

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057364.D
 Acq On : 10 May 2023 10:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

Quant Time: May 10 23:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.367	152	17310	20.000	ng/ul	0.00
20) Naphthalene-d8	11.204	136	70683	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.976	164	55611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.719	188	136550	20.000	ng/ul	0.00
79) Chrysene-d12	22.031	240	129431	20.000	ng/ul	0.00
88) Perylene-d12	25.538	264	135637	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.644	96	3259	8.285	ng/uL	0.00
4) Pyridine-d5	4.091	84	24240	19.546	ng/ul	0.00
7) Phenol-d5	7.504	99	31807	19.430	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.668	67	18770	19.494	ng/ul	0.00
11) 2-Chlorophenol-d4	7.891	132	22764	21.102	ng/ul	0.00
15) 4-Methylphenol-d8	9.066	113	24818	19.947	ng/ul	0.00
21) Nitrobenzene-d5	9.542	128	11771	20.912	ng/ul	0.00
24) 2-Nitrophenol-d4	10.270	143	14629	22.269	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.817	165	28413	22.418	ng/ul	0.00
31) 4-Chloroaniline-d4	11.328	131	35468	21.115	ng/ul	0.00
46) Dimethylphthalate-d6	14.365	166	93839	21.296	ng/ul	0.00
49) Acenaphthylene-d8	14.676	160	105362	21.274	ng/ul	0.00
54) 4-Nitrophenol-d4	15.170	143	11758	18.332	ng/ul	0.00
60) Fluorene-d10	15.963	176	87242	21.253	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.080	200	16703	20.646	ng/ul	0.00
73) Anthracene-d10	17.813	188	135464	21.734	ng/ul	0.00
81) Pyrene-d10	20.081	212	161929	21.077	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.291	264	144990	20.982	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	3613	8.661	ng/uL#	91
5) Pyridine	4.108	79	26535	20.298	ng/ul	93
6) Benzaldehyde	7.492	77	9473	18.947	ng/ul	95
8) Phenol	7.533	94	32930	19.958	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.762	93	24975	20.225	ng/ul	86
12) 2-Chlorophenol	7.927	128	24272	21.420	ng/ul	94
13) 2-Methylphenol	8.802	108	24805	19.399	ng/ul	87
14) 2,2'-oxybis(1-Chloropr...	8.884	45	30105	18.909	ng/ul#	95
16) Acetophenone	9.195	105	42948	20.060	ng/ul	93
17) N-Nitroso-di-n-propyla...	9.166	70	23636	19.211	ng/ul	95
18) 4-Methylphenol	9.131	108	28516	20.603	ng/ul	96
19) Hexachloroethane	9.460	117	10290	21.705	ng/ul	91
22) Nitrobenzene	9.589	77	35131	20.959	ng/ul	99
23) Isophorone	10.100	82	65484	20.534	ng/ul	98
25) 2-Nitrophenol	10.300	139	15390	23.130	ng/ul	94
26) 2,4-Dimethylphenol	10.347	107	32804	21.733	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.576	93	34660	20.908	ng/ul	99
29) 2,4-Dichlorophenol	10.846	162	27313	22.704	ng/ul	94
30) Naphthalene	11.251	128	84656	21.813	ng/ul	98
32) 4-Chloroaniline	11.357	127	38119	21.779	ng/ul	97
33) Hexachlorobutadiene	11.522	225	23222	22.759	ng/ul	99
34) Caprolactam	12.103	113	8595	21.223	ng/ul	95
35) 4-Chloro-3-methylphenol	12.450	107	29293	21.163	ng/ul	96
36) 2-Methylnaphthalene	12.832	142	61415	21.579	ng/ul	97

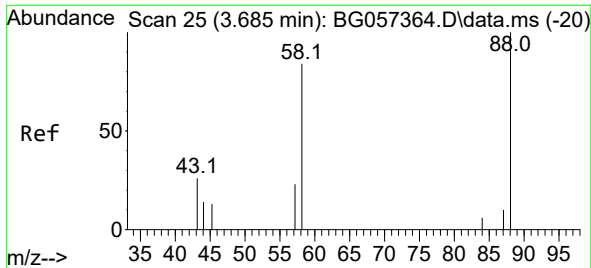
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051023\
 Data File : BG057364.D
 Acq On : 10 May 2023 10:32
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

Quant Time: May 10 23:38:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 10 11:18:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.049	142	62851	21.962	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	13.196	216	44806	22.171	ng/ul#	96
40) Hexachlorocyclopentadiene	13.166	237	18549	18.393	ng/ul	98
41) 2,4,6-Trichlorophenol	13.425	196	25331	21.522	ng/ul	94
42) 2,4,5-Trichlorophenol	13.507	196	27808	22.006	ng/ul	92
43) 1,1'-Biphenyl	13.813	154	91744	21.621	ng/ul	98
44) 2-Chloronaphthalene	13.866	162	71186	21.636	ng/ul	98
45) 2-Nitroaniline	14.065	65	20697	20.838	ng/ul	93
47) Dimethylphthalate	14.412	163	93219	21.066	ng/ul	99
48) 2,6-Dinitrotoluene	14.547	165	20289	22.280	ng/ul	96
50) Acenaphthylene	14.706	152	109717	21.801	ng/ul	99
51) 3-Nitroaniline	14.876	138	13387	20.747	ng/ul	98
52) Acenaphthene	15.040	153	76008	21.197	ng/ul	96
53) 2,4-Dinitrophenol	15.099	184	7481	15.426	ng/ul	93
55) 4-Nitrophenol	15.181	109	12892	17.731	ng/ul	92
56) Dibenzofuran	15.369	168	111187	21.472	ng/ul	100
57) 2,4-Dinitrotoluene	15.328	165	28408	21.791	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.599	232	25171	21.921	ng/ul	99
59) Diethylphthalate	15.757	149	93566	20.812	ng/ul	97
61) Fluorene	16.021	166	93013	21.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.998	204	53971	21.118	ng/ul	98
63) 4-Nitroaniline	16.033	138	10549	17.264	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.098	198	16877	20.472	ng/ul	91
67) N-Nitrosodiphenylamine	16.209	169	78684	22.059	ng/ul	99
68) 4-Bromophenyl-phenylether	16.891	248	36543	22.390	ng/ul	98
69) Hexachlorobenzene	17.026	284	39794	23.154	ng/ul	98
70) Atrazine	17.138	200	34882	22.003	ng/ul	97
71) Pentachlorophenol	17.373	266	13389	16.854	ng/ul	96
72) Phenanthrene	17.760	178	155308	21.841	ng/ul	99
74) Anthracene	17.854	178	156496	21.909	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.789	216	47026	22.897	ng/uL	96
76) Pentachlorobenzene	15.293	250	47643	22.790	ng/uL	96
77) Carbazole	18.119	167	130453	21.854	ng/ul	99
78) Di-n-butylphthalate	18.636	149	152263	22.307	ng/ul	99
80) Fluoranthene	19.752	202	190433	20.867	ng/ul	98
82) Pyrene	20.110	202	194039	21.003	ng/ul	98
83) Butylbenzylphthalate	20.962	149	66968	22.635	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.902	252	65297	22.716	ng/ul	100
85) Benzo(a)anthracene	22.007	228	194061	21.200	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.849	149	95831	22.270	ng/ul	95
87) Chrysene	22.078	228	182984	21.187	ng/ul	99
89) Di-n-octyl phthalate	23.147	149	160494	21.427	ng/ul	100
90) Benzo(b)fluoranthene	24.410	252	195645	20.829	ng/ul	99
91) Benzo(k)fluoranthene	24.481	252	193213	21.144	ng/ul	98
93) Benzo(a)pyrene	25.374	252	168583	20.790	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.585	276	214375	21.149	ng/ul	97
95) Dibenzo(a,h)anthracene	29.644	278	176644	21.016	ng/ul	98
96) Benzo(g,h,i)perylene	30.854	276	172933	21.080	ng/ul	99

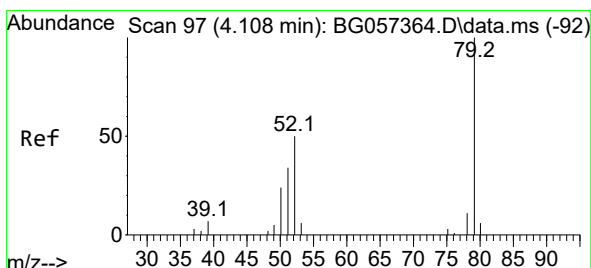
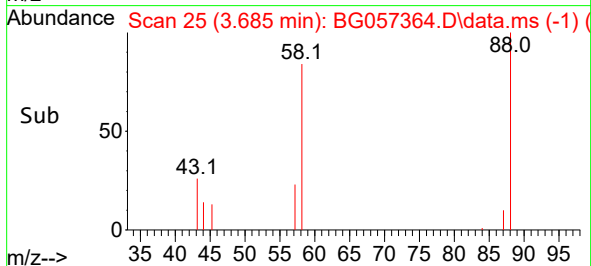
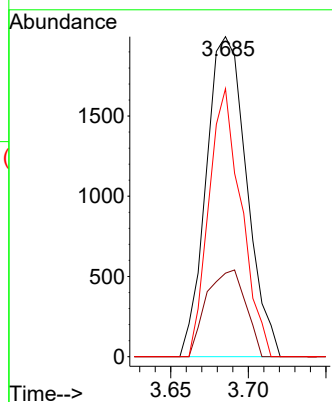
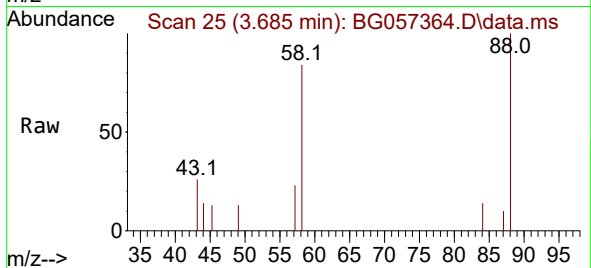
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 8.661 ng/uL
RT: 3.685 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

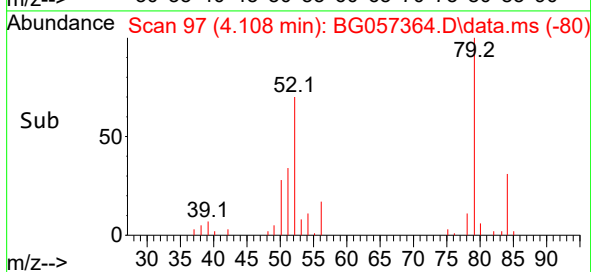
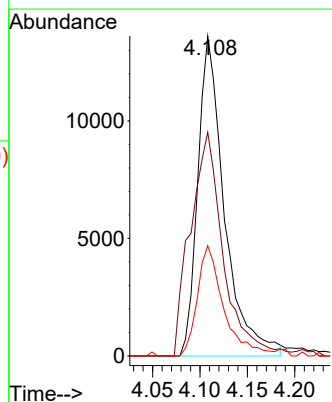
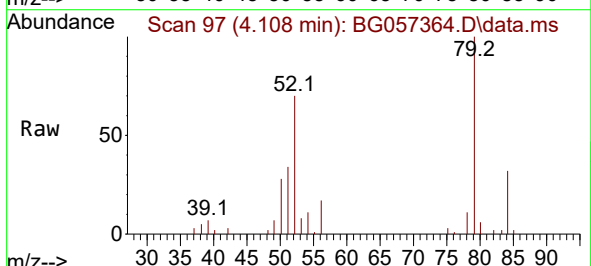
Instrument :
BNA_G
ClientSampleId :
SSTD020483

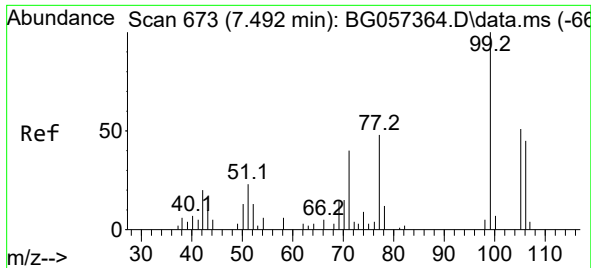
Tgt Ion: 88 Resp: 3613
Ion Ratio Lower Upper
88 100
43 26.1 28.2 42.4#
58 83.8 63.3 94.9



#5
Pyridine
Concen: 20.298 ng/uL
RT: 4.108 min Scan# 97
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion: 79 Resp: 26535
Ion Ratio Lower Upper
79 100
52 69.9 62.4 93.6
51 34.5 29.0 43.4

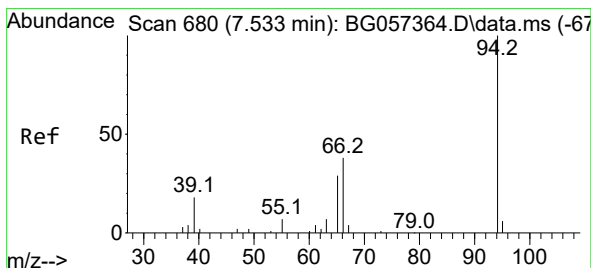
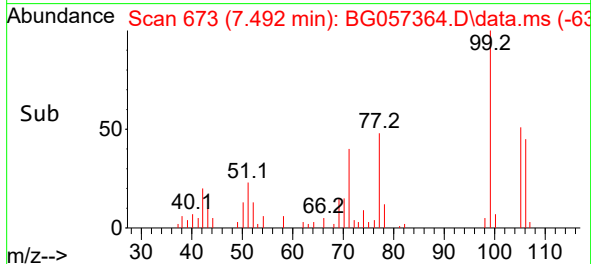
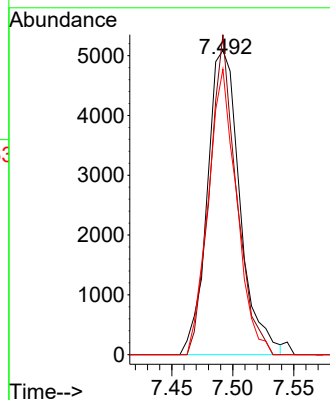
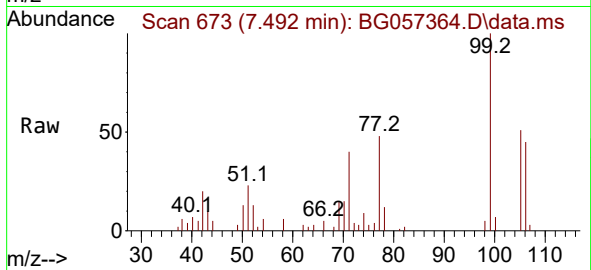




#6
Benzaldehyde
Concen: 18.947 ng/ul
RT: 7.492 min Scan# 673
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

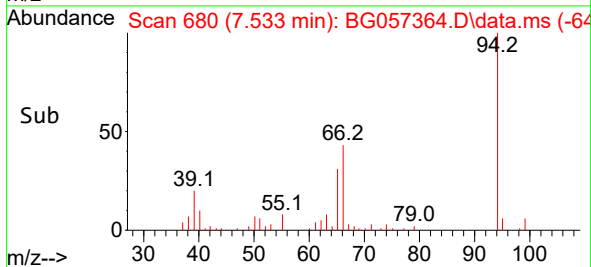
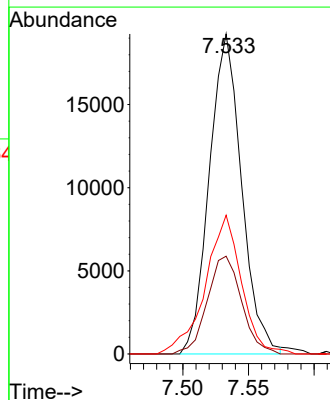
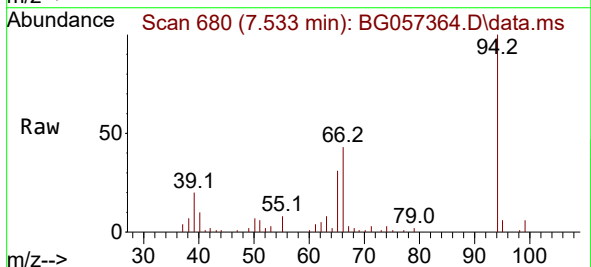
Instrument :
BNA_G
ClientSampleId :
SSTD020483

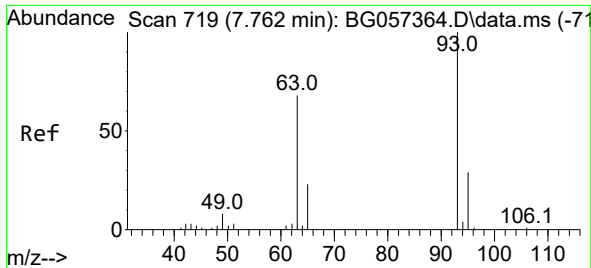
Tgt Ion: 77 Resp: 9473
Ion Ratio Lower Upper
77 100
105 105.1 79.8 119.6
106 93.8 78.7 118.1



#8
Phenol
Concen: 19.958 ng/ul
RT: 7.533 min Scan# 680
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion: 94 Resp: 32930
Ion Ratio Lower Upper
94 100
65 30.5 25.5 38.3
66 43.3 36.9 55.3

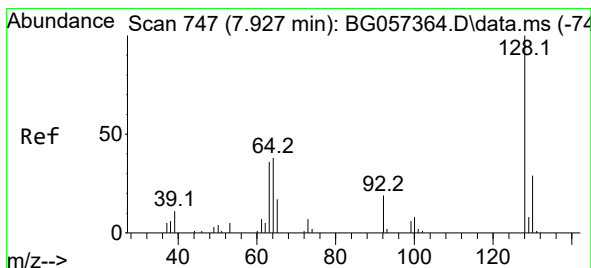
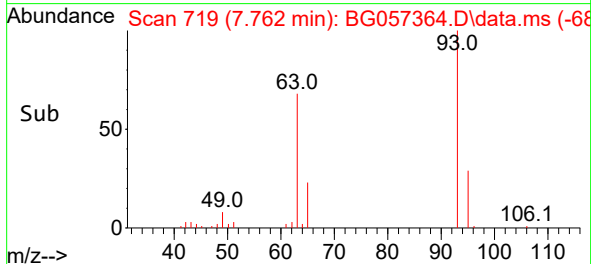
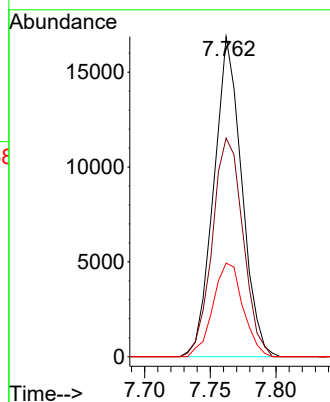
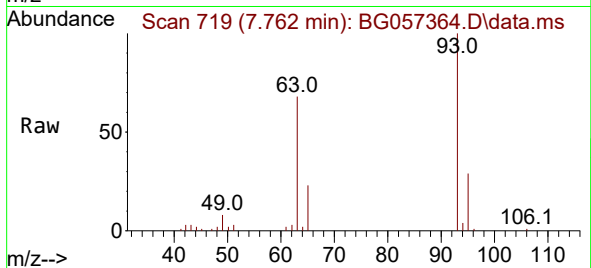




#10
Bis(2-Chloroethyl)ether
Concen: 20.225 ng/ul
RT: 7.762 min Scan# 719
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

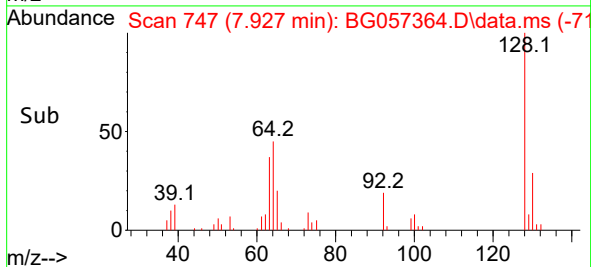
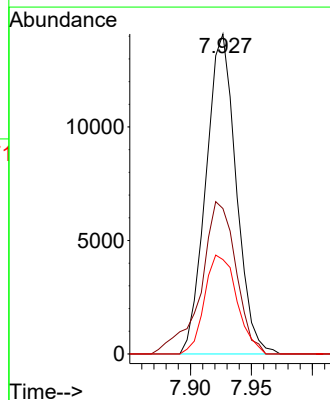
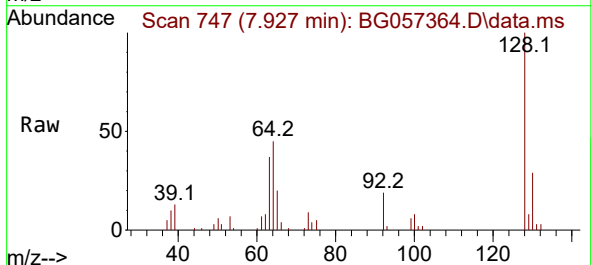
Instrument :
BNA_G
ClientSampleId :
SSTD020483

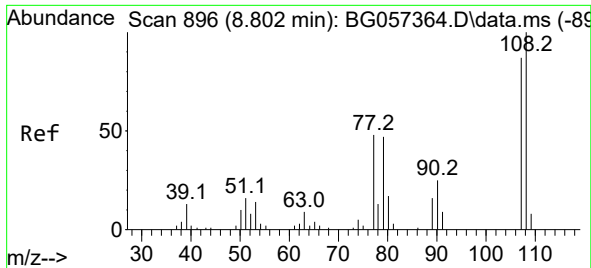
Tgt Ion:	93	Resp:	24975
Ion	Ratio	Lower	Upper
93	100		
63	68.3	67.2	100.8
95	29.3	26.3	39.5



#12
2-Chlorophenol
Concen: 21.420 ng/ul
RT: 7.927 min Scan# 747
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:	128	Resp:	24272
Ion	Ratio	Lower	Upper
128	100		
64	45.5	41.3	61.9
130	29.5	24.6	37.0

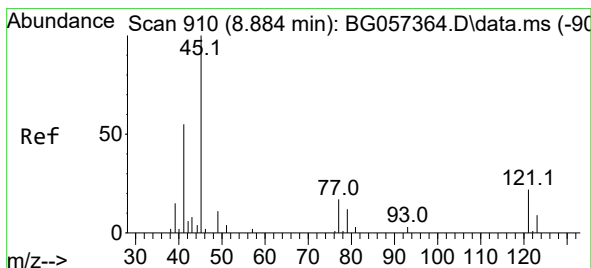
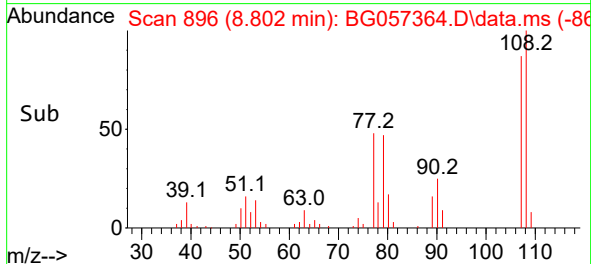
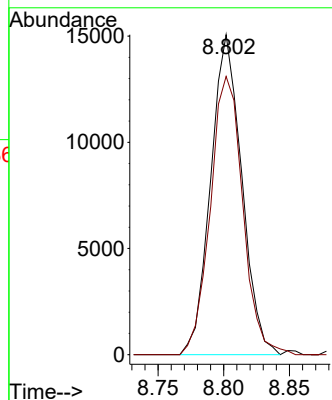
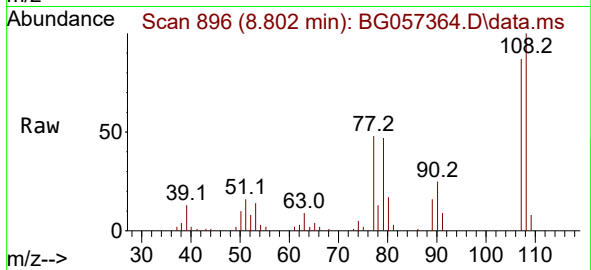




#13
2-Methylphenol
Concen: 19.399 ng/ul
RT: 8.802 min Scan# 896
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

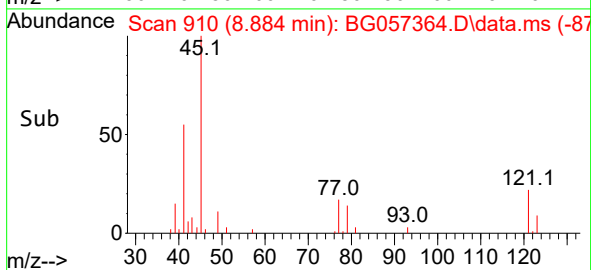
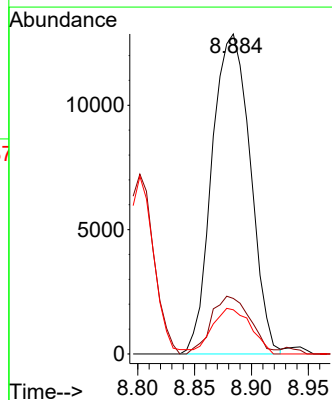
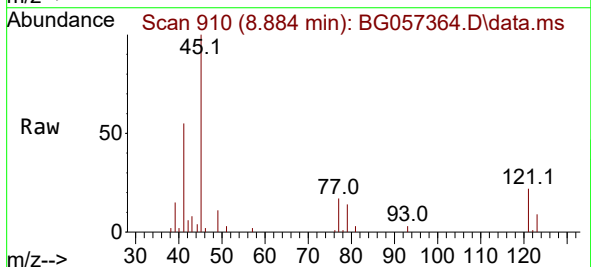
Instrument :
BNA_G
ClientSampleId :
SSTD020483

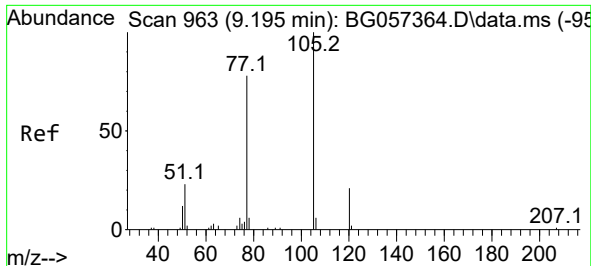
Tgt Ion:108 Resp: 24805
Ion Ratio Lower Upper
108 100
107 87.0 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 18.909 ng/ul
RT: 8.884 min Scan# 910
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion: 45 Resp: 30105
Ion Ratio Lower Upper
45 100
77 17.3 12.9 19.3
79 13.8 8.9 13.3#

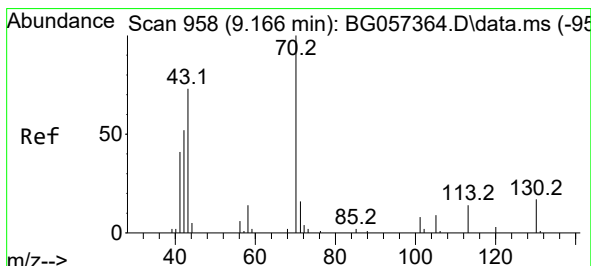
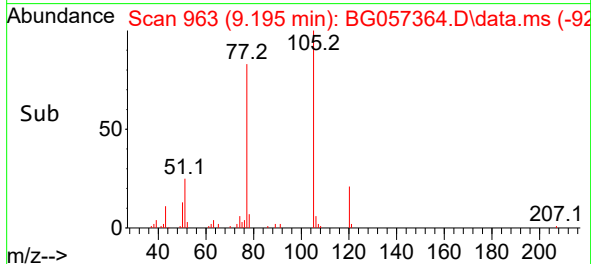
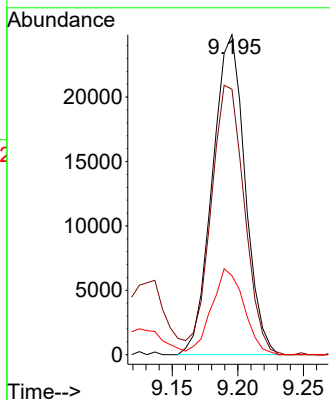
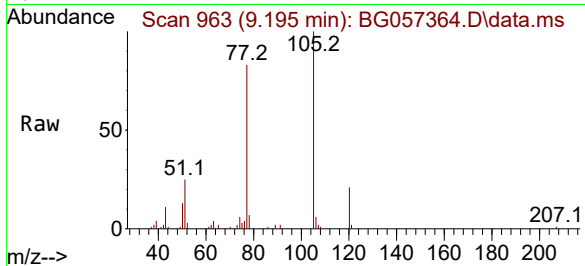




#16
Acetophenone
Concen: 20.060 ng/ul
RT: 9.195 min Scan# 901
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

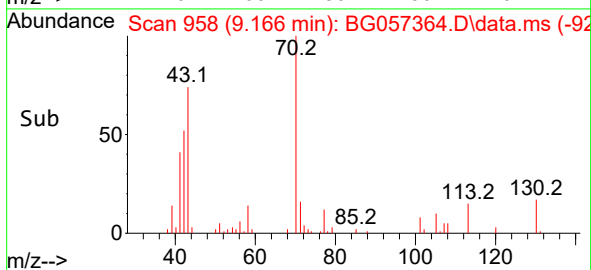
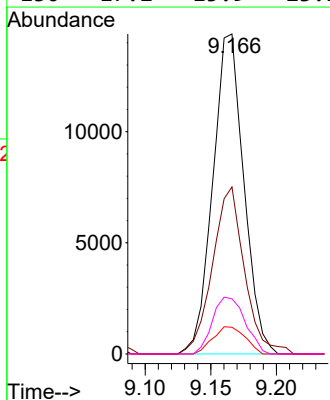
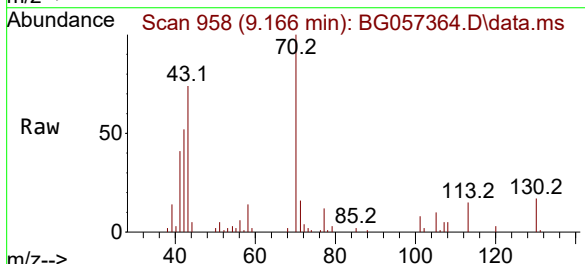
Instrument :
BNA_G
ClientSampleId :
SSTD020483

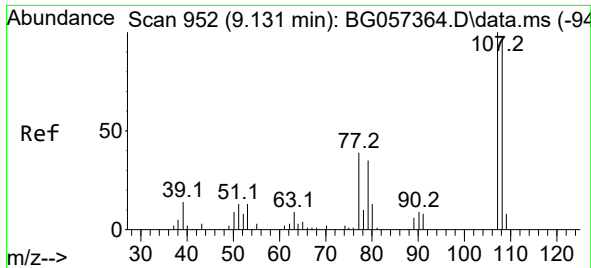
Tgt Ion:105 Resp: 42948
Ion Ratio Lower Upper
105 100
77 83.0 70.6 105.8
51 24.7 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.211 ng/ul
RT: 9.166 min Scan# 958
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion: 70 Resp: 23636
Ion Ratio Lower Upper
70 100
42 52.2 45.0 67.4
101 8.4 6.5 9.7
130 17.2 15.9 23.9

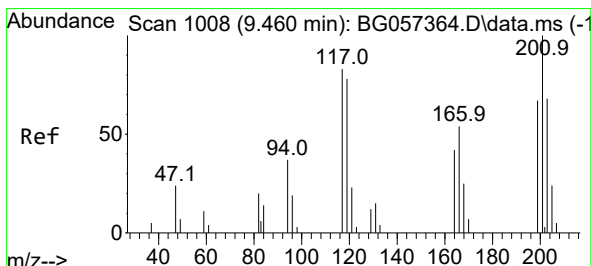
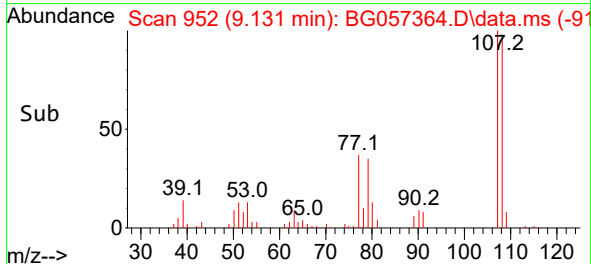
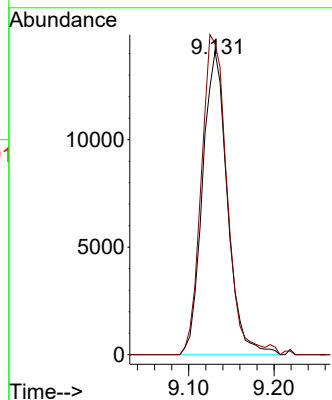
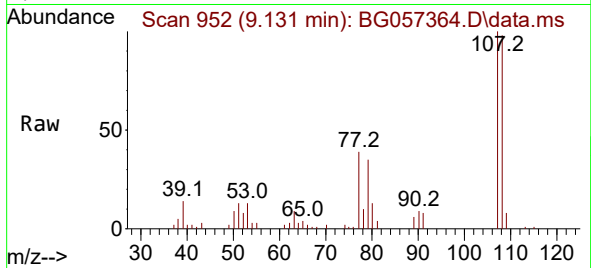




#18
4-Methylphenol
Concen: 20.603 ng/ul
RT: 9.131 min Scan# 91
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

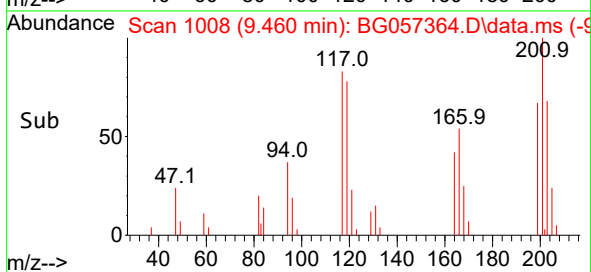
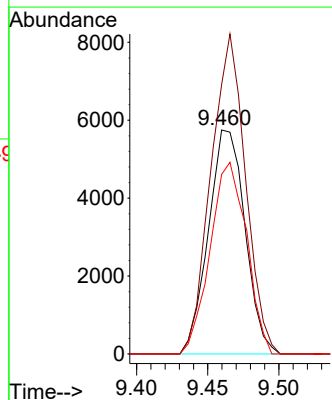
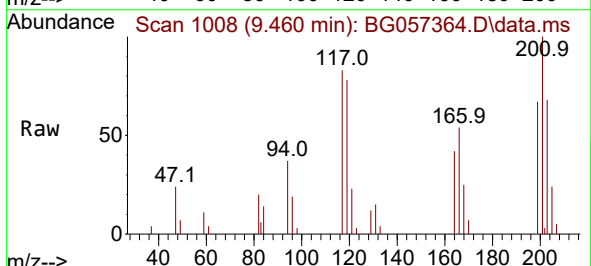
Instrument :
BNA_G
ClientSampleId :
SSTD020483

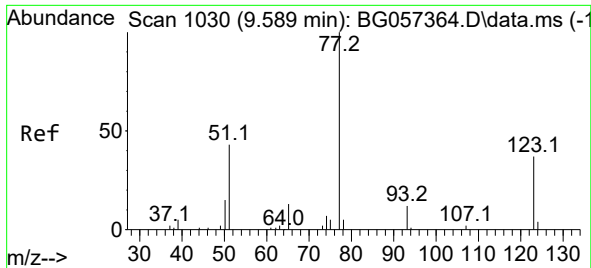
Tgt Ion:108 Resp: 28516
Ion Ratio Lower Upper
108 100
107 102.6 85.1 127.7



#19
Hexachloroethane
Concen: 21.705 ng/ul
RT: 9.460 min Scan# 1008
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:117 Resp: 10290
Ion Ratio Lower Upper
117 100
201 120.3 109.4 164.2
199 80.2 65.4 98.2

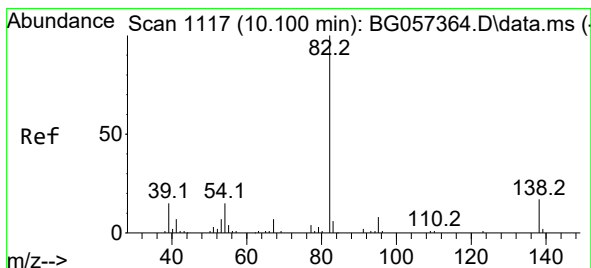
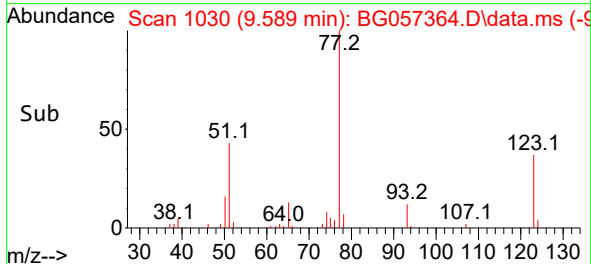
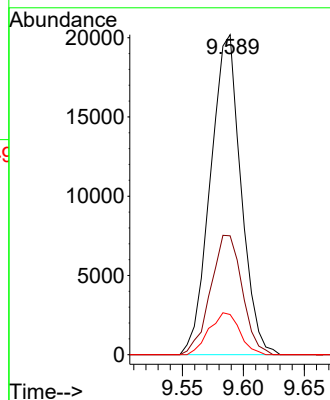
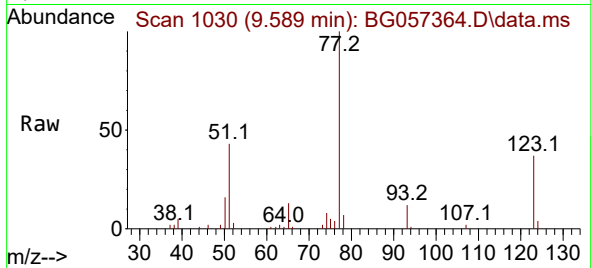




#22
Nitrobenzene
Concen: 20.959 ng/ul
RT: 9.589 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

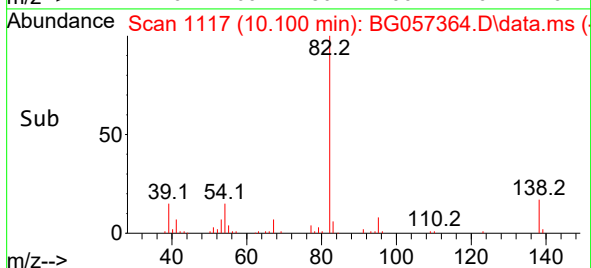
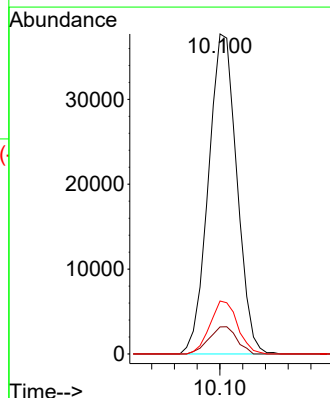
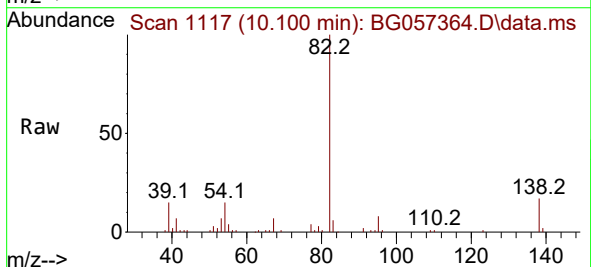
Instrument :
BNA_G
ClientSampleId :
SSTD020483

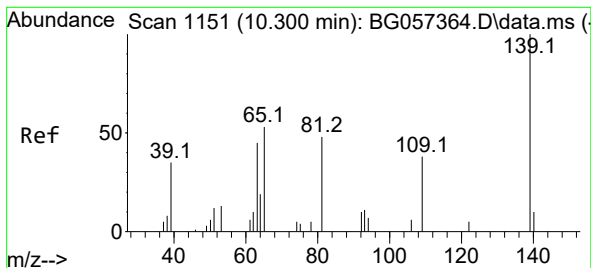
Tgt Ion: 77 Resp: 35131
Ion Ratio Lower Upper
77 100
123 37.1 29.6 44.4
65 12.5 11.4 17.0



#23
Isophorone
Concen: 20.534 ng/ul
RT: 10.100 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion: 82 Resp: 65484
Ion Ratio Lower Upper
82 100
95 8.5 6.8 10.2
138 16.5 12.2 18.2

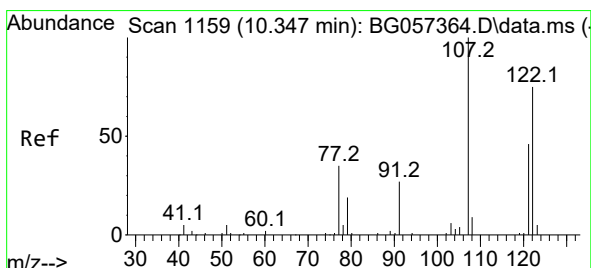
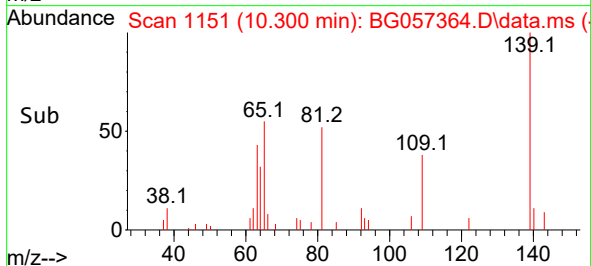
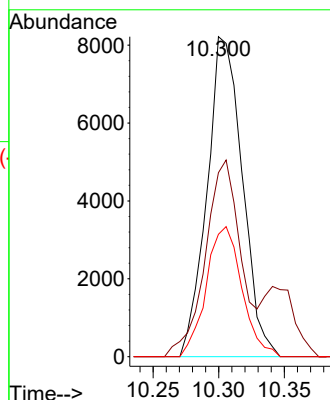
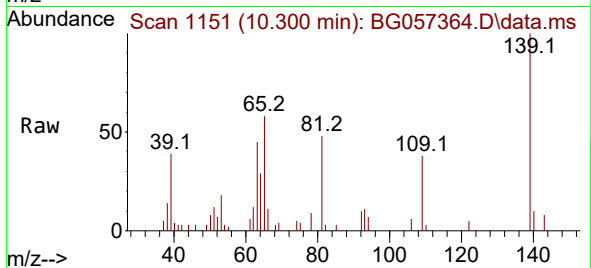




#25
2-Nitrophenol
Concen: 23.130 ng/ul
RT: 10.300 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

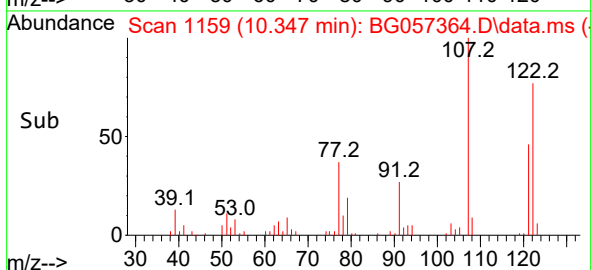
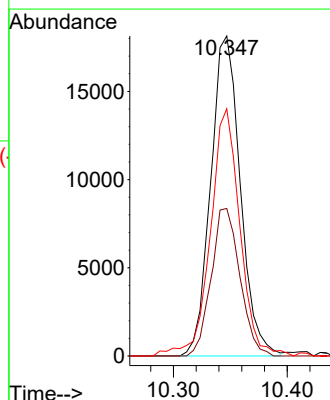
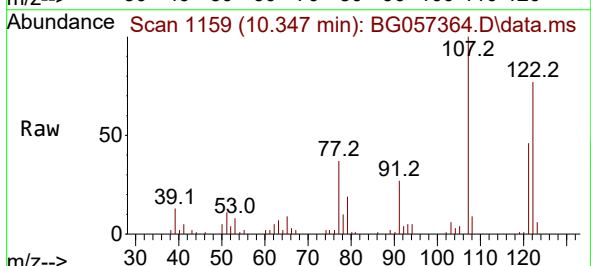
Instrument :
BNA_G
ClientSampleId :
SSTD020483

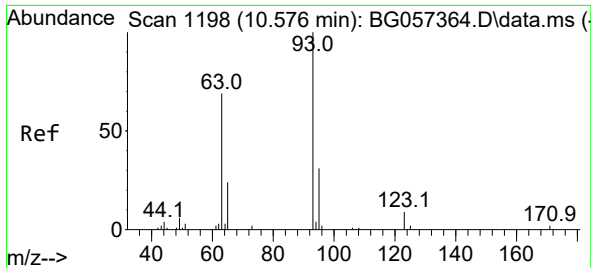
Tgt Ion:139 Resp: 15390
Ion Ratio Lower Upper
139 100
65 57.5 48.7 73.1
109 38.3 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.733 ng/ul
RT: 10.347 min Scan# 1159
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:107 Resp: 32804
Ion Ratio Lower Upper
107 100
121 46.1 35.4 53.0
122 77.3 57.0 85.4

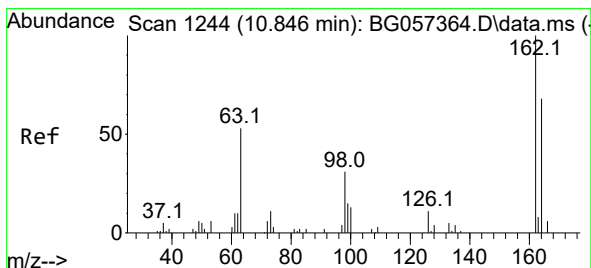
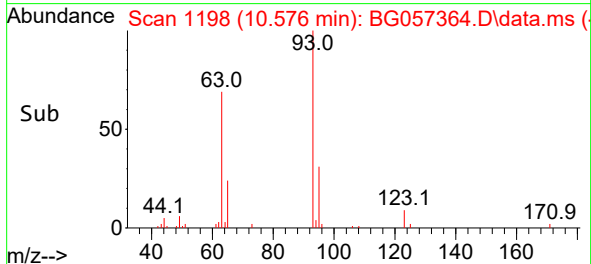
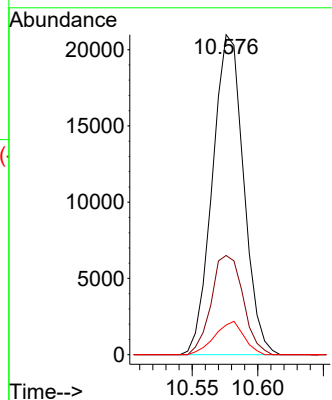
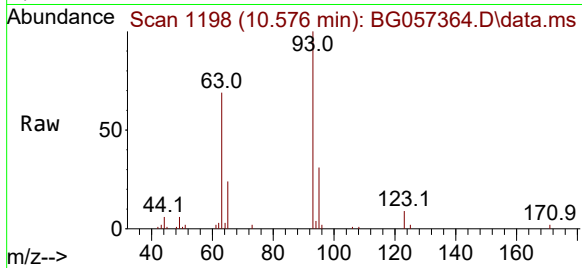




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.908 ng/ul
 RT: 10.576 min Scan# 1198
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

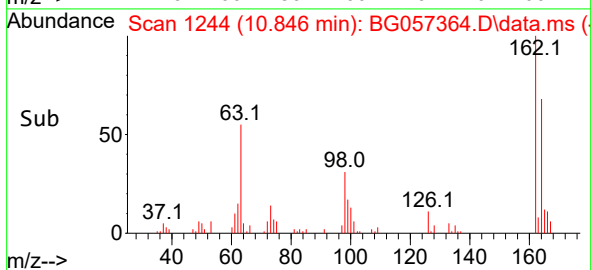
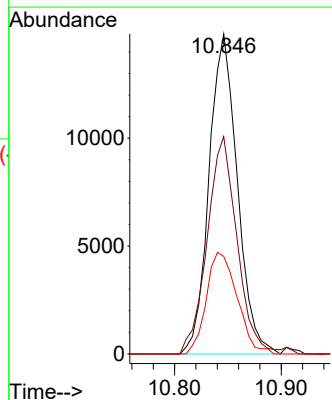
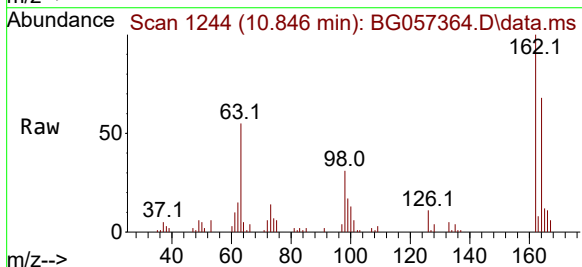
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

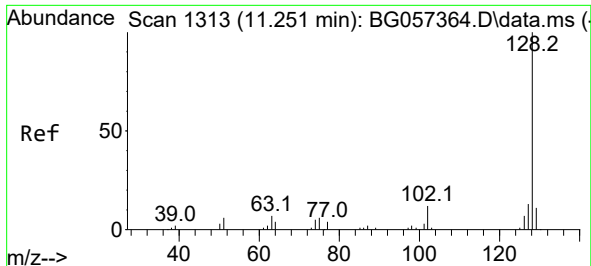
Tgt Ion: 93 Resp: 34660
 Ion Ratio Lower Upper
 93 100
 95 31.0 24.8 37.2
 123 9.3 8.1 12.1



#29
 2,4-Dichlorophenol
 Concen: 22.704 ng/ul
 RT: 10.846 min Scan# 1244
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:162 Resp: 27313
 Ion Ratio Lower Upper
 162 100
 164 67.9 50.5 75.7
 98 30.5 27.5 41.3

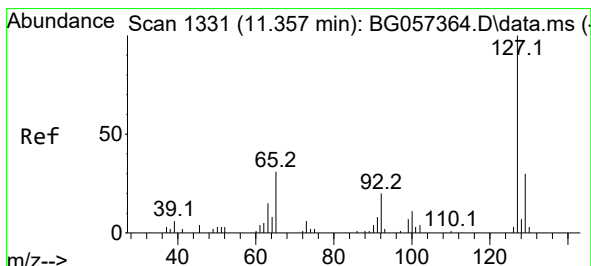
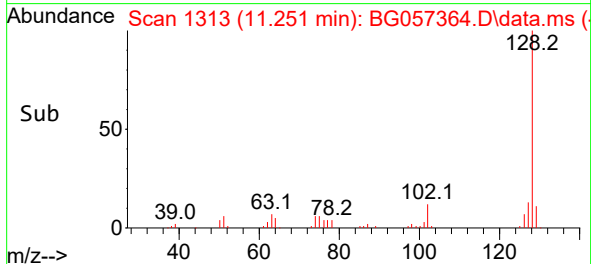
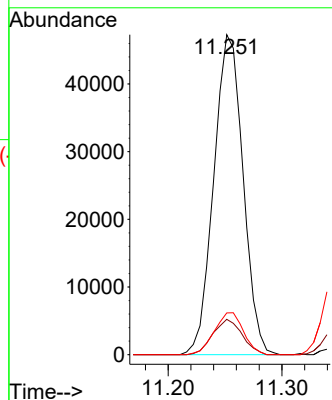
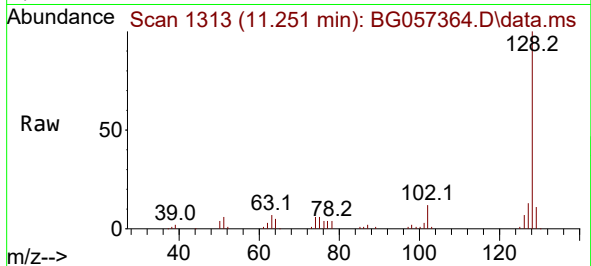




#30
Naphthalene
Concen: 21.813 ng/ul
RT: 11.251 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

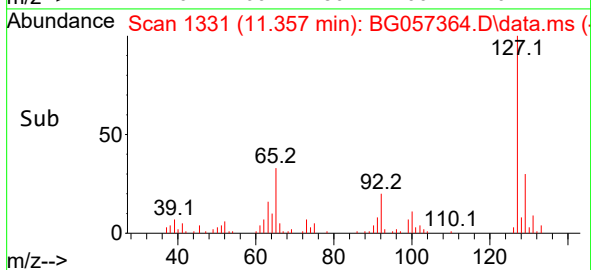
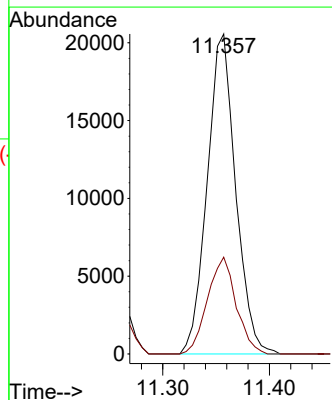
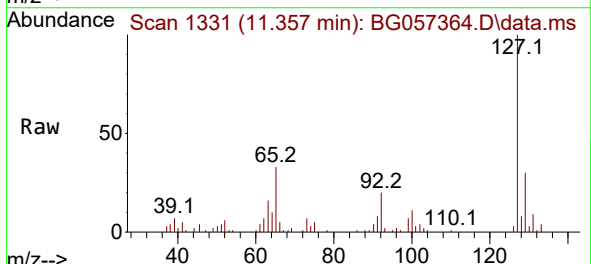
Instrument :
BNA_G
ClientSampleId :
SSTD020483

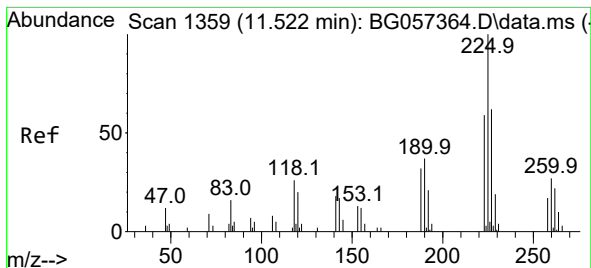
Tgt Ion:128 Resp: 84656
Ion Ratio Lower Upper
128 100
129 11.1 8.5 12.7
127 13.1 11.4 17.0



#32
4-Chloroaniline
Concen: 21.779 ng/ul
RT: 11.357 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:127 Resp: 38119
Ion Ratio Lower Upper
127 100
129 30.3 25.4 38.0

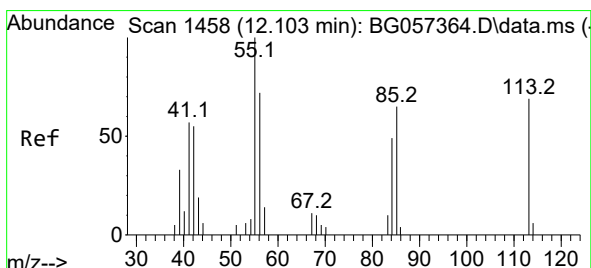
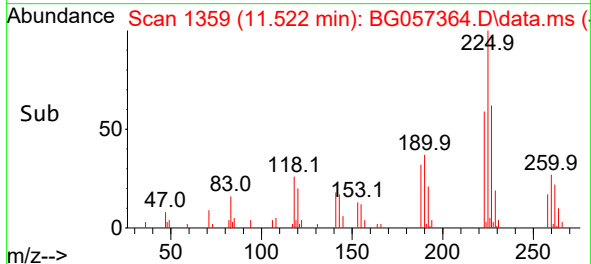
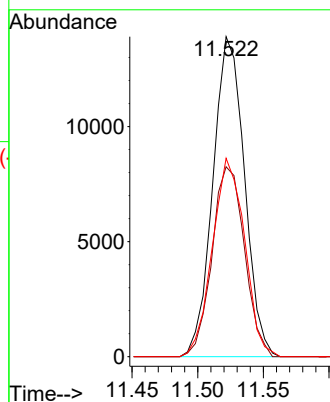
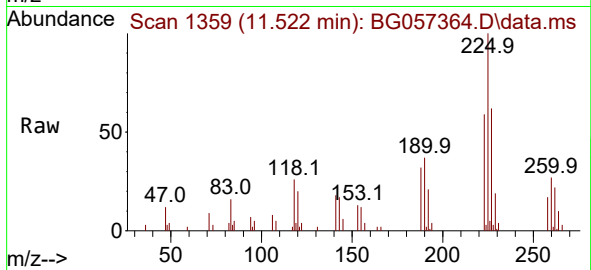




#33
Hexachlorobutadiene
Concen: 22.759 ng/ul
RT: 11.522 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

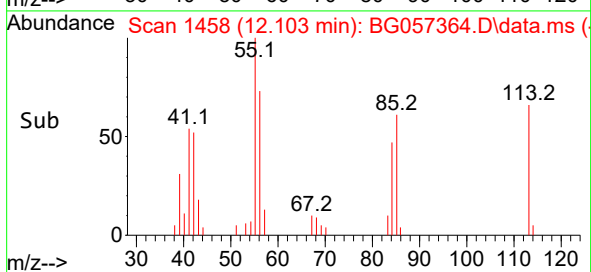
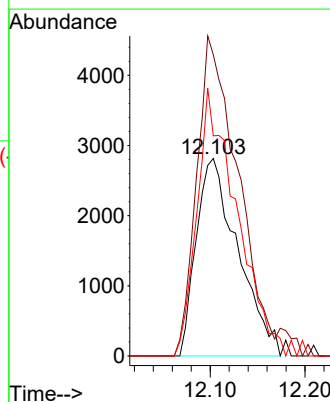
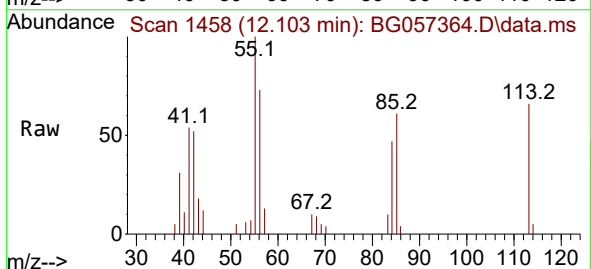
Instrument :
BNA_G
ClientSampleId :
SSTD020483

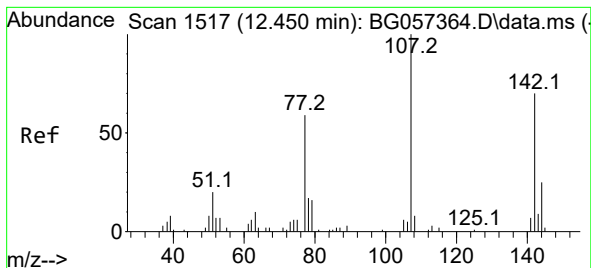
Tgt Ion:225 Resp: 23222
Ion Ratio Lower Upper
225 100
223 59.3 47.5 71.3
227 62.0 48.4 72.6



#34
Caprolactam
Concen: 21.223 ng/ul
RT: 12.103 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:113 Resp: 8595
Ion Ratio Lower Upper
113 100
55 152.5 123.1 184.7
56 111.5 98.7 148.1

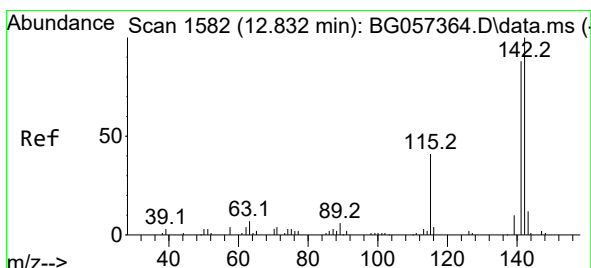
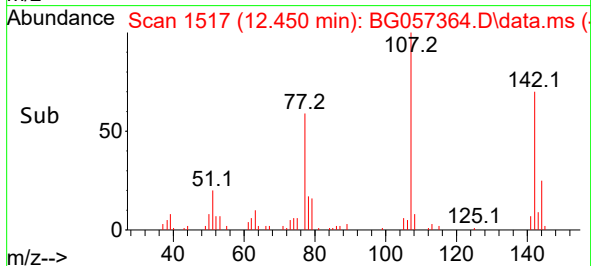
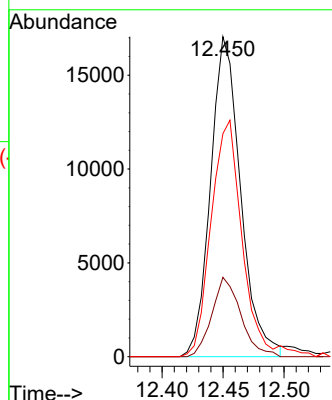
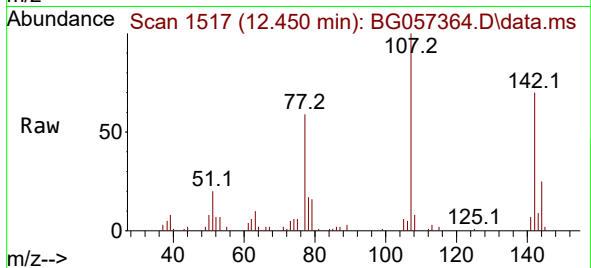




#35
 4-Chloro-3-methylphenol
 Concen: 21.163 ng/ul
 RT: 12.450 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

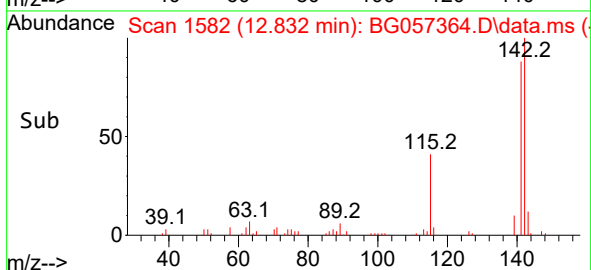
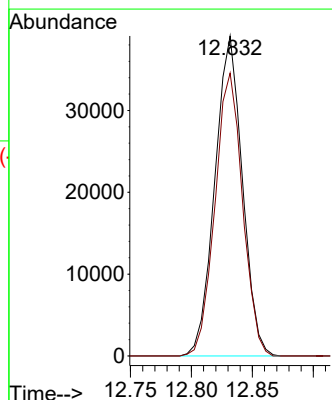
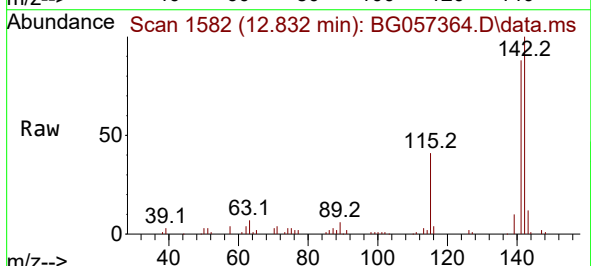
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

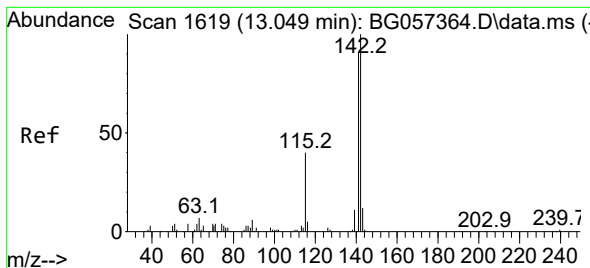
Tgt Ion:107 Resp: 29293
 Ion Ratio Lower Upper
 107 100
 144 24.8 18.3 27.5
 142 69.7 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 21.579 ng/ul
 RT: 12.832 min Scan# 1582
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:142 Resp: 61415
 Ion Ratio Lower Upper
 142 100
 141 88.4 68.7 103.1





#37

1-Methylnaphthalene

Concen: 21.962 ng/ul

RT: 13.049 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

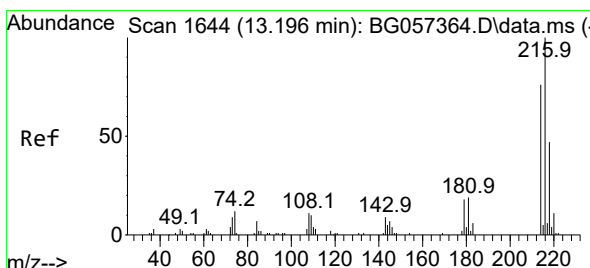
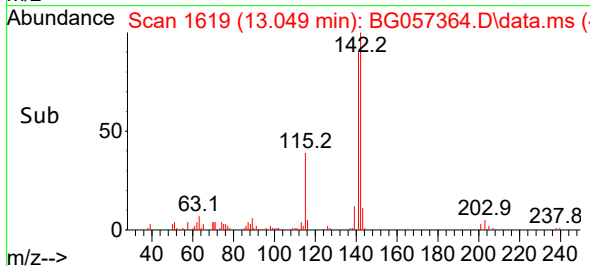
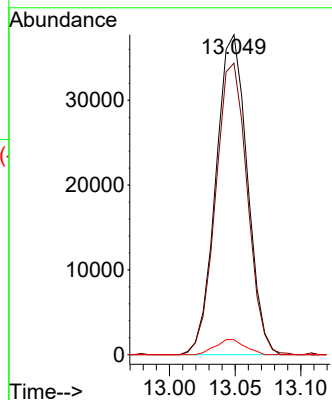
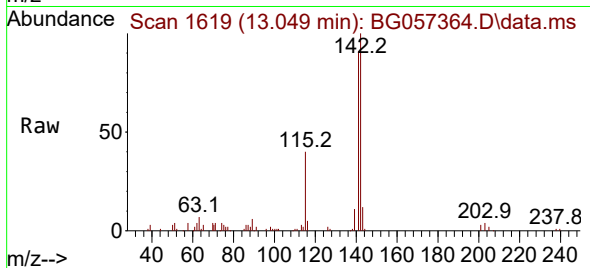
Tgt Ion:142 Resp: 62851

Ion Ratio Lower Upper

142 100

141 91.1 72.9 109.3

116 4.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.171 ng/ul

RT: 13.196 min Scan# 1644

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Tgt Ion:216 Resp: 44806

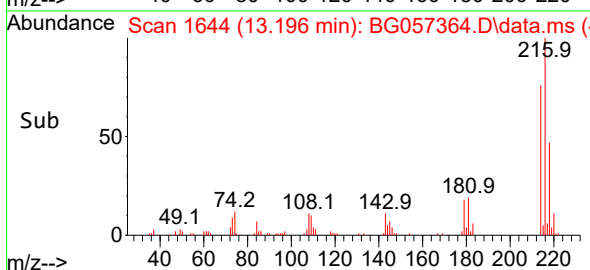
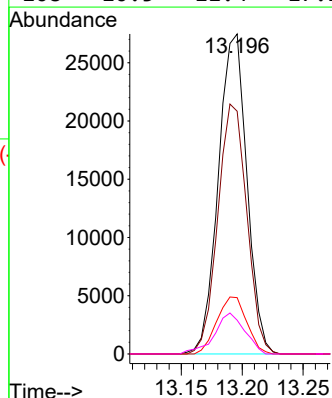
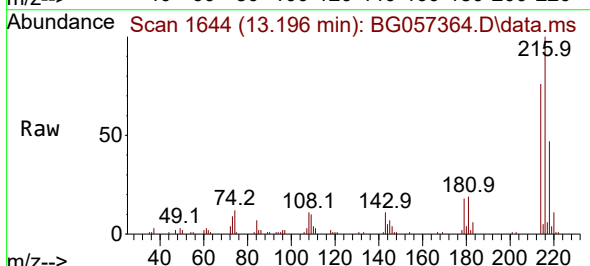
Ion Ratio Lower Upper

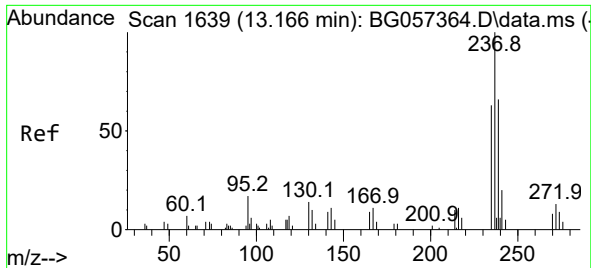
216 100

214 75.9 62.9 94.3

179 17.6 15.3 22.9

108 10.5 11.4 17.2#

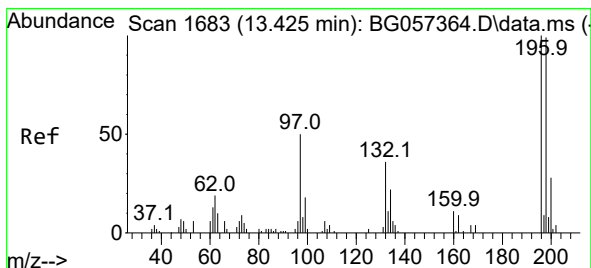
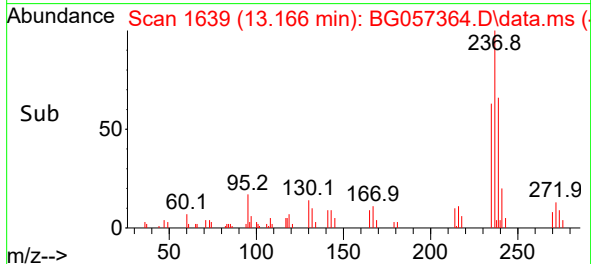
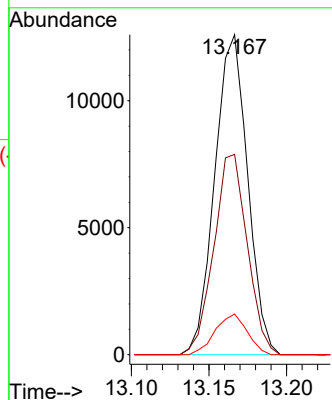
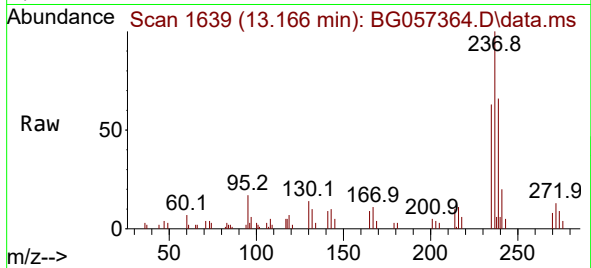




#40
Hexachlorocyclopentadiene
Concen: 18.393 ng/ul
RT: 13.166 min Scan# 1639
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

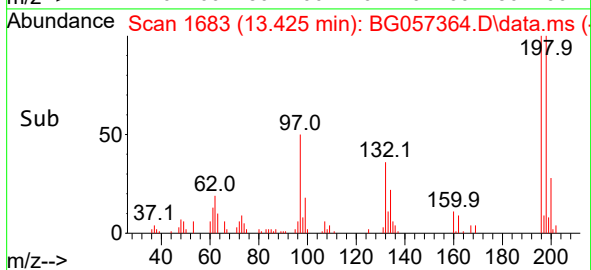
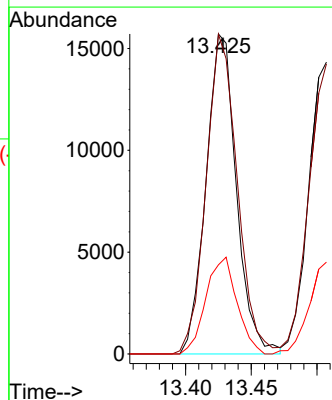
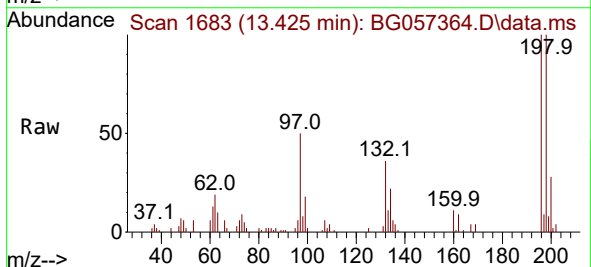
Instrument :
BNA_G
ClientSampleId :
SSTD020483

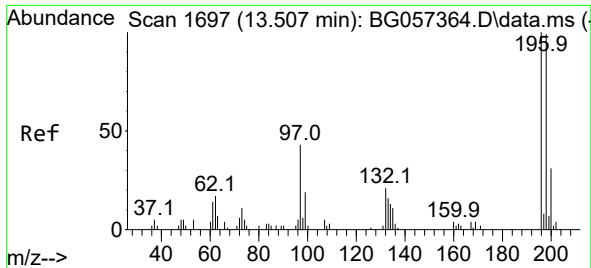
Tgt Ion:237 Resp: 18549
Ion Ratio Lower Upper
237 100
235 62.6 51.4 77.0
272 12.7 9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 21.522 ng/ul
RT: 13.425 min Scan# 1683
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:196 Resp: 25331
Ion Ratio Lower Upper
196 100
198 99.9 83.8 125.8
200 27.8 26.6 40.0

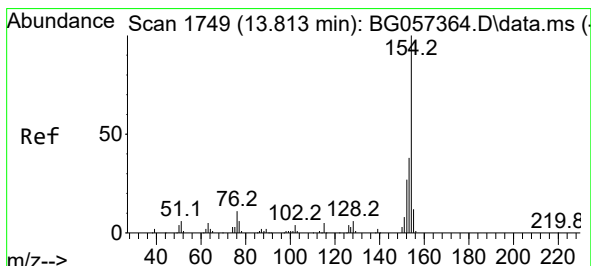
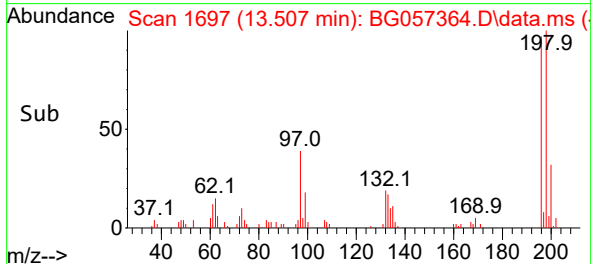
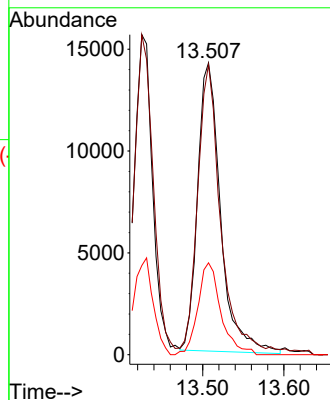
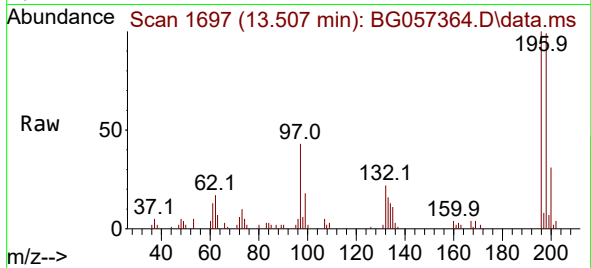




#42
2,4,5-Trichlorophenol
Concen: 22.006 ng/ul
RT: 13.507 min Scan# 1697
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

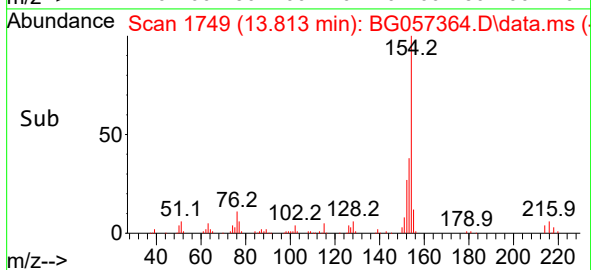
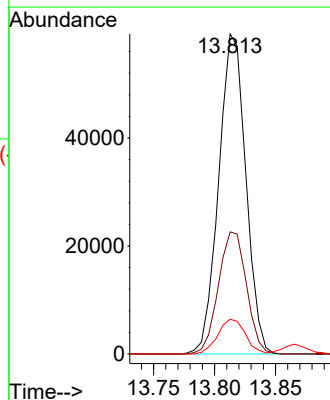
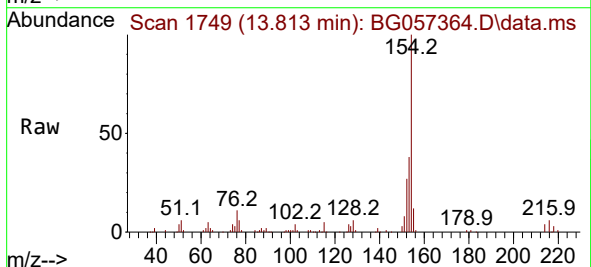
Instrument :
BNA_G
ClientSampleId :
SSTD020483

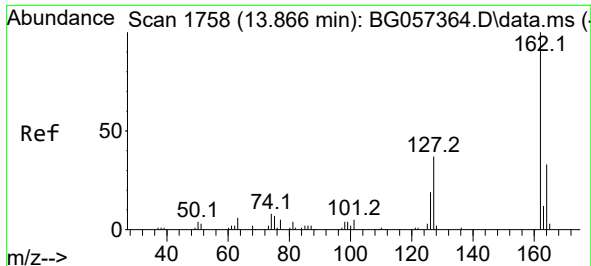
Tgt Ion:196 Resp: 27808
Ion Ratio Lower Upper
196 100
198 99.4 85.7 128.5
200 31.5 29.9 44.9



#43
1,1'-Biphenyl
Concen: 21.621 ng/ul
RT: 13.813 min Scan# 1749
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:154 Resp: 91744
Ion Ratio Lower Upper
154 100
153 38.2 31.6 47.4
76 10.9 8.0 12.0

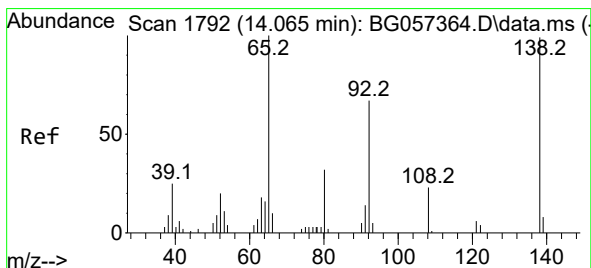
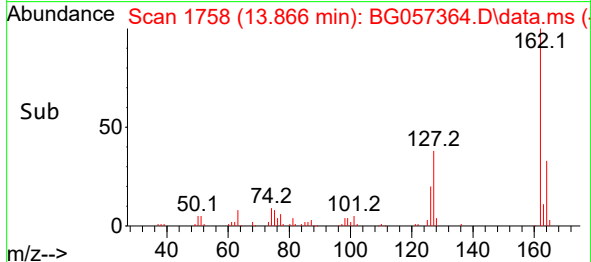
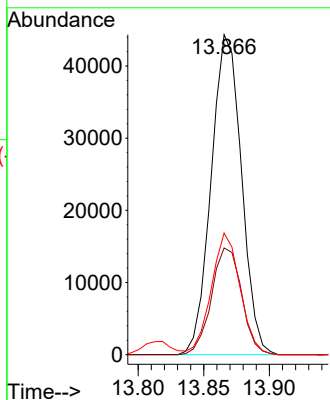
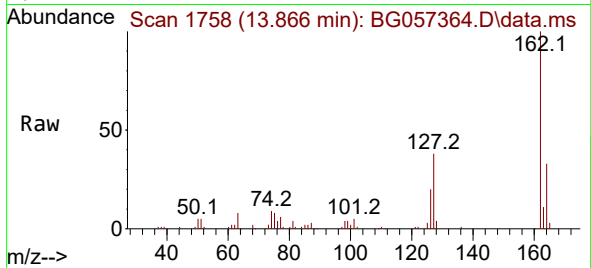




#44
2-Chloronaphthalene
Concen: 21.636 ng/ul
RT: 13.866 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

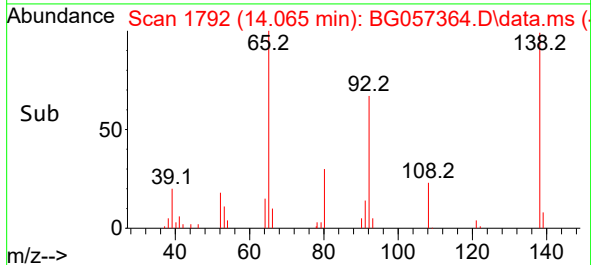
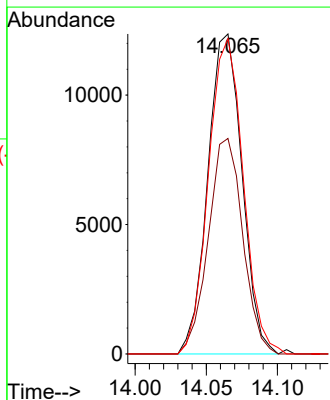
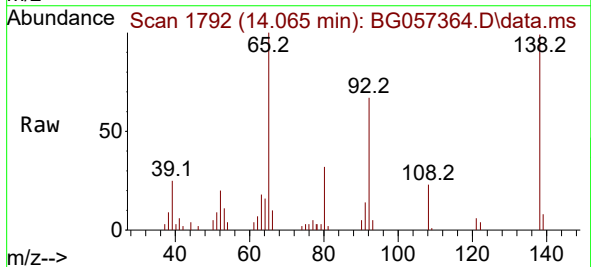
Instrument :
BNA_G
ClientSampleId :
SSTD020483

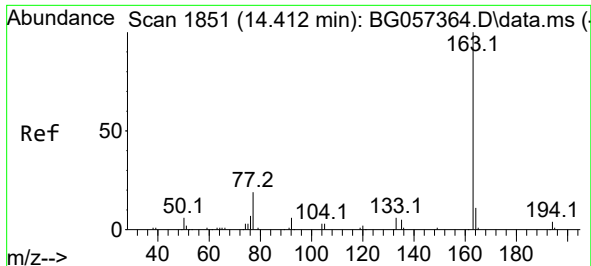
Tgt Ion:	162	Resp:	71186
Ion Ratio	Lower	Upper	
162	100		
164	33.4	26.2	39.4
127	38.0	29.4	44.2



#45
2-Nitroaniline
Concen: 20.838 ng/ul
RT: 14.065 min Scan# 1792
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:	65	Resp:	20697
Ion Ratio	Lower	Upper	
65	100		
92	67.3	51.8	77.6
138	98.5	71.9	107.9

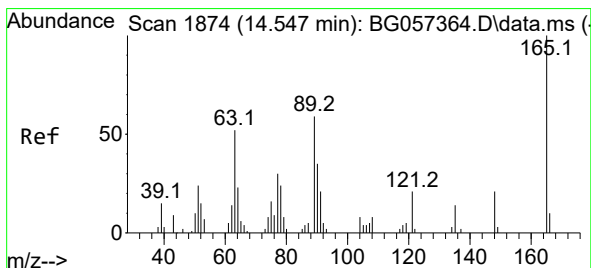
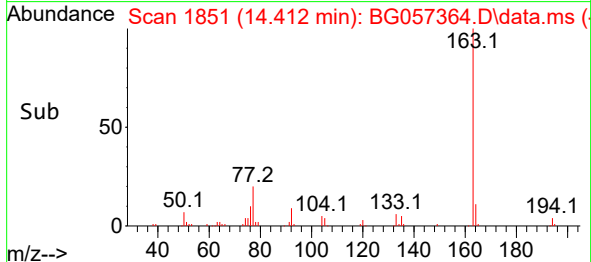
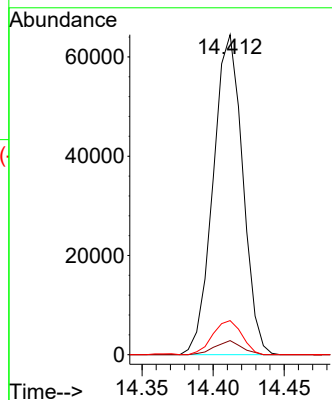
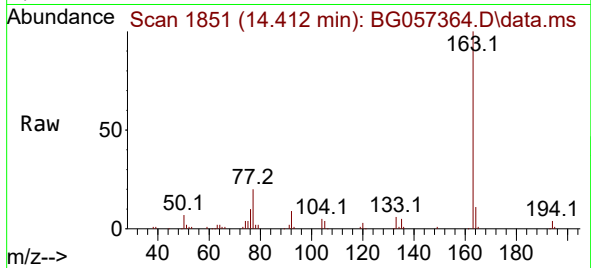




#47
Dimethylphthalate
Concen: 21.066 ng/ul
RT: 14.412 min Scan# 1851
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

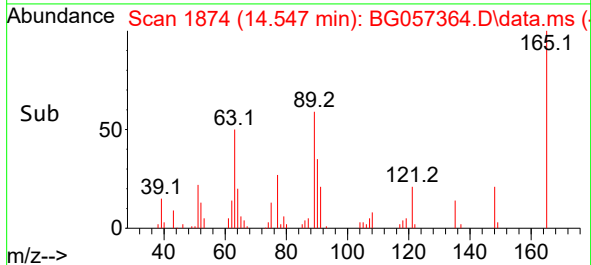
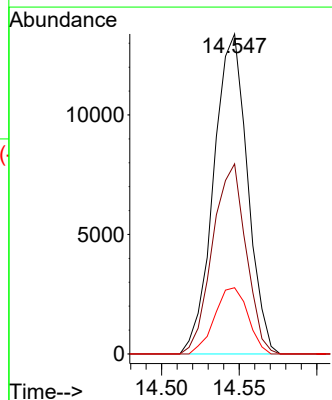
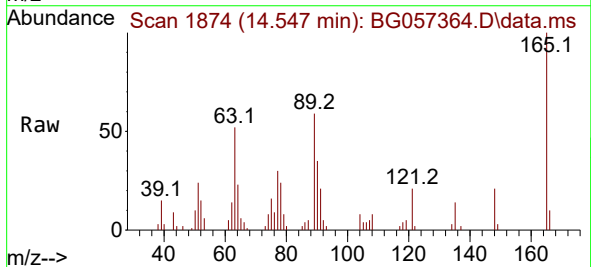
Instrument :
BNA_G
ClientSampleId :
SSTD020483

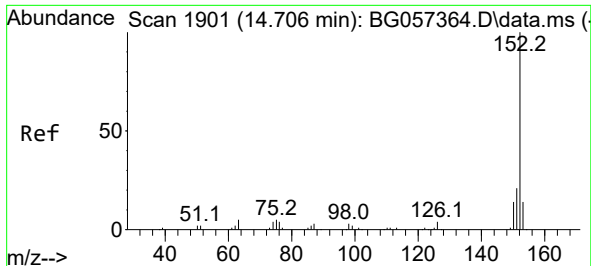
Tgt Ion:163 Resp: 93219
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.6 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 22.280 ng/ul
RT: 14.547 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:165 Resp: 20289
Ion Ratio Lower Upper
165 100
89 59.4 50.6 76.0
121 20.7 16.8 25.2

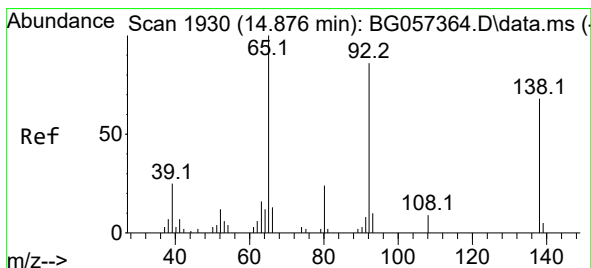
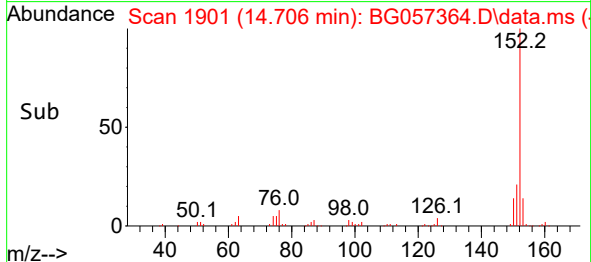
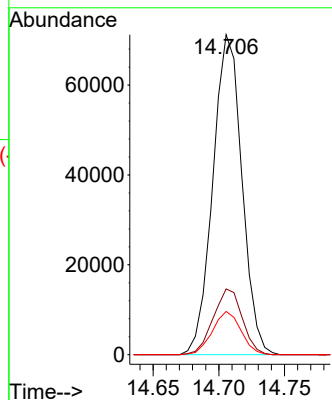
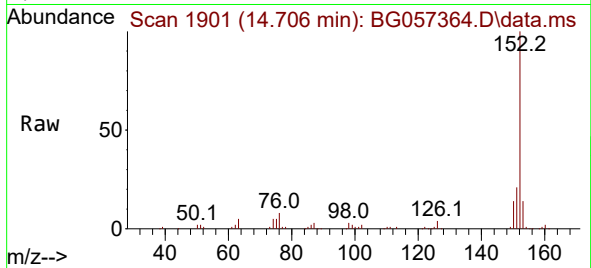




#50
Acenaphthylene
Concen: 21.801 ng/ul
RT: 14.706 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

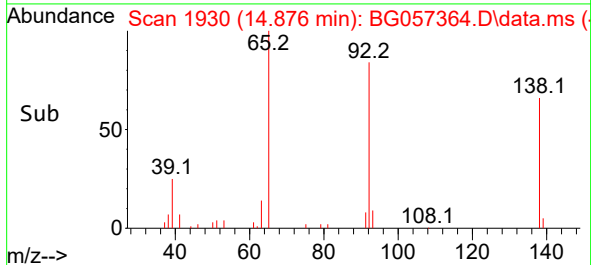
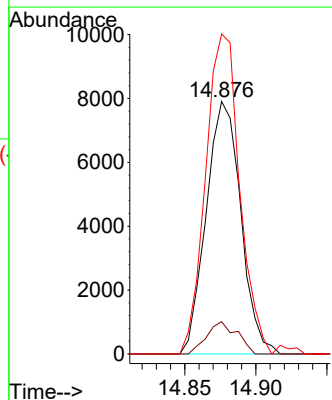
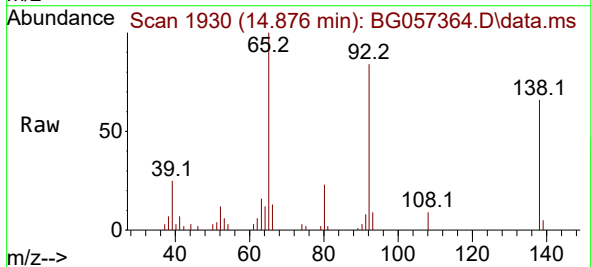
Instrument :
BNA_G
ClientSampleId :
SSTD020483

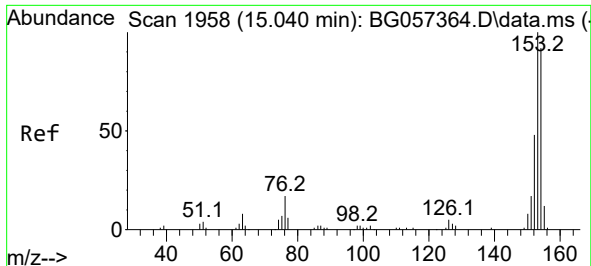
Tgt Ion:152 Resp: 109717
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 13.5 10.1 15.1



#51
3-Nitroaniline
Concen: 20.747 ng/ul
RT: 14.876 min Scan# 1930
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:138 Resp: 13387
Ion Ratio Lower Upper
138 100
108 12.8 9.2 13.8
92 126.7 99.5 149.3

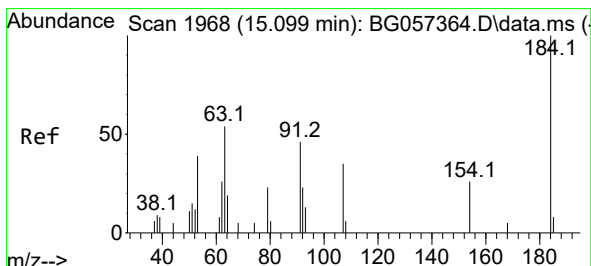
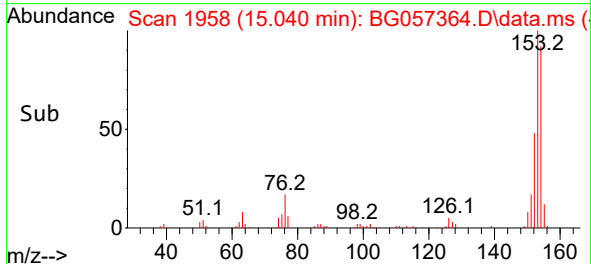
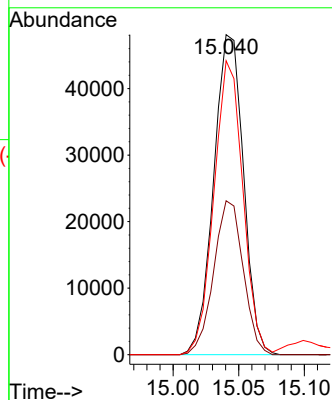
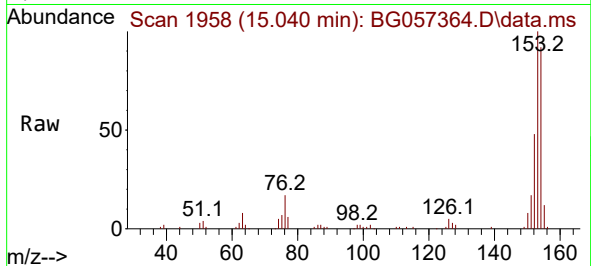




#52
Acenaphthene
Concen: 21.197 ng/ul
RT: 15.040 min Scan# 1958
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

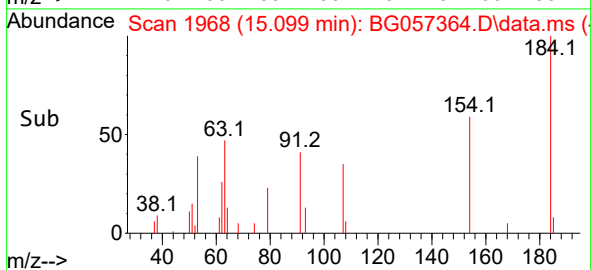
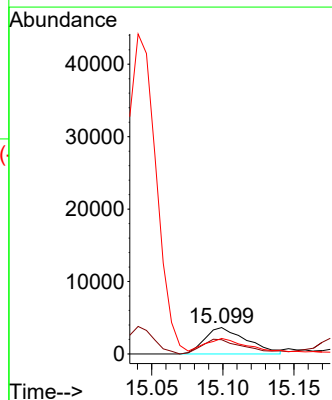
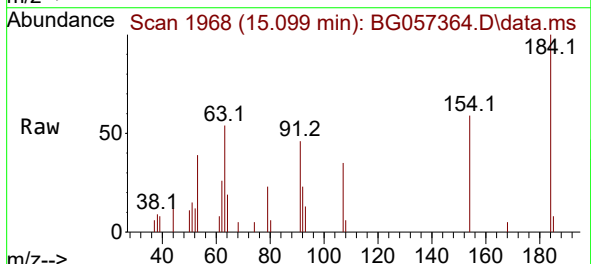
Instrument :
BNA_G
ClientSampleId :
SSTD020483

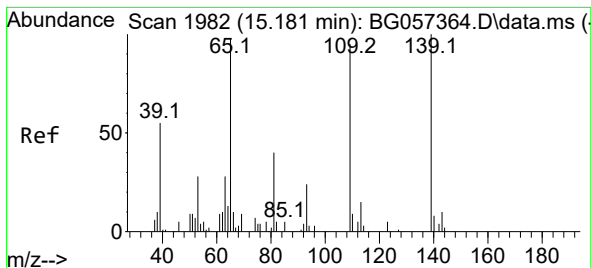
Tgt Ion:153 Resp: 76008
Ion Ratio Lower Upper
153 100
152 48.1 36.5 54.7
154 91.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 15.426 ng/ul
RT: 15.099 min Scan# 1968
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:184 Resp: 7481
Ion Ratio Lower Upper
184 100
63 53.8 48.3 72.5
154 58.6 50.0 75.0

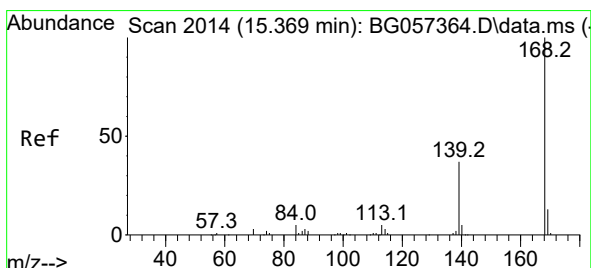
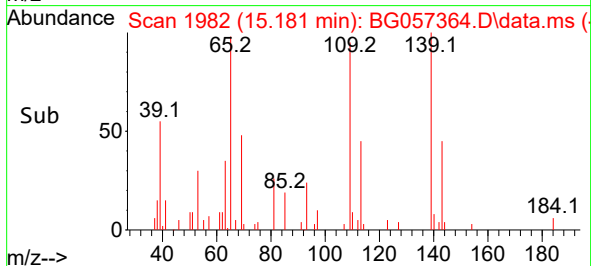
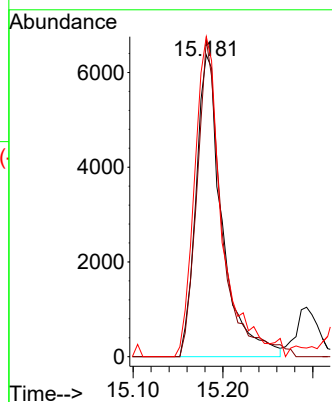
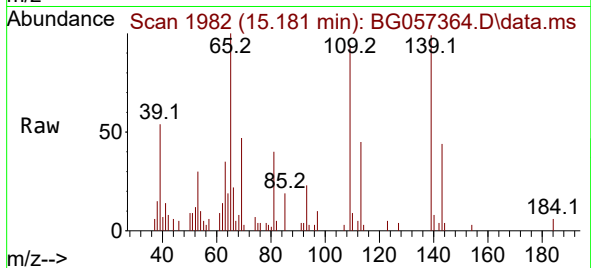




#55
4-Nitrophenol
Concen: 17.731 ng/ul
RT: 15.181 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

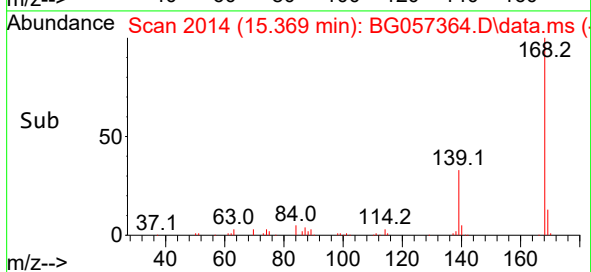
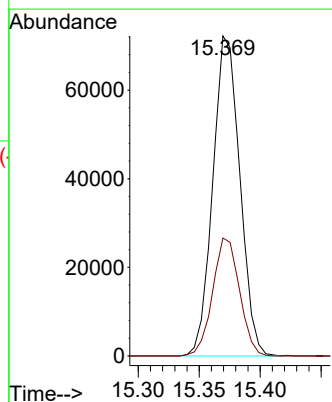
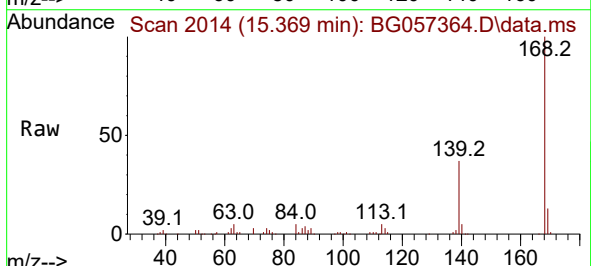
Instrument :
BNA_G
ClientSampleId :
SSTD020483

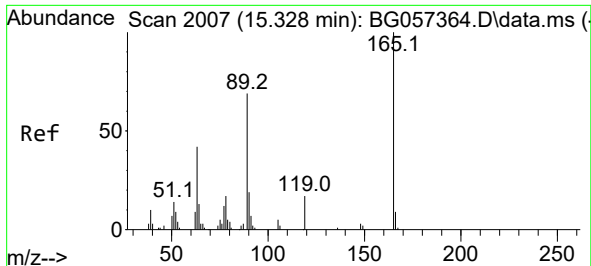
Tgt Ion:109 Resp: 12892
Ion Ratio Lower Upper
109 100
139 105.0 73.8 110.8
65 106.0 81.7 122.5



#56
Dibenzofuran
Concen: 21.472 ng/ul
RT: 15.369 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:168 Resp: 111187
Ion Ratio Lower Upper
168 100
139 36.8 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 21.791 ng/ul

RT: 15.328 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

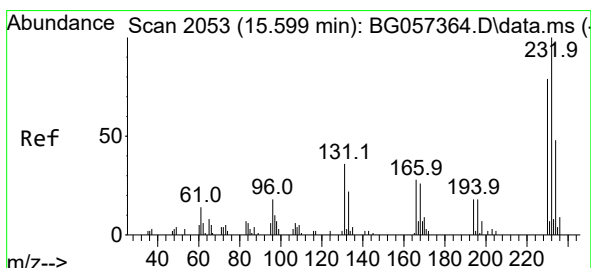
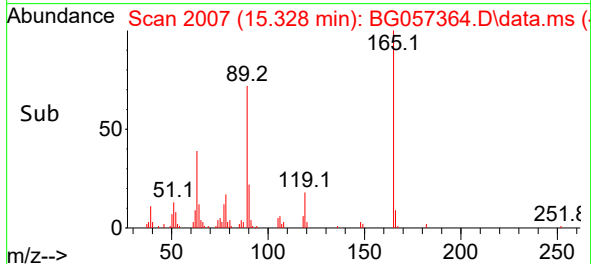
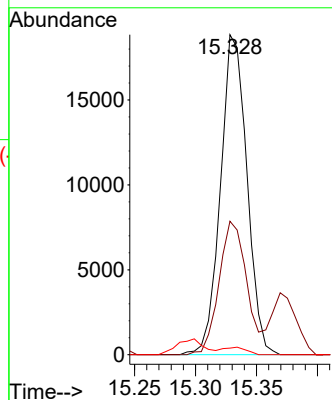
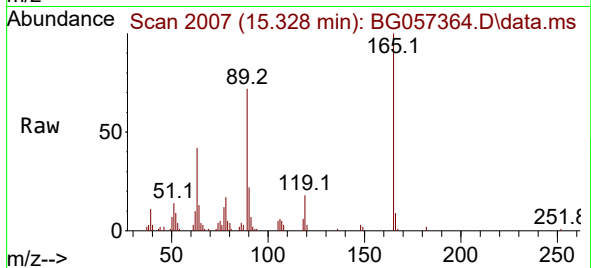
Tgt Ion:165 Resp: 28408

Ion Ratio Lower Upper

165 100

63 41.7 35.9 53.9

182 2.0 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.921 ng/ul

RT: 15.599 min Scan# 2053

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Tgt Ion:232 Resp: 25171

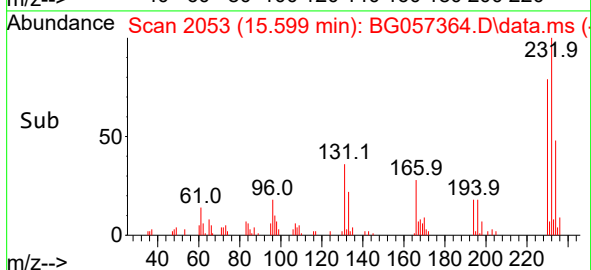
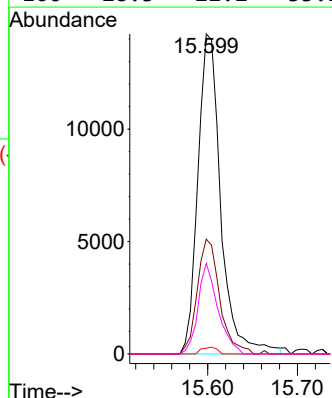
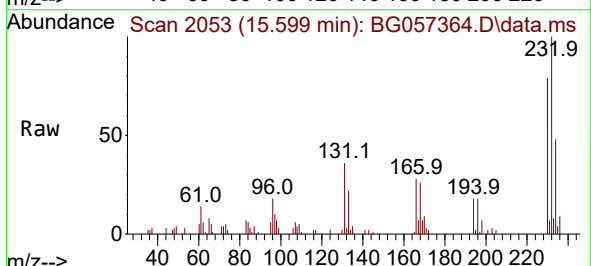
Ion Ratio Lower Upper

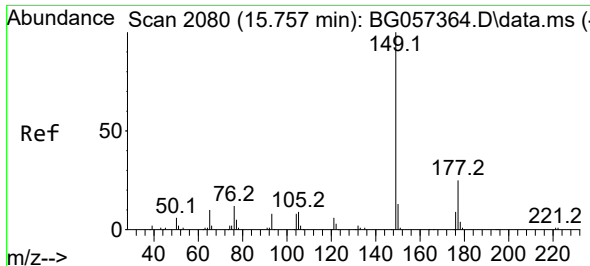
232 100

131 35.9 28.6 43.0

130 1.8 1.8 2.6

166 28.3 22.2 33.2

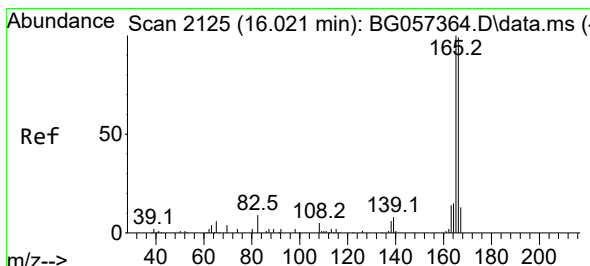
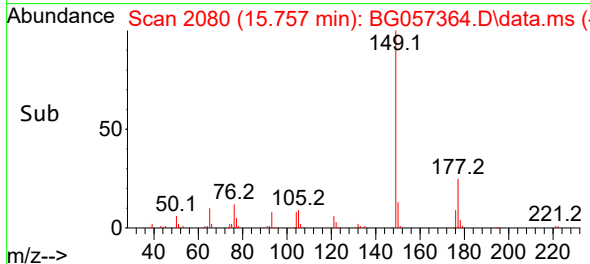
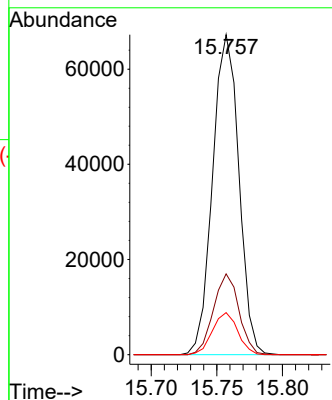
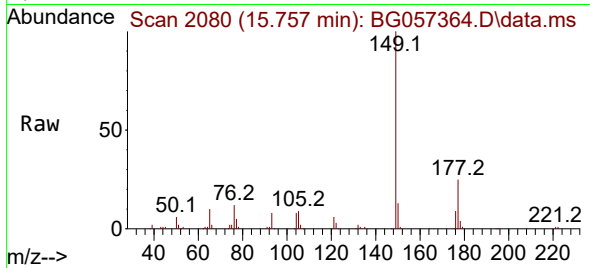




#59
Diethylphthalate
Concen: 20.812 ng/ul
RT: 15.757 min Scan# 2080
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

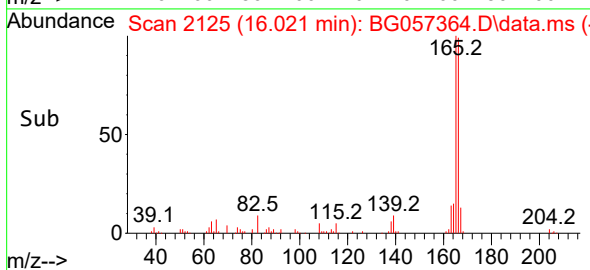
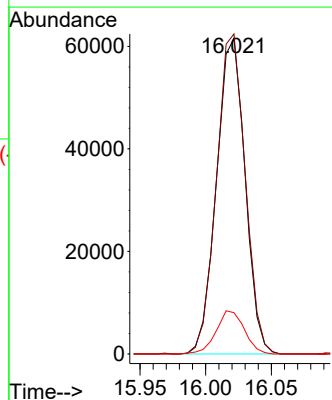
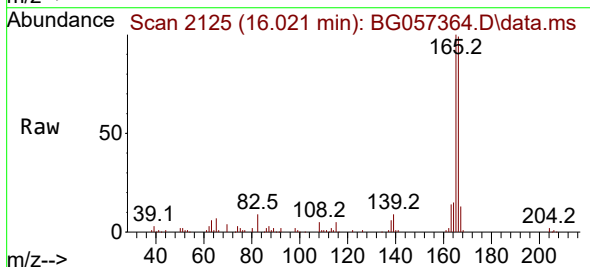
Instrument :
BNA_G
ClientSampleId :
SSTD020483

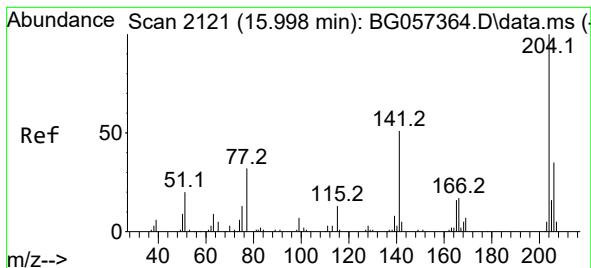
Tgt Ion:149 Resp: 93566
Ion Ratio Lower Upper
149 100
177 25.3 18.6 28.0
150 13.1 9.8 14.8



#61
Fluorene
Concen: 21.243 ng/ul
RT: 16.021 min Scan# 2125
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:166 Resp: 93013
Ion Ratio Lower Upper
166 100
165 101.4 80.1 120.1
167 13.1 10.2 15.4

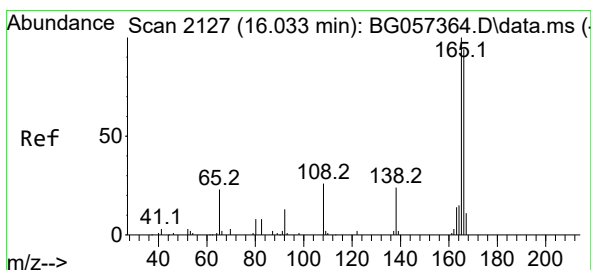
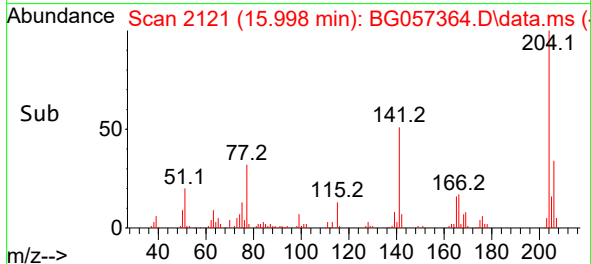
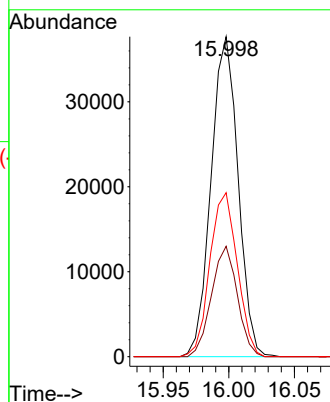
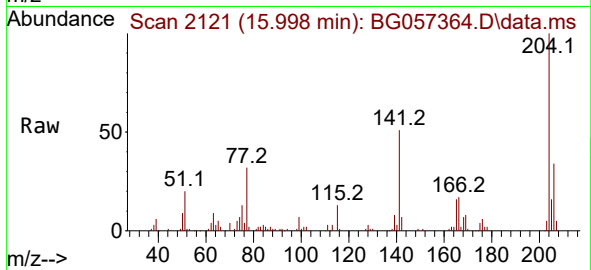




#62
4-Chlorophenyl-phenylether
Concen: 21.118 ng/ul
RT: 15.998 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

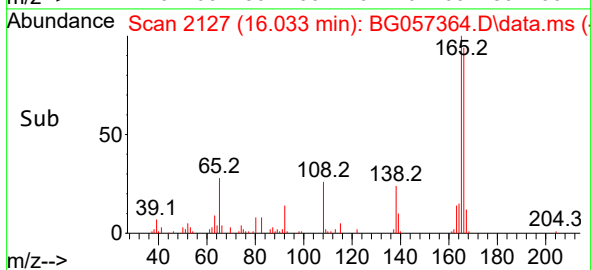
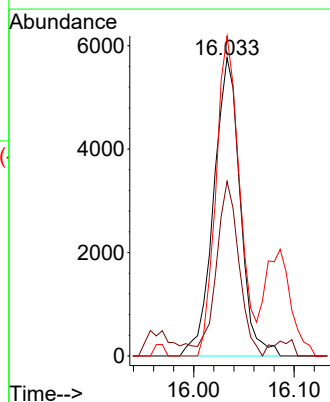
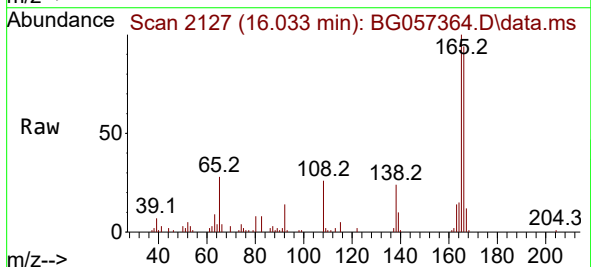
Instrument :
BNA_G
ClientSampleId :
SSTD020483

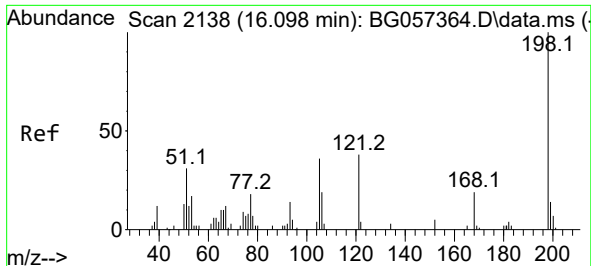
Tgt Ion:204 Resp: 53971
Ion Ratio Lower Upper
204 100
206 34.5 26.5 39.7
141 51.3 41.5 62.3



#63
4-Nitroaniline
Concen: 17.264 ng/ul
RT: 16.033 min Scan# 2127
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:138 Resp: 10549
Ion Ratio Lower Upper
138 100
92 58.5 39.9 59.9
108 107.3 89.1 133.7

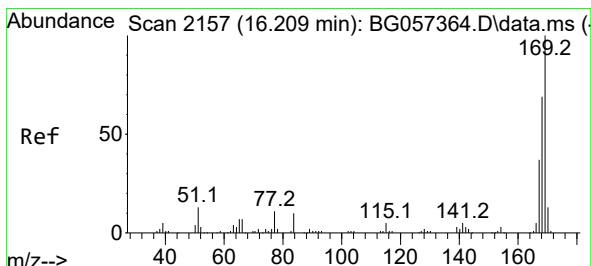
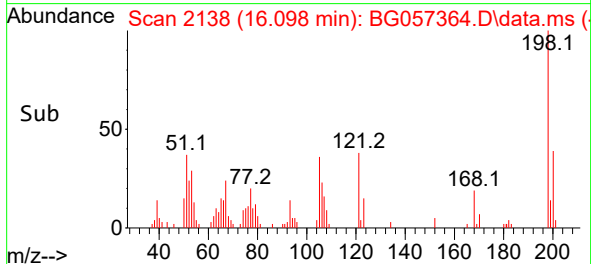
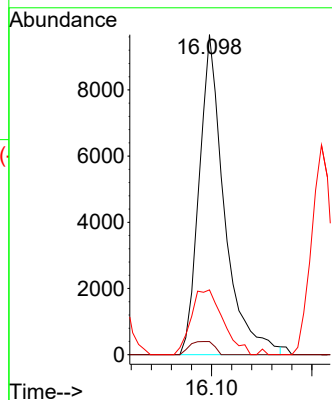
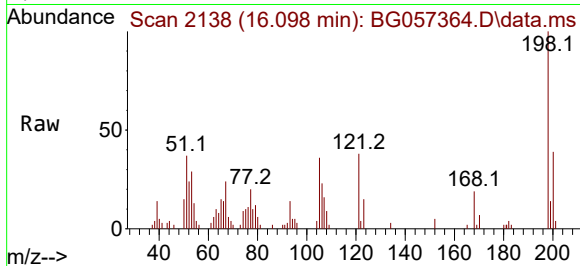




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.472 ng/ul
 RT: 16.098 min Scan# 2138
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

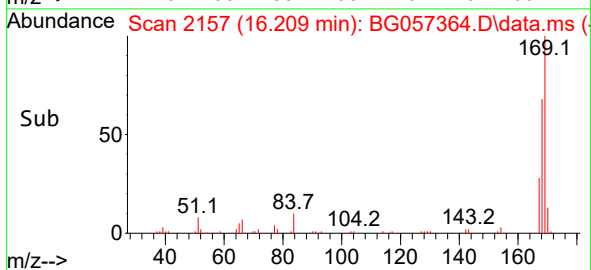
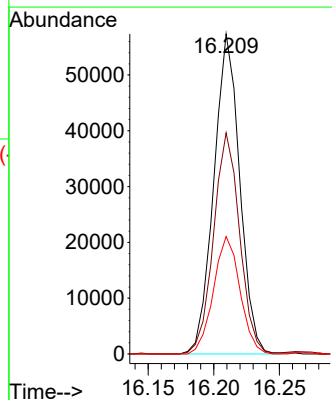
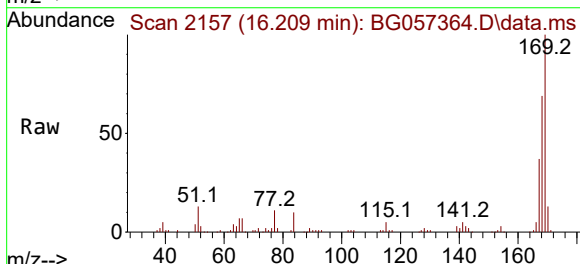
Instrument :
 BNA_G
 ClientSampleId :
 SST020483

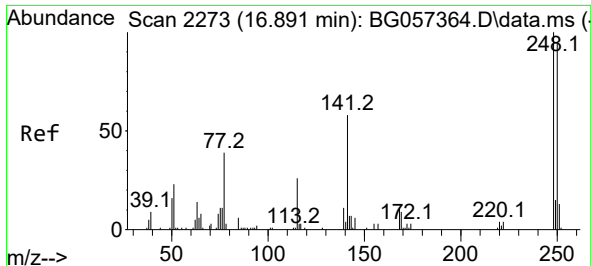
Tgt Ion:198 Resp: 16877
 Ion Ratio Lower Upper
 198 100
 182 4.1 3.0 4.6
 77 20.3 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.059 ng/ul
 RT: 16.209 min Scan# 2157
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:169 Resp: 78684
 Ion Ratio Lower Upper
 169 100
 168 69.1 55.4 83.2
 167 36.7 31.0 46.4

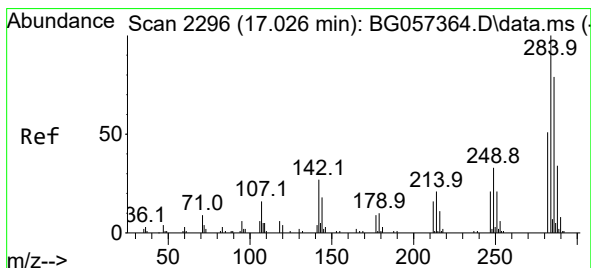
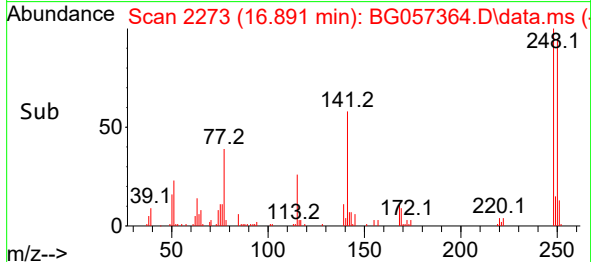
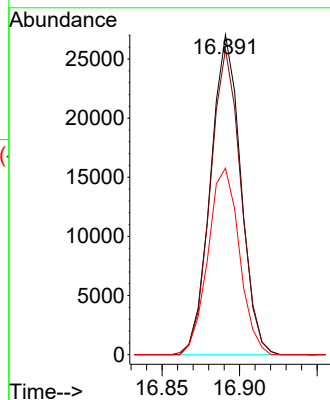
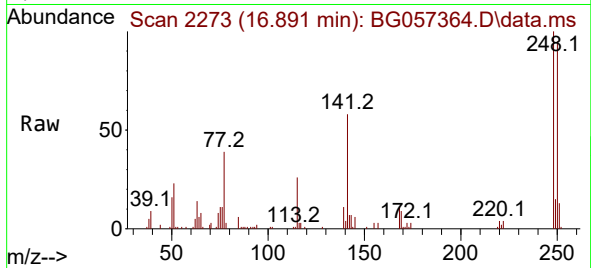




#68
4-Bromophenyl-phenylether
Concen: 22.390 ng/ul
RT: 16.891 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

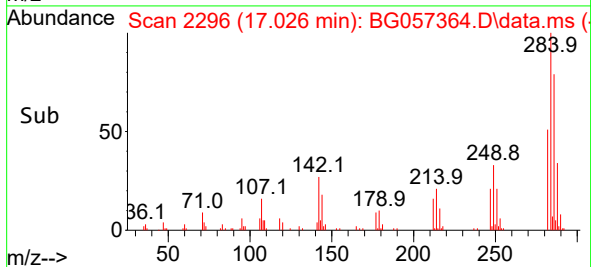
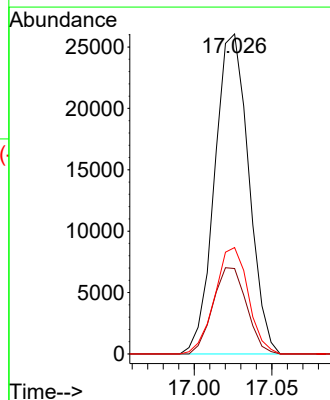
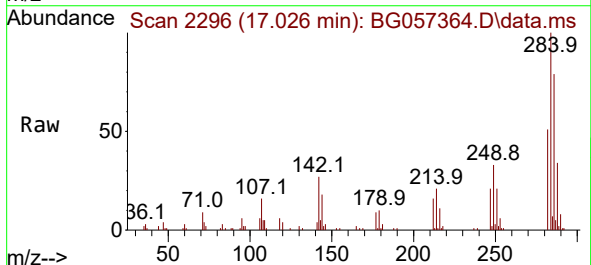
Instrument :
BNA_G
ClientSampleId :
SSTD020483

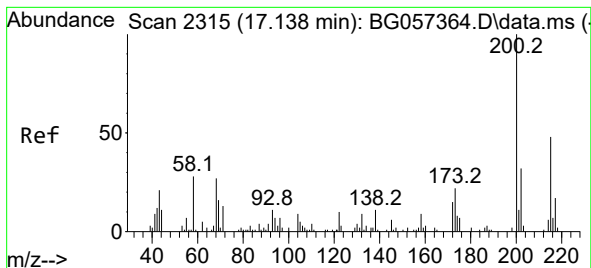
Tgt Ion:248 Resp: 36543
Ion Ratio Lower Upper
248 100
250 95.5 74.8 112.2
141 58.3 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.154 ng/ul
RT: 17.026 min Scan# 2296
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:284 Resp: 39794
Ion Ratio Lower Upper
284 100
142 26.7 22.6 33.8
249 33.3 26.2 39.2





#70

Atrazine

Concen: 22.003 ng/ul

RT: 17.138 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

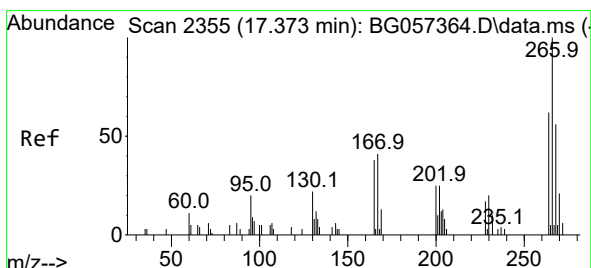
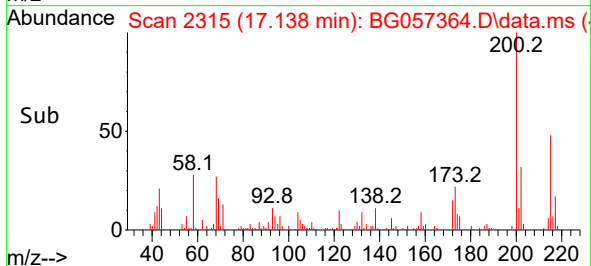
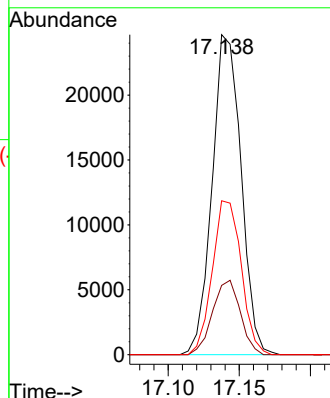
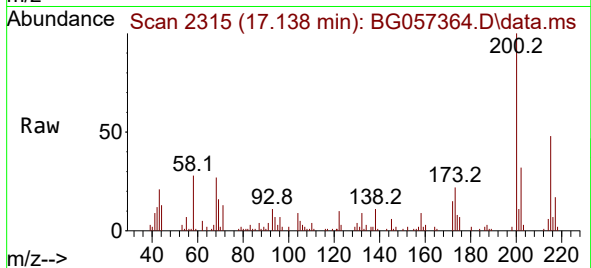
Tgt Ion:200 Resp: 34882

Ion Ratio Lower Upper

200 100

173 21.7 17.8 26.6

215 48.1 40.3 60.5



#71

Pentachlorophenol

Concen: 16.854 ng/ul

RT: 17.373 min Scan# 2355

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

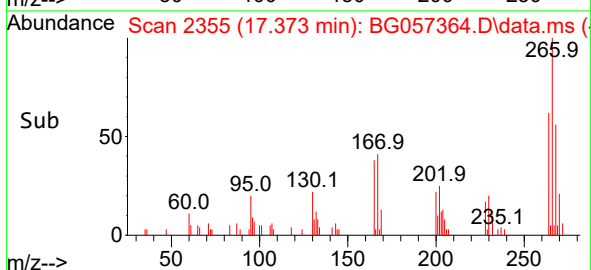
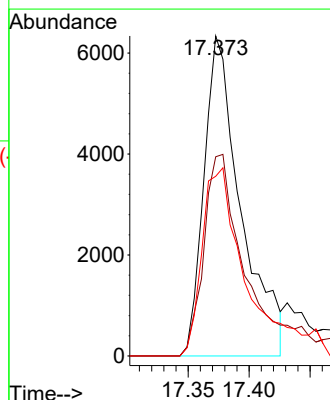
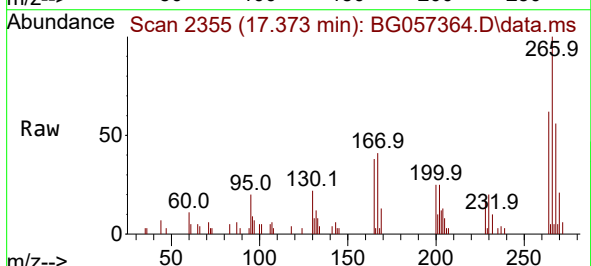
Tgt Ion:266 Resp: 13389

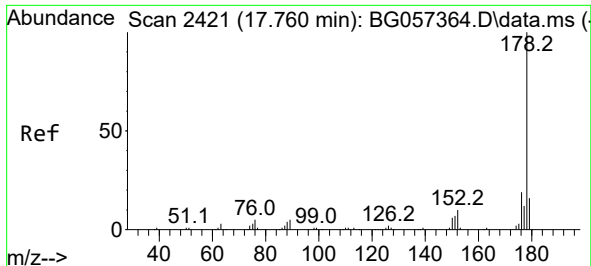
Ion Ratio Lower Upper

266 100

264 62.2 47.8 71.6

268 56.1 48.2 72.4

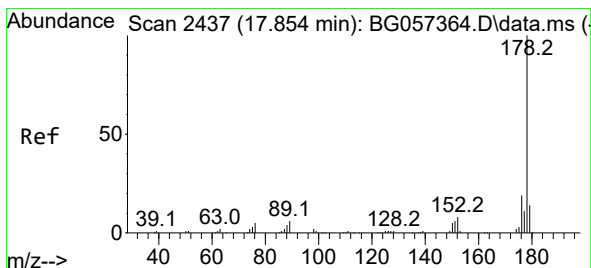
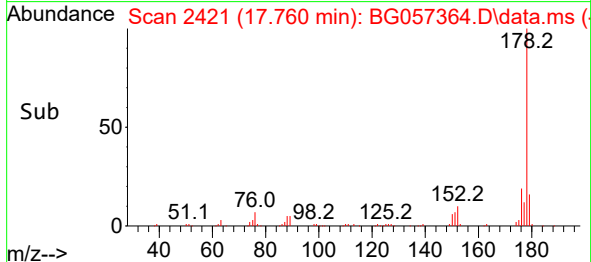
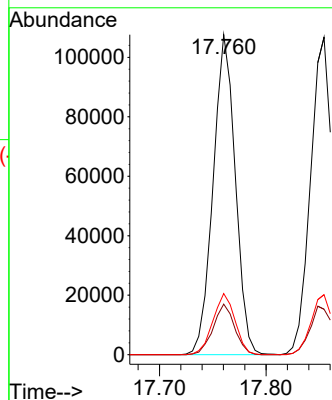
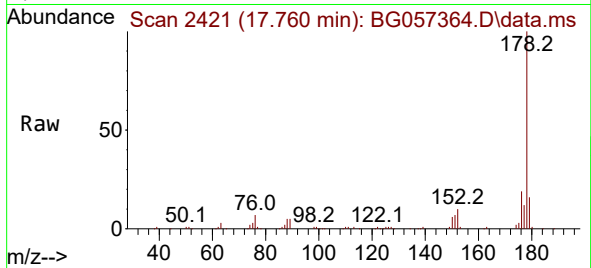




#72
Phenanthrene
Concen: 21.841 ng/ul
RT: 17.760 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

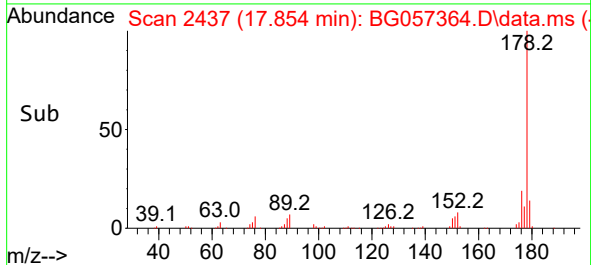
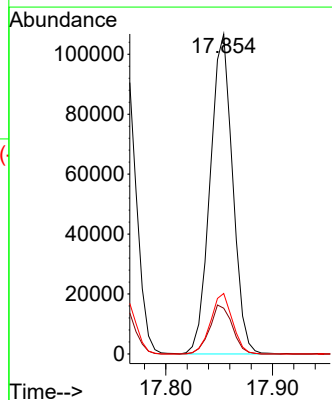
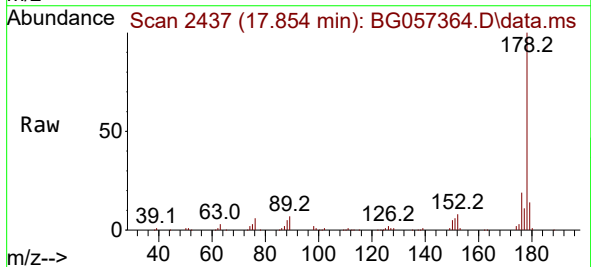
Instrument :
BNA_G
ClientSampleId :
SSTD020483

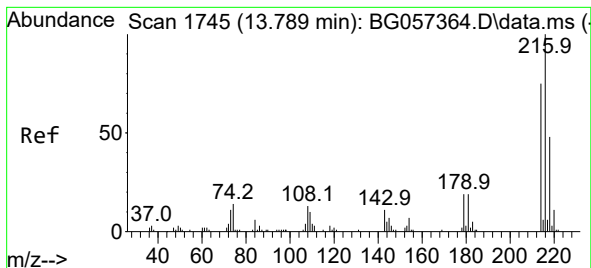
Tgt Ion:178 Resp: 155308
Ion Ratio Lower Upper
178 100
179 15.8 11.8 17.8
176 19.1 15.4 23.0



#74
Anthracene
Concen: 21.909 ng/ul
RT: 17.854 min Scan# 2437
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:178 Resp: 156496
Ion Ratio Lower Upper
178 100
179 14.3 12.5 18.7
176 18.9 14.7 22.1





#75

1,2,3,4-Tetrachlorobenzene

Concen: 22.897 ng/uL

RT: 13.789 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

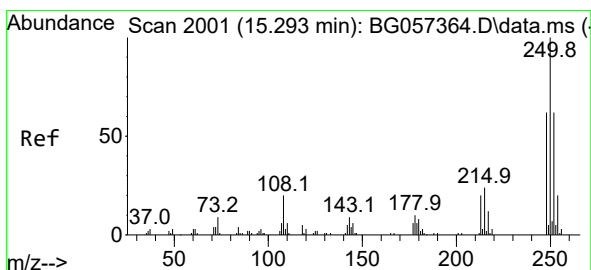
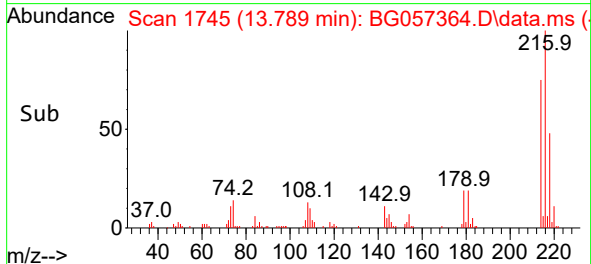
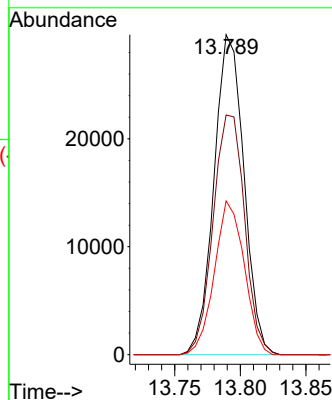
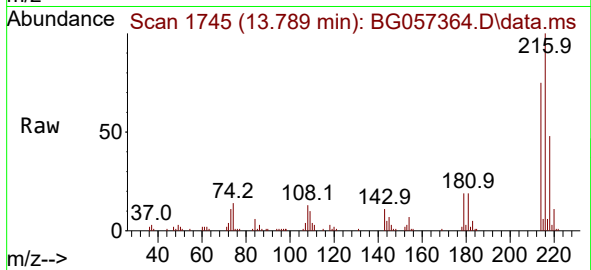
Tgt Ion:216 Resp: 47026

Ion Ratio Lower Upper

216 100

214 74.9 64.3 96.5

218 48.1 38.5 57.7



#76

Pentachlorobenzene

Concen: 22.790 ng/uL

RT: 15.293 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

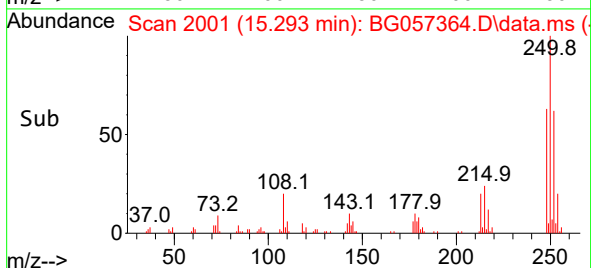
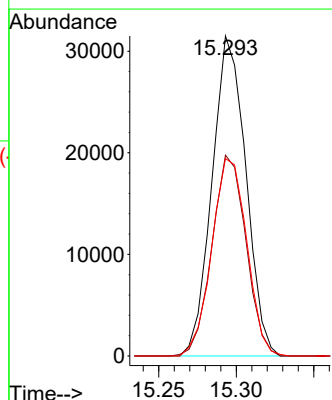
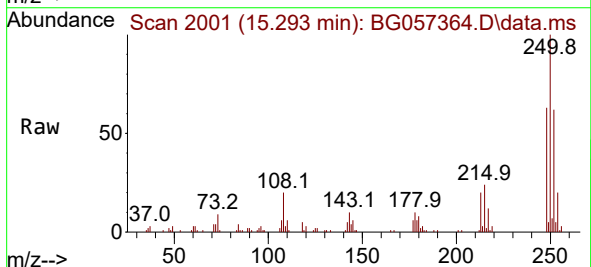
Tgt Ion:250 Resp: 47643

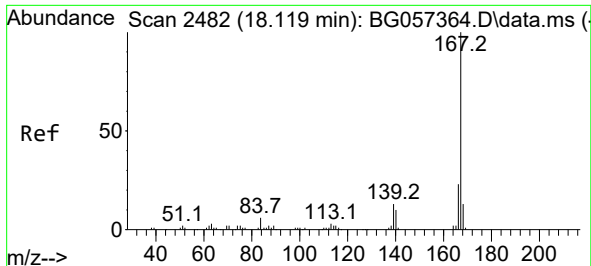
Ion Ratio Lower Upper

250 100

248 62.8 52.2 78.2

252 61.7 52.5 78.7

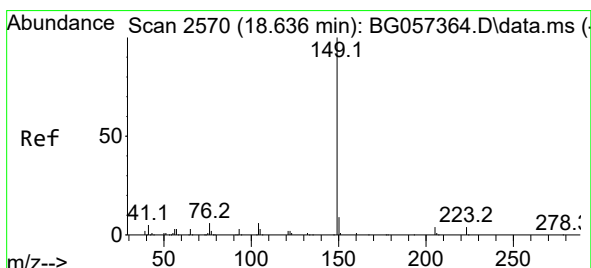
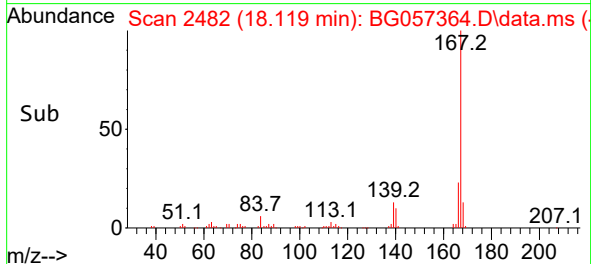
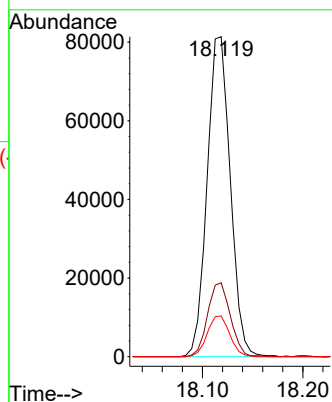
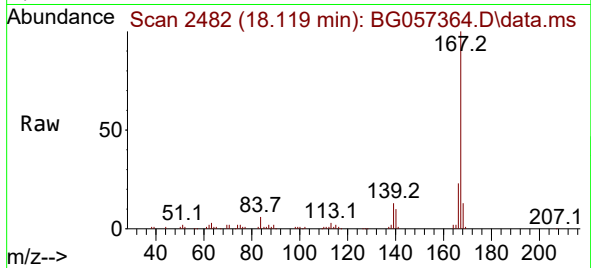




#77
 Carbazole
 Concen: 21.854 ng/ul
 RT: 18.119 min Scan# 2482
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

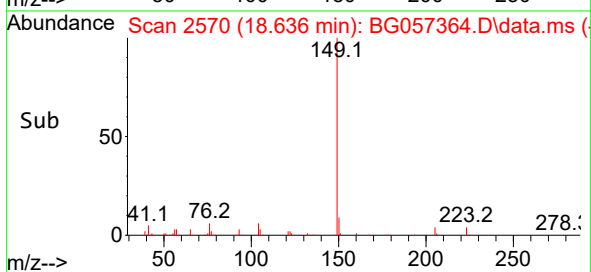
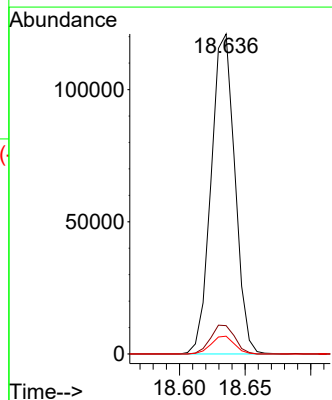
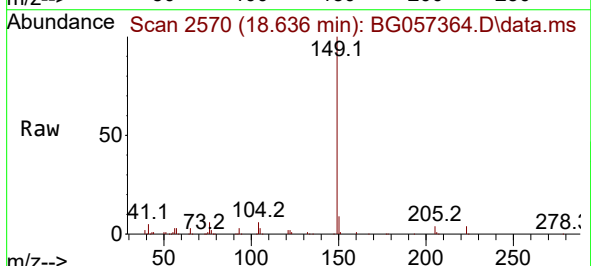
Instrument :
 BNA_G
 ClientSampleId :
 SST020483

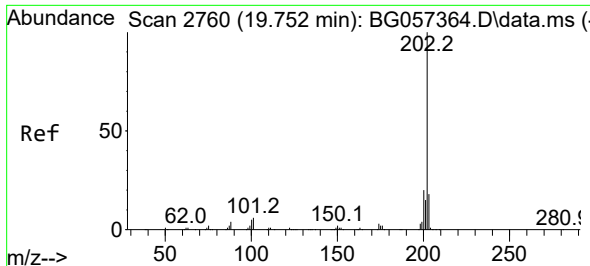
Tgt Ion:167 Resp: 130453
 Ion Ratio Lower Upper
 167 100
 166 23.1 18.0 27.0
 139 12.7 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.307 ng/ul
 RT: 18.636 min Scan# 2570
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:149 Resp: 152263
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.3 10.9
 104 5.5 5.0 7.6

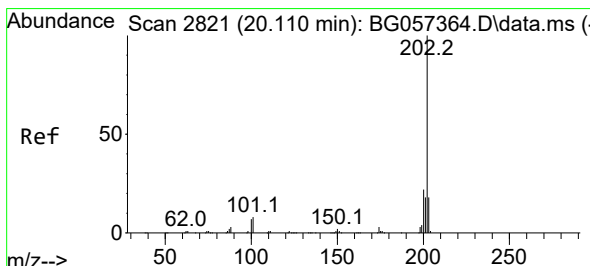
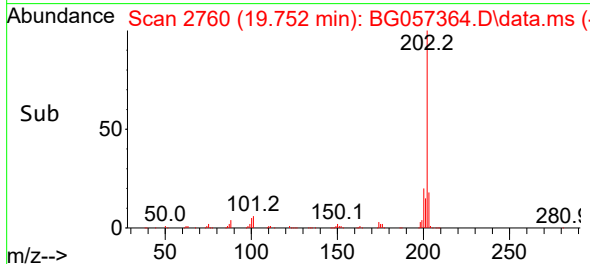
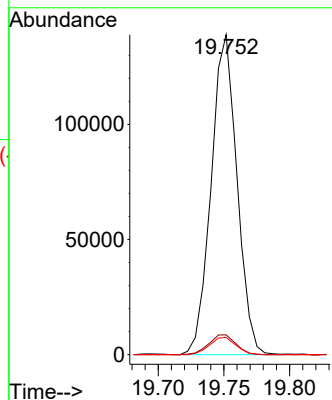
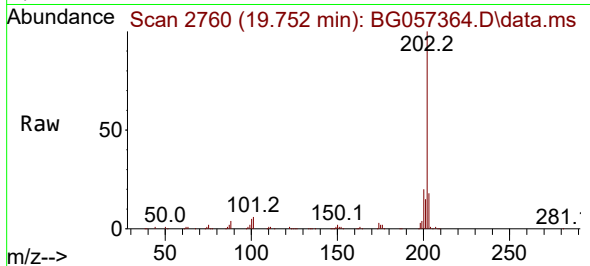




#80
 Fluoranthene
 Concen: 20.867 ng/u1
 RT: 19.752 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

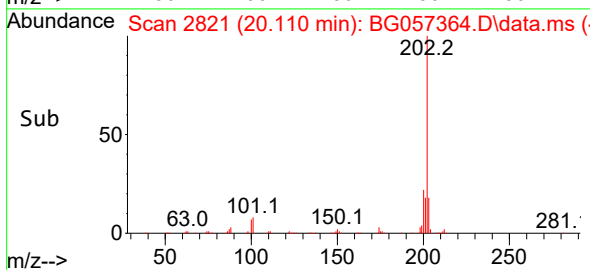
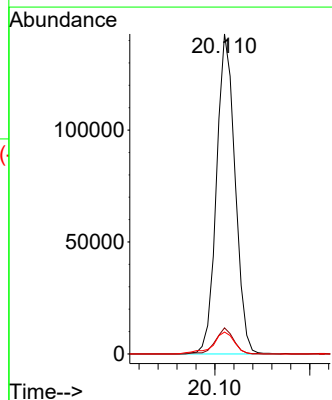
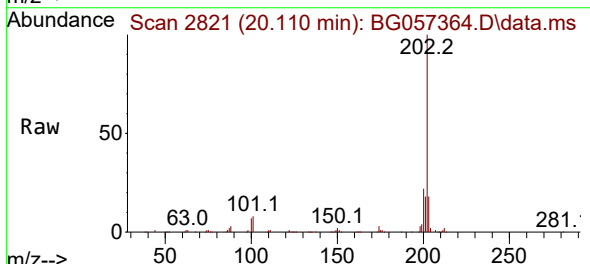
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

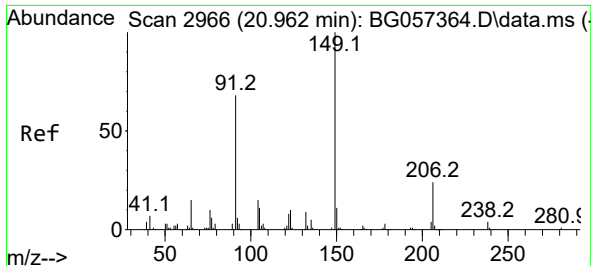
Tgt Ion:202 Resp: 190433
 Ion Ratio Lower Upper
 202 100
 101 6.2 5.8 8.6
 100 5.4 4.6 7.0



#82
 Pyrene
 Concen: 21.003 ng/u1
 RT: 20.110 min Scan# 2821
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:202 Resp: 194039
 Ion Ratio Lower Upper
 202 100
 101 8.2 5.7 8.5
 100 6.8 6.0 9.0

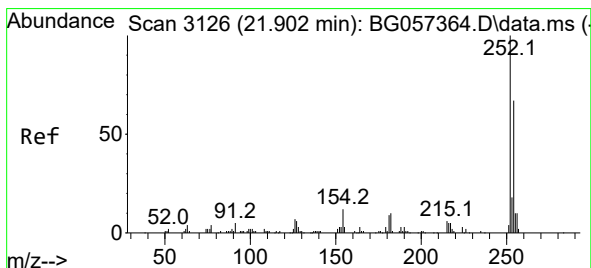
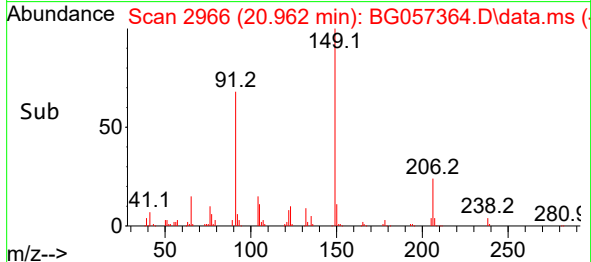
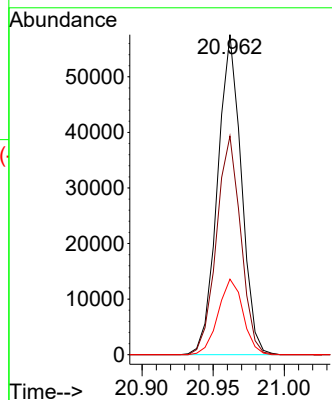
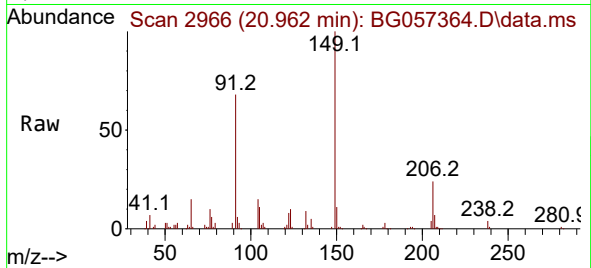




#83
Butylbenzylphthalate
Concen: 22.635 ng/ul
RT: 20.962 min Scan# 2966
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

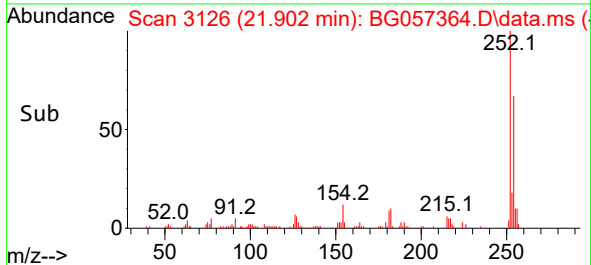
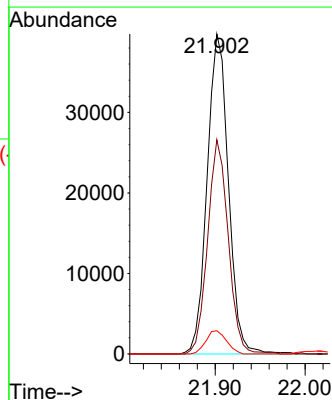
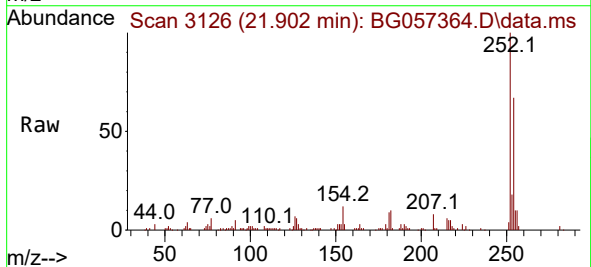
Instrument :
BNA_G
ClientSampleId :
SSTD020483

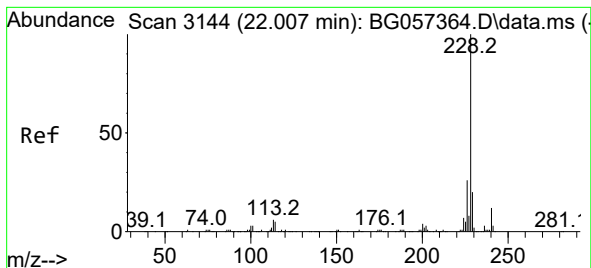
Tgt Ion:149 Resp: 66968
Ion Ratio Lower Upper
149 100
91 68.3 58.6 87.8
206 23.6 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 22.716 ng/ul
RT: 21.902 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:252 Resp: 65297
Ion Ratio Lower Upper
252 100
254 66.9 53.7 80.5
126 7.3 5.2 7.8





#85

Benzo(a)anthracene

Concen: 21.200 ng/ul

RT: 22.007 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

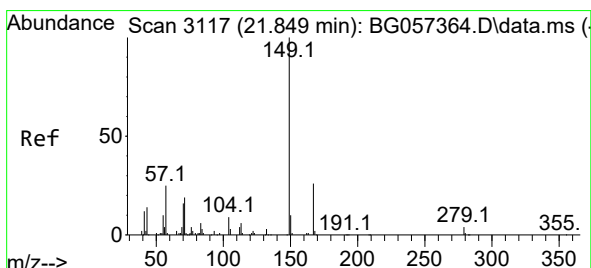
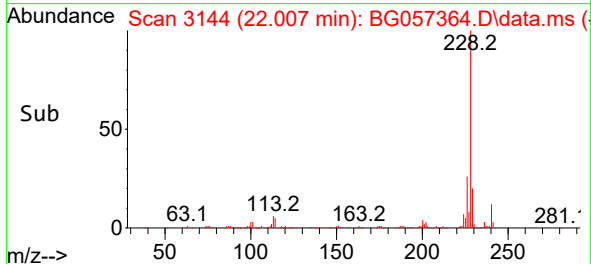
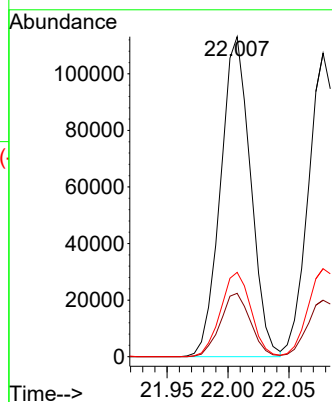
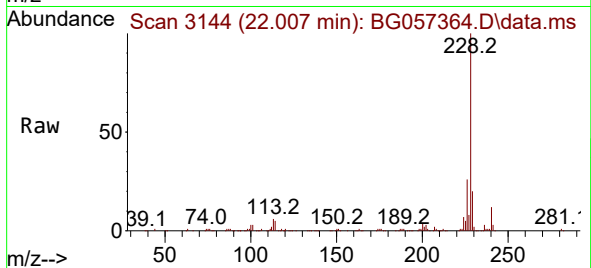
Tgt Ion:228 Resp: 194061

Ion Ratio Lower Upper

228 100

229 19.8 15.8 23.6

226 26.4 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.270 ng/ul

RT: 21.849 min Scan# 3117

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

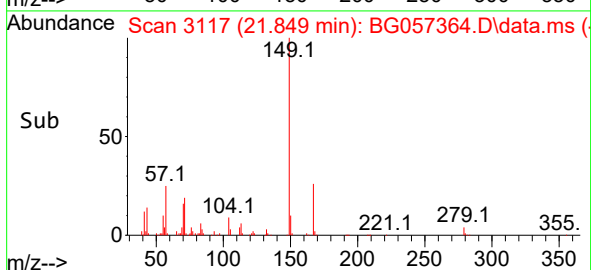
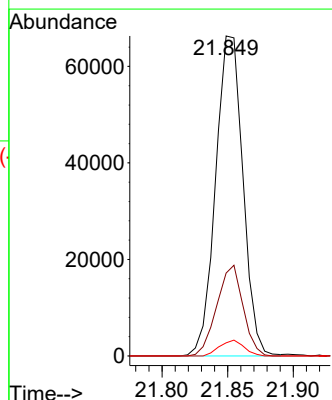
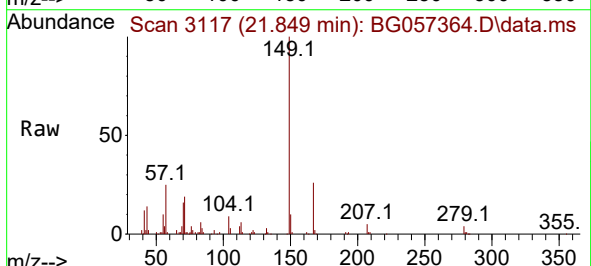
Tgt Ion:149 Resp: 95831

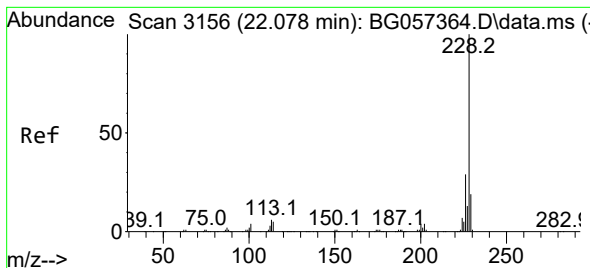
Ion Ratio Lower Upper

149 100

167 25.9 23.0 34.6

279 4.1 3.6 5.4





#87

Chrysene

Concen: 21.187 ng/ul

RT: 22.078 min Scan# 3156

Delta R.T. 0.000 min

Lab File: BG057364.D

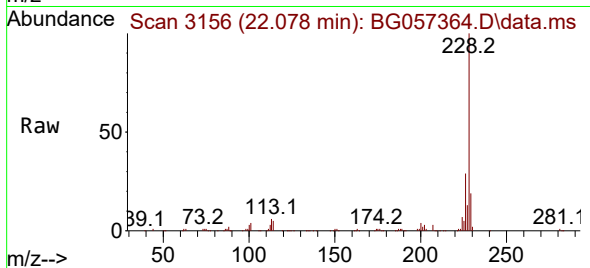
Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483



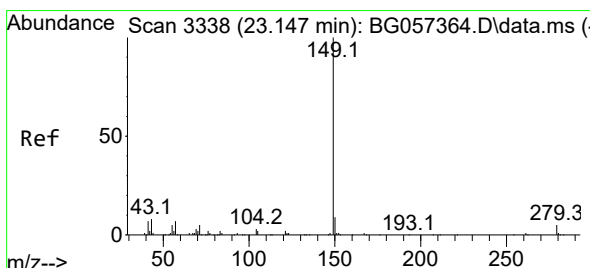
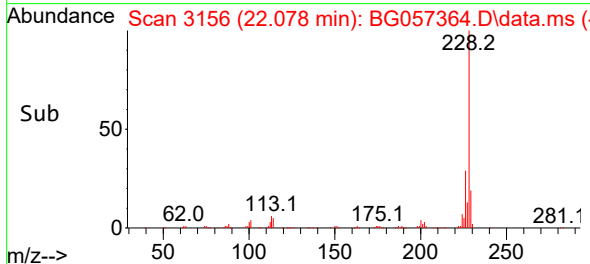
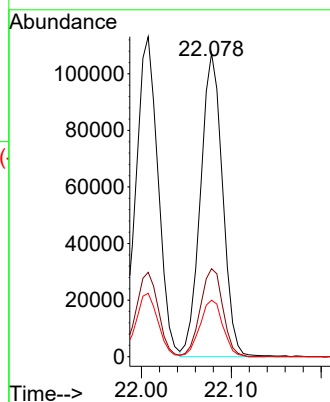
Tgt Ion:228 Resp: 182984

Ion Ratio Lower Upper

228 100

226 29.0 22.8 34.2

229 18.6 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.427 ng/ul

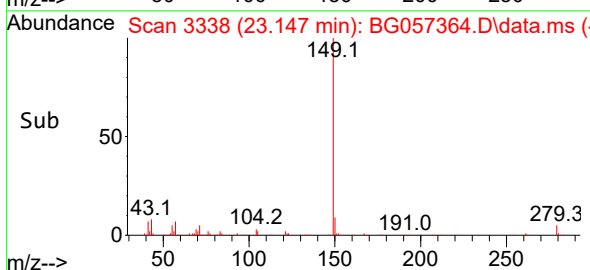
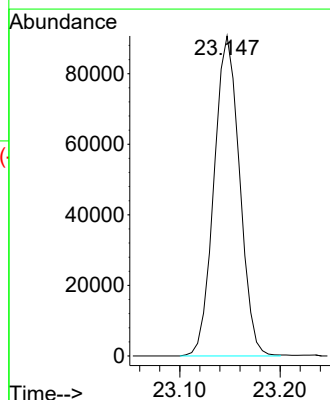
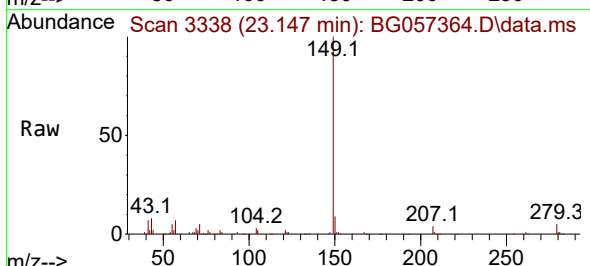
RT: 23.147 min Scan# 3338

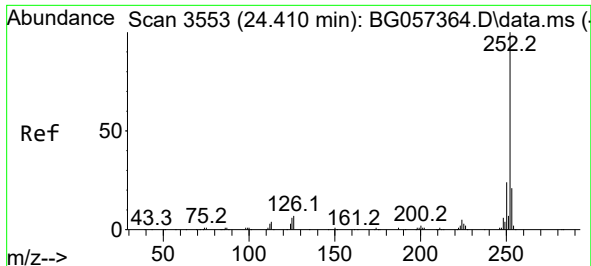
Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Tgt Ion:149 Resp: 160494

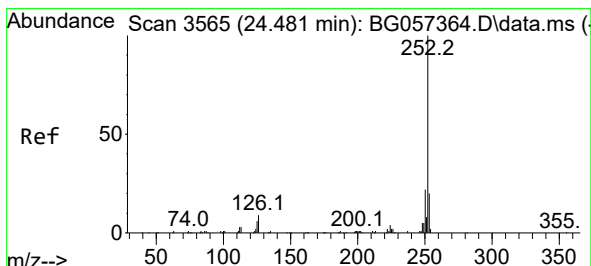
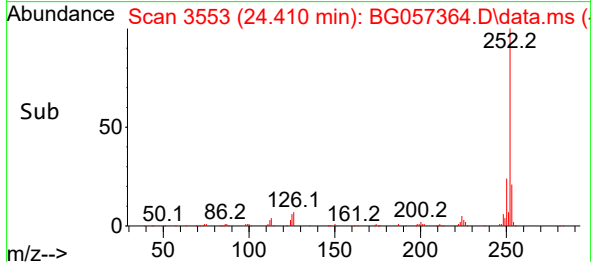
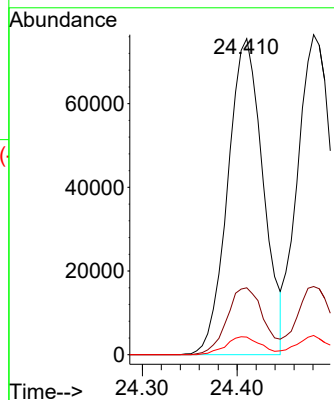
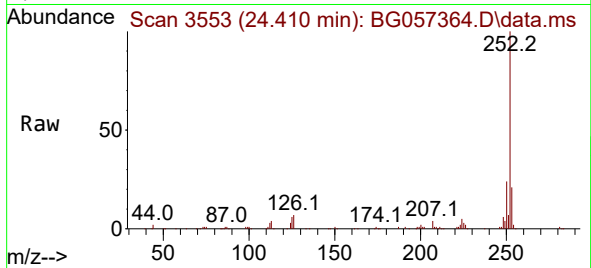




#90
Benzo(b)fluoranthene
Concen: 20.829 ng/ul
RT: 24.410 min Scan# 3553
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

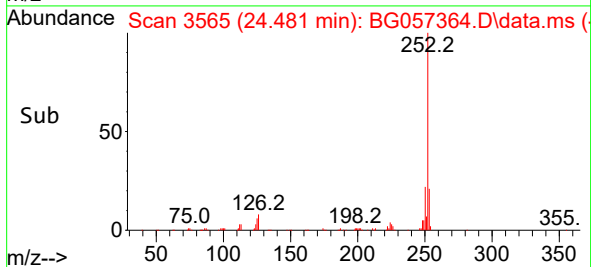
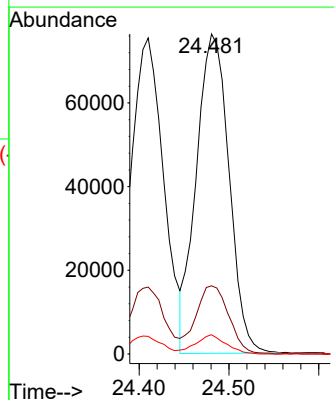
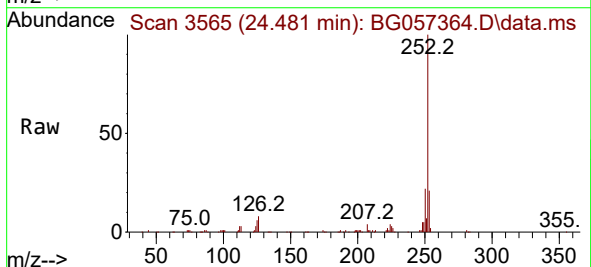
Instrument :
BNA_G
ClientSampleId :
SSTD020483

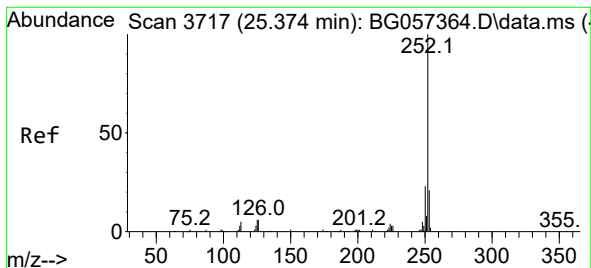
Tgt Ion:252 Resp: 195645
Ion Ratio Lower Upper
252 100
253 21.2 16.7 25.1
125 5.6 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 21.144 ng/ul
RT: 24.481 min Scan# 3565
Delta R.T. 0.000 min
Lab File: BG057364.D
Acq: 10 May 2023 10:32

Tgt Ion:252 Resp: 193213
Ion Ratio Lower Upper
252 100
253 21.3 17.7 26.5
125 6.0 4.5 6.7





#93

Benzo(a)pyrene

Concen: 20.790 ng/ul

RT: 25.374 min Scan# 3717

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

Instrument :

BNA_G

ClientSampleId :

SSTD020483

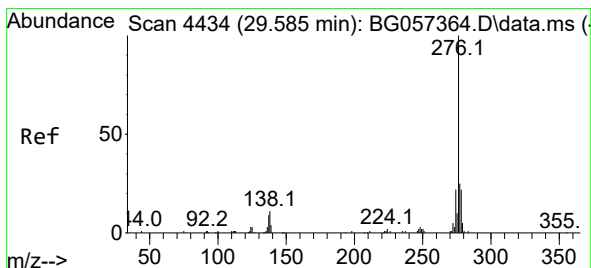
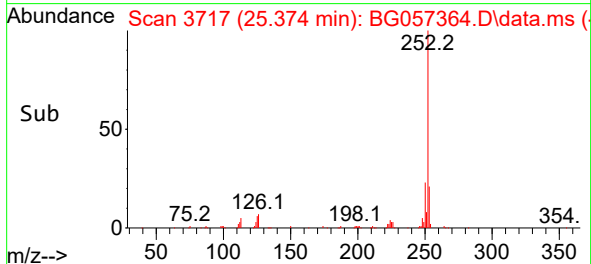
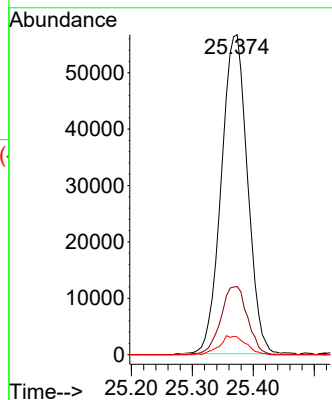
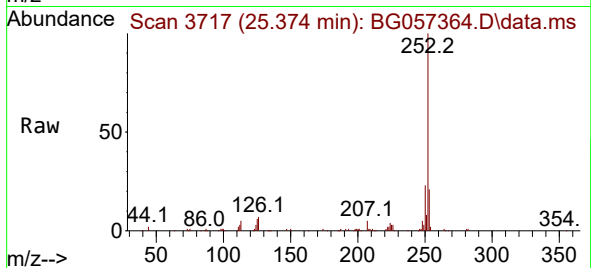
Tgt Ion:252 Resp: 168583

Ion Ratio Lower Upper

252 100

253 21.3 17.2 25.8

125 5.6 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 21.149 ng/ul

RT: 29.585 min Scan# 4434

Delta R.T. 0.000 min

Lab File: BG057364.D

Acq: 10 May 2023 10:32

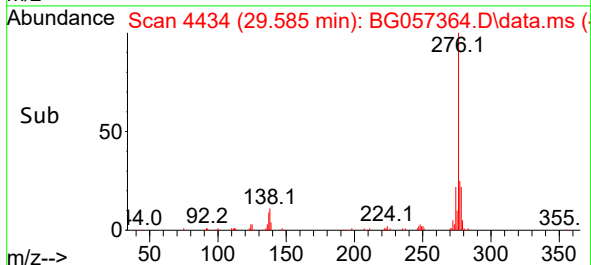
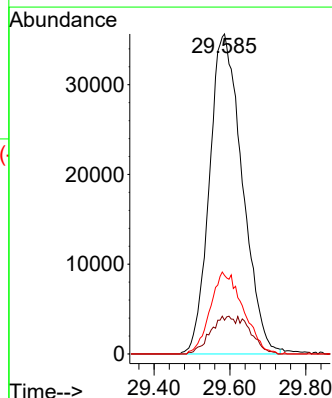
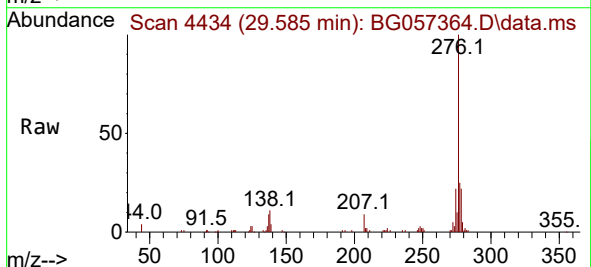
Tgt Ion:276 Resp: 214375

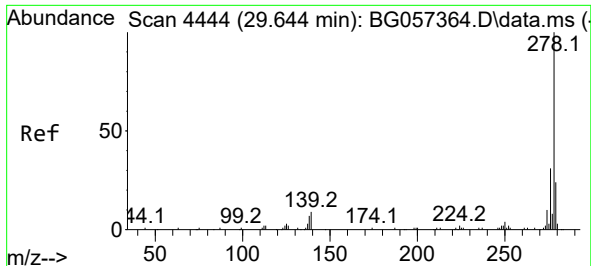
Ion Ratio Lower Upper

276 100

138 10.5 9.4 14.2

277 24.5 18.6 28.0

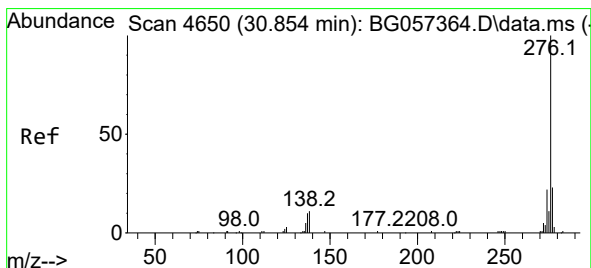
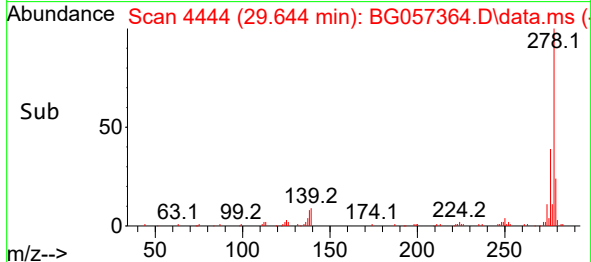
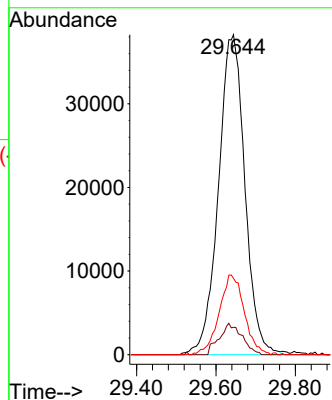
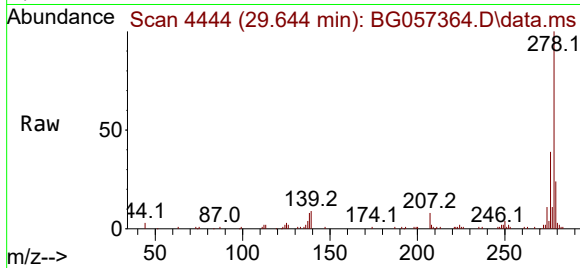




#95
 Dibenzo(a,h)anthracene
 Concen: 21.016 ng/ul
 RT: 29.644 min Scan# 4444
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020483

Tgt Ion:278 Resp: 176644
 Ion Ratio Lower Upper
 278 100
 139 8.5 5.8 8.6
 279 23.9 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 21.080 ng/ul
 RT: 30.854 min Scan# 4650
 Delta R.T. 0.000 min
 Lab File: BG057364.D
 Acq: 10 May 2023 10:32

Tgt Ion:276 Resp: 172933
 Ion Ratio Lower Upper
 276 100
 138 11.2 8.7 13.1
 277 22.6 18.4 27.6

