

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070123\
 Data File : BG057940.D
 Acq On : 1 Jul 2023 13:15
 Operator : CG/JU
 Sample : SSTD04089
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040438

Quant Time: Jul 02 07:10:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 07:09:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.929	152	41898	20.000	ng/u1	0.00
20) Naphthalene-d8	10.732	136	189221	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.563	164	132594	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.307	188	321955	20.000	ng/u1	0.00
79) Chrysene-d12	21.560	240	276643	20.000	ng/u1	0.00
88) Perylene-d12	24.716	264	329808	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	18659	15.594	ng/uL	0.00
4) Pyridine-d5	3.775	84	143295	39.448	ng/u1	0.00
7) Phenol-d5	7.095	99	169148	39.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.260	67	102284	39.667	ng/u1	0.00
11) 2-Chlorophenol-d4	7.465	132	118308	40.089	ng/u1	0.00
15) 4-Methylphenol-d8	8.640	113	127240	39.410	ng/u1	0.00
21) Nitrobenzene-d5	9.093	128	63191	40.974	ng/u1	0.00
24) 2-Nitrophenol-d4	9.815	143	68932	42.528	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.356	165	127455	40.990	ng/u1	0.00
31) 4-Chloroaniline-d4	10.867	131	185240	39.293	ng/u1	0.00
46) Dimethylphthalate-d6	13.969	166	407430	38.944	ng/u1	0.00
49) Acenaphthylene-d8	14.257	160	452335	39.622	ng/u1	0.00
54) 4-Nitrophenol-d4	14.768	143	75020	40.587	ng/u1	0.00
60) Fluorene-d10	15.556	176	346694	39.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.673	200	71121	40.682	ng/u1	0.00
73) Anthracene-d10	17.407	188	579278	38.775	ng/u1	0.00
81) Pyrene-d10	19.692	212	673576	38.660	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.498	264	667284	39.712	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.405	88	21670	14.660	ng/uL	99
5) Pyridine	3.793	79	148923	40.013	ng/u1	98
6) Benzaldehyde	7.066	77	82927	58.033	ng/u1	96
8) Phenol	7.119	94	170722	39.318	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.348	93	131328	39.172	ng/u1	99
12) 2-Chlorophenol	7.495	128	122858	40.006	ng/u1	97
13) 2-Methylphenol	8.370	108	135347	39.690	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.452	45	203344	39.402	ng/u1	96
16) Acetophenone	8.752	105	212859	39.737	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.740	70	112564	39.309	ng/u1	99
18) 4-Methylphenol	8.699	108	146421	39.709	ng/u1	98
19) Hexachloroethane	9.010	117	47001	39.923	ng/u1	91
22) Nitrobenzene	9.134	77	160577	40.108	ng/u1	97
23) Isophorone	9.657	82	336205	39.355	ng/u1	99
25) 2-Nitrophenol	9.845	139	72524	41.698	ng/u1	95
26) 2,4-Dimethylphenol	9.904	107	156361	39.980	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.139	93	188713	39.201	ng/u1	99
29) 2,4-Dichlorophenol	10.379	162	122187	40.416	ng/u1	96
30) Naphthalene	10.785	128	418902	39.393	ng/u1	98
32) 4-Chloroaniline	10.891	127	188078	39.017	ng/u1	100
33) Hexachlorobutadiene	11.067	225	84044	39.267	ng/u1	98
34) Caprolactam	11.654	113	25279	20.915	ng/u1	95
35) 4-Chloro-3-methylphenol	12.019	107	149734	40.319	ng/u1	98
36) 2-Methylnaphthalene	12.389	142	283596	39.563	ng/u1	98

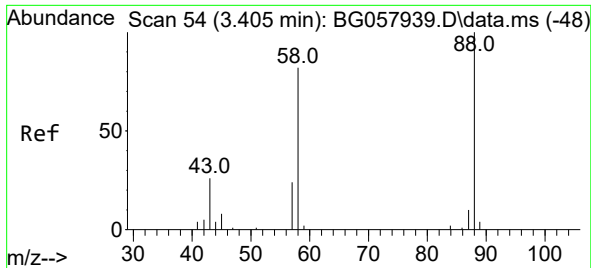
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.612	142	283226	39.401	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.759	216	159859	39.562	ng/ul	98
40) Hexachlorocyclopentadiene	12.736	237	101915	40.043	ng/ul	100
41) 2,4,6-Trichlorophenol	13.000	196	110677	40.413	ng/ul	96
42) 2,4,5-Trichlorophenol	13.070	196	120434	40.662	ng/ul	100
43) 1,1'-Biphenyl	13.399	154	374032	39.144	ng/ul	99
44) 2-Chloronaphthalene	13.441	162	301196	39.275	ng/ul	99
45) 2-Nitroaniline	13.646	65	110239	41.345	ng/ul	94
47) Dimethylphthalate	14.016	163	410779	39.082	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	88298	40.927	ng/ul	97
50) Acenaphthylene	14.287	152	485138	39.352	ng/ul	97
51) 3-Nitroaniline	14.469	138	80362	44.077	ng/ul	100
52) Acenaphthene	14.627	153	330465	39.064	ng/ul	98
53) 2,4-Dinitrophenol	14.674	184	45876	40.787	ng/ul	98
55) 4-Nitrophenol	14.780	109	55448	40.495	ng/ul	91
56) Dibenzofuran	14.962	168	469736	39.062	ng/ul	99
57) 2,4-Dinitrotoluene	14.927	165	125338	41.003	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.191	232	109866	40.748	ng/ul	97
59) Diethylphthalate	15.379	149	428160	39.029	ng/ul	100
61) Fluorene	15.615	166	384121	38.930	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.603	204	202416	38.771	ng/ul	100
63) 4-Nitroaniline	15.632	138	77687	47.856	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.691	198	74564	41.707	ng/ul	98
67) N-Nitrosodiphenylamine	15.814	169	334470	39.036	ng/ul	99
68) 4-Bromophenyl-phenylether	16.496	248	140086	39.639	ng/ul	99
69) Hexachlorobenzene	16.613	284	156570	39.570	ng/ul	98
70) Atrazine	16.766	200	141768	40.461	ng/ul	94
71) Pentachlorophenol	16.954	266	97050	40.856	ng/ul	98
72) Phenanthrene	17.354	178	634869	38.766	ng/ul	99
74) Anthracene	17.442	178	642176	38.749	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.364	216	170915	40.028	ng/ul	98
76) Pentachlorobenzene	14.886	250	179698	39.405	ng/ul	98
77) Carbazole	17.712	167	608575	40.603	ng/ul	98
78) Di-n-butylphthalate	18.270	149	752920	39.435	ng/ul	100
80) Fluoranthene	19.363	202	775463	38.410	ng/ul	99
82) Pyrene	19.721	202	775157	38.143	ng/ul	97
83) Butylbenzylphthalate	20.609	149	326265	39.592	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.461	252	280745	41.919	ng/ul	96
85) Benzo(a)anthracene	21.543	228	764918	38.509	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.449	149	456717	38.674	ng/ul	98
87) Chrysene	21.607	228	729955	39.202	ng/ul	99
89) Di-n-octyl phthalate	22.636	149	823525	40.640	ng/ul	100
90) Benzo(b)fluoranthene	23.717	252	789976	38.685	ng/ul	99
91) Benzo(k)fluoranthene	23.781	252	791493	39.543	ng/ul	99
93) Benzo(a)pyrene	24.575	252	710825	39.327	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.317	276	952121	39.669	ng/ul	99
95) Dibenzo(a,h)anthracene	28.376	278	778376	39.328	ng/ul	100
96) Benzo(g,h,i)perylene	29.445	276	768505	39.201	ng/ul	97

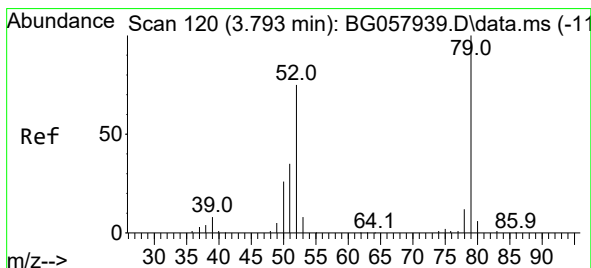
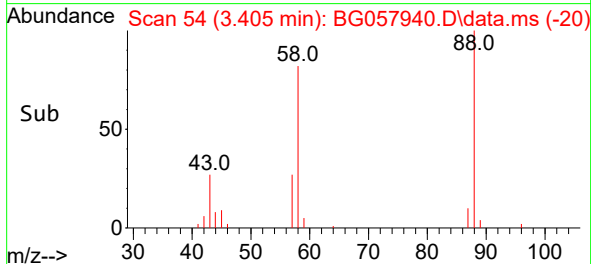
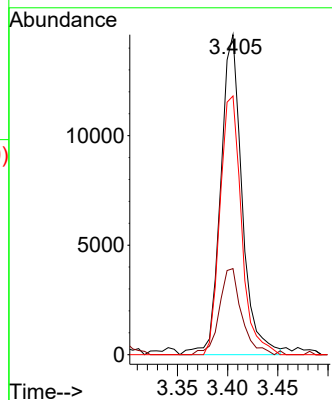
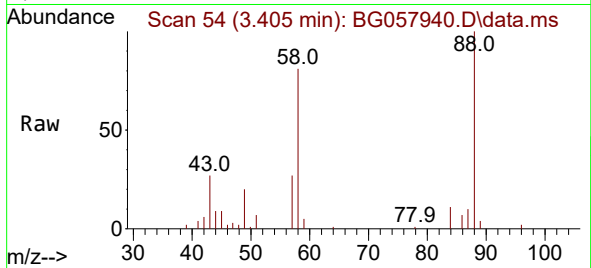
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 1,4-Dioxane
 Concen: 14.660 ng/uL
 RT: 3.405 min Scan# 54
 Delta R.T. -0.000 min
 Lab File: BG057940.D
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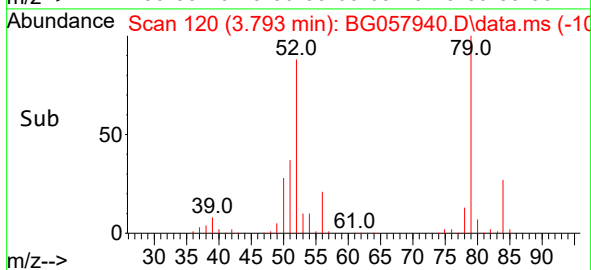
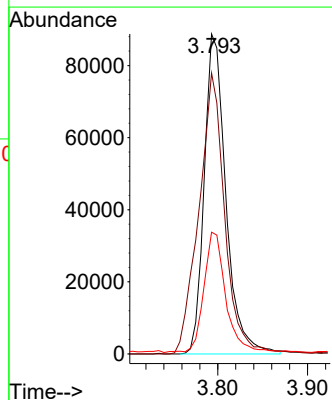
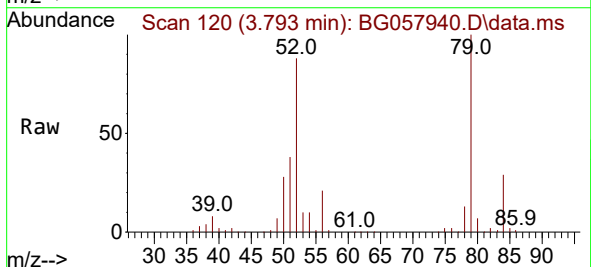
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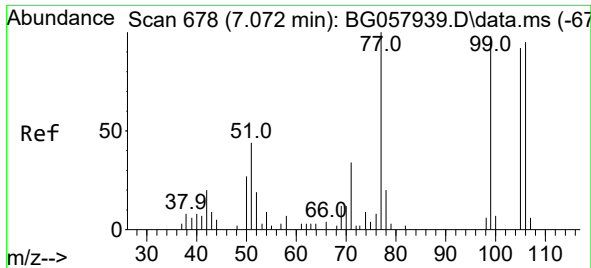
Tgt Ion:	88	Resp:	21670
Ion	Ratio	Lower	Upper
88	100		
43	26.9	20.6	30.8
58	80.9	65.5	98.3



#5
 Pyridine
 Concen: 40.013 ng/uL
 RT: 3.793 min Scan# 120
 Delta R.T. -0.000 min
 Lab File: BG057940.D
 Acq: 1 Jul 2023 13:15

Tgt Ion:	79	Resp:	148923
Ion	Ratio	Lower	Upper
79	100		
52	87.8	68.6	102.8
51	38.0	29.4	44.0

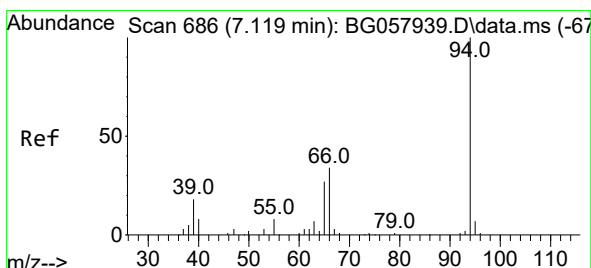
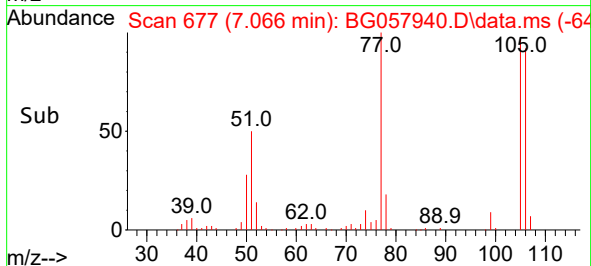
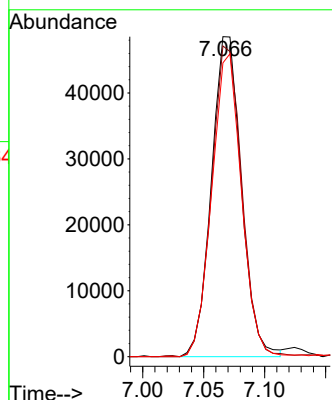
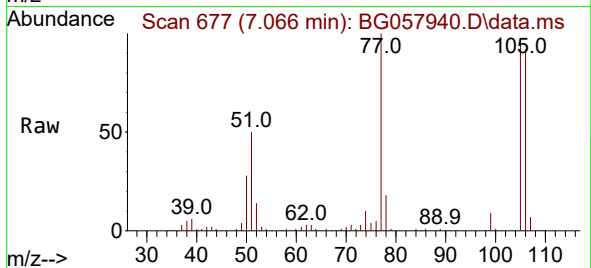




#6
Benzaldehyde
Concen: 58.033 ng/ul
RT: 7.066 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

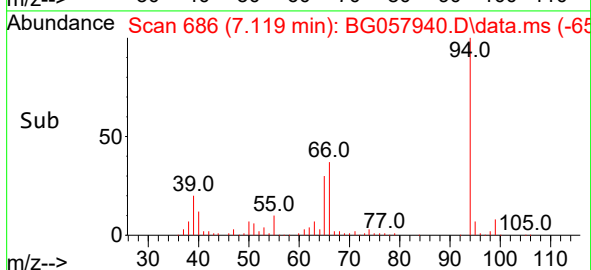
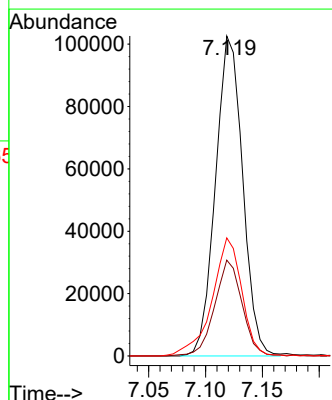
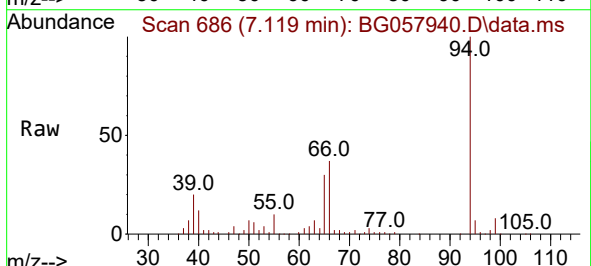
Instrument :
BNA_G
ClientSampleId :
SSTD040438

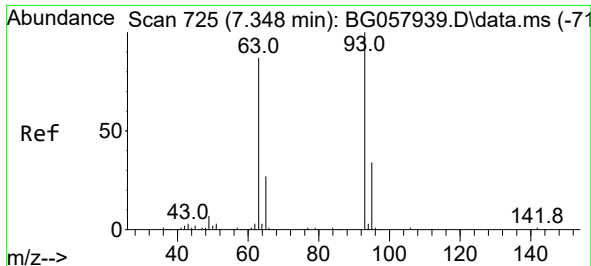
Tgt Ion: 77 Resp: 82927
Ion Ratio Lower Upper
77 100
105 97.1 74.7 112.1
106 91.8 75.9 113.9



#8
Phenol
Concen: 39.318 ng/ul
RT: 7.119 min Scan# 686
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

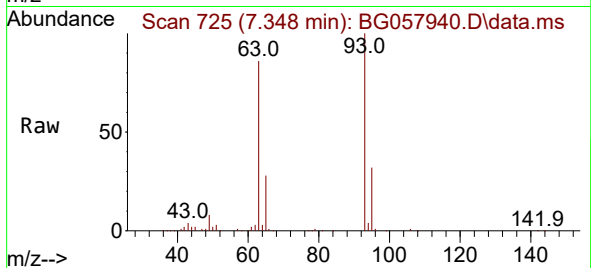
Tgt Ion: 94 Resp: 170722
Ion Ratio Lower Upper
94 100
65 30.0 22.2 33.4
66 36.9 28.6 43.0





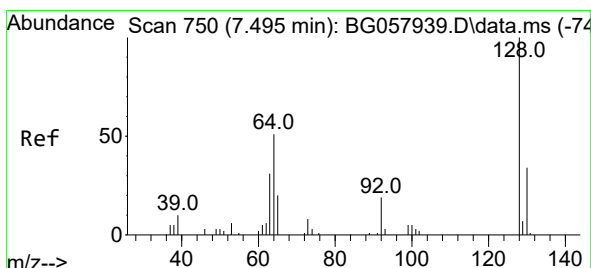
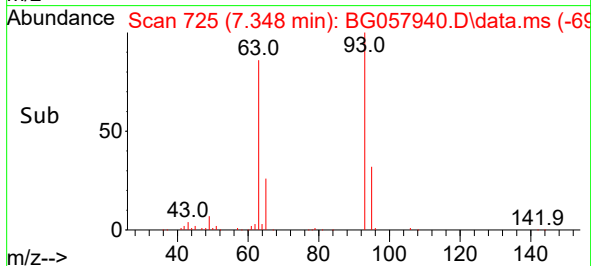
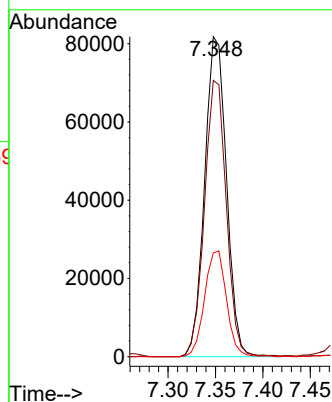
#10
 Bis(2-Chloroethyl)ether
 Concen: 39.172 ng/ul
 RT: 7.348 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BG057940.D
 Acq: 1 Jul 2023 13:15

Instrument :
 BNA_G
 ClientSampleId :
 SSTD040438



Tgt Ion: 93 Resp: 131328

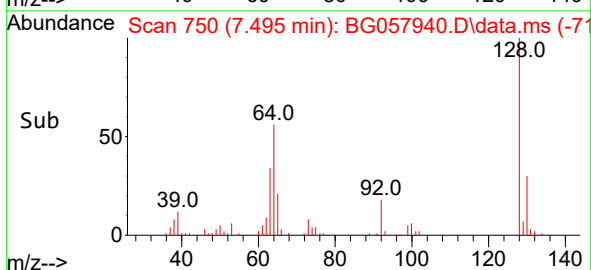
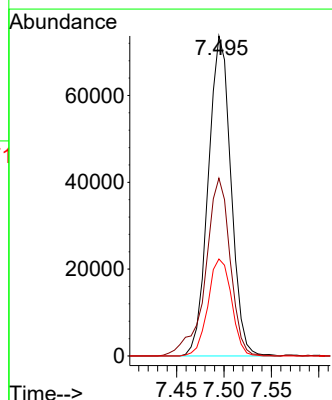
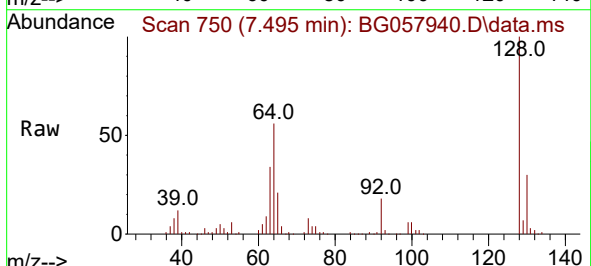
Ion	Ratio	Lower	Upper
93	100		
63	86.4	69.4	104.0
95	32.4	27.0	40.6

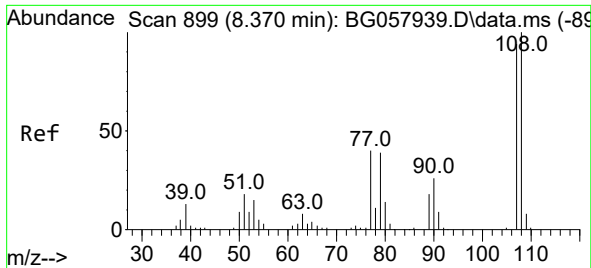


#12
 2-Chlorophenol
 Concen: 40.006 ng/ul
 RT: 7.495 min Scan# 750
 Delta R.T. -0.000 min
 Lab File: BG057940.D
 Acq: 1 Jul 2023 13:15

Tgt Ion:128 Resp: 122858

Ion	Ratio	Lower	Upper
128	100		
64	55.6	44.3	66.5
130	30.3	27.3	40.9

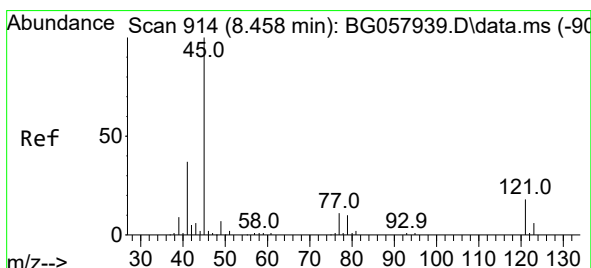
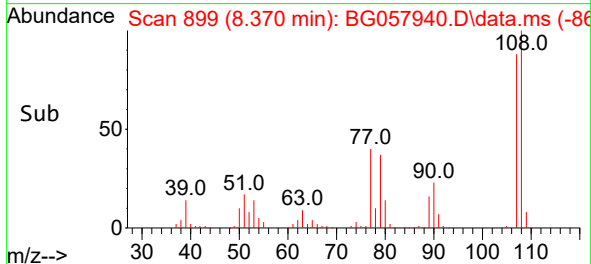
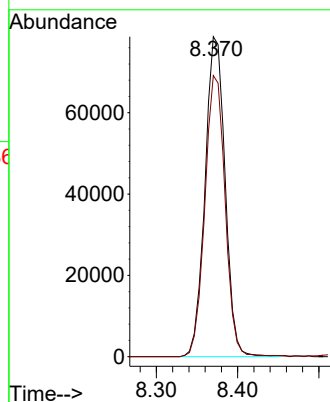
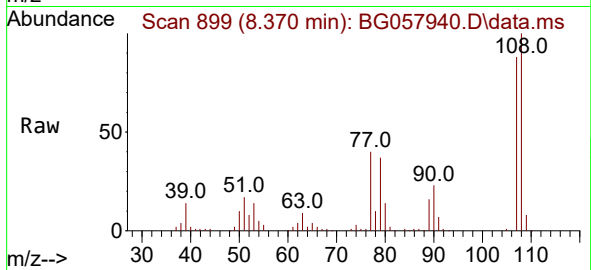




#13
2-Methylphenol
Concen: 39.690 ng/ul
RT: 8.370 min Scan# 899
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

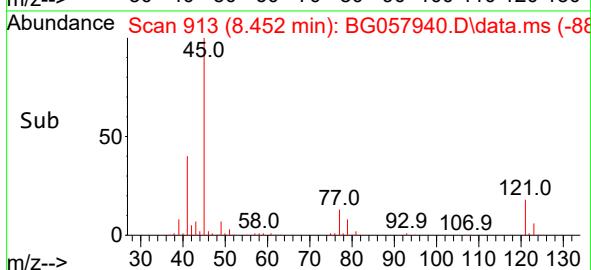
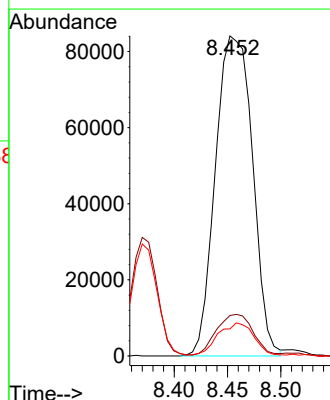
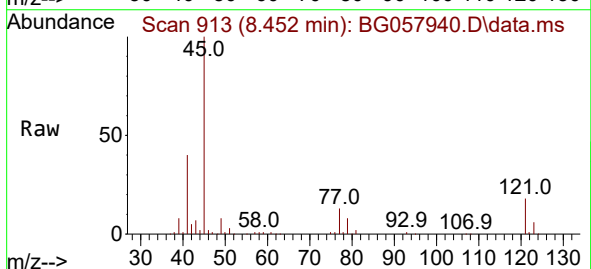
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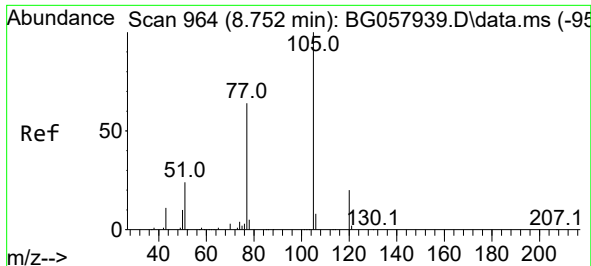
Tgt Ion:108 Resp: 135347
Ion Ratio Lower Upper
108 100
107 87.9 75.0 112.4



#14
2,2'-oxybis(1-Chloropropane)
Concen: 39.402 ng/ul
RT: 8.452 min Scan# 913
Delta R.T. -0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion: 45 Resp: 203344
Ion Ratio Lower Upper
45 100
77 12.7 9.4 14.2
79 8.5 8.3 12.5

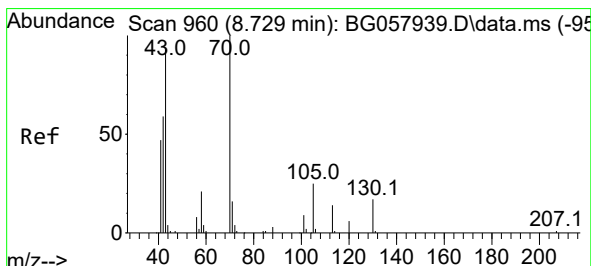
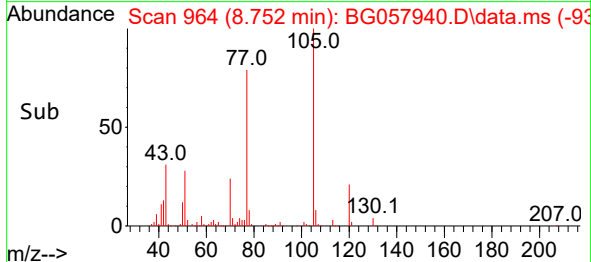
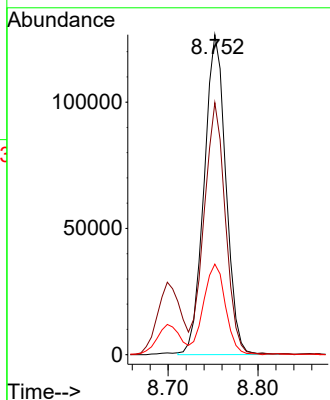
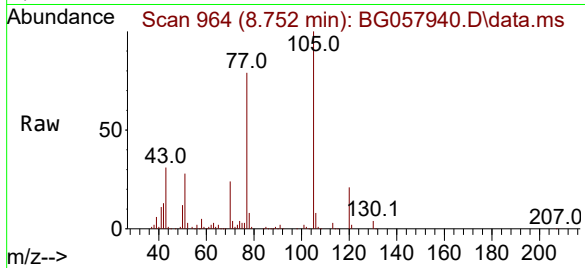




#16
Acetophenone
Concen: 39.737 ng/ul
RT: 8.752 min Scan# 964
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

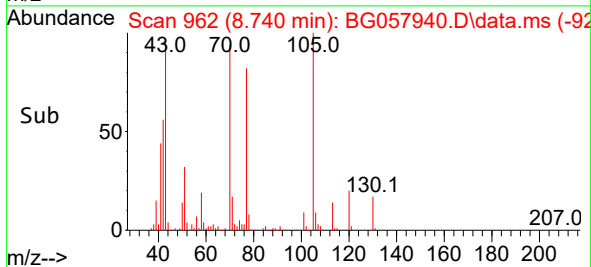
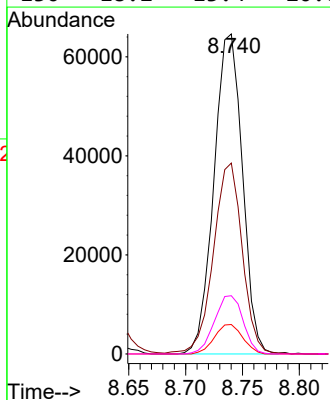
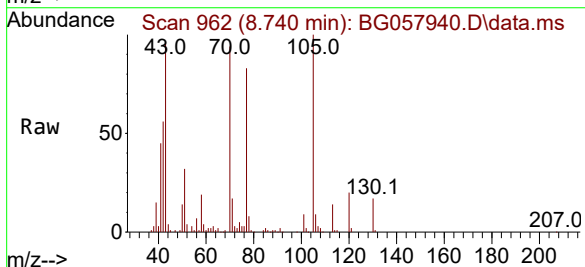
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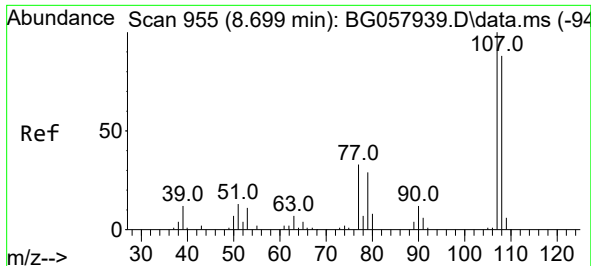
Tgt Ion:105 Resp: 212859
Ion Ratio Lower Upper
105 100
77 78.8 61.2 91.8
51 28.3 23.5 35.3



#17
N-Nitroso-di-n-propylamine
Concen: 39.309 ng/ul
RT: 8.740 min Scan# 962
Delta R.T. 0.012 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion: 70 Resp: 112564
Ion Ratio Lower Upper
70 100
42 59.6 48.0 72.0
101 9.2 7.4 11.2
130 18.2 13.4 20.0

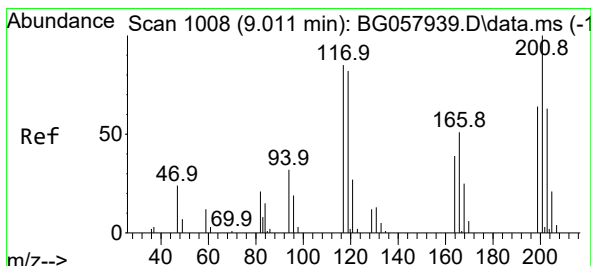
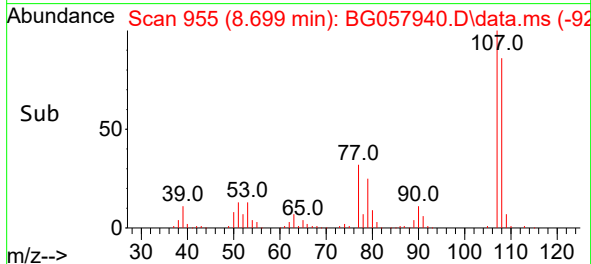
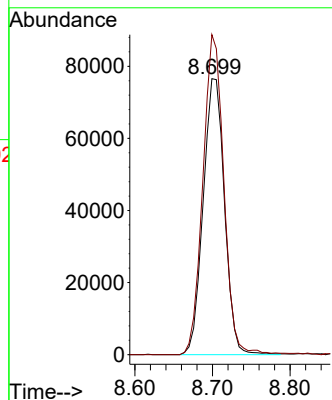
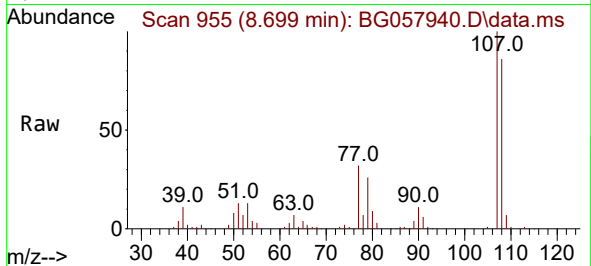




#18
4-Methylphenol
Concen: 39.709 ng/ul
RT: 8.699 min Scan# 91
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

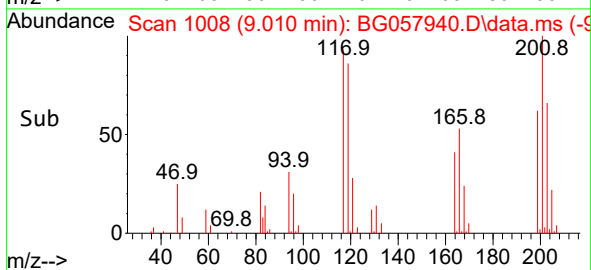
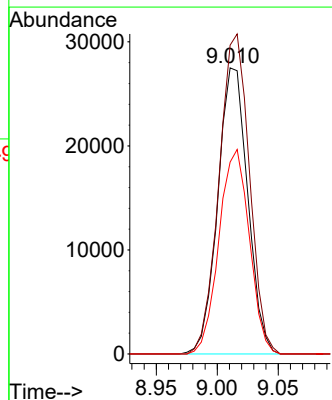
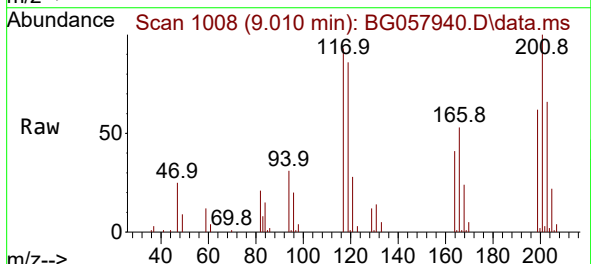
Instrument :
BNA_G
ClientSampleId :
SSTD040438

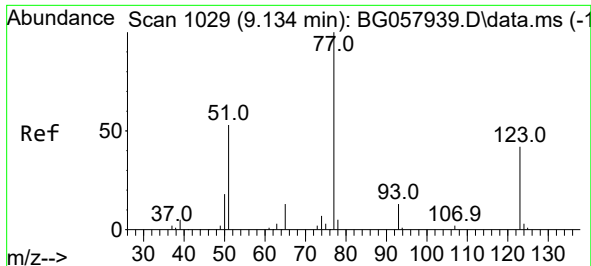
Tgt Ion:108 Resp: 146421
Ion Ratio Lower Upper
108 100
107 115.9 91.1 136.7



#19
Hexachloroethane
Concen: 39.923 ng/ul
RT: 9.010 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:117 Resp: 47001
Ion Ratio Lower Upper
117 100
201 108.0 94.0 141.0
199 67.1 59.8 89.6

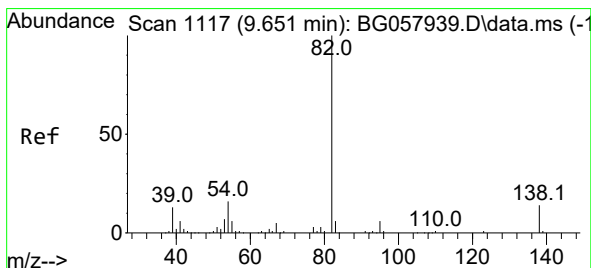
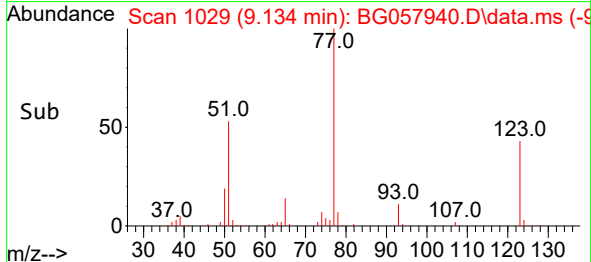
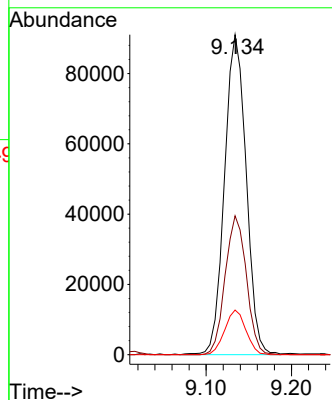
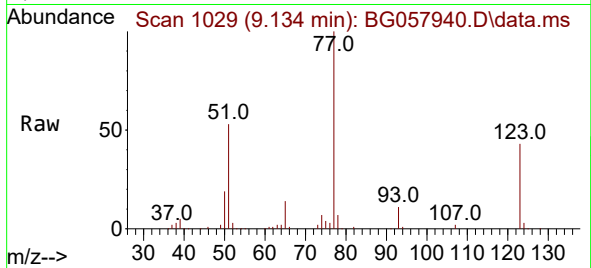




#22
Nitrobenzene
Concen: 40.108 ng/ul
RT: 9.134 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

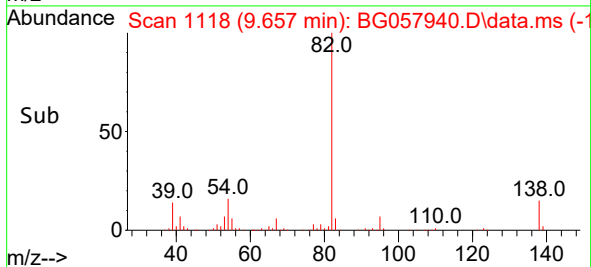
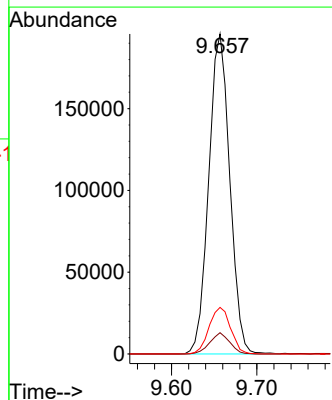
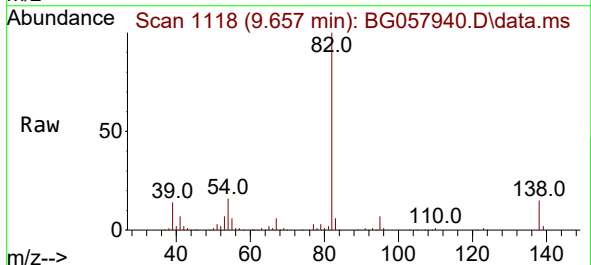
Instrument :
BNA_G
ClientSampleId :
SSTD040438

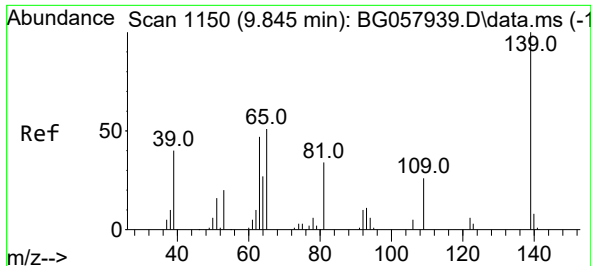
Tgt Ion: 77 Resp: 160577
Ion Ratio Lower Upper
77 100
123 43.4 33.3 49.9
65 13.9 10.4 15.6



#23
Isophorone
Concen: 39.355 ng/ul
RT: 9.657 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion: 82 Resp: 336205
Ion Ratio Lower Upper
82 100
95 6.6 4.8 7.2
138 14.6 11.4 17.0

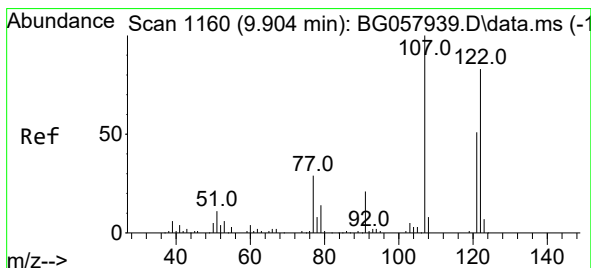
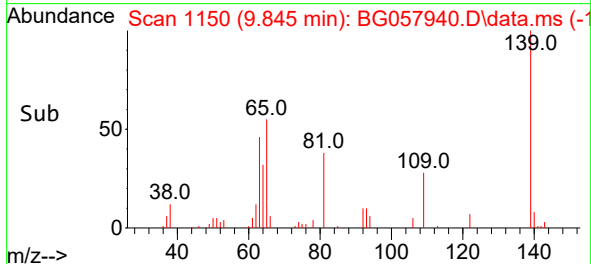
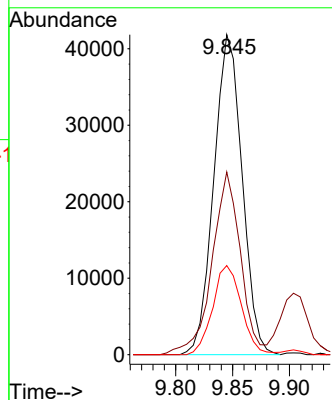
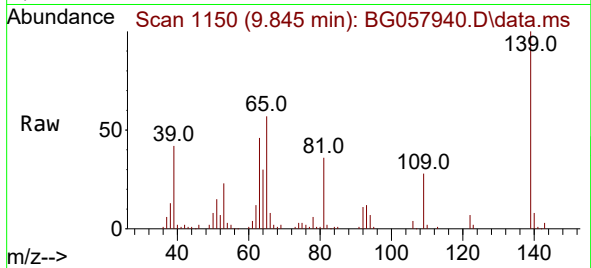




#25
2-Nitrophenol
Concen: 41.698 ng/ul
RT: 9.845 min Scan# 1150
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

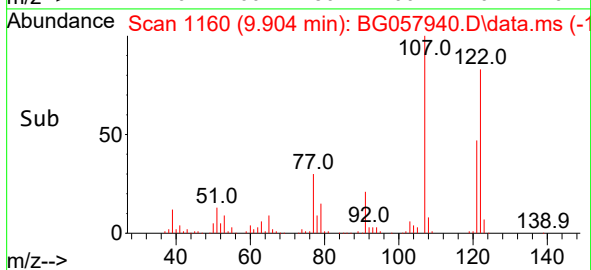
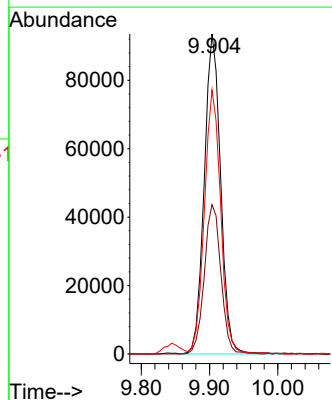
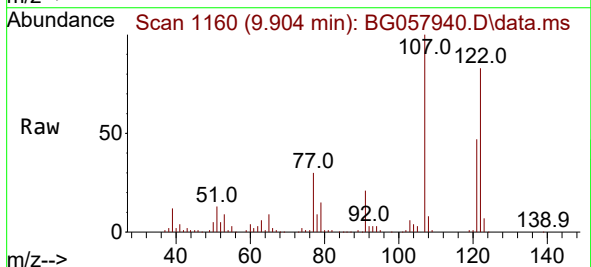
Instrument :
BNA_G
ClientSampleId :
SSTD040438

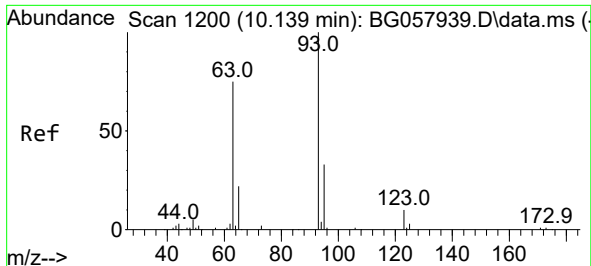
Tgt Ion:139 Resp: 72524
Ion Ratio Lower Upper
139 100
65 57.1 42.6 64.0
109 27.9 20.7 31.1



#26
2,4-Dimethylphenol
Concen: 39.980 ng/ul
RT: 9.904 min Scan# 1160
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:107 Resp: 156361
Ion Ratio Lower Upper
107 100
121 46.7 40.6 60.8
122 82.5 67.1 100.7





#27

Bis(2-Chloroethoxy)methane

Concen: 39.201 ng/ul

RT: 10.139 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

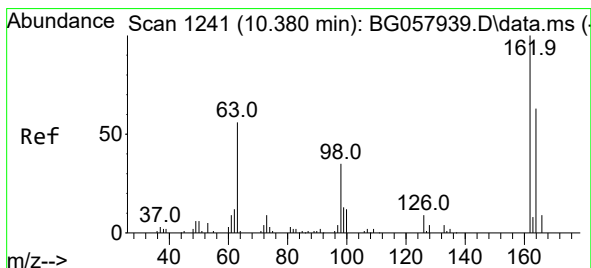
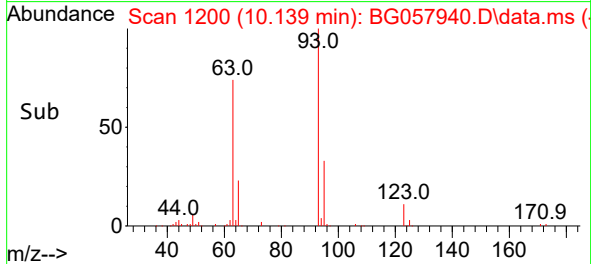
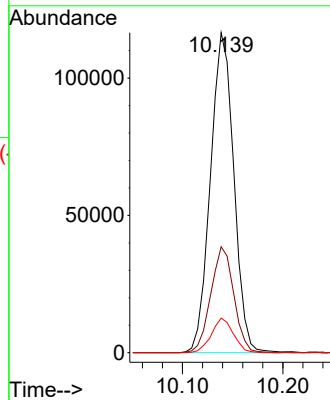
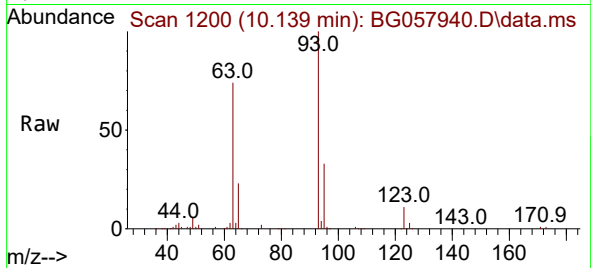
Tgt Ion: 93 Resp: 188713

Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 10.8 7.9 11.9



#29

2,4-Dichlorophenol

Concen: 40.416 ng/ul

RT: 10.379 min Scan# 1241

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

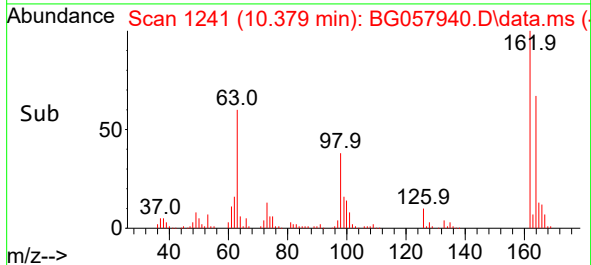
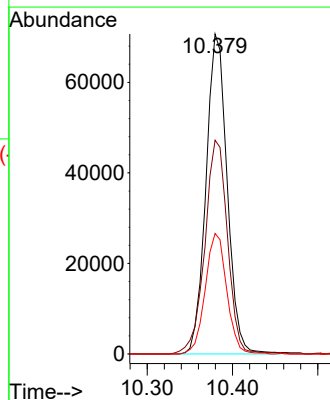
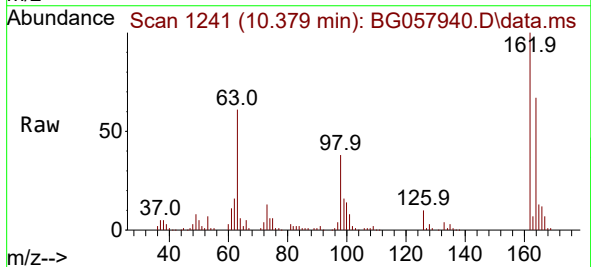
Tgt Ion:162 Resp: 122187

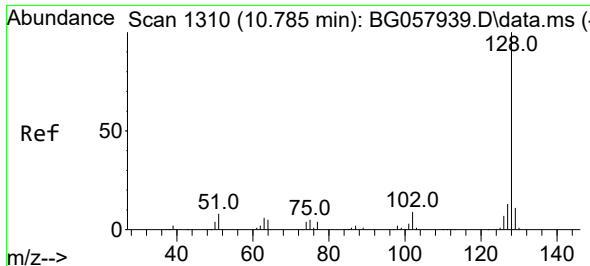
Ion Ratio Lower Upper

162 100

164 66.8 51.1 76.7

98 37.6 27.9 41.9

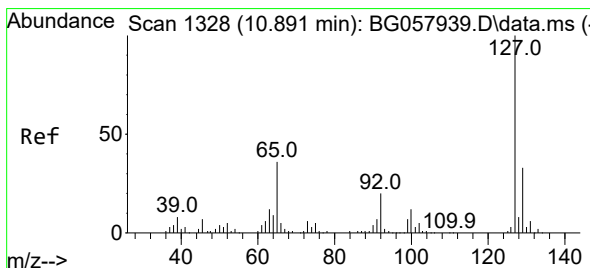
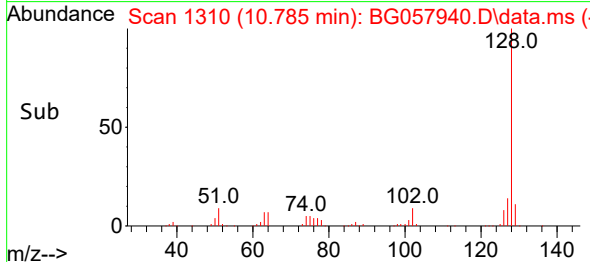
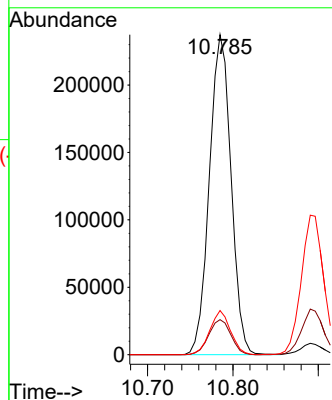
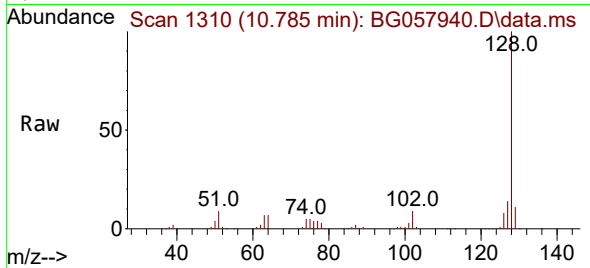




#30
Naphthalene
Concen: 39.393 ng/ul
RT: 10.785 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

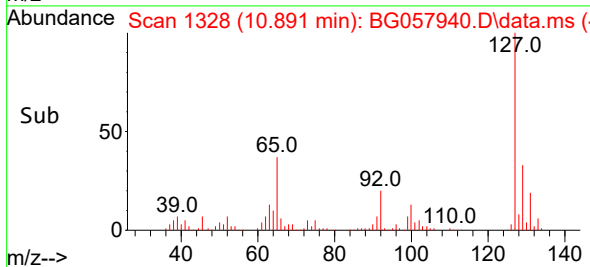
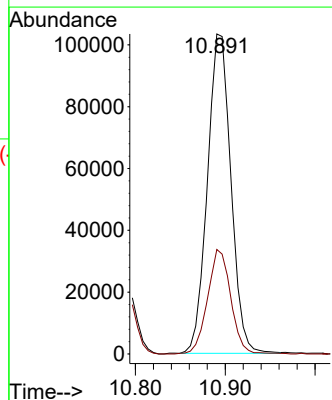
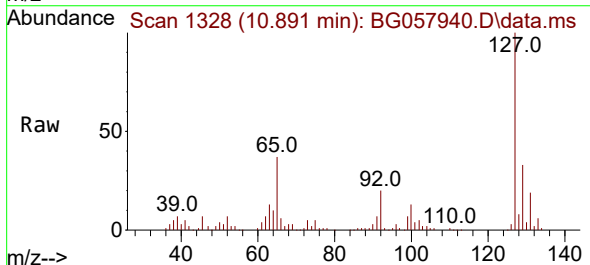
Instrument :
BNA_G
ClientSampleId :
SSTD040438

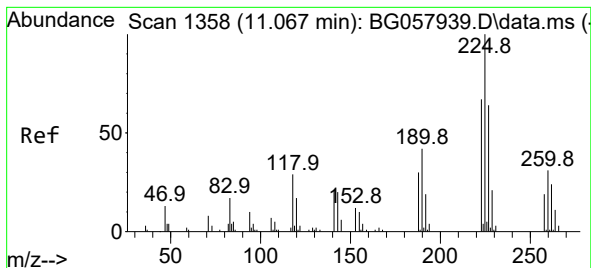
Tgt Ion:128 Resp: 418902
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.8 10.2 15.2



#32
4-Chloroaniline
Concen: 39.017 ng/ul
RT: 10.891 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:127 Resp: 188078
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0





#33

Hexachlorobutadiene

Concen: 39.267 ng/ul

RT: 11.067 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

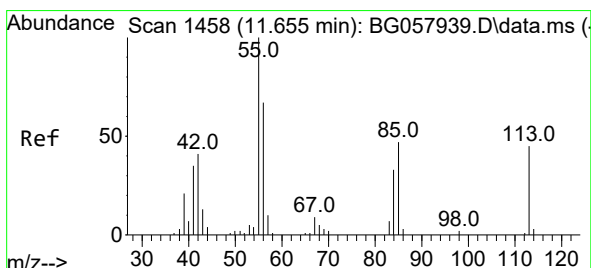
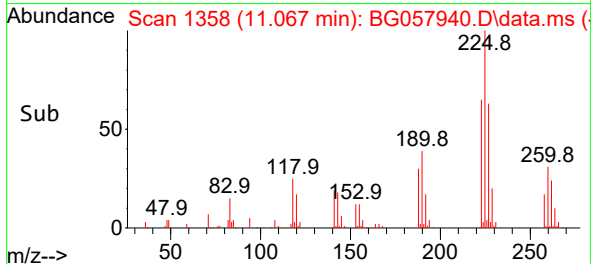
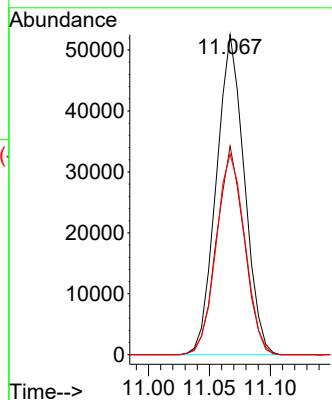
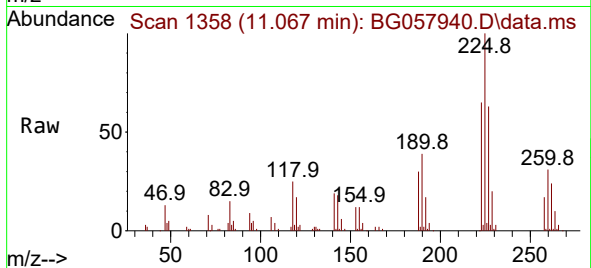
Tgt Ion:225 Resp: 84044

Ion Ratio Lower Upper

225 100

223 65.2 53.2 79.8

227 62.6 51.4 77.2



#34

Caprolactam

Concen: 20.915 ng/ul

RT: 11.654 min Scan# 1458

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

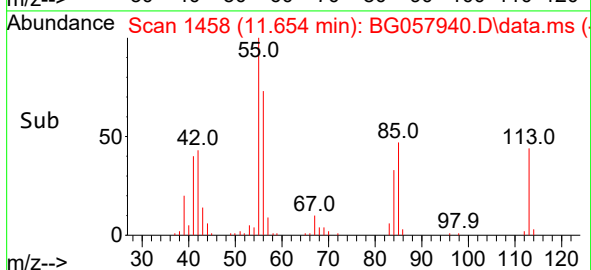
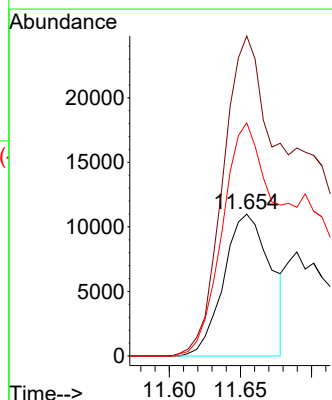
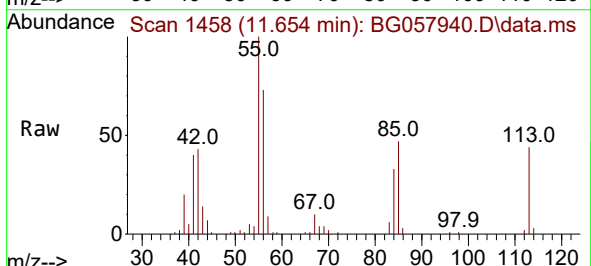
Tgt Ion:113 Resp: 25279

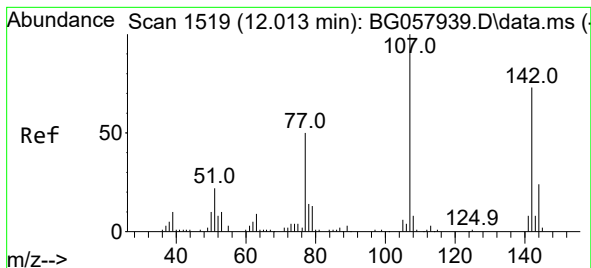
Ion Ratio Lower Upper

113 100

55 225.6 183.4 275.2

56 164.4 123.0 184.6

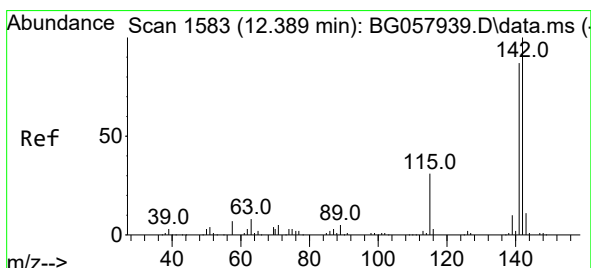
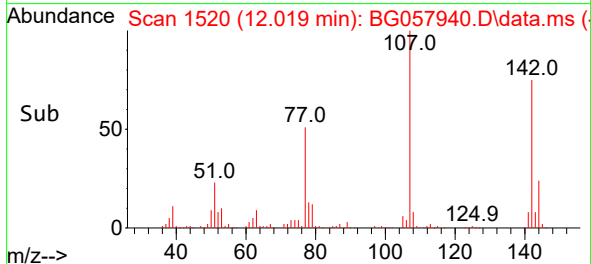
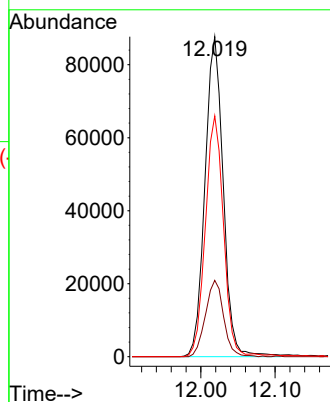
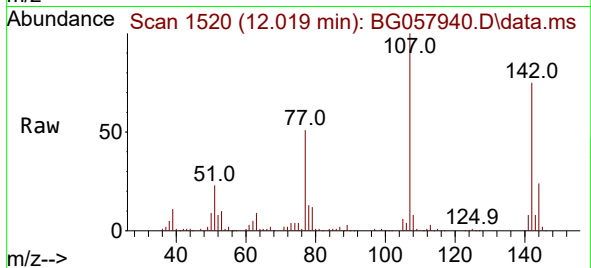




#35
 4-Chloro-3-methylphenol
 Concen: 40.319 ng/ul
 RT: 12.019 min Scan# 1519
 Delta R.T. 0.006 min
 Lab File: BG057940.D
 Acq: 1 Jul 2023 13:15

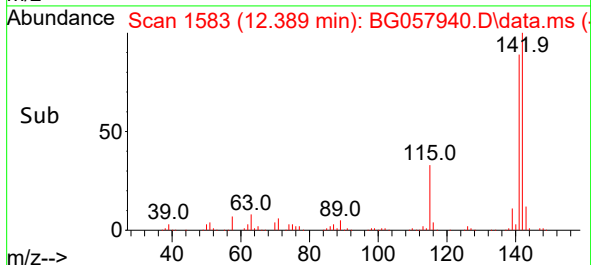
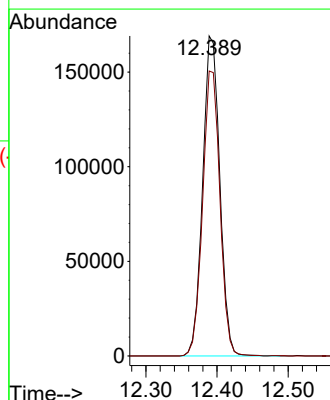
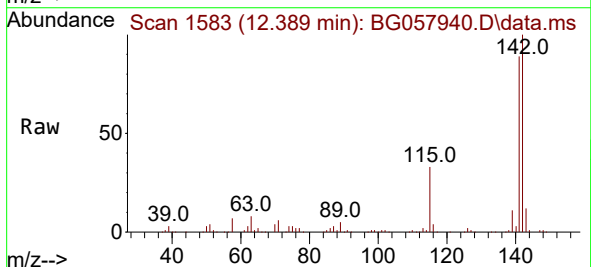
Instrument :
 BNA_G
 ClientSampleId :
 SST040438

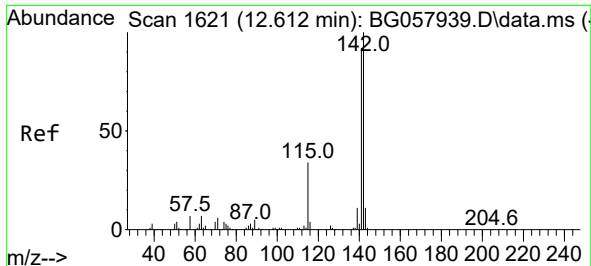
Tgt Ion:107 Resp: 149734
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.0 28.4
 142 75.3 58.4 87.6



#36
 2-Methylnaphthalene
 Concen: 39.563 ng/ul
 RT: 12.389 min Scan# 1583
 Delta R.T. -0.000 min
 Lab File: BG057940.D
 Acq: 1 Jul 2023 13:15

Tgt Ion:142 Resp: 283596
 Ion Ratio Lower Upper
 142 100
 141 89.1 69.4 104.2





#37

1-Methylnaphthalene

Concen: 39.401 ng/ul

RT: 12.612 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

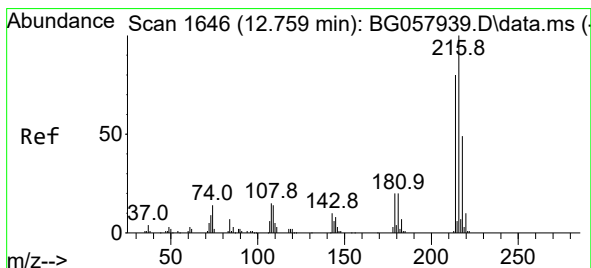
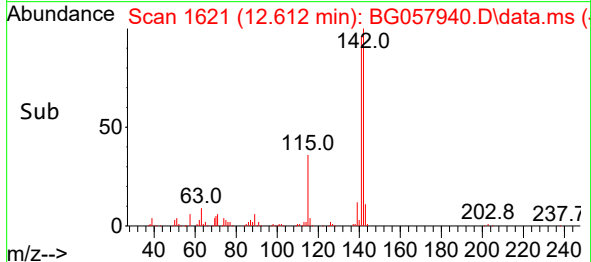
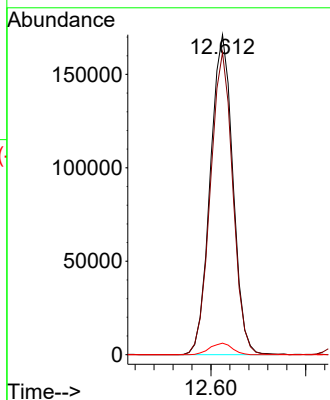
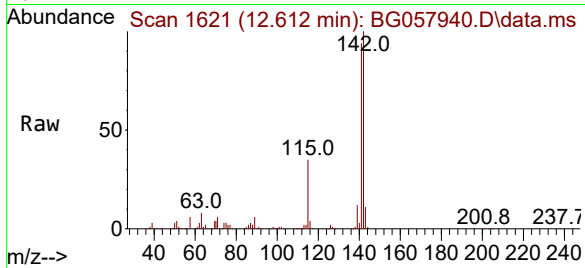
Tgt Ion:142 Resp: 283226

Ion Ratio Lower Upper

142 100

141 94.4 73.8 110.8

116 3.6 3.0 4.4



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.562 ng/ul

RT: 12.759 min Scan# 1646

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Tgt Ion:216 Resp: 159859

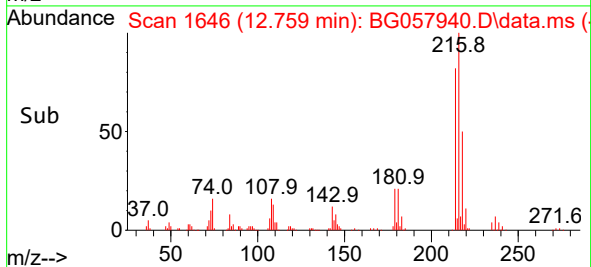
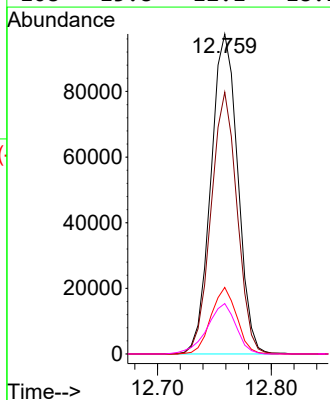
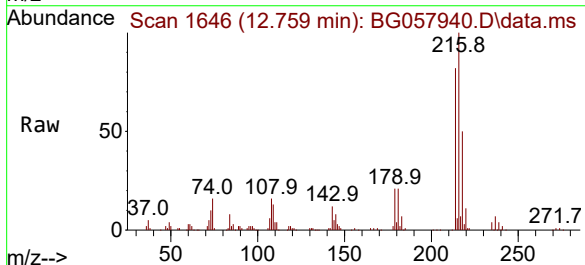
Ion Ratio Lower Upper

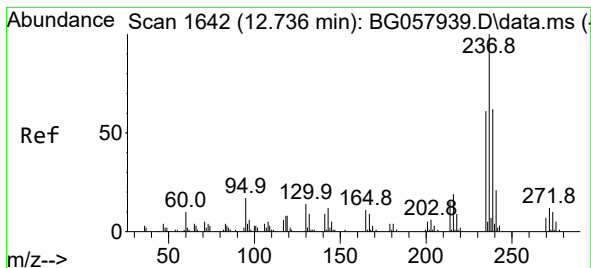
216 100

214 81.8 64.1 96.1

179 20.8 16.0 24.0

108 15.8 12.1 18.1

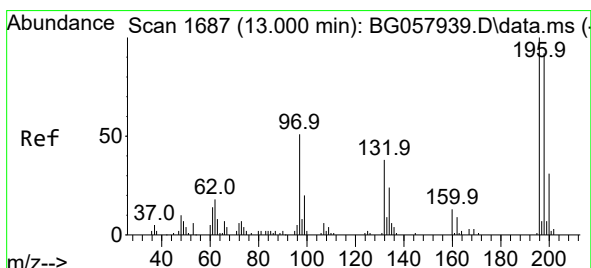
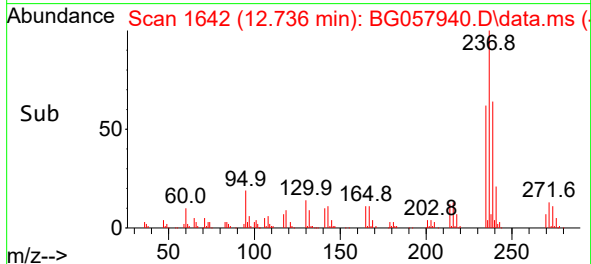
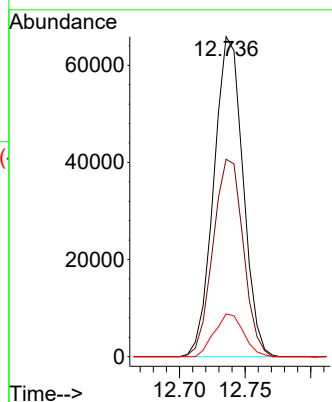
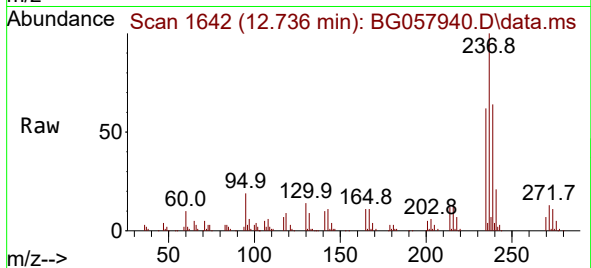




#40
Hexachlorocyclopentadiene
Concen: 40.043 ng/ul
RT: 12.736 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

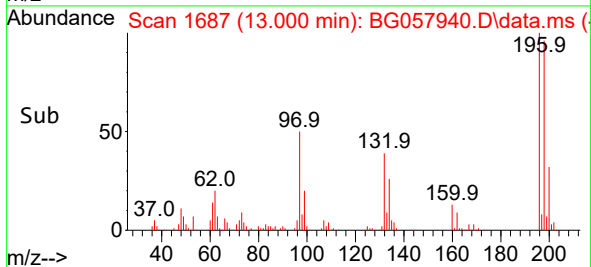
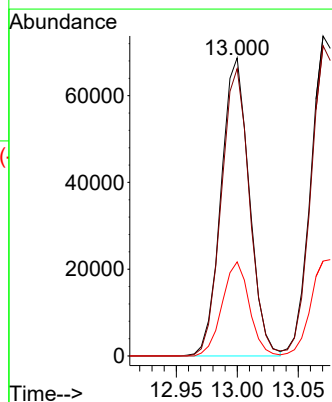
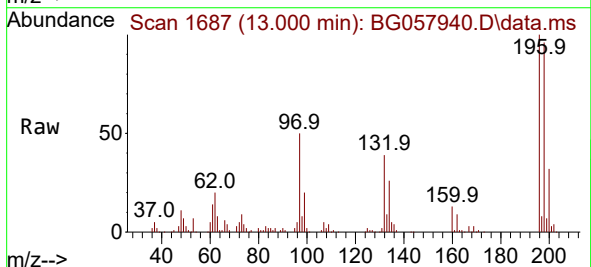
Instrument :
BNA_G
ClientSampleId :
SSTD040438

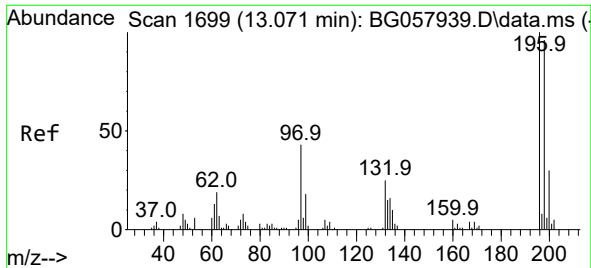
Tgt Ion:237 Resp: 101915
Ion Ratio Lower Upper
237 100
235 61.7 49.2 73.8
272 13.4 10.4 15.6



#41
2,4,6-Trichlorophenol
Concen: 40.413 ng/ul
RT: 13.000 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:196 Resp: 110677
Ion Ratio Lower Upper
196 100
198 96.4 73.5 110.3
200 31.6 24.8 37.2

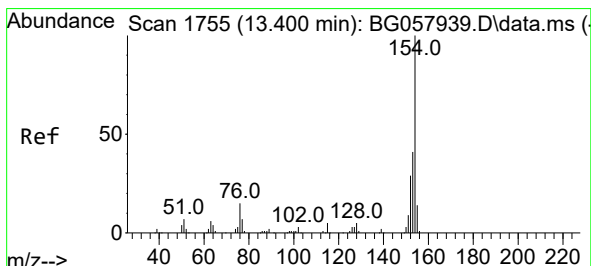
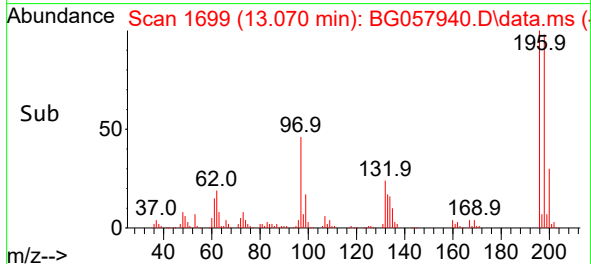
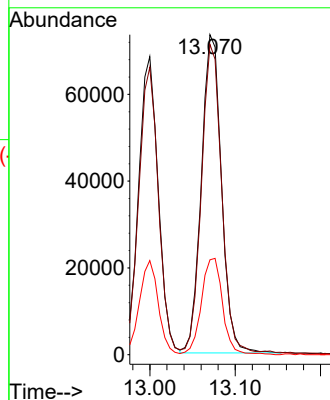
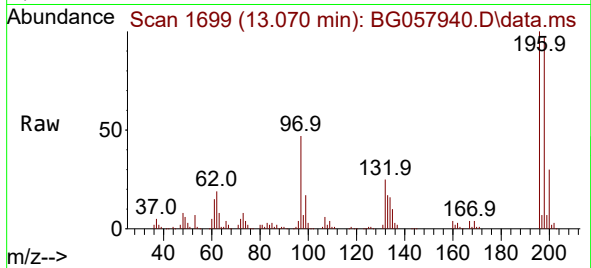




#42
2,4,5-Trichlorophenol
Concen: 40.662 ng/ul
RT: 13.070 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

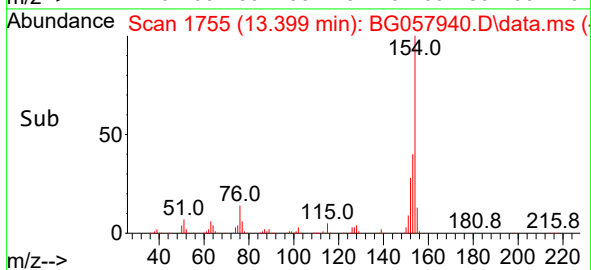
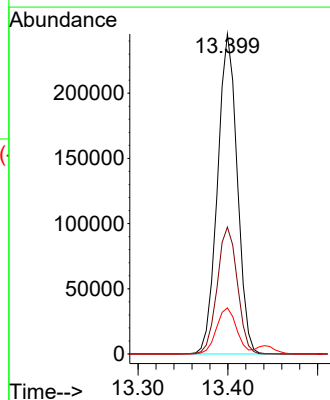
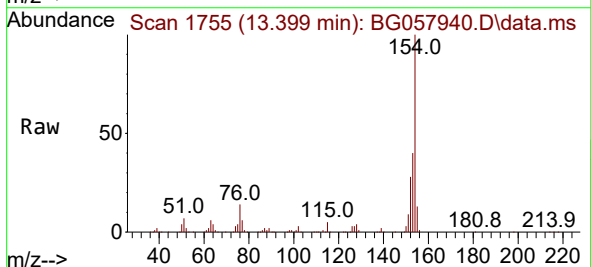
Instrument :
BNA_G
ClientSampleId :
SSTD040438

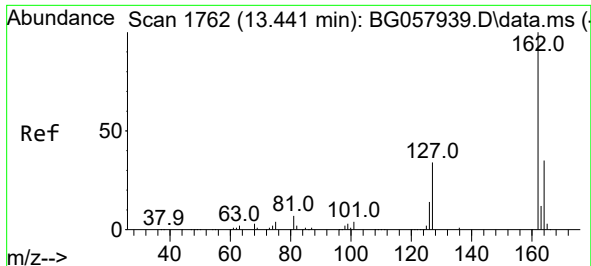
Tgt Ion:196 Resp: 120434
Ion Ratio Lower Upper
196 100
198 97.0 77.2 115.8
200 29.7 23.8 35.6



#43
1,1'-Biphenyl
Concen: 39.144 ng/ul
RT: 13.399 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:154 Resp: 374032
Ion Ratio Lower Upper
154 100
153 39.6 32.6 49.0
76 14.4 11.6 17.4

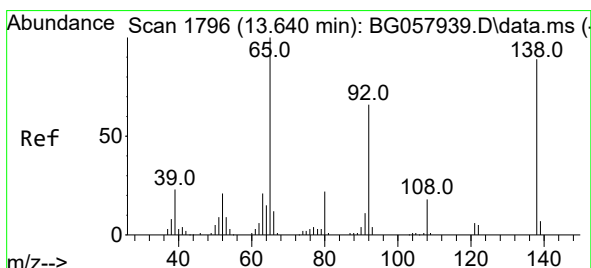
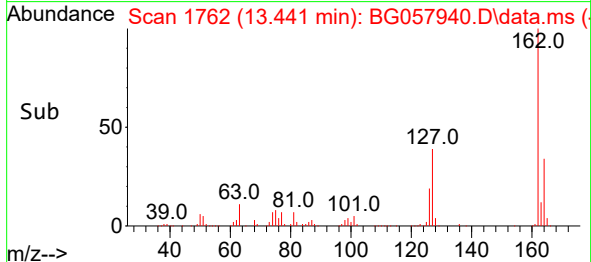
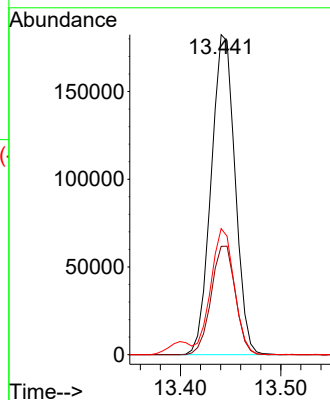
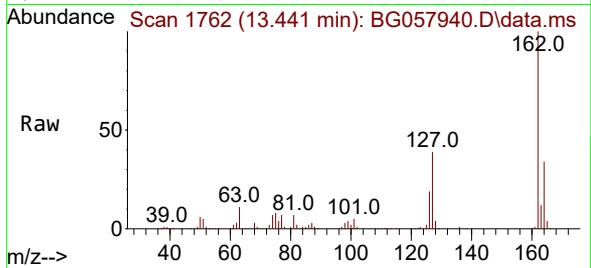




#44
2-Chloronaphthalene
Concen: 39.275 ng/ul
RT: 13.441 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

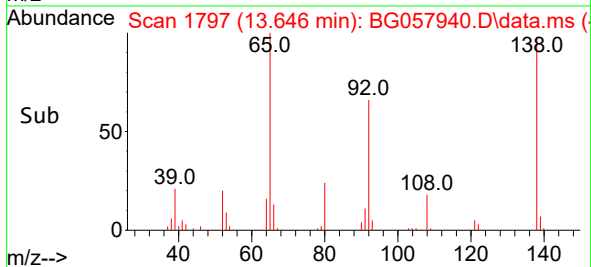
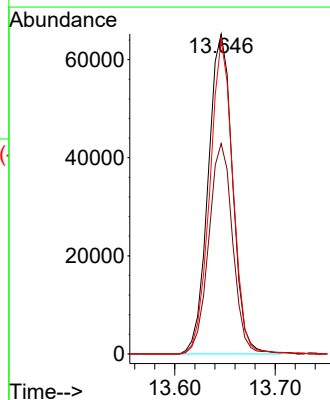
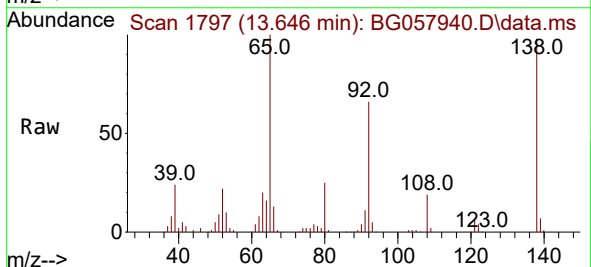
Instrument :
BNA_G
ClientSampleId :
SSTD040438

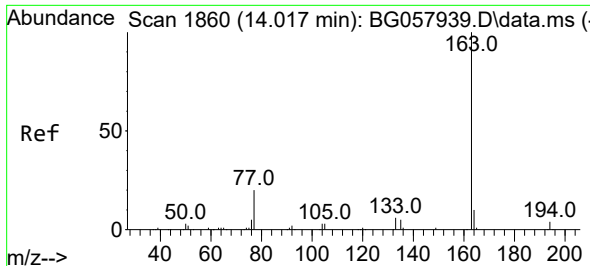
Tgt Ion:162 Resp: 301196
Ion Ratio Lower Upper
162 100
164 33.8 27.7 41.5
127 39.4 30.9 46.3



#45
2-Nitroaniline
Concen: 41.345 ng/ul
RT: 13.646 min Scan# 1797
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion: 65 Resp: 110239
Ion Ratio Lower Upper
65 100
92 65.7 53.2 79.8
138 98.3 71.1 106.7

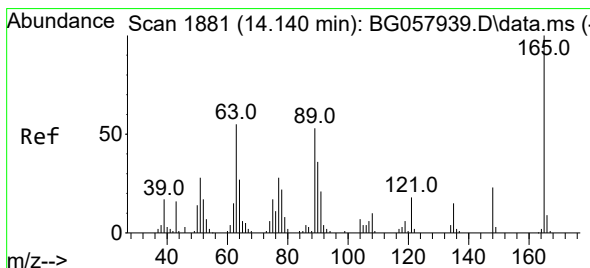
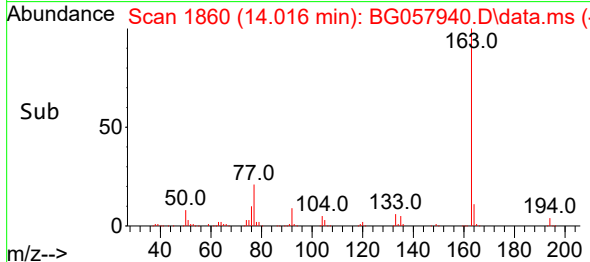
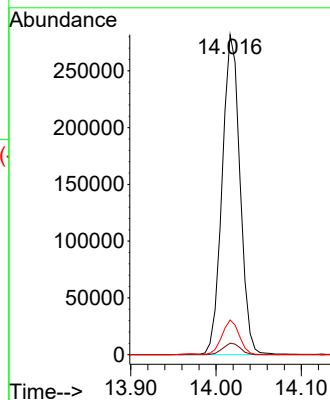
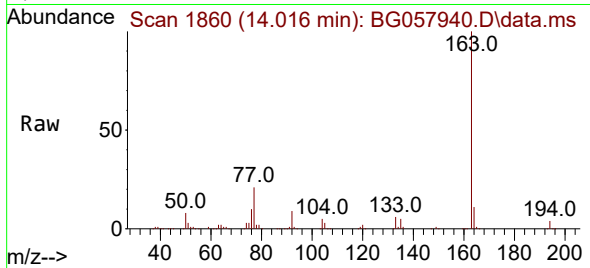




#47
Dimethylphthalate
Concen: 39.082 ng/ul
RT: 14.016 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

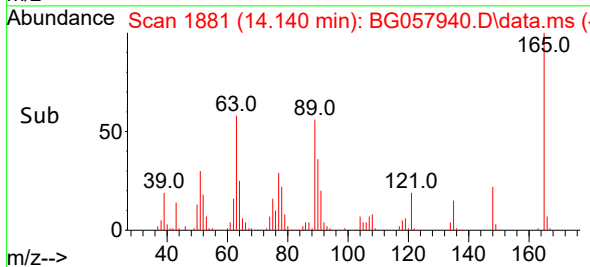
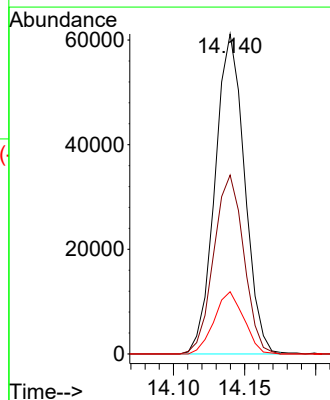
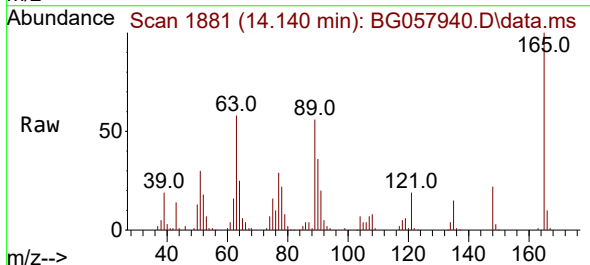
Instrument :
BNA_G
ClientSampleId :
SSTD040438

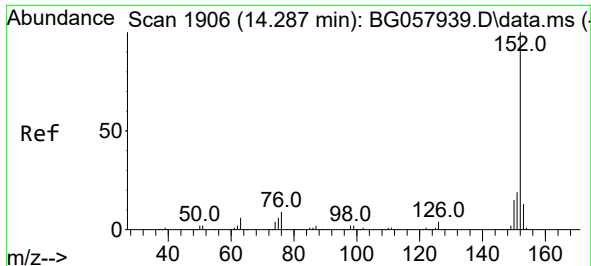
Tgt Ion:163 Resp: 410779
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.9 8.6 12.8



#48
2,6-Dinitrotoluene
Concen: 40.927 ng/ul
RT: 14.140 min Scan# 1881
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:165 Resp: 88298
Ion Ratio Lower Upper
165 100
89 55.9 42.7 64.1
121 19.5 14.8 22.2

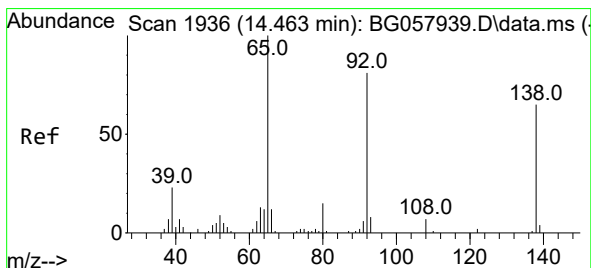
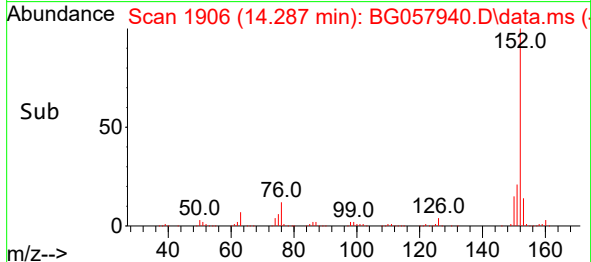
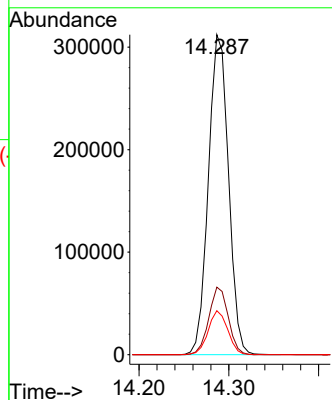
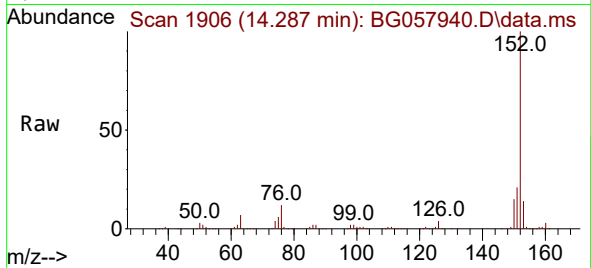




#50
Acenaphthylene
Concen: 39.352 ng/ul
RT: 14.287 min Scan# 1906
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

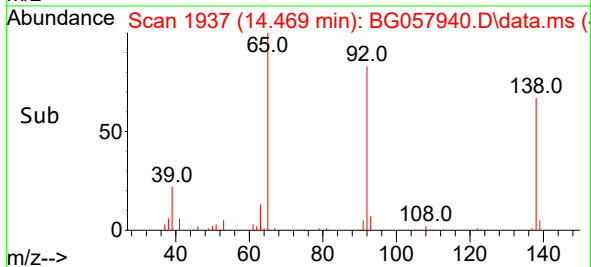
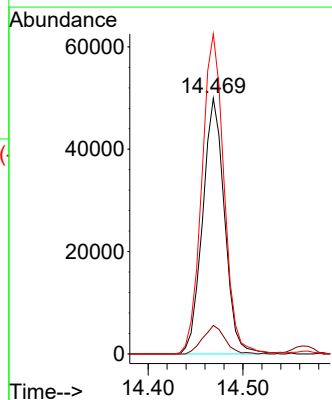
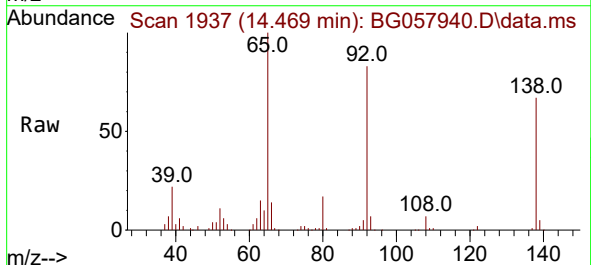
Instrument :
BNA_G
ClientSampleId :
SSTD040438

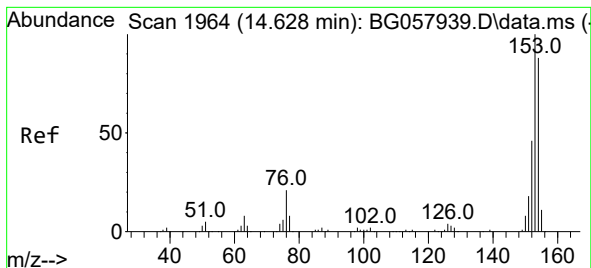
Tgt Ion:152 Resp: 485138
Ion Ratio Lower Upper
152 100
151 21.1 15.6 23.4
153 13.8 10.5 15.7



#51
3-Nitroaniline
Concen: 44.077 ng/ul
RT: 14.469 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:138 Resp: 80362
Ion Ratio Lower Upper
138 100
108 11.1 8.2 12.2
92 125.1 100.2 150.4





#52

Acenaphthene

Concen: 39.064 ng/ul

RT: 14.627 min Scan# 1964

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

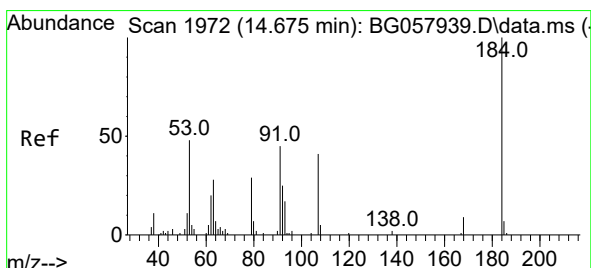
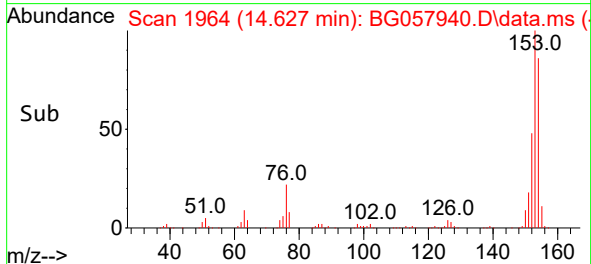
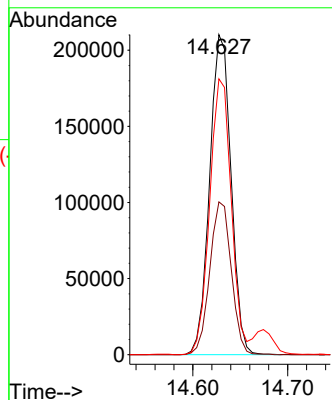
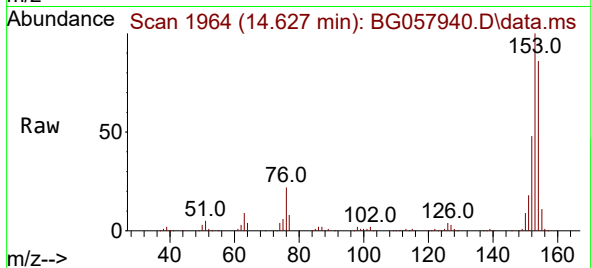
Tgt Ion:153 Resp: 330465

Ion Ratio Lower Upper

153 100

152 47.8 36.5 54.7

154 86.2 70.5 105.7



#53

2,4-Dinitrophenol

Concen: 40.787 ng/ul

RT: 14.674 min Scan# 1972

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

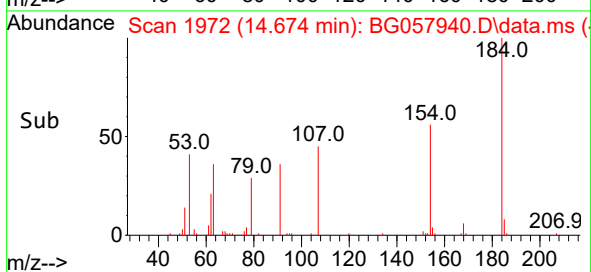
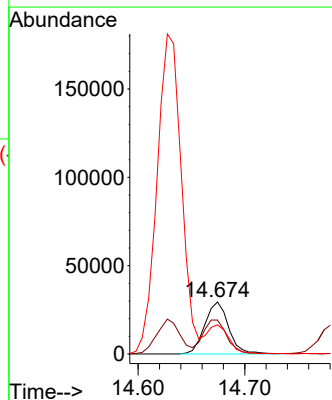
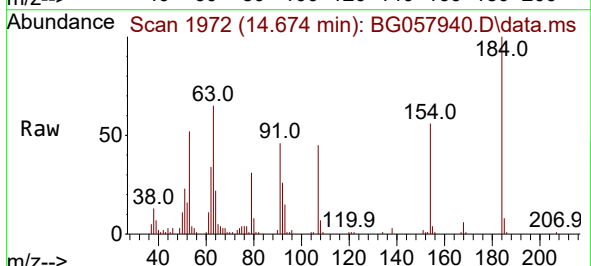
Tgt Ion:184 Resp: 45876

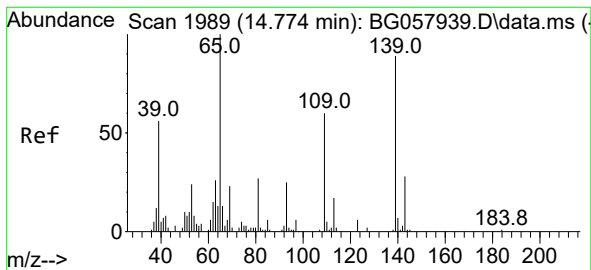
Ion Ratio Lower Upper

184 100

63 65.2 51.1 76.7

154 56.0 43.3 64.9

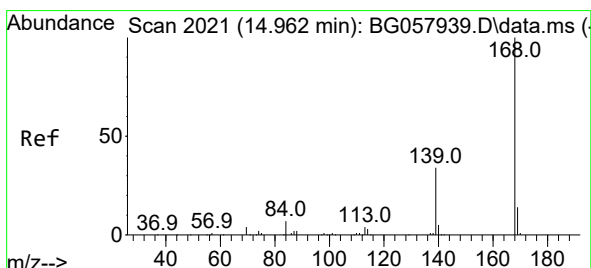
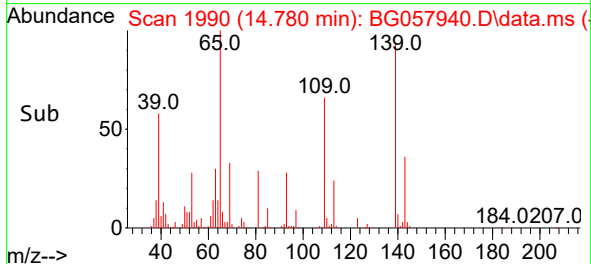
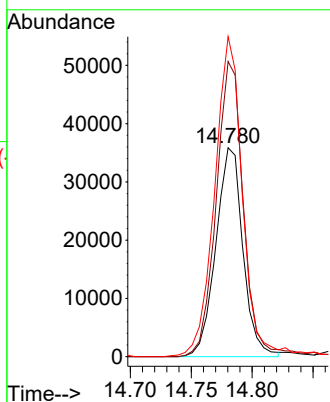
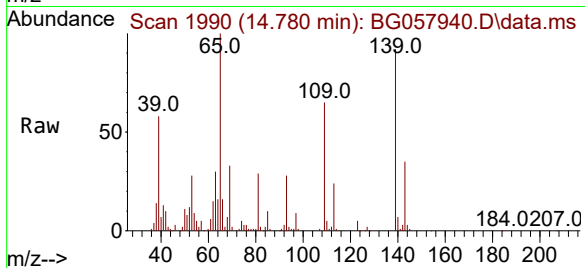




#55
4-Nitrophenol
Concen: 40.495 ng/ul
RT: 14.780 min Scan# 1990
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

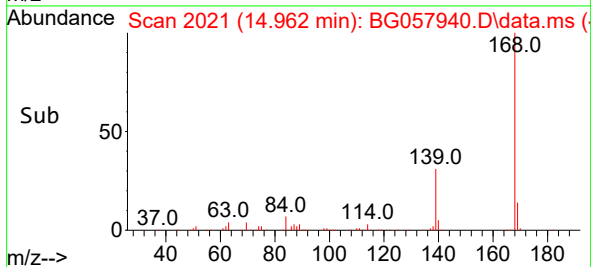
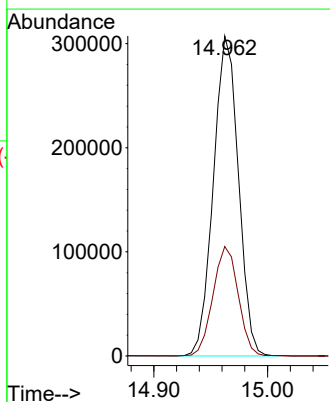
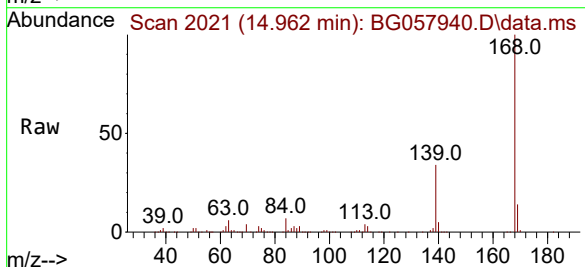
Instrument :
BNA_G
ClientSampleId :
SSTD040438

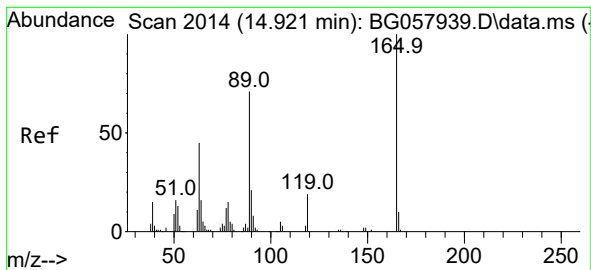
Tgt Ion:109 Resp: 55448
Ion Ratio Lower Upper
109 100
139 141.2 119.0 178.4
65 153.1 135.5 203.3



#56
Dibenzofuran
Concen: 39.062 ng/ul
RT: 14.962 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:168 Resp: 469736
Ion Ratio Lower Upper
168 100
139 34.2 27.6 41.4

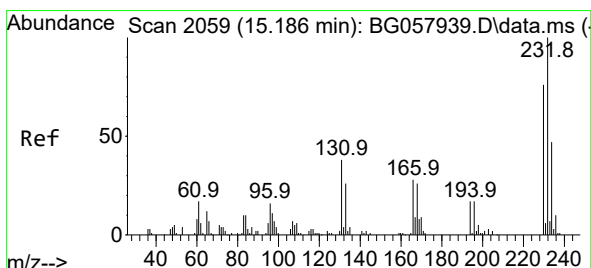
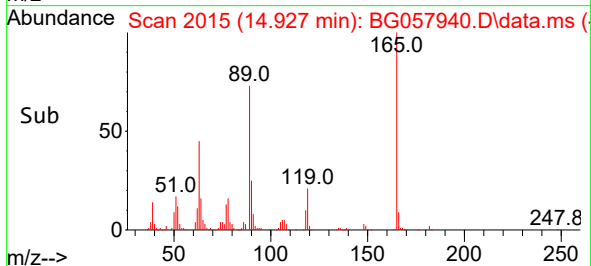
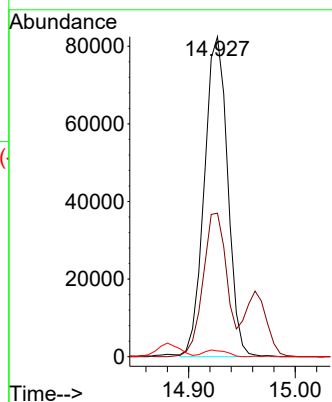
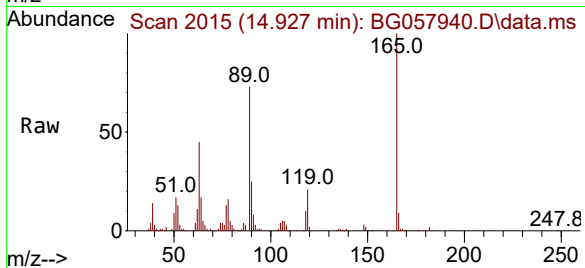




#57
2,4-Dinitrotoluene
Concen: 41.003 ng/ul
RT: 14.927 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

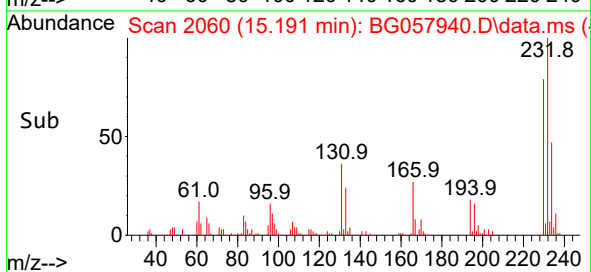
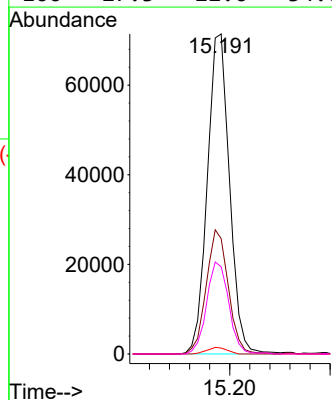
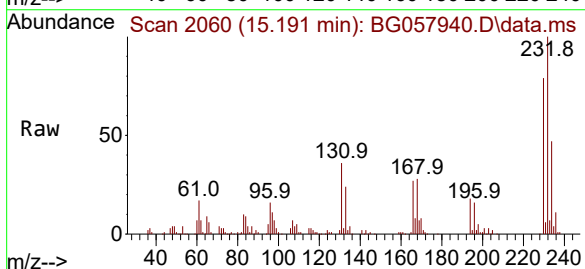
Instrument :
BNA_G
ClientSampleId :
SSTD040438

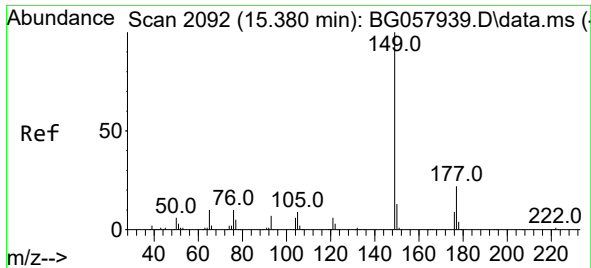
Tgt Ion:165 Resp: 125338
Ion Ratio Lower Upper
165 100
63 44.9 35.8 53.8
182 1.8 1.6 2.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 40.748 ng/ul
RT: 15.191 min Scan# 2060
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:232 Resp: 109866
Ion Ratio Lower Upper
232 100
131 36.1 30.5 45.7
130 1.9 1.4 2.0
166 27.3 22.6 34.0

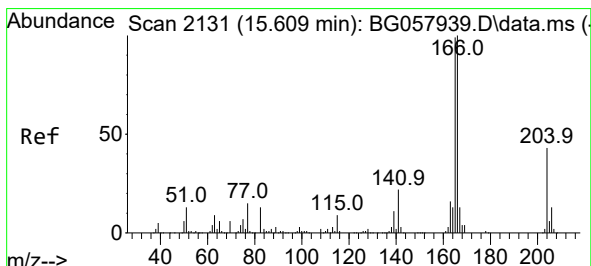
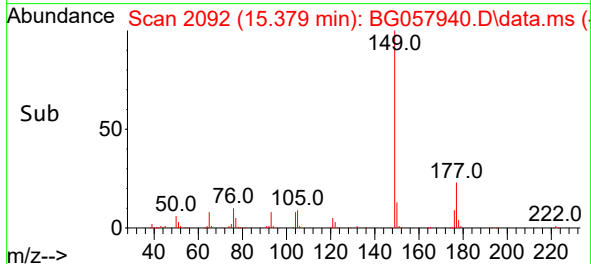
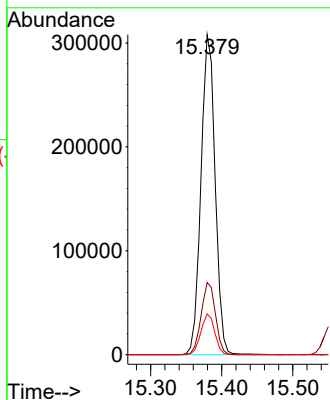
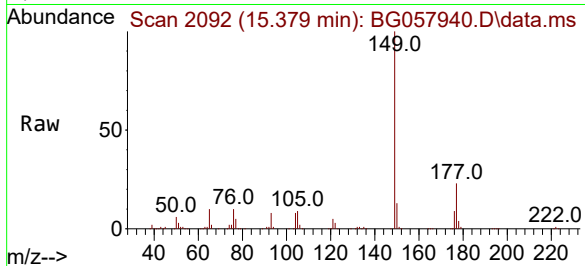




#59
Diethylphthalate
Concen: 39.029 ng/ul
RT: 15.379 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

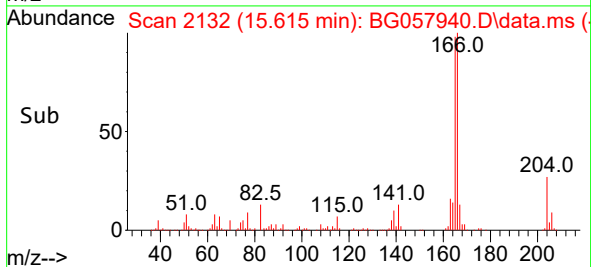
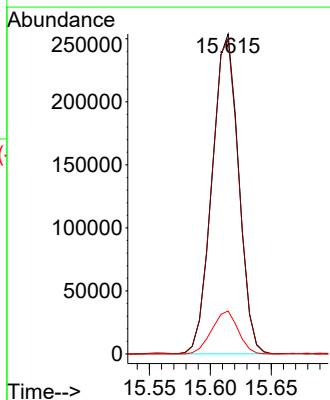
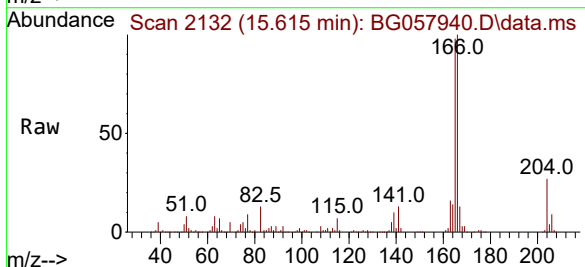
Instrument :
BNA_G
ClientSampleId :
SSTD040438

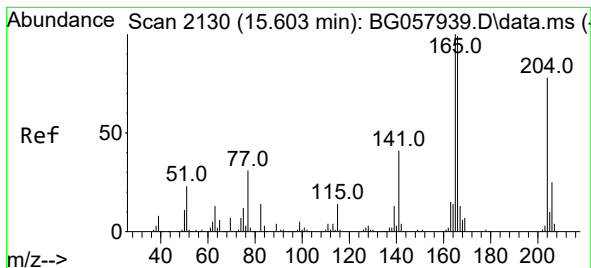
Tgt Ion:149 Resp: 428160
Ion Ratio Lower Upper
149 100
177 22.5 17.8 26.8
150 12.7 10.1 15.1



#61
Fluorene
Concen: 38.930 ng/ul
RT: 15.615 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:166 Resp: 384121
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 13.5 10.7 16.1

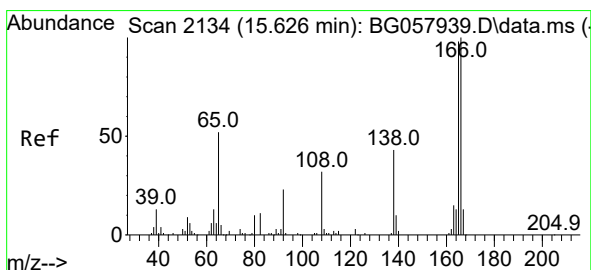
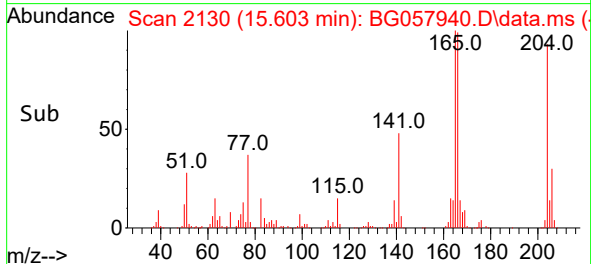
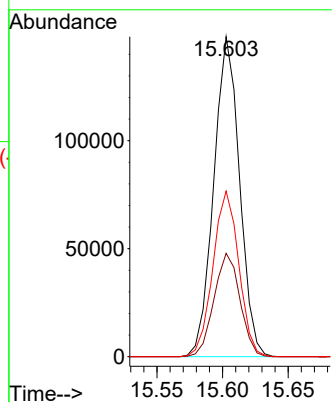
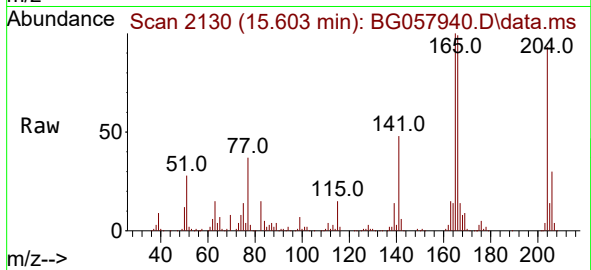




#62
4-Chlorophenyl-phenylether
Concen: 38.771 ng/ul
RT: 15.603 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

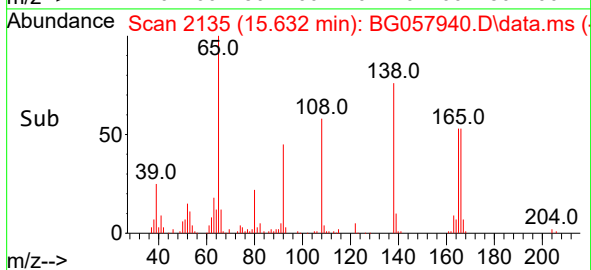
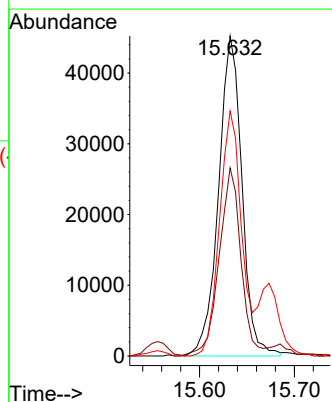
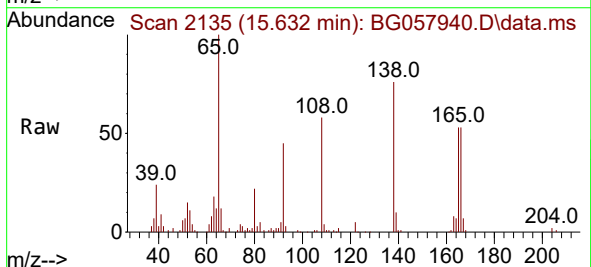
Instrument :
BNA_G
ClientSampleId :
SSTD040438

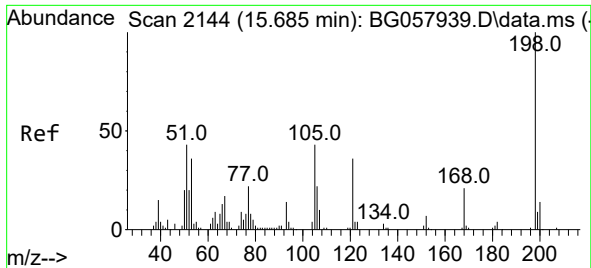
Tgt Ion:204 Resp: 202416
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 51.8 41.8 62.6



#63
4-Nitroaniline
Concen: 47.856 ng/ul
RT: 15.632 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:138 Resp: 77687
Ion Ratio Lower Upper
138 100
92 58.7 43.8 65.8
108 76.6 58.8 88.2

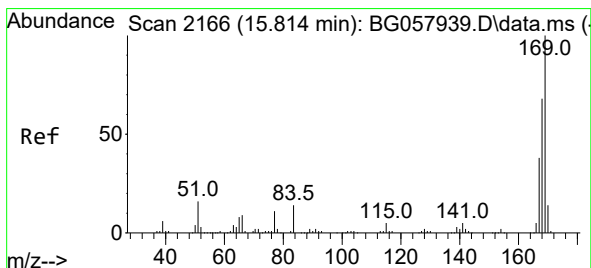
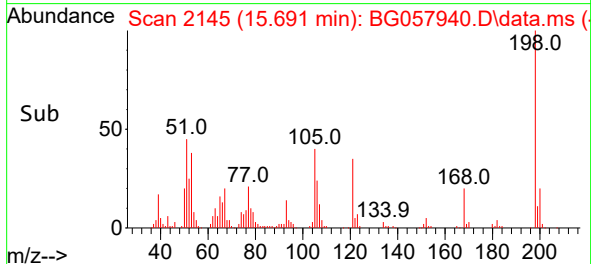
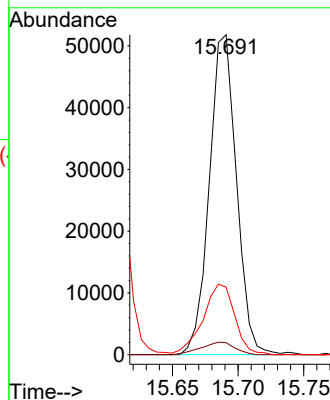
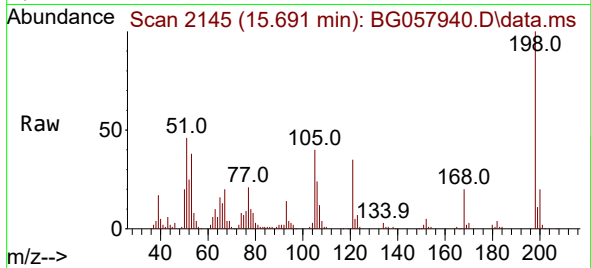




#66
4,6-Dinitro-2-methylphenol
Concen: 41.707 ng/ul
RT: 15.691 min Scan# 2145
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

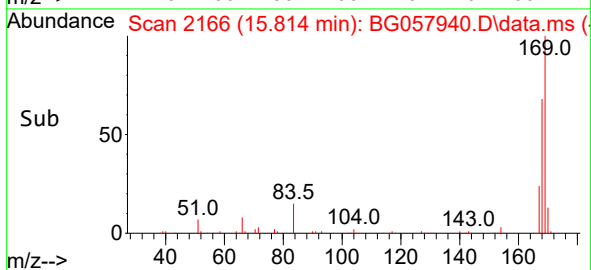
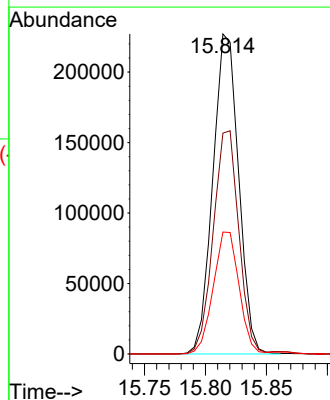
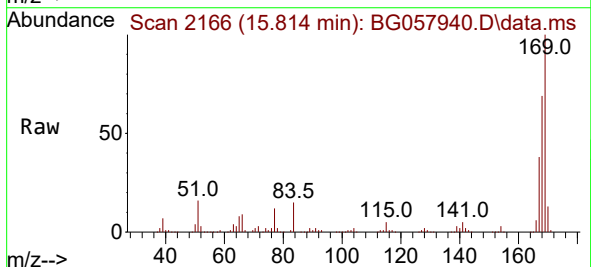
Instrument :
BNA_G
ClientSampleId :
SSTD040438

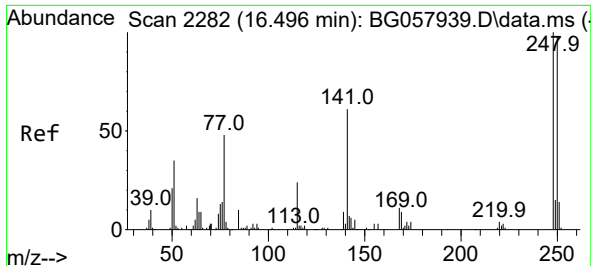
Tgt Ion:198 Resp: 74564
Ion Ratio Lower Upper
198 100
182 3.8 3.1 4.7
77 21.1 17.9 26.9



#67
N-Nitrosodiphenylamine
Concen: 39.036 ng/ul
RT: 15.814 min Scan# 2166
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:169 Resp: 334470
Ion Ratio Lower Upper
169 100
168 69.0 54.2 81.2
167 38.1 30.8 46.2

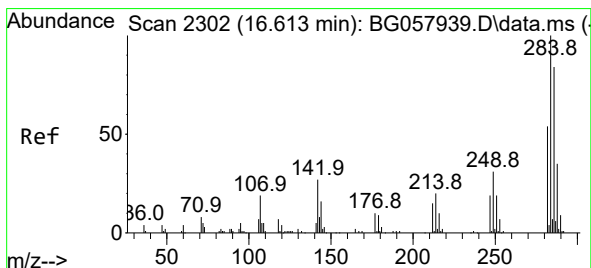
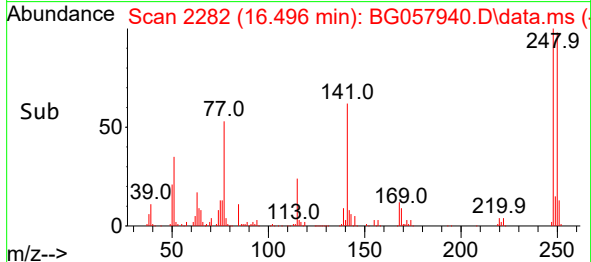
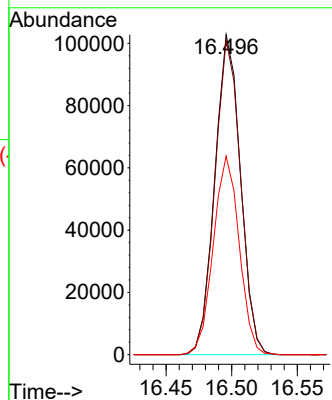
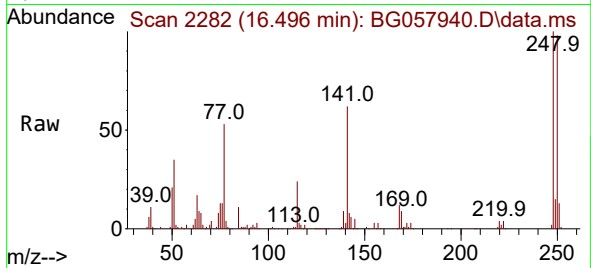




#68
4-Bromophenyl-phenylether
Concen: 39.639 ng/ul
RT: 16.496 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

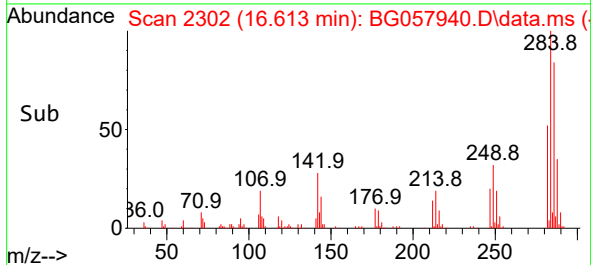
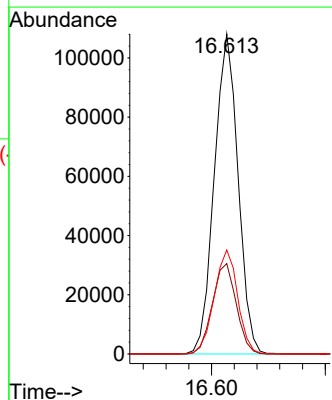
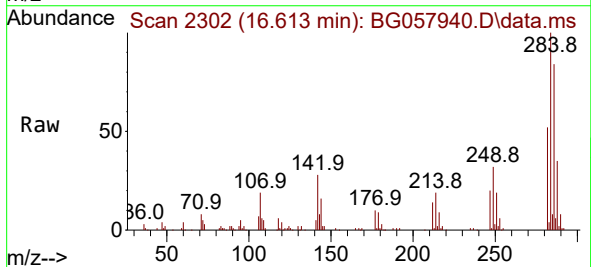
Instrument :
BNA_G
ClientSampleId :
SSTD040438

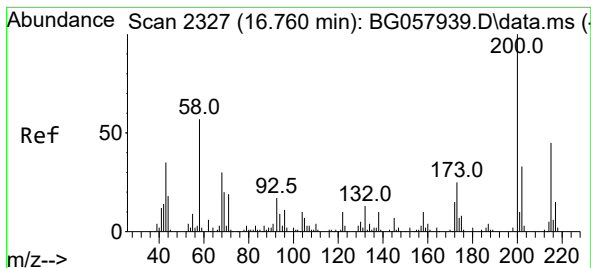
Tgt Ion:248 Resp: 140086
Ion Ratio Lower Upper
248 100
250 98.4 78.3 117.5
141 62.1 49.1 73.7



#69
Hexachlorobenzene
Concen: 39.570 ng/ul
RT: 16.613 min Scan# 2302
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:284 Resp: 156570
Ion Ratio Lower Upper
284 100
142 28.3 21.9 32.9
249 32.5 25.0 37.6





#70

Atrazine

Concen: 40.461 ng/ul

RT: 16.766 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

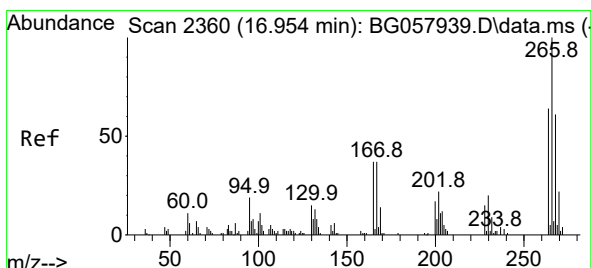
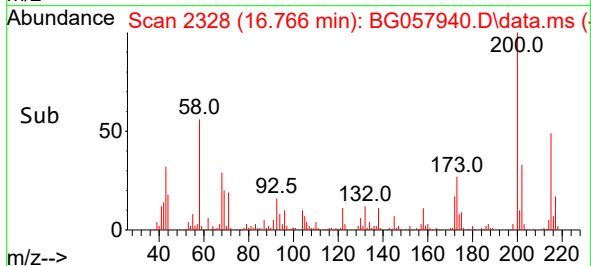
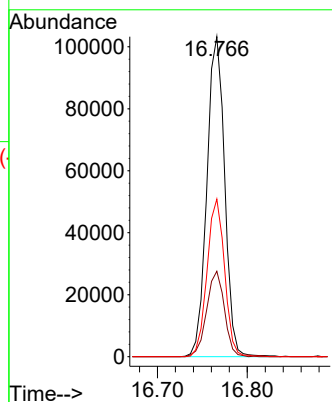
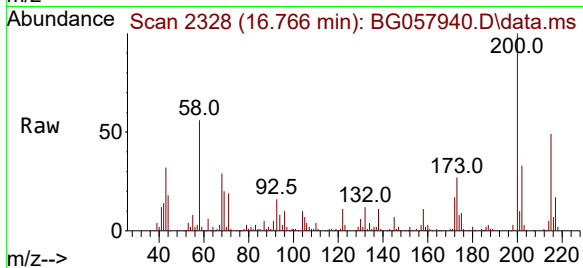
Tgt Ion:200 Resp: 141768

Ion Ratio Lower Upper

200 100

173 26.7 20.0 30.0

215 49.2 35.8 53.8



#71

Pentachlorophenol

Concen: 40.856 ng/ul

RT: 16.954 min Scan# 2360

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

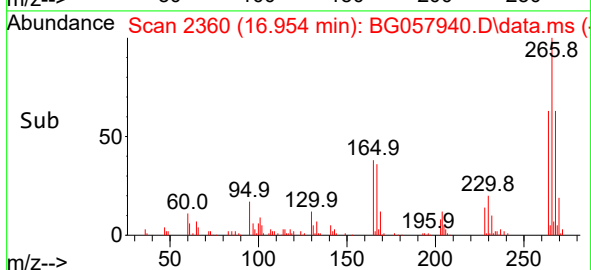
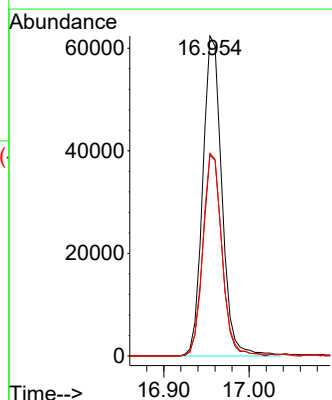
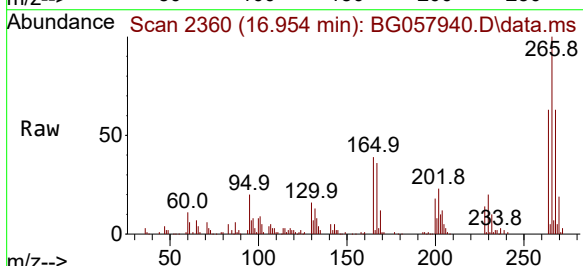
Tgt Ion:266 Resp: 97050

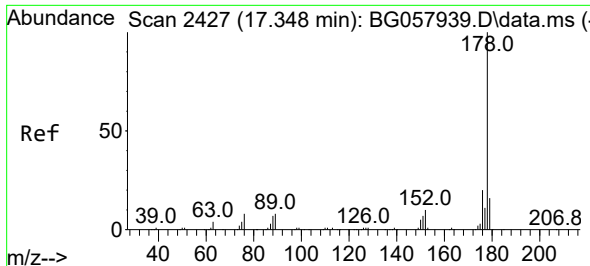
Ion Ratio Lower Upper

266 100

264 62.8 51.5 77.3

268 63.3 49.0 73.4

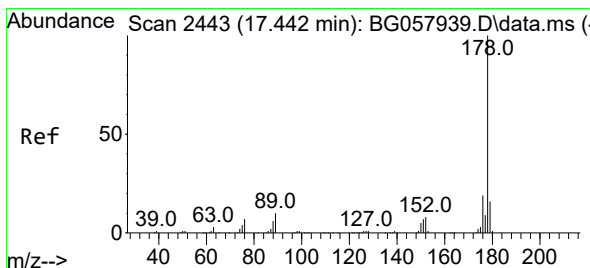
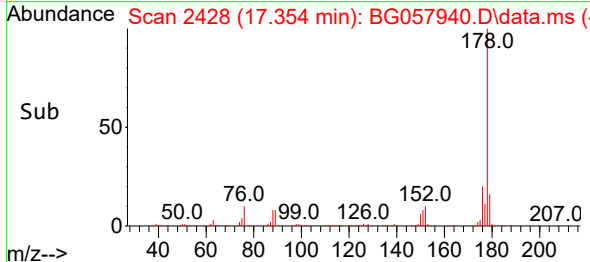
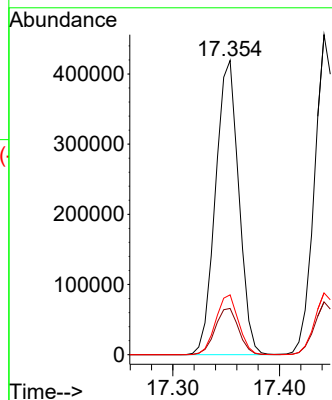
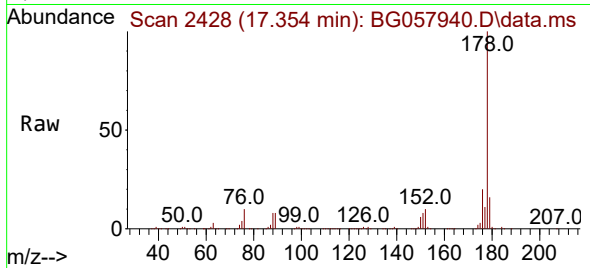




#72
Phenanthrene
Concen: 38.766 ng/ul
RT: 17.354 min Scan# 2427
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

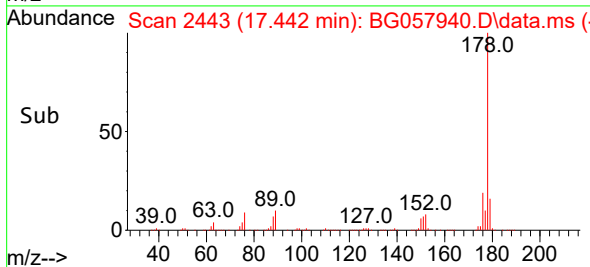
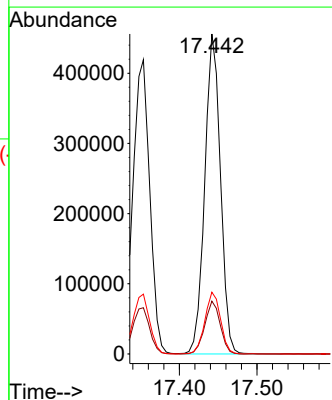
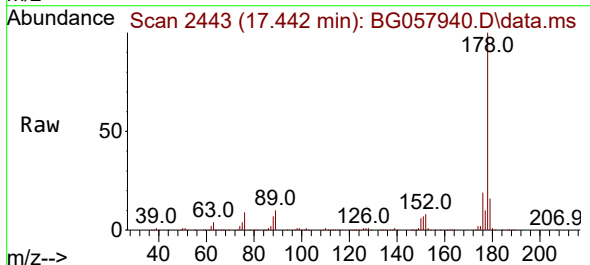
Instrument :
BNA_G
ClientSampleId :
SSTD040438

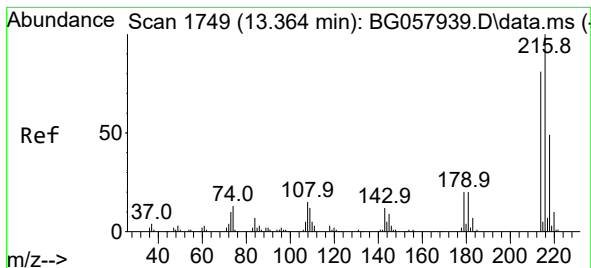
Tgt Ion:178 Resp: 634869
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.3 15.7 23.5



#74
Anthracene
Concen: 38.749 ng/ul
RT: 17.442 min Scan# 2443
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:178 Resp: 642176
Ion Ratio Lower Upper
178 100
179 16.5 12.6 18.8
176 19.3 15.4 23.2

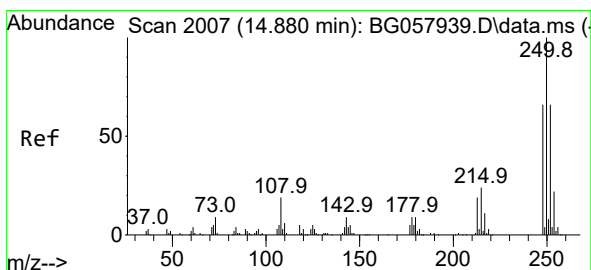
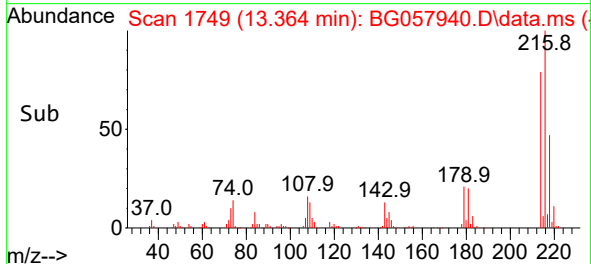
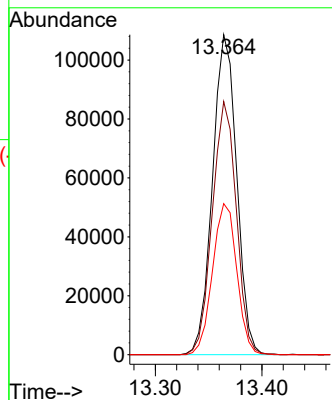
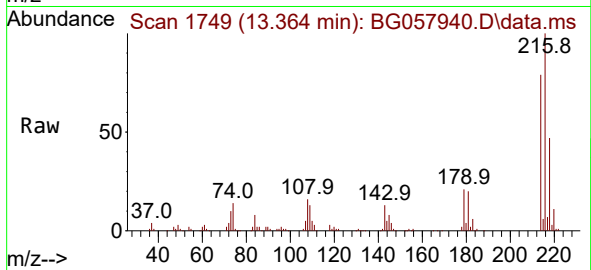




#75
1,2,3,4-Tetrachlorobenzene
Concen: 40.028 ng/uL
RT: 13.364 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

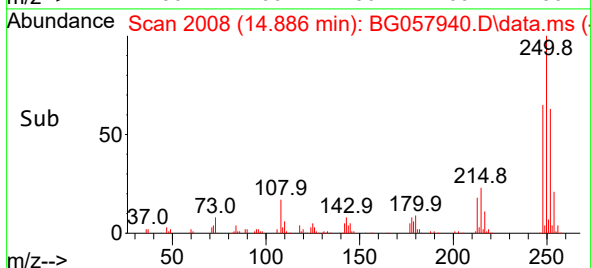
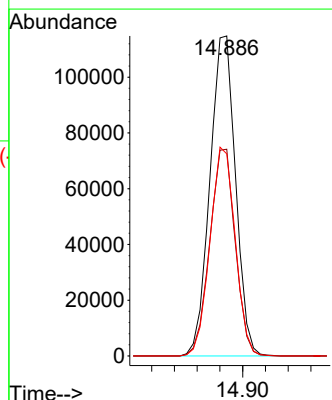
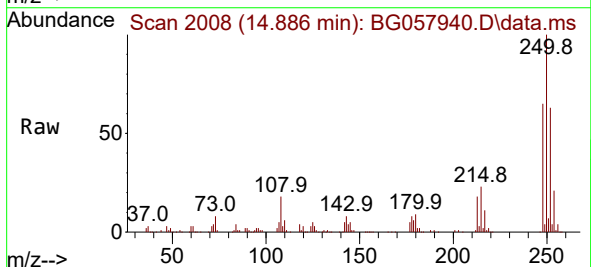
Instrument :
BNA_G
ClientSampleId :
SSTD040438

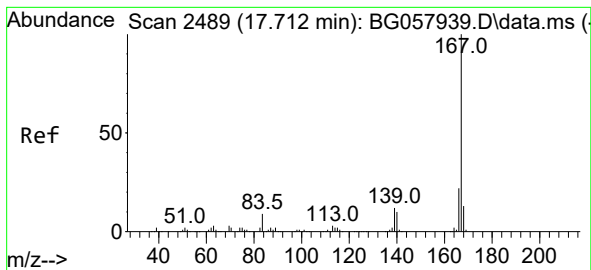
Tgt Ion:216 Resp: 170915
Ion Ratio Lower Upper
216 100
214 79.1 64.8 97.2
218 47.2 39.1 58.7



#76
Pentachlorobenzene
Concen: 39.405 ng/uL
RT: 14.886 min Scan# 2008
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:250 Resp: 179698
Ion Ratio Lower Upper
250 100
248 64.6 52.8 79.2
252 63.1 52.4 78.6





#77

Carbazole

Concen: 40.603 ng/ul

RT: 17.712 min Scan# 2489

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

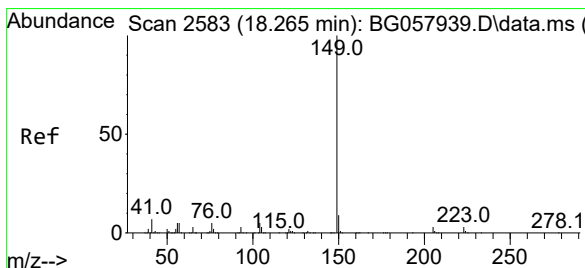
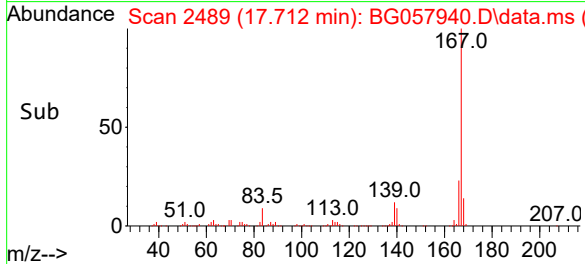
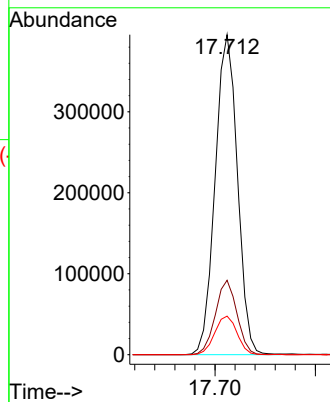
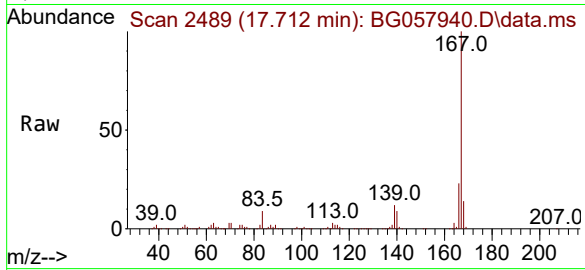
Tgt Ion:167 Resp: 608575

Ion Ratio Lower Upper

167 100

166 23.2 17.5 26.3

139 12.1 9.5 14.3



#78

Di-n-butylphthalate

Concen: 39.435 ng/ul

RT: 18.270 min Scan# 2584

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

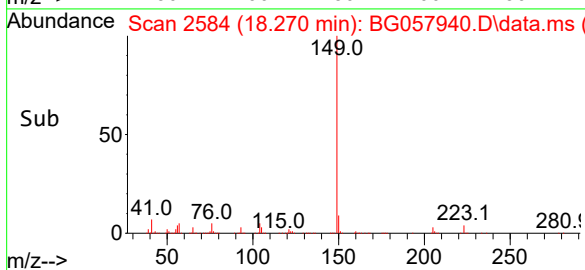
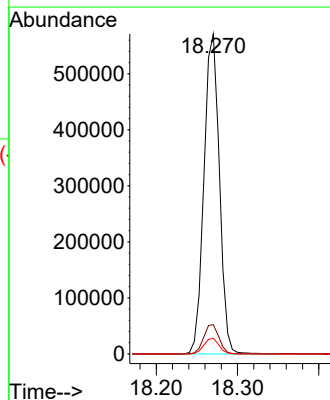
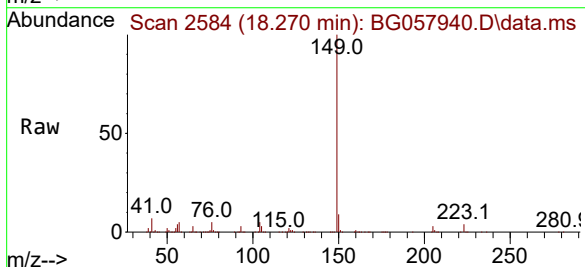
Tgt Ion:149 Resp: 752920

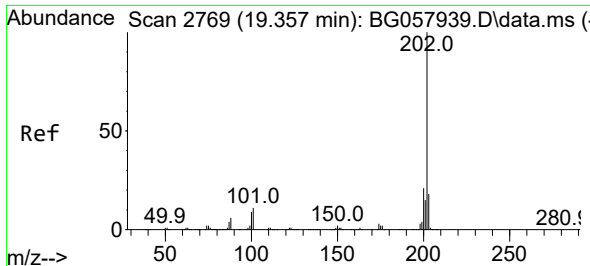
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 3.9 5.9

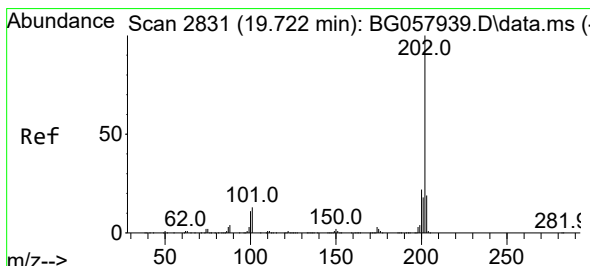
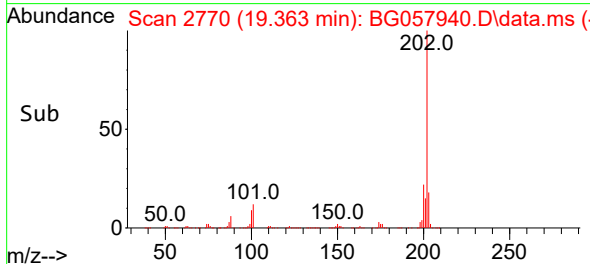
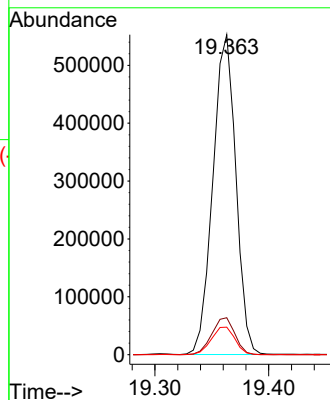
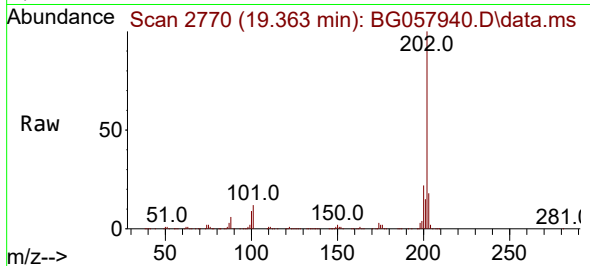




#80
Fluoranthene
Concen: 38.410 ng/ul
RT: 19.363 min Scan# 2770
Delta R.T. 0.006 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

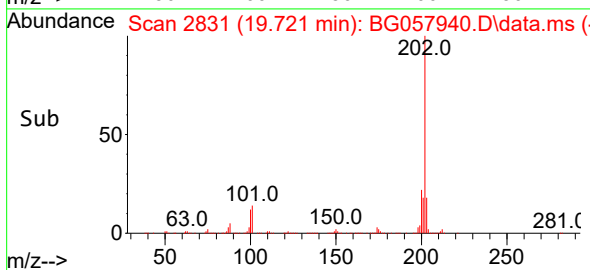
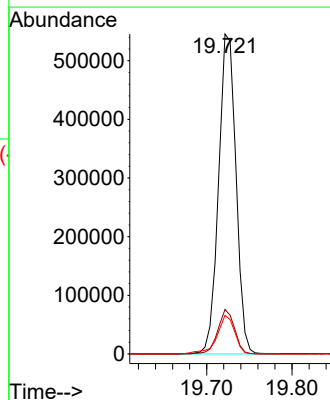
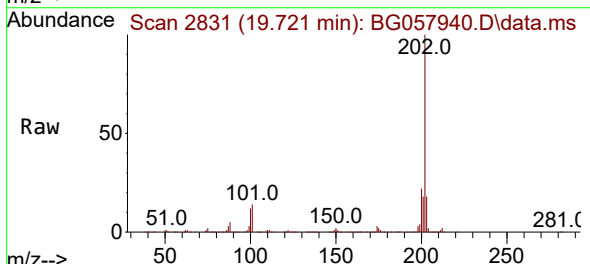
Instrument :
BNA_G
ClientSampleId :
SSTD040438

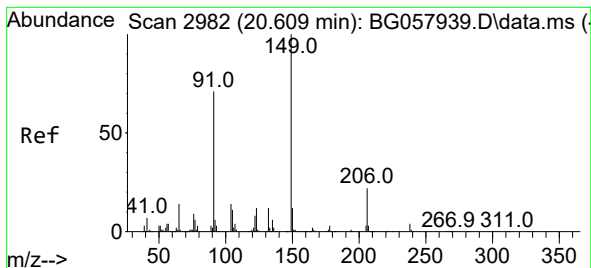
Tgt Ion:202 Resp: 775463
Ion Ratio Lower Upper
202 100
101 11.5 9.1 13.7
100 8.6 7.1 10.7



#82
Pyrene
Concen: 38.143 ng/ul
RT: 19.721 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BG057940.D
Acq: 1 Jul 2023 13:15

Tgt Ion:202 Resp: 775157
Ion Ratio Lower Upper
202 100
101 13.9 10.2 15.2
100 12.0 8.9 13.3





#83

Butylbenzylphthalate

Concen: 39.592 ng/ul

RT: 20.609 min Scan# 2982

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

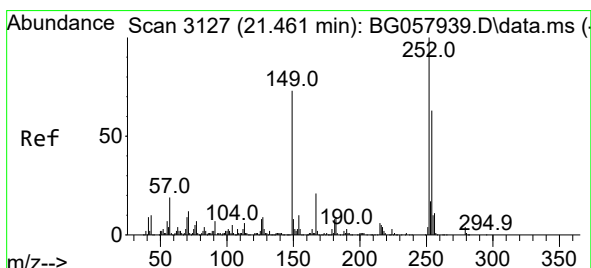
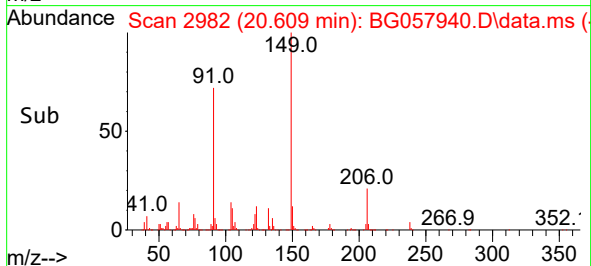
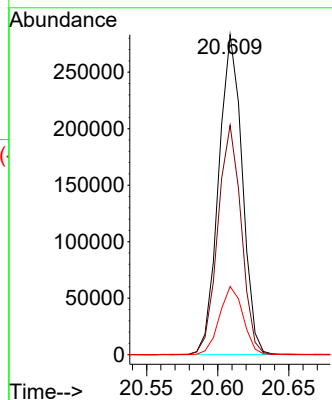
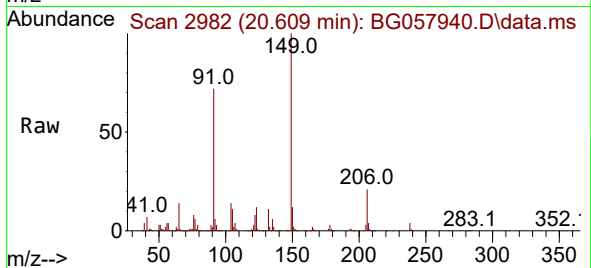
Tgt Ion:149 Resp: 326265

Ion Ratio Lower Upper

149 100

91 71.7 56.5 84.7

206 21.3 17.4 26.0



#84

3,3'-Dichlorobenzidine

Concen: 41.919 ng/ul

RT: 21.461 min Scan# 3127

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

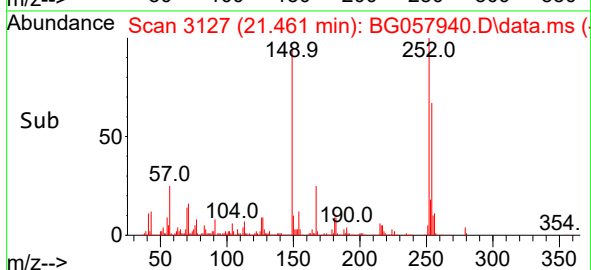
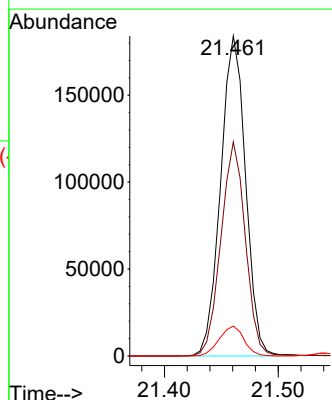
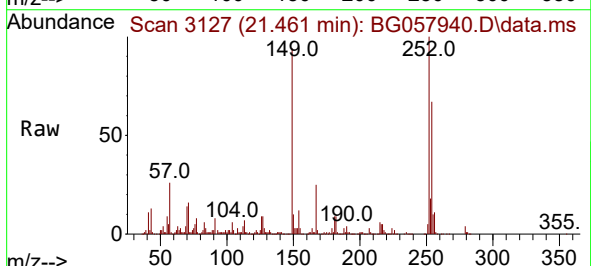
Tgt Ion:252 Resp: 280745

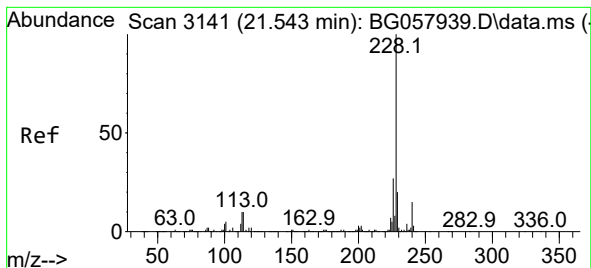
Ion Ratio Lower Upper

252 100

254 66.9 50.7 76.1

126 9.4 6.6 10.0





#85

Benzo(a)anthracene

Concen: 38.509 ng/ul

RT: 21.543 min Scan# 3141

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

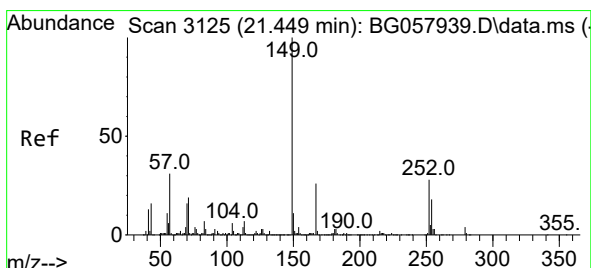
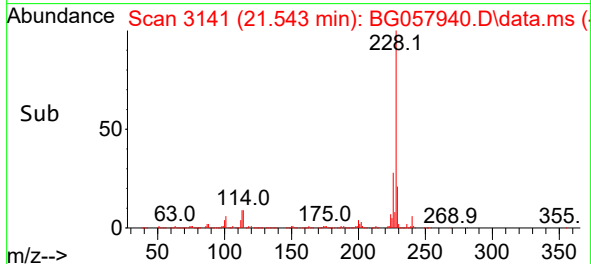
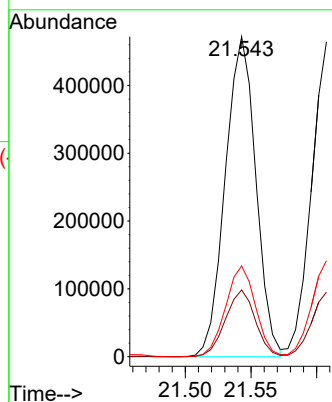
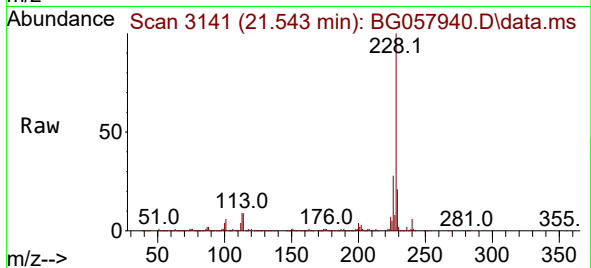
Tgt Ion:228 Resp: 764918

Ion Ratio Lower Upper

228 100

229 20.8 16.0 24.0

226 28.3 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.674 ng/ul

RT: 21.449 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

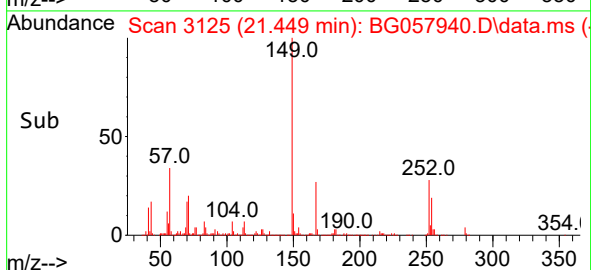
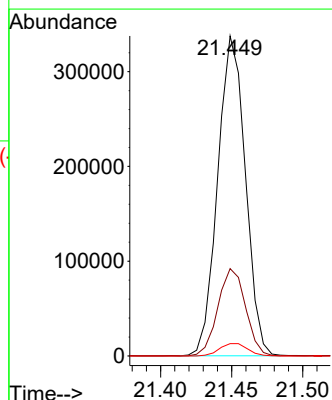
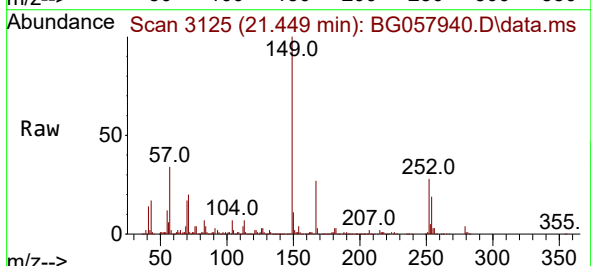
Tgt Ion:149 Resp: 456717

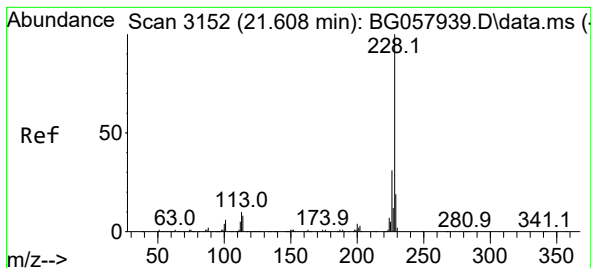
Ion Ratio Lower Upper

149 100

167 27.3 20.9 31.3

279 3.9 3.1 4.7





#87

Chrysene

Concen: 39.202 ng/ul

RT: 21.607 min Scan# 3152

Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

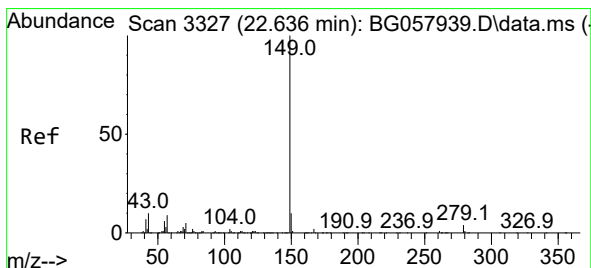
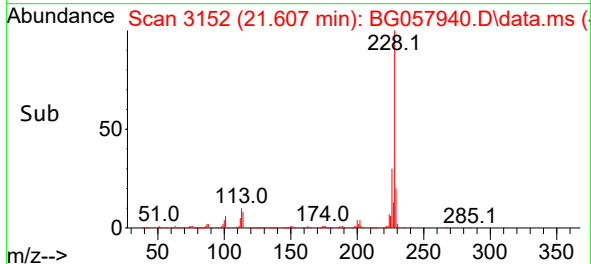
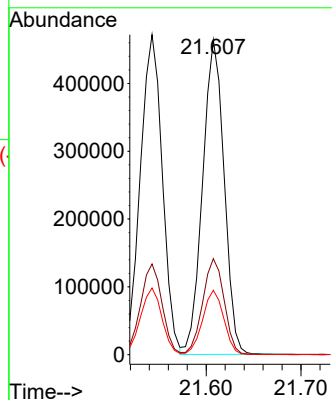
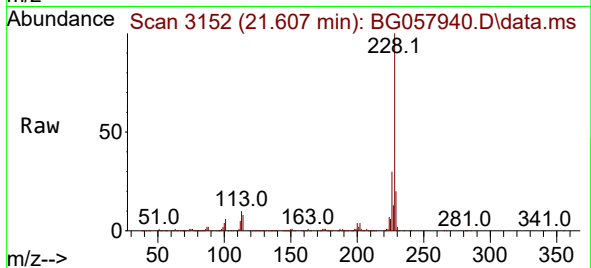
Tgt Ion:228 Resp: 729955

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 20.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 40.640 ng/ul

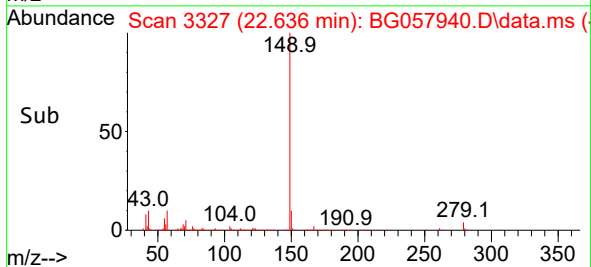
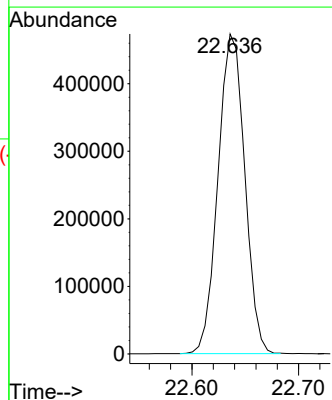
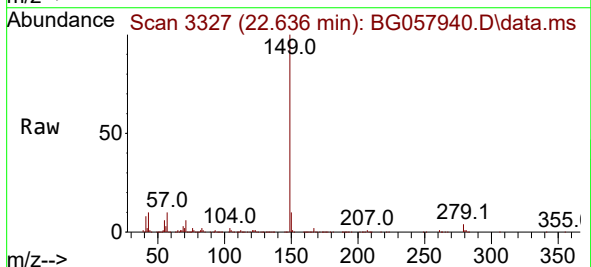
RT: 22.636 min Scan# 3327

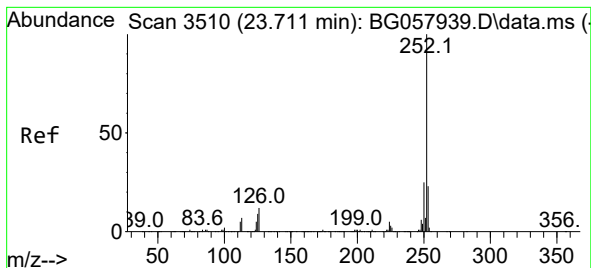
Delta R.T. -0.000 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Tgt Ion:149 Resp: 823525





#90

Benzo(b)fluoranthene

Concen: 38.685 ng/ul

RT: 23.717 min Scan# 3510

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

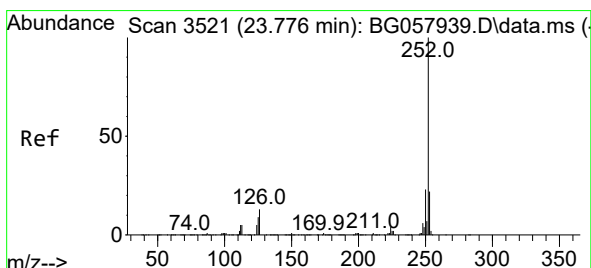
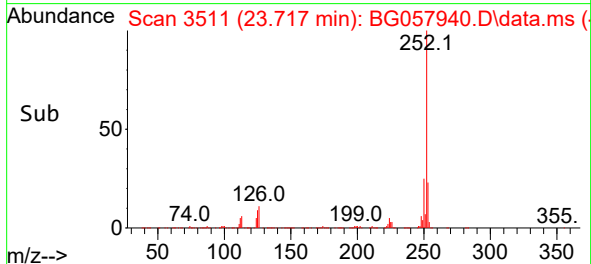
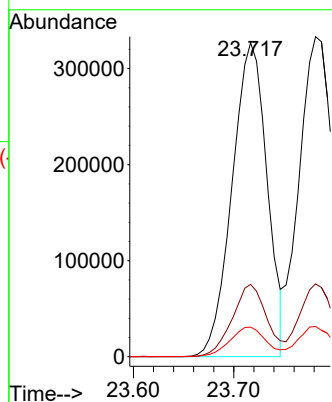
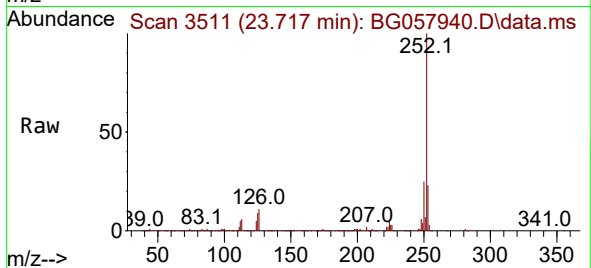
Tgt Ion:252 Resp: 789976

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

125 9.4 7.5 11.3



#91

Benzo(k)fluoranthene

Concen: 39.543 ng/ul

RT: 23.781 min Scan# 3522

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

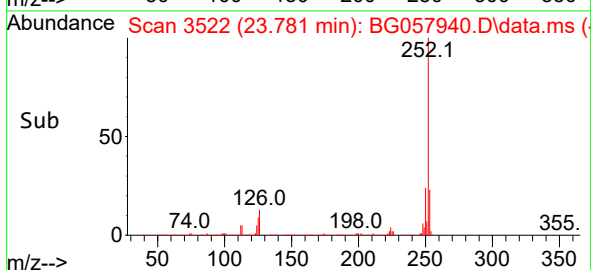
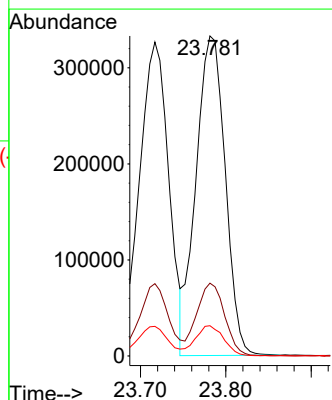
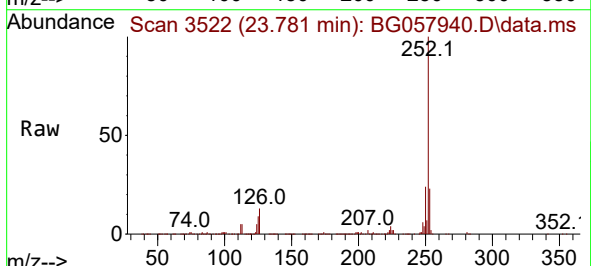
Tgt Ion:252 Resp: 791493

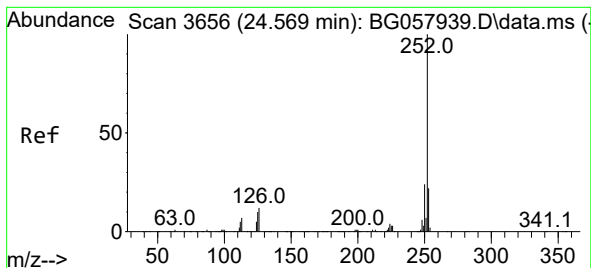
Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 9.5 7.4 11.2





#93

Benzo(a)pyrene

Concen: 39.327 ng/ul

RT: 24.575 min Scan# 3

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

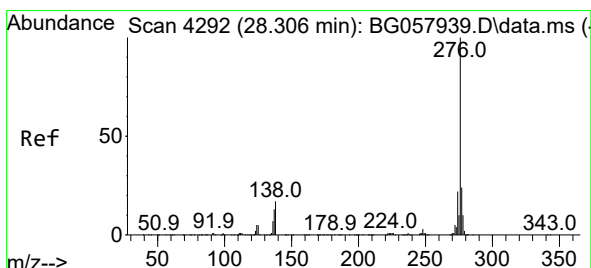
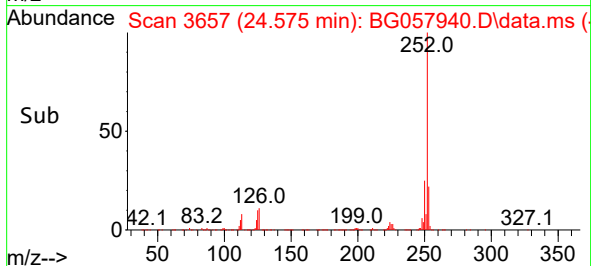
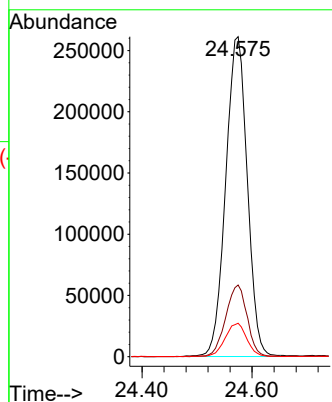
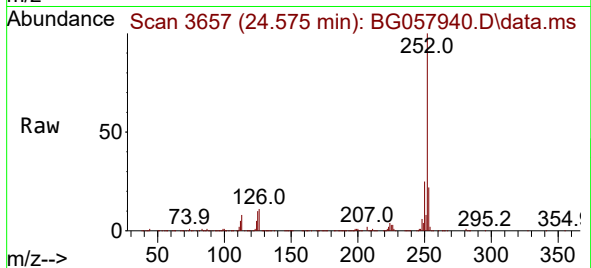
Tgt Ion:252 Resp: 710825

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.4 8.3 12.5



#94

Indeno(1,2,3-cd)pyrene

Concen: 39.669 ng/ul

RT: 28.317 min Scan# 4294

Delta R.T. 0.012 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

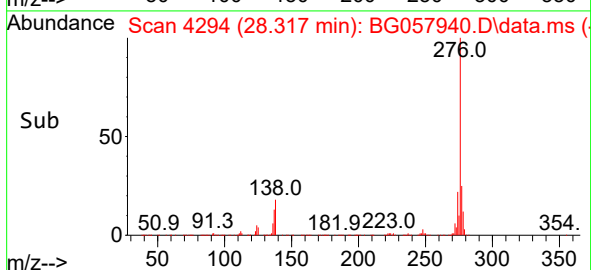
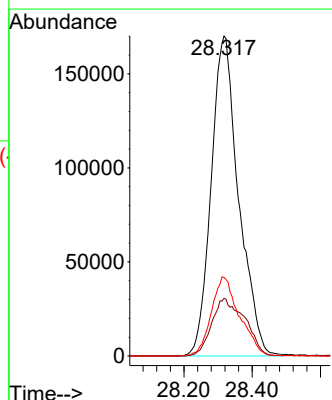
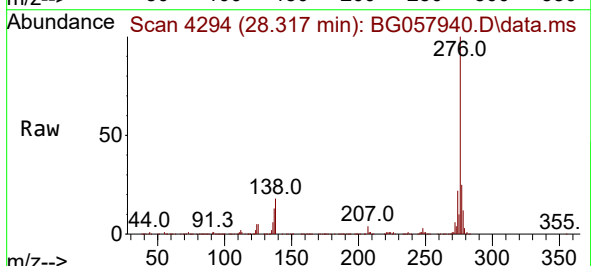
Tgt Ion:276 Resp: 952121

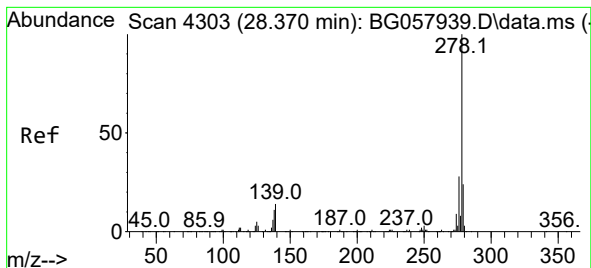
Ion Ratio Lower Upper

276 100

138 18.0 14.0 21.0

277 24.6 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 39.328 ng/ul

RT: 28.376 min Scan# 41

Delta R.T. 0.006 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Instrument :

BNA_G

ClientSampleId :

SSTD040438

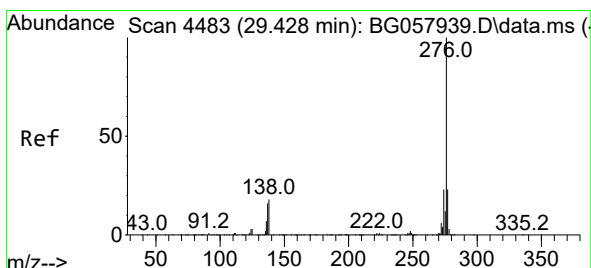
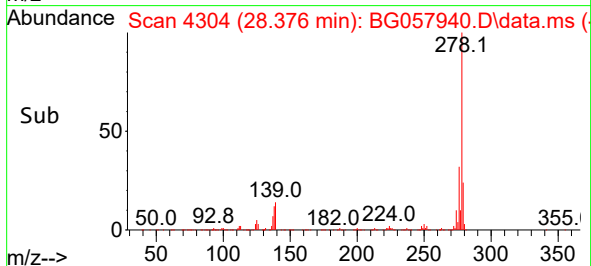
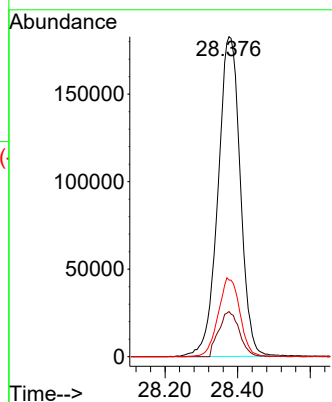
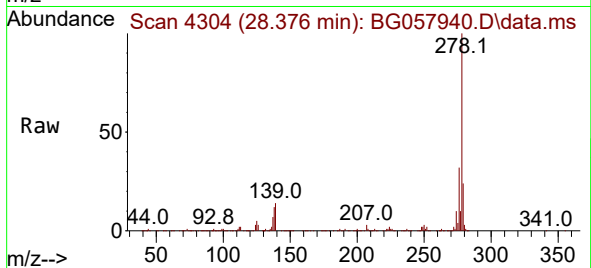
Tgt Ion:278 Resp: 778376

Ion Ratio Lower Upper

278 100

139 14.1 11.3 16.9

279 24.0 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 39.201 ng/ul

RT: 29.445 min Scan# 4486

Delta R.T. 0.017 min

Lab File: BG057940.D

Acq: 1 Jul 2023 13:15

Tgt Ion:276 Resp: 768505

Ion Ratio Lower Upper

276 100

138 19.0 14.2 21.2

277 24.6 18.6 27.8

