Lower Upper
250 100
248 64.9 52.8 79.2
252 64.6 52.4 78.6

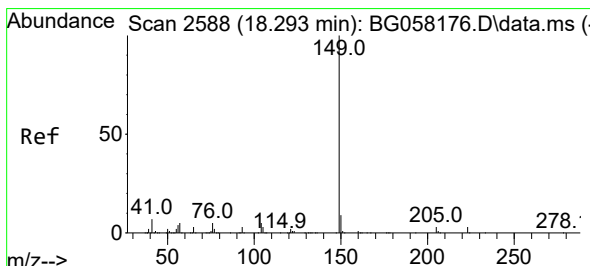
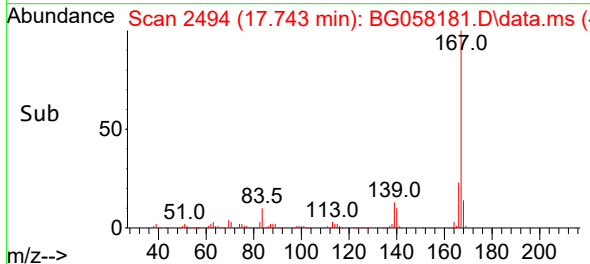
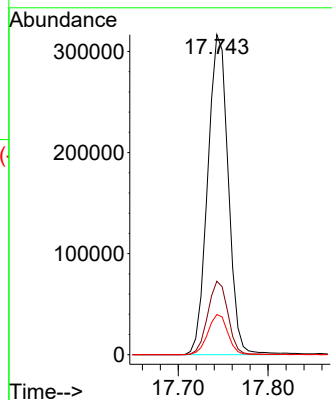
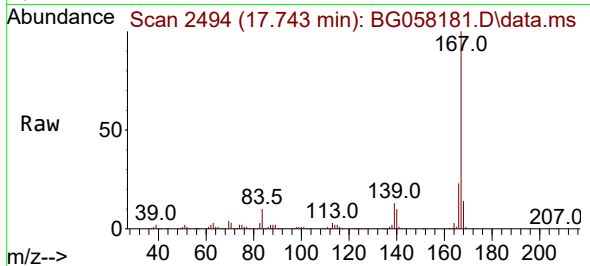




#77
 Carbazole
 Concen: 34.870 ng/ul
 RT: 17.743 min Scan# 2494
 Delta R.T. -0.004 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

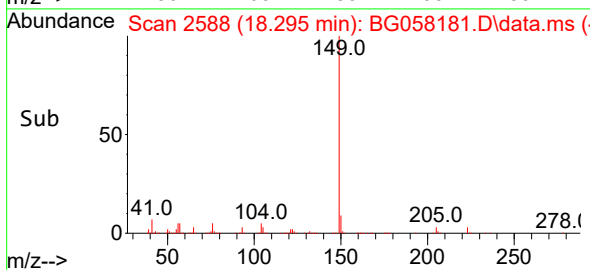
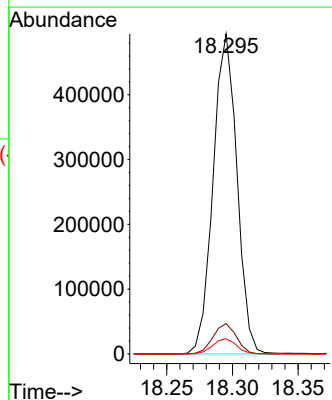
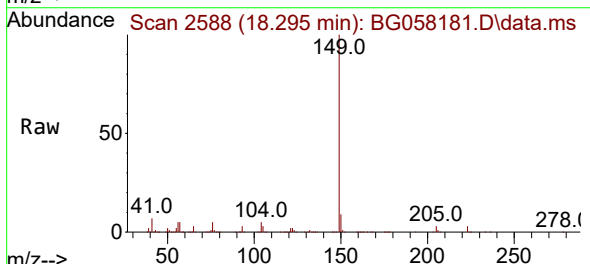
Instrument :
 BNA_G
 ClientSampleId :
 SLCS937

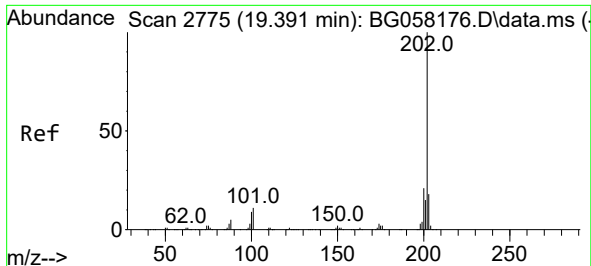
Tgt Ion:167 Resp: 503237
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.5 26.3
 139 12.6 9.5 14.3



#78
 Di-n-butylphthalate
 Concen: 33.909 ng/ul
 RT: 18.295 min Scan# 2588
 Delta R.T. -0.004 min
 Lab File: BG058181.D
 Acq: 12 Jul 2023 11:00

Tgt Ion:149 Resp: 623377
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 4.7 3.9 5.9

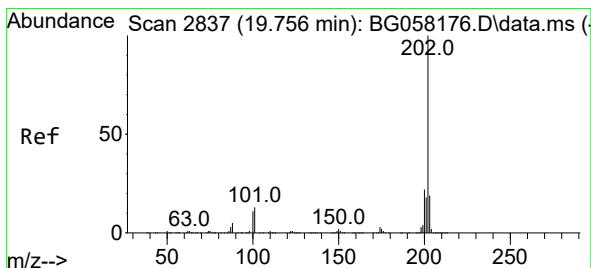
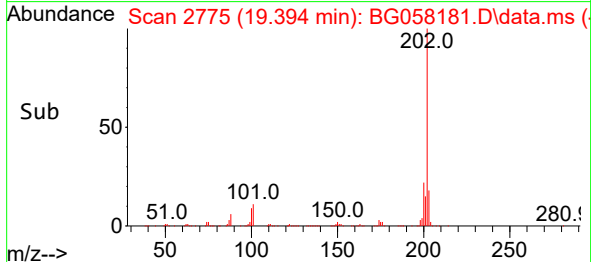
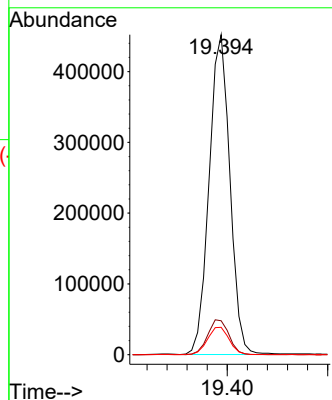
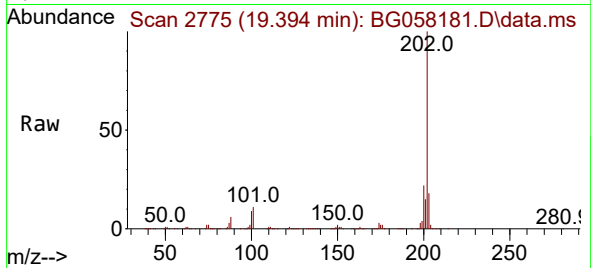




#80
Fluoranthene
Concen: 33.389 ng/ul
RT: 19.394 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

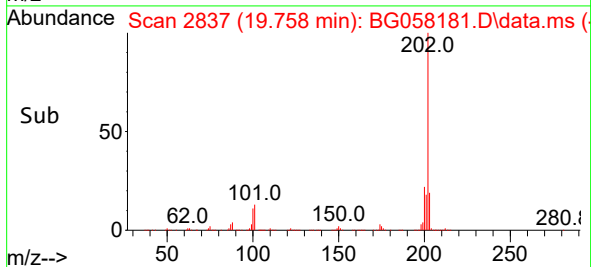
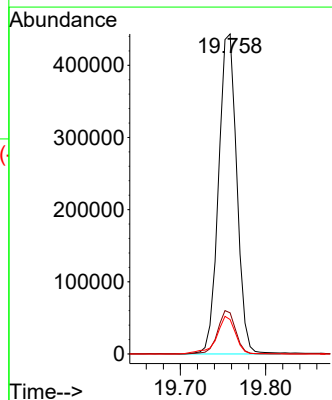
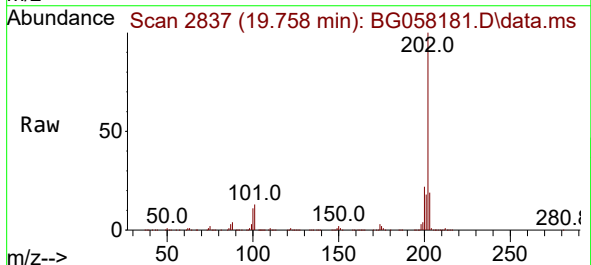
Instrument :
BNA_G
ClientSampleId :
SLCS937

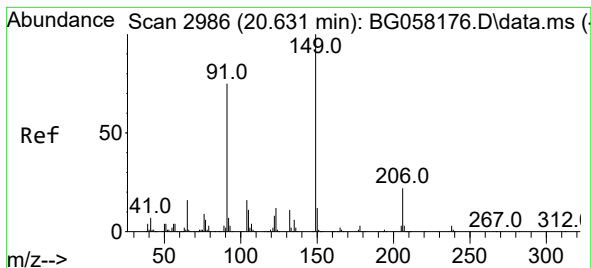
Tgt Ion:202 Resp: 651044
Ion Ratio Lower Upper
202 100
101 10.6 9.1 13.7
100 8.5 7.1 10.7



#82
Pyrene
Concen: 33.542 ng/ul
RT: 19.758 min Scan# 2837
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:202 Resp: 658348
Ion Ratio Lower Upper
202 100
101 12.9 10.2 15.2
100 10.8 8.9 13.3





#83

Butylbenzylphthalate

Concen: 35.441 ng/ul

RT: 20.634 min Scan# 2986

Delta R.T. -0.004 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

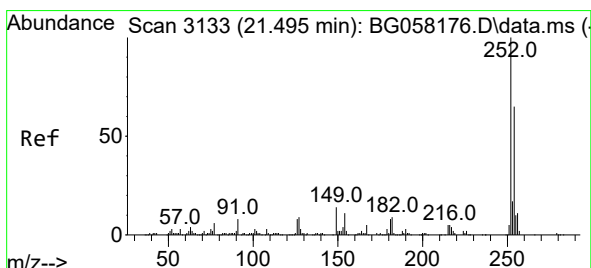
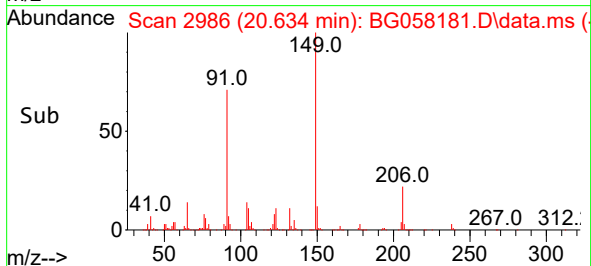
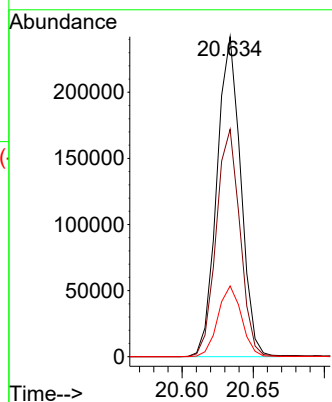
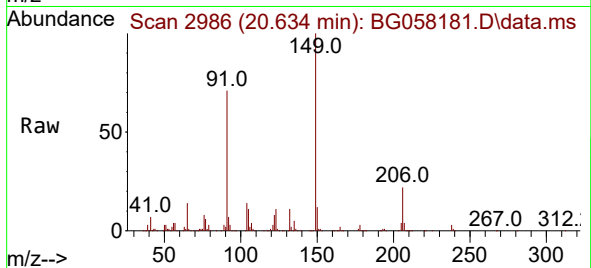
Tgt Ion:149 Resp: 282076

Ion Ratio Lower Upper

149 100

91 71.0 56.5 84.7

206 22.1 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 40.501 ng/ul

RT: 21.497 min Scan# 3133

Delta R.T. 0.002 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

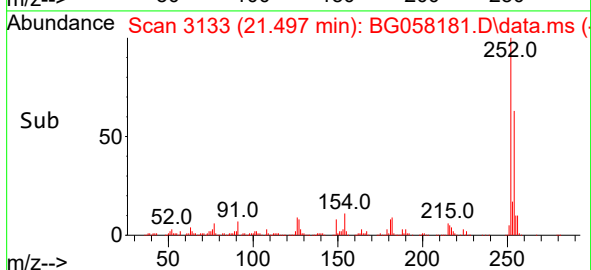
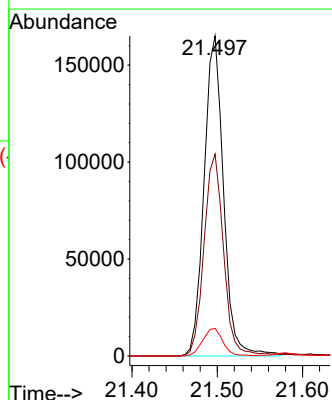
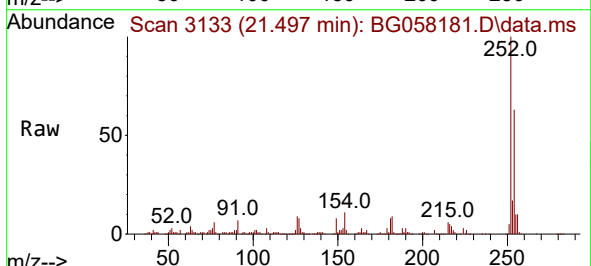
Tgt Ion:252 Resp: 261972

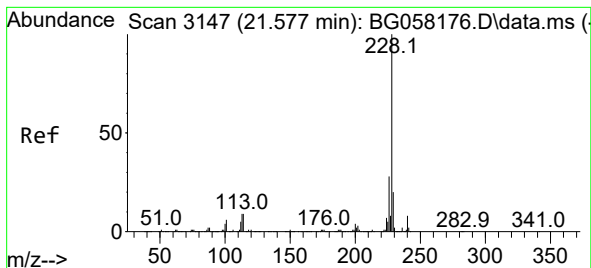
Ion Ratio Lower Upper

252 100

254 63.1 50.7 76.1

126 8.6 6.6 10.0





#85

Benzo(a)anthracene

Concen: 34.863 ng/ul

RT: 21.580 min Scan# 3147

Delta R.T. 0.002 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

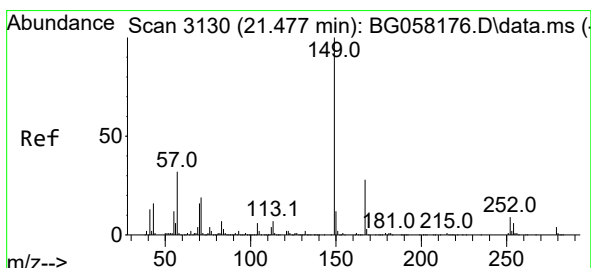
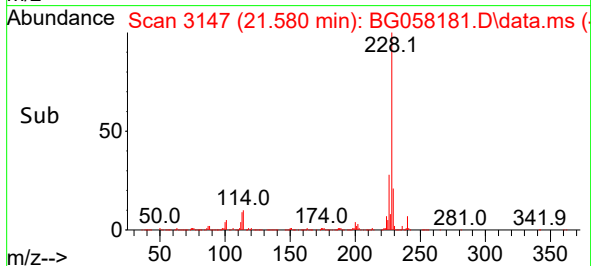
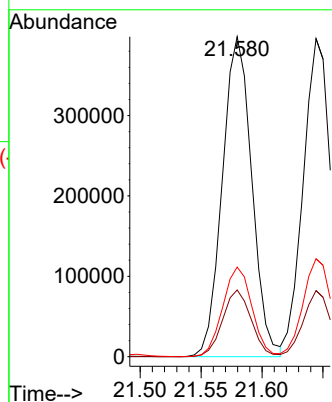
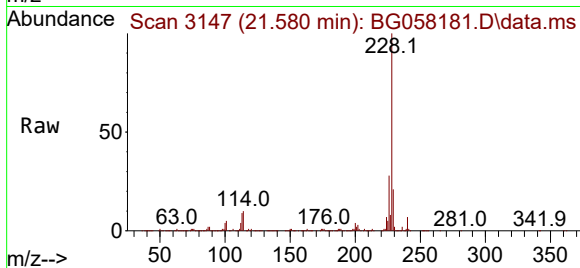
Tgt Ion:228 Resp: 668807

Ion Ratio Lower Upper

228 100

229 20.9 16.0 24.0

226 28.0 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.872 ng/ul

RT: 21.474 min Scan# 3129

Delta R.T. -0.004 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

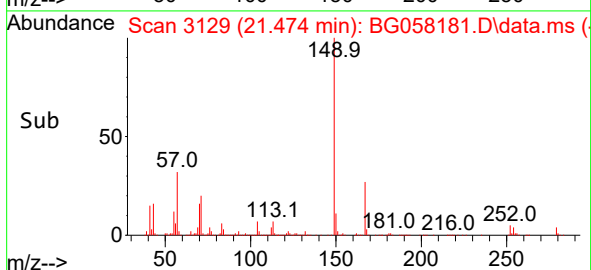
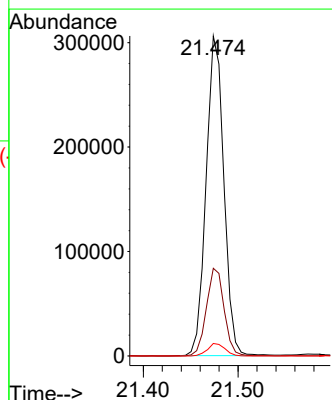
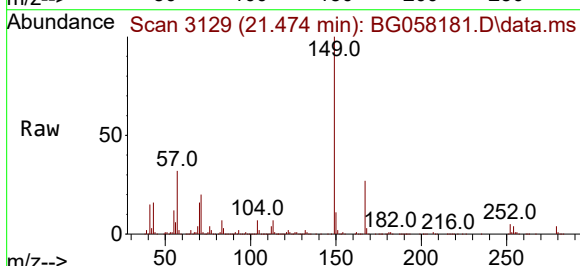
Tgt Ion:149 Resp: 397734

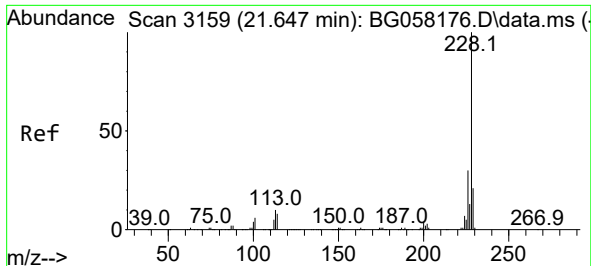
Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 3.9 3.1 4.7

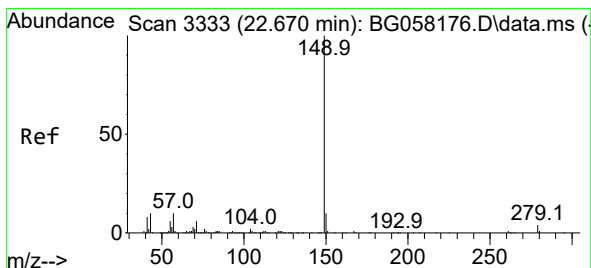
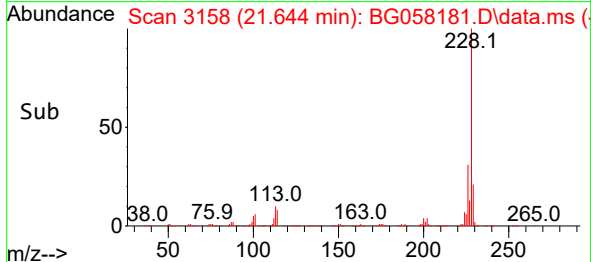
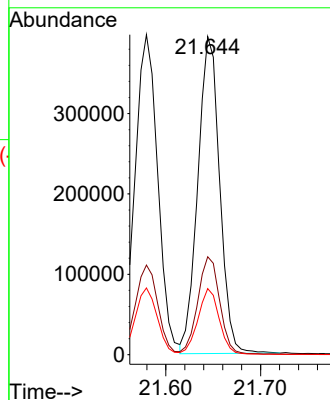
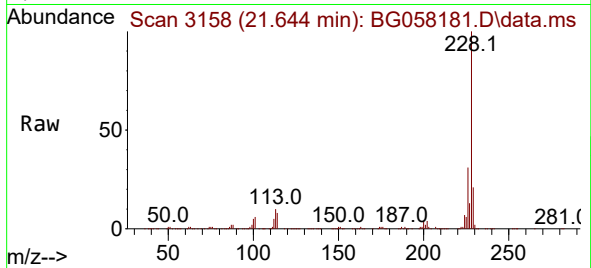




#87
Chrysene
Concen: 35.123 ng/ul
RT: 21.644 min Scan# 3159
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

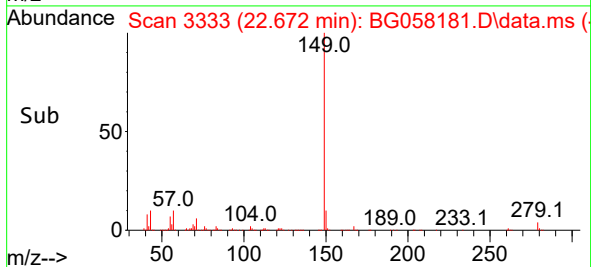
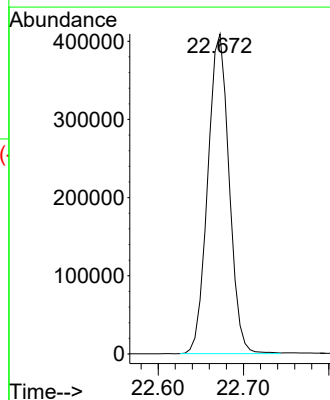
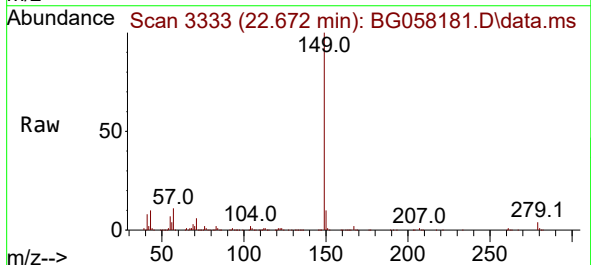
Instrument :
BNA_G
ClientSampleId :
SLCS937

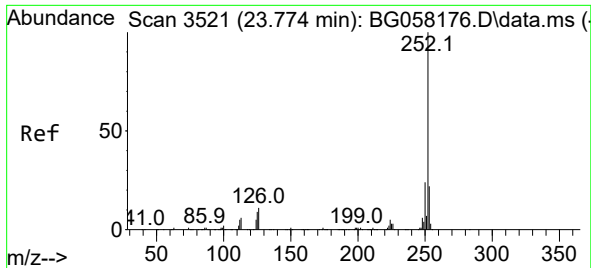
Tgt Ion:228 Resp: 631643
Ion Ratio Lower Upper
228 100
226 30.8 24.4 36.6
229 20.8 15.5 23.3



#89
Di-n-octyl phthalate
Concen: 37.280 ng/ul
RT: 22.672 min Scan# 3333
Delta R.T. -0.004 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:149 Resp: 710736

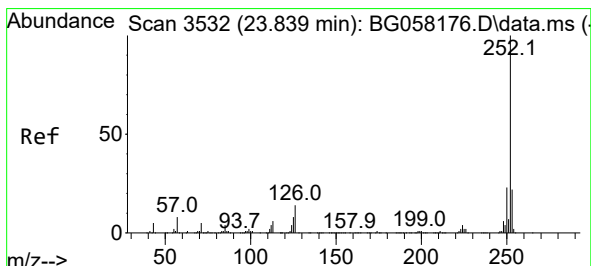
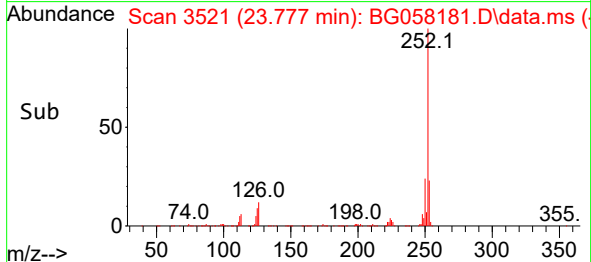
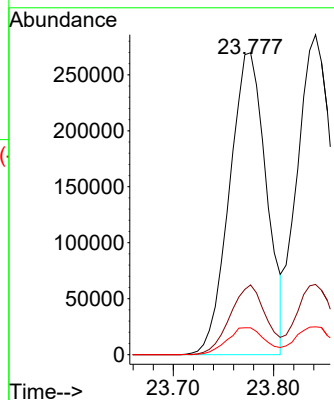
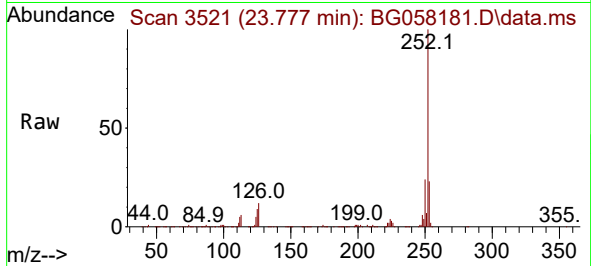




#90
Benzo(b)fluoranthene
Concen: 35.979 ng/ul
RT: 23.777 min Scan# 3521
Delta R.T. 0.008 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

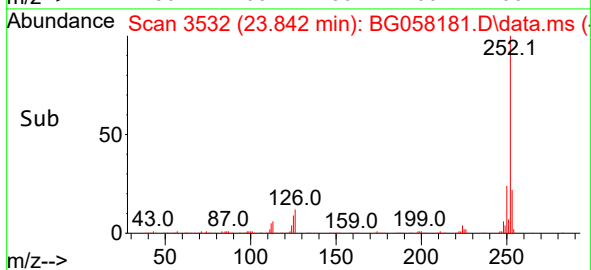
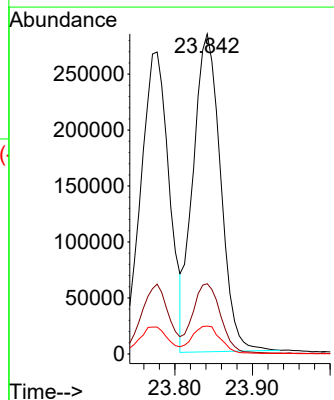
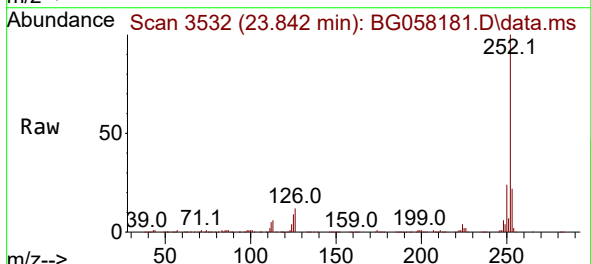
Instrument :
BNA_G
ClientSampleId :
SLCS937

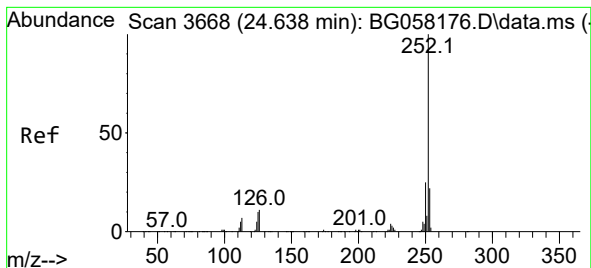
Tgt Ion:252 Resp: 691225
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 8.9 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 37.100 ng/ul
RT: 23.842 min Scan# 3532
Delta R.T. 0.002 min
Lab File: BG058181.D
Acq: 12 Jul 2023 11:00

Tgt Ion:252 Resp: 698643
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 8.7 7.4 11.2





#93

Benzo(a)pyrene

Concen: 36.963 ng/ul

RT: 24.641 min Scan# 3

Delta R.T. 0.002 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

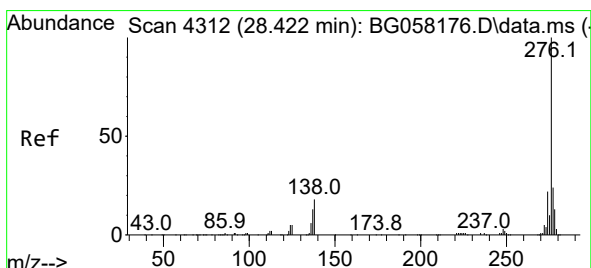
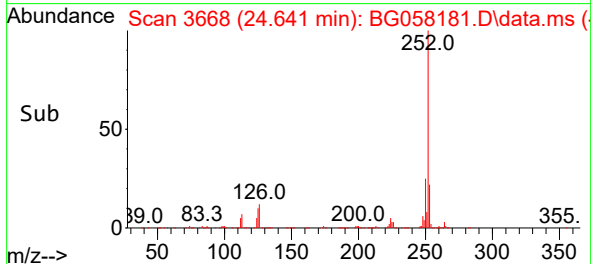
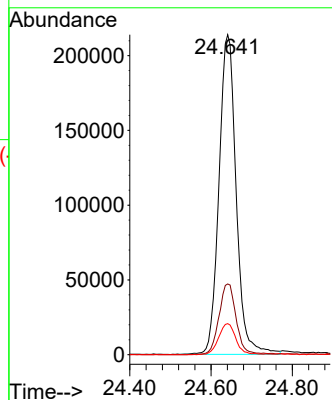
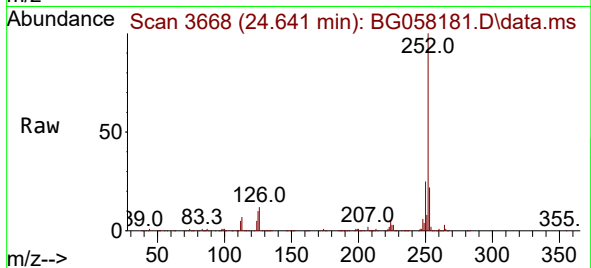
Tgt Ion:252 Resp: 628545

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 9.7 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 13.486 ng/ul

RT: 28.430 min Scan# 4313

Delta R.T. 0.008 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

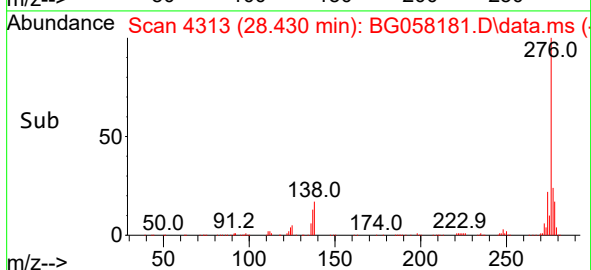
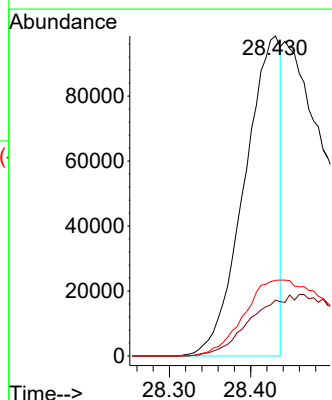
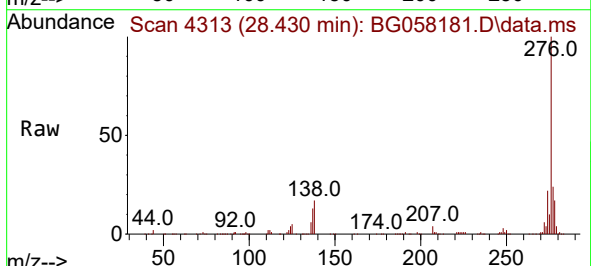
Tgt Ion:276 Resp: 304531

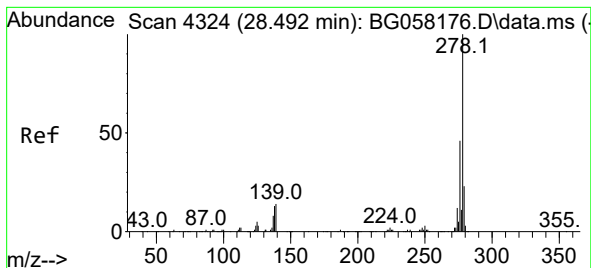
Ion Ratio Lower Upper

276 100

138 17.5 14.0 21.0

277 23.7 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 35.458 ng/ul

RT: 28.489 min Scan# 41

Delta R.T. 0.002 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Instrument :

BNA_G

ClientSampleId :

SLCS937

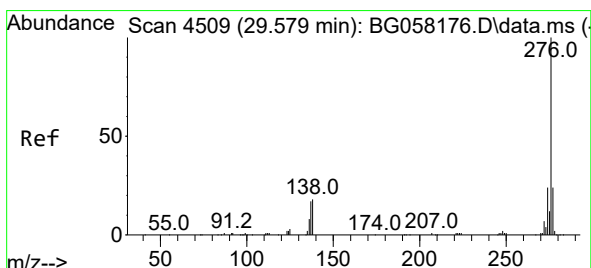
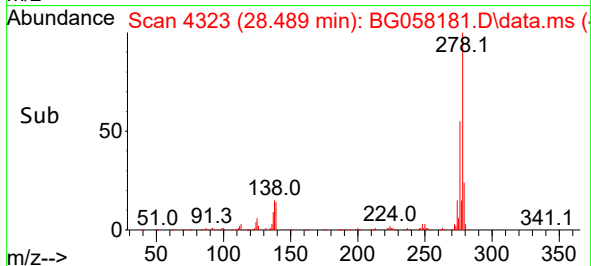
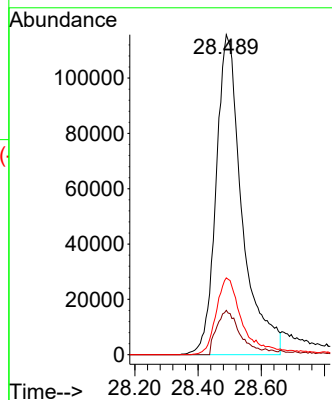
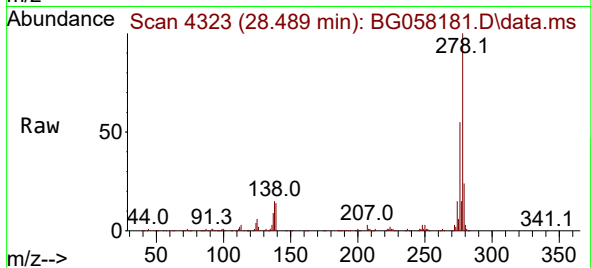
Tgt Ion:278 Resp: 660234

Ion Ratio Lower Upper

278 100

139 13.9 11.3 16.9

279 24.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 14.583 ng/ul

RT: 29.570 min Scan# 4507

Delta R.T. 0.008 min

Lab File: BG058181.D

Acq: 12 Jul 2023 11:00

Tgt Ion:276 Resp: 268961

Ion Ratio Lower Upper

276 100

138 18.4 14.2 21.2

277 22.7 18.6 27.8

