

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
 Data File : BG058397.D
 Acq On : 21 Jul 2023 21:32
 Operator : CG/JU
 Sample : PB154123BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 21 22:19:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 18 02:19:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	57392	20.000	ng/u1	0.00
20) Naphthalene-d8	10.696	136	246152	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.533	164	162395	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.283	188	360901	20.000	ng/u1	0.00
79) Chrysene-d12	21.531	240	287586	20.000	ng/u1	0.00
88) Perylene-d12	24.668	264	357595	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	9704	6.223	ng/uL	0.00
4) Pyridine-d5	3.746	84	151751	32.788	ng/u1	0.00
7) Phenol-d5	7.065	99	188841	34.685	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.224	67	112055	32.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.430	132	133257	34.966	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	137603	33.135	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	67211	36.428	ng/u1	0.00
24) 2-Nitrophenol-d4	9.780	143	76042	37.752	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.320	165	142240	36.837	ng/u1	0.00
31) 4-Chloroaniline-d4	10.832	131	177071	31.633	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	403553	32.226	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	472354	35.993	ng/u1	0.00
54) 4-Nitrophenol-d4	14.745	143	64283	33.990	ng/u1	0.00
60) Fluorene-d10	15.526	176	360159	34.738	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.649	200	44396	24.145	ng/u1	0.00
73) Anthracene-d10	17.377	188	544961	34.947	ng/u1	0.00
81) Pyrene-d10	19.668	212	622070	36.623	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.457	264	631674	36.547	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.376	88	23273	13.158	ng/uL#	95
5) Pyridine	3.769	79	147362	30.149	ng/u1	95
6) Benzaldehyde	7.036	77	105062	47.783	ng/u1	98
8) Phenol	7.089	94	184681	32.664	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.318	93	136783	31.580	ng/u1	96
12) 2-Chlorophenol	7.459	128	130754	32.777	ng/u1	99
13) 2-Methylphenol	8.340	108	138947	31.531	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.423	45	223481	31.485	ng/u1	98
16) Acetophenone	8.716	105	214594	30.343	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.699	70	110802	28.626	ng/u1	98
18) 4-Methylphenol	8.669	108	149615	31.242	ng/u1	97
19) Hexachloroethane	8.975	117	51783	32.931	ng/u1	91
22) Nitrobenzene	9.098	77	164097	33.351	ng/u1	98
23) Isophorone	9.615	82	324410	29.408	ng/u1	99
25) 2-Nitrophenol	9.809	139	74836	34.783	ng/u1	95
26) 2,4-Dimethylphenol	9.868	107	137956	28.757	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.103	93	188311	32.233	ng/u1	98
29) 2,4-Dichlorophenol	10.350	162	129285	35.277	ng/u1	96
30) Naphthalene	10.749	128	438460	33.325	ng/u1	99
32) 4-Chloroaniline	10.861	127	169809	29.681	ng/u1	100
33) Hexachlorobutadiene	11.025	225	90487	34.529	ng/u1	95
34) Caprolactam	11.625	113	32601	21.417	ng/u1	98
35) 4-Chloro-3-methylphenol	11.989	107	150750	32.322	ng/u1	96
36) 2-Methylnaphthalene	12.359	142	287960	32.667	ng/u1	99

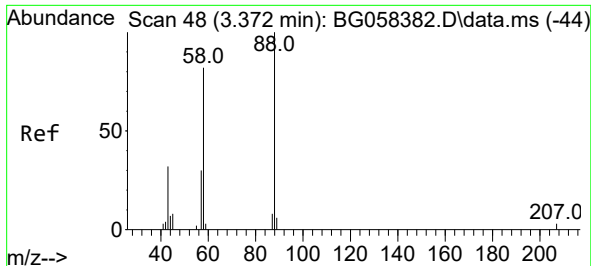
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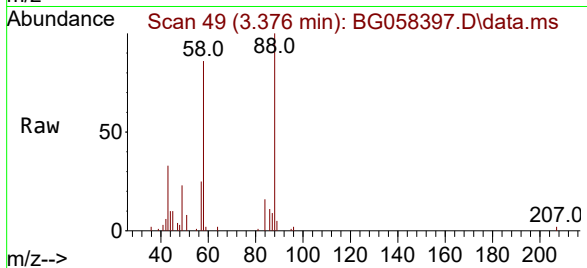
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	286276	31.687	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.729	216	170590	36.288	ng/ul	99
40) Hexachlorocyclopentadiene	12.700	237	54810	21.678	ng/ul	99
41) 2,4,6-Trichlorophenol	12.970	196	116069	36.473	ng/ul	97
42) 2,4,5-Trichlorophenol	13.047	196	120135	35.402	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	375122	34.161	ng/ul	98
44) 2-Chloronaphthalene	13.411	162	303733	34.788	ng/ul	98
45) 2-Nitroaniline	13.616	65	105889	34.915	ng/ul	96
47) Dimethylphthalate	13.987	163	388340	30.874	ng/ul	99
48) 2,6-Dinitrotoluene	14.110	165	85767	35.286	ng/ul	95
50) Acenaphthylene	14.257	152	476954	33.669	ng/ul	100
51) 3-Nitroaniline	14.445	138	78448	38.728	ng/ul	92
52) Acenaphthene	14.598	153	332357	33.792	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	21706	16.779	ng/ul	98
55) 4-Nitrophenol	14.756	109	48044	32.986	ng/ul	92
56) Dibenzofuran	14.933	168	465498	33.240	ng/ul	100
57) 2,4-Dinitrotoluene	14.903	165	119222	34.007	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.162	232	103780	33.101	ng/ul#	97
59) Diethylphthalate	15.350	149	402155	31.035	ng/ul	99
61) Fluorene	15.585	166	376140	32.752	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.573	204	199498	32.722	ng/ul	98
63) 4-Nitroaniline	15.608	138	77173	42.104	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.667	198	45005	23.790	ng/ul	100
67) N-Nitrosodiphenylamine	15.790	169	318975	35.655	ng/ul	98
68) 4-Bromophenyl-phenylether	16.466	248	136678	35.755	ng/ul	95
69) Hexachlorobenzene	16.589	284	149607	34.684	ng/ul	99
70) Atrazine	16.736	200	121180	34.549	ng/ul	95
71) Pentachlorophenol	16.930	266	79053	32.650	ng/ul	95
72) Phenanthrene	17.324	178	586497	34.196	ng/ul	98
74) Anthracene	17.412	178	580250	33.700	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.334	216	167773	37.062	ng/uL	97
76) Pentachlorobenzene	14.856	250	173030	34.953	ng/uL	94
77) Carbazole	17.682	167	540357	36.204	ng/ul	99
78) Di-n-butylphthalate	18.235	149	679496	35.828	ng/ul	99
80) Fluoranthene	19.333	202	688415	35.378	ng/ul	98
82) Pyrene	19.698	202	682926	34.637	ng/ul	99
83) Butylbenzylphthalate	20.579	149	294763	37.966	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.431	252	240155	37.409	ng/ul	98
85) Benzo(a)anthracene	21.513	228	685978	35.488	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.413	149	418864	37.931	ng/ul	100
87) Chrysene	21.578	228	638891	34.845	ng/ul	97
89) Di-n-octyl phthalate	22.582	149	738167	38.797	ng/ul	100
90) Benzo(b)fluoranthene	23.669	252	721067	34.851	ng/ul	99
91) Benzo(k)fluoranthene	23.734	252	687399	33.312	ng/ul	99
93) Benzo(a)pyrene	24.521	252	634519	34.480	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.246	276	853109	35.186	ng/ul	98
95) Dibenzo(a,h)anthracene	28.305	278	710093	35.715	ng/ul	99
96) Benzo(g,h,i)perylene	29.369	276	699650	35.418	ng/ul	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

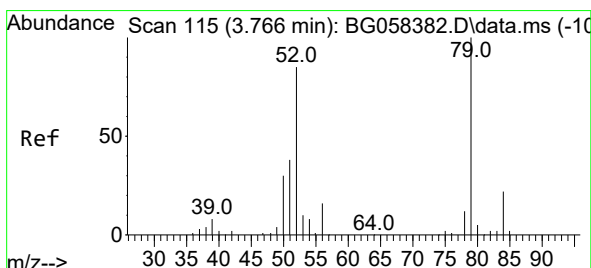
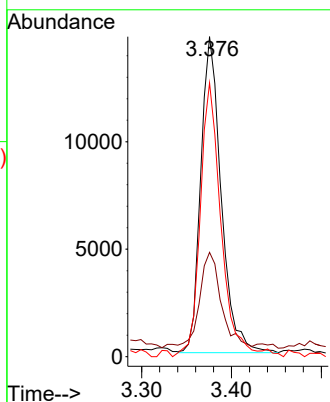
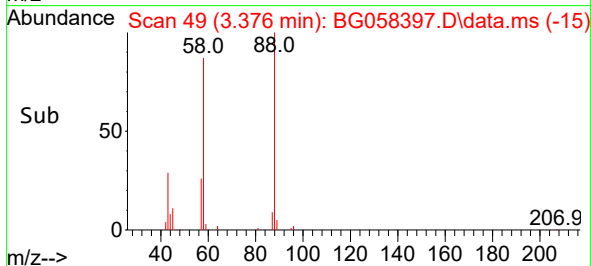


#2
1,4-Dioxane
Concen: 13.158 ng/uL
RT: 3.376 min Scan# 49
Delta R.T. 0.001 min
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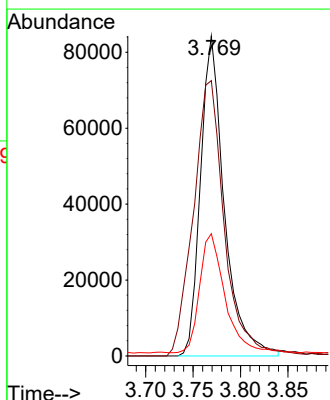
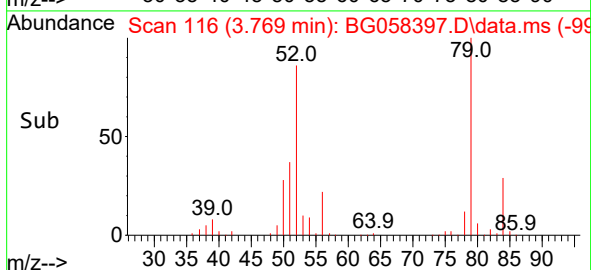
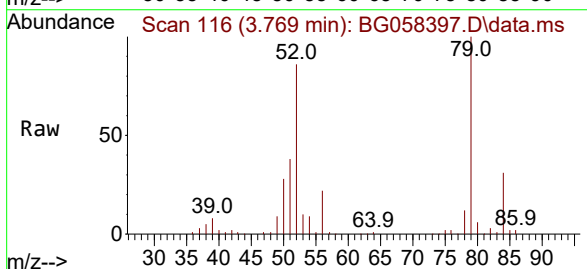


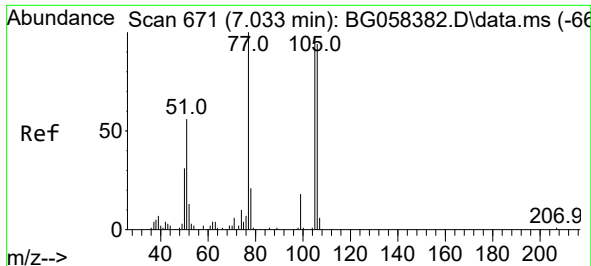
Tgt Ion: 88 Resp: 23273
Ion Ratio Lower Upper
88 100
43 32.6 19.6 29.4#
58 85.6 70.2 105.4



#5
Pyridine
Concen: 30.149 ng/uL
RT: 3.769 min Scan# 116
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

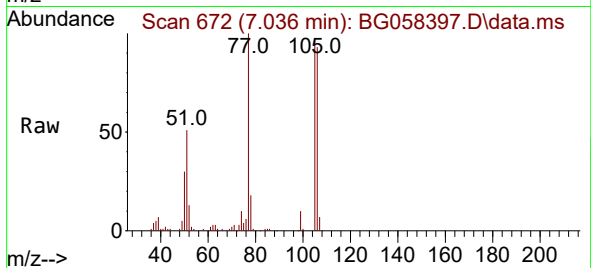
Tgt Ion: 79 Resp: 147362
Ion Ratio Lower Upper
79 100
52 86.0 72.3 108.5
51 38.2 33.4 50.0



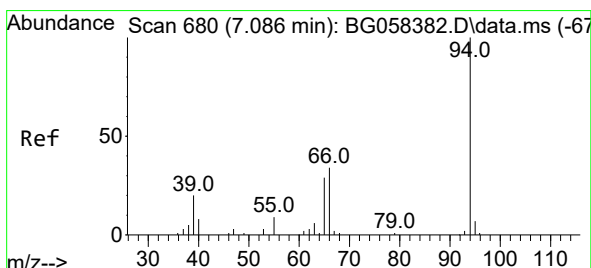
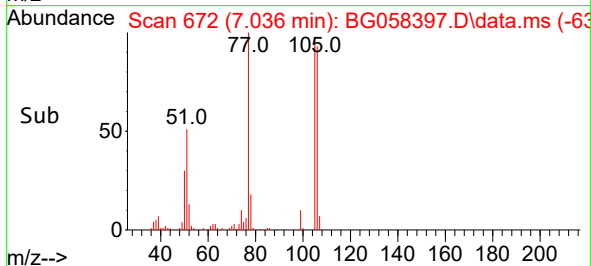
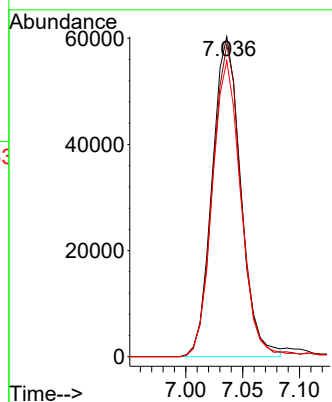


#6
Benzaldehyde
Concen: 47.783 ng/ul
RT: 7.036 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Instrument :
BNA_G
ClientSampleId :

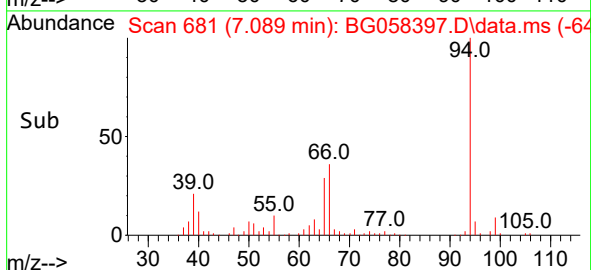
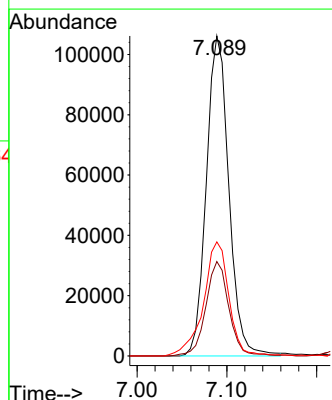
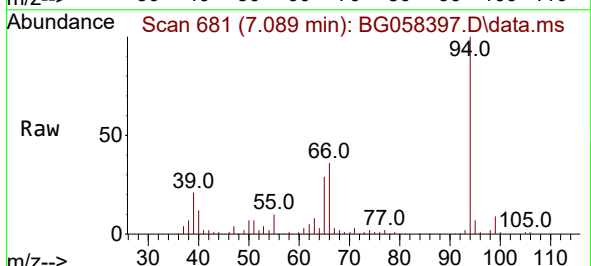


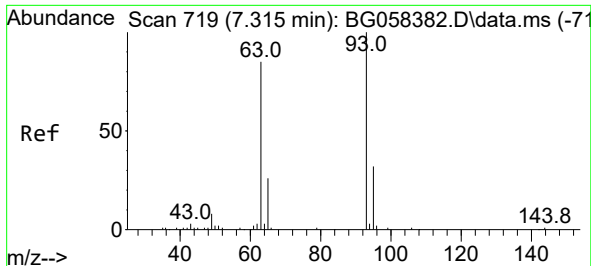
Tgt Ion: 77 Resp: 105062
Ion Ratio Lower Upper
77 100
105 97.4 78.2 117.4
106 92.5 71.6 107.4



#8
Phenol
Concen: 32.664 ng/ul
RT: 7.089 min Scan# 681
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion: 94 Resp: 184681
Ion Ratio Lower Upper
94 100
65 29.5 23.8 35.8
66 35.6 31.2 46.8

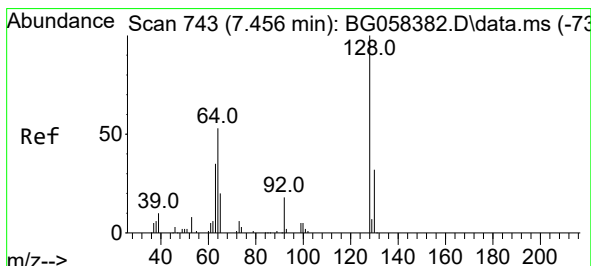
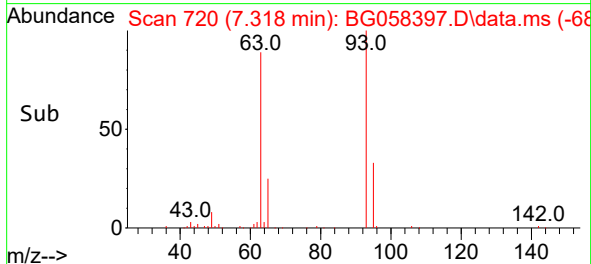
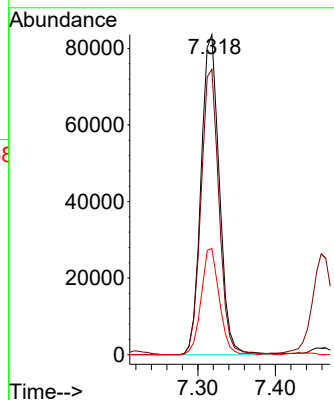
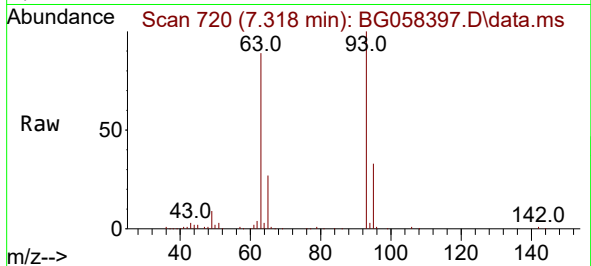




#10
Bis(2-Chloroethyl)ether
Concen: 31.580 ng/ul
RT: 7.318 min Scan# 719
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

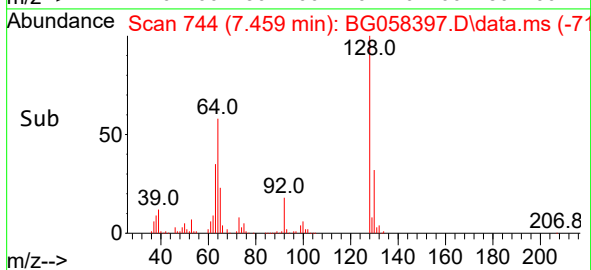
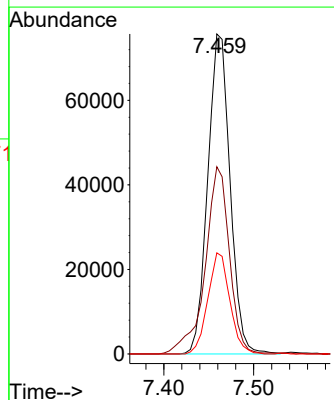
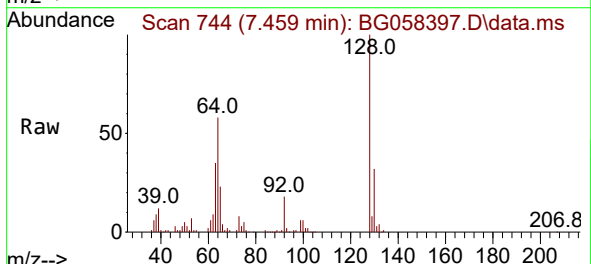
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ClientSampleId :

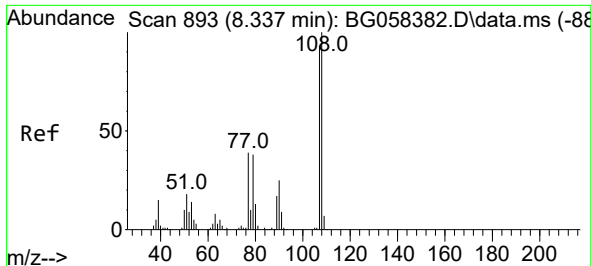
Tgt Ion: 93 Resp: 136783
Ion Ratio Lower Upper
93 100
63 89.2 67.7 101.5
95 33.2 27.0 40.6



#12
2-Chlorophenol
Concen: 32.777 ng/ul
RT: 7.459 min Scan# 744
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:128 Resp: 130754
Ion Ratio Lower Upper
128 100
64 58.5 45.6 68.4
130 31.6 25.2 37.8

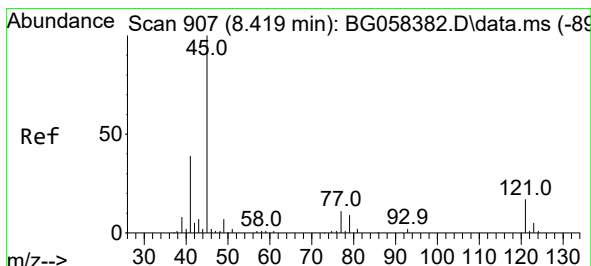
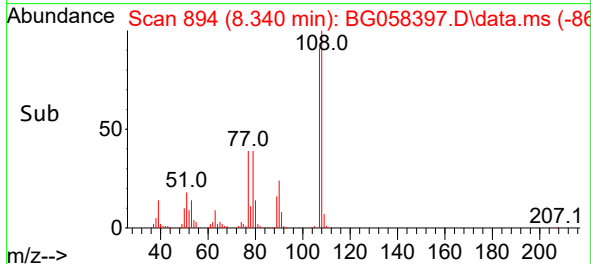
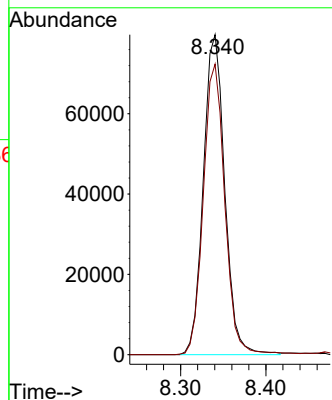
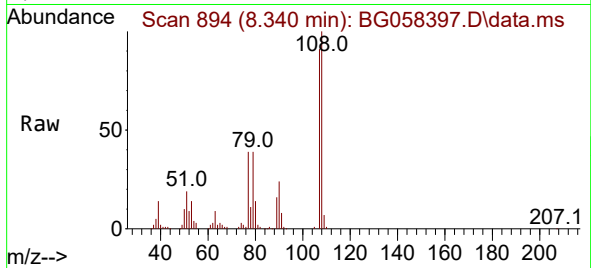




#13
2-Methylphenol
Concen: 31.531 ng/ul
RT: 8.340 min Scan# 893
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

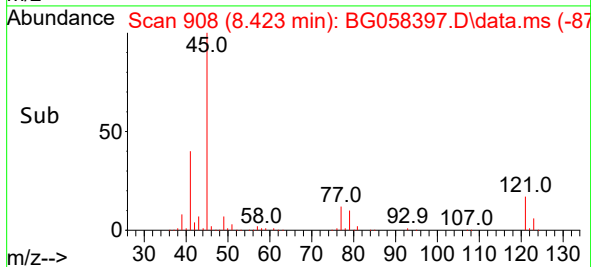
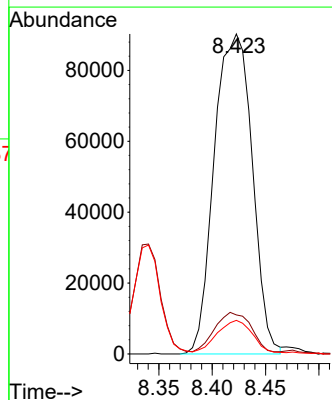
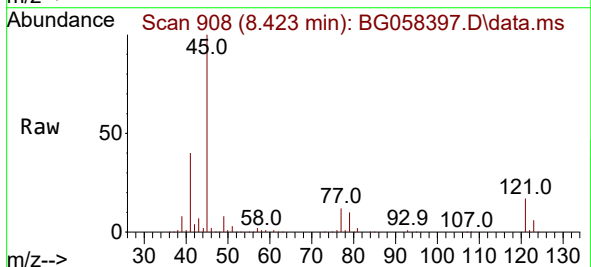
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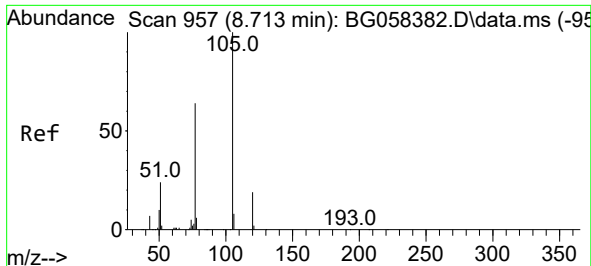
Tgt Ion:108 Resp: 138947
Ion Ratio Lower Upper
108 100
107 90.8 71.5 107.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 31.485 ng/ul
RT: 8.423 min Scan# 908
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion: 45 Resp: 223481
Ion Ratio Lower Upper
45 100
77 12.2 9.4 14.2
79 10.5 7.4 11.2

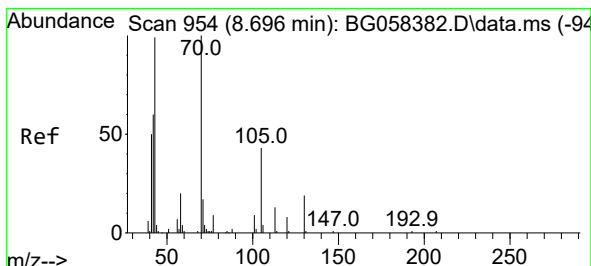
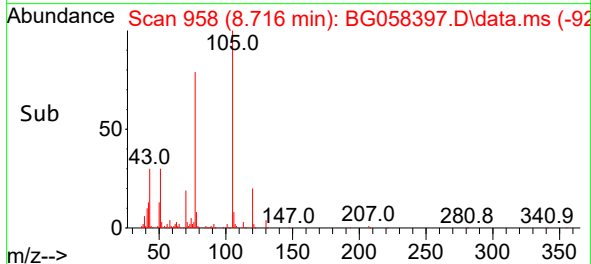
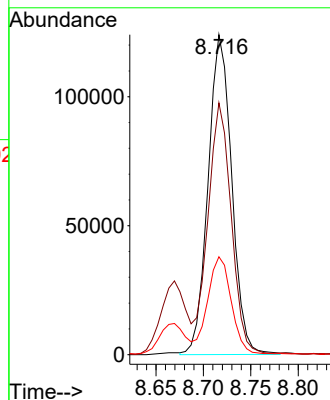
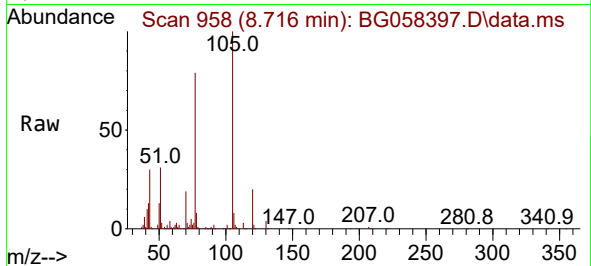




#16
Acetophenone
Concen: 30.343 ng/ul
RT: 8.716 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

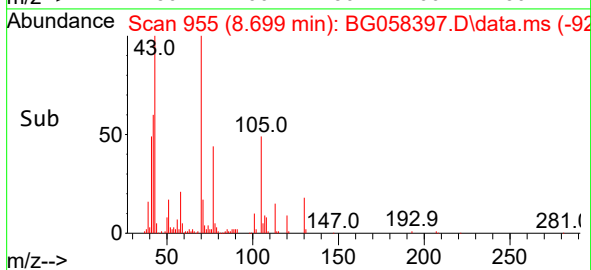
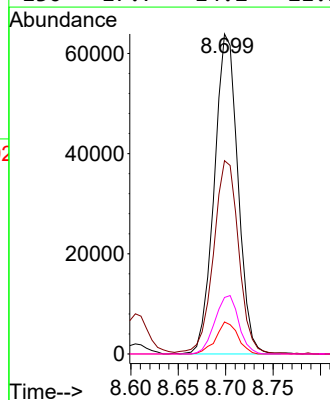
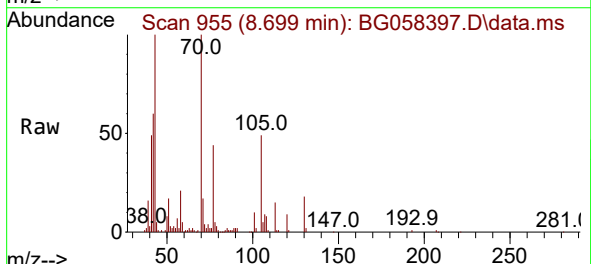
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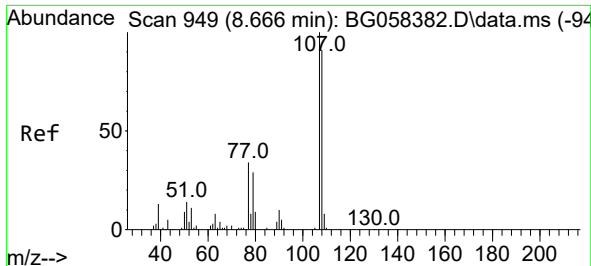
Tgt Ion:105 Resp: 214594
Ion Ratio Lower Upper
105 100
77 78.7 60.7 91.1
51 30.6 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 28.626 ng/ul
RT: 8.699 min Scan# 955
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion: 70 Resp: 110802
Ion Ratio Lower Upper
70 100
42 60.4 46.6 69.8
101 10.0 7.3 10.9
130 17.7 14.2 21.2

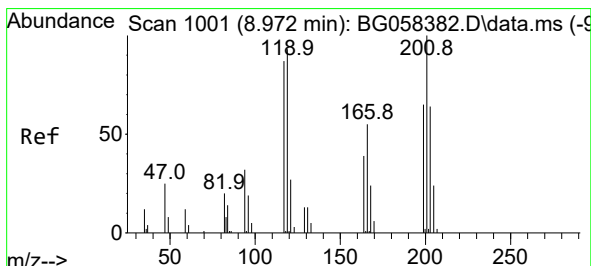
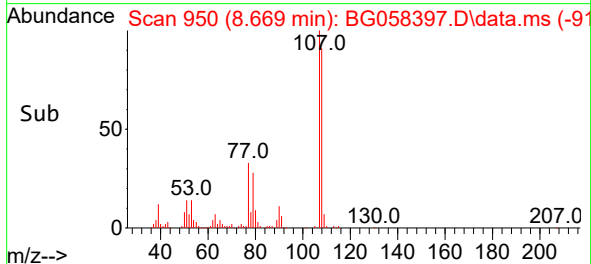
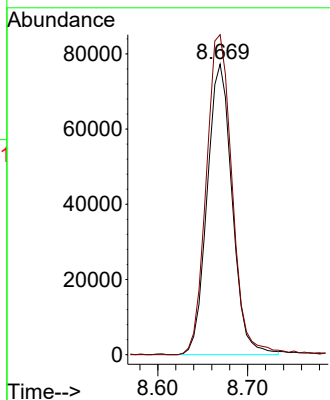
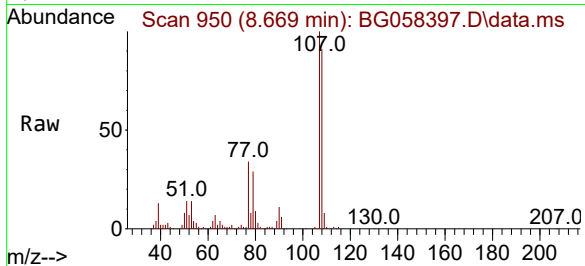




#18
4-Methylphenol
Concen: 31.242 ng/ul
RT: 8.669 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

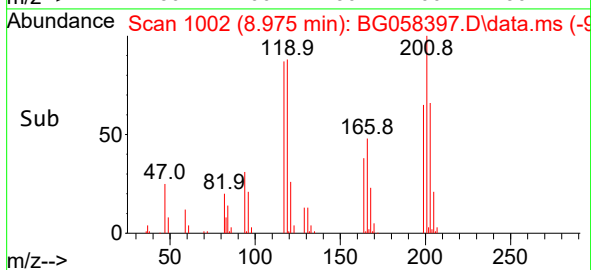
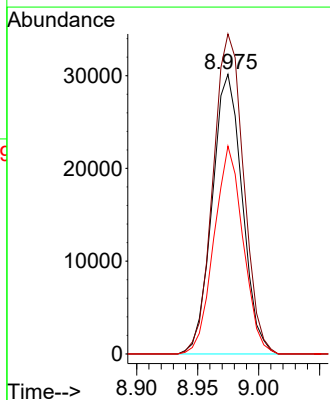
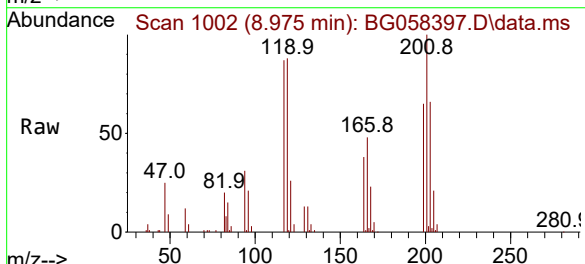
Instrument :
BNA_G
ClientSampleId :

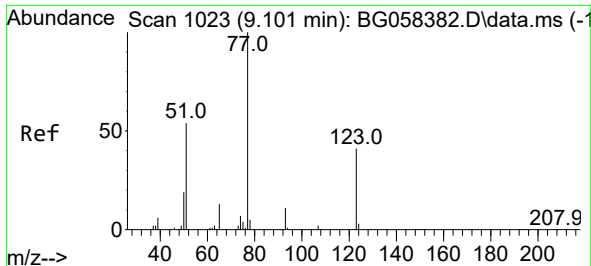
Tgt Ion:108 Resp: 149615
Ion Ratio Lower Upper
108 100
107 110.1 90.6 136.0



#19
Hexachloroethane
Concen: 32.931 ng/ul
RT: 8.975 min Scan# 1002
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

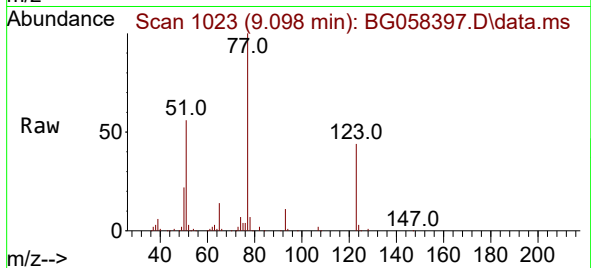
Tgt Ion:117 Resp: 51783
Ion Ratio Lower Upper
117 100
201 114.4 103.6 155.4
199 74.3 60.1 90.1



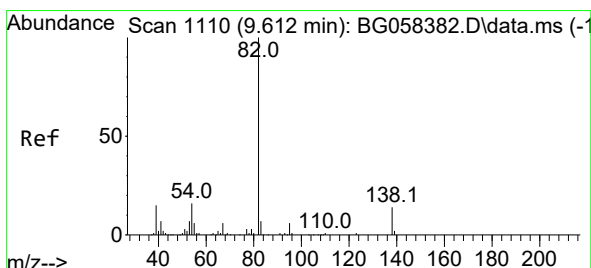
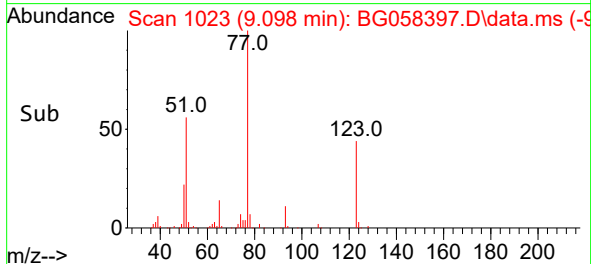
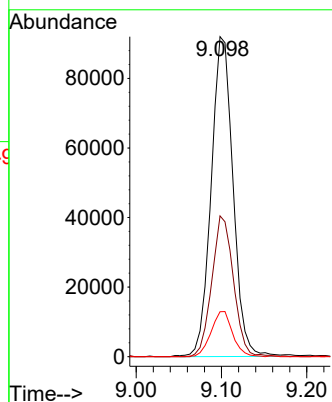


#22
Nitrobenzene
Concen: 33.351 ng/ul
RT: 9.098 min Scan# 1109
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Instrument :
BNA_G
ClientSampleId :

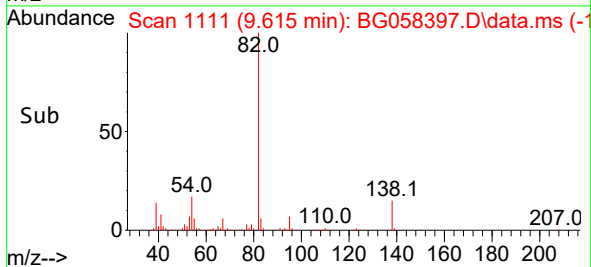
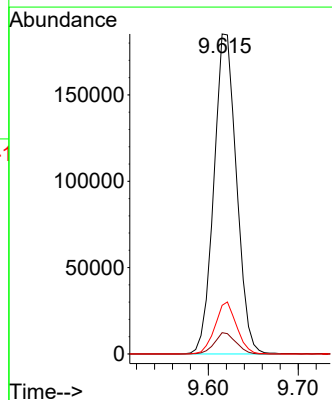
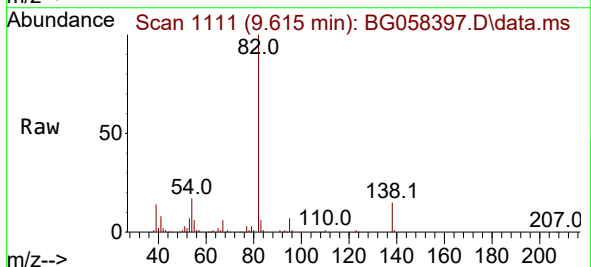


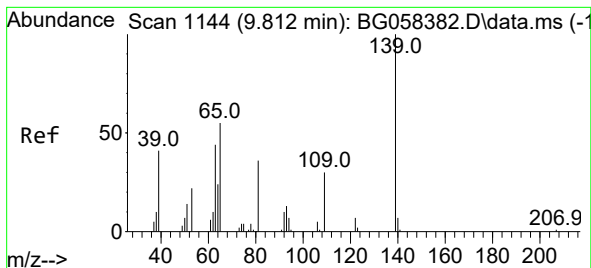
Tgt Ion: 77 Resp: 164097
Ion Ratio Lower Upper
77 100
123 44.0 34.0 51.0
65 14.0 11.0 16.6



#23
Isophorone
Concen: 29.408 ng/ul
RT: 9.615 min Scan# 1111
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion: 82 Resp: 324410
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.2 11.9 17.9

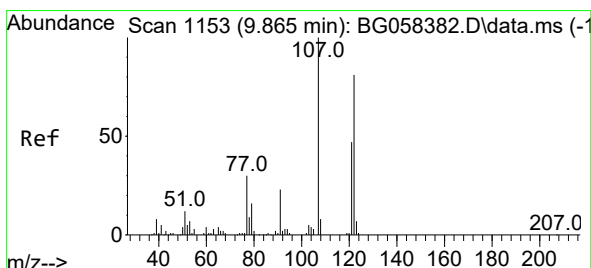
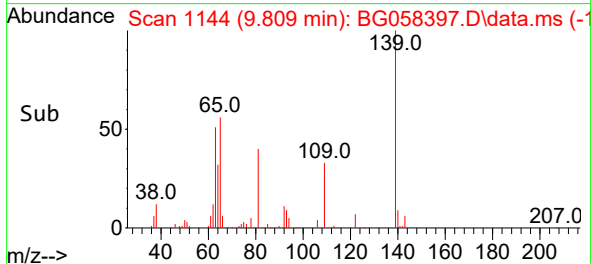
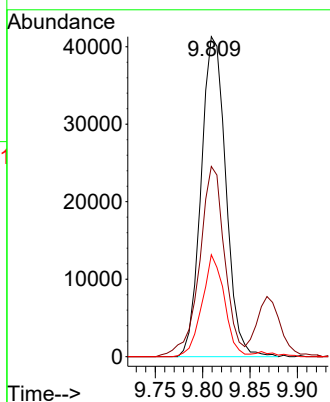
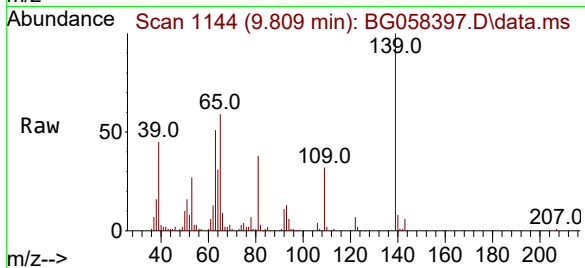




#25
2-Nitrophenol
Concen: 34.783 ng/ul
RT: 9.809 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

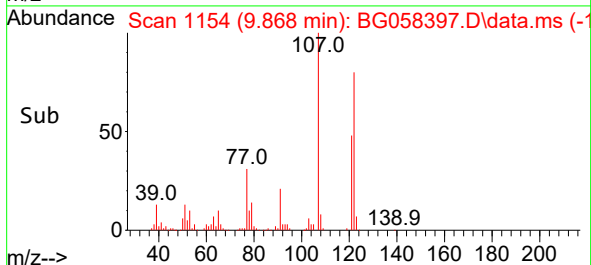
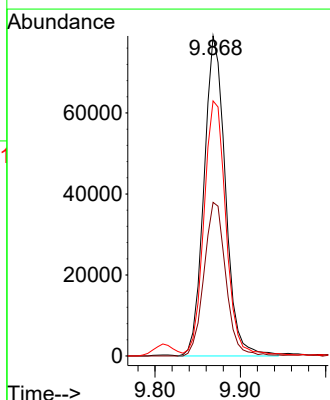
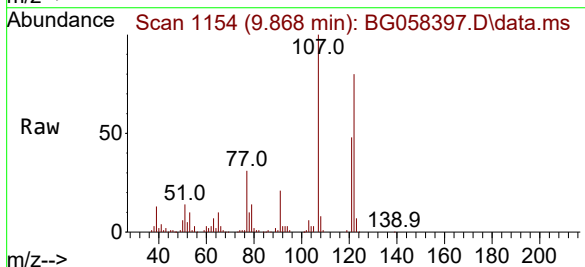
Instrument :
BNA_G
ClientSampleId :

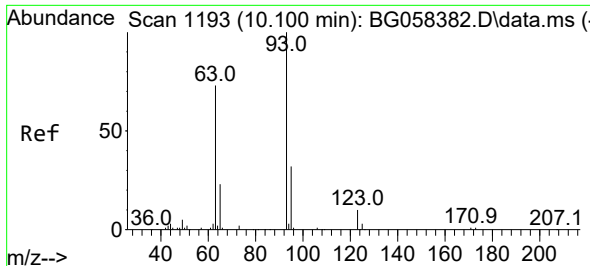
Tgt Ion:139 Resp: 74836
Ion Ratio Lower Upper
139 100
65 59.5 49.2 73.8
109 31.8 21.6 32.4



#26
2,4-Dimethylphenol
Concen: 28.757 ng/ul
RT: 9.868 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

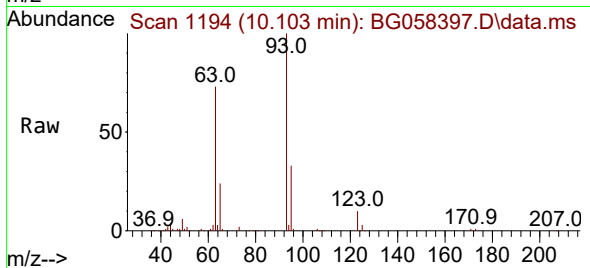
Tgt Ion:107 Resp: 137956
Ion Ratio Lower Upper
107 100
121 48.0 39.1 58.7
122 79.7 68.9 103.3



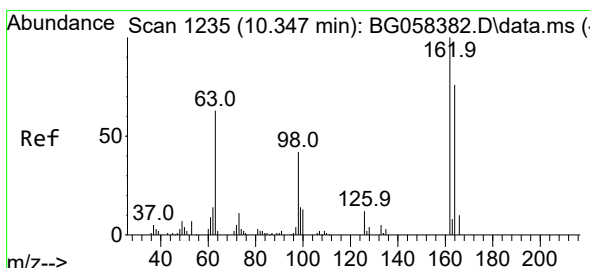
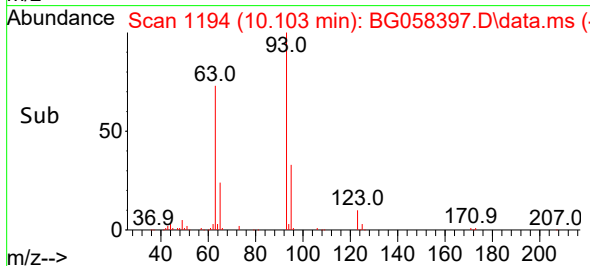
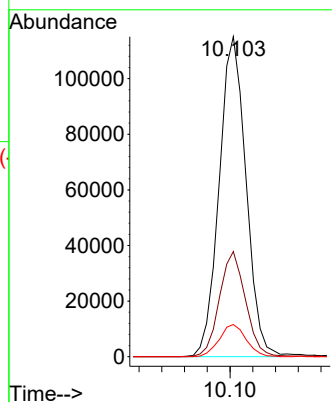


#27
 Bis(2-Chloroethoxy)methane
 Concen: 32.233 ng/ul
 RT: 10.103 min Scan# 1194
 Delta R.T. -0.005 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :

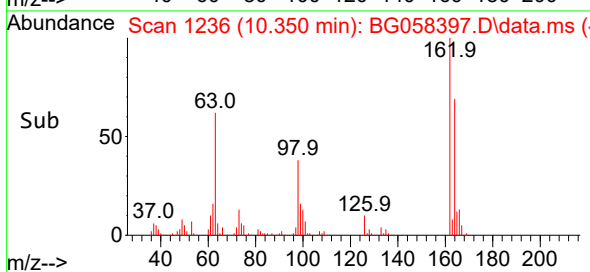
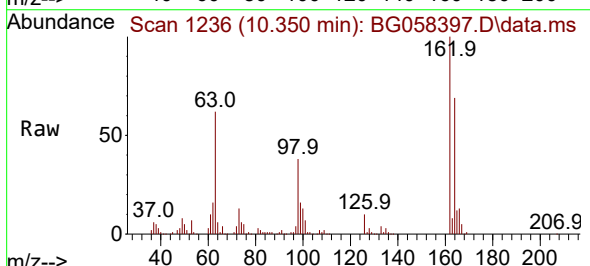
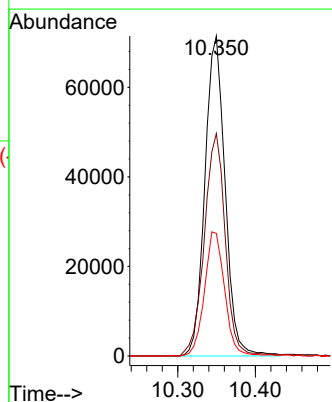


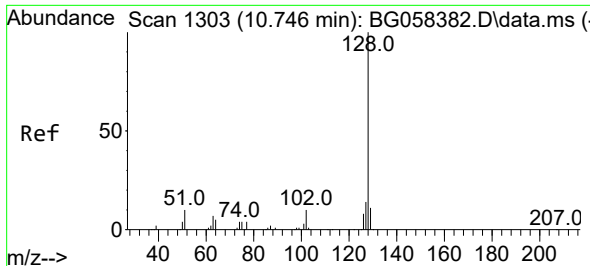
Tgt Ion: 93 Resp: 188311
 Ion Ratio Lower Upper
 93 100
 95 32.8 25.8 38.8
 123 10.1 9.3 13.9



#29
 2,4-Dichlorophenol
 Concen: 35.277 ng/ul
 RT: 10.350 min Scan# 1236
 Delta R.T. 0.001 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

Tgt Ion:162 Resp: 129285
 Ion Ratio Lower Upper
 162 100
 164 69.5 58.4 87.6
 98 38.3 29.6 44.4

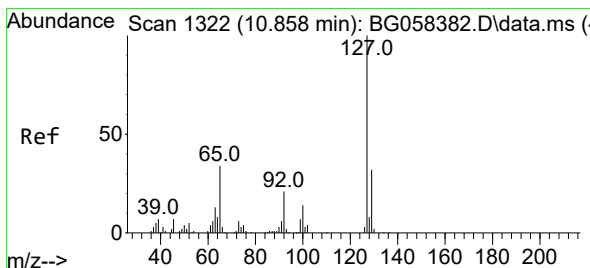
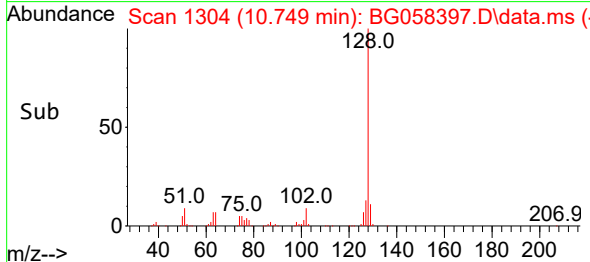
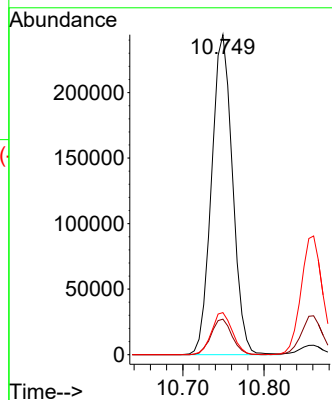
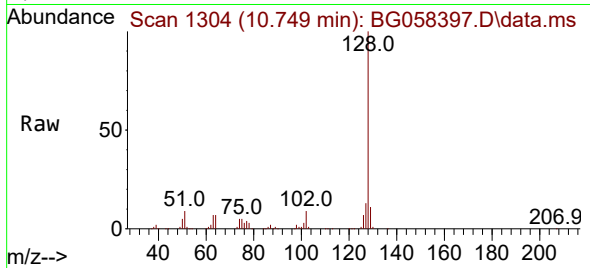




#30
Naphthalene
Concen: 33.325 ng/ul
RT: 10.749 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

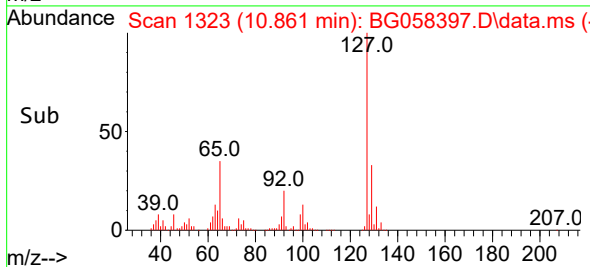
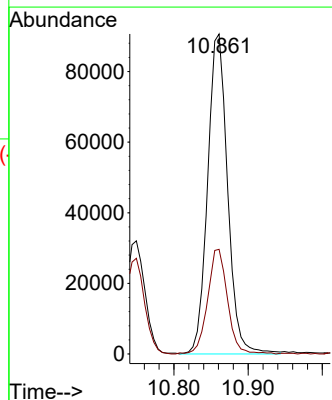
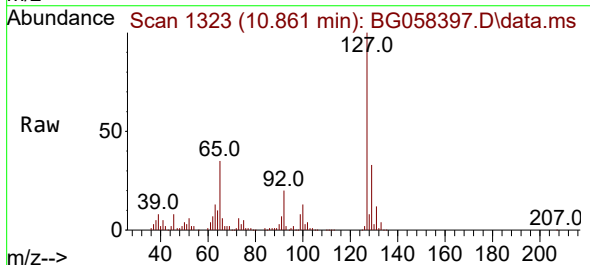
Instrument :
BNA_G
ClientSampleId :

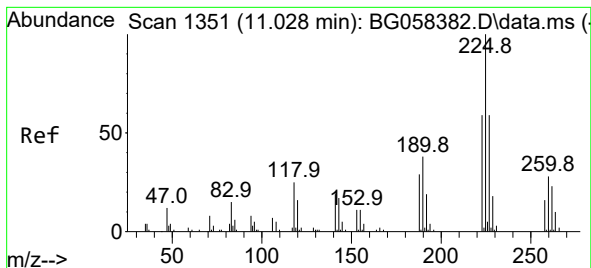
Tgt Ion:128 Resp: 438460
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 13.1 10.8 16.2



#32
4-Chloroaniline
Concen: 29.681 ng/ul
RT: 10.861 min Scan# 1323
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:127 Resp: 169809
Ion Ratio Lower Upper
127 100
129 32.7 26.1 39.1

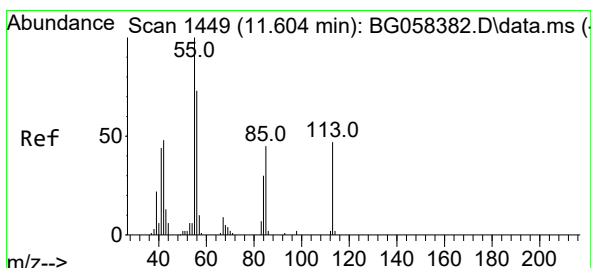
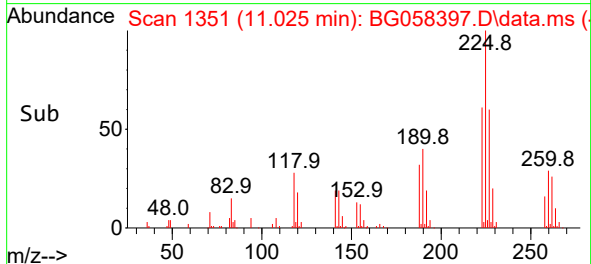
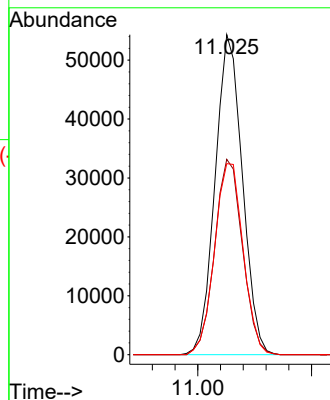
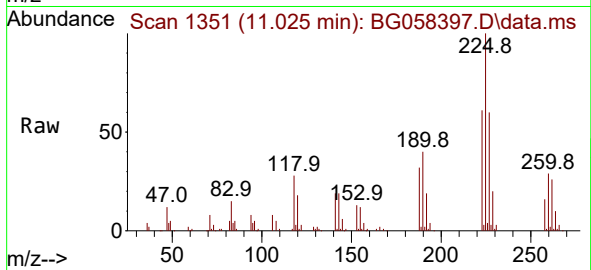




#33
Hexachlorobutadiene
Concen: 34.529 ng/ul
RT: 11.025 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

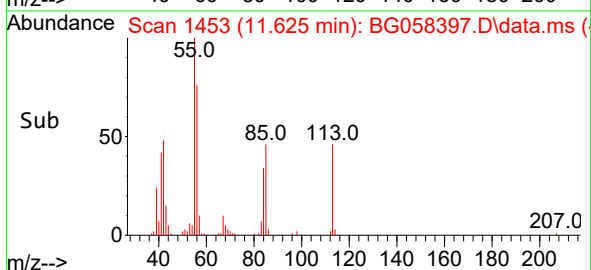
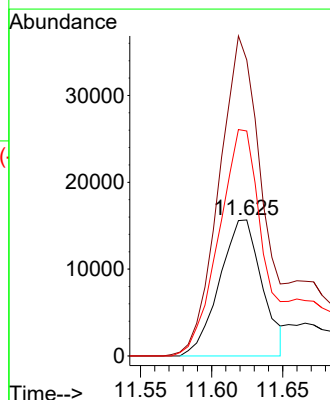
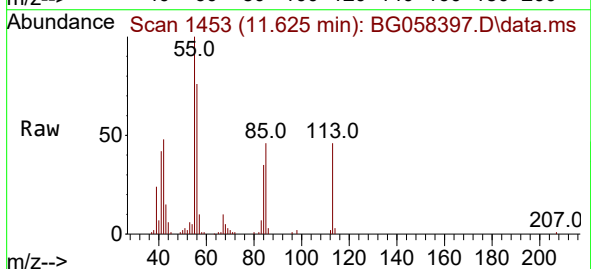
Instrument :
BNA_G
ClientSampleId :

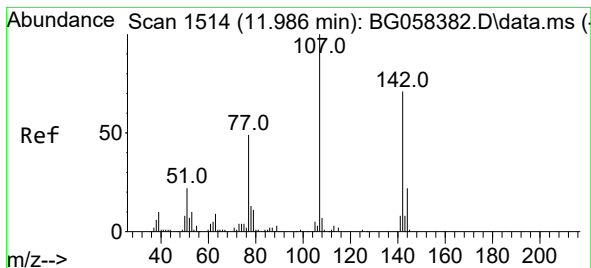
Tgt Ion:225 Resp: 90487
Ion Ratio Lower Upper
225 100
223 61.1 49.7 74.5
227 59.7 53.2 79.8



#34
Caprolactam
Concen: 21.417 ng/ul
RT: 11.625 min Scan# 1453
Delta R.T. -0.011 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:113 Resp: 32601
Ion Ratio Lower Upper
113 100
55 217.8 179.8 269.6
56 165.4 132.2 198.4

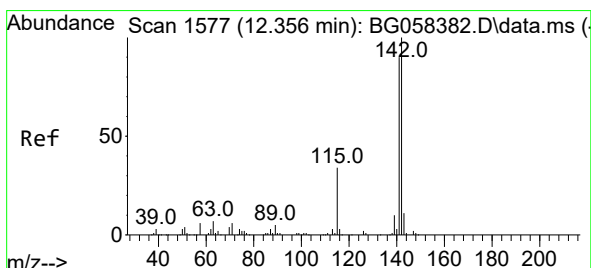
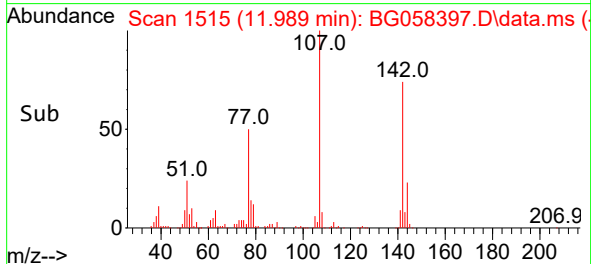
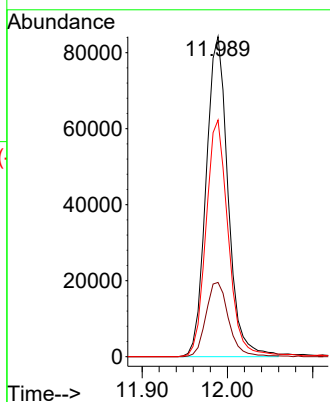
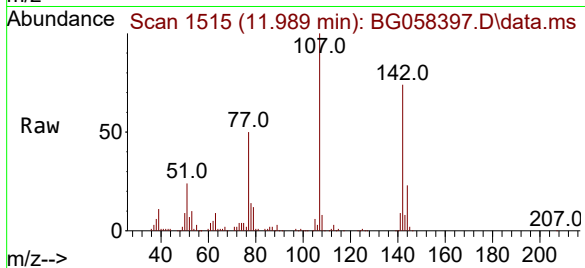




#35
4-Chloro-3-methylphenol
Concen: 32.322 ng/ul
RT: 11.989 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

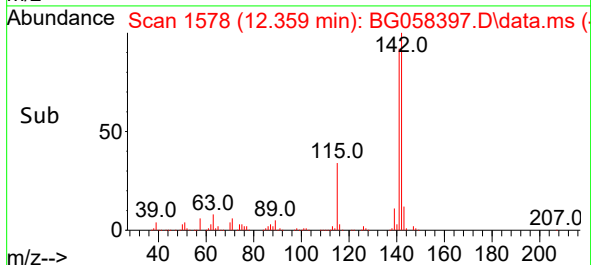
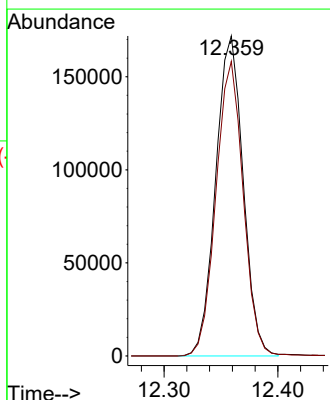
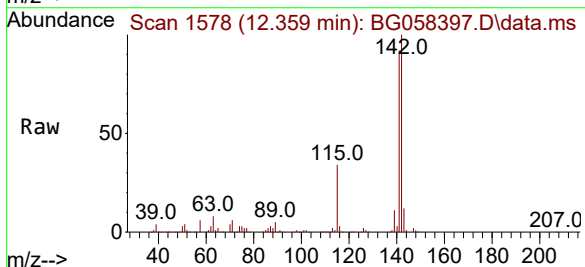
Instrument :
BNA_G
ClientSampleId :

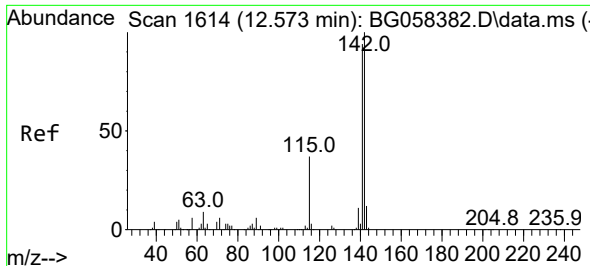
Tgt Ion:107 Resp: 150750
Ion Ratio Lower Upper
107 100
144 23.2 19.0 28.6
142 74.0 55.8 83.6



#36
2-Methylnaphthalene
Concen: 32.667 ng/ul
RT: 12.359 min Scan# 1578
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:142 Resp: 287960
Ion Ratio Lower Upper
142 100
141 92.1 72.6 108.8

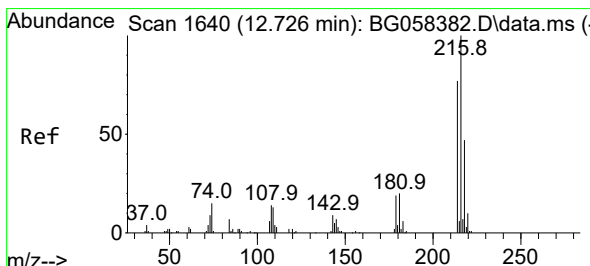
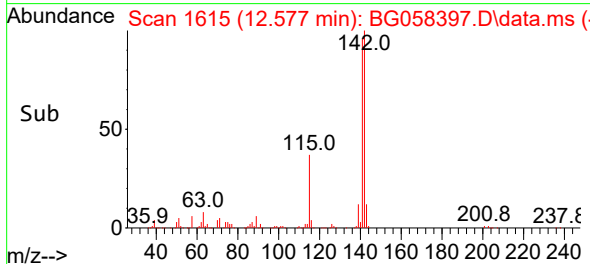
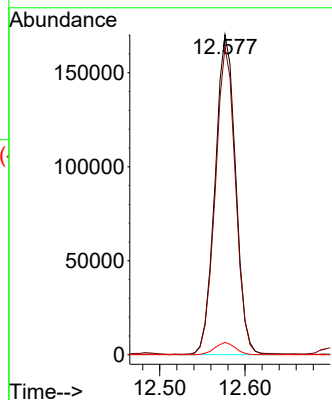
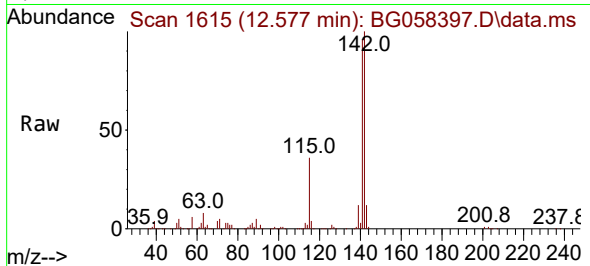




#37
1-Methylnaphthalene
Concen: 31.687 ng/ul
RT: 12.577 min Scan# 1615
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

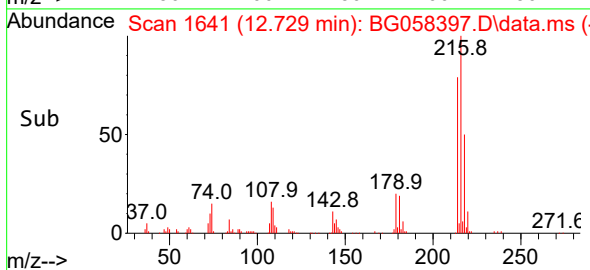
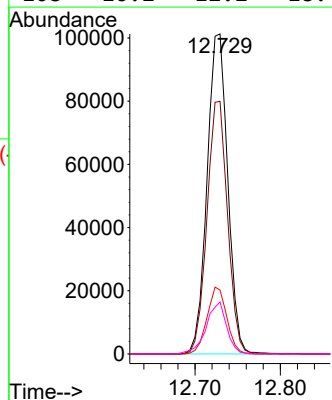
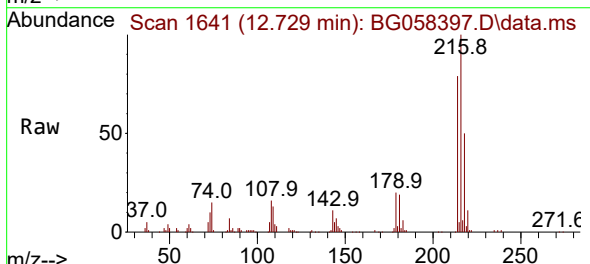
Instrument :
BNA_G
ClientSampleId :

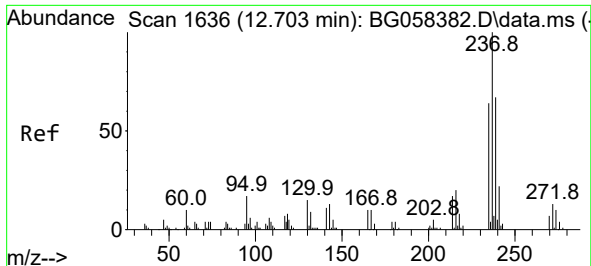
Tgt Ion:142 Resp: 286276
Ion Ratio Lower Upper
142 100
141 96.1 75.8 113.6
116 3.9 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 36.288 ng/ul
RT: 12.729 min Scan# 1641
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

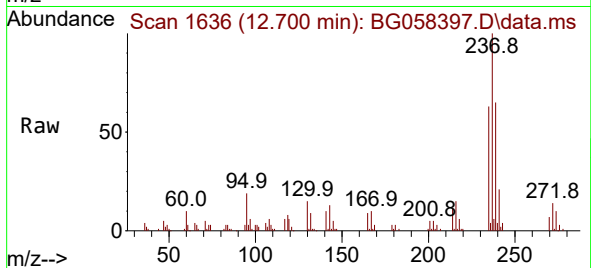
Tgt Ion:216 Resp: 170590
Ion Ratio Lower Upper
216 100
214 78.9 62.2 93.4
179 20.0 16.2 24.2
108 16.2 12.2 18.4



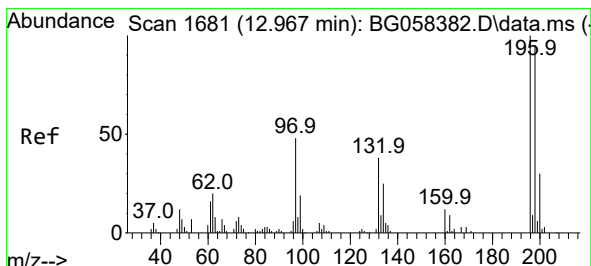
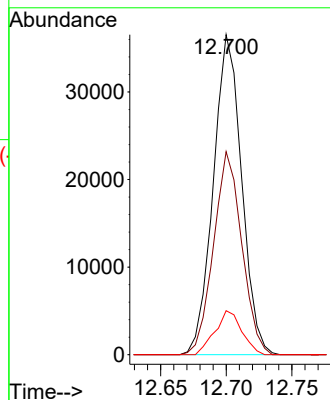
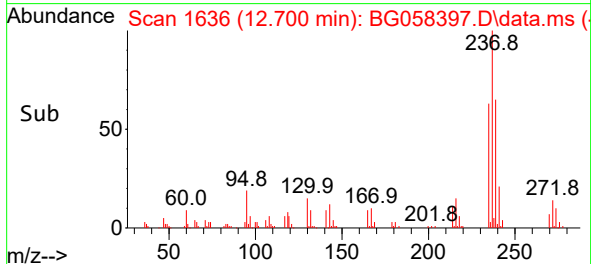


#40
Hexachlorocyclopentadiene
Concen: 21.678 ng/ul
RT: 12.700 min Scan# 1636
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

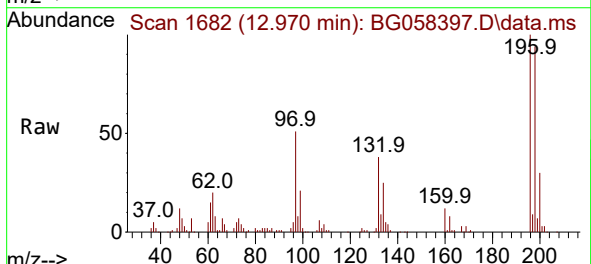
Instrument :
BNA_G
ClientSampleId :



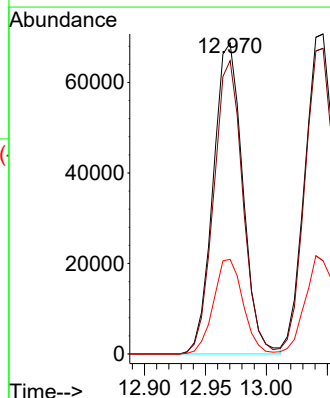
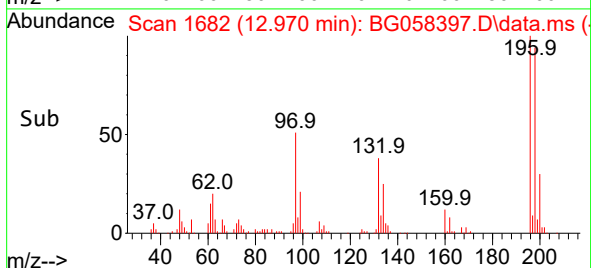
Tgt Ion:237 Resp: 54810
Ion Ratio Lower Upper
237 100
235 63.5 50.9 76.3
272 14.7 10.8 16.2

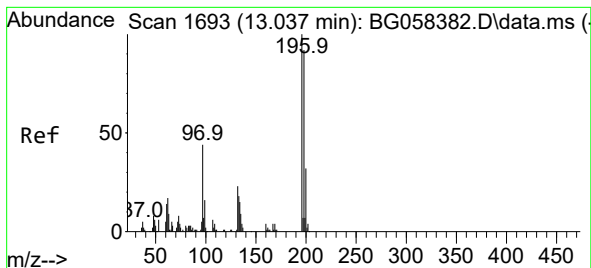


#41
2,4,6-Trichlorophenol
Concen: 36.473 ng/ul
RT: 12.970 min Scan# 1682
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32



Tgt Ion:196 Resp: 116069
Ion Ratio Lower Upper
196 100
198 94.3 77.7 116.5
200 30.4 25.0 37.6





#42

2,4,5-Trichlorophenol

Concen: 35.402 ng/ul

RT: 13.047 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

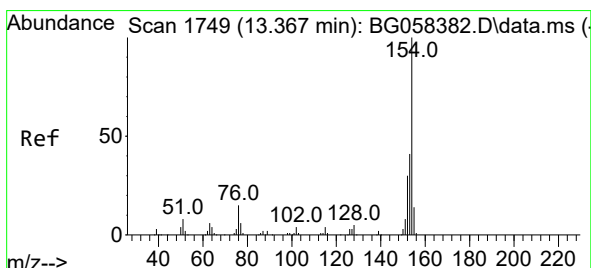
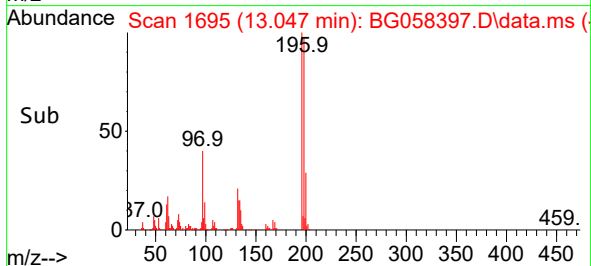
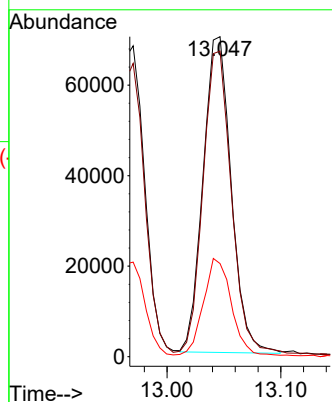
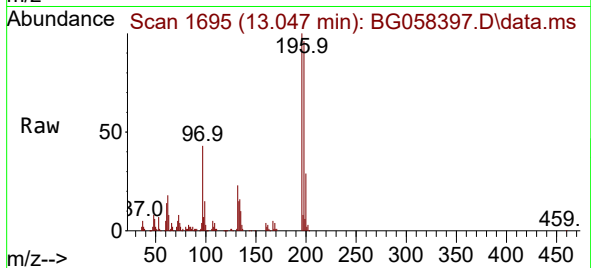
Tgt Ion:196 Resp: 120135

Ion Ratio Lower Upper

196 100

198 95.5 74.8 112.2

200 29.1 24.4 36.6



#43

1,1'-Biphenyl

Concen: 34.161 ng/ul

RT: 13.364 min Scan# 1749

Delta R.T. -0.005 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

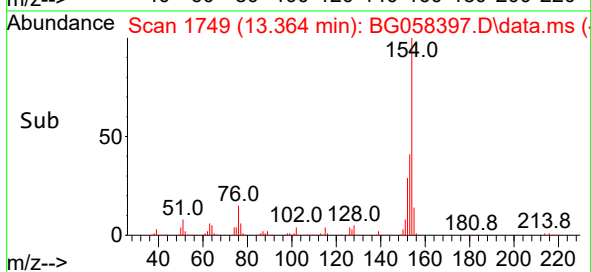
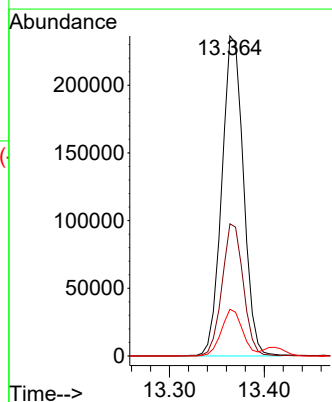
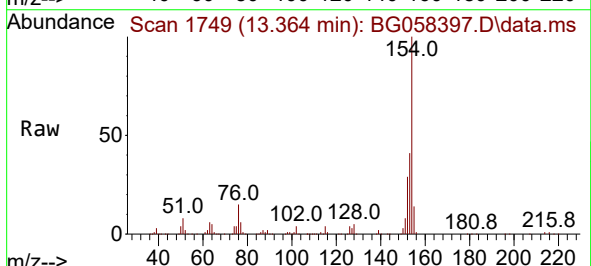
Tgt Ion:154 Resp: 375122

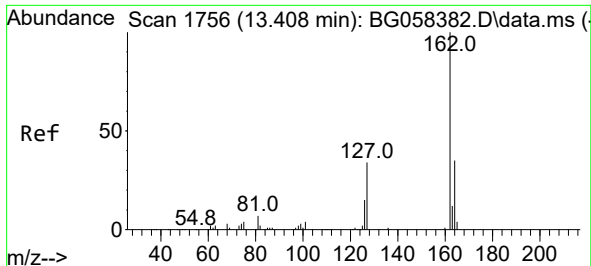
Ion Ratio Lower Upper

154 100

153 41.3 31.8 47.6

76 14.6 11.7 17.5

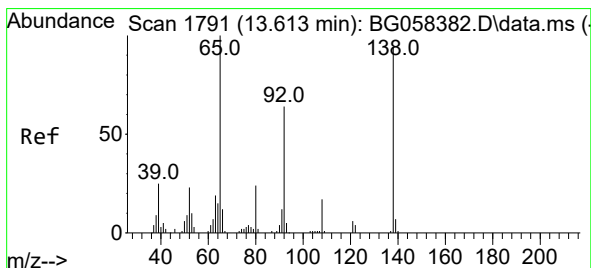
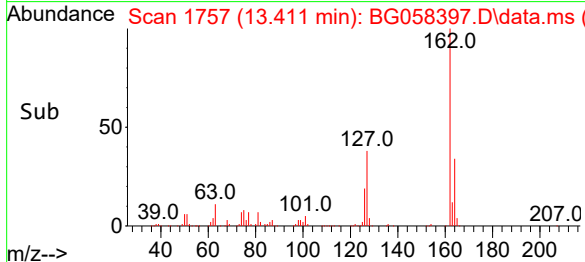
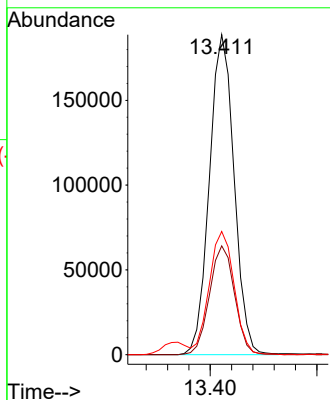
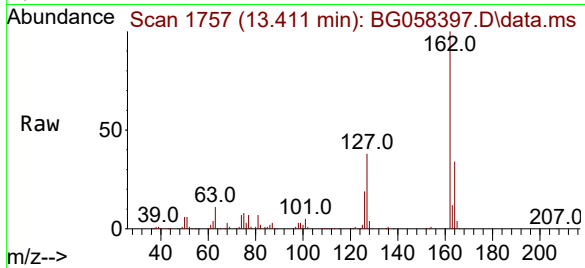




#44
2-Chloronaphthalene
Concen: 34.788 ng/ul
RT: 13.411 min Scan# 1757
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

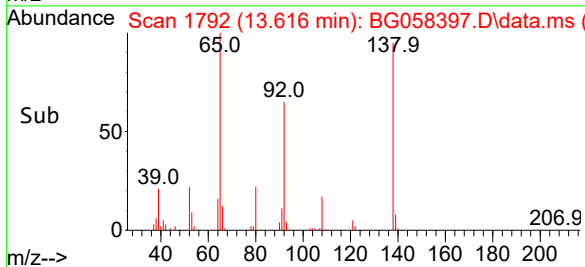
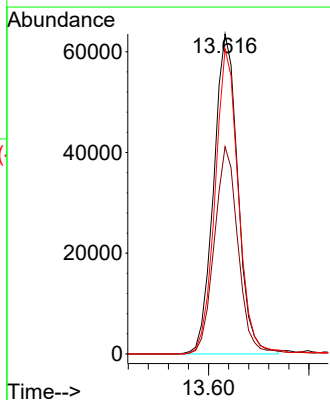
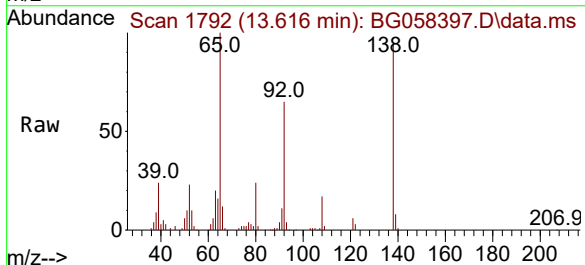
Instrument :
BNA_G
ClientSampleId :

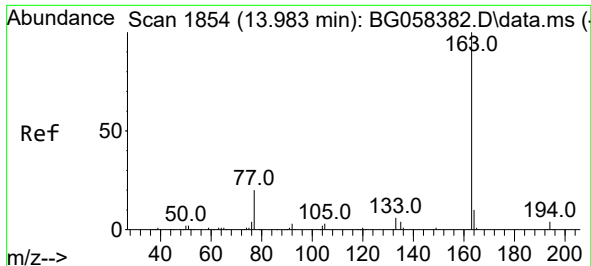
Tgt Ion:162 Resp: 303733
Ion Ratio Lower Upper
162 100
164 34.0 26.2 39.2
127 38.5 29.8 44.6



#45
2-Nitroaniline
Concen: 34.915 ng/ul
RT: 13.616 min Scan# 1792
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion: 65 Resp: 105889
Ion Ratio Lower Upper
65 100
92 64.8 51.4 77.2
138 95.3 71.6 107.4

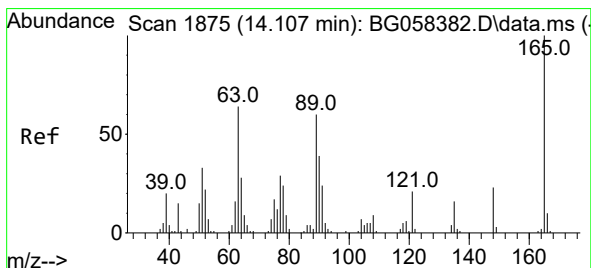
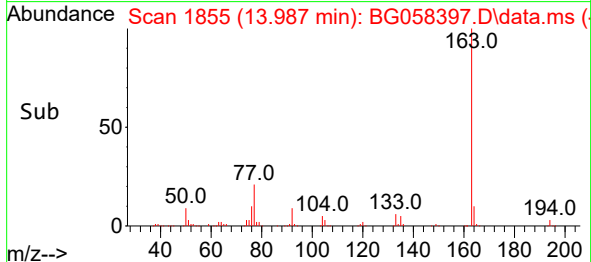
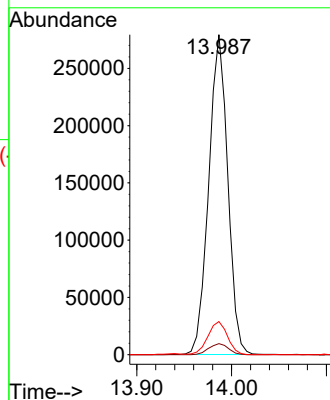
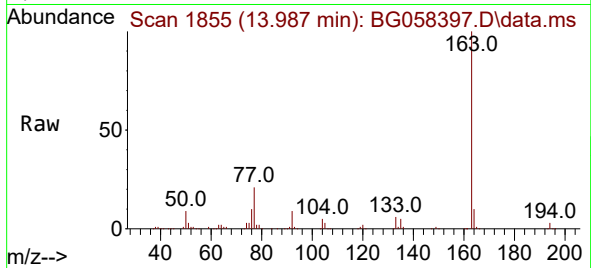




#47
Dimethylphthalate
Concen: 30.874 ng/ul
RT: 13.987 min Scan# 1855
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

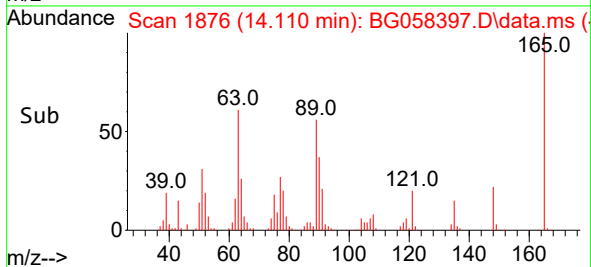
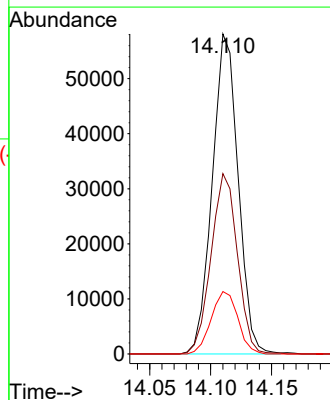
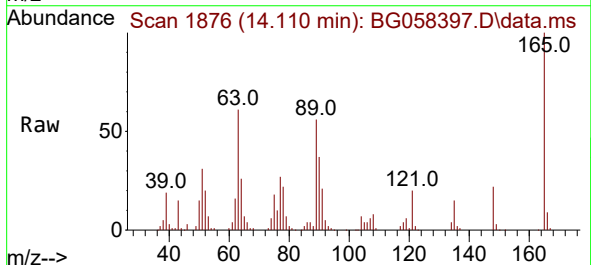
Instrument :
BNA_G
ClientSampleId :

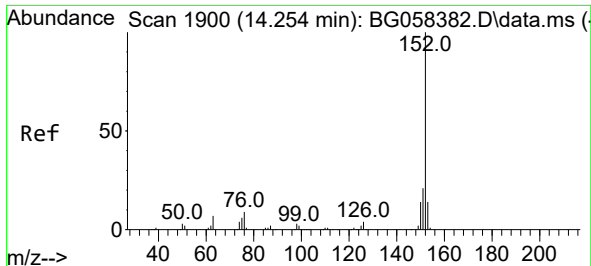
Tgt Ion:163 Resp: 388340
Ion Ratio Lower Upper
163 100
194 3.5 2.6 3.8
164 10.4 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 35.286 ng/ul
RT: 14.110 min Scan# 1876
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:165 Resp: 85767
Ion Ratio Lower Upper
165 100
89 56.4 48.9 73.3
121 19.5 16.2 24.4

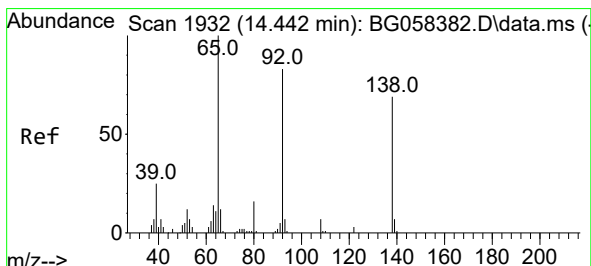
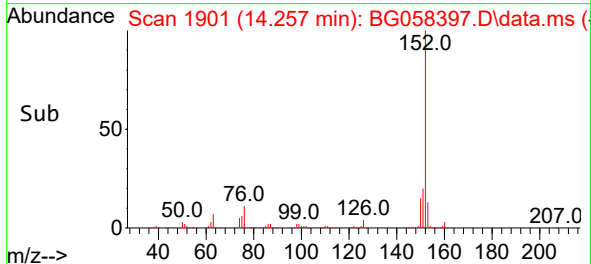
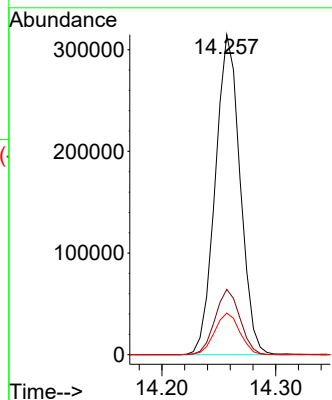
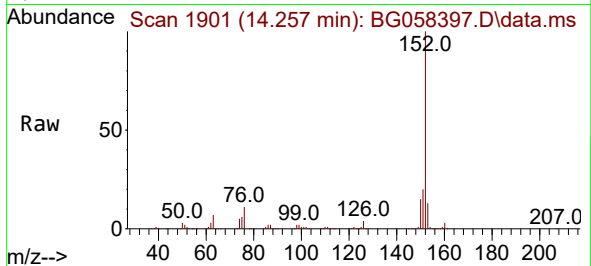




#50
Acenaphthylene
Concen: 33.669 ng/ul
RT: 14.257 min Scan# 1901
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

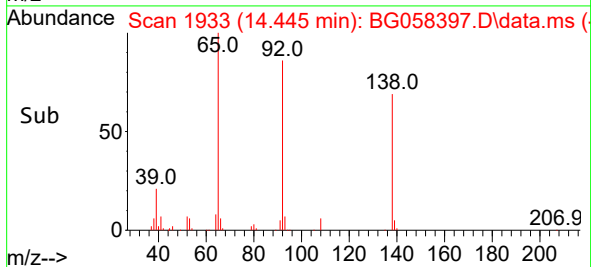
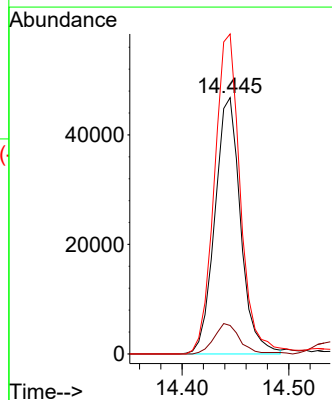
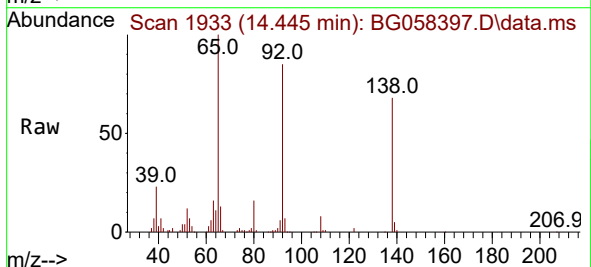
Instrument :
BNA_G
ClientSampleId :

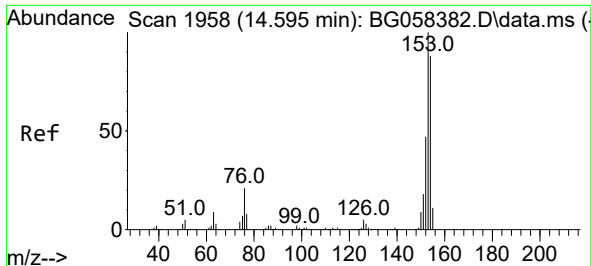
Tgt Ion:152 Resp: 476954
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.0 10.6 16.0



#51
3-Nitroaniline
Concen: 38.728 ng/ul
RT: 14.445 min Scan# 1933
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:138 Resp: 78448
Ion Ratio Lower Upper
138 100
108 11.1 8.6 13.0
92 124.8 108.4 162.6

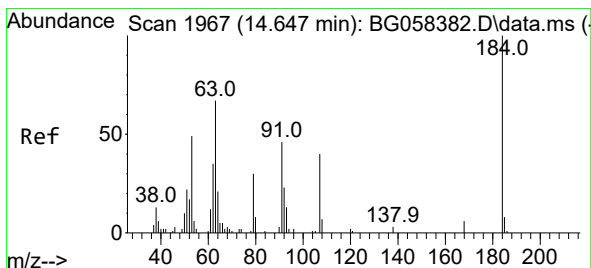
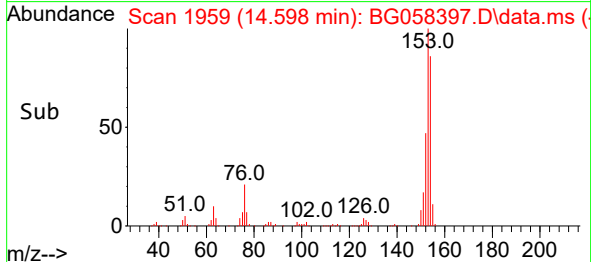
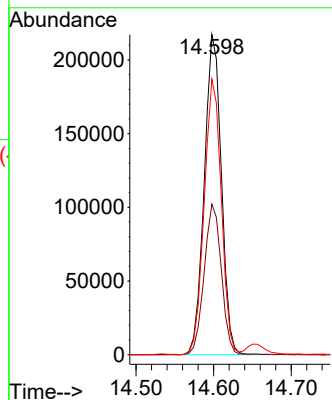
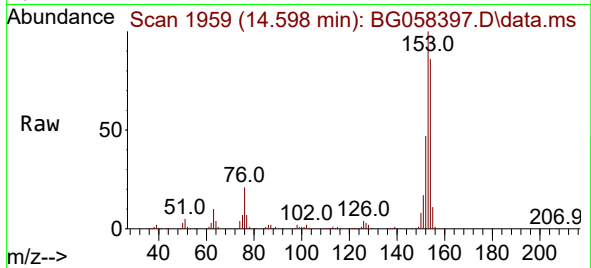




#52
Acenaphthene
Concen: 33.792 ng/ul
RT: 14.598 min Scan# 1958
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

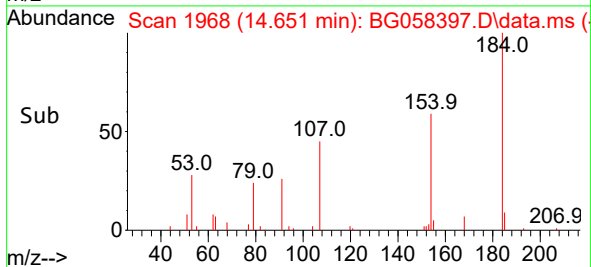
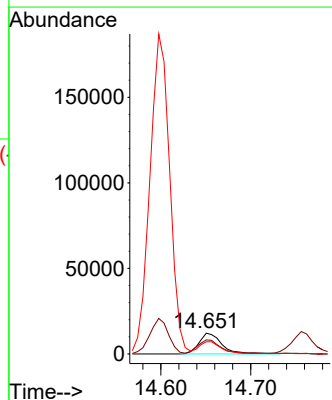
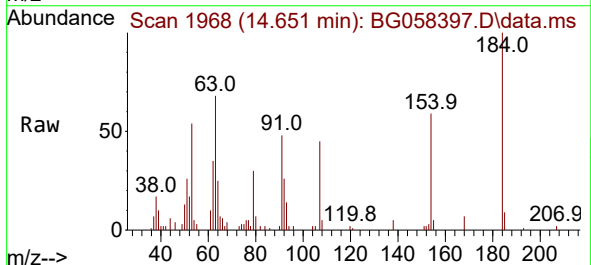
Instrument :
BNA_G
ClientSampleId :

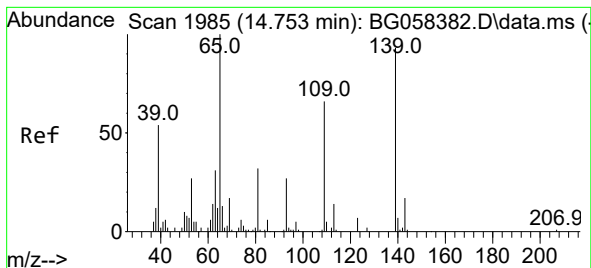
Tgt Ion:153 Resp: 332357
Ion Ratio Lower Upper
153 100
152 47.0 39.1 58.7
154 86.1 68.7 103.1



#53
2,4-Dinitrophenol
Concen: 16.779 ng/ul
RT: 14.651 min Scan# 1968
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:184 Resp: 21706
Ion Ratio Lower Upper
184 100
63 68.1 52.9 79.3
154 58.9 47.8 71.8

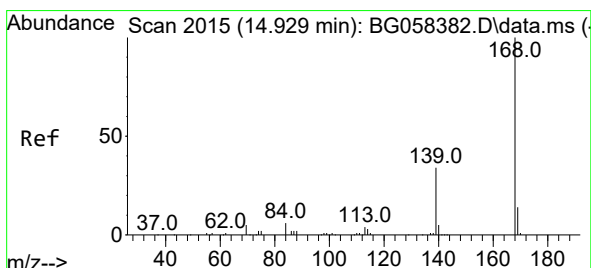
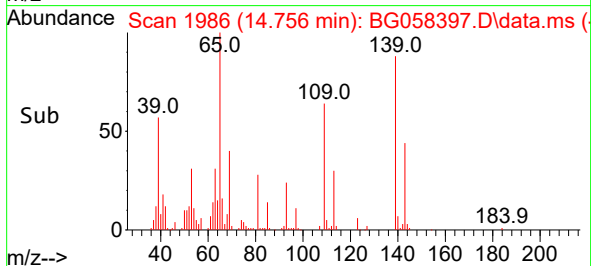
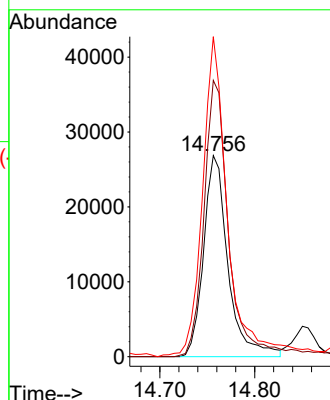
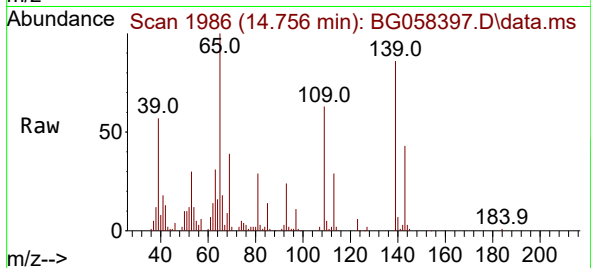




#55
4-Nitrophenol
Concen: 32.986 ng/ul
RT: 14.756 min Scan# 1985
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

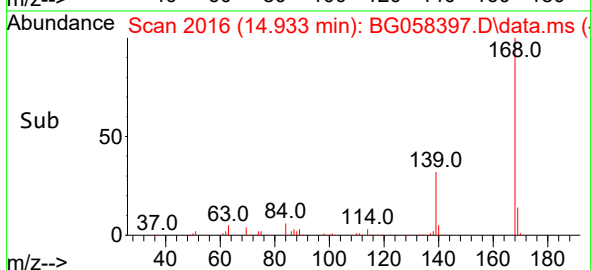
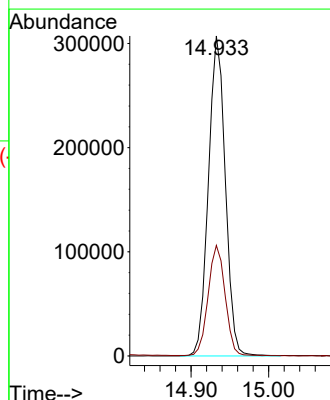
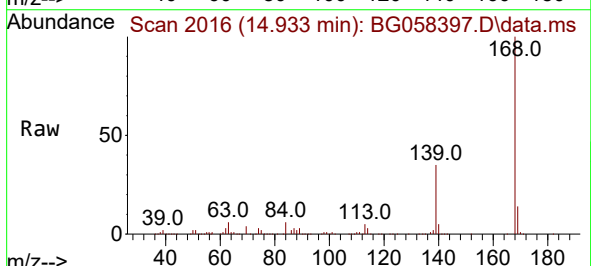
Instrument :
BNA_G
ClientSampleId :

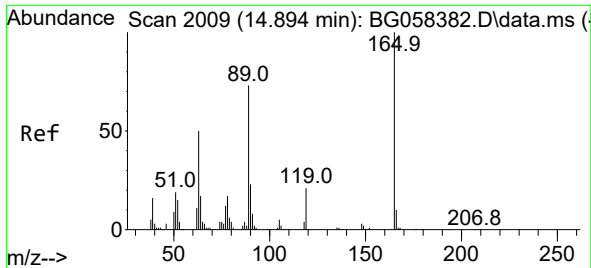
Tgt Ion	Ratio	Lower	Upper
109	100		
139	137.5	100.3	150.5
65	159.1	120.6	180.8



#56
Dibenzofuran
Concen: 33.240 ng/ul
RT: 14.933 min Scan# 2016
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

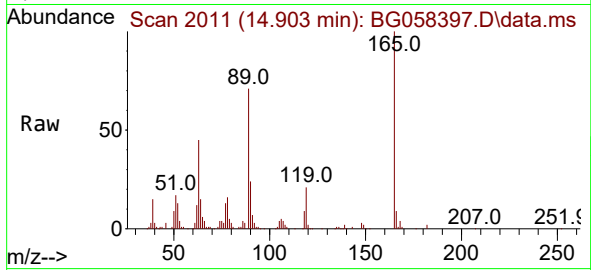
Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.8	41.8



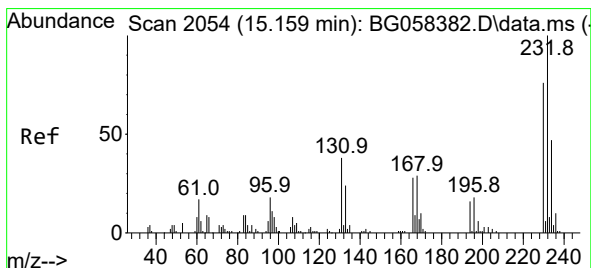
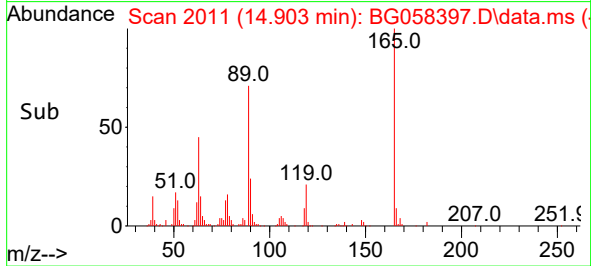
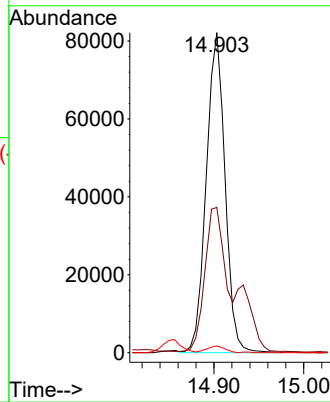


#57
2,4-Dinitrotoluene
Concen: 34.007 ng/ul
RT: 14.903 min Scan# 2009
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Instrument :
BNA_G
ClientSampleId :

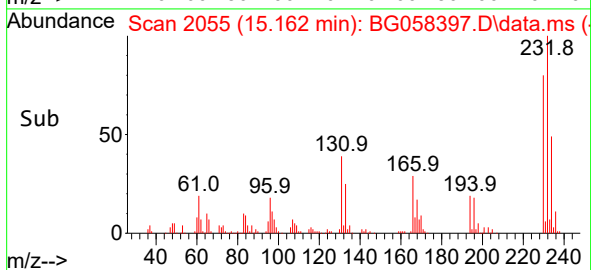
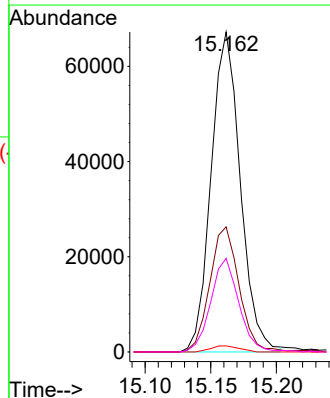
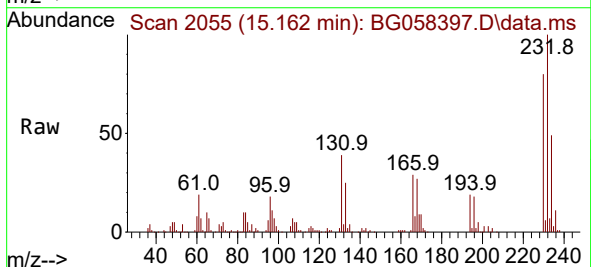


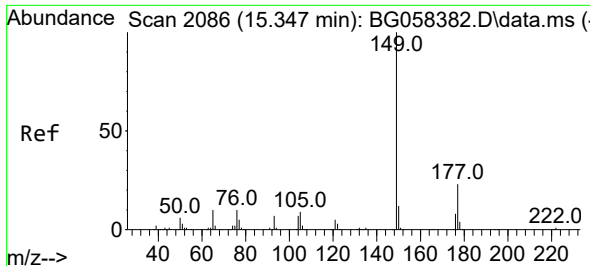
Tgt Ion:165 Resp: 119222
Ion Ratio Lower Upper
165 100
63 45.4 33.8 50.6
182 2.1 1.2 1.8#



#58
2,3,4,6-Tetrachlorophenol
Concen: 33.101 ng/ul
RT: 15.162 min Scan# 2055
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:232 Resp: 103780
Ion Ratio Lower Upper
232 100
131 39.1 29.0 43.6
130 1.9 1.1 1.7#
166 29.2 23.0 34.6

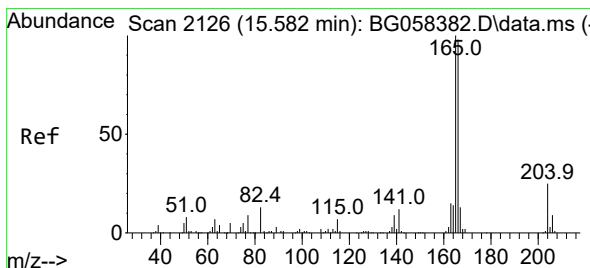
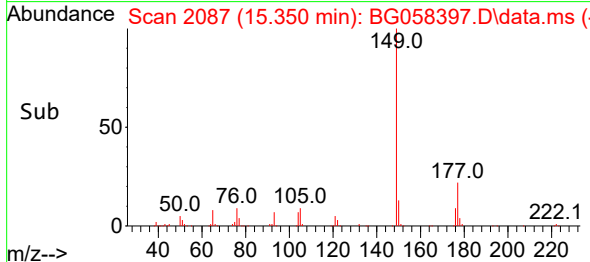
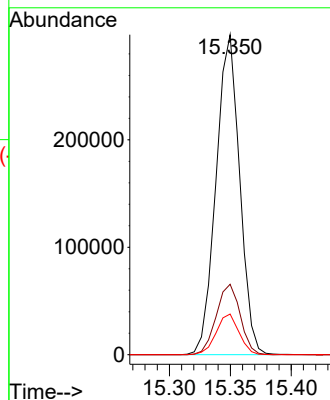
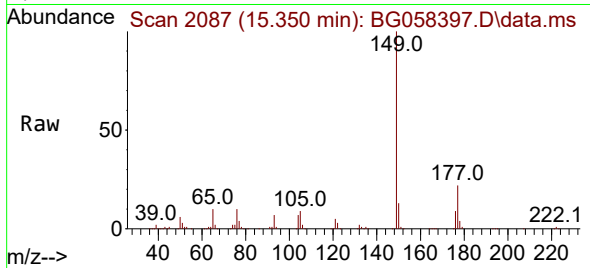




#59
Diethylphthalate
Concen: 31.035 ng/ul
RT: 15.350 min Scan# 2086
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

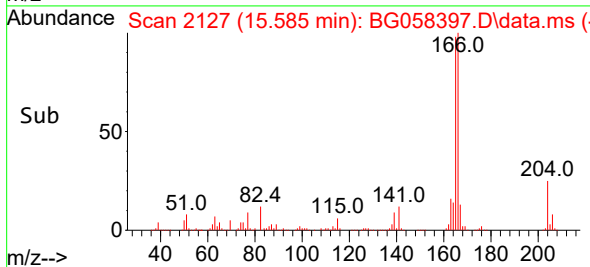
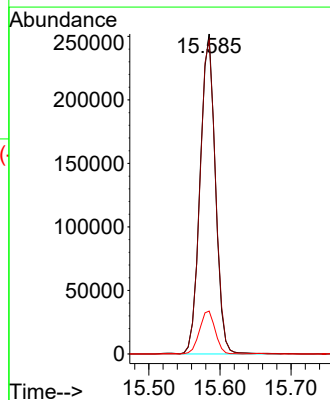
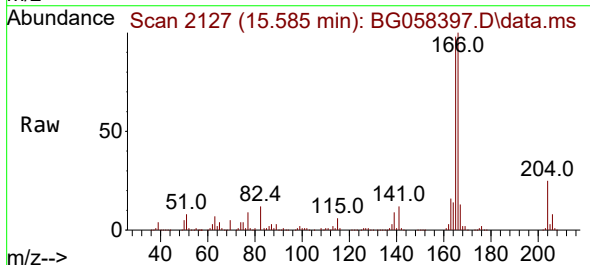
Instrument :
BNA_G
ClientSampleId :

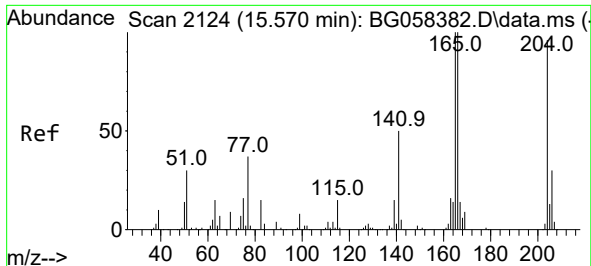
Tgt Ion:149 Resp: 402155
Ion Ratio Lower Upper
149 100
177 22.0 18.4 27.6
150 12.7 10.0 15.0



#61
Fluorene
Concen: 32.752 ng/ul
RT: 15.585 min Scan# 2127
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:166 Resp: 376140
Ion Ratio Lower Upper
166 100
165 98.1 80.2 120.2
167 13.4 10.5 15.7

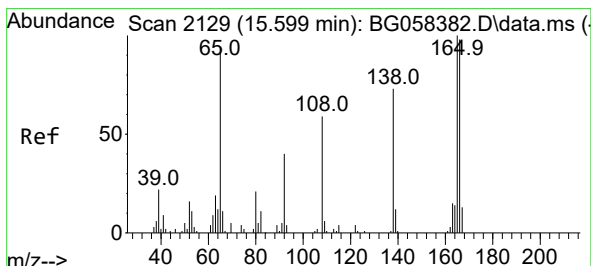
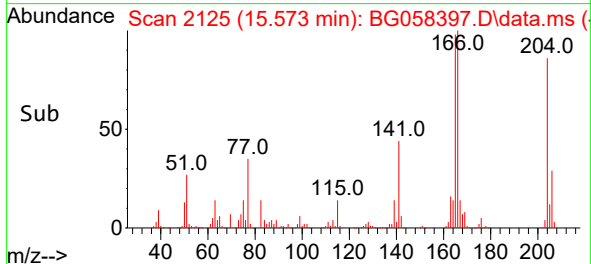
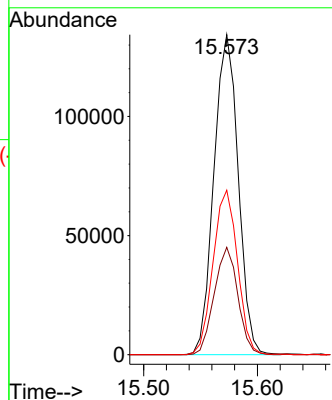
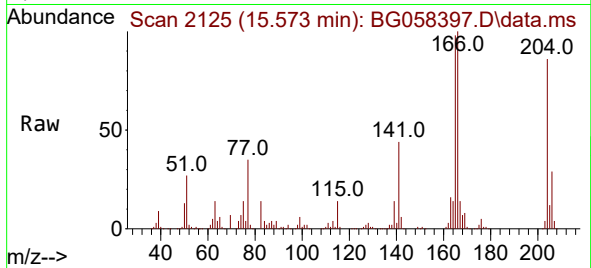




#62
4-Chlorophenyl-phenylether
Concen: 32.722 ng/ul
RT: 15.573 min Scan# 2125
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

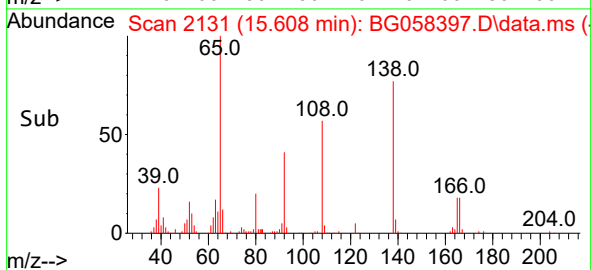
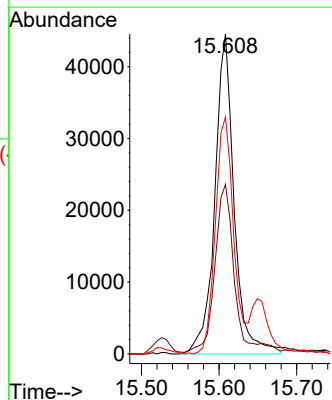
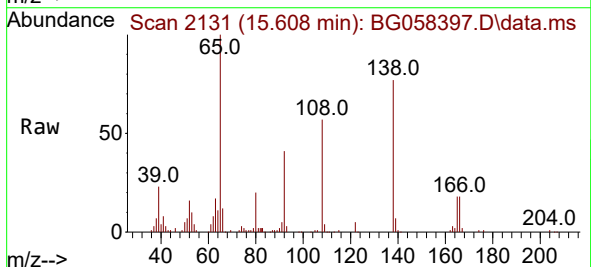
Instrument :
BNA_G
ClientSampleId :

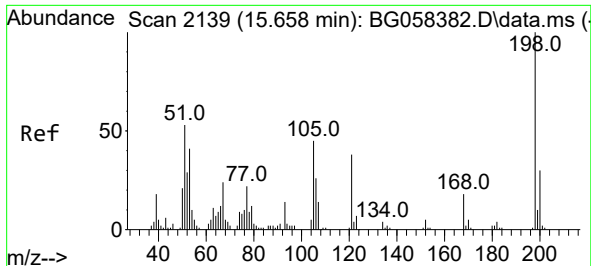
Tgt Ion:204 Resp: 199498
Ion Ratio Lower Upper
204 100
206 33.6 26.0 39.0
141 51.4 42.2 63.2



#63
4-Nitroaniline
Concen: 42.104 ng/ul
RT: 15.608 min Scan# 2131
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

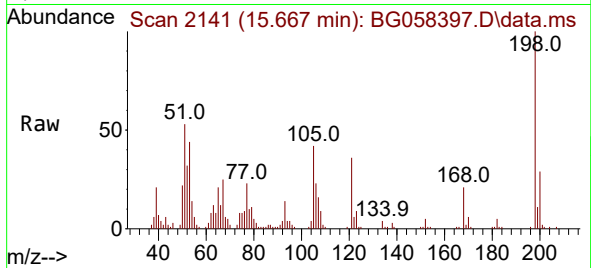
Tgt Ion:138 Resp: 77173
Ion Ratio Lower Upper
138 100
92 53.0 45.0 67.4
108 74.1 60.8 91.2



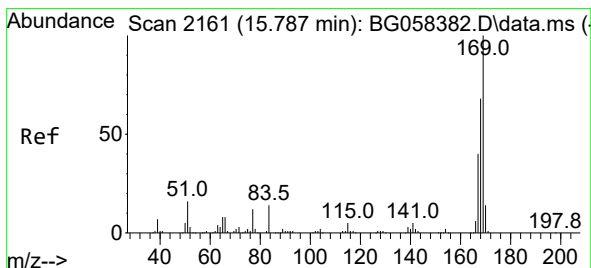
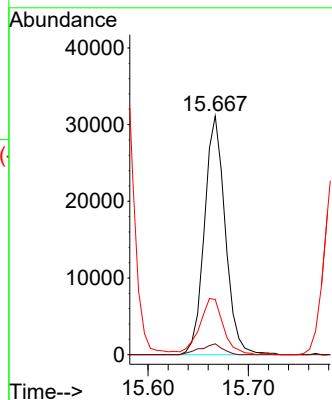
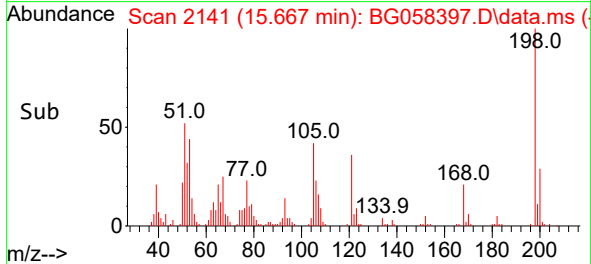


#66
 4,6-Dinitro-2-methylphenol
 Concen: 23.790 ng/ul
 RT: 15.667 min Scan# 2141
 Delta R.T. 0.001 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

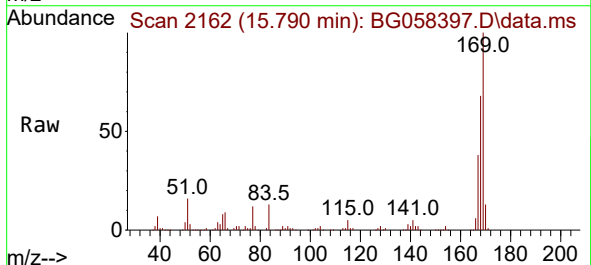
Instrument :
 BNA_G
 ClientSampleId :



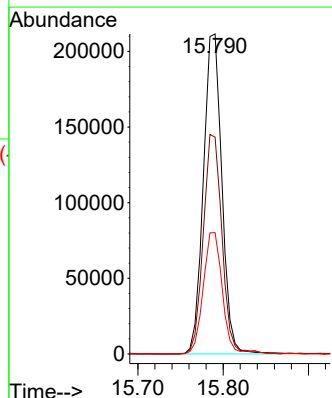
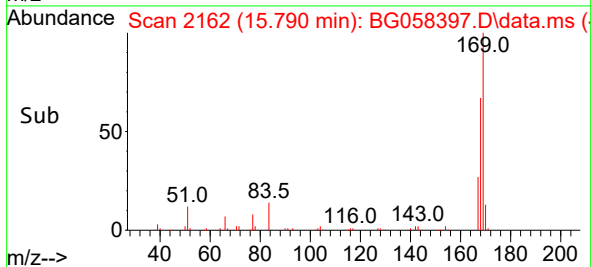
Tgt Ion:198 Resp: 45005
 Ion Ratio Lower Upper
 198 100
 182 4.6 3.4 5.2
 77 23.1 18.4 27.6

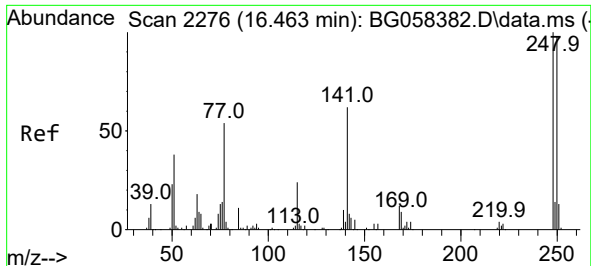


#67
 N-Nitrosodiphenylamine
 Concen: 35.655 ng/ul
 RT: 15.790 min Scan# 2162
 Delta R.T. 0.001 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32



Tgt Ion:169 Resp: 318975
 Ion Ratio Lower Upper
 169 100
 168 67.8 55.7 83.5
 167 37.9 31.2 46.8

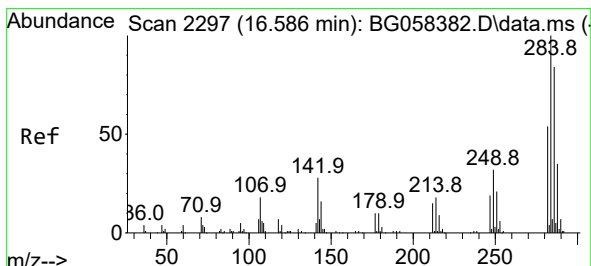
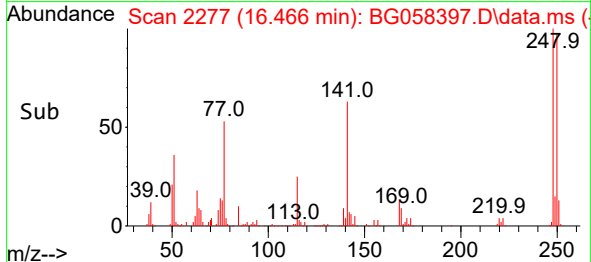
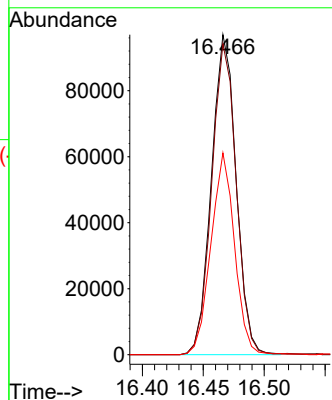
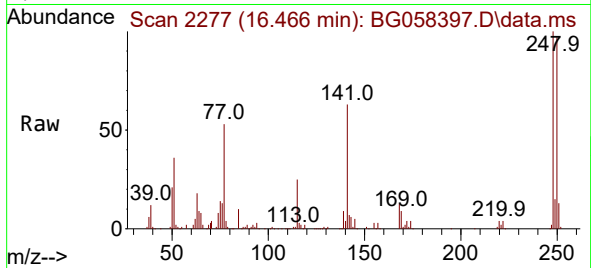




#68
4-Bromophenyl-phenylether
Concen: 35.755 ng/ul
RT: 16.466 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

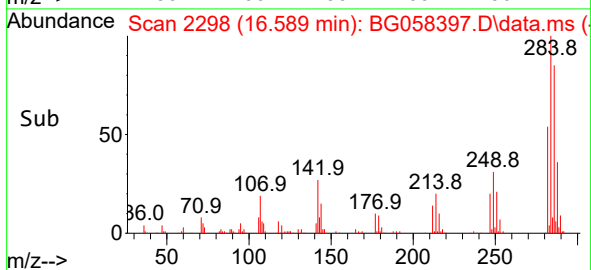
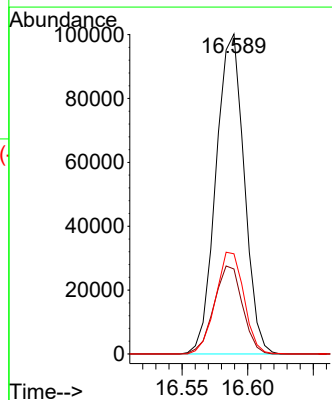
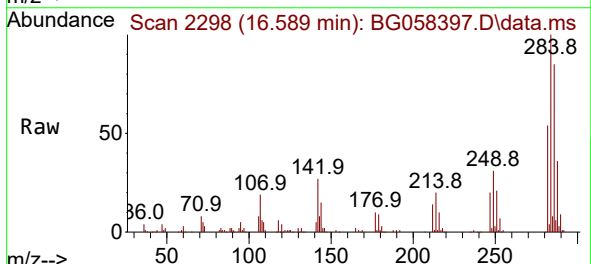
Instrument :
BNA_G
ClientSampleId :

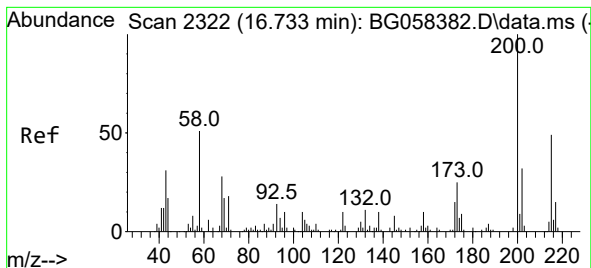
Tgt Ion:248 Resp: 136678
Ion Ratio Lower Upper
248 100
250 97.2 73.8 110.6
141 63.0 48.2 72.2



#69
Hexachlorobenzene
Concen: 34.684 ng/ul
RT: 16.589 min Scan# 2298
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:284 Resp: 149607
Ion Ratio Lower Upper
284 100
142 26.5 20.5 30.7
249 31.3 25.2 37.8





#70

Atrazine

Concen: 34.549 ng/ul

RT: 16.736 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

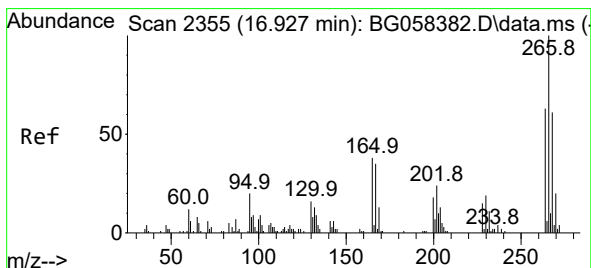
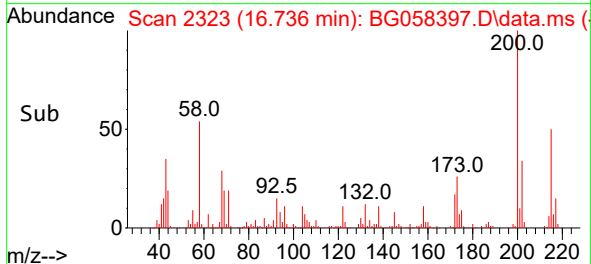
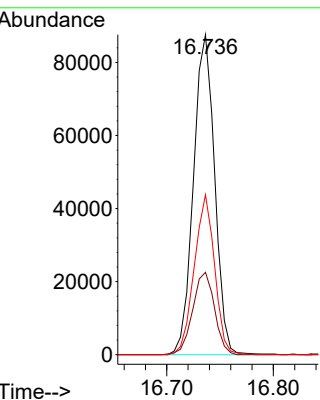
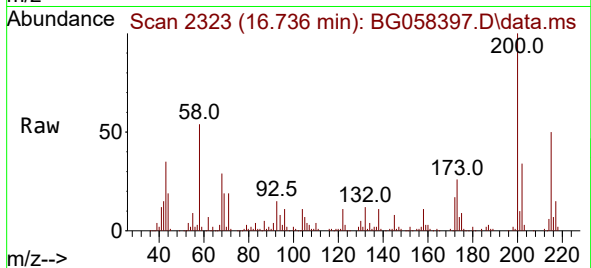
Tgt Ion:200 Resp: 121180

Ion Ratio Lower Upper

200 100

173 25.8 19.8 29.8

215 49.9 36.2 54.4



#71

Pentachlorophenol

Concen: 32.650 ng/ul

RT: 16.930 min Scan# 2356

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

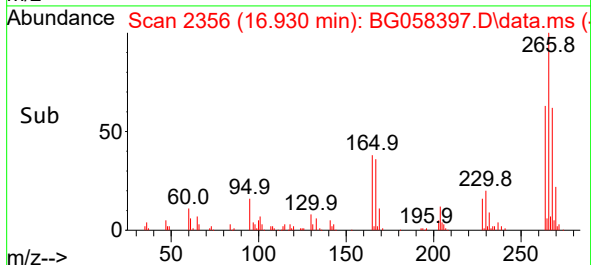
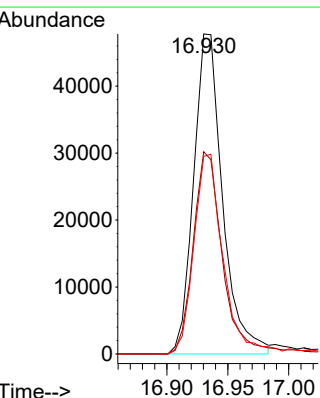
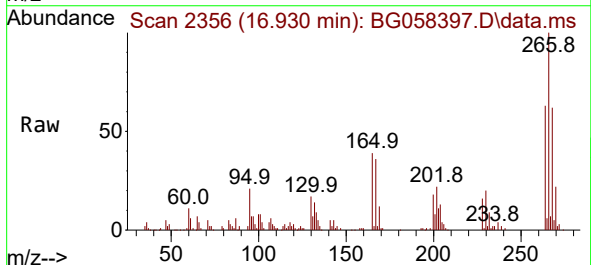
Tgt Ion:266 Resp: 79053

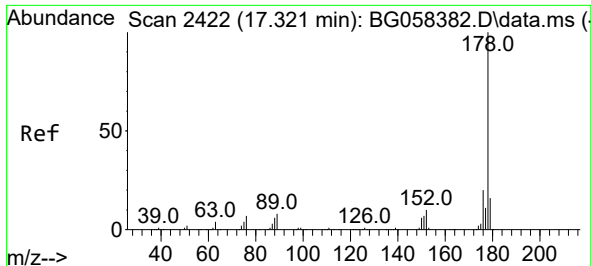
Ion Ratio Lower Upper

266 100

264 63.2 46.6 70.0

268 61.8 47.6 71.4

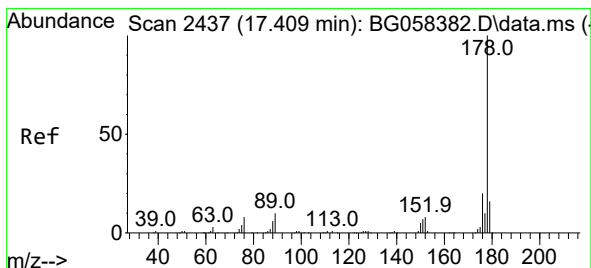
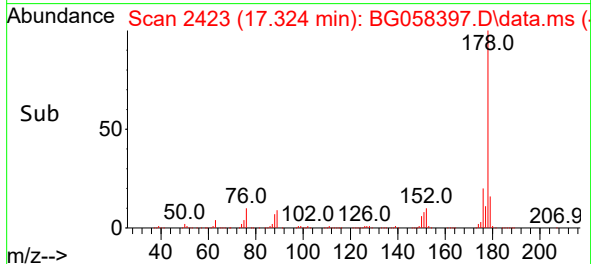
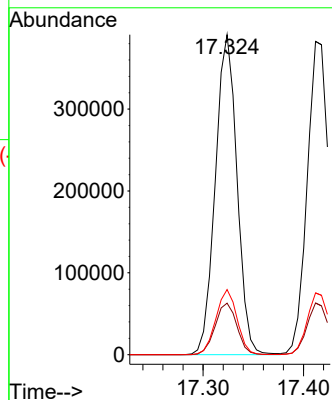
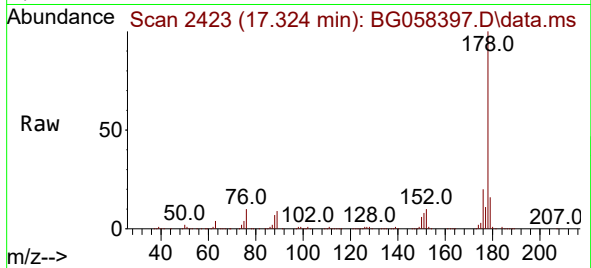




#72
Phenanthrene
Concen: 34.196 ng/ul
RT: 17.324 min Scan# 2422
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

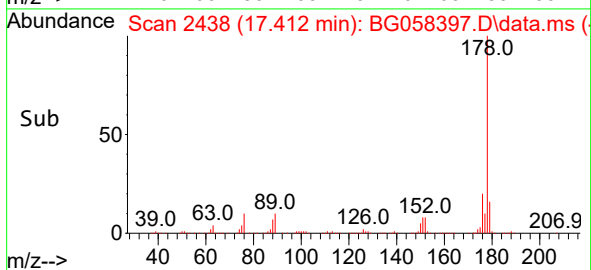
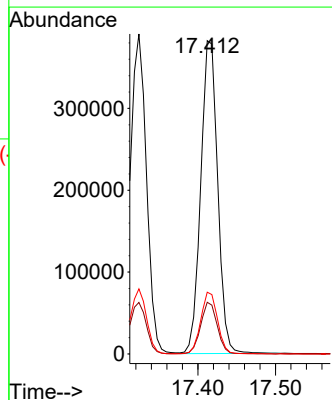
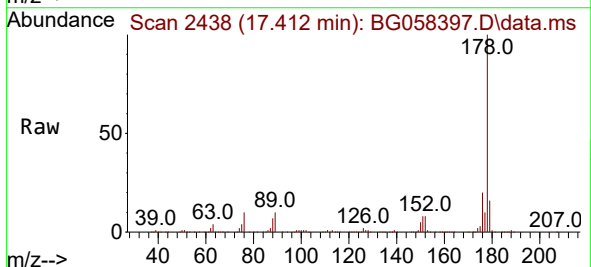
Instrument :
BNA_G
ClientSampleId :

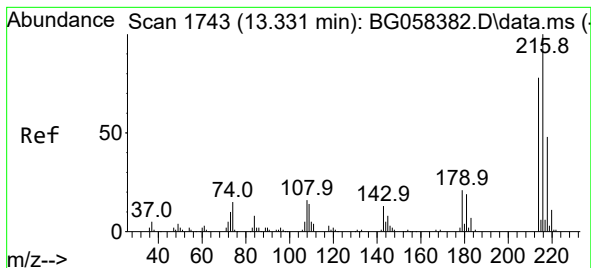
Tgt Ion:178 Resp: 586497
Ion Ratio Lower Upper
178 100
179 16.1 11.9 17.9
176 20.4 15.8 23.8



#74
Anthracene
Concen: 33.700 ng/ul
RT: 17.412 min Scan# 2438
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:178 Resp: 580250
Ion Ratio Lower Upper
178 100
179 16.5 13.4 20.2
176 19.7 16.2 24.2





#75

1,2,3,4-Tetrachlorobenzene

Concen: 37.062 ng/uL

RT: 13.334 min Scan# 1

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

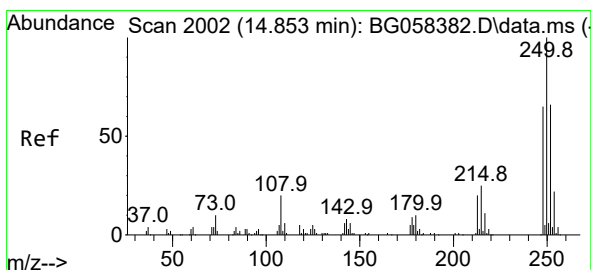
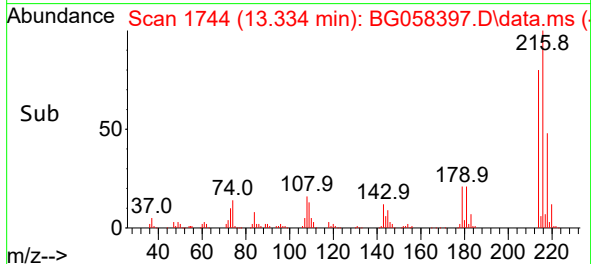
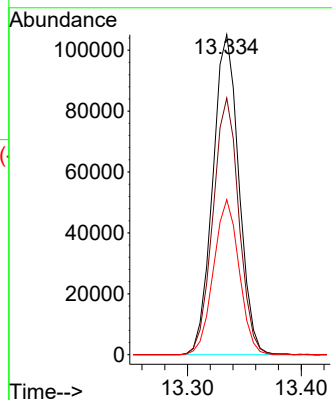
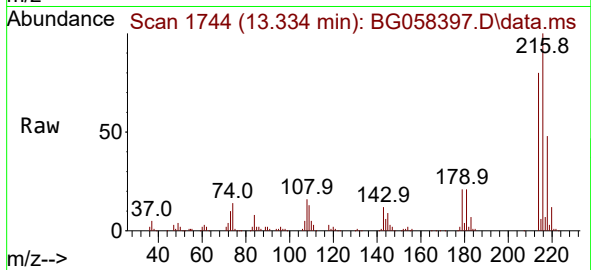
Tgt Ion:216 Resp: 167773

Ion Ratio Lower Upper

216 100

214 80.2 62.2 93.4

218 48.5 40.9 61.3



#76

Pentachlorobenzene

Concen: 34.953 ng/uL

RT: 14.856 min Scan# 2003

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

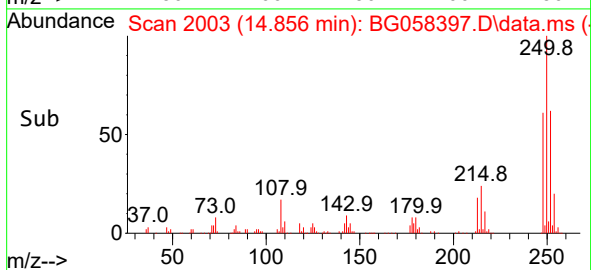
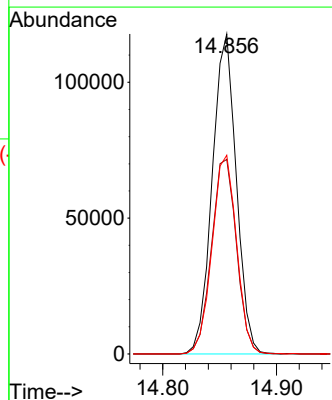
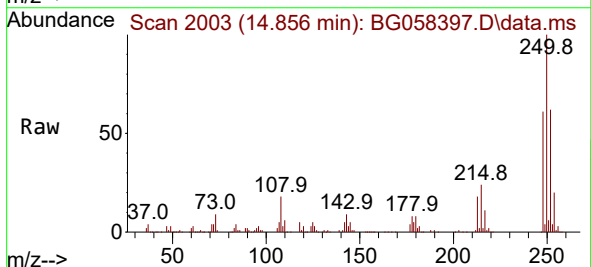
Tgt Ion:250 Resp: 173030

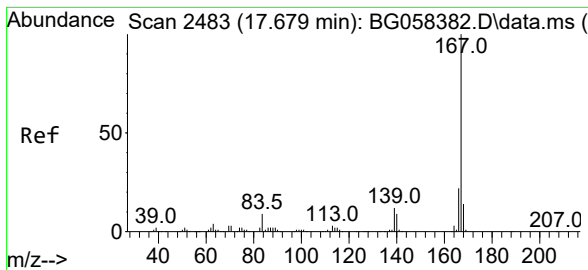
Ion Ratio Lower Upper

250 100

248 60.8 51.6 77.4

252 62.1 54.4 81.6





#77

Carbazole

Concen: 36.204 ng/ul

RT: 17.682 min Scan# 2484

Delta R.T. 0.001 min

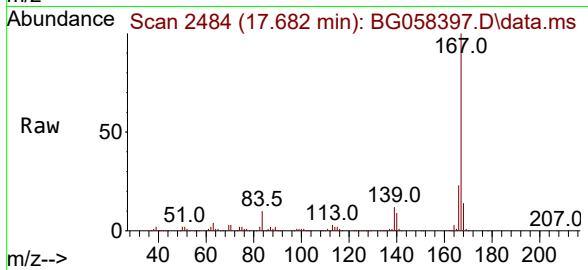
Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :



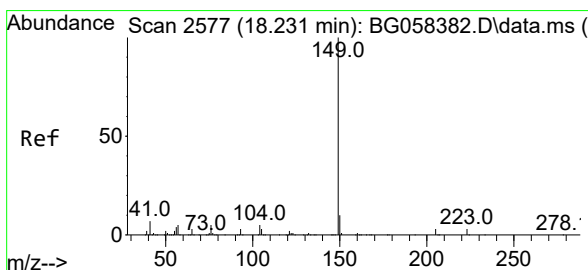
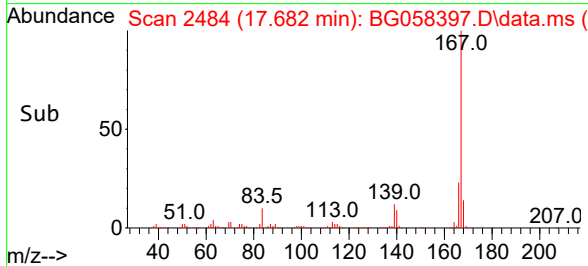
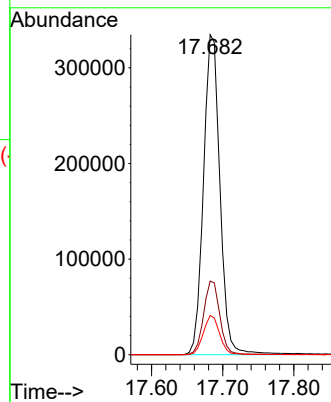
Tgt Ion:167 Resp: 540357

Ion Ratio Lower Upper

167 100

166 23.0 17.8 26.8

139 12.3 9.4 14.0



#78

Di-n-butylphthalate

Concen: 35.828 ng/ul

RT: 18.235 min Scan# 2578

Delta R.T. -0.005 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

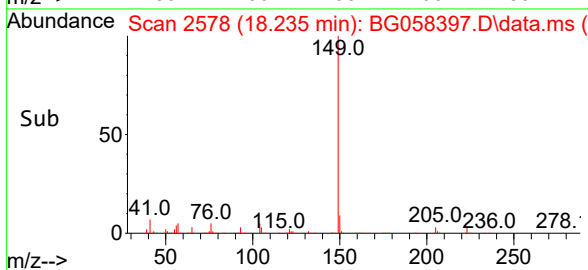
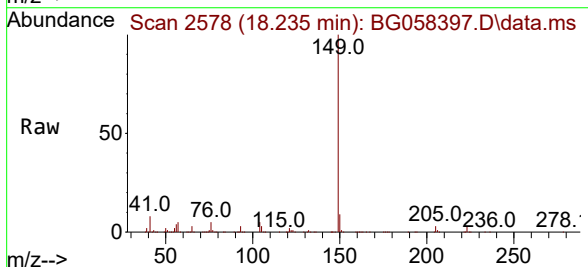
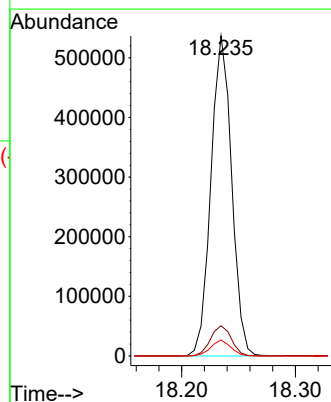
Tgt Ion:149 Resp: 679496

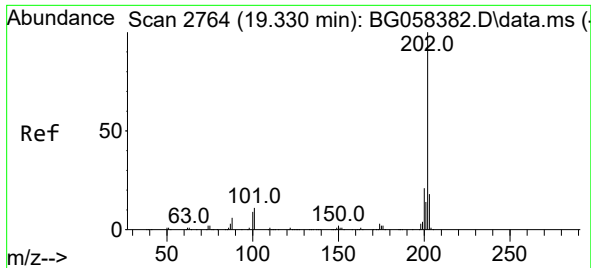
Ion Ratio Lower Upper

149 100

150 9.4 7.2 10.8

104 5.0 3.9 5.9

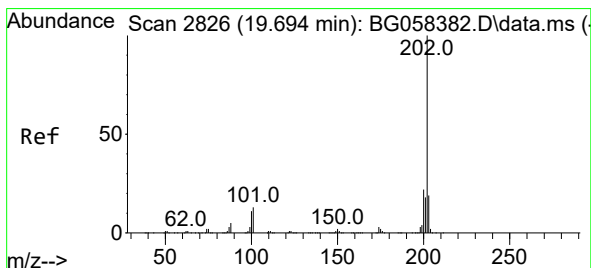
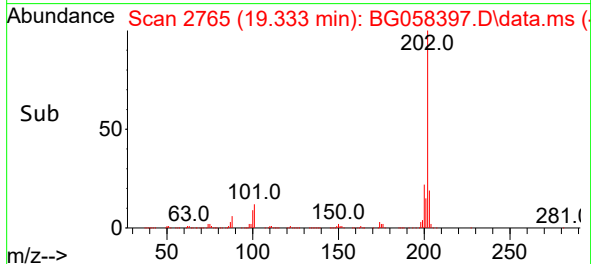
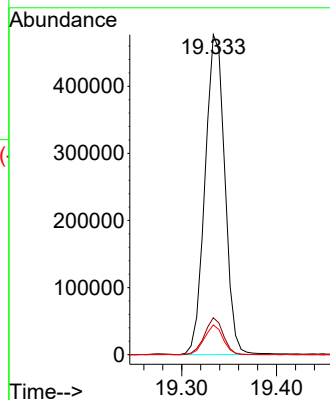
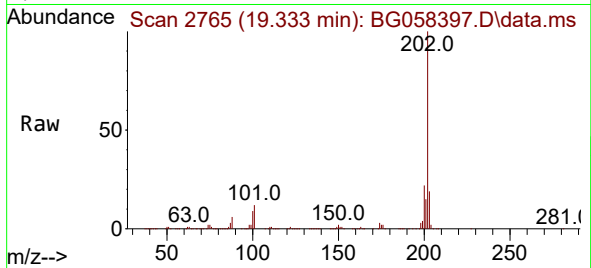




#80
 Fluoranthene
 Concen: 35.378 ng/ul
 RT: 19.333 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

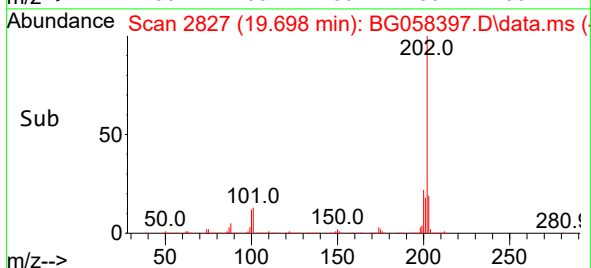
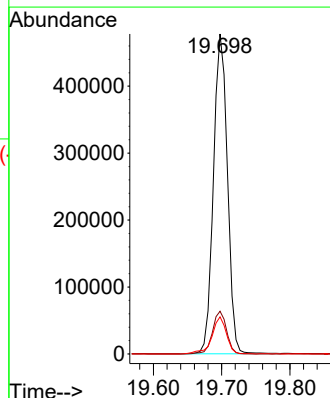
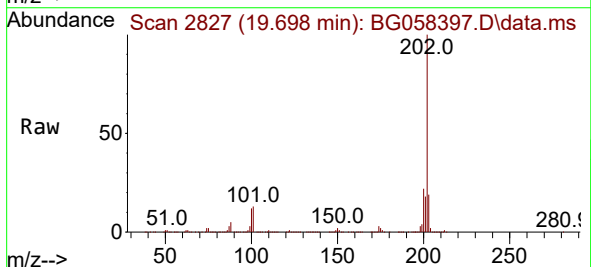
Instrument :
 BNA_G
 ClientSampleId :

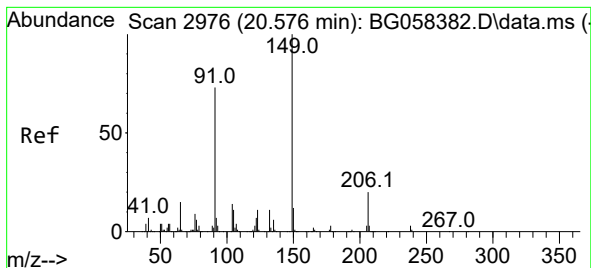
Tgt Ion:202 Resp: 688415
 Ion Ratio Lower Upper
 202 100
 101 11.5 8.6 12.8
 100 9.3 7.2 10.8



#82
 Pyrene
 Concen: 34.637 ng/ul
 RT: 19.698 min Scan# 2827
 Delta R.T. 0.001 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

Tgt Ion:202 Resp: 682926
 Ion Ratio Lower Upper
 202 100
 101 13.3 10.2 15.2
 100 11.6 8.9 13.3





#83

Butylbenzylphthalate

Concen: 37.966 ng/ul

RT: 20.579 min Scan# 2977

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

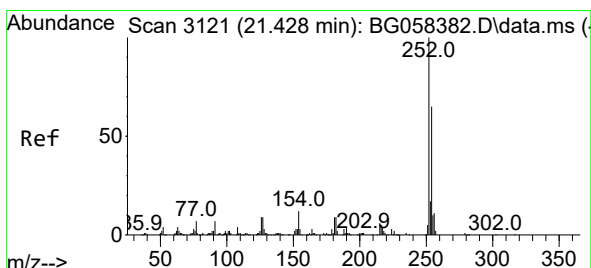
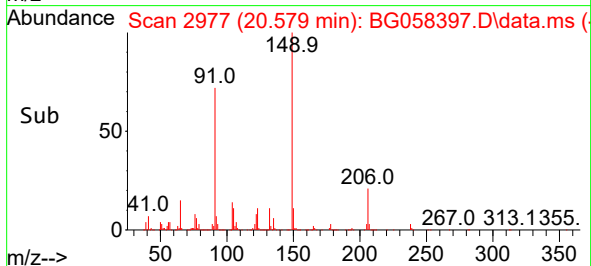
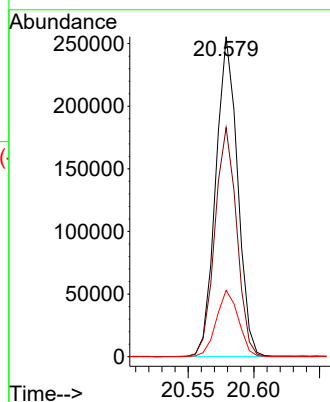
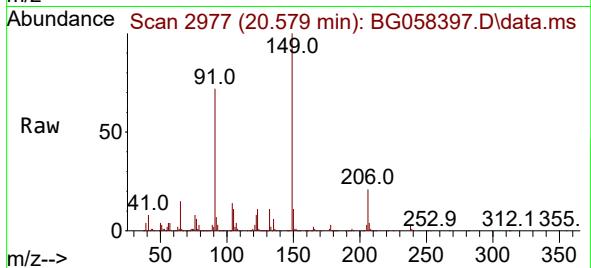
Tgt Ion:149 Resp: 294763

Ion Ratio Lower Upper

149 100

91 71.6 59.9 89.9

206 20.8 16.9 25.3



#84

3,3'-Dichlorobenzidine

Concen: 37.409 ng/ul

RT: 21.431 min Scan# 3122

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

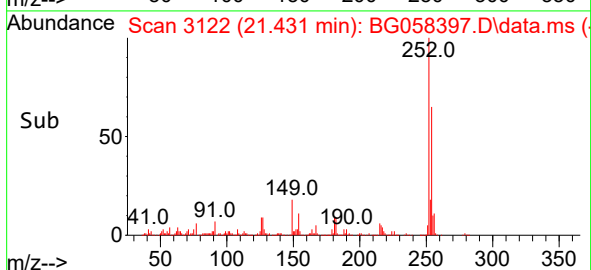
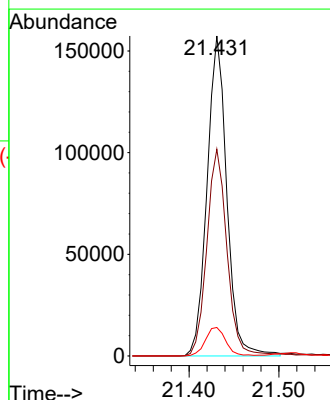
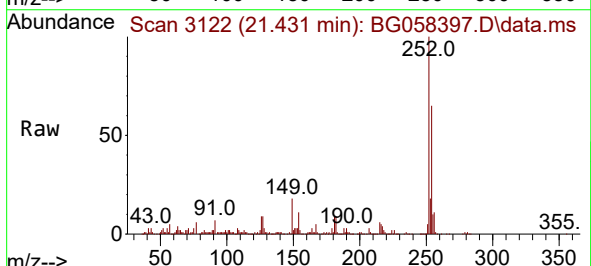
Tgt Ion:252 Resp: 240155

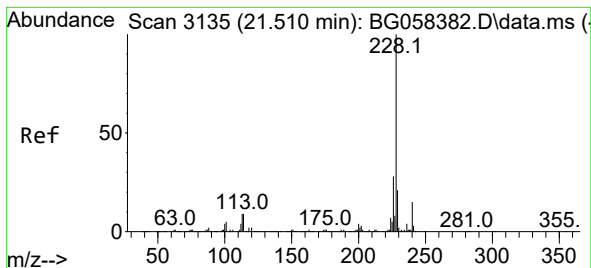
Ion Ratio Lower Upper

252 100

254 64.6 50.5 75.7

126 8.9 6.5 9.7





#85

Benzo(a)anthracene

Concen: 35.488 ng/ul

RT: 21.513 min Scan# 3135

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

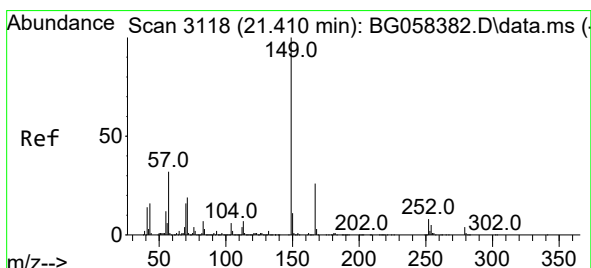
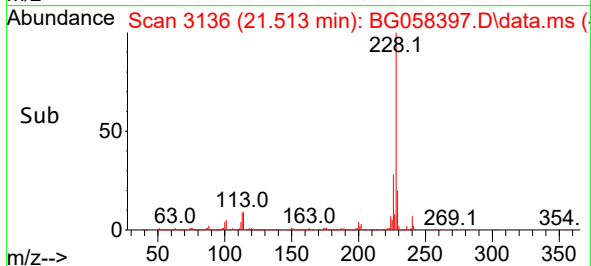
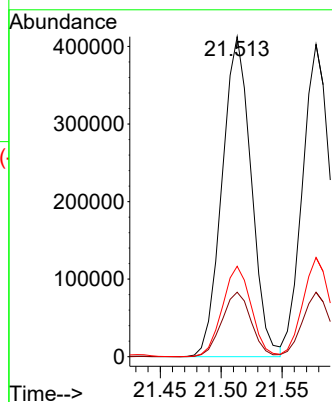
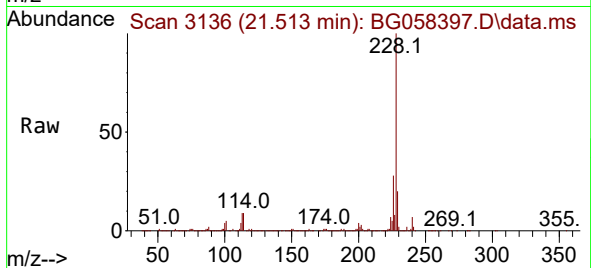
Tgt Ion:228 Resp: 685978

Ion Ratio Lower Upper

228 100

229 20.1 15.7 23.5

226 28.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 37.931 ng/ul

RT: 21.413 min Scan# 3119

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

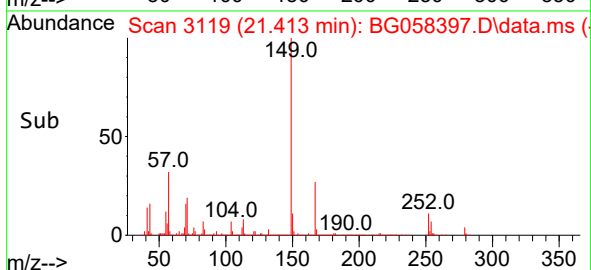
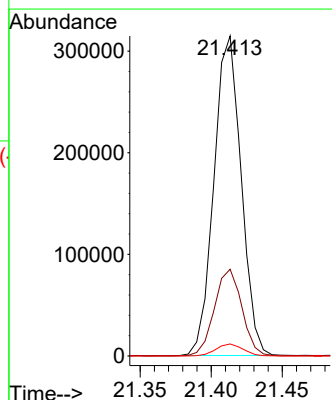
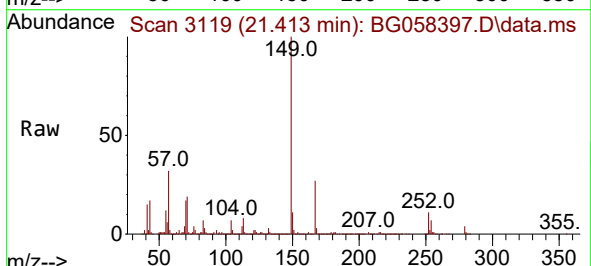
Tgt Ion:149 Resp: 418864

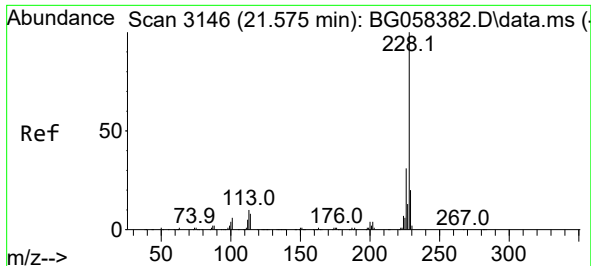
Ion Ratio Lower Upper

149 100

167 27.1 21.6 32.4

279 3.7 3.0 4.4

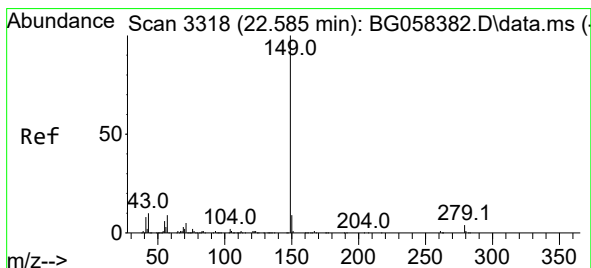
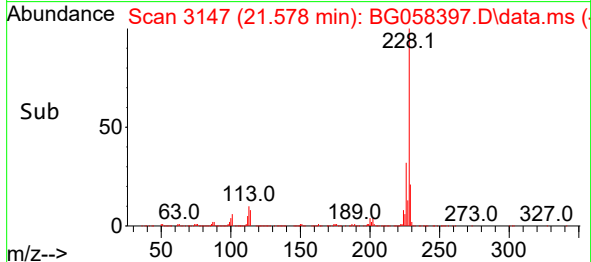
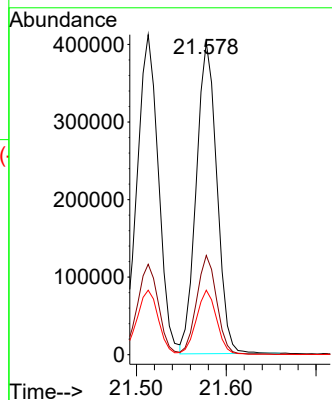
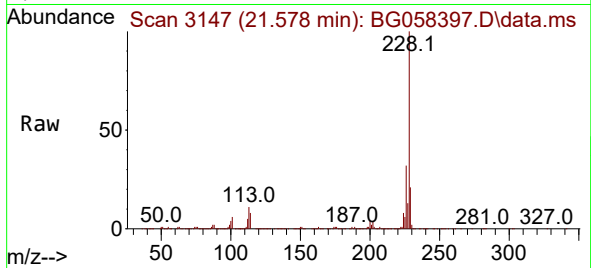




#87
Chrysene
Concen: 34.845 ng/ul
RT: 21.578 min Scan# 3146
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

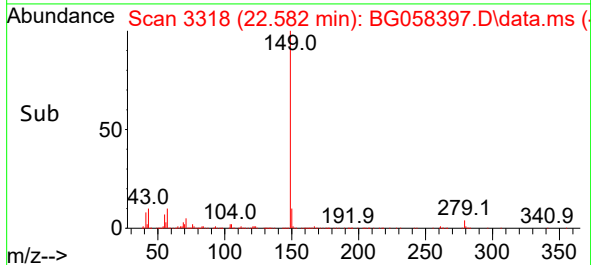
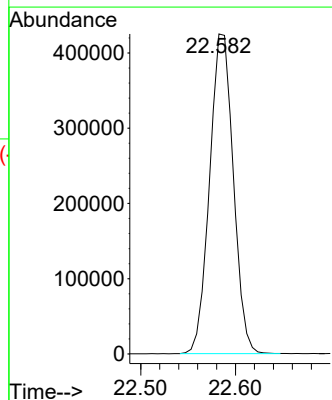
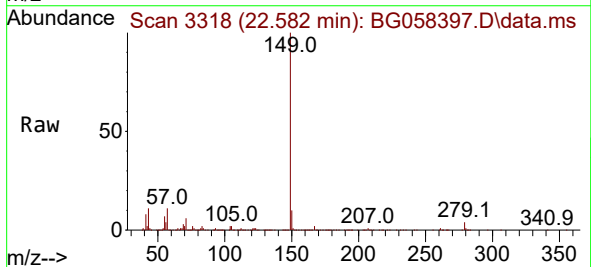
Instrument :
BNA_G
ClientSampleId :

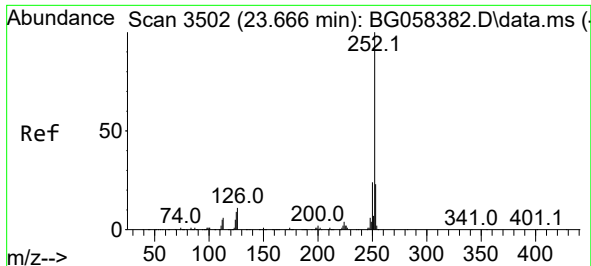
Tgt Ion:228 Resp: 638891
Ion Ratio Lower Upper
228 100
226 31.8 24.0 36.0
229 20.6 15.8 23.8



#89
Di-n-octyl phthalate
Concen: 38.797 ng/ul
RT: 22.582 min Scan# 3318
Delta R.T. -0.005 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:149 Resp: 738167

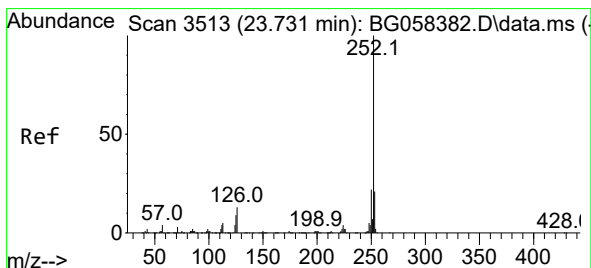
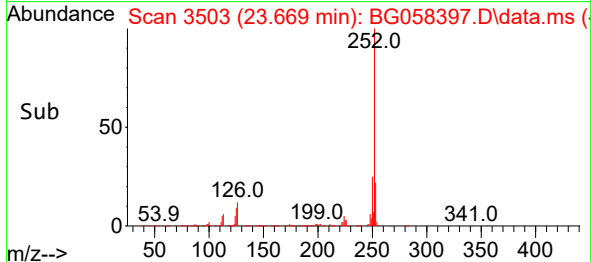
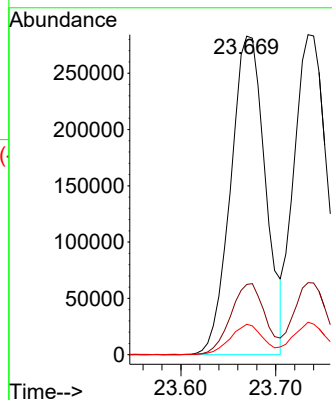
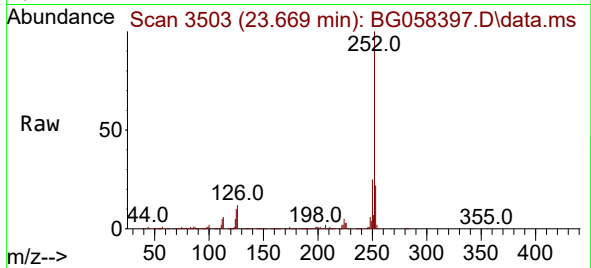




#90
Benzo(b)fluoranthene
Concen: 34.851 ng/ul
RT: 23.669 min Scan# 3502
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

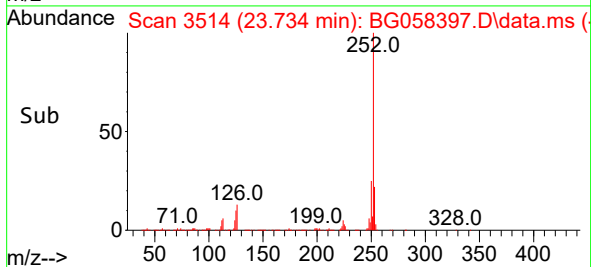
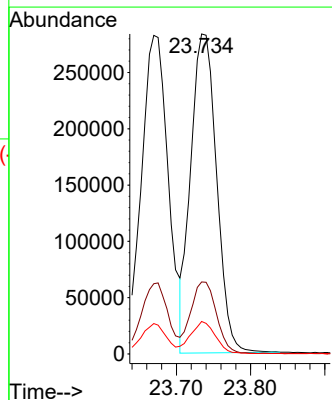
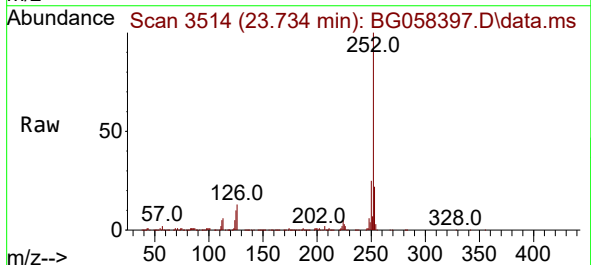
Instrument :
BNA_G
ClientSampleId :

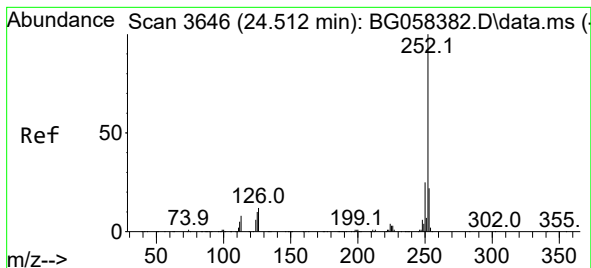
Tgt Ion:252 Resp: 721067
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 9.6 6.7 10.1



#91
Benzo(k)fluoranthene
Concen: 33.312 ng/ul
RT: 23.734 min Scan# 3514
Delta R.T. 0.001 min
Lab File: BG058397.D
Acq: 21 Jul 2023 21:32

Tgt Ion:252 Resp: 687399
Ion Ratio Lower Upper
252 100
253 22.5 18.3 27.5
125 10.2 7.4 11.0





#93

Benzo(a)pyrene

Concen: 34.480 ng/ul

RT: 24.521 min Scan# 3

Delta R.T. 0.001 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

Instrument :

BNA_G

ClientSampleId :

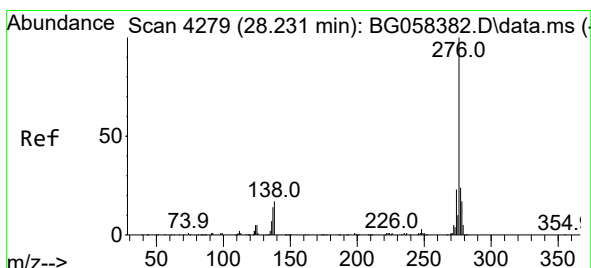
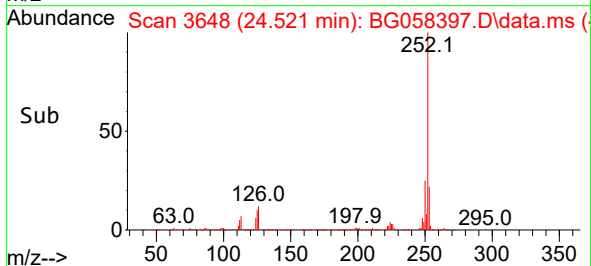
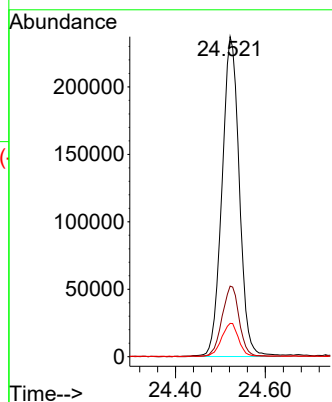
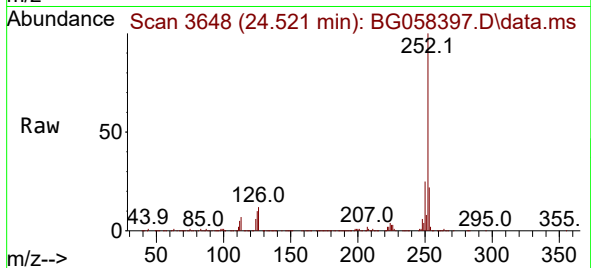
Tgt Ion:252 Resp: 634519

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 10.4 7.7 11.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 35.186 ng/ul

RT: 28.246 min Scan# 4282

Delta R.T. 0.018 min

Lab File: BG058397.D

Acq: 21 Jul 2023 21:32

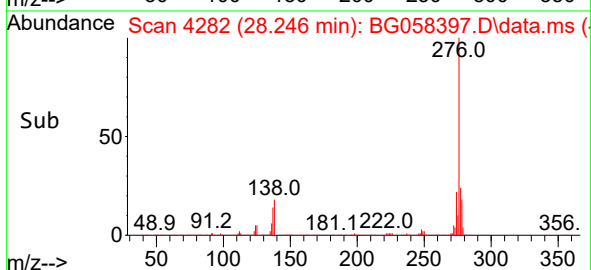
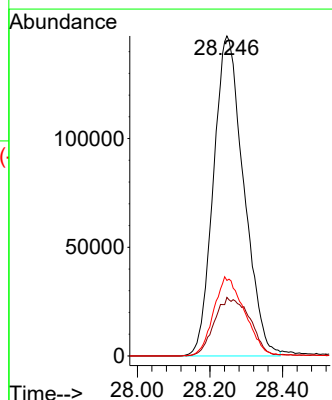
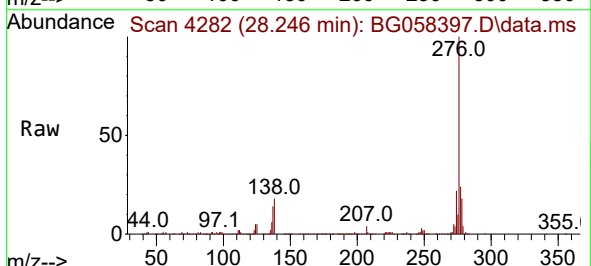
Tgt Ion:276 Resp: 853109

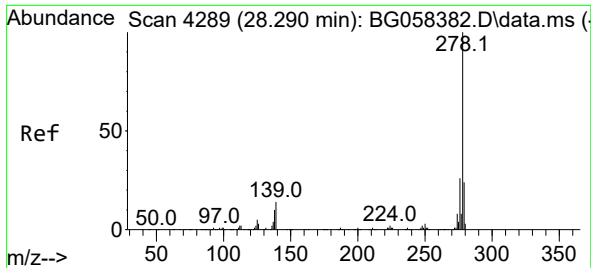
Ion Ratio Lower Upper

276 100

138 18.3 13.8 20.6

277 23.6 19.2 28.8

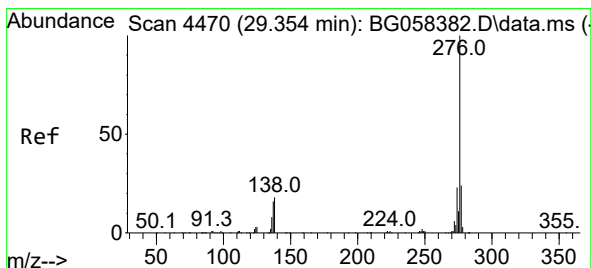
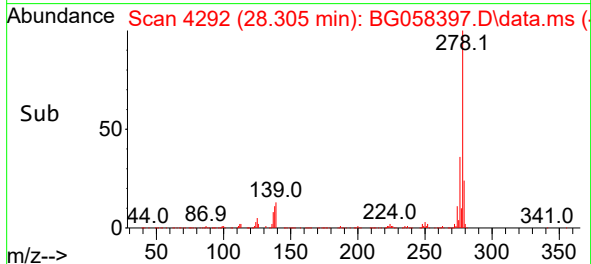
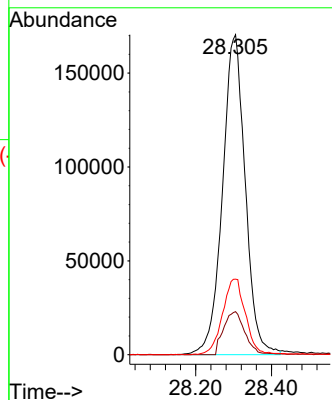
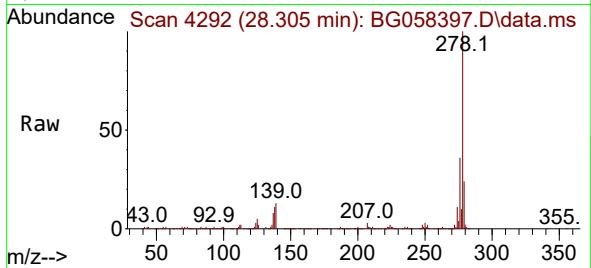




#95
 Dibenzo(a,h)anthracene
 Concen: 35.715 ng/ul
 RT: 28.305 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:278 Resp: 710093
 Ion Ratio Lower Upper
 278 100
 139 13.5 10.4 15.6
 279 23.6 18.4 27.6



#96
 Benzo(g,h,i)perylene
 Concen: 35.418 ng/ul
 RT: 29.369 min Scan# 4473
 Delta R.T. 0.018 min
 Lab File: BG058397.D
 Acq: 21 Jul 2023 21:32

Tgt Ion:276 Resp: 699650
 Ion Ratio Lower Upper
 276 100
 138 17.2 13.5 20.3
 277 24.2 19.4 29.2

