

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057308.D
 Acq On : 4 May 2023 19:31
 Operator : CG/JU
 Sample : PB152587BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SLCS587

Quant Time: May 05 01:44:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG042823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon May 01 12:45:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.373	152	12500	20.000	ng/u1	0.00
20) Naphthalene-d8	11.210	136	56488	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.987	164	48828	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	128955	20.000	ng/u1	0.00
79) Chrysene-d12	22.043	240	108874	20.000	ng/u1	0.00
88) Perylene-d12	25.561	264	114063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.656	96	1279	4.503	ng/uL	0.00
4) Pyridine-d5	4.090	84	19628	21.918	ng/u1	0.00
7) Phenol-d5	7.515	99	34051	28.805	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.674	67	18077	25.999	ng/u1	0.00
11) 2-Chlorophenol-d4	7.897	132	23414	30.056	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	26735	29.756	ng/u1	0.00
21) Nitrobenzene-d5	9.554	128	12261	27.256	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	15736	29.974	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	30913	30.520	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	34546	25.734	ng/u1	0.00
46) Dimethylphthalate-d6	14.371	166	113321	29.290	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	126375	29.062	ng/u1	0.00
54) 4-Nitrophenol-d4	15.175	143	15459	27.450	ng/u1	0.00
60) Fluorene-d10	15.974	176	104664	29.039	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	21308	27.889	ng/u1	0.00
73) Anthracene-d10	17.831	188	172646	29.331	ng/u1	0.00
81) Pyrene-d10	20.092	212	200751	31.065	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.315	264	173125	29.792	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.685	88	3066	10.178	ng/uL#	79
5) Pyridine	4.114	79	21769	23.060	ng/u1#	83
6) Benzaldehyde	7.497	77	20888	57.853	ng/u1	90
8) Phenol	7.545	94	34658	29.088	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.774	93	23777	26.664	ng/u1	94
12) 2-Chlorophenol	7.938	128	25001	30.554	ng/u1	93
13) 2-Methylphenol	8.813	108	27131	29.382	ng/u1	89
14) 2,2'-oxybis(1-Chloropr...	8.890	45	28268	24.587	ng/u1#	91
16) Acetophenone	9.201	105	45141	29.198	ng/u1	99
17) N-Nitroso-di-n-propyla...	9.172	70	24364	27.423	ng/u1	96
18) 4-Methylphenol	9.142	108	30258	30.274	ng/u1	100
19) Hexachloroethane	9.471	117	9957	29.084	ng/u1	93
22) Nitrobenzene	9.595	77	36450	27.211	ng/u1	99
23) Isophorone	10.112	82	70814	27.785	ng/u1	99
25) 2-Nitrophenol	10.317	139	16174	30.417	ng/u1	93
26) 2,4-Dimethylphenol	10.358	107	35454	29.391	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.587	93	35859	27.067	ng/u1	97
29) 2,4-Dichlorophenol	10.858	162	29805	31.002	ng/u1	98
30) Naphthalene	11.263	128	88468	28.524	ng/u1	99
32) 4-Chloroaniline	11.363	127	32879	23.506	ng/u1	97
33) Hexachlorobutadiene	11.533	225	23234	28.493	ng/u1	99
34) Caprolactam	12.115	113	6662	20.584	ng/u1	97
35) 4-Chloro-3-methylphenol	12.461	107	35001	31.641	ng/u1	100
36) 2-Methylnaphthalene	12.843	142	68203	29.986	ng/u1	99

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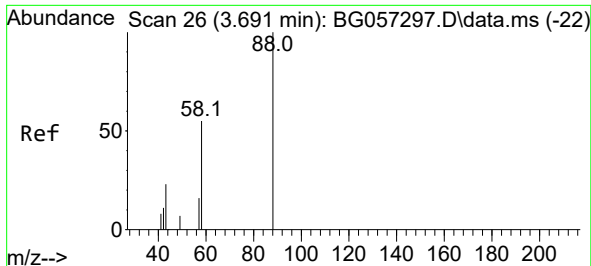
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 Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.055	142	70151	30.673	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	13.202	216	50832	28.647	ng/ul	97
40) Hexachlorocyclopentadiene	13.172	237	9997	11.290	ng/ul	93
41) 2,4,6-Trichlorophenol	13.437	196	31900	30.868	ng/ul	93
42) 2,4,5-Trichlorophenol	13.437	196	28438	25.631	ng/ul	90
43) 1,1'-Biphenyl	13.824	154	102477	27.505	ng/ul	98
44) 2-Chloronaphthalene	13.877	162	81095	28.072	ng/ul	97
45) 2-Nitroaniline	14.071	65	26091	29.917	ng/ul	93
47) Dimethylphthalate	14.418	163	113093	29.108	ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	24463	30.595	ng/ul	96
50) Acenaphthylene	14.717	152	128285	29.031	ng/ul	100
51) 3-Nitroaniline	14.887	138	21765	38.417	ng/ul	96
52) Acenaphthene	15.052	153	88187	28.010	ng/ul	99
53) 2,4-Dinitrophenol	15.105	184	11737	27.564	ng/ul	88
55) 4-Nitrophenol	15.193	109	18219	28.538	ng/ul	96
56) Dibenzofuran	15.381	168	132775	29.203	ng/ul	98
57) 2,4-Dinitrotoluene	15.340	165	35663	31.157	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.610	232	31090	30.837	ng/ul	98
59) Diethylphthalate	15.769	149	116576	29.533	ng/ul	99
61) Fluorene	16.027	166	113244	29.456	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.009	204	65693	29.276	ng/ul	97
63) 4-Nitroaniline	16.045	138	22907	42.696	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.109	198	22003	28.261	ng/ul#	98
67) N-Nitrosodiphenylamine	16.221	169	95263	28.280	ng/ul	99
68) 4-Bromophenyl-phenylether	16.902	248	44920	29.144	ng/ul	95
69) Hexachlorobenzene	17.038	284	48708	30.010	ng/ul	99
70) Atrazine	17.155	200	38482	25.704	ng/ul	99
71) Pentachlorophenol	17.384	266	18654	24.865	ng/ul	97
72) Phenanthrene	17.772	178	195815	29.159	ng/ul	99
74) Anthracene	17.866	178	197417	29.266	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.801	216	52796	27.220	ng/uL	98
76) Pentachlorobenzene	15.305	250	53952	27.327	ng/uL	99
77) Carbazole	18.124	167	171282	30.384	ng/ul	99
78) Di-n-butylphthalate	18.641	149	197278	30.604	ng/ul	100
80) Fluoranthene	19.763	202	243758	31.753	ng/ul	97
82) Pyrene	20.122	202	241054	31.018	ng/ul	98
83) Butylbenzylphthalate	20.973	149	81780	32.860	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.913	252	81781	33.823	ng/ul	96
85) Benzo(a)anthracene	22.019	228	231305	30.039	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.860	149	111937	30.925	ng/ul	98
87) Chrysene	22.095	228	218082	30.019	ng/ul	98
89) Di-n-octyl phthalate	23.165	149	189259	30.047	ng/ul	100
90) Benzo(b)fluoranthene	24.433	252	235350	29.796	ng/ul#	99
91) Benzo(k)fluoranthene	24.433	252	235350	30.626	ng/ul	98
93) Benzo(a)pyrene	25.397	252	203241	29.804	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.632	276	257575	30.217	ng/ul	98
95) Dibenzo(a,h)anthracene	29.685	278	216663	30.653	ng/ul	98
96) Benzo(g,h,i)perylene	30.901	276	207632	30.097	ng/ul	99

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

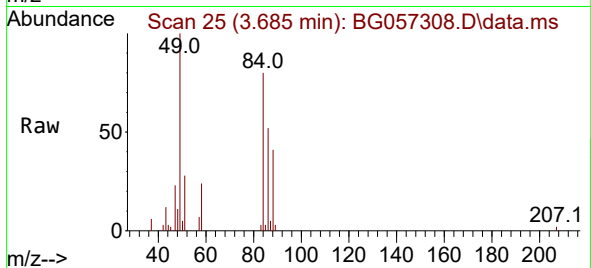
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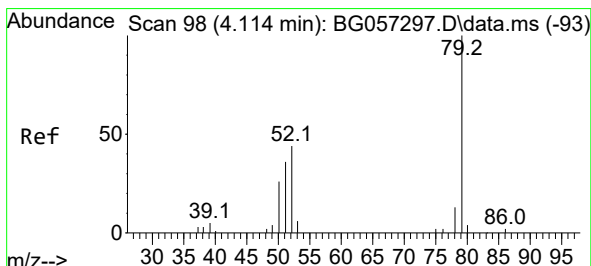
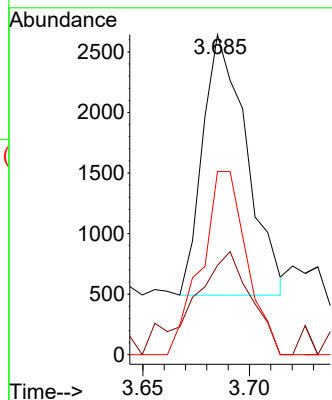
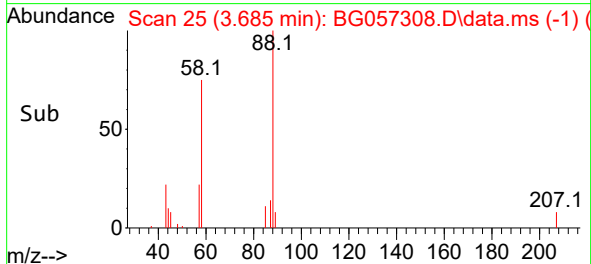


#2
1,4-Dioxane
Concen: 10.178 ng/uL
RT: 3.685 min Scan# 21
Delta R.T. -0.014 min
Lab File: BG057308.D
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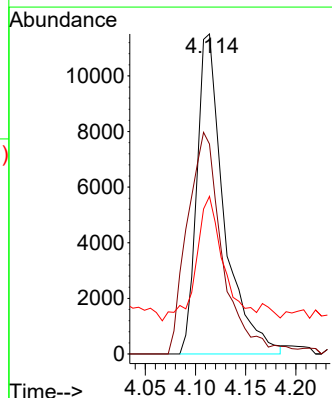
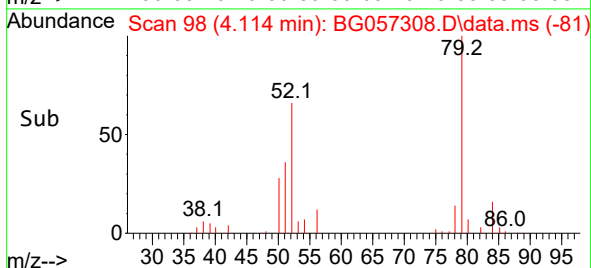
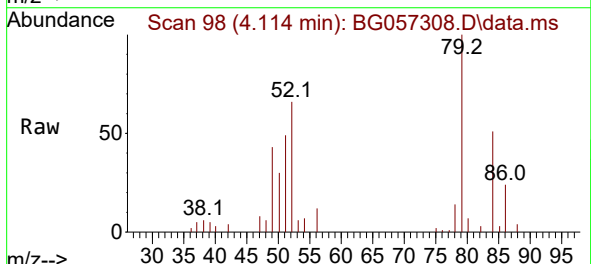


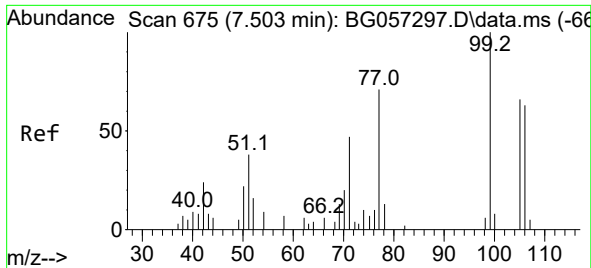
Tgt Ion: 88 Resp: 3066
Ion Ratio Lower Upper
88 100
43 27.9 28.2 42.4#
58 57.3 63.3 94.9#



#5
Pyridine
Concen: 23.060 ng/uL
RT: 4.114 min Scan# 98
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 79 Resp: 21769
Ion Ratio Lower Upper
79 100
52 65.6 62.4 93.6
51 49.3 29.0 43.4#

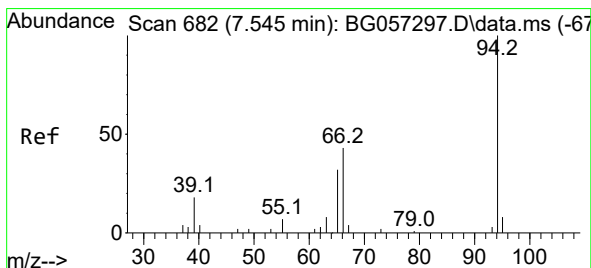
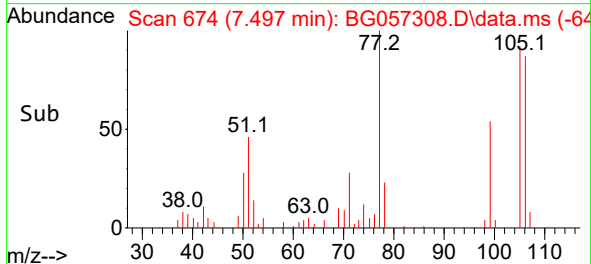
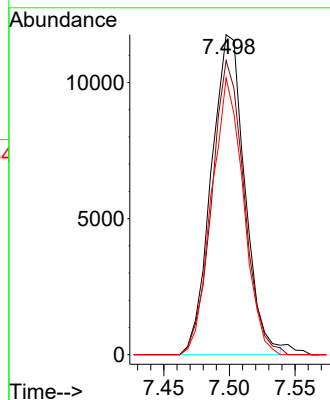
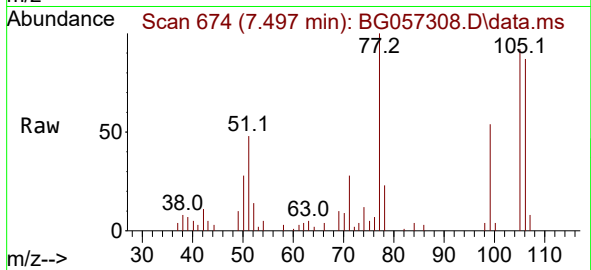




#6
Benzaldehyde
Concen: 57.853 ng/ul
RT: 7.497 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

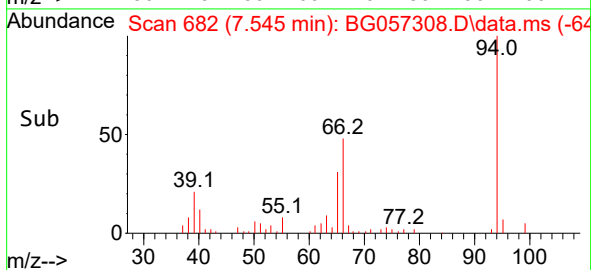
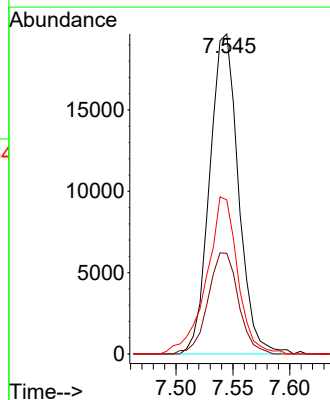
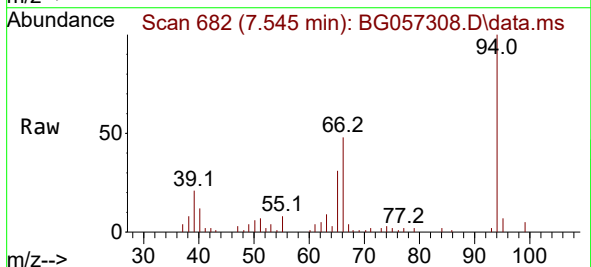
Instrument :
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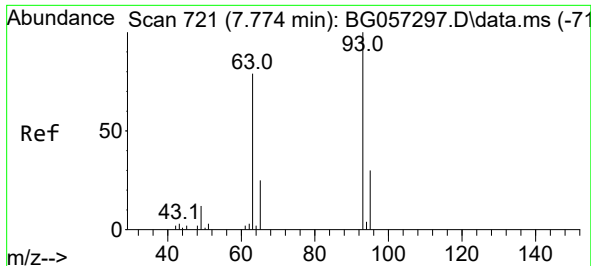
Tgt Ion: 77 Resp: 20888
Ion Ratio Lower Upper
77 100
105 91.9 79.8 119.6
106 86.5 78.7 118.1



#8
Phenol
Concen: 29.088 ng/ul
RT: 7.545 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 94 Resp: 34658
Ion Ratio Lower Upper
94 100
65 31.4 25.5 38.3
66 48.1 36.9 55.3



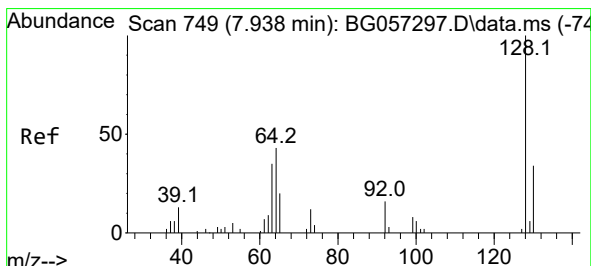
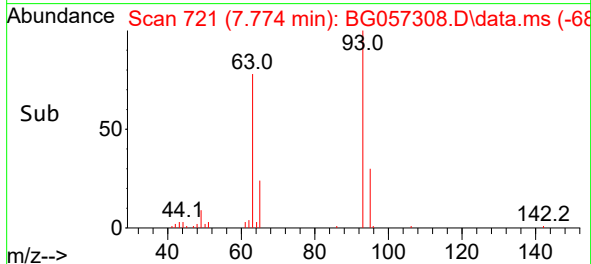
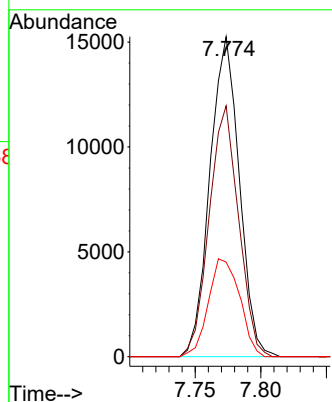
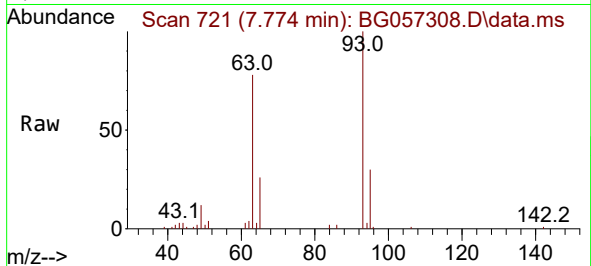


#10
Bis(2-Chloroethyl)ether
Concen: 26.664 ng/ul
RT: 7.774 min Scan# 721
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Instrument :
BNA_G
ClientSampleId :
SLCS587

Tgt Ion: 93 Resp: 23777

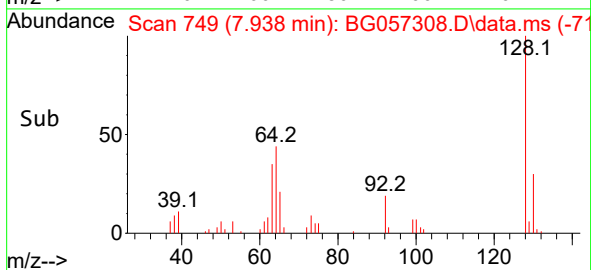
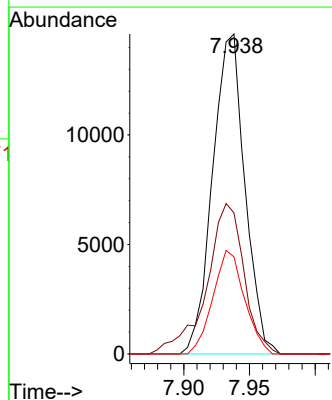
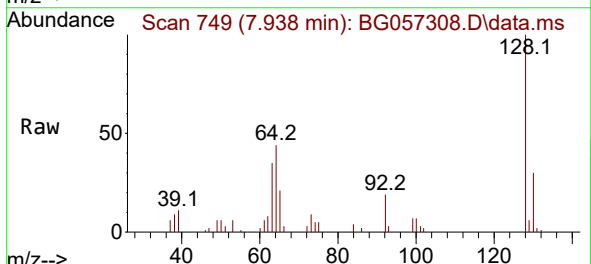
Ion	Ratio	Lower	Upper
93	100		
63	78.4	67.2	100.8
95	29.5	26.3	39.5

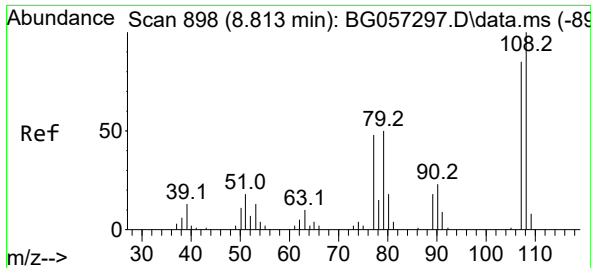


#12
2-Chlorophenol
Concen: 30.554 ng/ul
RT: 7.938 min Scan# 749
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:128 Resp: 25001

Ion	Ratio	Lower	Upper
128	100		
64	44.1	41.3	61.9
130	30.3	24.6	37.0

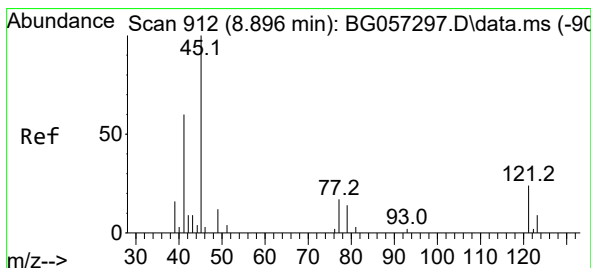
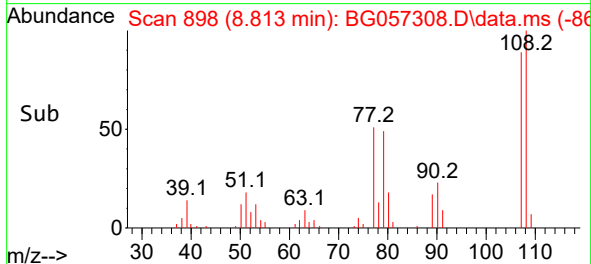
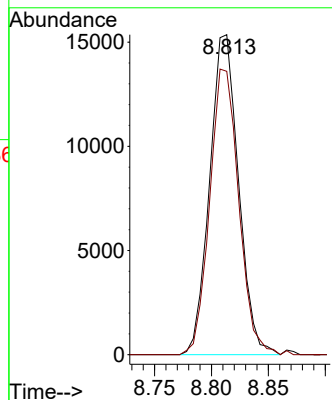
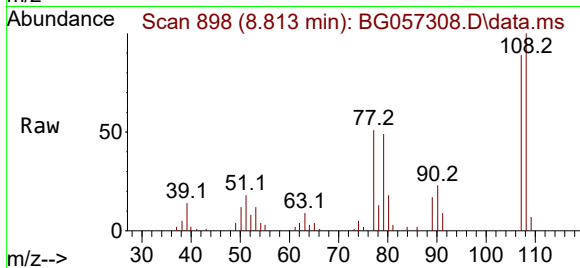




#13
2-Methylphenol
Concen: 29.382 ng/ul
RT: 8.813 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

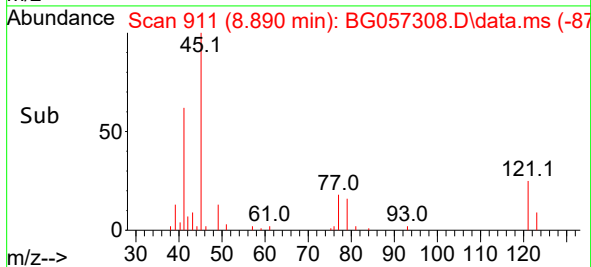
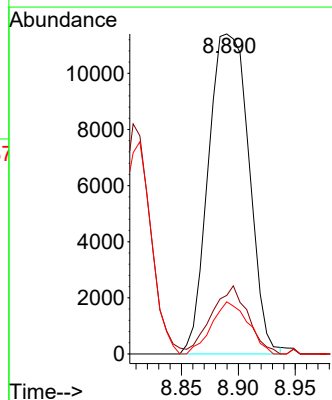
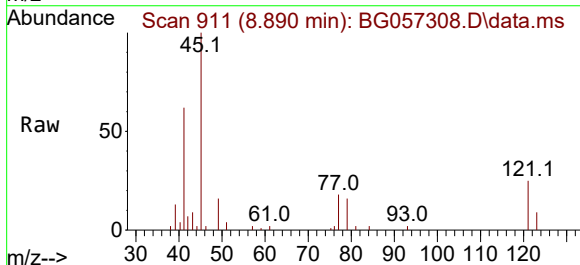
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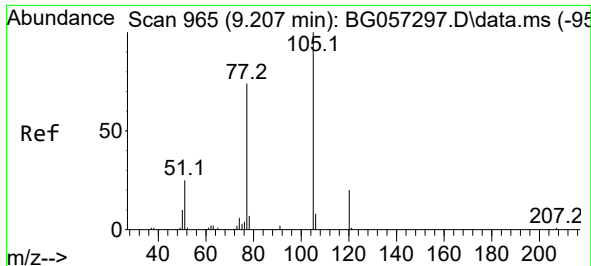
Tgt Ion:108 Resp: 27131
Ion Ratio Lower Upper
108 100
107 88.6 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.587 ng/ul
RT: 8.890 min Scan# 911
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 45 Resp: 28268
Ion Ratio Lower Upper
45 100
77 18.3 12.9 19.3
79 16.3 8.9 13.3#

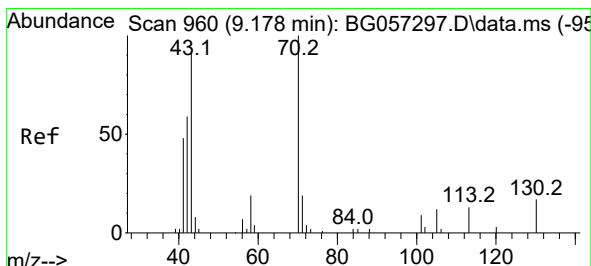
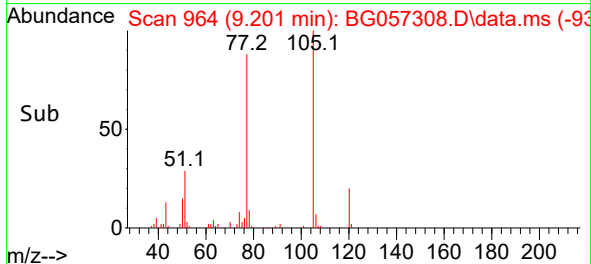
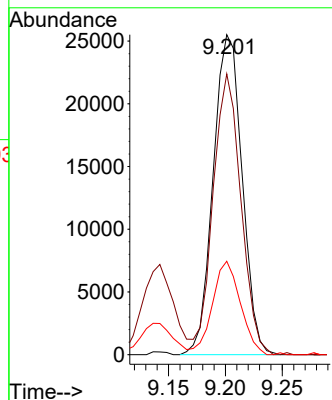
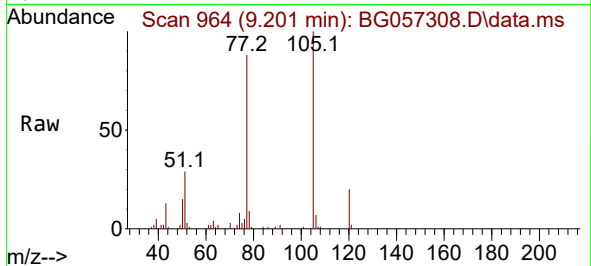




#16
Acetophenone
Concen: 29.198 ng/ul
RT: 9.201 min Scan# 901
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

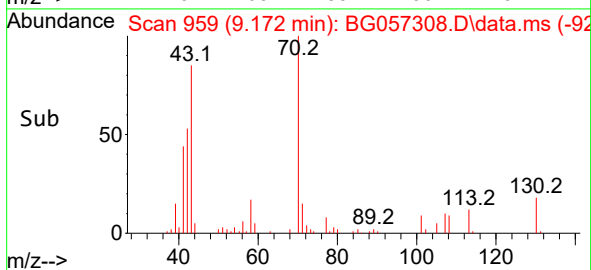
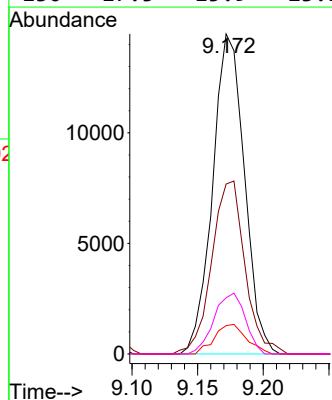
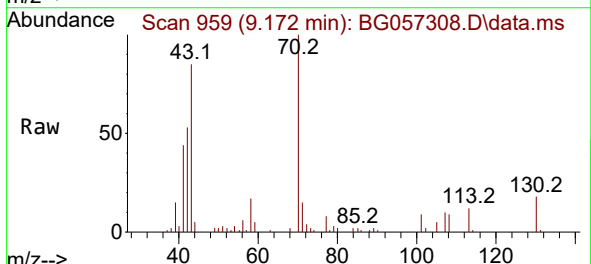
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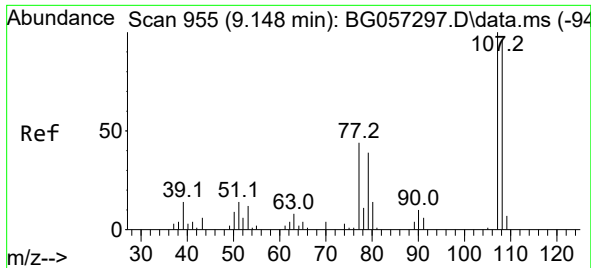
Tgt Ion:105 Resp: 45141
Ion Ratio Lower Upper
105 100
77 87.7 70.6 105.8
51 29.2 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 27.423 ng/ul
RT: 9.172 min Scan# 959
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 70 Resp: 24364
Ion Ratio Lower Upper
70 100
42 53.1 45.0 67.4
101 8.9 6.5 9.7
130 17.5 15.9 23.9

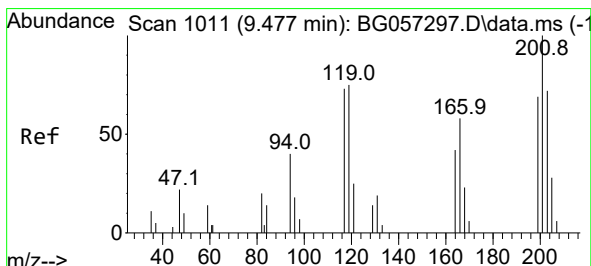
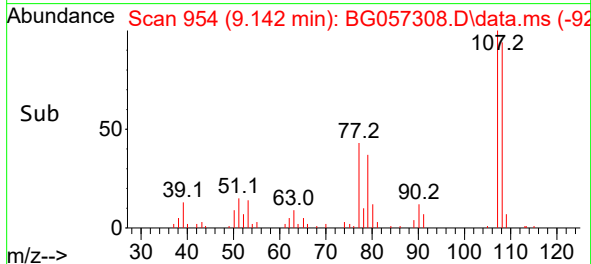
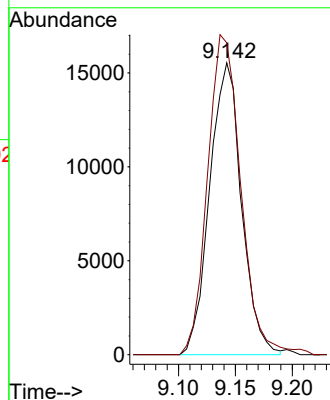
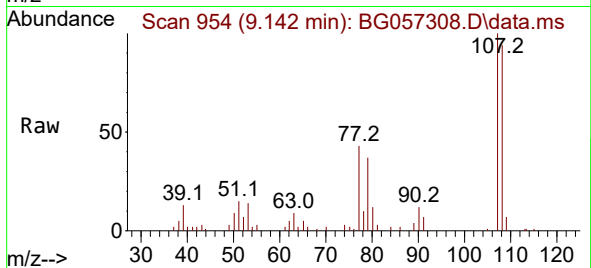




#18
4-Methylphenol
Concen: 30.274 ng/ul
RT: 9.142 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

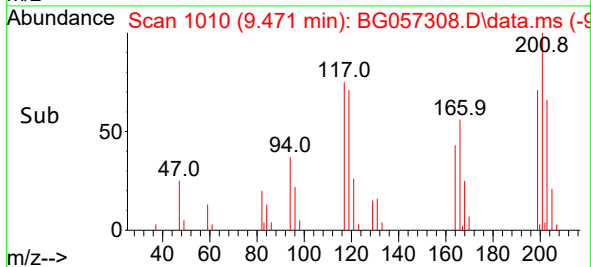
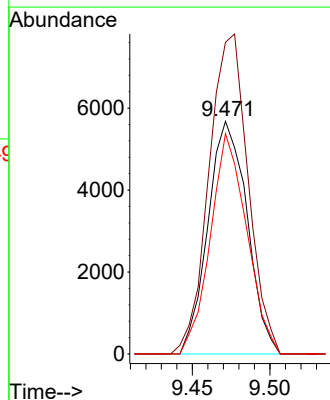
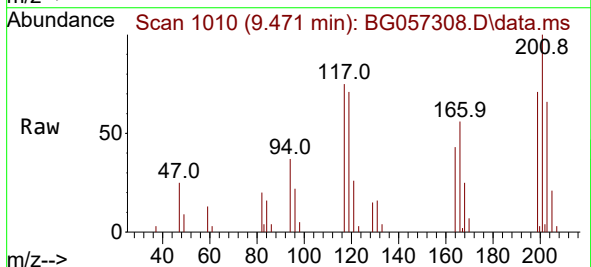
Instrument :
BNA_G
ClientSampleId :
SLCS587

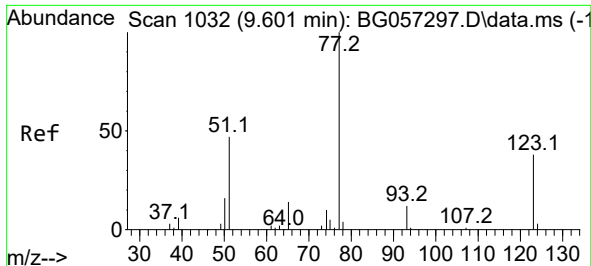
Tgt Ion:108 Resp: 30258
Ion Ratio Lower Upper
108 100
107 106.8 85.1 127.7



#19
Hexachloroethane
Concen: 29.084 ng/ul
RT: 9.471 min Scan# 1010
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:117 Resp: 9957
Ion Ratio Lower Upper
117 100
201 133.9 109.4 164.2
199 94.7 65.4 98.2

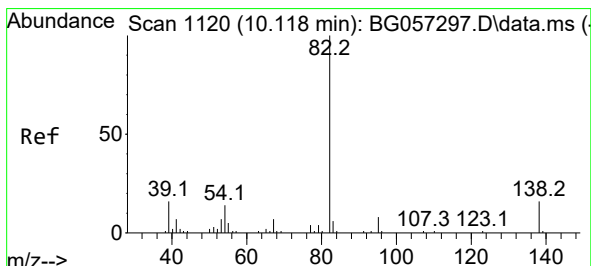
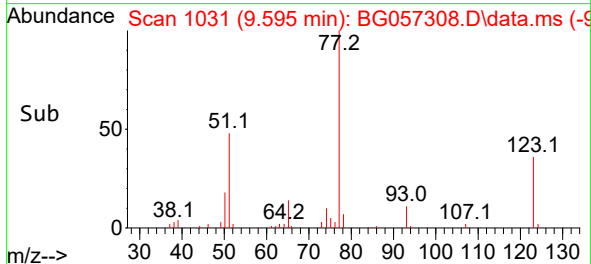
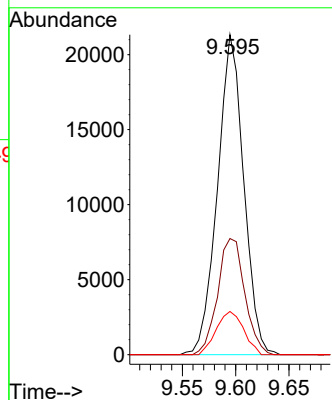
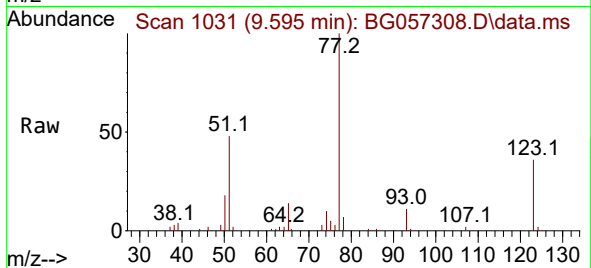




#22
Nitrobenzene
Concen: 27.211 ng/ul
RT: 9.595 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

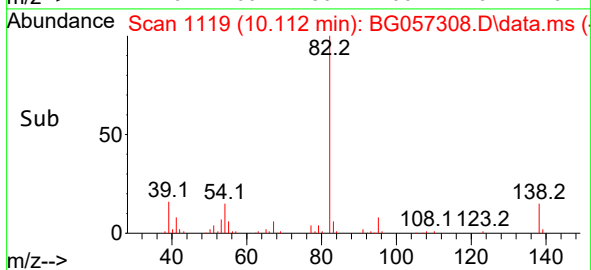
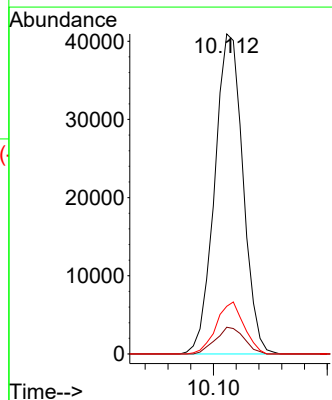
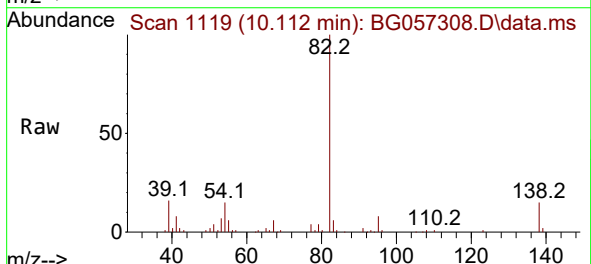
Instrument :
BNA_G
ClientSampleId :
SLCS587

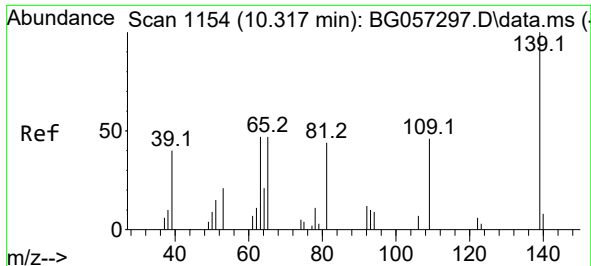
Tgt Ion: 77 Resp: 36450
Ion Ratio Lower Upper
77 100
123 36.3 29.6 44.4
65 13.5 11.4 17.0



#23
Isophorone
Concen: 27.785 ng/ul
RT: 10.112 min Scan# 1119
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 82 Resp: 70814
Ion Ratio Lower Upper
82 100
95 8.4 6.8 10.2
138 14.9 12.2 18.2

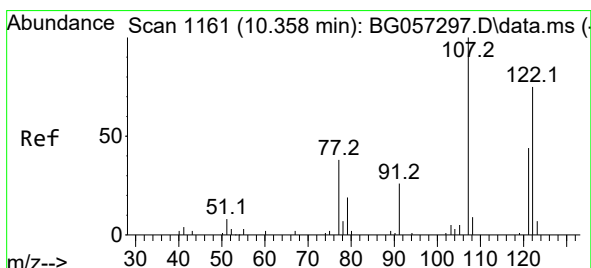
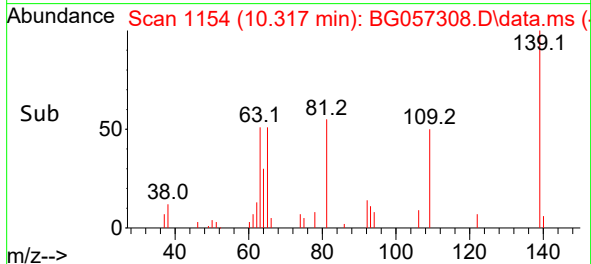
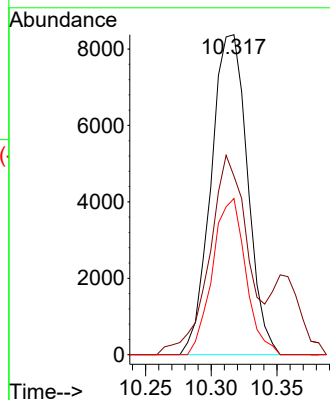
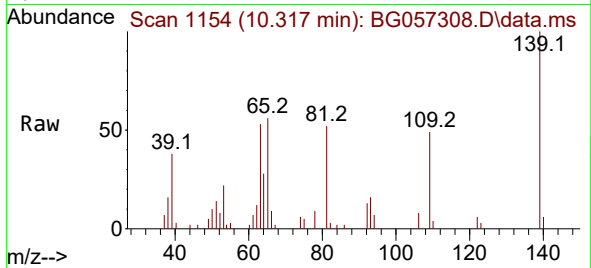




#25
2-Nitrophenol
Concen: 30.417 ng/ul
RT: 10.317 min Scan# 1154
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

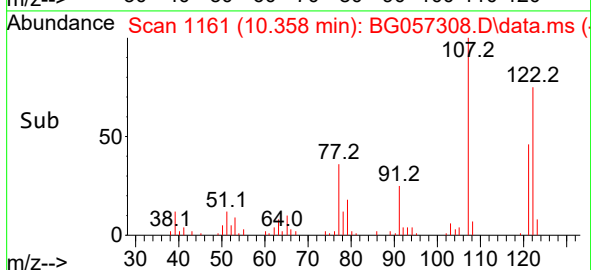
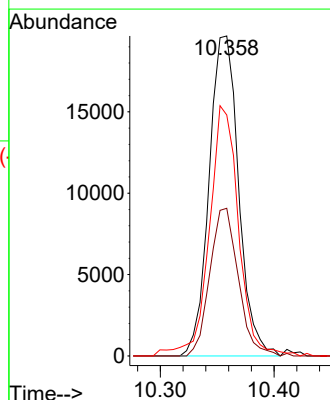
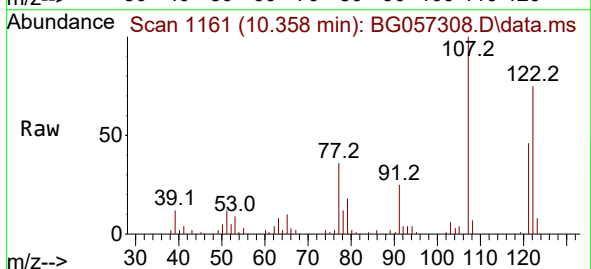
Instrument :
BNA_G
ClientSampleId :
SLCS587

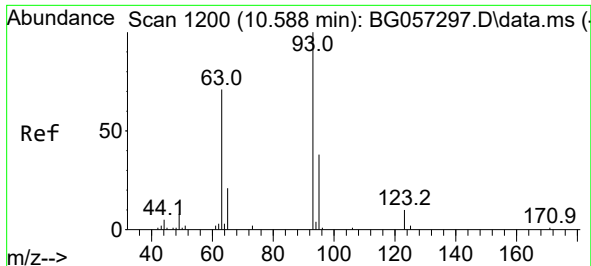
Tgt Ion:139 Resp: 16174
Ion Ratio Lower Upper
139 100
65 55.8 48.7 73.1
109 48.8 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 29.391 ng/ul
RT: 10.358 min Scan# 1161
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:107 Resp: 35454
Ion Ratio Lower Upper
107 100
121 46.1 35.4 53.0
122 75.3 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 27.067 ng/ul

RT: 10.587 min Scan# 1200

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

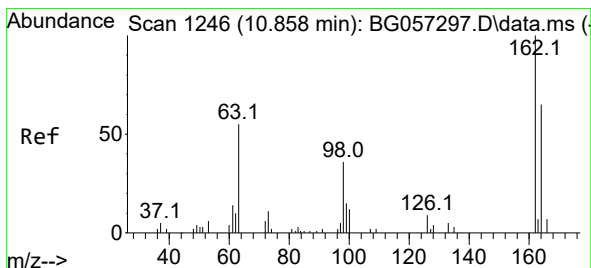
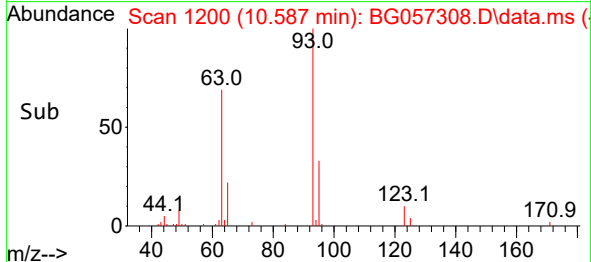
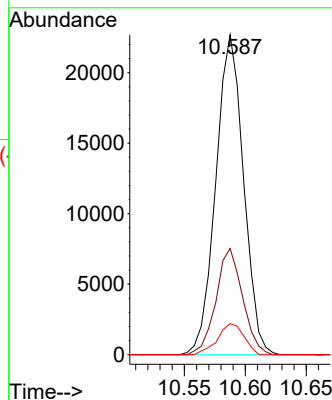
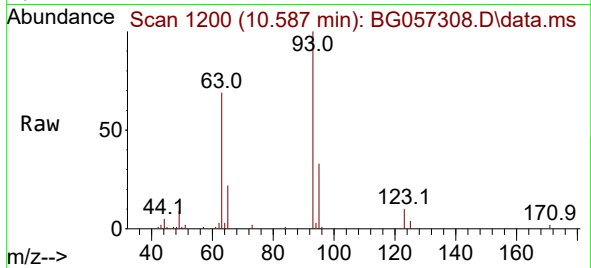
Tgt Ion: 93 Resp: 35859

Ion Ratio Lower Upper

93 100

95 33.2 24.8 37.2

123 9.7 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 31.002 ng/ul

RT: 10.858 min Scan# 1246

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

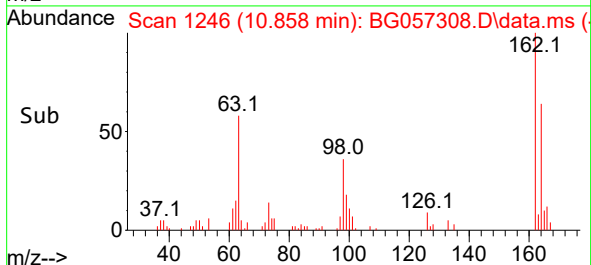
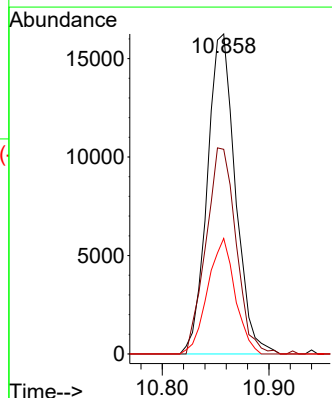
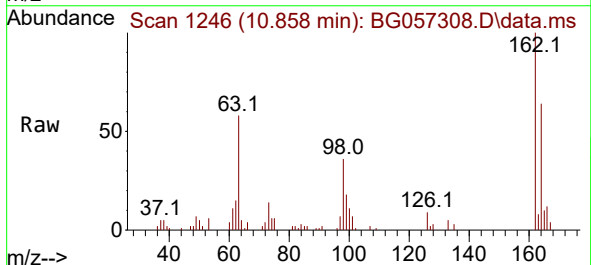
Tgt Ion:162 Resp: 29805

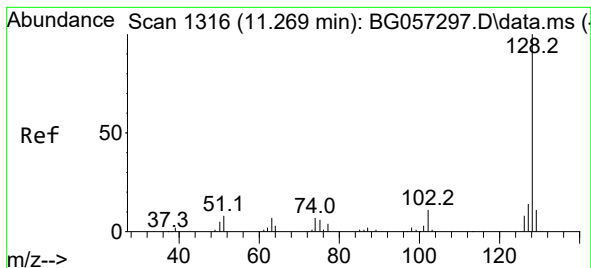
Ion Ratio Lower Upper

162 100

164 63.9 50.5 75.7

98 36.1 27.5 41.3





#30

Naphthalene

Concen: 28.524 ng/ul

RT: 11.263 min Scan# 11

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

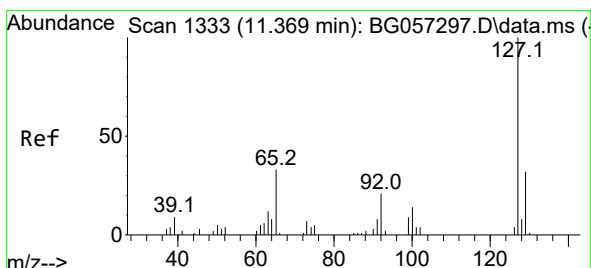
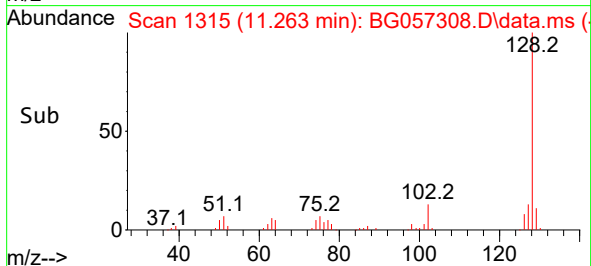
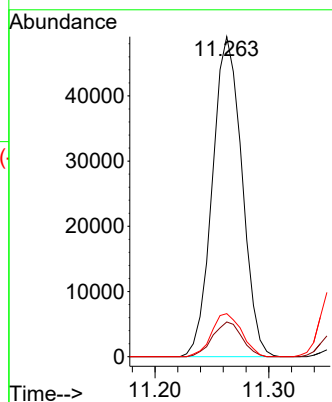
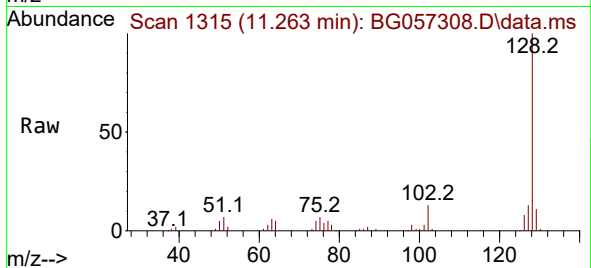
Tgt Ion:128 Resp: 88468

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

127 13.5 11.4 17.0



#32

4-Chloroaniline

Concen: 23.506 ng/ul

RT: 11.363 min Scan# 1332

Delta R.T. -0.008 min

Lab File: BG057308.D

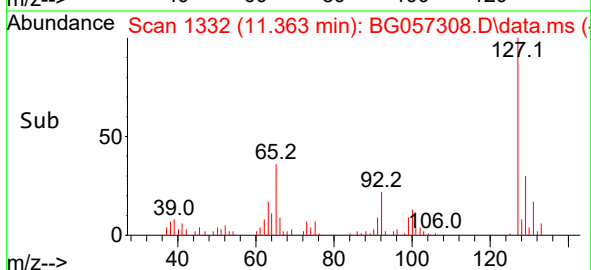
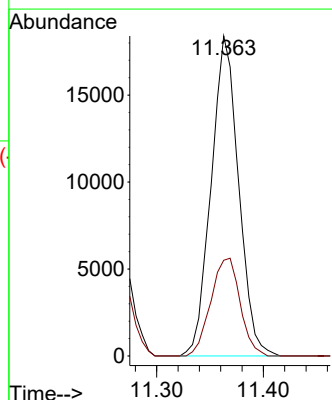
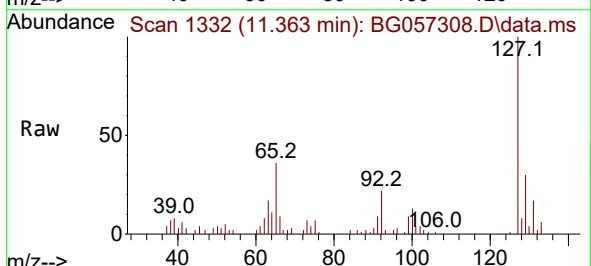
Acq: 4 May 2023 19:31

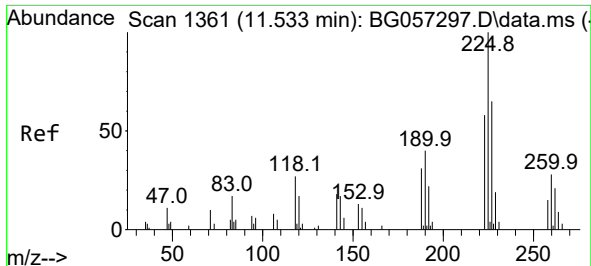
Tgt Ion:127 Resp: 32879

Ion Ratio Lower Upper

127 100

129 29.9 25.4 38.0

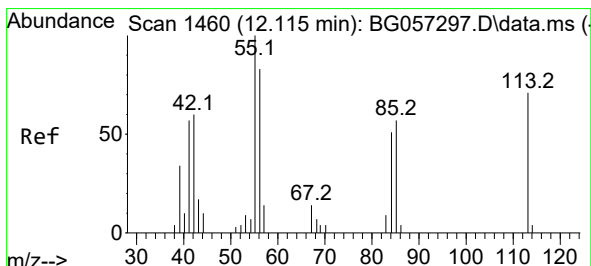
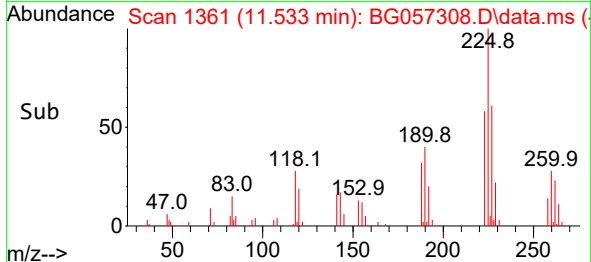
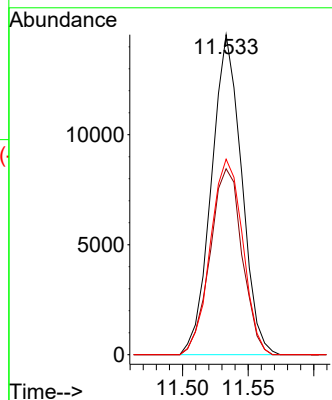
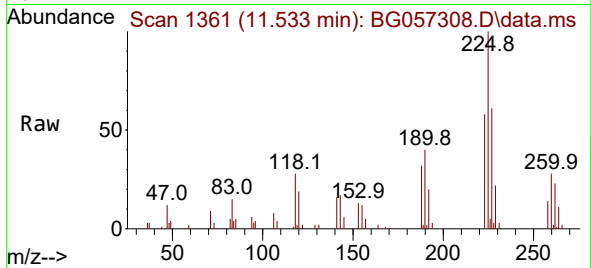




#33
Hexachlorobutadiene
Concen: 28.493 ng/ul
RT: 11.533 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

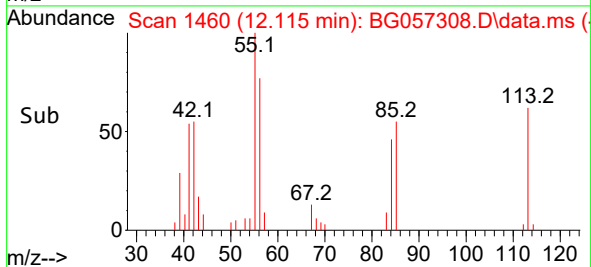
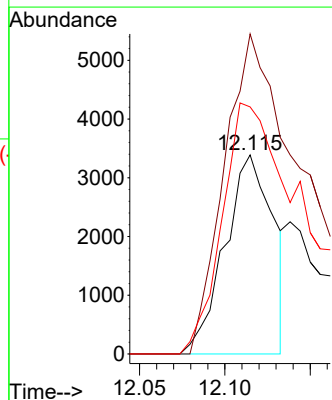
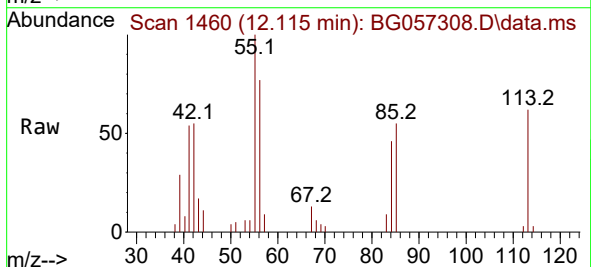
Instrument :
BNA_G
ClientSampleId :
SLCS587

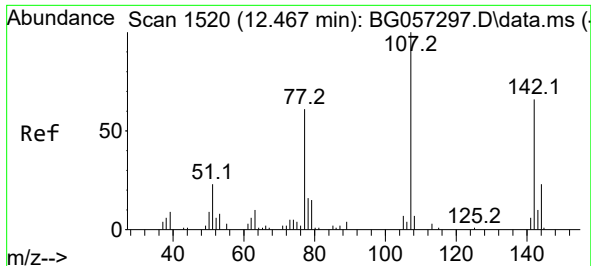
Tgt Ion:225 Resp: 23234
Ion Ratio Lower Upper
225 100
223 58.1 47.5 71.3
227 61.1 48.4 72.6



#34
Caprolactam
Concen: 20.584 ng/ul
RT: 12.115 min Scan# 1460
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:113 Resp: 6662
Ion Ratio Lower Upper
113 100
55 160.8 123.1 184.7
56 124.1 98.7 148.1





#35

4-Chloro-3-methylphenol

Concen: 31.641 ng/ul

RT: 12.461 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

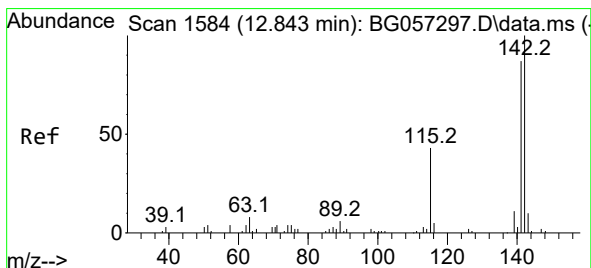
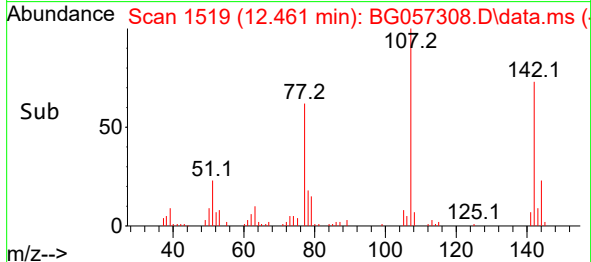
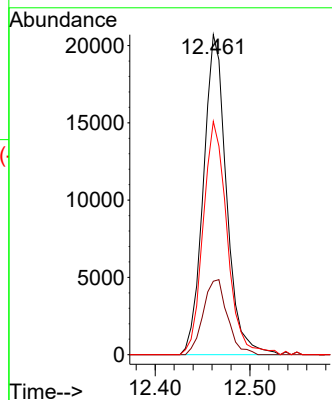
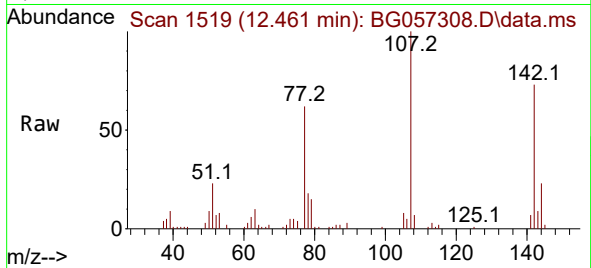
Tgt Ion:107 Resp: 35001

Ion Ratio Lower Upper

107 100

144 23.0 18.3 27.5

142 72.9 58.6 88.0



#36

2-Methylnaphthalene

Concen: 29.986 ng/ul

RT: 12.843 min Scan# 1584

Delta R.T. -0.003 min

Lab File: BG057308.D

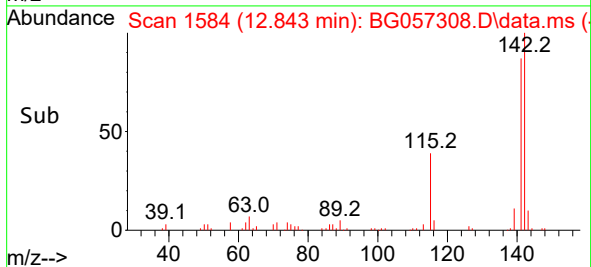
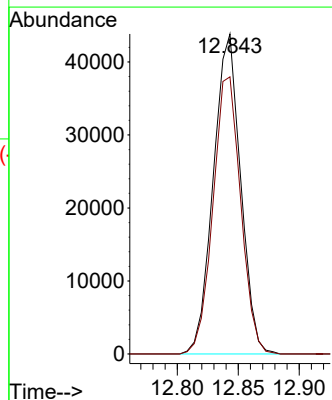
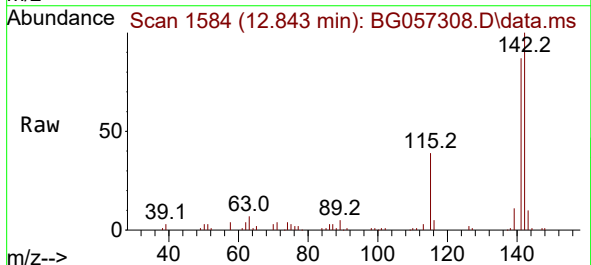
Acq: 4 May 2023 19:31

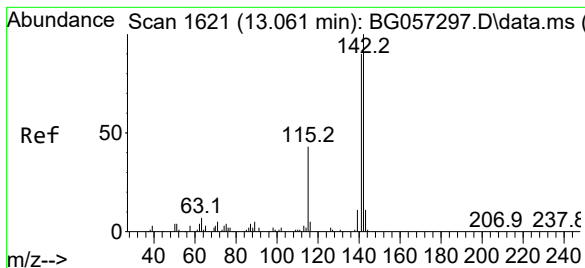
Tgt Ion:142 Resp: 68203

Ion Ratio Lower Upper

142 100

141 86.6 68.7 103.1





#37

1-Methylnaphthalene

Concen: 30.673 ng/ul

RT: 13.055 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

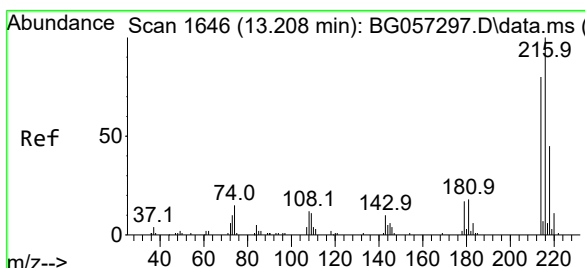
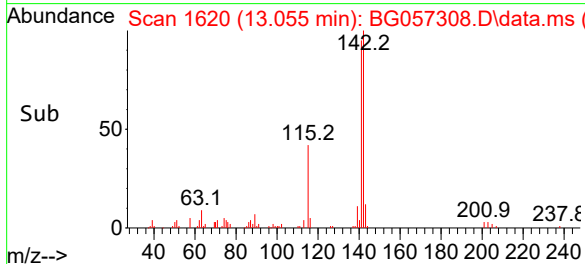
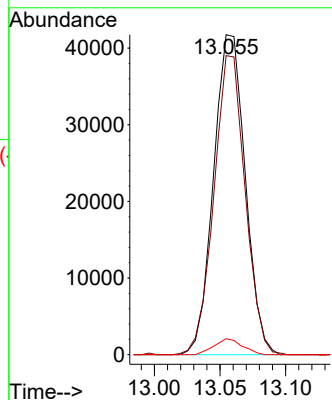
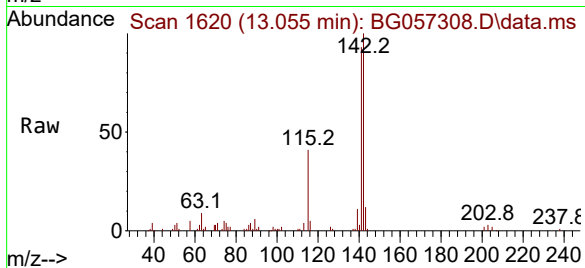
Tgt Ion:142 Resp: 70151

Ion Ratio Lower Upper

142 100

141 93.4 72.9 109.3

116 5.0 3.2 4.8#



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.647 ng/ul

RT: 13.202 min Scan# 1645

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Tgt Ion:216 Resp: 50832

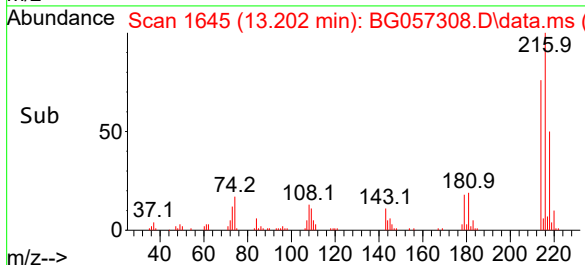
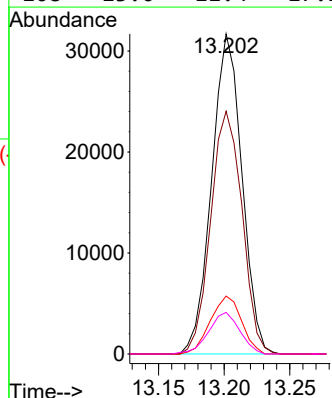
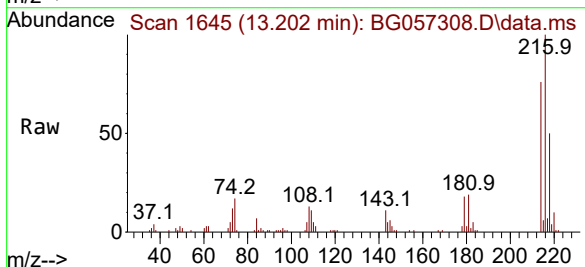
Ion Ratio Lower Upper

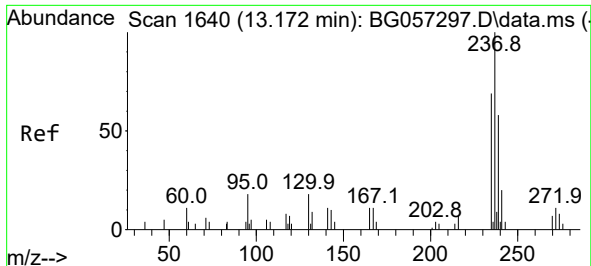
216 100

214 75.9 62.9 94.3

179 18.1 15.3 22.9

108 13.0 11.4 17.2

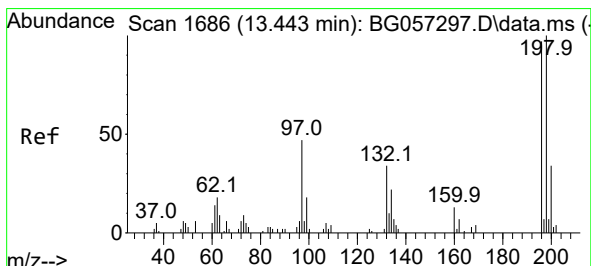
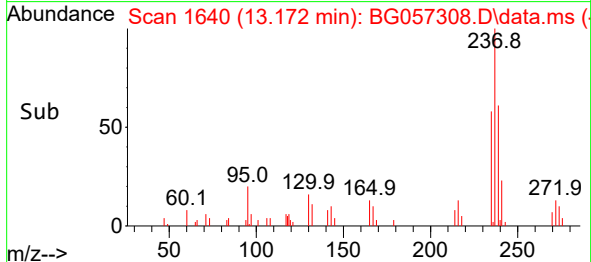
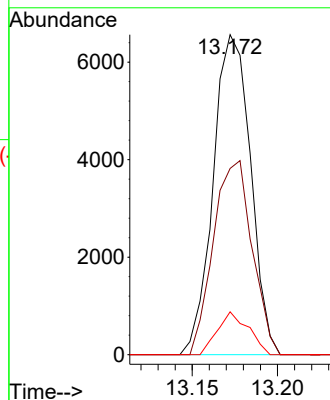
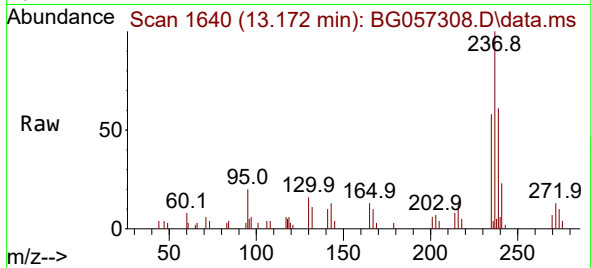




#40
Hexachlorocyclopentadiene
Concen: 11.290 ng/ul
RT: 13.172 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

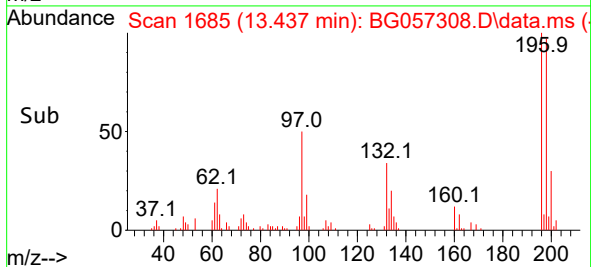
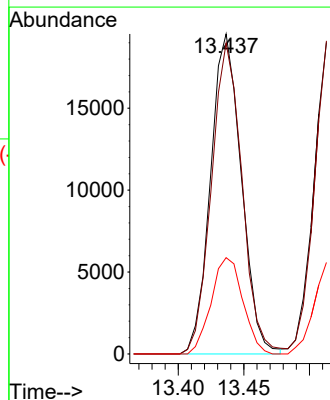
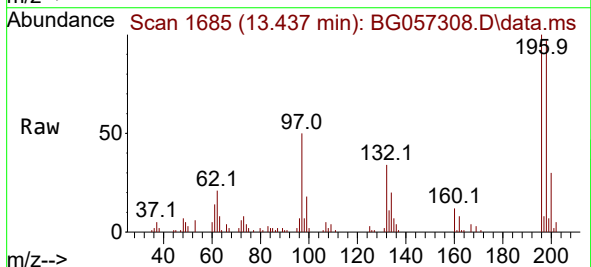
Instrument :
BNA_G
ClientSampleId :
SLCS587

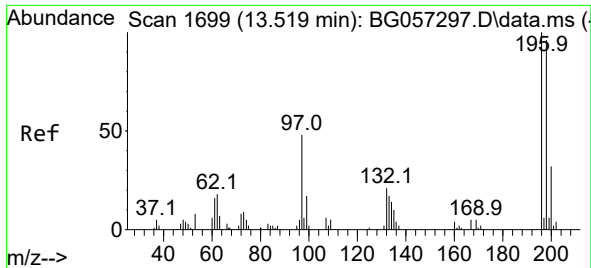
Tgt Ion:237	Resp:	9997
Ion	Ratio	Lower Upper
237	100	
235	58.2	51.4 77.0
272	13.4	9.4 14.2



#41
2,4,6-Trichlorophenol
Concen: 30.868 ng/ul
RT: 13.437 min Scan# 1685
Delta R.T. -0.003 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:196	Resp:	31900
Ion	Ratio	Lower Upper
196	100	
198	97.2	83.8 125.8
200	30.1	26.6 40.0

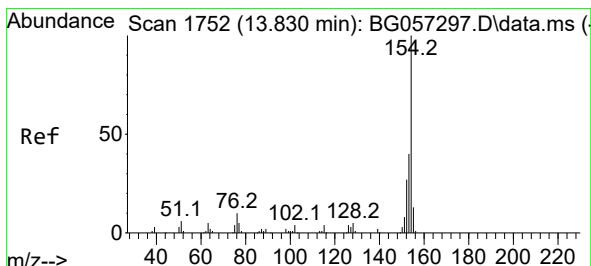
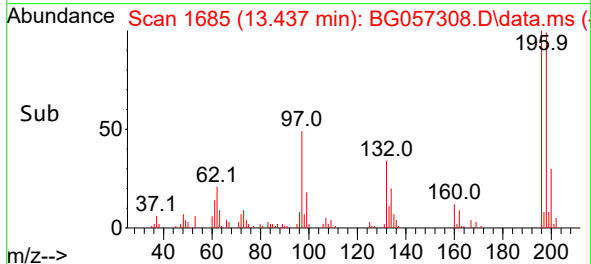
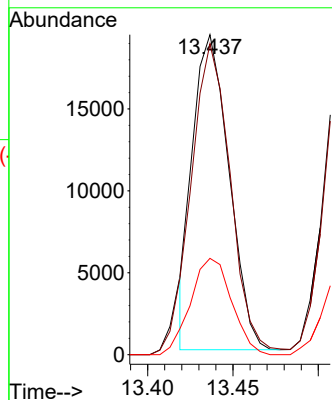
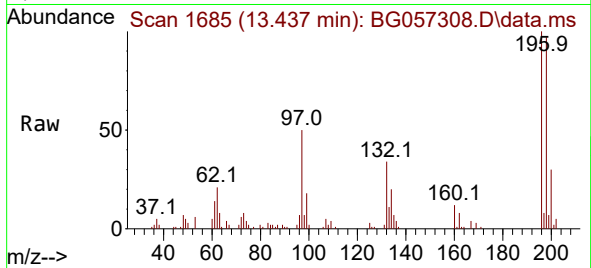




#42
2,4,5-Trichlorophenol
Concen: 25.631 ng/ul
RT: 13.437 min Scan# 1
Delta R.T. -0.079 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

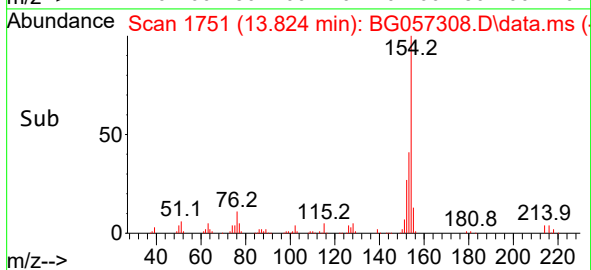
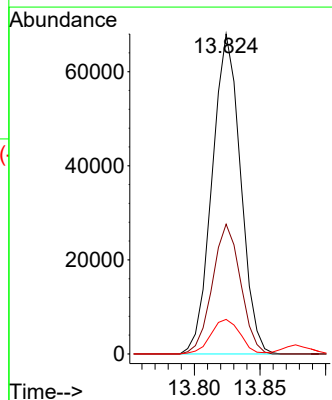
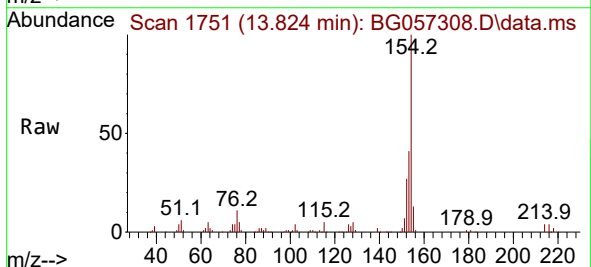
Instrument :
BNA_G
ClientSampleId :
SLCS587

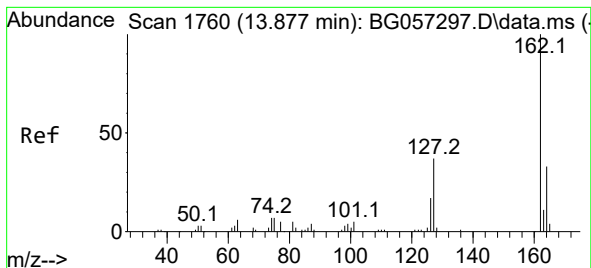
Tgt Ion:196 Resp: 28438
Ion Ratio Lower Upper
196 100
198 97.2 85.7 128.5
200 30.1 29.9 44.9



#43
1,1'-Biphenyl
Concen: 27.505 ng/ul
RT: 13.824 min Scan# 1751
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:154 Resp: 102477
Ion Ratio Lower Upper
154 100
153 40.6 31.6 47.4
76 10.8 8.0 12.0

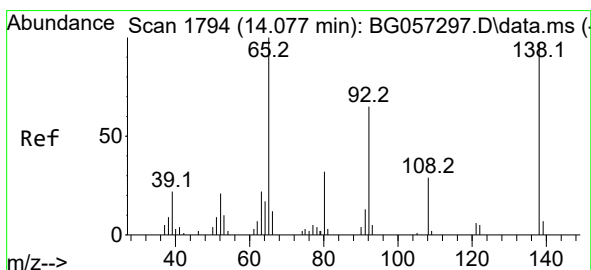
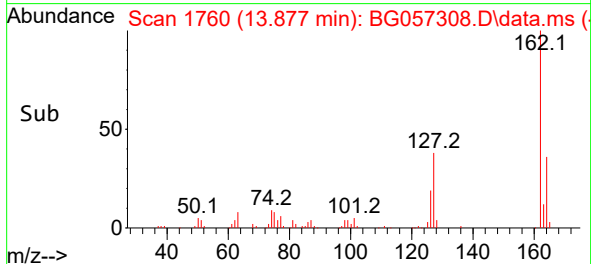
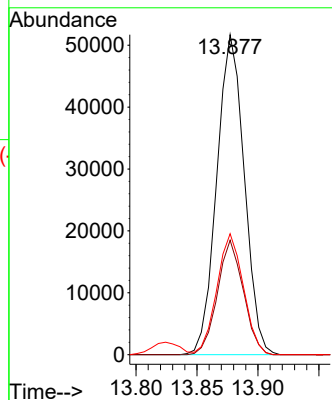
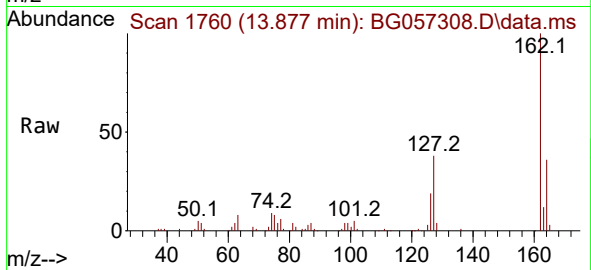




#44
2-Chloronaphthalene
Concen: 28.072 ng/ul
RT: 13.877 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

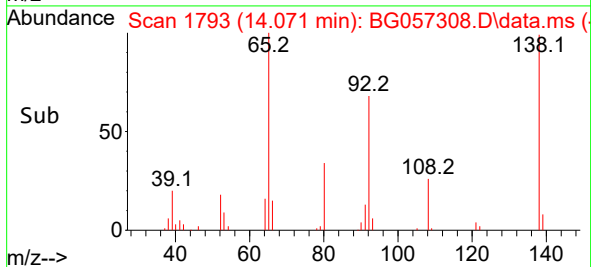
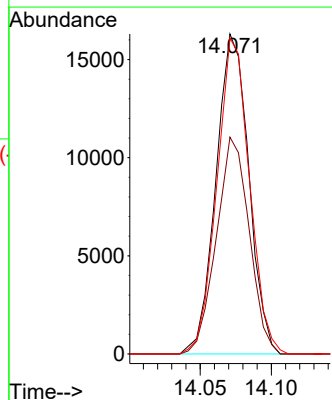
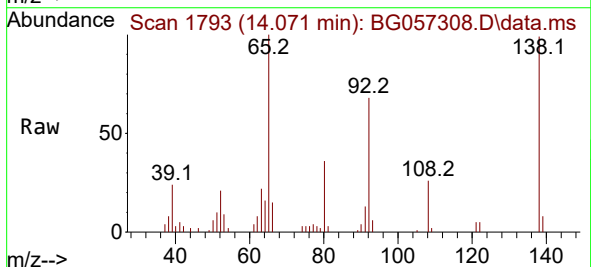
Instrument :
BNA_G
ClientSampleId :
SLCS587

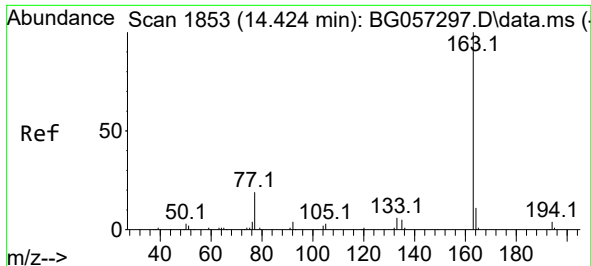
Tgt Ion:162 Resp: 81095
Ion Ratio Lower Upper
162 100
164 35.8 26.2 39.4
127 37.8 29.4 44.2



#45
2-Nitroaniline
Concen: 29.917 ng/ul
RT: 14.071 min Scan# 1793
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion: 65 Resp: 26091
Ion Ratio Lower Upper
65 100
92 67.8 51.8 77.6
138 98.7 71.9 107.9





#47

Dimethylphthalate

Concen: 29.108 ng/ul

RT: 14.418 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

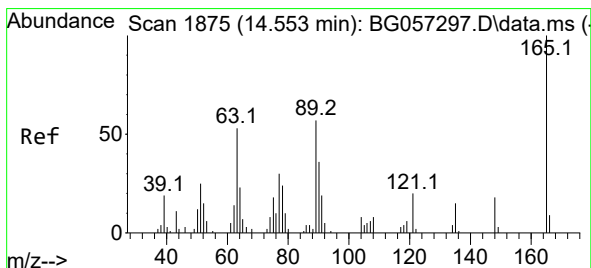
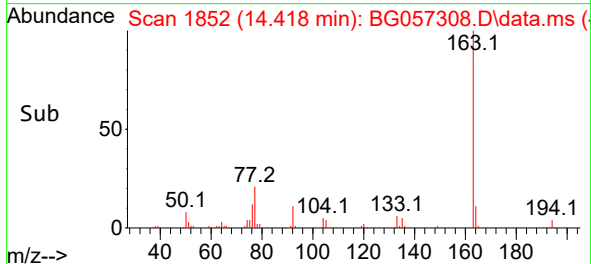
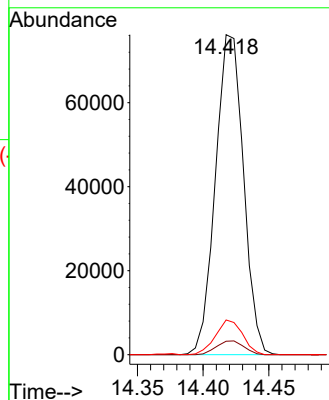
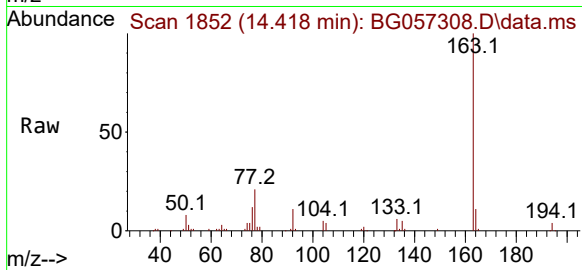
Tgt Ion:163 Resp: 113093

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

164 10.8 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 30.595 ng/ul

RT: 14.553 min Scan# 1875

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

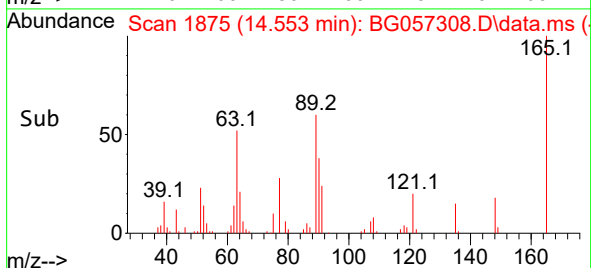
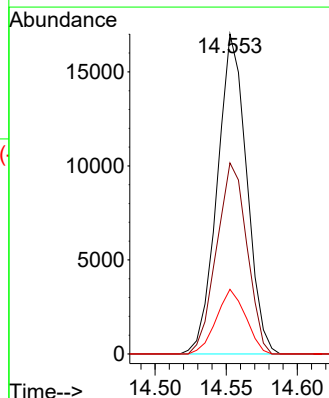
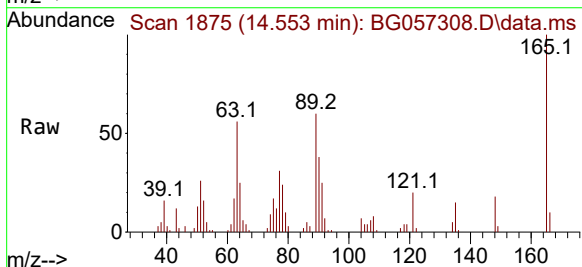
Tgt Ion:165 Resp: 24463

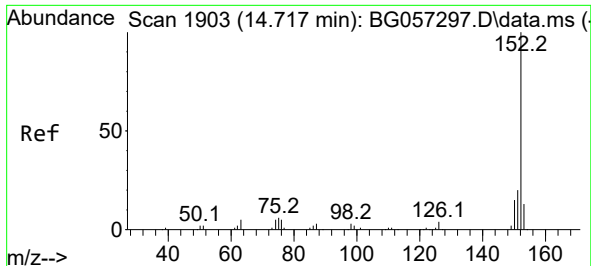
Ion Ratio Lower Upper

165 100

89 59.7 50.6 76.0

121 20.2 16.8 25.2

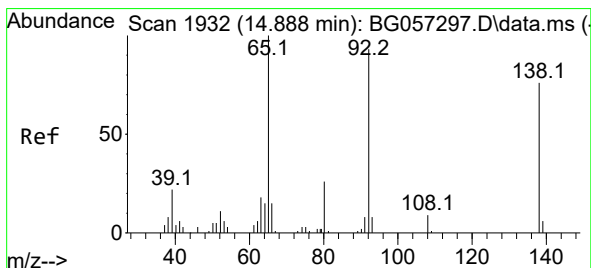
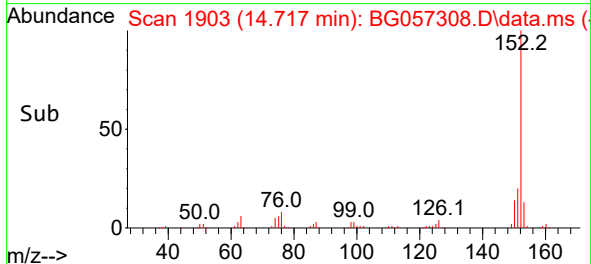
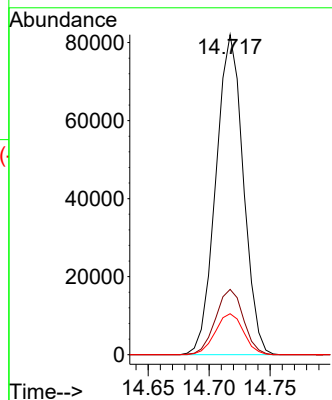
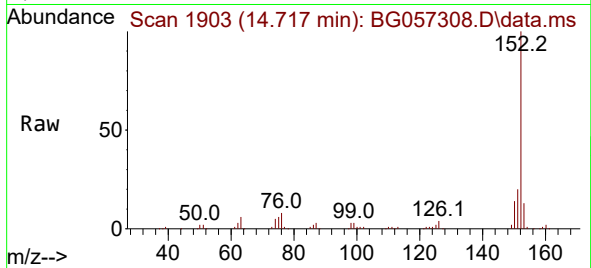




#50
Acenaphthylene
Concen: 29.031 ng/ul
RT: 14.717 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

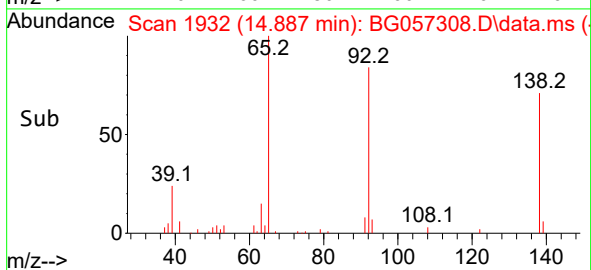
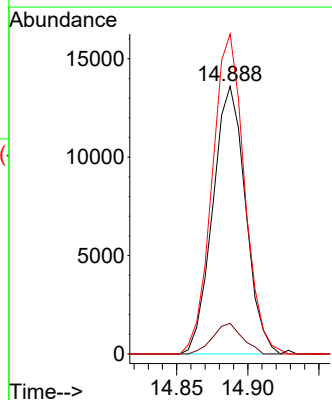
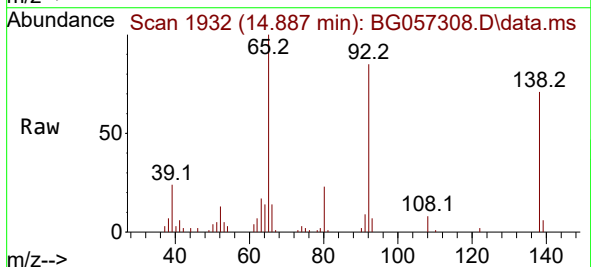
Instrument :
BNA_G
ClientSampleId :
SLCS587

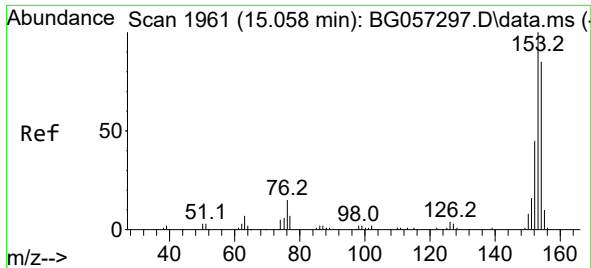
Tgt Ion:152 Resp: 128285
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 12.8 10.1 15.1



#51
3-Nitroaniline
Concen: 38.417 ng/ul
RT: 14.887 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:138 Resp: 21765
Ion Ratio Lower Upper
138 100
108 11.4 9.2 13.8
92 119.5 99.5 149.3

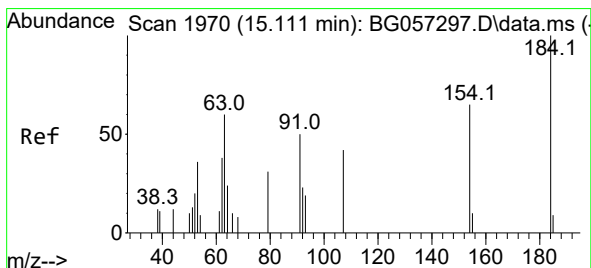
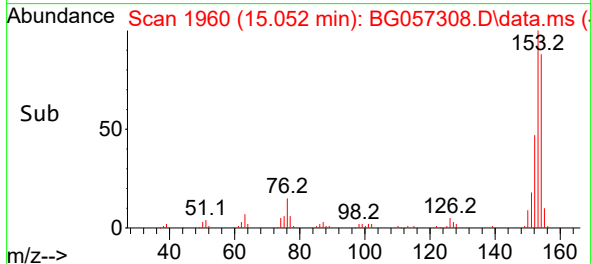
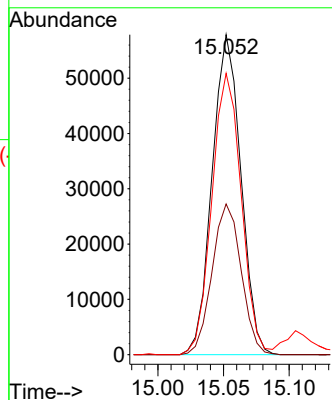
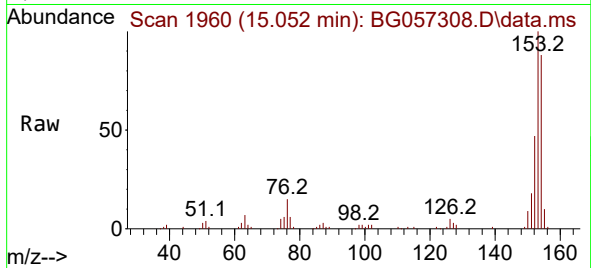




#52
Acenaphthene
Concen: 28.010 ng/ul
RT: 15.052 min Scan# 1960
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

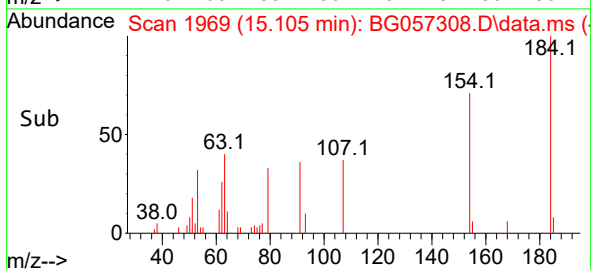
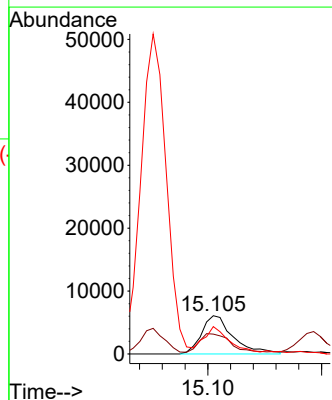
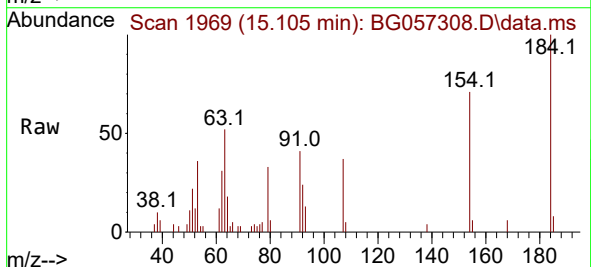
Instrument :
BNA_G
ClientSampleId :
SLCS587

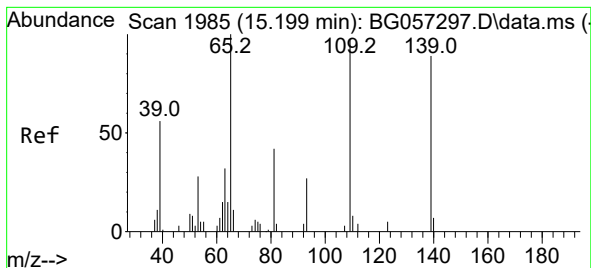
Tgt Ion:153 Resp: 88187
Ion Ratio Lower Upper
153 100
152 47.1 36.5 54.7
154 87.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 27.564 ng/ul
RT: 15.105 min Scan# 1969
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:184 Resp: 11737
Ion Ratio Lower Upper
184 100
63 51.6 48.3 72.5
154 71.5 50.0 75.0

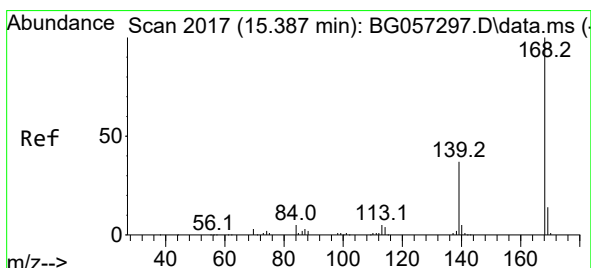
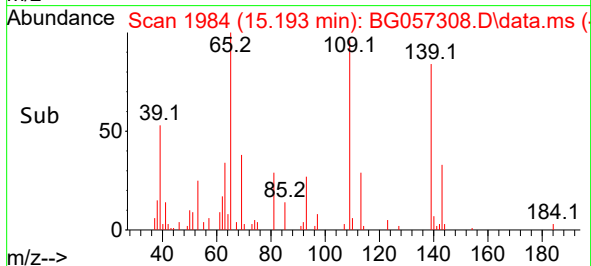
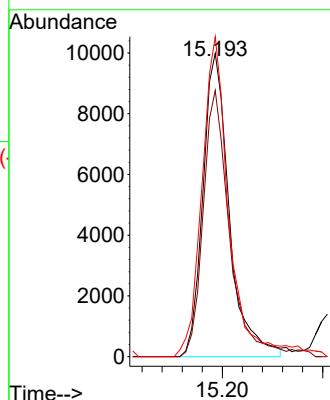
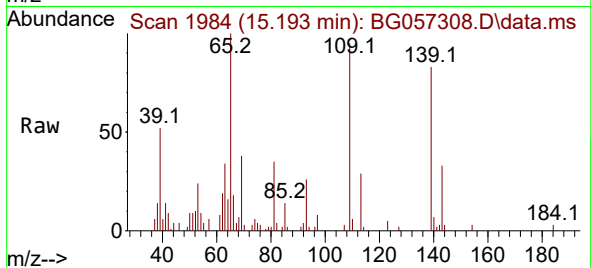




#55
4-Nitrophenol
Concen: 28.538 ng/ul
RT: 15.193 min Scan# 1985
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

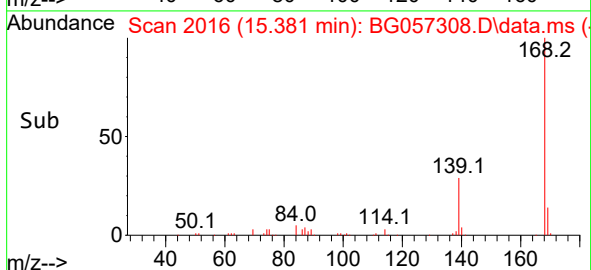
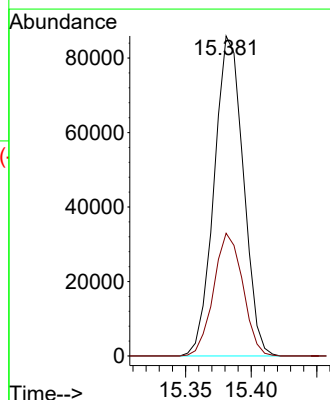
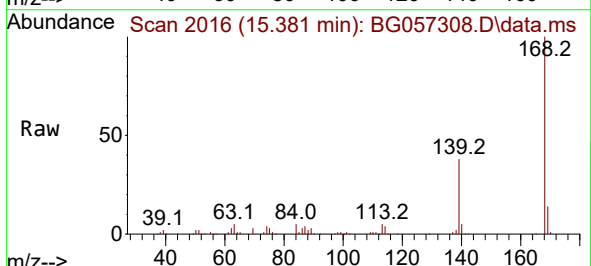
Instrument :
BNA_G
ClientSampleId :
SLCS587

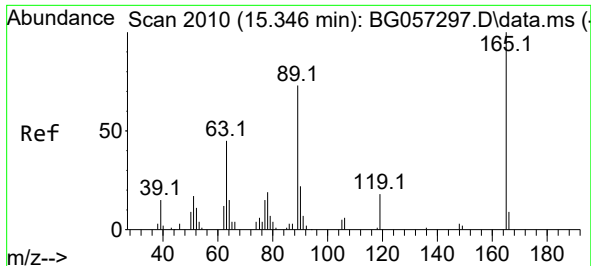
Tgt Ion:109 Resp: 18219
Ion Ratio Lower Upper
109 100
139 87.8 73.8 110.8
65 105.5 81.7 122.5



#56
Dibenzofuran
Concen: 29.203 ng/ul
RT: 15.381 min Scan# 2016
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:168 Resp: 132775
Ion Ratio Lower Upper
168 100
139 38.4 29.6 44.4





#57

2,4-Dinitrotoluene

Concen: 31.157 ng/ul

RT: 15.340 min Scan# 2010

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

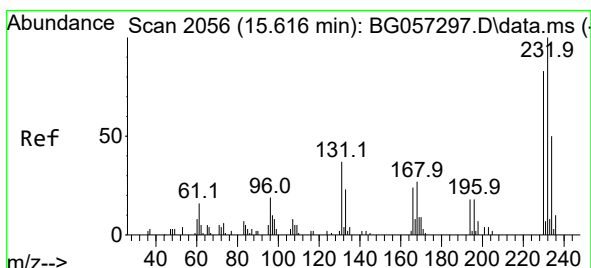
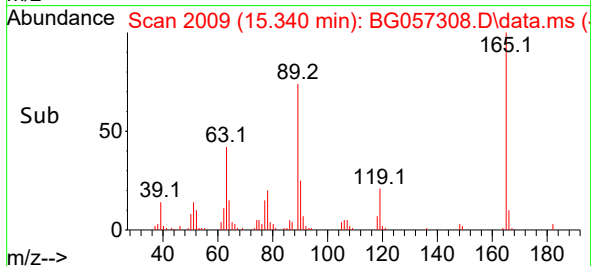
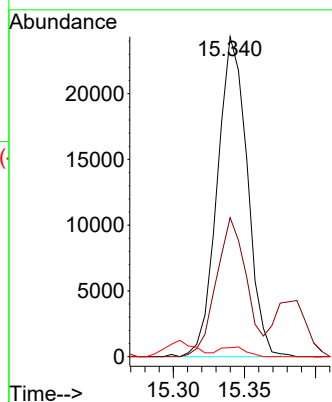
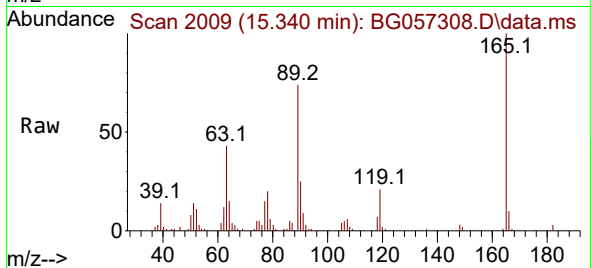
Tgt Ion:165 Resp: 35663

Ion Ratio Lower Upper

165 100

63 43.5 35.9 53.9

182 2.8 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 30.837 ng/ul

RT: 15.610 min Scan# 2055

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Tgt Ion:232 Resp: 31090

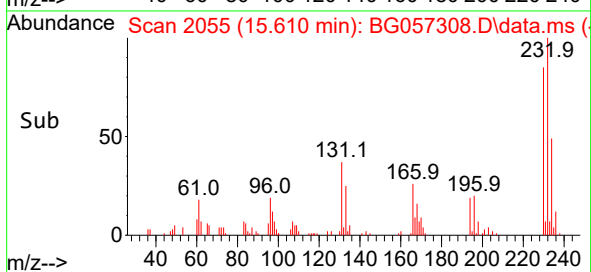
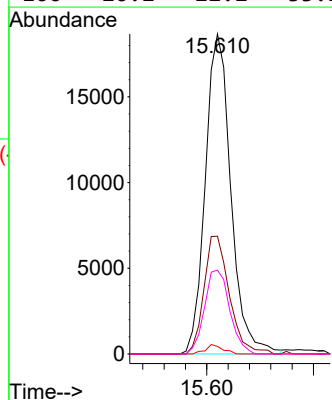
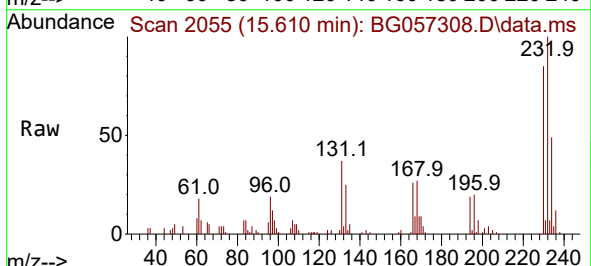
Ion Ratio Lower Upper

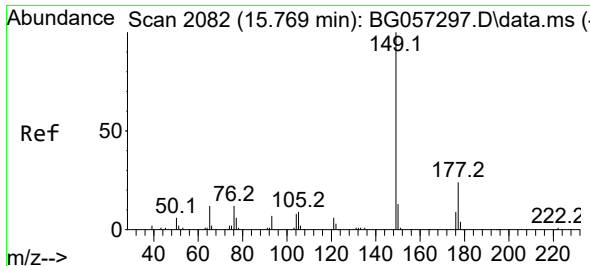
232 100

131 36.8 28.6 43.0

130 2.3 1.8 2.6

166 26.2 22.2 33.2

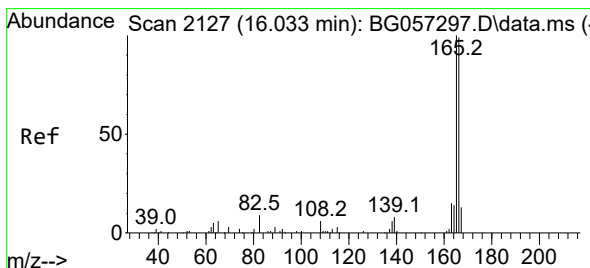
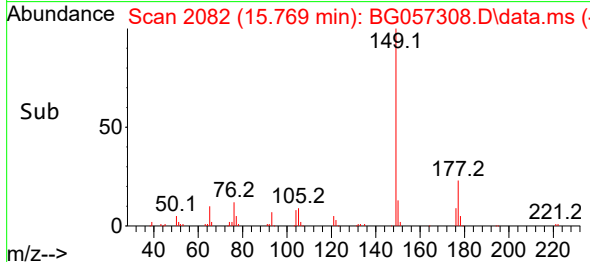
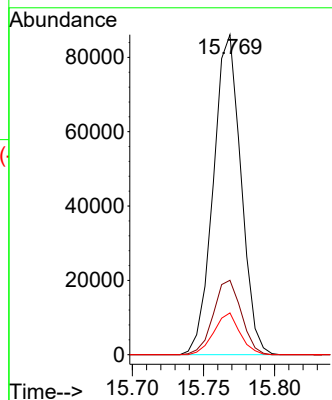
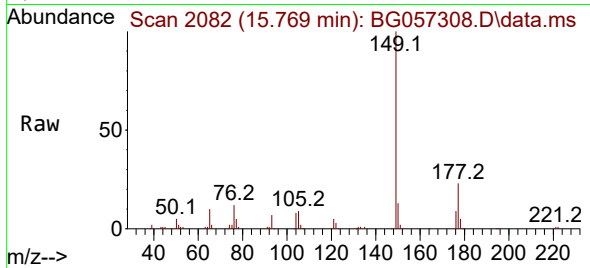




#59
Diethylphthalate
Concen: 29.533 ng/ul
RT: 15.769 min Scan# 2082
Delta R.T. -0.003 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

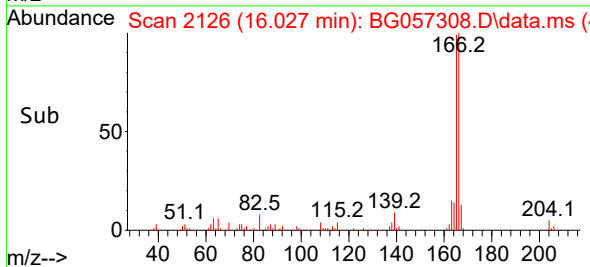
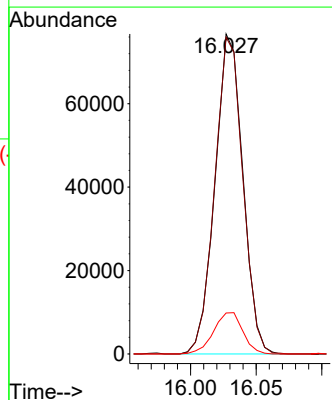
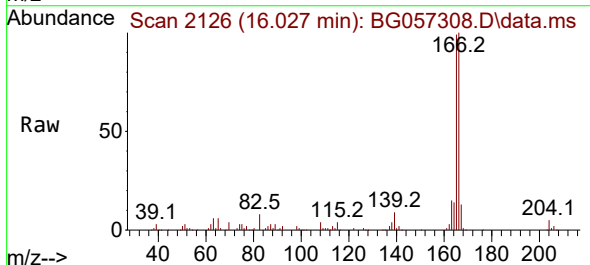
Instrument :
BNA_G
ClientSampleId :
SLCS587

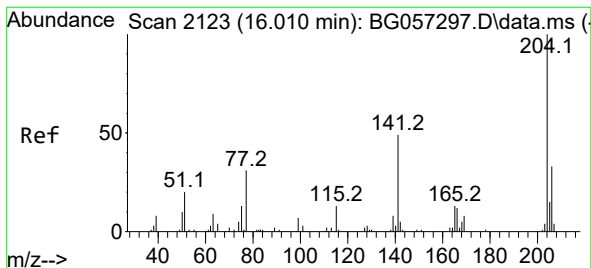
Tgt Ion:149 Resp: 116576
Ion Ratio Lower Upper
149 100
177 23.2 18.6 28.0
150 13.0 9.8 14.8



#61
Fluorene
Concen: 29.456 ng/ul
RT: 16.027 min Scan# 2126
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:166 Resp: 113244
Ion Ratio Lower Upper
166 100
165 99.0 80.1 120.1
167 12.8 10.2 15.4

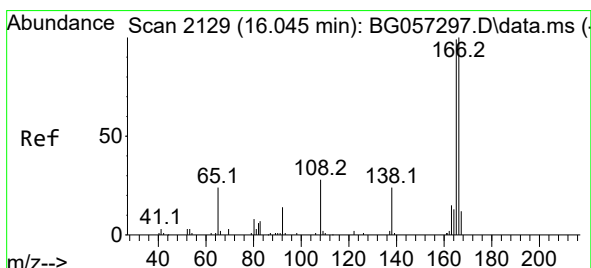
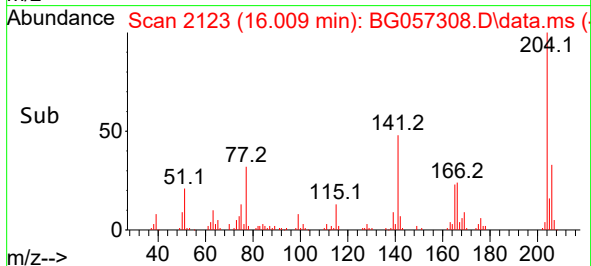
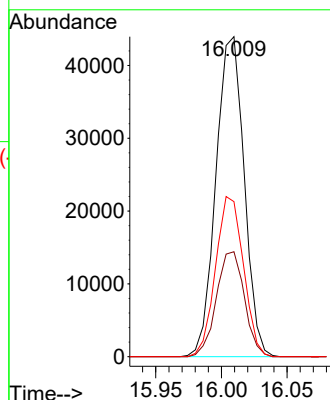
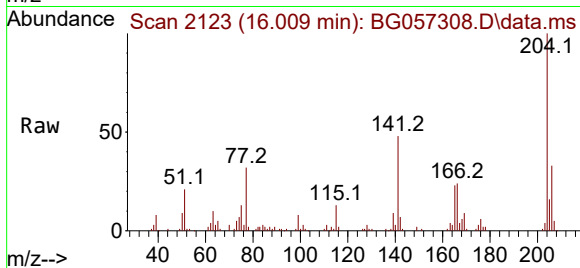




#62
4-Chlorophenyl-phenylether
Concen: 29.276 ng/ul
RT: 16.009 min Scan# 2123
Delta R.T. -0.003 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

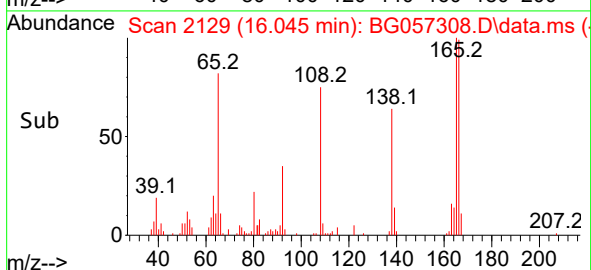
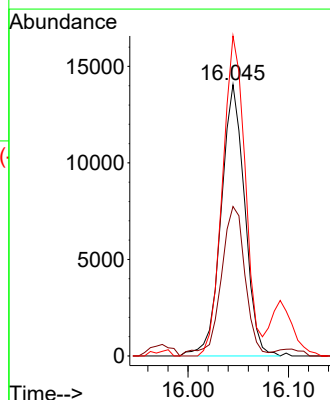
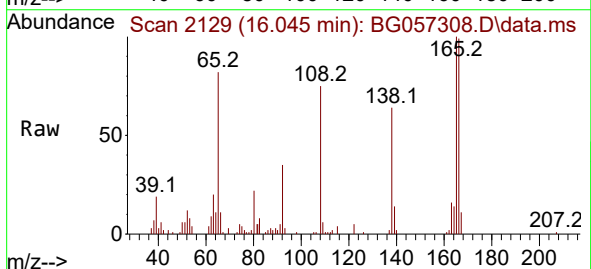
Instrument :
BNA_G
ClientSampleId :
SLCS587

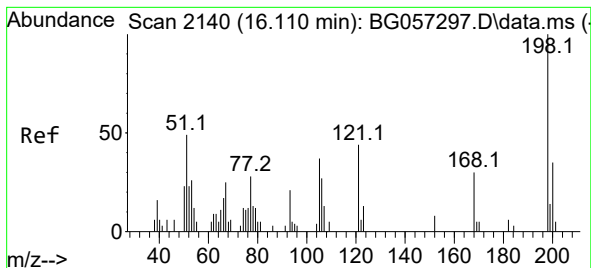
Tgt Ion:204 Resp: 65693
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 48.5 41.5 62.3



#63
4-Nitroaniline
Concen: 42.696 ng/ul
RT: 16.045 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:138 Resp: 22907
Ion Ratio Lower Upper
138 100
92 55.1 39.9 59.9
108 117.9 89.1 133.7

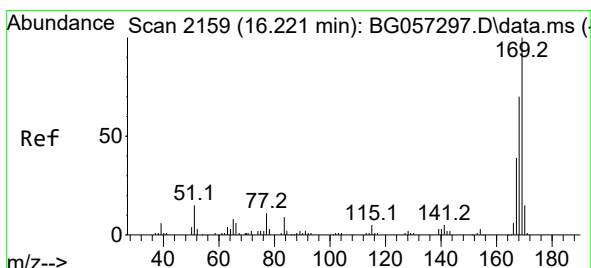
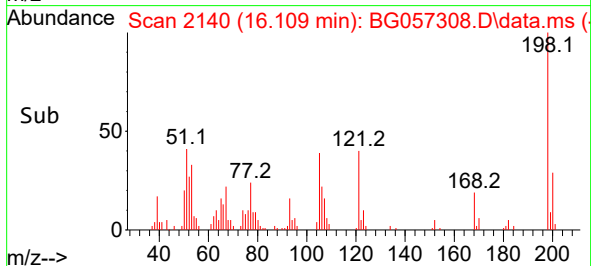
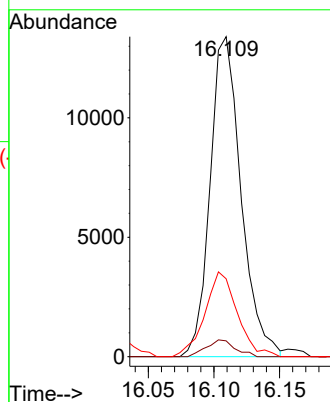
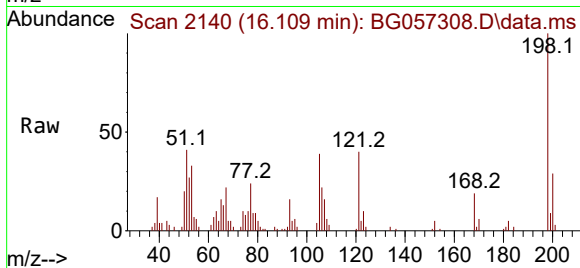




#66
 4,6-Dinitro-2-methylphenol
 Concen: 28.261 ng/ul
 RT: 16.109 min Scan# 2140
 Delta R.T. -0.003 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

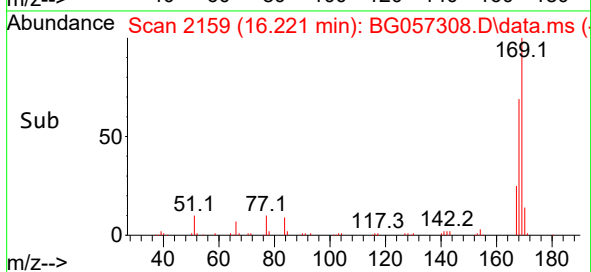
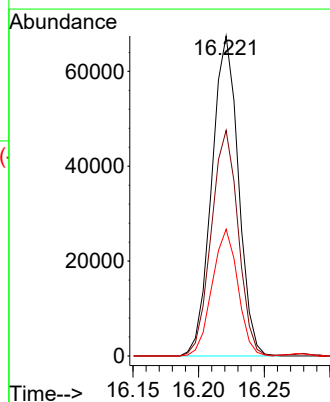
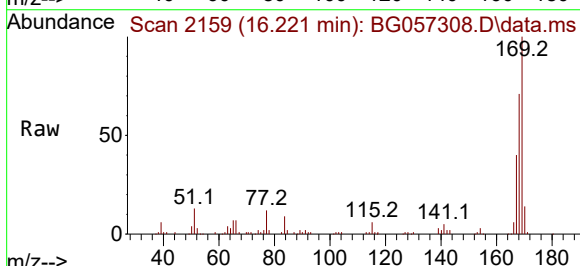
Instrument :
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 ClientSampleId :
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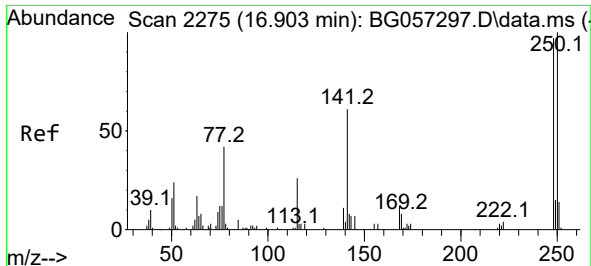
Tgt Ion:198 Resp: 22003
 Ion Ratio Lower Upper
 198 100
 182 4.9 3.0 4.6#
 77 24.4 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 28.280 ng/ul
 RT: 16.221 min Scan# 2159
 Delta R.T. -0.008 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

Tgt Ion:169 Resp: 95263
 Ion Ratio Lower Upper
 169 100
 168 70.5 55.4 83.2
 167 39.6 31.0 46.4

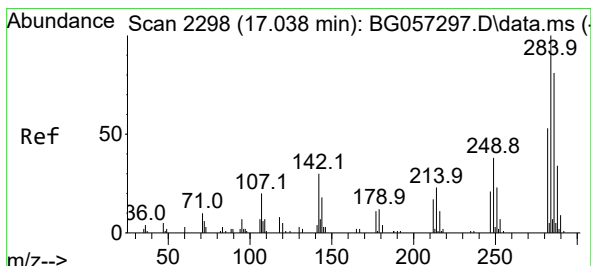
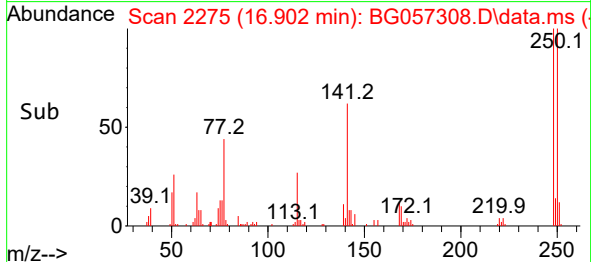
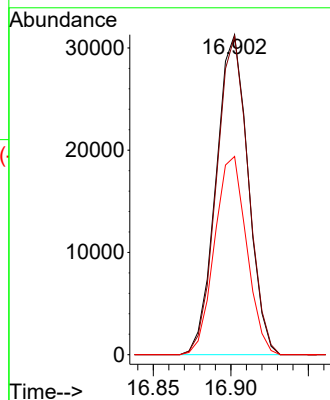
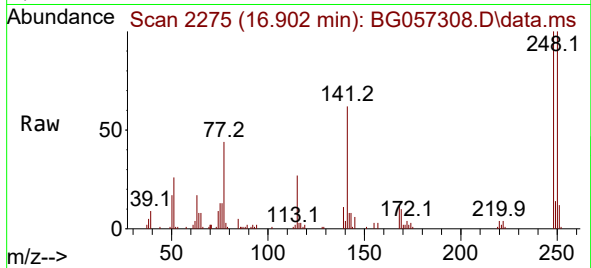




#68
4-Bromophenyl-phenylether
Concen: 29.144 ng/ul
RT: 16.902 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

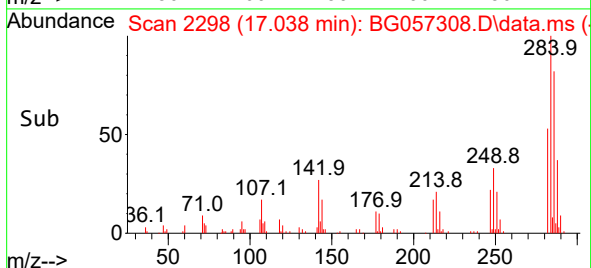
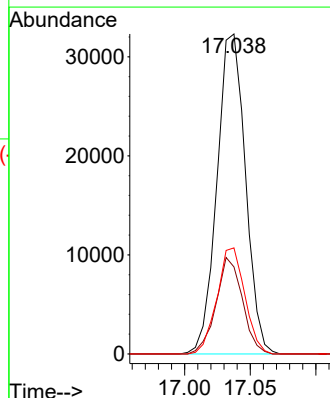
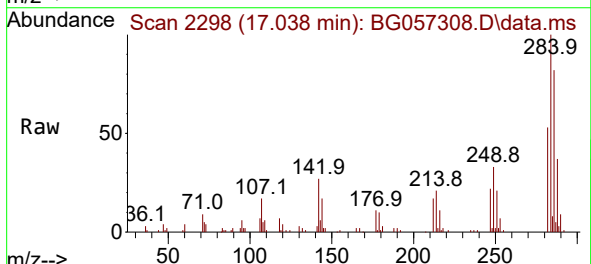
Instrument :
BNA_G
ClientSampleId :
SLCS587

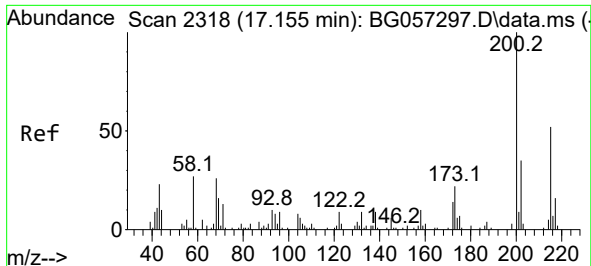
Tgt Ion:248 Resp: 44920
Ion Ratio Lower Upper
248 100
250 99.6 74.8 112.2
141 61.9 47.8 71.6



#69
Hexachlorobenzene
Concen: 30.010 ng/ul
RT: 17.038 min Scan# 2298
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:284 Resp: 48708
Ion Ratio Lower Upper
284 100
142 27.2 22.6 33.8
249 33.2 26.2 39.2

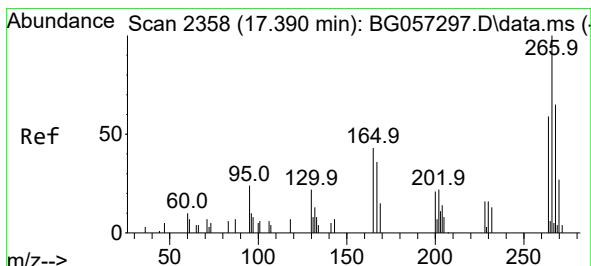
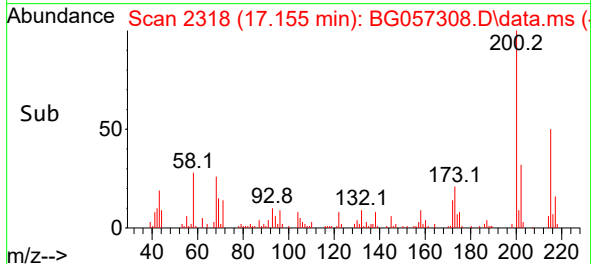
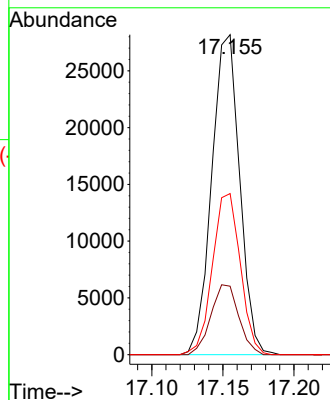
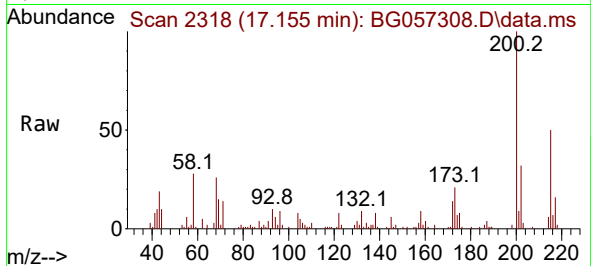




#70
 Atrazine
 Concen: 25.704 ng/ul
 RT: 17.155 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

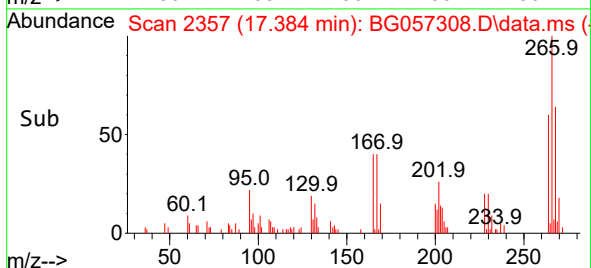
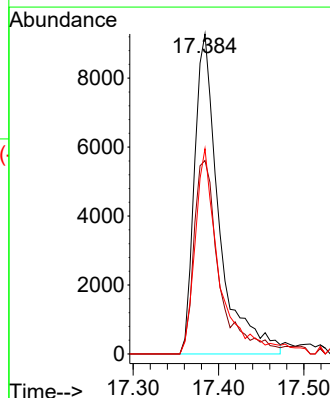
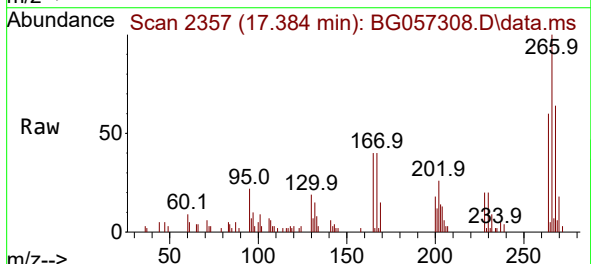
Instrument :
 BNA_G
 ClientSampleId :
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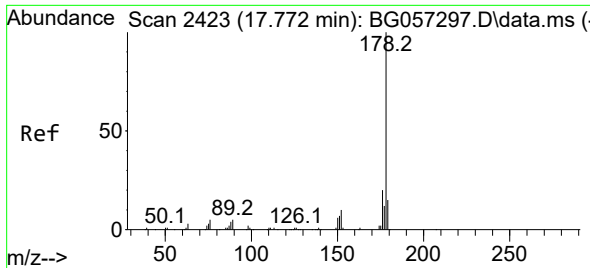
Tgt Ion:200 Resp: 38482
 Ion Ratio Lower Upper
 200 100
 173 21.4 17.8 26.6
 215 50.3 40.3 60.5



#71
 Pentachlorophenol
 Concen: 24.865 ng/ul
 RT: 17.384 min Scan# 2357
 Delta R.T. -0.002 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

Tgt Ion:266 Resp: 18654
 Ion Ratio Lower Upper
 266 100
 264 60.5 47.8 71.6
 268 64.2 48.2 72.4

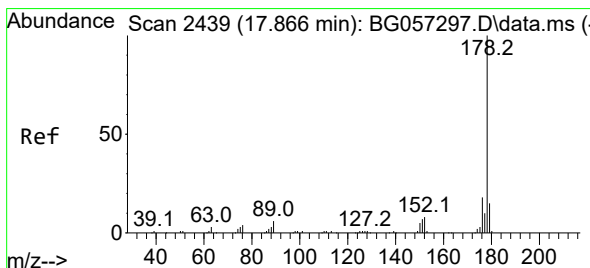
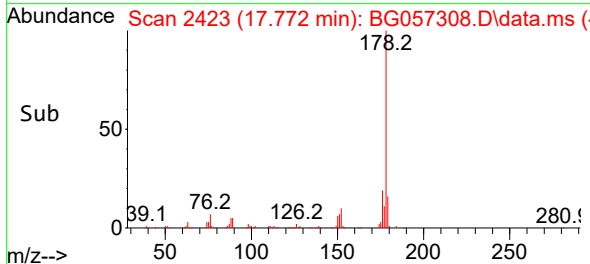
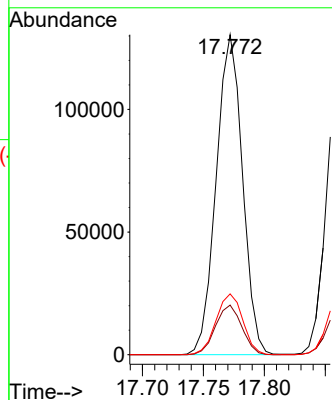
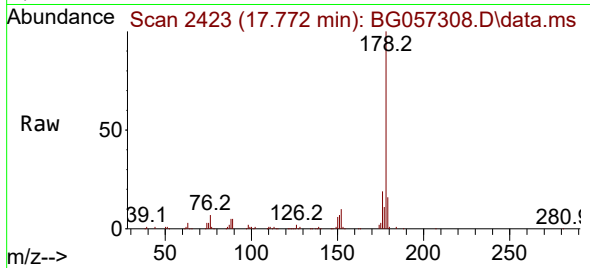




#72
Phenanthrene
Concen: 29.159 ng/ul
RT: 17.772 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

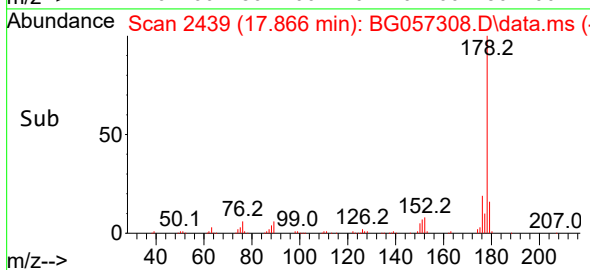
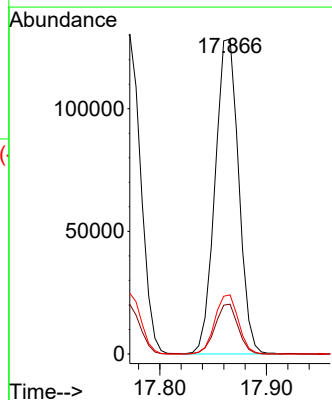
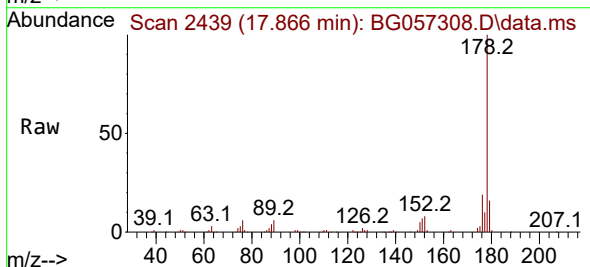
Instrument :
BNA_G
ClientSampleId :
SLCS587

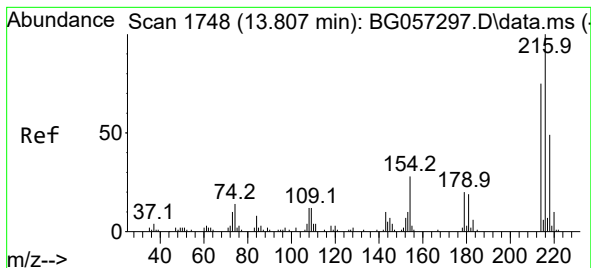
Tgt Ion:178 Resp: 195815
Ion Ratio Lower Upper
178 100
179 15.5 11.8 17.8
176 19.0 15.4 23.0



#74
Anthracene
Concen: 29.266 ng/ul
RT: 17.866 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:178 Resp: 197417
Ion Ratio Lower Upper
178 100
179 15.8 12.5 18.7
176 18.8 14.7 22.1

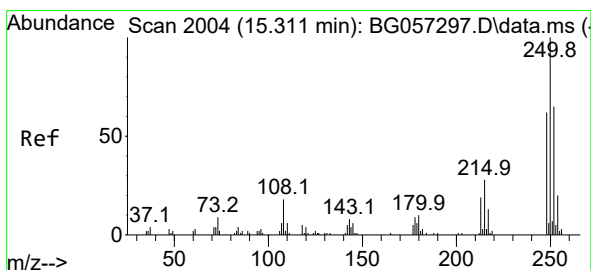
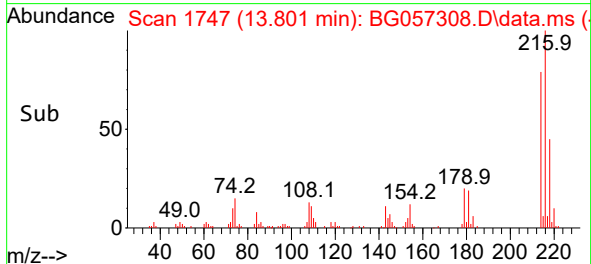
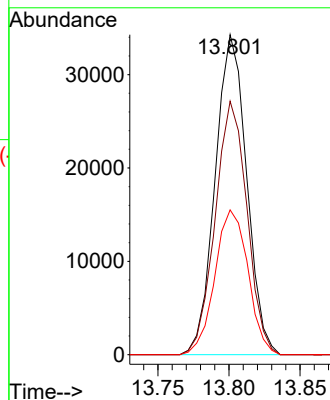
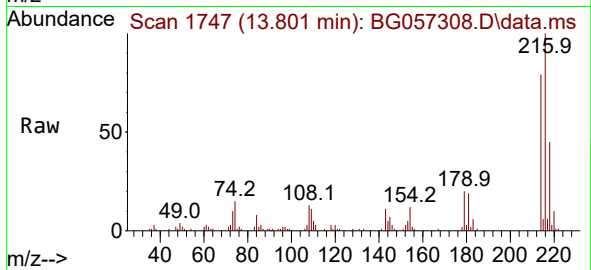




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.220 ng/uL
RT: 13.801 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

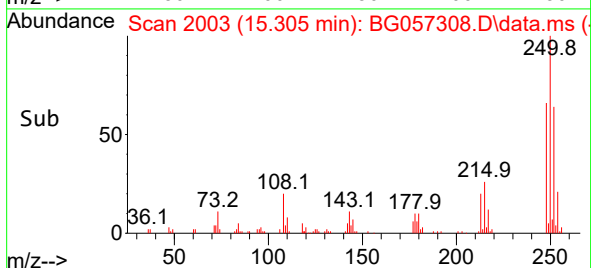
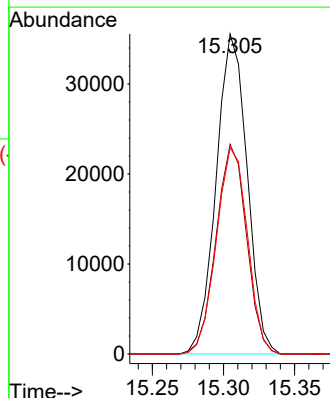
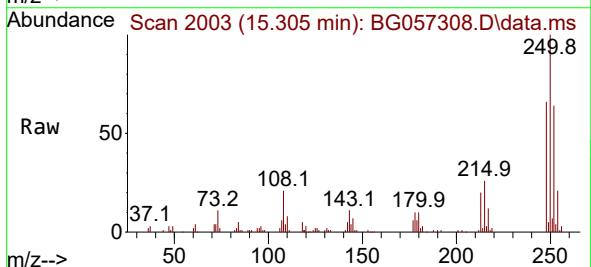
Instrument :
BNA_G
ClientSampleId :
SLCS587

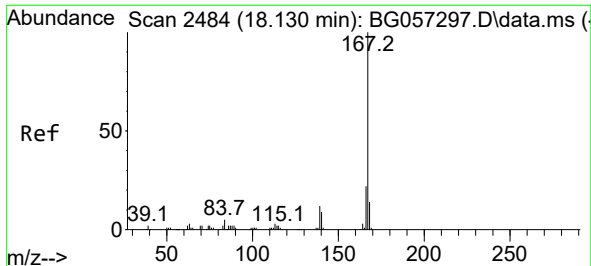
Tgt Ion:216 Resp: 52796
Ion Ratio Lower Upper
216 100
214 79.2 64.3 96.5
218 45.2 38.5 57.7



#76
Pentachlorobenzene
Concen: 27.327 ng/uL
RT: 15.305 min Scan# 2003
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:250 Resp: 53952
Ion Ratio Lower Upper
250 100
248 65.5 52.2 78.2
252 64.4 52.5 78.7

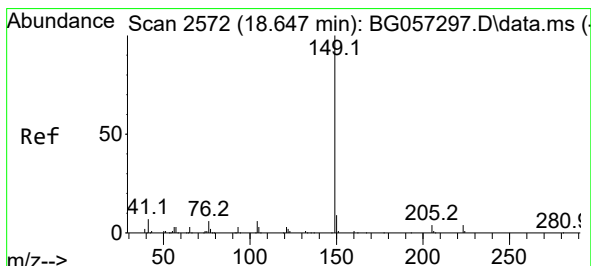
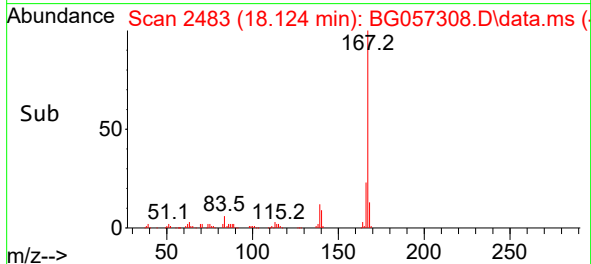
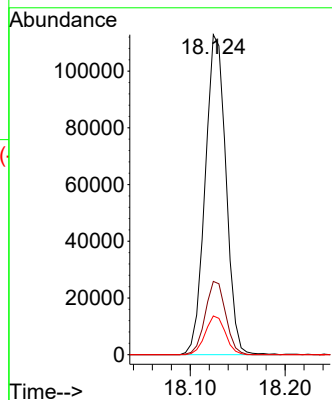
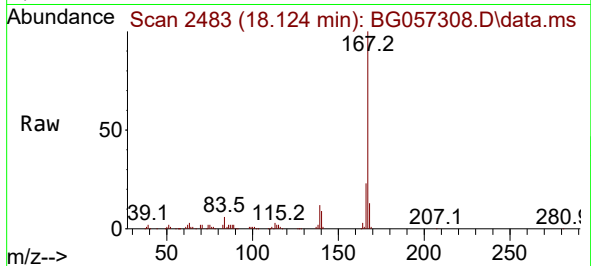




#77
 Carbazole
 Concen: 30.384 ng/ul
 RT: 18.124 min Scan# 2483
 Delta R.T. -0.008 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

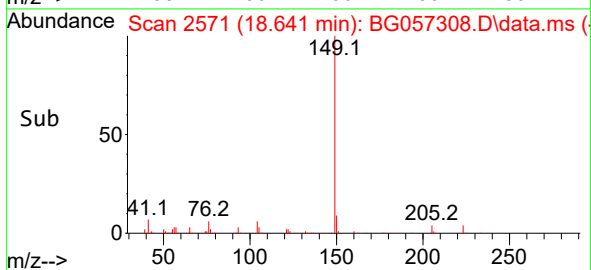
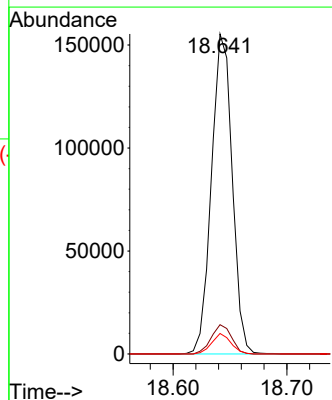
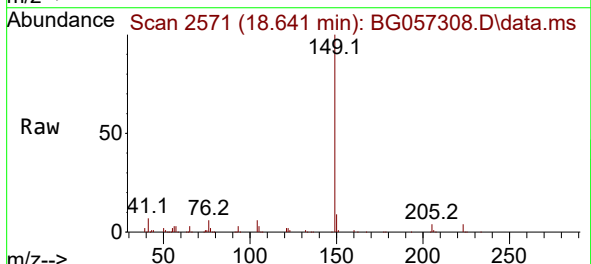
Instrument :
 BNA_G
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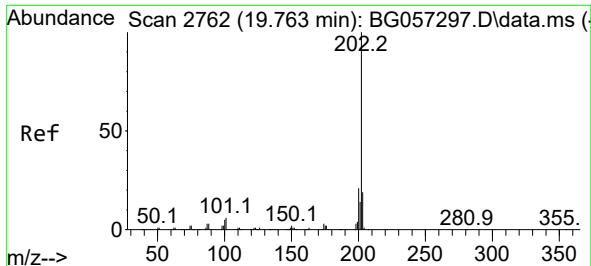
Tgt Ion:167 Resp: 171282
 Ion Ratio Lower Upper
 167 100
 166 22.9 18.0 27.0
 139 12.1 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 30.604 ng/ul
 RT: 18.641 min Scan# 2571
 Delta R.T. -0.008 min
 Lab File: BG057308.D
 Acq: 4 May 2023 19:31

Tgt Ion:149 Resp: 197278
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 6.4 5.0 7.6

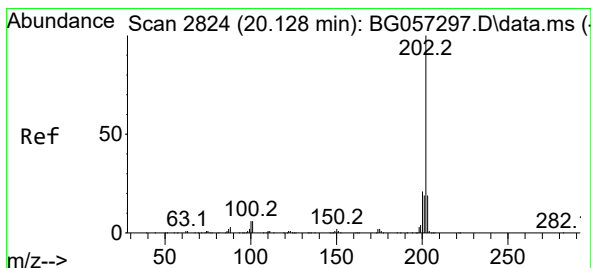
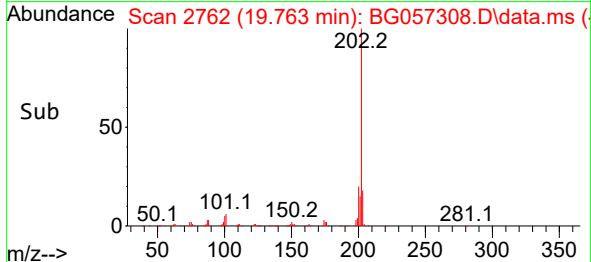
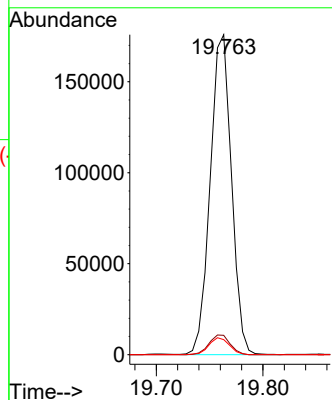
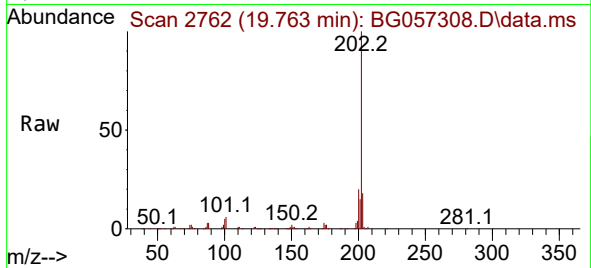




#80
Fluoranthene
Concen: 31.753 ng/ul
RT: 19.763 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

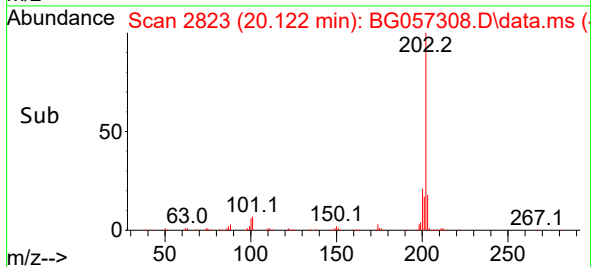
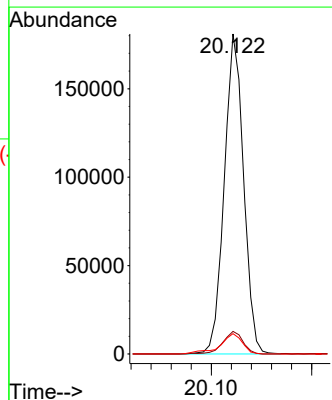
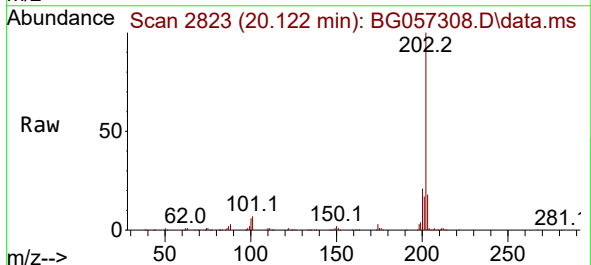
Instrument :
BNA_G
ClientSampleId :
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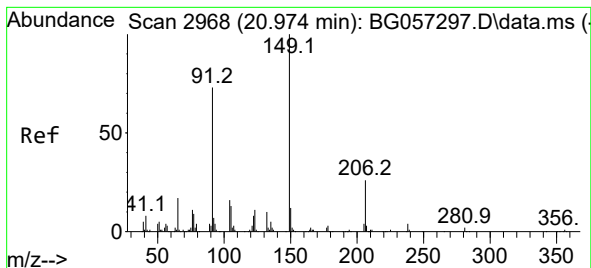
Tgt Ion:202 Resp: 243758
Ion Ratio Lower Upper
202 100
101 6.0 5.8 8.6
100 4.7 4.6 7.0



#82
Pyrene
Concen: 31.018 ng/ul
RT: 20.122 min Scan# 2823
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:202 Resp: 241054
Ion Ratio Lower Upper
202 100
101 7.1 5.7 8.5
100 6.3 6.0 9.0





#83

Butylbenzylphthalate

Concen: 32.860 ng/ul

RT: 20.973 min Scan# 2968

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

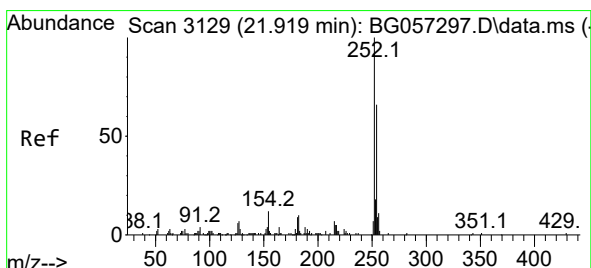
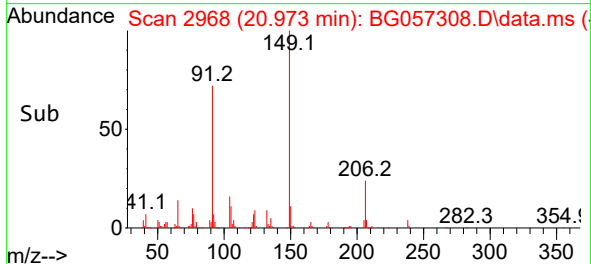
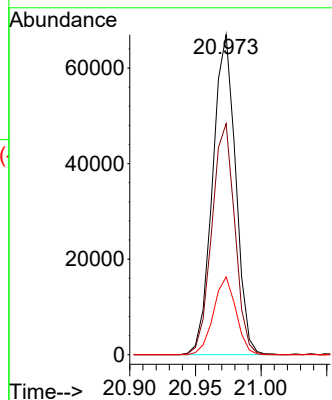
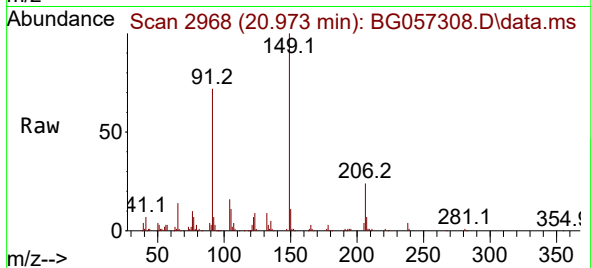
Tgt Ion:149 Resp: 81780

Ion Ratio Lower Upper

149 100

91 72.2 58.6 87.8

206 24.3 19.8 29.8



#84

3,3'-Dichlorobenzidine

Concen: 33.823 ng/ul

RT: 21.913 min Scan# 3128

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

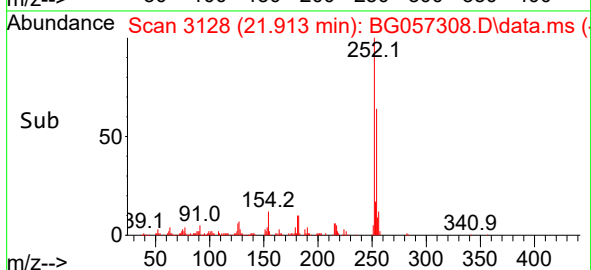
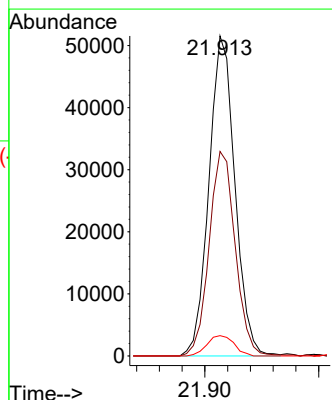
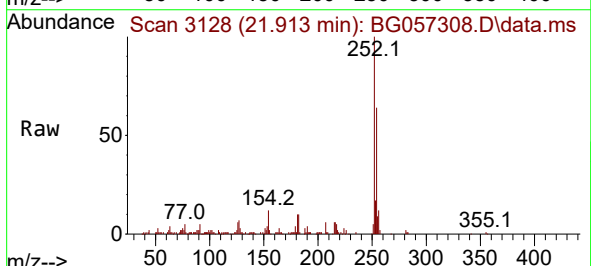
Tgt Ion:252 Resp: 81781

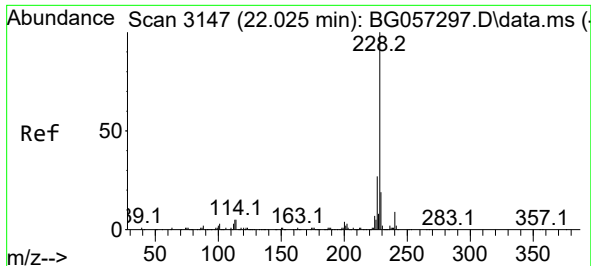
Ion Ratio Lower Upper

252 100

254 63.9 53.7 80.5

126 6.4 5.2 7.8

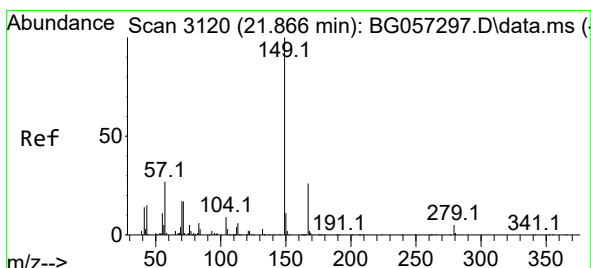
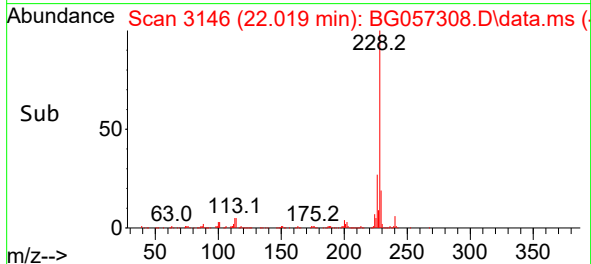
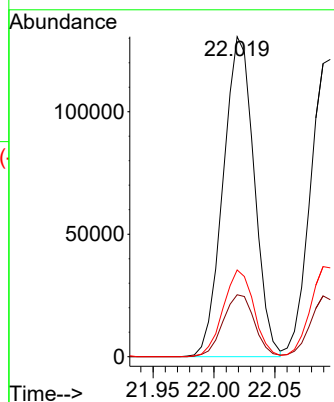
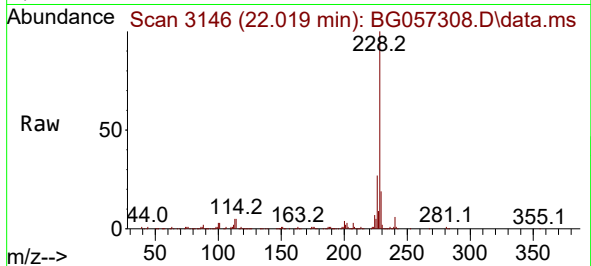




#85
Benzo(a)anthracene
Concen: 30.039 ng/ul
RT: 22.019 min Scan# 3119
Delta R.T. -0.008 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

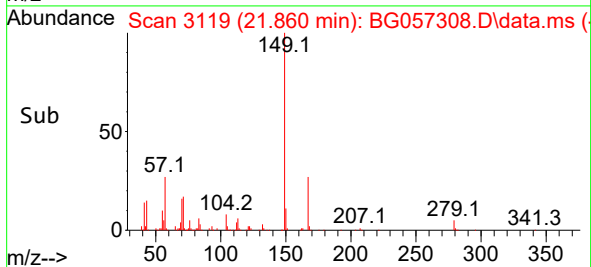
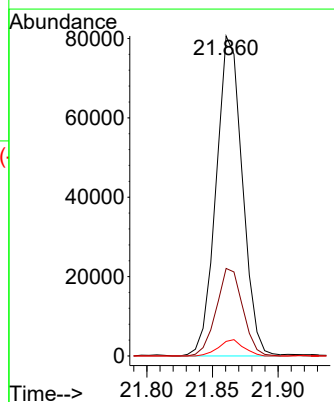
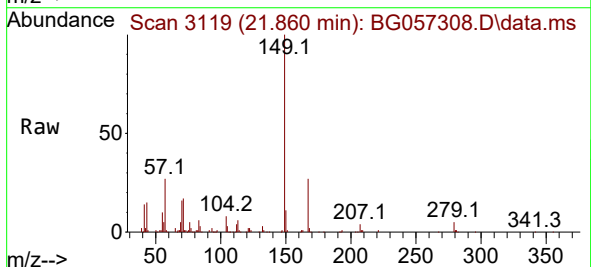
Instrument :
BNA_G
ClientSampleId :
SLCS587

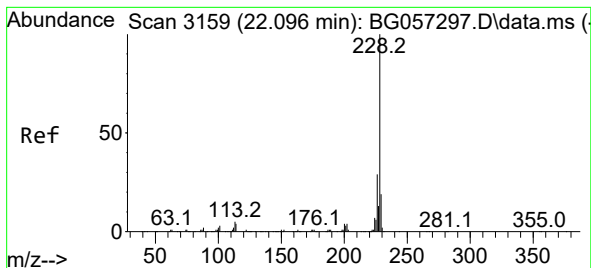
Tgt Ion:228 Resp: 231305
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 27.1 21.7 32.5



#86
Bis(2-ethylhexyl)phthalate
Concen: 30.925 ng/ul
RT: 21.860 min Scan# 3119
Delta R.T. -0.014 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:149 Resp: 111937
Ion Ratio Lower Upper
149 100
167 27.4 23.0 34.6
279 4.5 3.6 5.4





#87

Chrysene

Concen: 30.019 ng/ul

RT: 22.095 min Scan# 3159

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

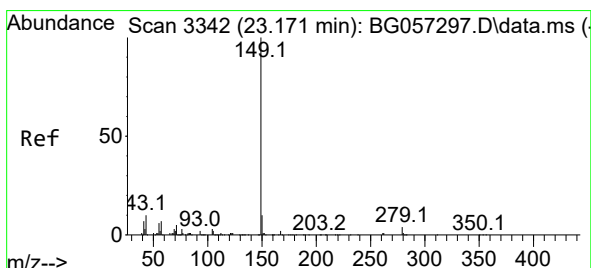
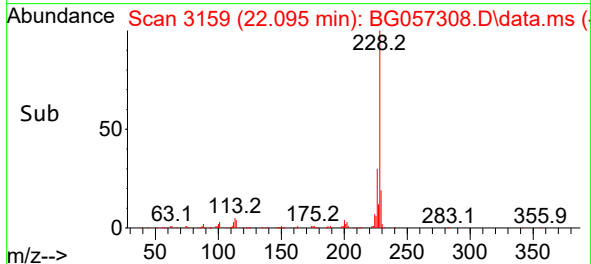
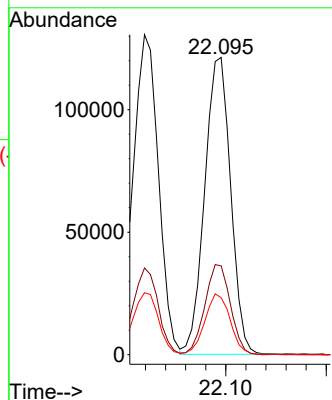
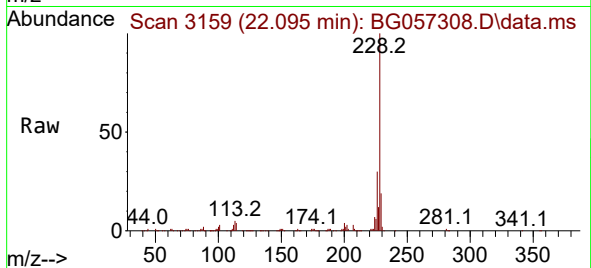
Tgt Ion:228 Resp: 218082

Ion Ratio Lower Upper

228 100

226 29.9 22.8 34.2

229 19.2 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 30.047 ng/ul

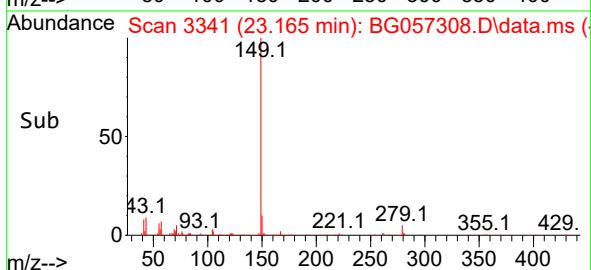
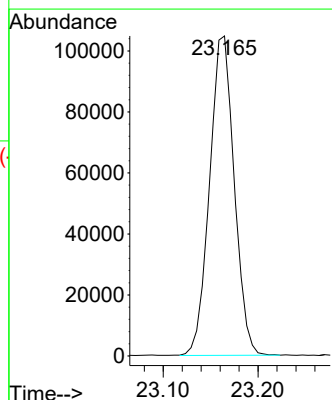
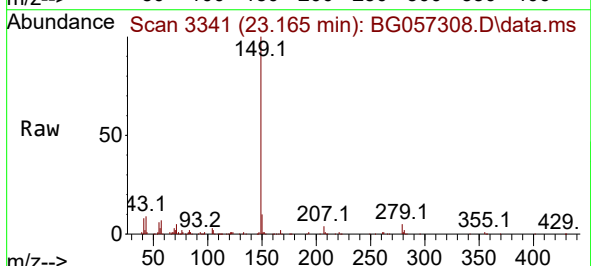
RT: 23.165 min Scan# 3341

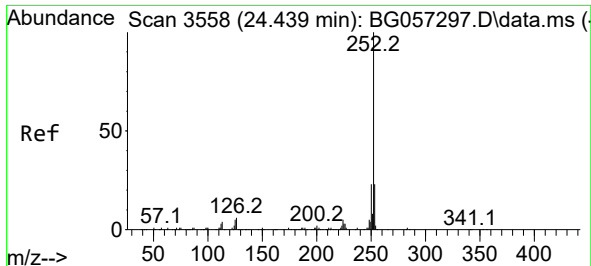
Delta R.T. -0.014 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Tgt Ion:149 Resp: 189259

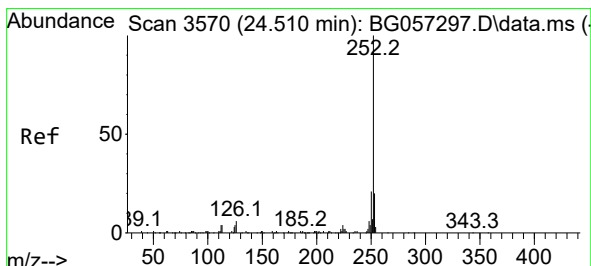
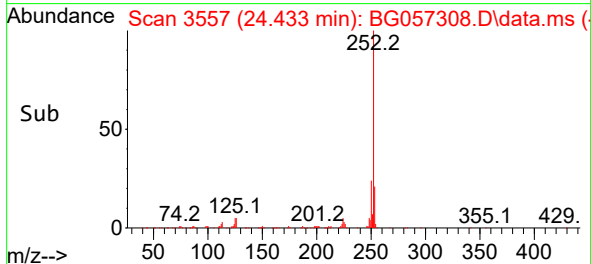
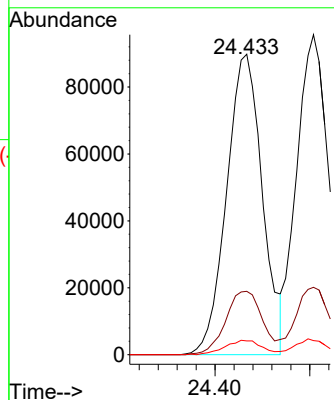
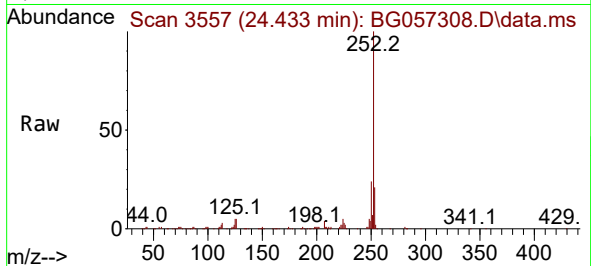




#90
Benzo(b)fluoranthene
Concen: 29.796 ng/ul
RT: 24.433 min Scan# 3557
Delta R.T. -0.002 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

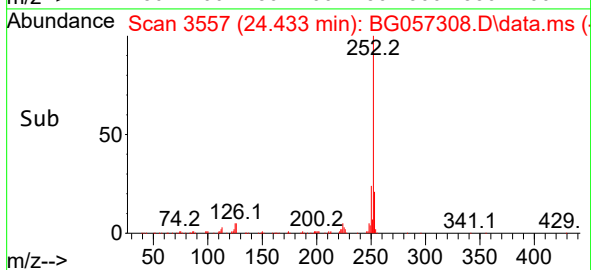
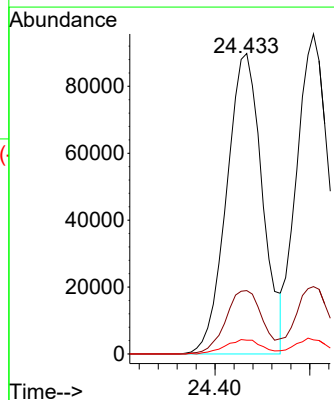
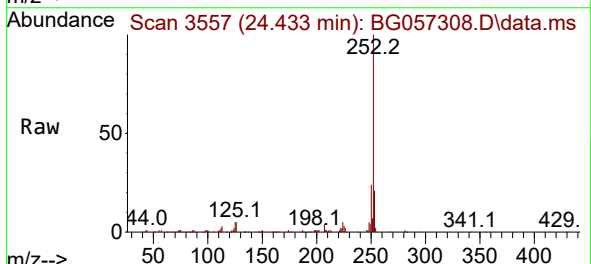
Instrument :
BNA_G
ClientSampleId :
SLCS587

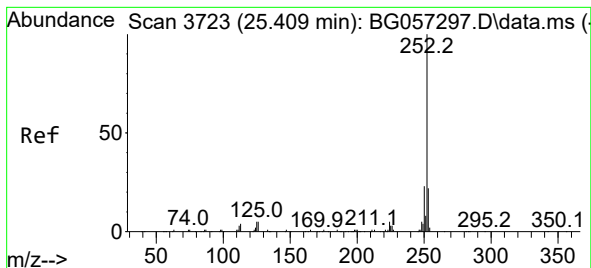
Tgt Ion:252 Resp: 235350
Ion Ratio Lower Upper
252 100
253 21.1 16.7 25.1
125 4.6 4.8 7.2#



#91
Benzo(k)fluoranthene
Concen: 30.626 ng/ul
RT: 24.433 min Scan# 3557
Delta R.T. -0.079 min
Lab File: BG057308.D
Acq: 4 May 2023 19:31

Tgt Ion:252 Resp: 235350
Ion Ratio Lower Upper
252 100
253 21.1 17.7 26.5
125 4.6 4.5 6.7





#93

Benzo(a)pyrene

Concen: 29.804 ng/ul

RT: 25.397 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

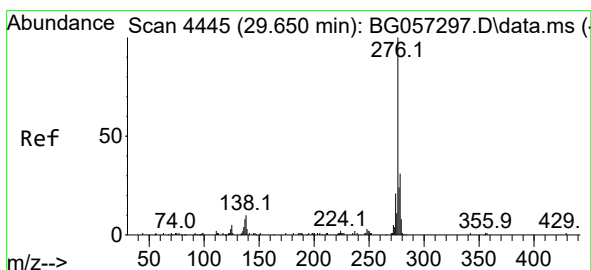
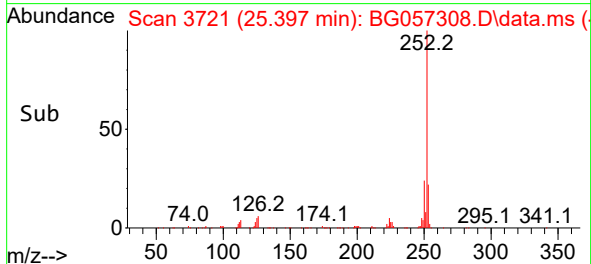
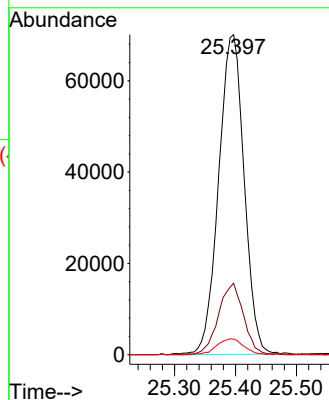
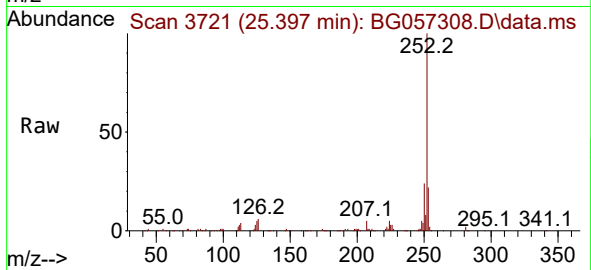
Tgt Ion:252 Resp: 203241

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

125 4.8 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 30.217 ng/ul

RT: 29.632 min Scan# 4442

Delta R.T. 0.009 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

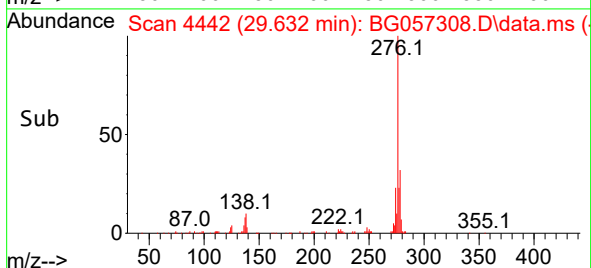
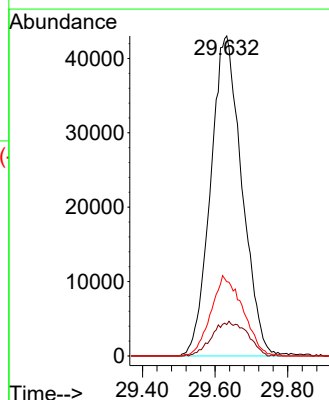
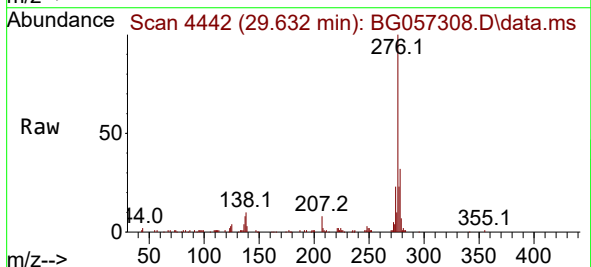
Tgt Ion:276 Resp: 257575

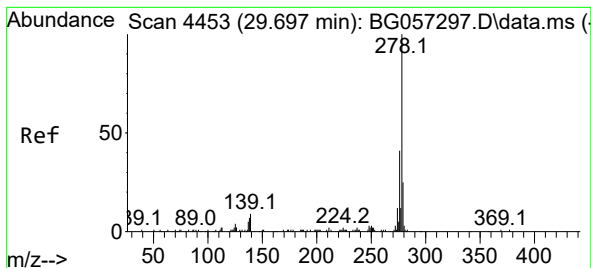
Ion Ratio Lower Upper

276 100

138 9.8 9.4 14.2

277 23.2 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 30.653 ng/ul

RT: 29.685 min Scan# 4451

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Instrument :

BNA_G

ClientSampleId :

SLCS587

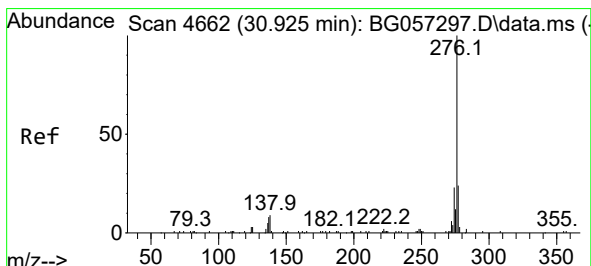
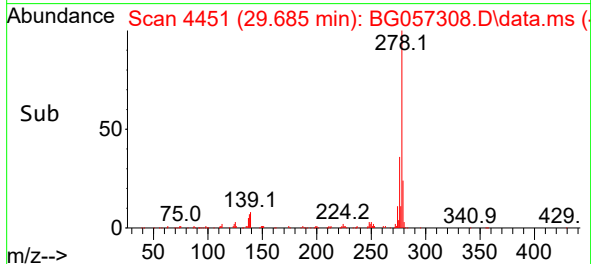
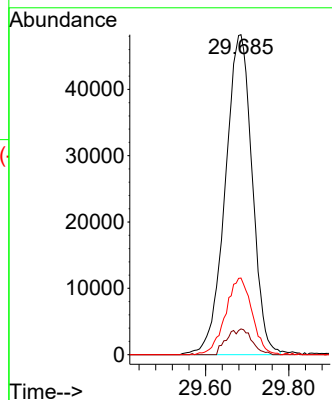
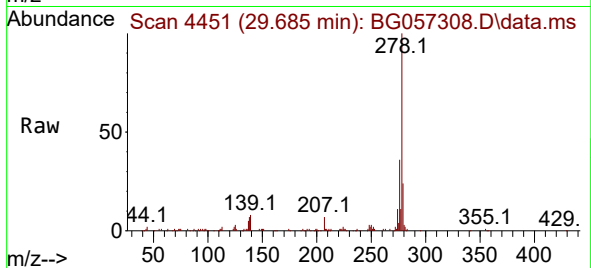
Tgt Ion:278 Resp: 216663

Ion Ratio Lower Upper

278 100

139 8.0 5.8 8.6

279 24.0 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 30.097 ng/ul

RT: 30.901 min Scan# 4658

Delta R.T. -0.008 min

Lab File: BG057308.D

Acq: 4 May 2023 19:31

Tgt Ion:276 Resp: 207632

Ion Ratio Lower Upper

276 100

138 10.5 8.7 13.1

277 22.5 18.4 27.6

