

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050423\
 Data File : BG057297.D
 Acq On : 4 May 2023 9:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020474

Quant Time: May 05 01:42:44 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	8.379	152	14938	20.000	ng/u1	0.00
20) Naphthalene-d8	11.216	136	62374	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.993	164	50216	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.731	188	122621	20.000	ng/u1	0.00
79) Chrysene-d12	22.049	240	99427	20.000	ng/u1	0.00
88) Perylene-d12	25.567	264	104215	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	2626	7.736	ng/uL	0.00
4) Pyridine-d5	4.090	84	18598	17.378	ng/u1	0.00
7) Phenol-d5	7.515	99	29091	20.592	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	15110	18.185	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	20211	21.710	ng/u1	0.00
15) 4-Methylphenol-d8	9.078	113	22482	20.939	ng/u1	0.00
21) Nitrobenzene-d5	9.554	128	10050	20.233	ng/u1	0.00
24) 2-Nitrophenol-d4	10.282	143	12282	21.187	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.828	165	26408	23.612	ng/u1	0.00
31) 4-Chloroaniline-d4	11.339	131	31293	21.111	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	80731	20.289	ng/u1	0.00
49) Acenaphthylene-d8	14.688	160	98385	22.000	ng/u1	0.00
54) 4-Nitrophenol-d4	15.181	143	10256	17.708	ng/u1	0.00
60) Fluorene-d10	15.980	176	80529	21.725	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	10225	14.074	ng/u1	0.00
73) Anthracene-d10	17.831	188	126022	22.516	ng/u1	0.00
81) Pyrene-d10	20.098	212	136745	23.171	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.326	264	114684	21.600	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.691	88	2811	7.808	ng/uL#	74
5) Pyridine	4.114	79	20726	18.372	ng/u1#	87
6) Benzaldehyde	7.503	77	9408	21.805	ng/u1	91
8) Phenol	7.545	94	28933	20.320	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.774	93	19653	18.442	ng/u1	94
12) 2-Chlorophenol	7.938	128	21447	21.933	ng/u1	94
13) 2-Methylphenol	8.813	108	22201	20.119	ng/u1	85
14) 2,2'-oxybis(1-Chloropr...	8.896	45	24169	17.591	ng/u1#	93
16) Acetophenone	9.207	105	36377	19.689	ng/u1	93
17) N-Nitroso-di-n-propyla...	9.178	70	18838	17.743	ng/u1	94
18) 4-Methylphenol	9.148	108	24840	20.797	ng/u1	98
19) Hexachloroethane	9.477	117	8711	21.292	ng/u1	95
22) Nitrobenzene	9.601	77	30041	20.310	ng/u1	99
23) Isophorone	10.118	82	54333	19.307	ng/u1	98
25) 2-Nitrophenol	10.317	139	12719	21.662	ng/u1	92
26) 2,4-Dimethylphenol	10.358	107	29173	21.902	ng/u1	94
27) Bis(2-Chloroethoxy)met...	10.588	93	27902	19.073	ng/u1#	91
29) 2,4-Dichlorophenol	10.858	162	24846	23.405	ng/u1	97
30) Naphthalene	11.269	128	74038	21.619	ng/u1	99
32) 4-Chloroaniline	11.369	127	33153	21.465	ng/u1	99
33) Hexachlorobutadiene	11.533	225	20352	22.604	ng/u1	96
34) Caprolactam	12.115	113	7757	21.705	ng/u1	92
35) 4-Chloro-3-methylphenol	12.467	107	27531	22.540	ng/u1	94
36) 2-Methylnaphthalene	12.843	142	56054	22.319	ng/u1	98

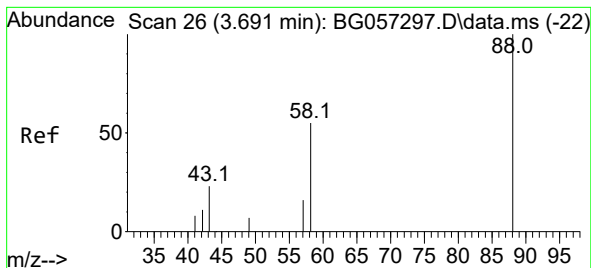
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.061	142	56742	22.469	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	13.208	216	41417	22.696	ng/ul	97
40) Hexachlorocyclopentadiene	13.172	237	9331	10.246	ng/ul	94
41) 2,4,6-Trichlorophenol	13.443	196	24200	22.770	ng/ul	98
42) 2,4,5-Trichlorophenol	13.519	196	26219	22.977	ng/ul	90
43) 1,1'-Biphenyl	13.830	154	82173	21.446	ng/ul	99
44) 2-Chloronaphthalene	13.877	162	65367	22.002	ng/ul	98
45) 2-Nitroaniline	14.077	65	19245	21.457	ng/ul	95
47) Dimethylphthalate	14.424	163	82069	20.539	ng/ul	99
48) 2,6-Dinitrotoluene	14.553	165	17739	21.572	ng/ul	93
50) Acenaphthylene	14.717	152	100005	22.006	ng/ul	99
51) 3-Nitroaniline	14.888	138	14116	24.227	ng/ul	98
52) Acenaphthene	15.058	153	70748	21.850	ng/ul	98
53) 2,4-Dinitrophenol	15.111	184	4167	9.516	ng/ul#	87
55) 4-Nitrophenol	15.199	109	11309	17.225	ng/ul	95
56) Dibenzofuran	15.387	168	102965	22.021	ng/ul	100
57) 2,4-Dinitrotoluene	15.346	165	25175	21.386	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.616	232	22988	22.171	ng/ul	96
59) Diethylphthalate	15.769	149	83259	20.510	ng/ul	99
61) Fluorene	16.033	166	86343	21.838	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.010	204	50454	21.863	ng/ul	98
63) 4-Nitroaniline	16.045	138	10511	19.050	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.110	198	10656	14.394	ng/ul#	94
67) N-Nitrosodiphenylamine	16.221	169	71376	22.283	ng/ul	99
68) 4-Bromophenyl-phenylether	16.903	248	32932	22.470	ng/ul	92
69) Hexachlorobenzene	17.038	284	35555	23.038	ng/ul	94
70) Atrazine	17.155	200	32245	22.651	ng/ul	98
71) Pentachlorophenol	17.390	266	10802	15.142	ng/ul	96
72) Phenanthrene	17.772	178	142408	22.302	ng/ul	100
74) Anthracene	17.866	178	142987	22.292	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.807	216	43650	23.667	ng/ul	95
76) Pentachlorobenzene	15.311	250	43866	23.366	ng/ul	98
77) Carbazole	18.130	167	120095	22.404	ng/ul	99
78) Di-n-butylphthalate	18.647	149	135886	22.169	ng/ul	99
80) Fluoranthene	19.763	202	165894	23.664	ng/ul	98
82) Pyrene	20.128	202	161862	22.807	ng/ul#	97
83) Butylbenzylphthalate	20.974	149	52393	23.052	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.919	252	51920	23.513	ng/ul	99
85) Benzo(a)anthracene	22.025	228	153566	21.838	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.866	149	74181	22.441	ng/ul	95
87) Chrysene	22.096	228	145962	22.001	ng/ul	99
89) Di-n-octyl phthalate	23.171	149	126006	21.895	ng/ul	100
90) Benzo(b)fluoranthene	24.439	252	154615	21.424	ng/ul	96
91) Benzo(k)fluoranthene	24.510	252	154190	21.961	ng/ul	96
93) Benzo(a)pyrene	25.409	252	135687	21.778	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.650	276	163179	20.952	ng/ul	98
95) Dibenzo(a,h)anthracene	29.697	278	137549	21.299	ng/ul#	96
96) Benzo(g,h,i)perylene	30.925	276	120237	19.076	ng/ul	98

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



#2

1,4-Dioxane

Concen: 7.808 ng/uL

RT: 3.691 min Scan# 2

Delta R.T. -0.008 min

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SSTD020474

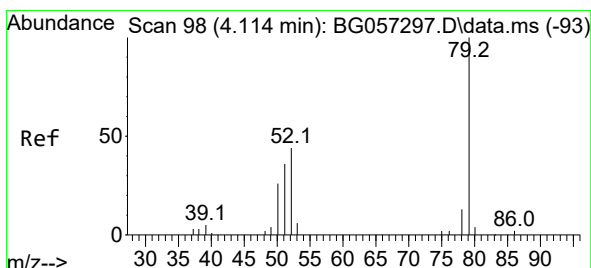
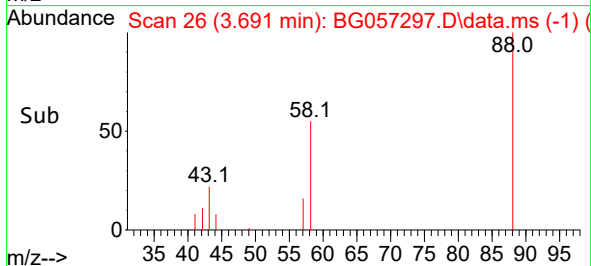
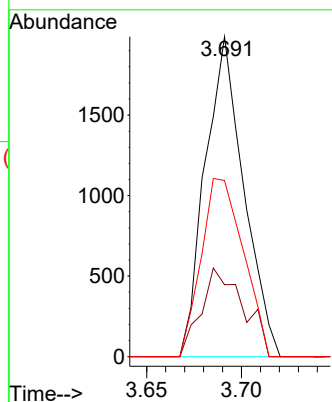
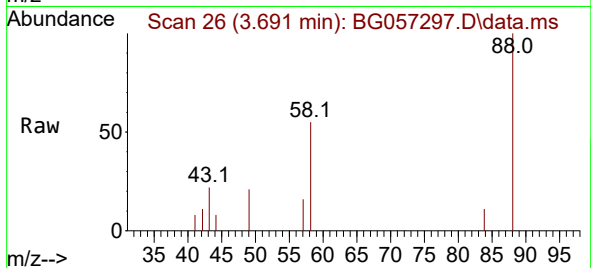
Tgt Ion: 88 Resp: 2811

Ion Ratio Lower Upper

88 100

43 22.5 28.2 42.4#

58 55.1 63.3 94.9#



#5

Pyridine

Concen: 18.372 ng/uL

RT: 4.114 min Scan# 98

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

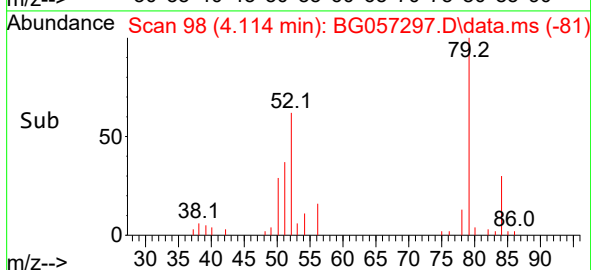
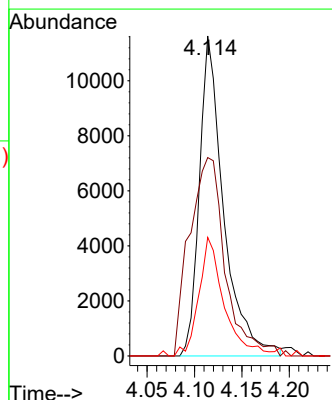
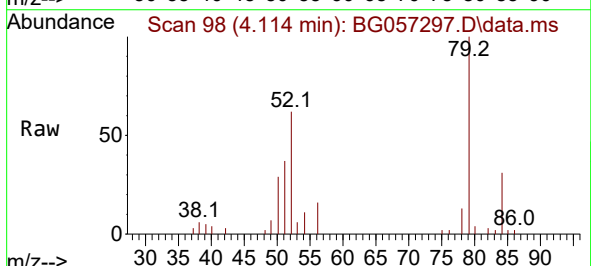
Tgt Ion: 79 Resp: 20726

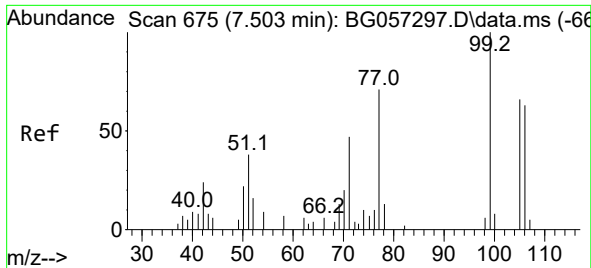
Ion Ratio Lower Upper

79 100

52 62.0 62.4 93.6#

51 37.0 29.0 43.4

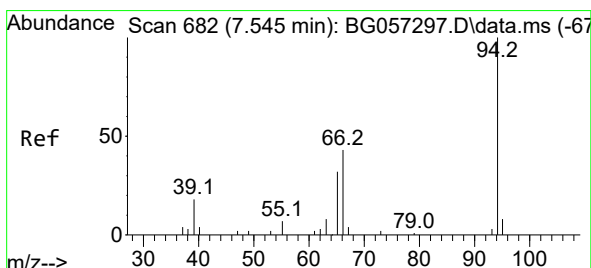
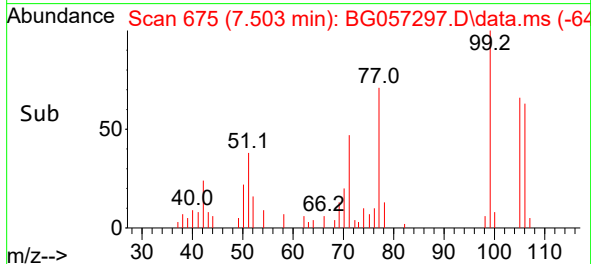
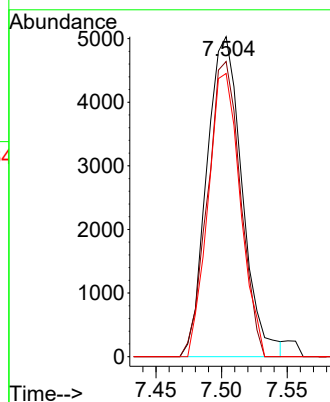
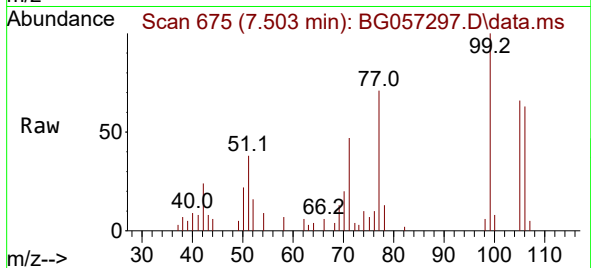




#6
Benzaldehyde
Concen: 21.805 ng/ul
RT: 7.503 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

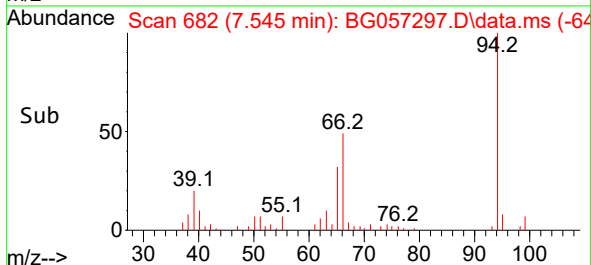
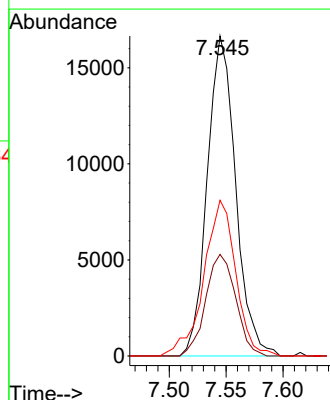
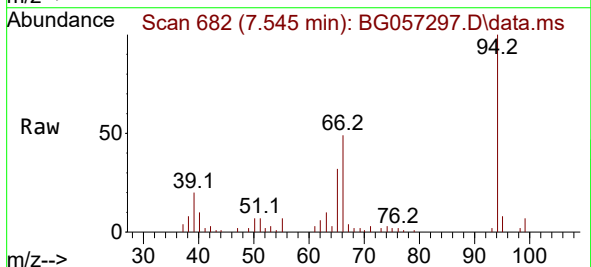
Instrument :
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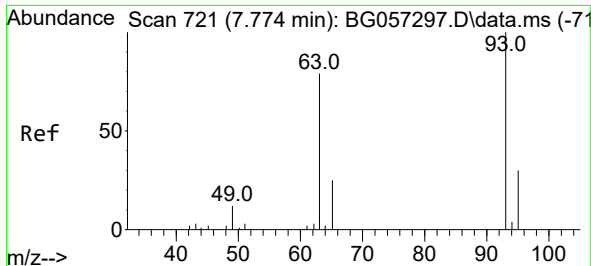
Tgt Ion: 77 Resp: 9408
Ion Ratio Lower Upper
77 100
105 92.2 79.8 119.6
106 88.5 78.7 118.1



#8
Phenol
Concen: 20.320 ng/ul
RT: 7.545 min Scan# 682
Delta R.T. 0.003 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion: 94 Resp: 28933
Ion Ratio Lower Upper
94 100
65 31.8 25.5 38.3
66 48.7 36.9 55.3

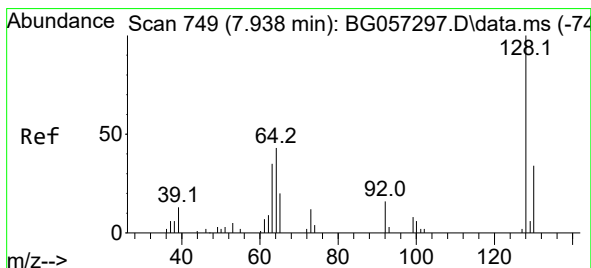
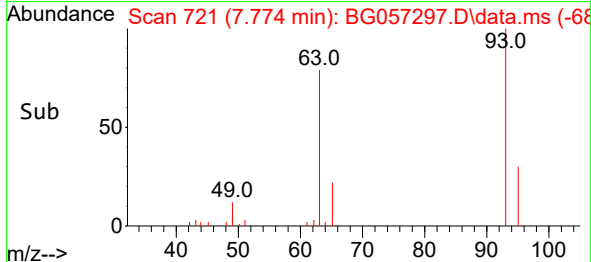
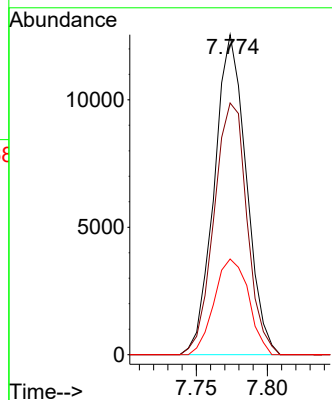
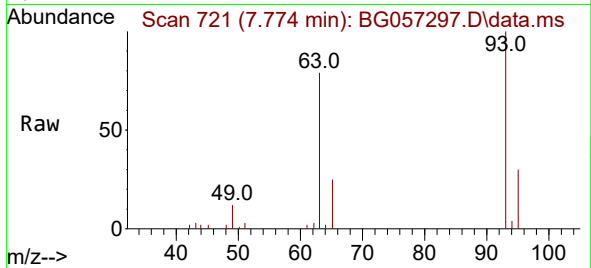




#10
Bis(2-Chloroethyl)ether
Concen: 18.442 ng/ul
RT: 7.774 min Scan# 721
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

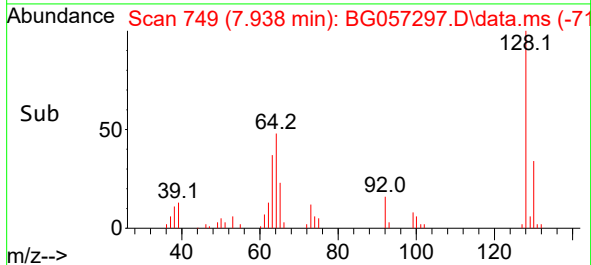
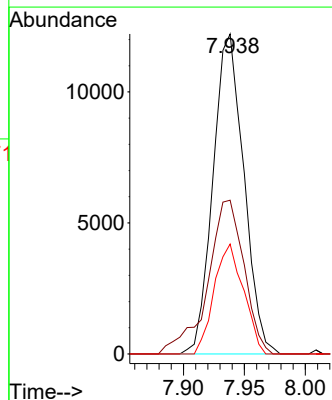
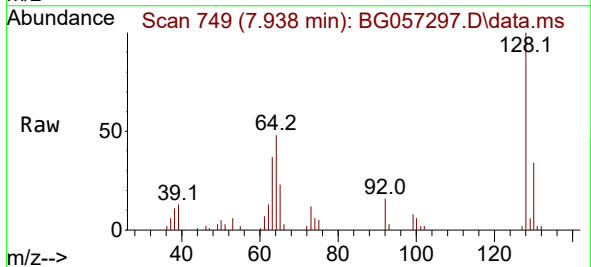
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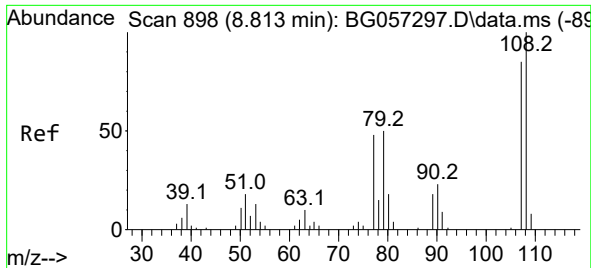
Tgt Ion: 93 Resp: 19653
Ion Ratio Lower Upper
93 100
63 78.7 67.2 100.8
95 29.9 26.3 39.5



#12
2-Chlorophenol
Concen: 21.933 ng/ul
RT: 7.938 min Scan# 749
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:128 Resp: 21447
Ion Ratio Lower Upper
128 100
64 48.1 41.3 61.9
130 34.4 24.6 37.0

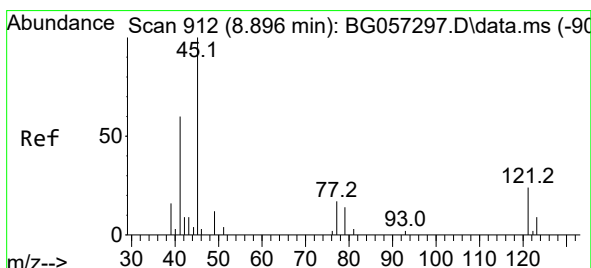
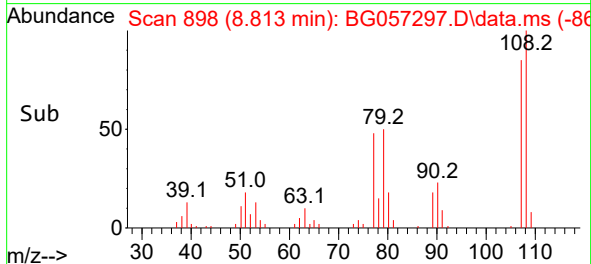
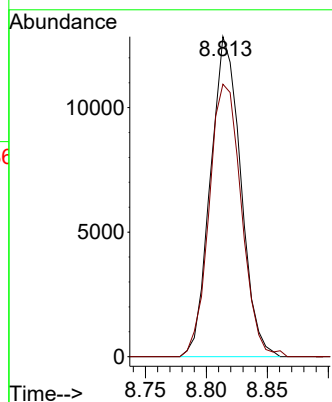
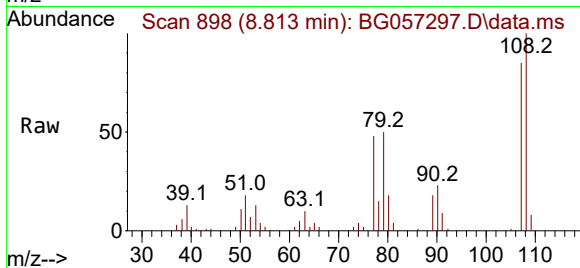




#13
2-Methylphenol
Concen: 20.119 ng/ul
RT: 8.813 min Scan# 898
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

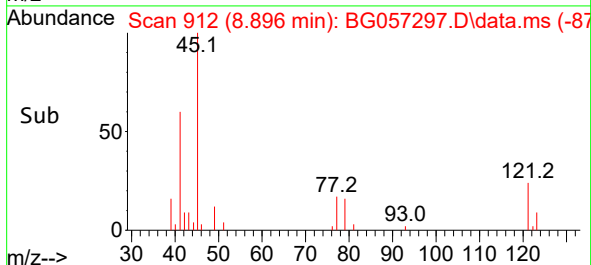
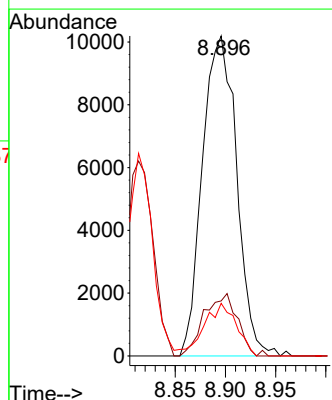
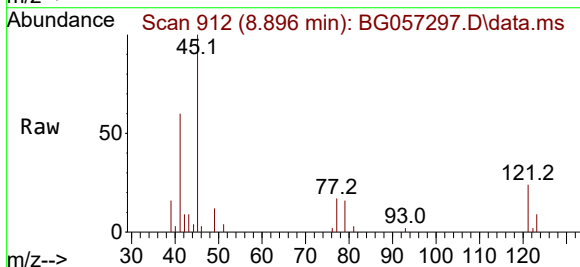
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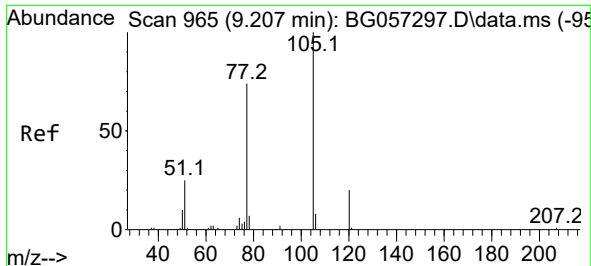
Tgt Ion:108 Resp: 22201
Ion Ratio Lower Upper
108 100
107 85.2 80.0 120.0



#14
2,2'-oxybis(1-Chloropropane)
Concen: 17.591 ng/ul
RT: 8.896 min Scan# 912
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion: 45 Resp: 24169
Ion Ratio Lower Upper
45 100
77 17.2 12.9 19.3
79 16.4 8.9 13.3#

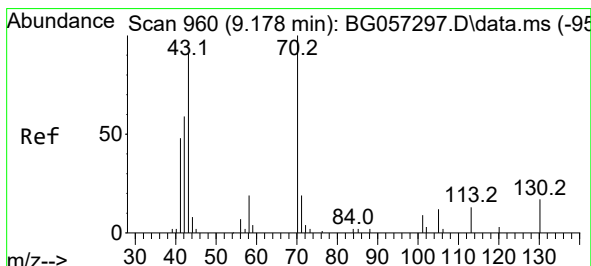
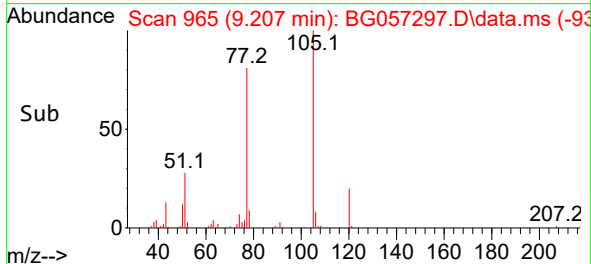
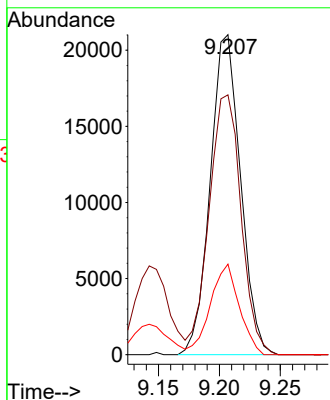
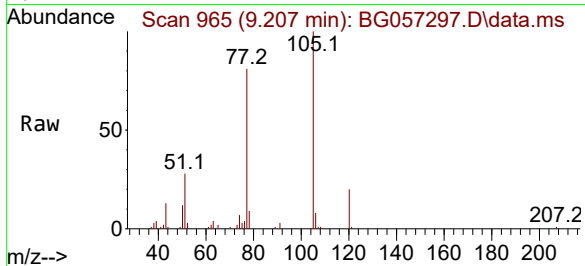




#16
Acetophenone
Concen: 19.689 ng/ul
RT: 9.207 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057297.D
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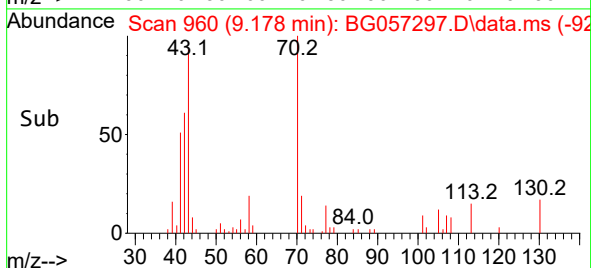
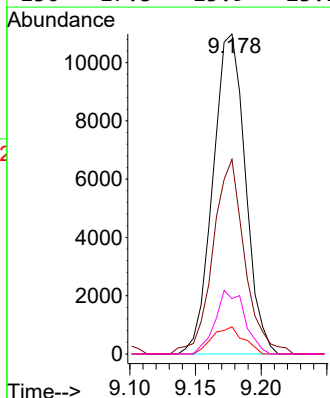
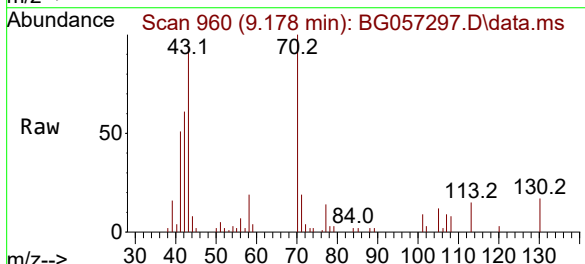
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ClientSampleId :
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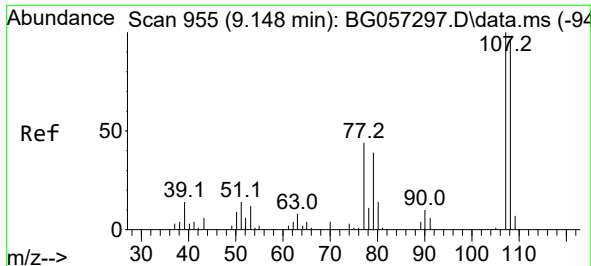
Tgt Ion:105 Resp: 36377
Ion Ratio Lower Upper
105 100
77 81.2 70.6 105.8
51 28.3 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 17.743 ng/ul
RT: 9.178 min Scan# 960
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion: 70 Resp: 18838
Ion Ratio Lower Upper
70 100
42 60.8 45.0 67.4
101 8.5 6.5 9.7
130 17.3 15.9 23.9

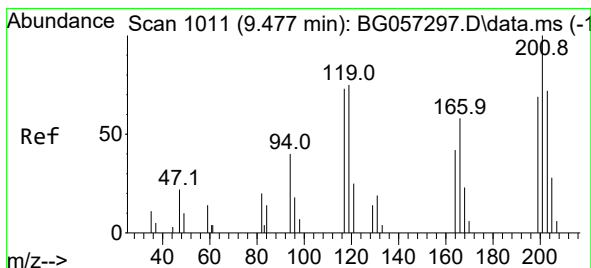
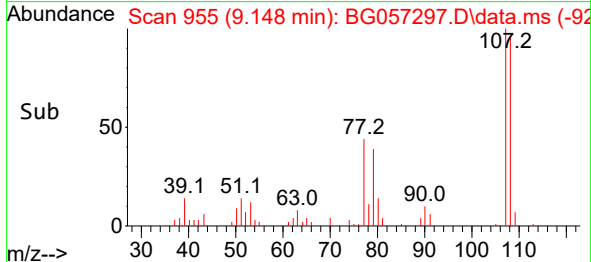
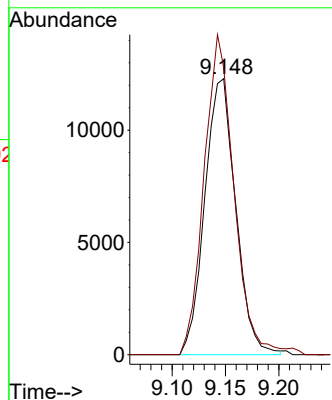
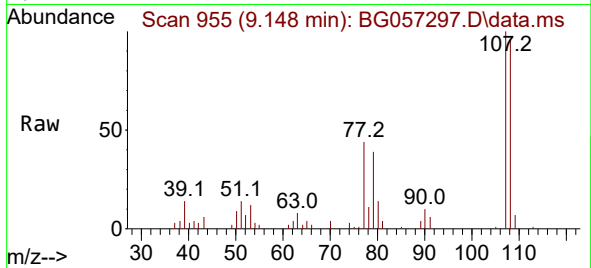




#18
4-Methylphenol
Concen: 20.797 ng/ul
RT: 9.148 min Scan# 911
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

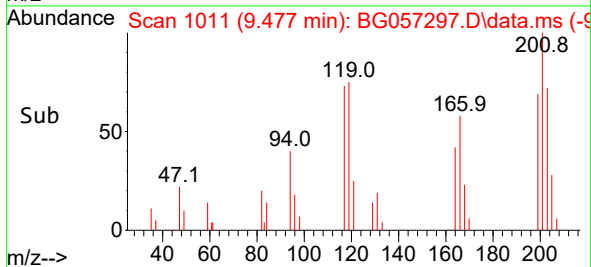
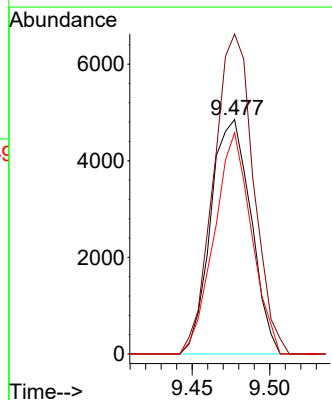
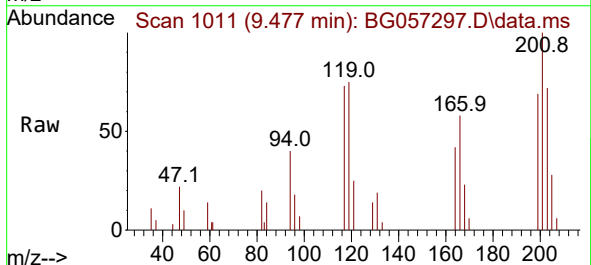
Instrument :
BNA_G
ClientSampleId :
SSTD020474

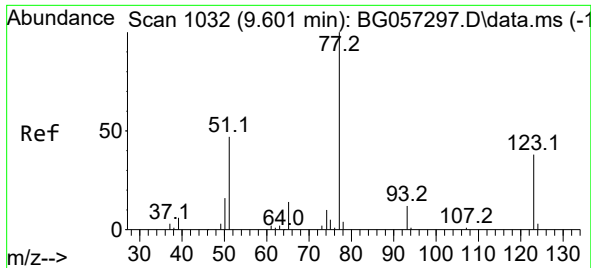
Tgt Ion:108 Resp: 24840
Ion Ratio Lower Upper
108 100
107 104.0 85.1 127.7



#19
Hexachloroethane
Concen: 21.292 ng/ul
RT: 9.477 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:117 Resp: 8711
Ion Ratio Lower Upper
117 100
201 136.6 109.4 164.2
199 94.4 65.4 98.2

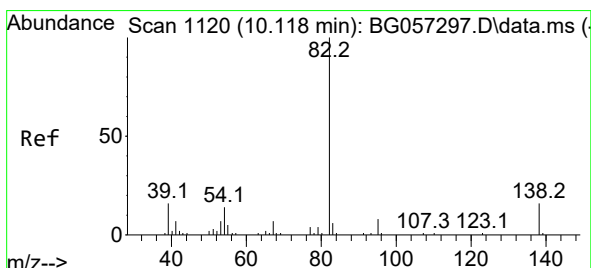
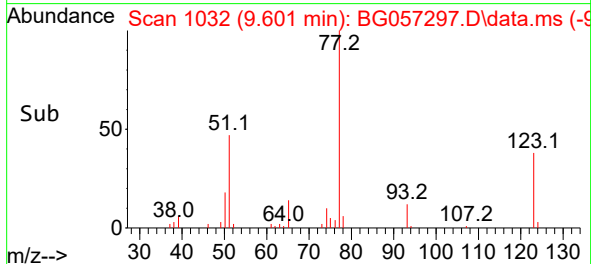
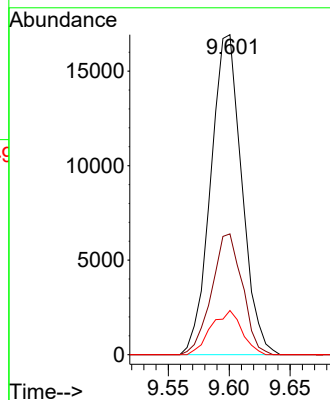
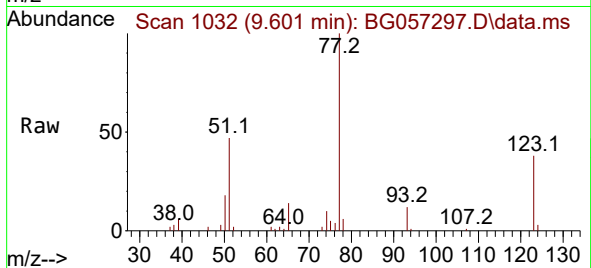




#22
Nitrobenzene
Concen: 20.310 ng/ul
RT: 9.601 min Scan# 110
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

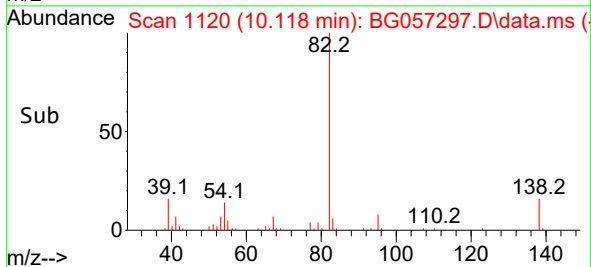
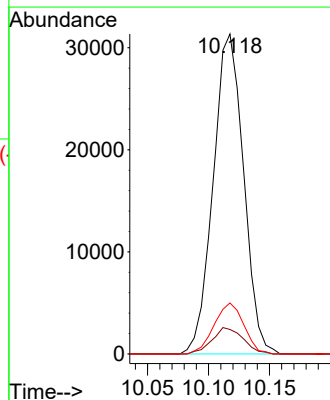
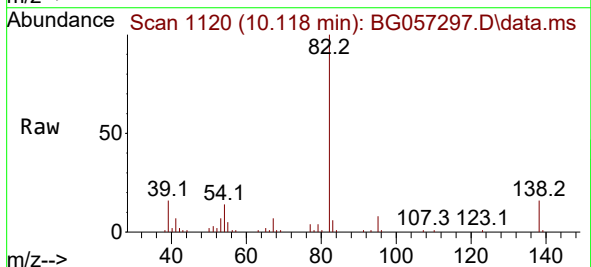
Instrument :
BNA_G
ClientSampleId :
SSTD020474

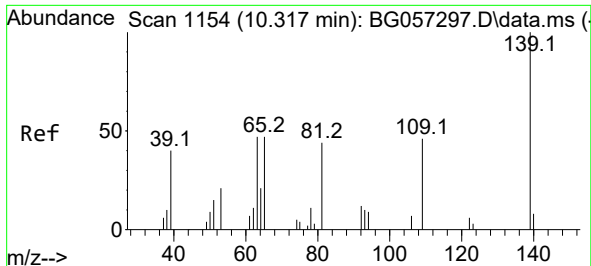
Tgt Ion: 77 Resp: 30041
Ion Ratio Lower Upper
77 100
123 37.7 29.6 44.4
65 13.8 11.4 17.0



#23
Isophorone
Concen: 19.307 ng/ul
RT: 10.118 min Scan# 1120
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion: 82 Resp: 54333
Ion Ratio Lower Upper
82 100
95 7.6 6.8 10.2
138 15.9 12.2 18.2

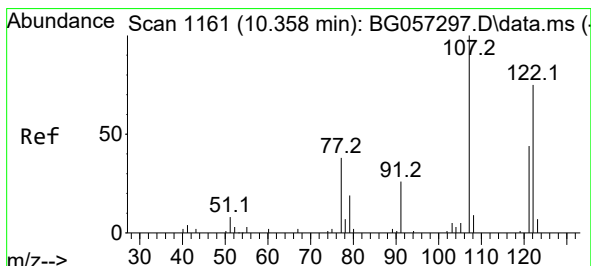
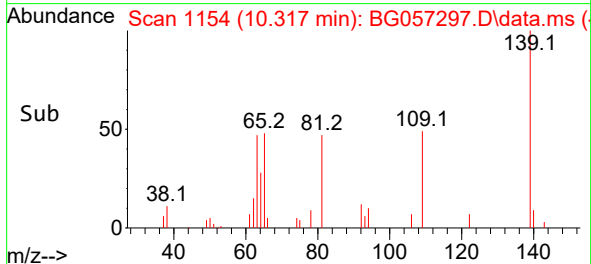
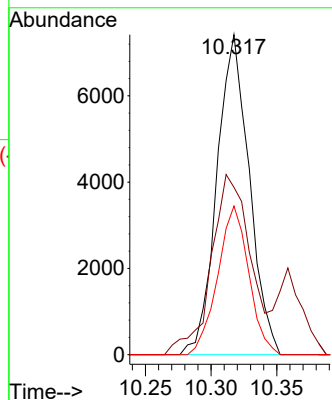
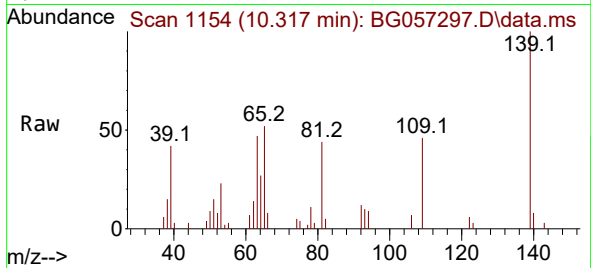




#25
2-Nitrophenol
Concen: 21.662 ng/ul
RT: 10.317 min Scan# 1154
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

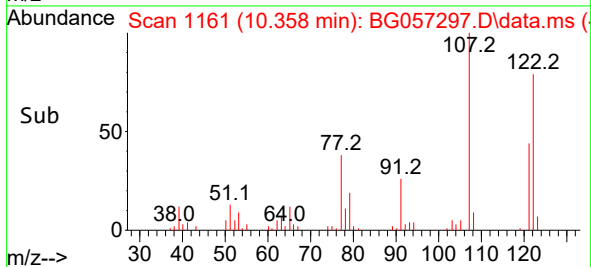
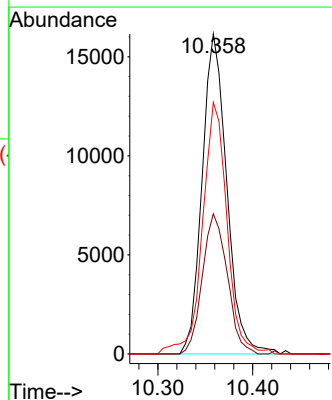
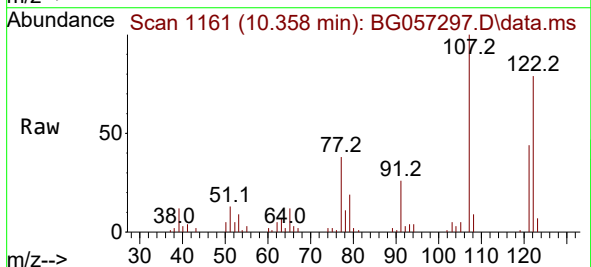
Instrument :
BNA_G
ClientSampleId :
SSTD020474

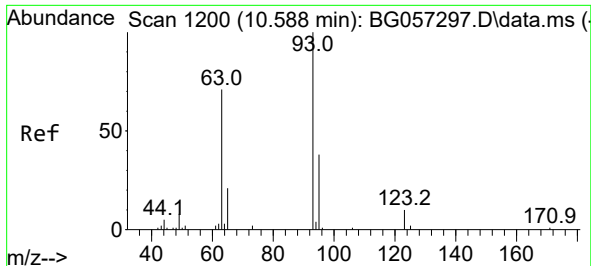
Tgt Ion:139 Resp: 12719
Ion Ratio Lower Upper
139 100
65 52.3 48.7 73.1
109 46.4 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.902 ng/ul
RT: 10.358 min Scan# 1161
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:107 Resp: 29173
Ion Ratio Lower Upper
107 100
121 43.8 35.4 53.0
122 78.6 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 19.073 ng/ul

RT: 10.588 min Scan# 1200

Delta R.T. -0.008 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

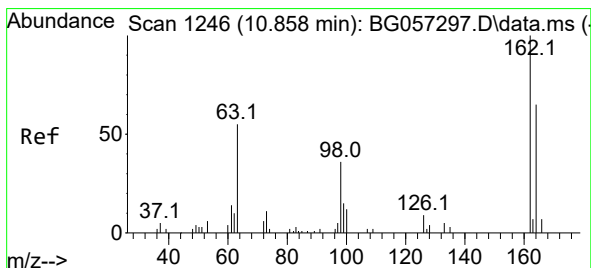
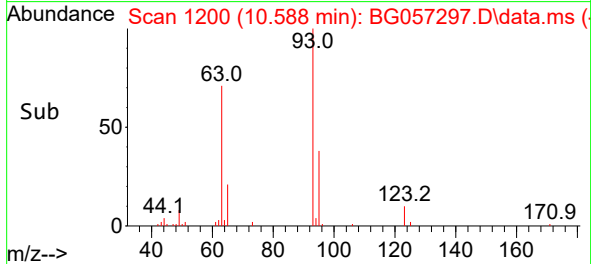
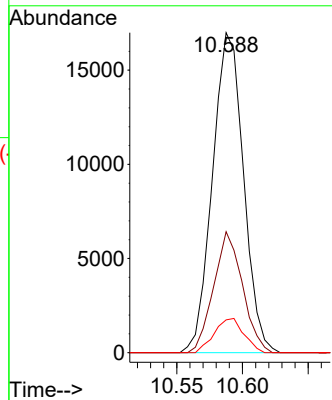
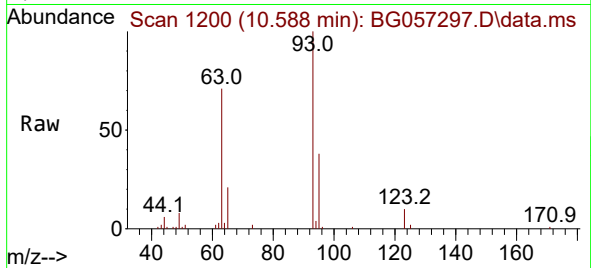
Tgt Ion: 93 Resp: 27902

Ion Ratio Lower Upper

93 100

95 37.8 24.8 37.2#

123 10.3 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.405 ng/ul

RT: 10.858 min Scan# 1246

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

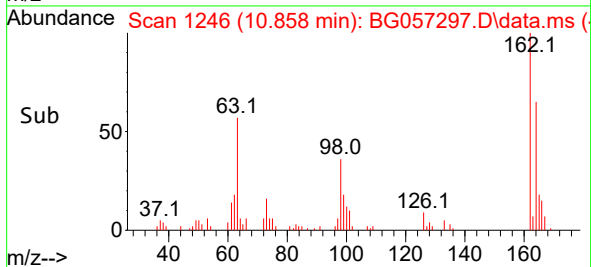
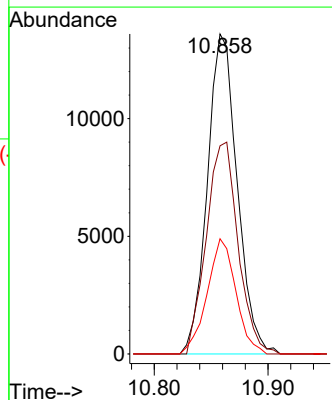
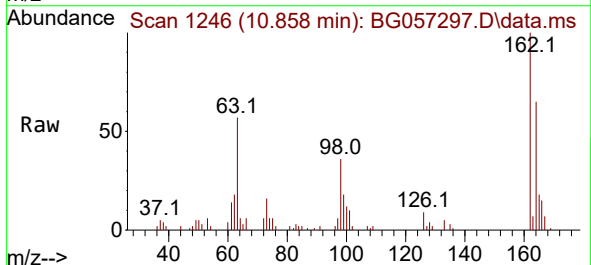
Tgt Ion:162 Resp: 24846

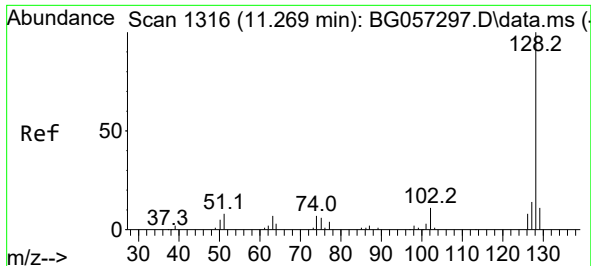
Ion Ratio Lower Upper

162 100

164 65.1 50.5 75.7

98 36.0 27.5 41.3

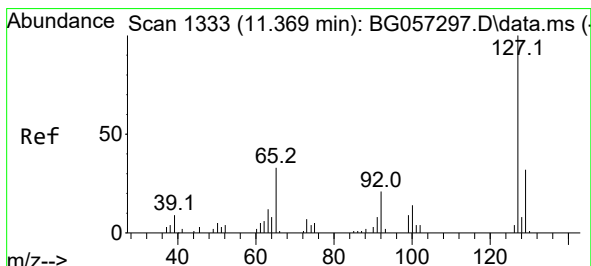
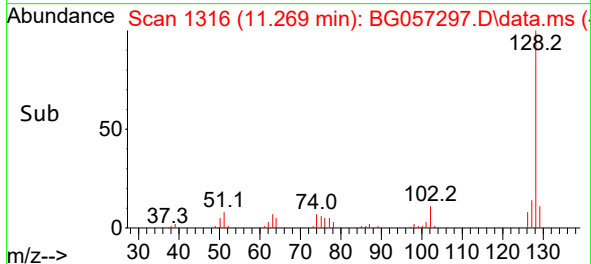
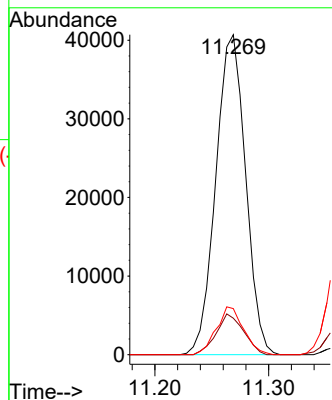
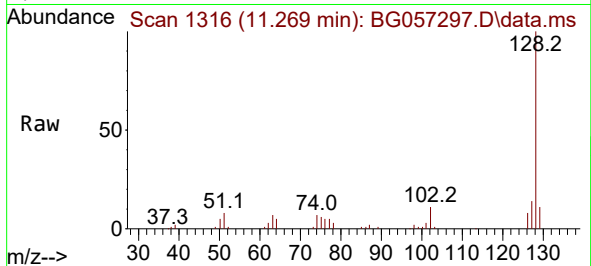




#30
Naphthalene
Concen: 21.619 ng/ul
RT: 11.269 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

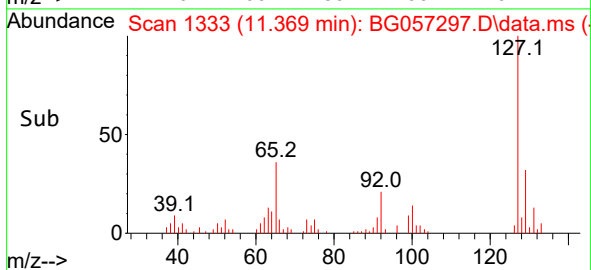
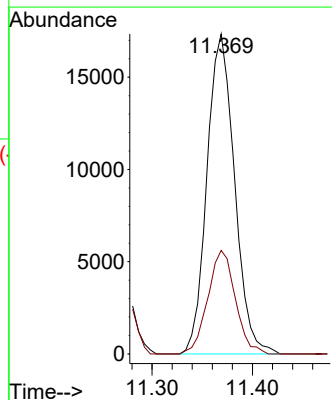
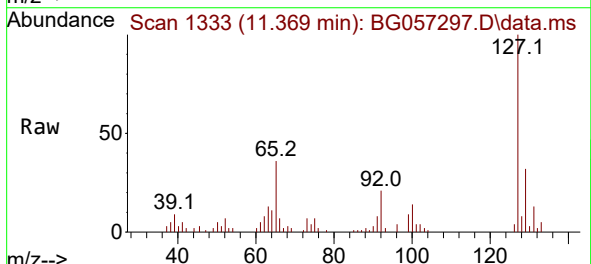
Instrument :
BNA_G
ClientSampleId :
SSTD020474

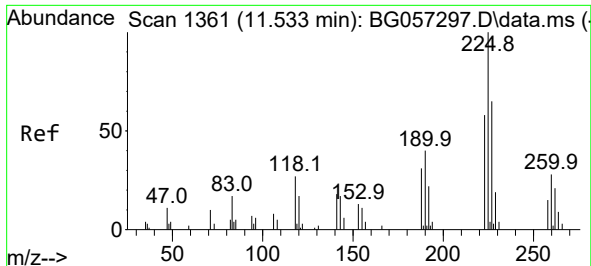
Tgt Ion:128 Resp: 74038
Ion Ratio Lower Upper
128 100
129 11.4 8.5 12.7
127 14.4 11.4 17.0



#32
4-Chloroaniline
Concen: 21.465 ng/ul
RT: 11.369 min Scan# 1333
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:127 Resp: 33153
Ion Ratio Lower Upper
127 100
129 32.4 25.4 38.0

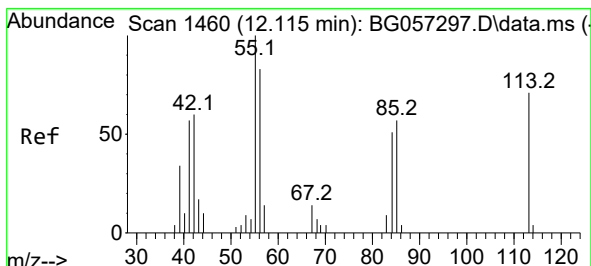
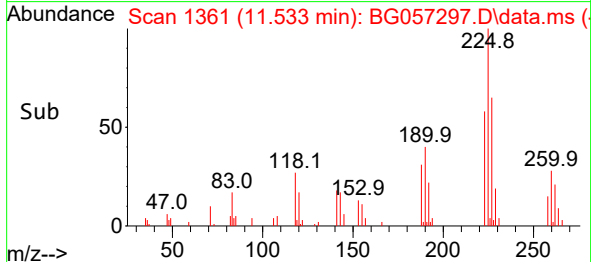
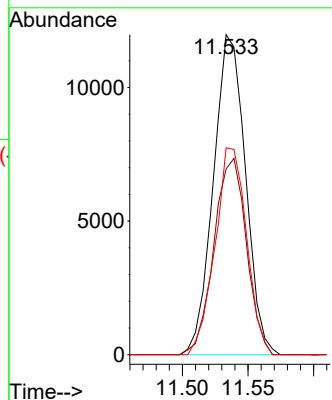
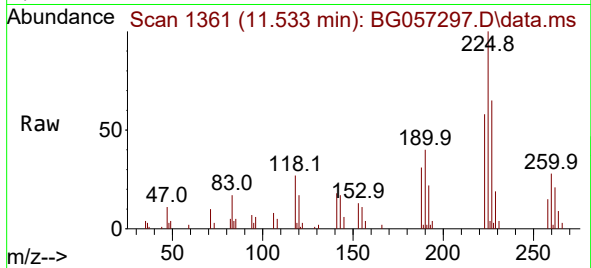




#33
Hexachlorobutadiene
Concen: 22.604 ng/ul
RT: 11.533 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

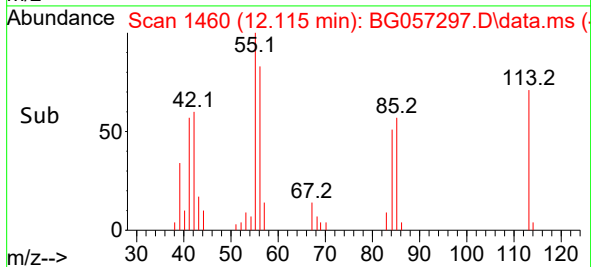
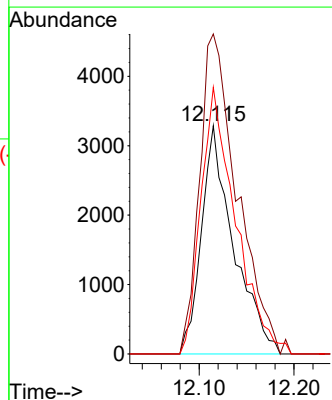
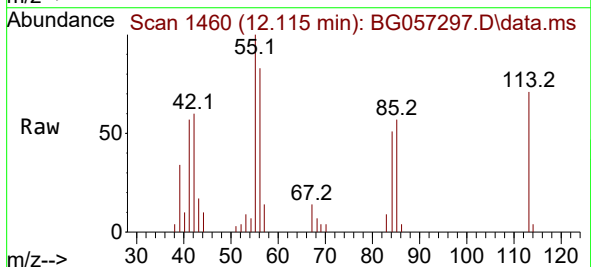
Instrument :
BNA_G
ClientSampleId :
SSTD020474

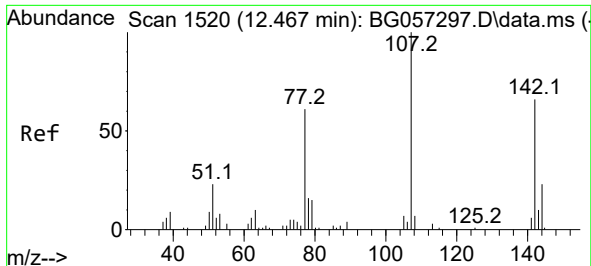
Tgt Ion:225 Resp: 20352
Ion Ratio Lower Upper
225 100
223 58.1 47.5 71.3
227 64.7 48.4 72.6



#34
Caprolactam
Concen: 21.705 ng/ul
RT: 12.115 min Scan# 1460
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:113 Resp: 7757
Ion Ratio Lower Upper
113 100
55 140.2 123.1 184.7
56 116.8 98.7 148.1

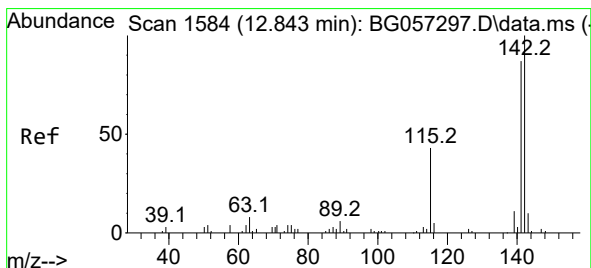
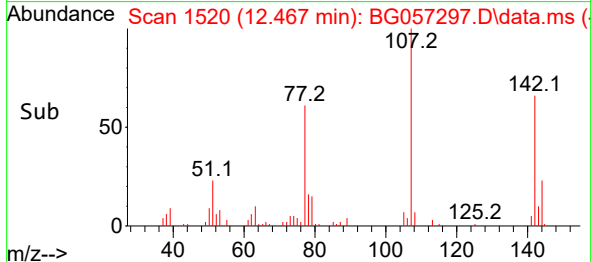
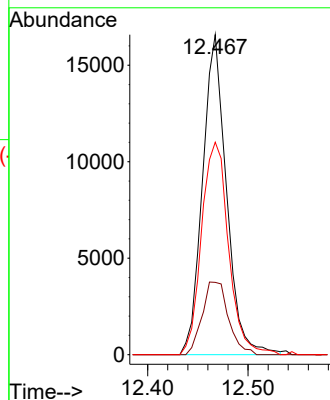
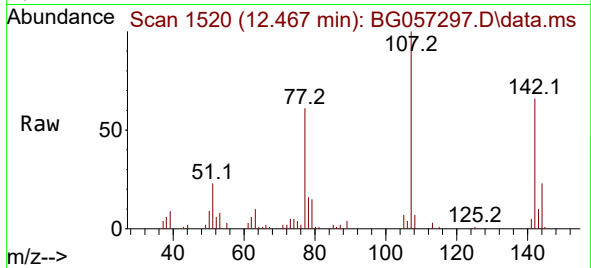




#35
4-Chloro-3-methylphenol
Concen: 22.540 ng/ul
RT: 12.467 min Scan# 1520
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

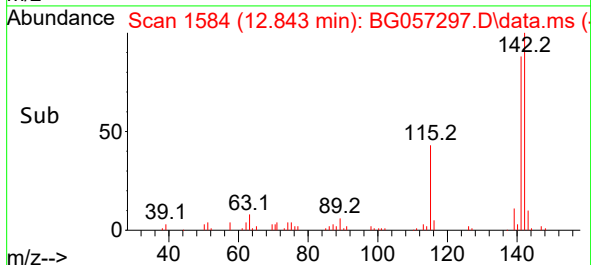
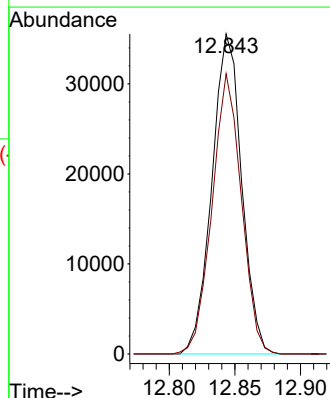
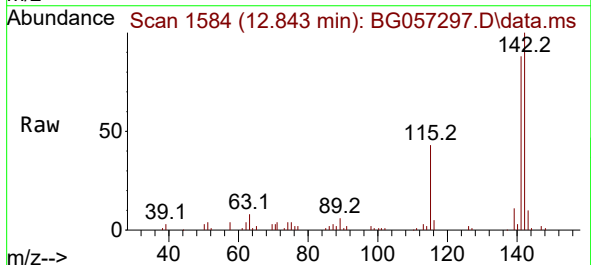
Instrument :
BNA_G
ClientSampleId :
SSTD020474

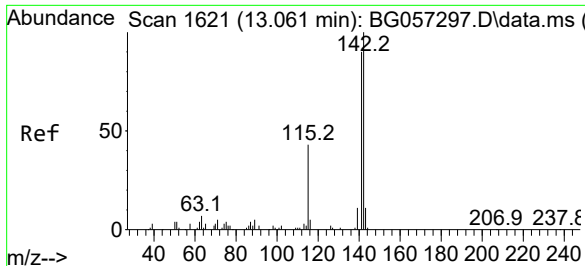
Tgt Ion:107 Resp: 27531
Ion Ratio Lower Upper
107 100
144 22.6 18.3 27.5
142 66.4 58.6 88.0



#36
2-Methylnaphthalene
Concen: 22.319 ng/ul
RT: 12.843 min Scan# 1584
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:142 Resp: 56054
Ion Ratio Lower Upper
142 100
141 87.5 68.7 103.1

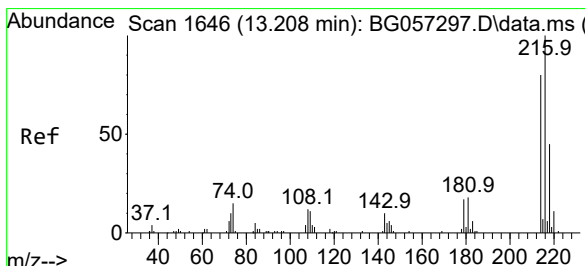
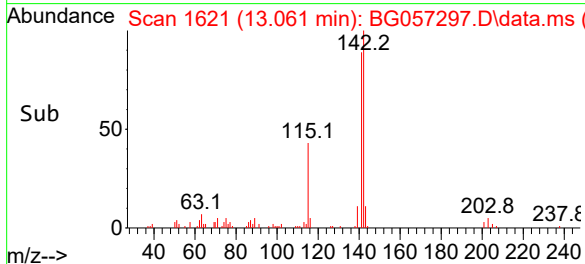
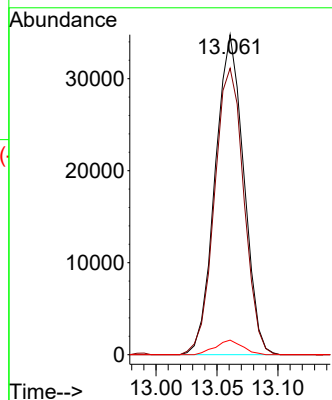
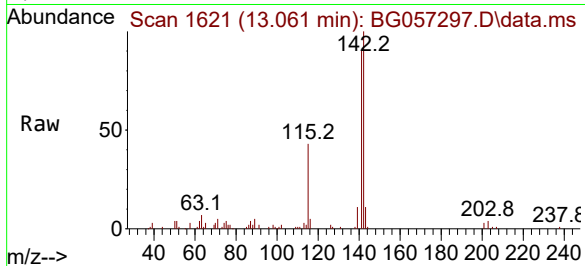




#37
1-Methylnaphthalene
Concen: 22.469 ng/ul
RT: 13.061 min Scan# 1621
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

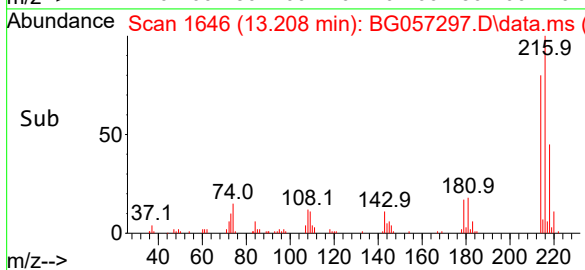
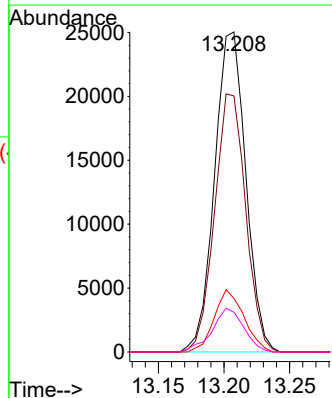
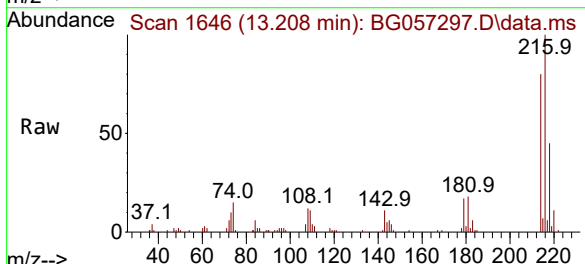
Instrument :
BNA_G
ClientSampleId :
SSTD020474

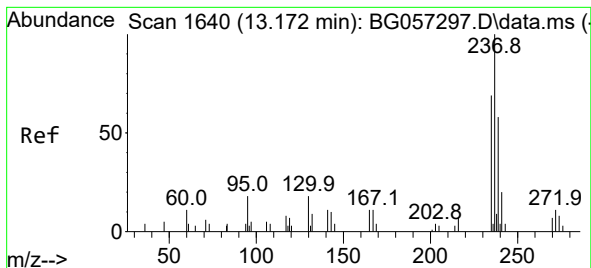
Tgt Ion:142 Resp: 56742
Ion Ratio Lower Upper
142 100
141 89.5 72.9 109.3
116 4.6 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 22.696 ng/ul
RT: 13.208 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:216 Resp: 41417
Ion Ratio Lower Upper
216 100
214 80.0 62.9 94.3
179 16.7 15.3 22.9
108 12.4 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 10.246 ng/ul

RT: 13.172 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

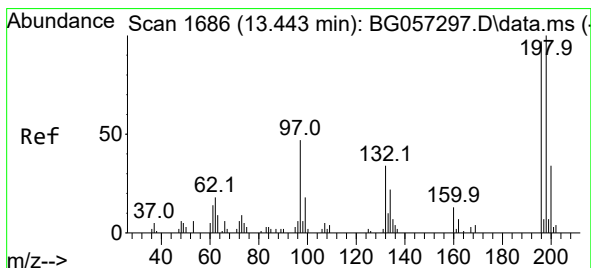
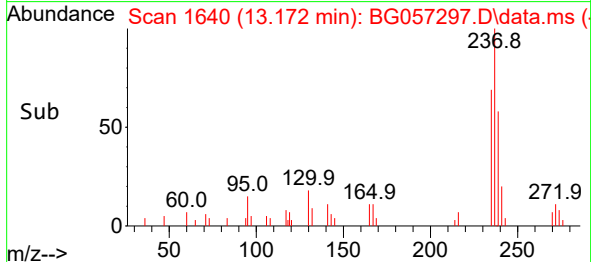
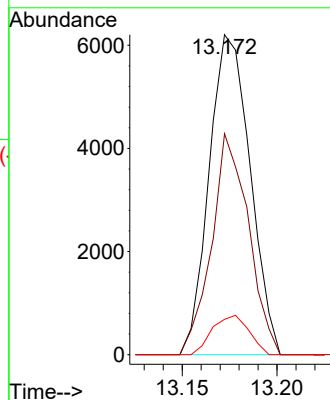
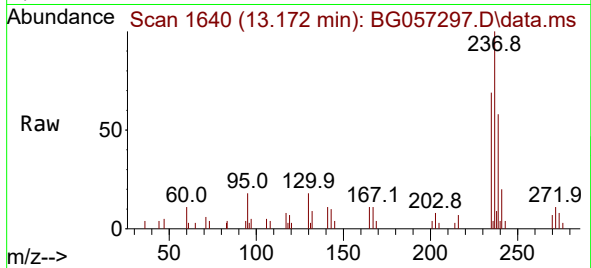
Tgt Ion:237 Resp: 9331

Ion Ratio Lower Upper

237 100

235 69.1 51.4 77.0

272 11.1 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 22.770 ng/ul

RT: 13.443 min Scan# 1686

Delta R.T. 0.003 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

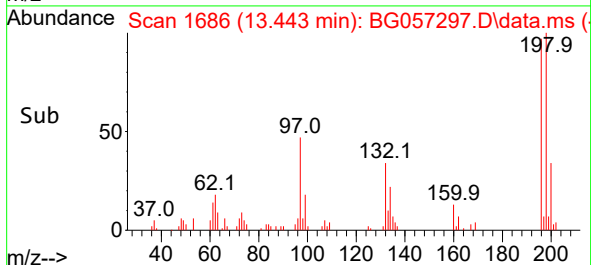
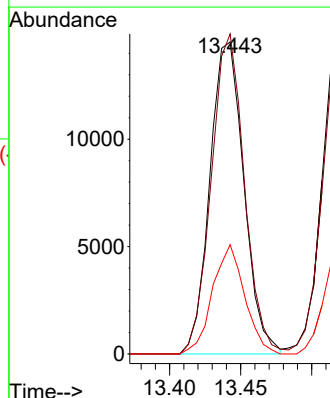
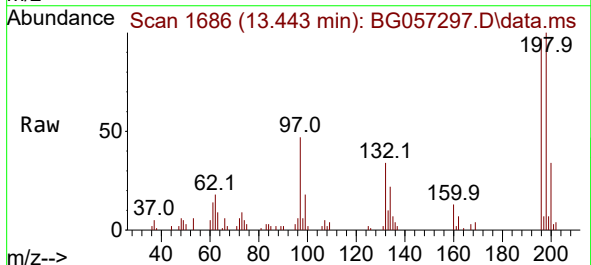
Tgt Ion:196 Resp: 24200

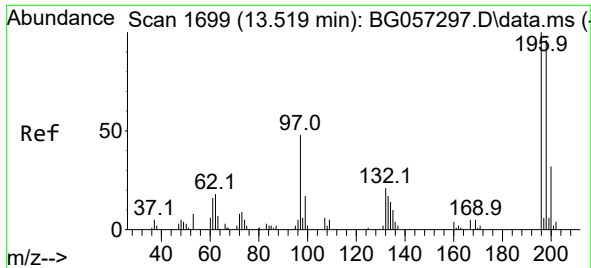
Ion Ratio Lower Upper

196 100

198 102.6 83.8 125.8

200 35.1 26.6 40.0

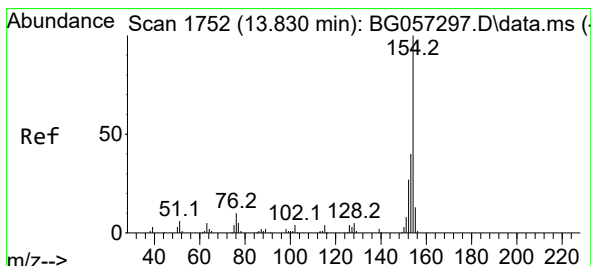
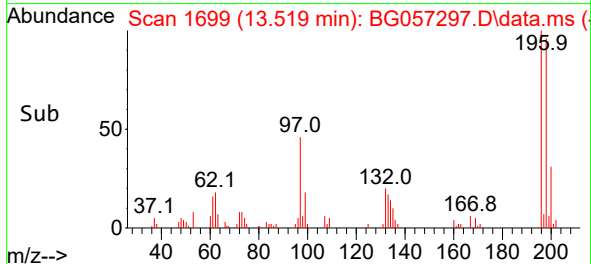
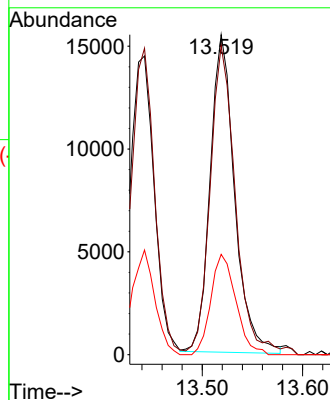
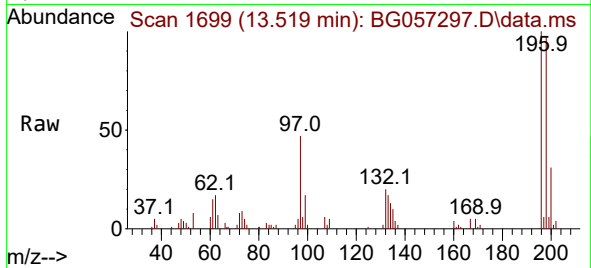




#42
2,4,5-Trichlorophenol
Concen: 22.977 ng/ul
RT: 13.519 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

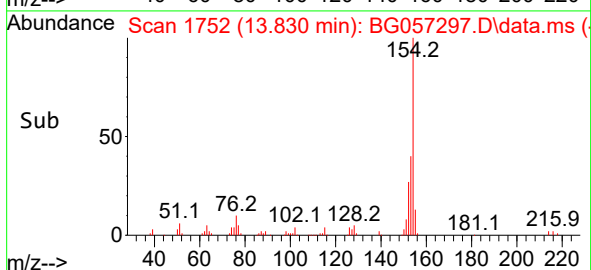
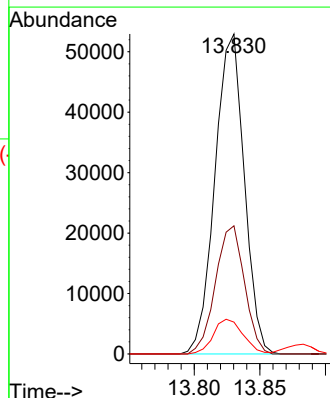
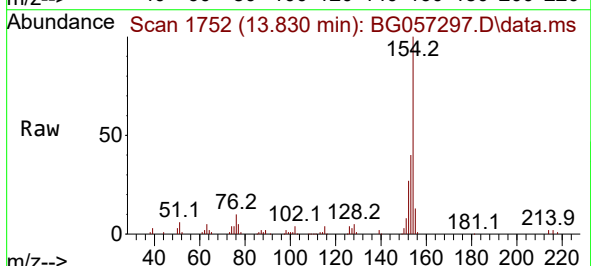
Instrument :
BNA_G
ClientSampleId :
SSTD020474

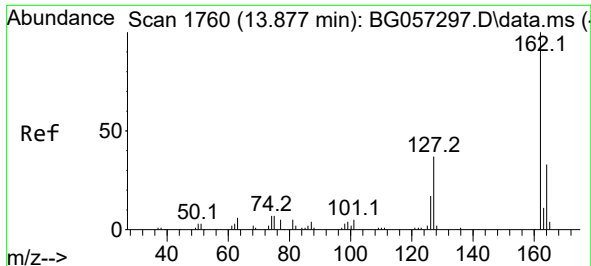
Tgt Ion:196 Resp: 26219
Ion Ratio Lower Upper
196 100
198 96.5 85.7 128.5
200 31.3 29.9 44.9



#43
1,1'-Biphenyl
Concen: 21.446 ng/ul
RT: 13.830 min Scan# 1752
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:154 Resp: 82173
Ion Ratio Lower Upper
154 100
153 40.1 31.6 47.4
76 10.0 8.0 12.0

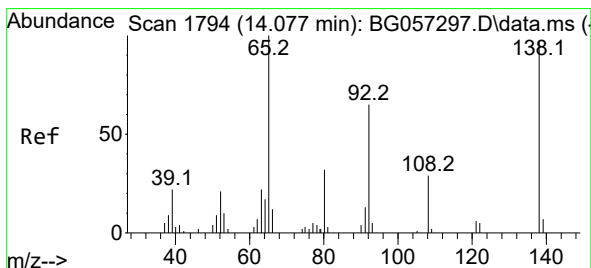
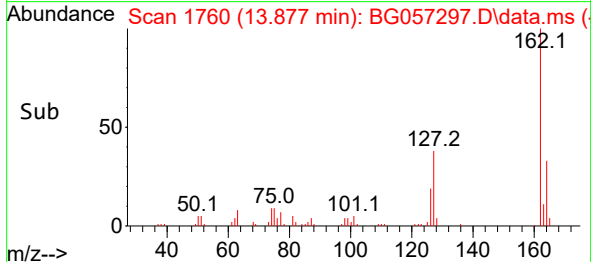
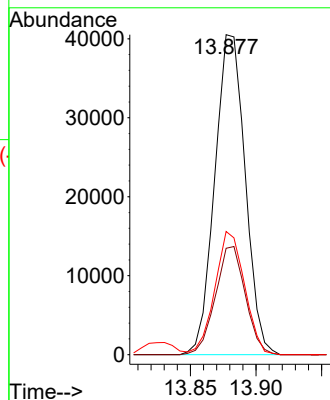
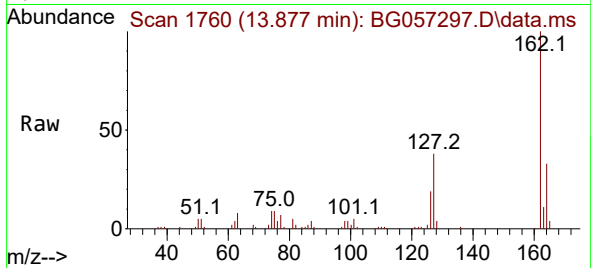




#44
2-Chloronaphthalene
Concen: 22.002 ng/ul
RT: 13.877 min Scan# 1760
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

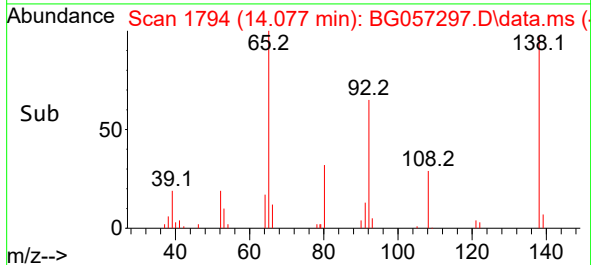
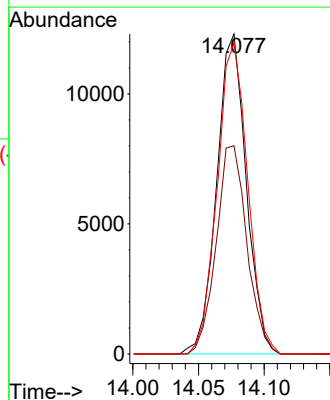
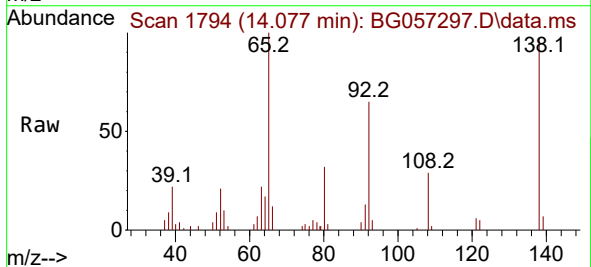
Instrument :
BNA_G
ClientSampleId :
SSTD020474

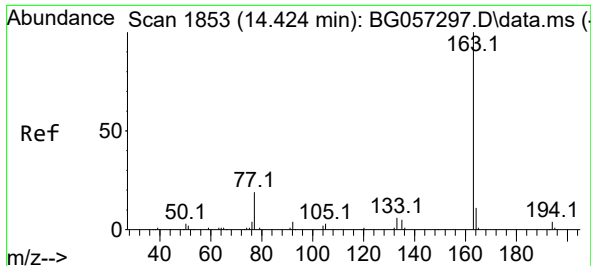
Tgt Ion:162 Resp: 65367
Ion Ratio Lower Upper
162 100
164 33.2 26.2 39.4
127 38.5 29.4 44.2



#45
2-Nitroaniline
Concen: 21.457 ng/ul
RT: 14.077 min Scan# 1794
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion: 65 Resp: 19245
Ion Ratio Lower Upper
65 100
92 65.0 51.8 77.6
138 97.3 71.9 107.9

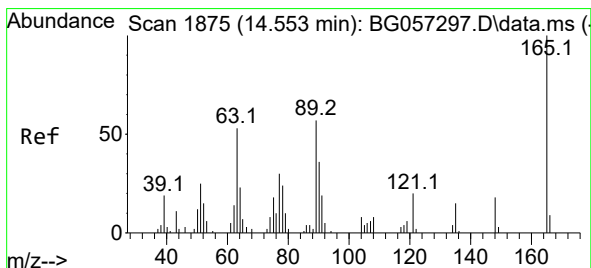
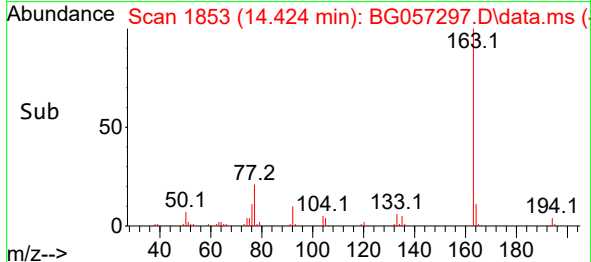
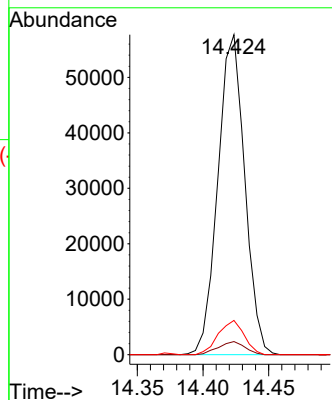
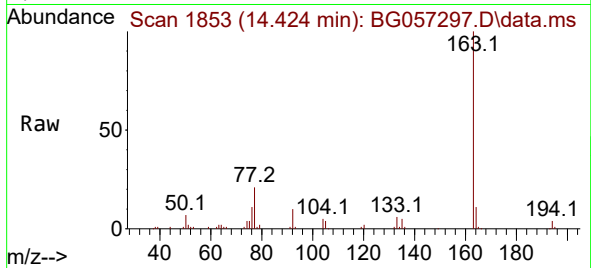




#47
Dimethylphthalate
Concen: 20.539 ng/ul
RT: 14.424 min Scan# 1853
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

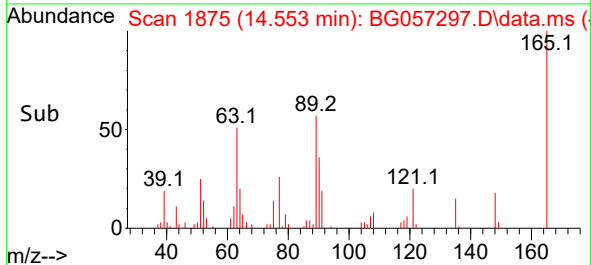
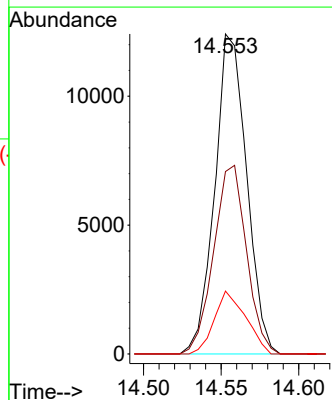
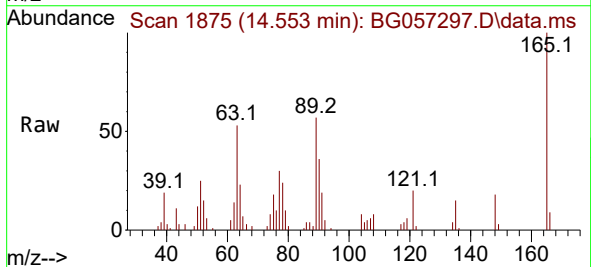
Instrument :
BNA_G
ClientSampleId :
SSTD020474

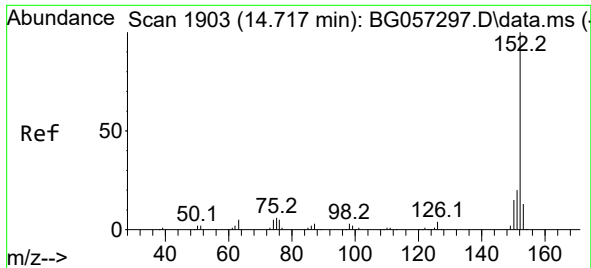
Tgt Ion:163 Resp: 82069
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.7 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 21.572 ng/ul
RT: 14.553 min Scan# 1875
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:165 Resp: 17739
Ion Ratio Lower Upper
165 100
89 57.0 50.6 76.0
121 19.7 16.8 25.2

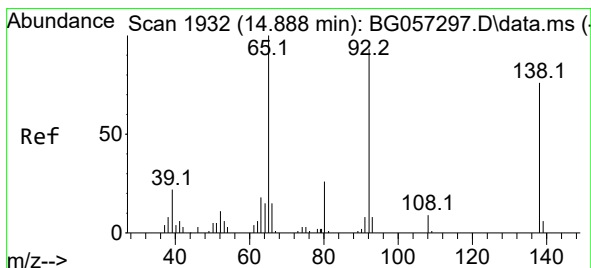
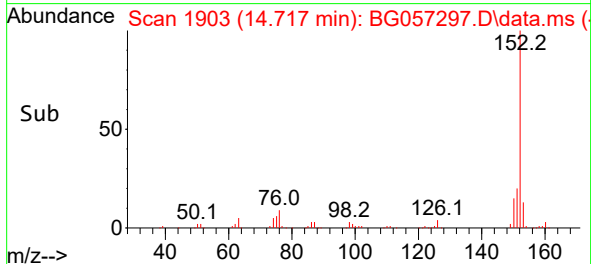
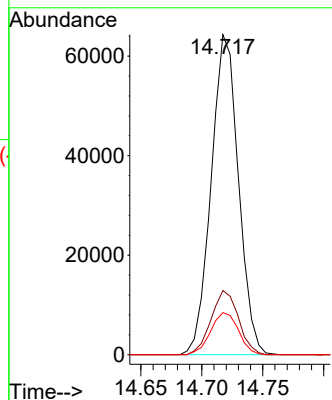
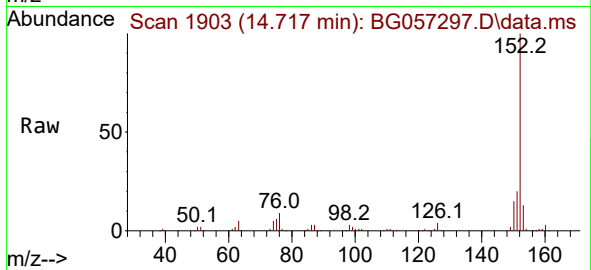




#50
Acenaphthylene
Concen: 22.006 ng/ul
RT: 14.717 min Scan# 1903
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

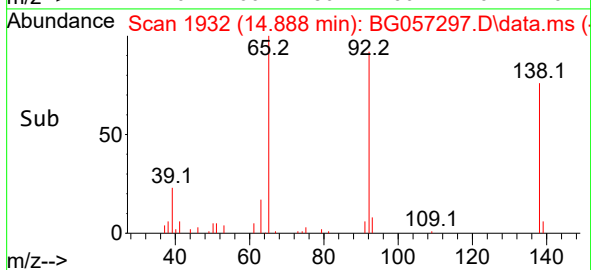
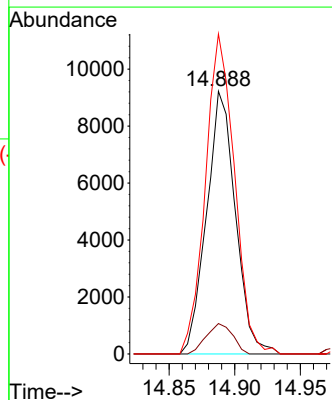
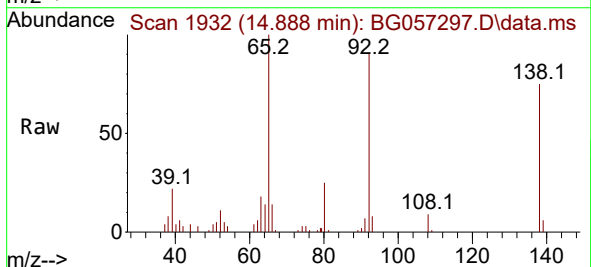
Instrument :
BNA_G
ClientSampleId :
SSTD020474

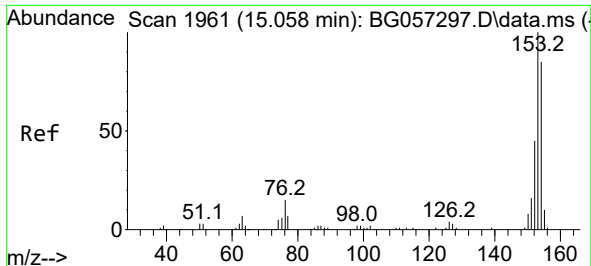
Tgt Ion:152 Resp: 100005
Ion Ratio Lower Upper
152 100
151 20.0 16.3 24.5
153 13.2 10.1 15.1



#51
3-Nitroaniline
Concen: 24.227 ng/ul
RT: 14.888 min Scan# 1932
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:138 Resp: 14116
Ion Ratio Lower Upper
138 100
108 11.5 9.2 13.8
92 121.8 99.5 149.3

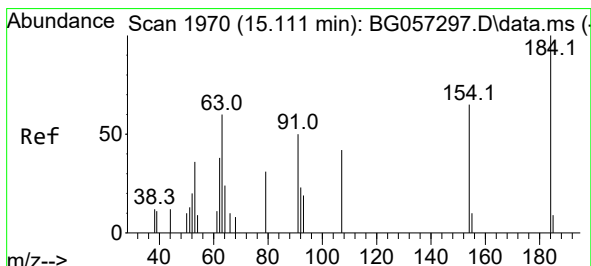
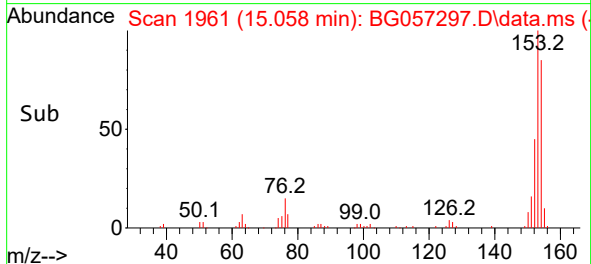
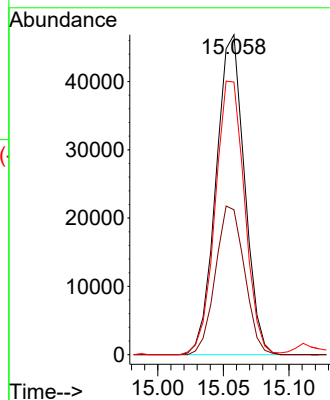
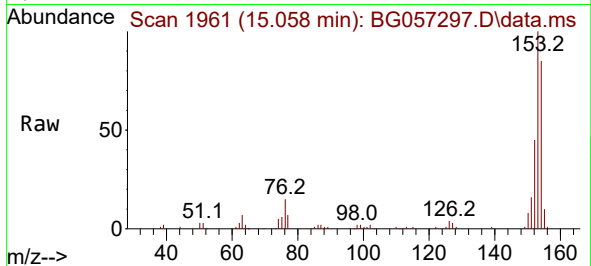




#52
Acenaphthene
Concen: 21.850 ng/ul
RT: 15.058 min Scan# 1961
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

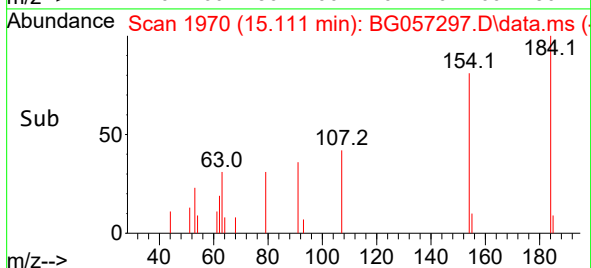
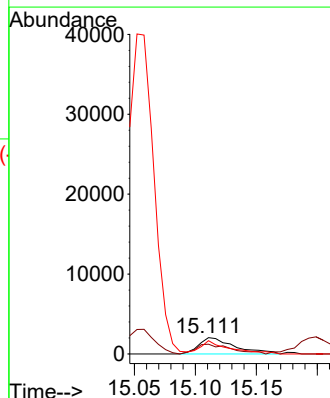
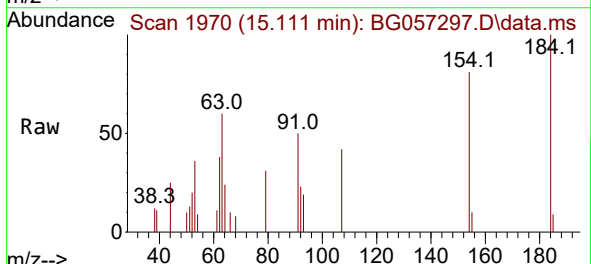
Instrument :
BNA_G
ClientSampleId :
SSTD020474

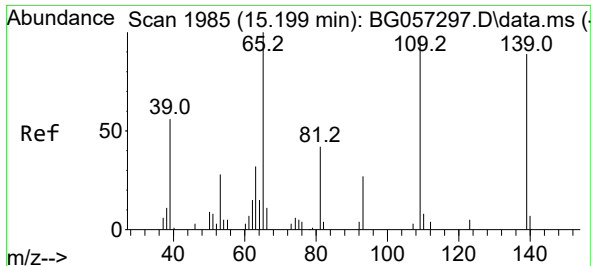
Tgt Ion:153 Resp: 70748
Ion Ratio Lower Upper
153 100
152 45.3 36.5 54.7
154 85.2 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 9.516 ng/ul
RT: 15.111 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:184 Resp: 4167
Ion Ratio Lower Upper
184 100
63 60.0 48.3 72.5
154 81.2 50.0 75.0#

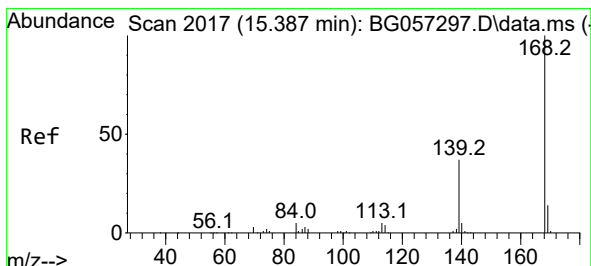
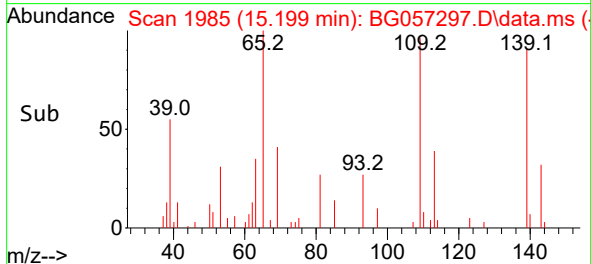
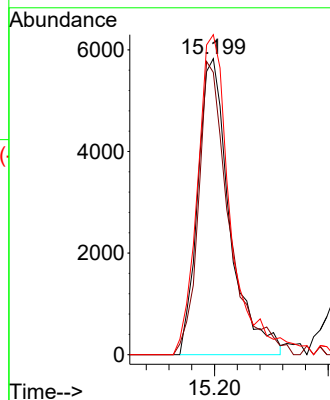
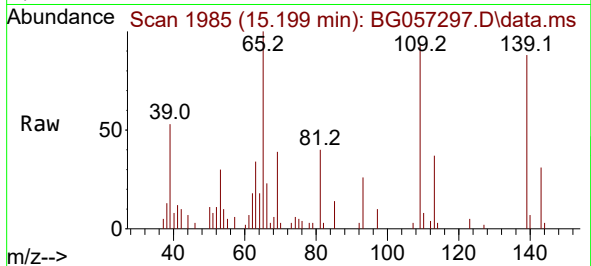




#55
4-Nitrophenol
Concen: 17.225 ng/ul
RT: 15.199 min Scan# 1985
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

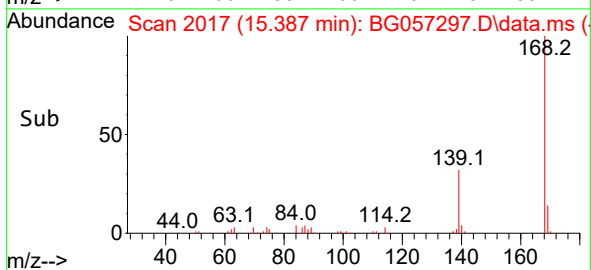
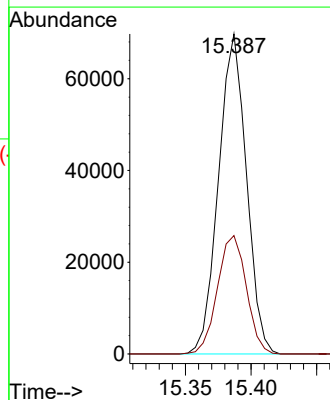
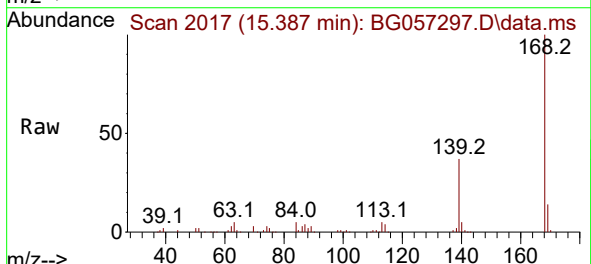
Instrument :
BNA_G
ClientSampleId :
SSTD020474

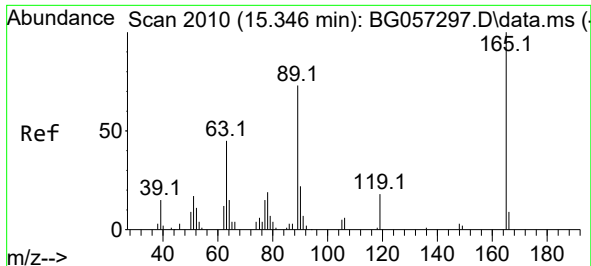
Tgt Ion:109 Resp: 11309
Ion Ratio Lower Upper
109 100
139 95.3 73.8 110.8
65 108.1 81.7 122.5



#56
Dibenzofuran
Concen: 22.021 ng/ul
RT: 15.387 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:168 Resp: 102965
Ion Ratio Lower Upper
168 100
139 37.0 29.6 44.4

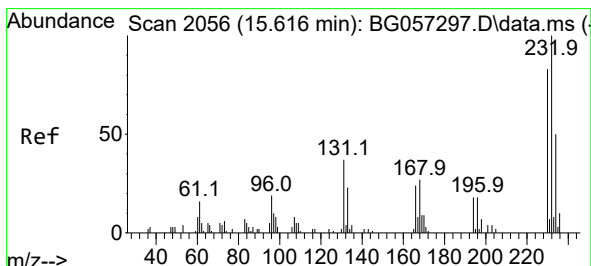
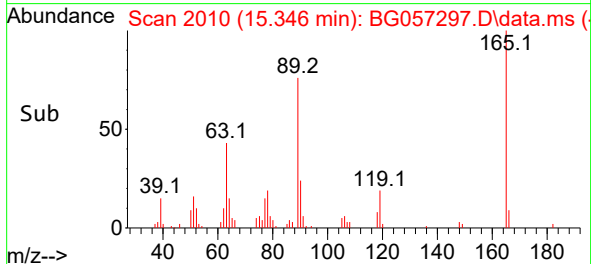
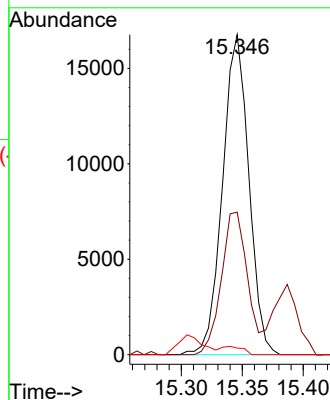
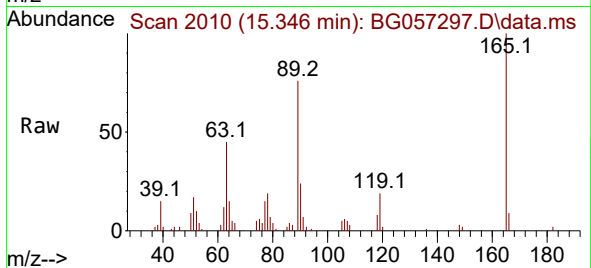




#57
2,4-Dinitrotoluene
Concen: 21.386 ng/ul
RT: 15.346 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

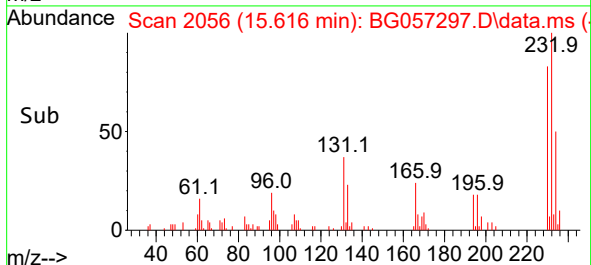
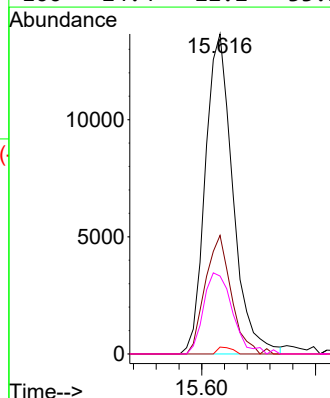
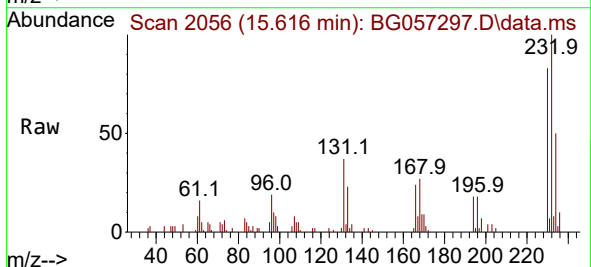
Instrument :
BNA_G
ClientSampleId :
SSTD020474

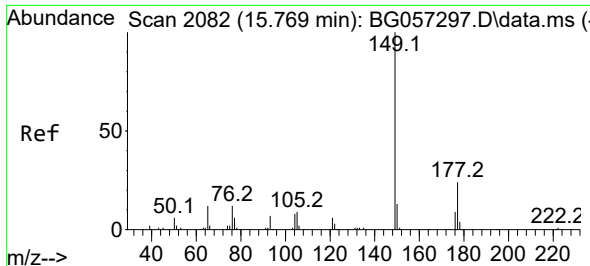
Tgt Ion:165 Resp: 25175
Ion Ratio Lower Upper
165 100
63 44.5 35.9 53.9
182 2.1 1.9 2.9



#58
2,3,4,6-Tetrachlorophenol
Concen: 22.171 ng/ul
RT: 15.616 min Scan# 2056
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:232 Resp: 22988
Ion Ratio Lower Upper
232 100
131 37.0 28.6 43.0
130 2.2 1.8 2.6
166 24.4 22.2 33.2

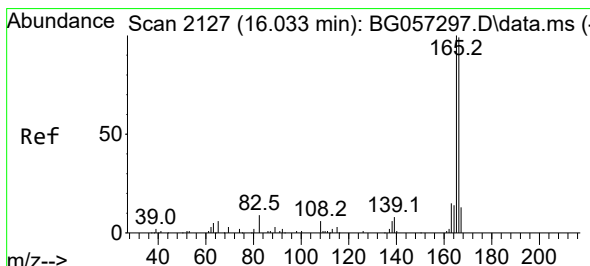
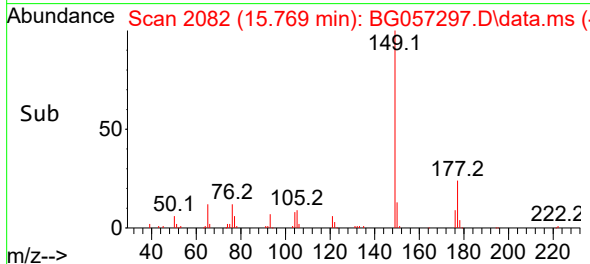
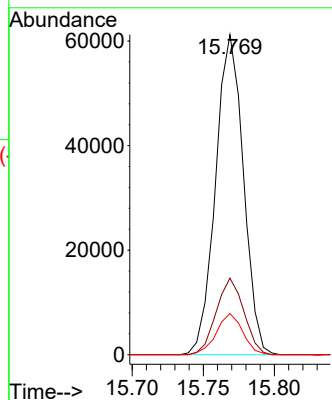
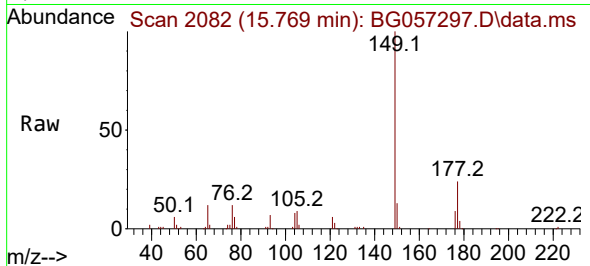




#59
Diethylphthalate
Concen: 20.510 ng/ul
RT: 15.769 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

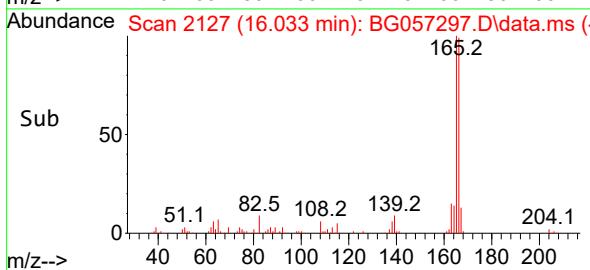
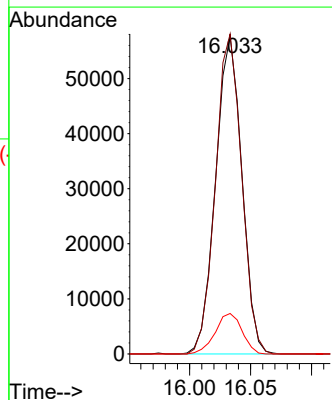
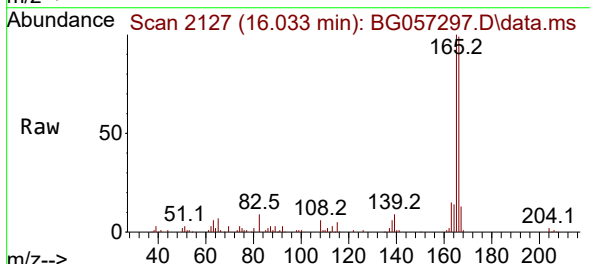
Instrument :
BNA_G
ClientSampleId :
SSTD020474

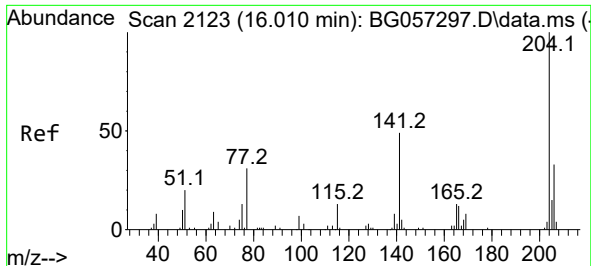
Tgt Ion:149 Resp: 83259
Ion Ratio Lower Upper
149 100
177 23.9 18.6 28.0
150 12.8 9.8 14.8



#61
Fluorene
Concen: 21.838 ng/ul
RT: 16.033 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:166 Resp: 86343
Ion Ratio Lower Upper
166 100
165 100.6 80.1 120.1
167 12.7 10.2 15.4

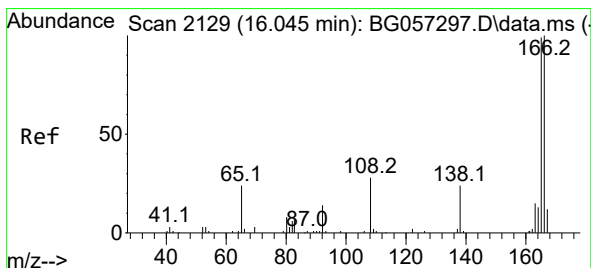
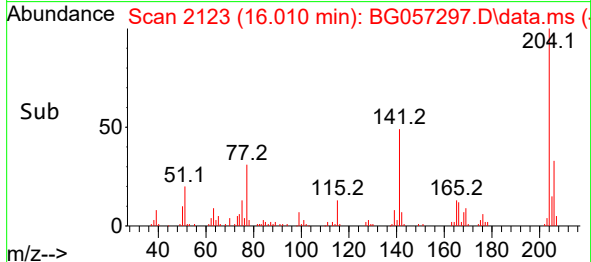
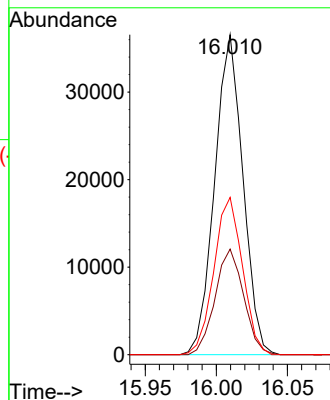
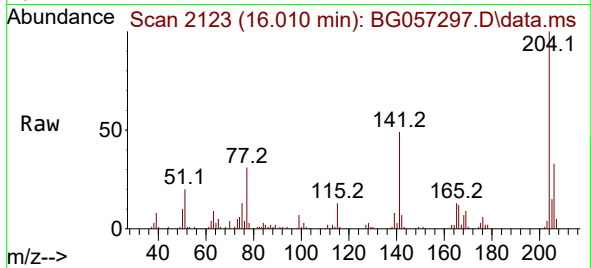




#62
4-Chlorophenyl-phenylether
Concen: 21.863 ng/ul
RT: 16.010 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

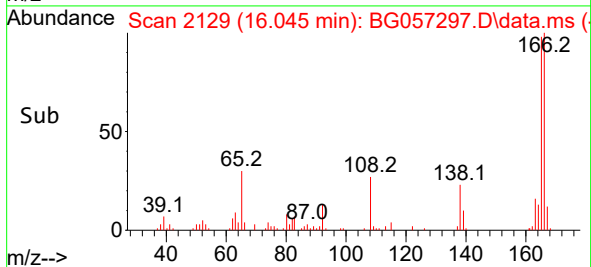
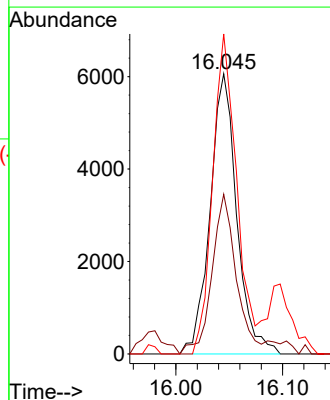
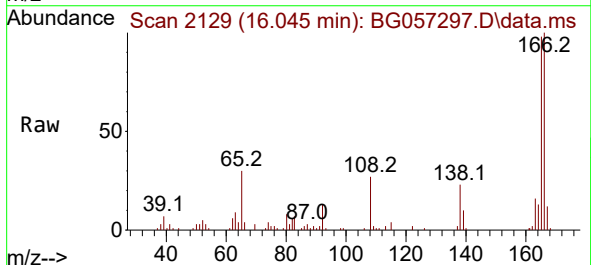
Instrument :
BNA_G
ClientSampleId :
SSTD020474

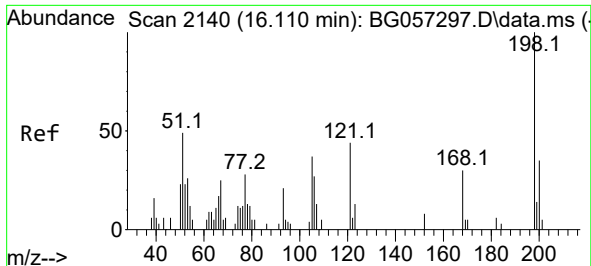
Tgt Ion:204 Resp: 50454
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 49.1 41.5 62.3



#63
4-Nitroaniline
Concen: 19.050 ng/ul
RT: 16.045 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:138 Resp: 10511
Ion Ratio Lower Upper
138 100
92 57.0 39.9 59.9
108 114.2 89.1 133.7

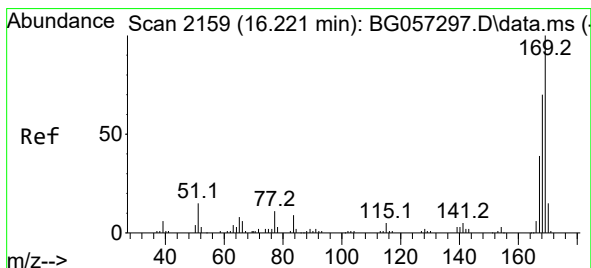
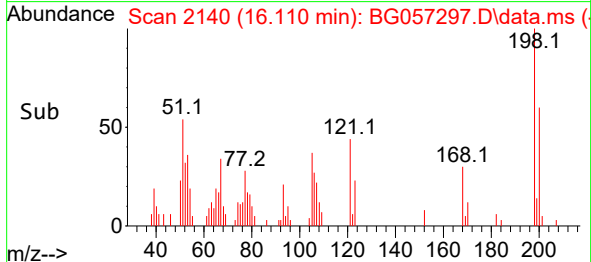
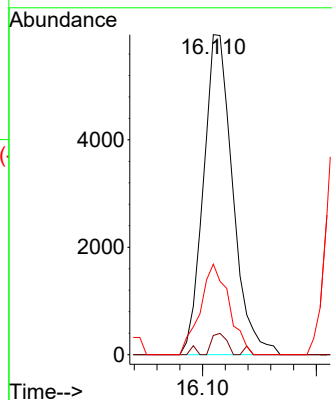
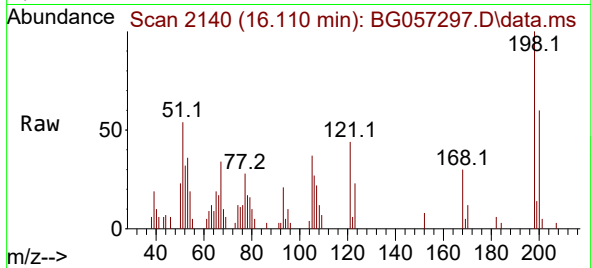




#66
 4,6-Dinitro-2-methylphenol
 Concen: 14.394 ng/ul
 RT: 16.110 min Scan# 2140
 Delta R.T. -0.002 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

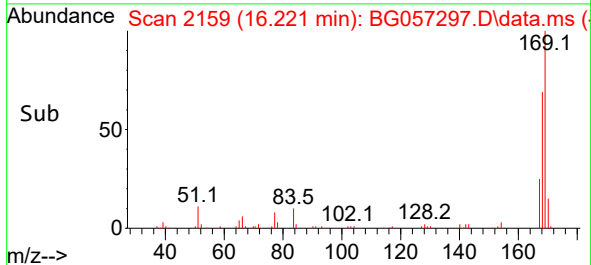
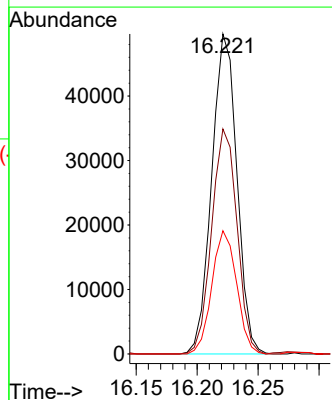
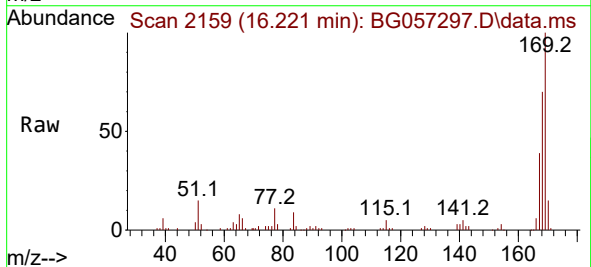
Instrument :
 BNA_G
 ClientSampleId :
 SST020474

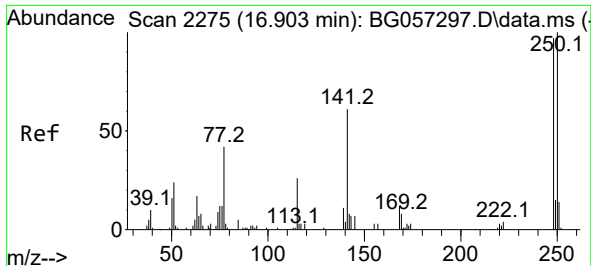
Tgt Ion:198 Resp: 10656
 Ion Ratio Lower Upper
 198 100
 182 6.0 3.0 4.6#
 77 28.3 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.283 ng/ul
 RT: 16.221 min Scan# 2159
 Delta R.T. -0.008 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

Tgt Ion:169 Resp: 71376
 Ion Ratio Lower Upper
 169 100
 168 70.3 55.4 83.2
 167 38.5 31.0 46.4

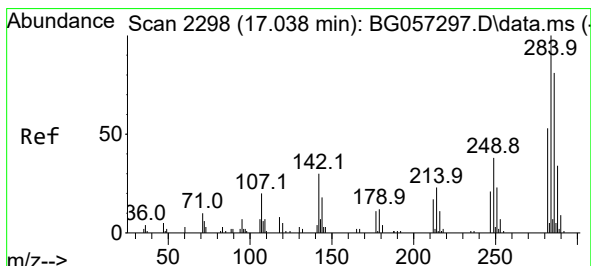
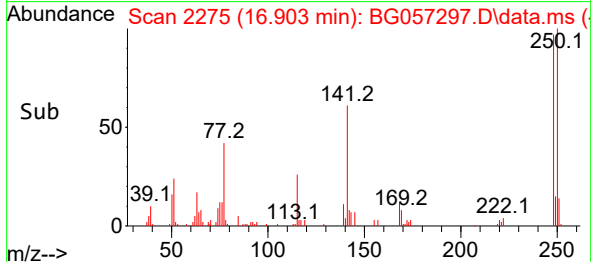
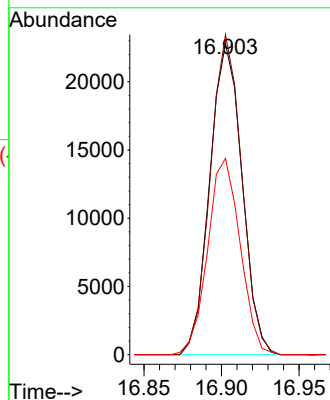
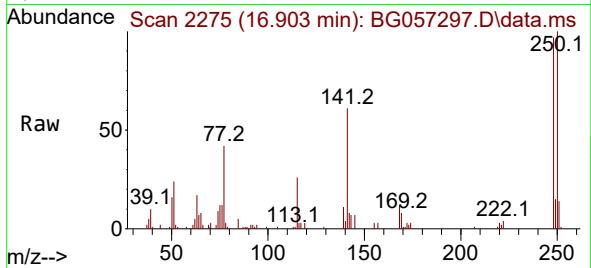




#68
4-Bromophenyl-phenylether
Concen: 22.470 ng/ul
RT: 16.903 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

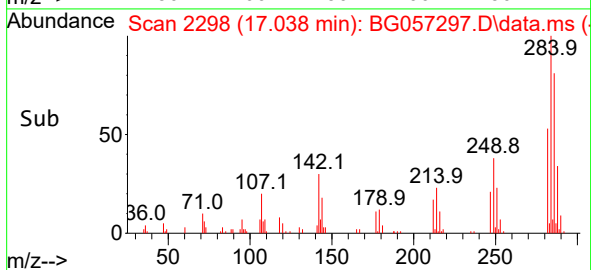
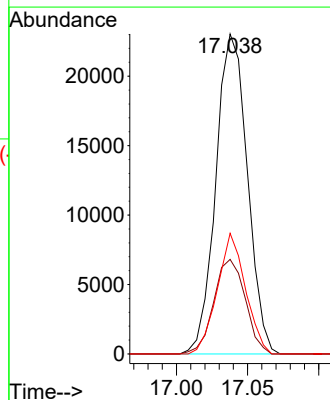
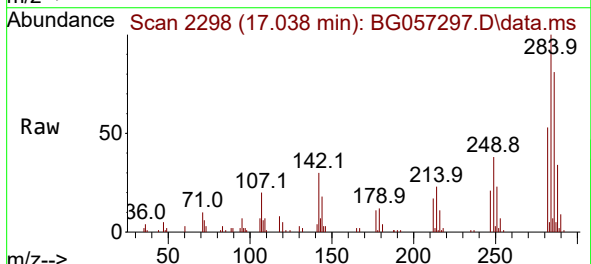
Instrument :
BNA_G
ClientSampleId :
SSTD020474

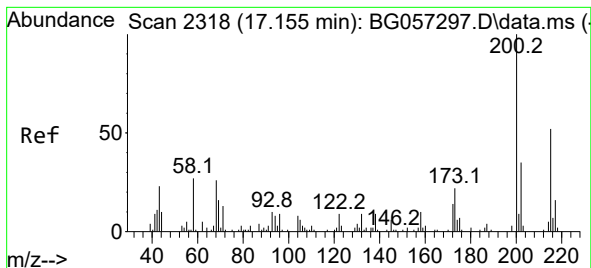
Tgt Ion:248 Resp: 32932
Ion Ratio Lower Upper
248 100
250 102.8 74.8 112.2
141 63.1 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.038 ng/ul
RT: 17.038 min Scan# 2298
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:284 Resp: 35555
Ion Ratio Lower Upper
284 100
142 29.5 22.6 33.8
249 37.7 26.2 39.2





#70

Atrazine

Concen: 22.651 ng/ul

RT: 17.155 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

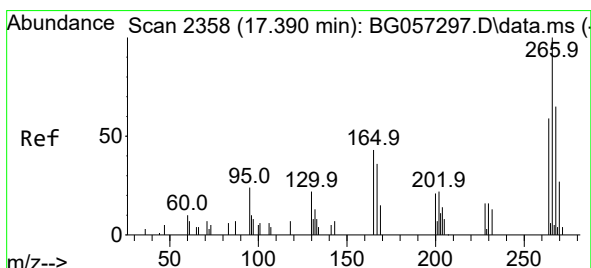
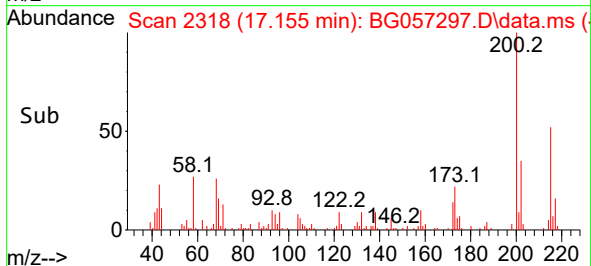
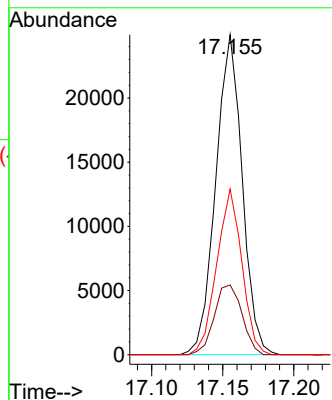
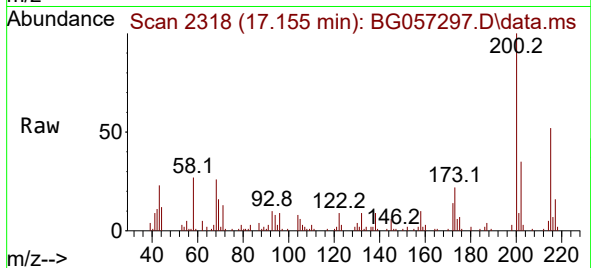
Tgt Ion:200 Resp: 32245

Ion Ratio Lower Upper

200 100

173 21.8 17.8 26.6

215 51.8 40.3 60.5



#71

Pentachlorophenol

Concen: 15.142 ng/ul

RT: 17.390 min Scan# 2358

Delta R.T. 0.004 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

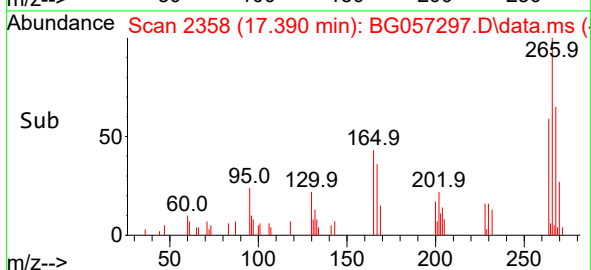
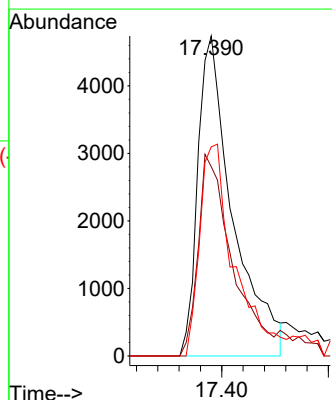
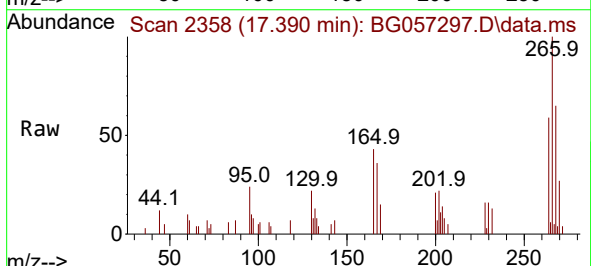
Tgt Ion:266 Resp: 10802

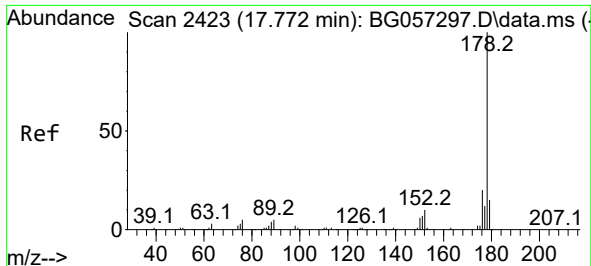
Ion Ratio Lower Upper

266 100

264 59.1 47.8 71.6

268 65.4 48.2 72.4

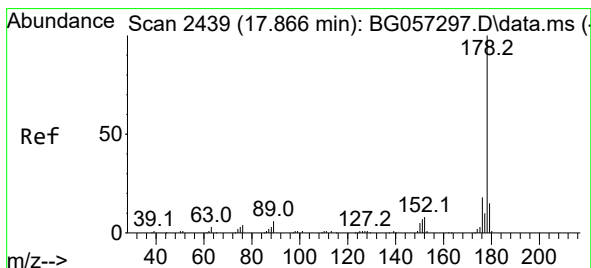
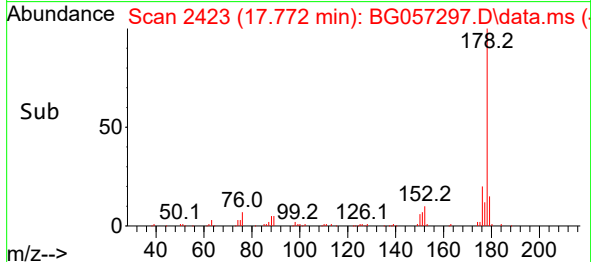
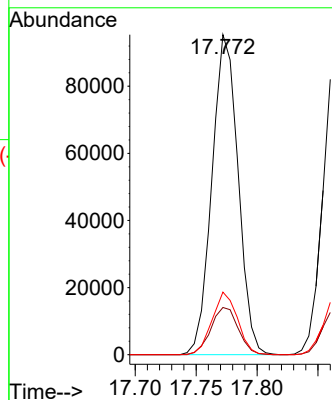
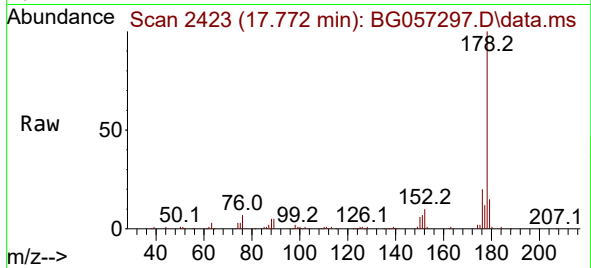




#72
Phenanthrene
Concen: 22.302 ng/ul
RT: 17.772 min Scan# 2423
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

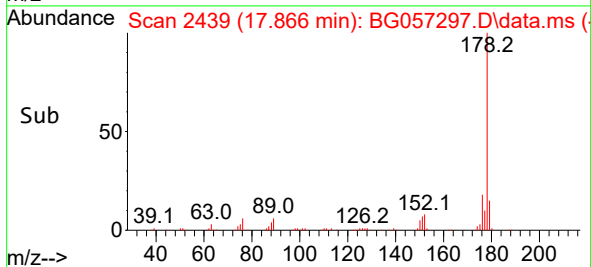
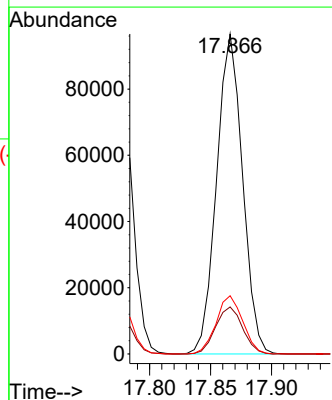
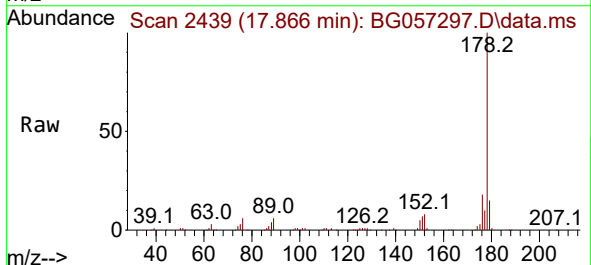
Instrument :
BNA_G
ClientSampleId :
SSTD020474

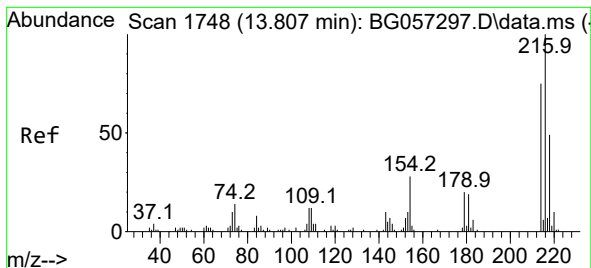
Tgt Ion:178 Resp: 142408
Ion Ratio Lower Upper
178 100
179 14.8 11.8 17.8
176 19.5 15.4 23.0



#74
Anthracene
Concen: 22.292 ng/ul
RT: 17.866 min Scan# 2439
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:178 Resp: 142987
Ion Ratio Lower Upper
178 100
179 14.7 12.5 18.7
176 18.2 14.7 22.1

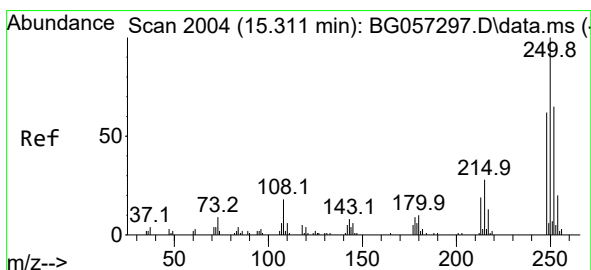
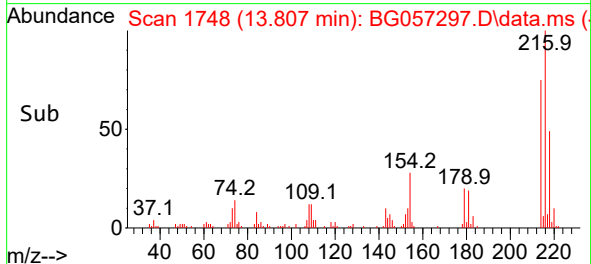
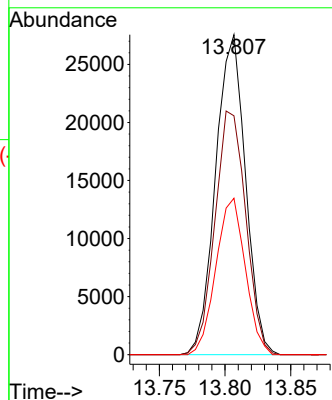
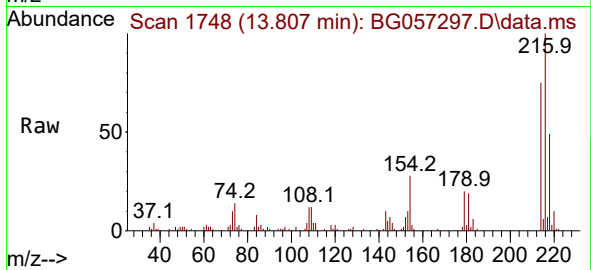




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.667 ng/uL
RT: 13.807 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

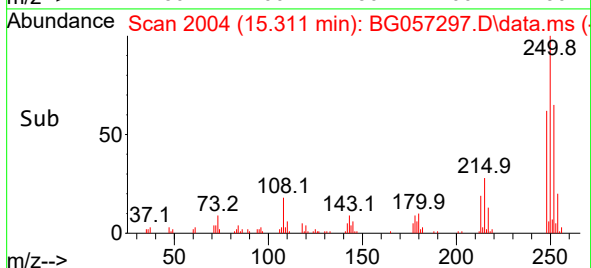
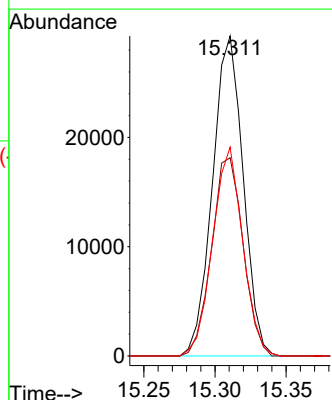
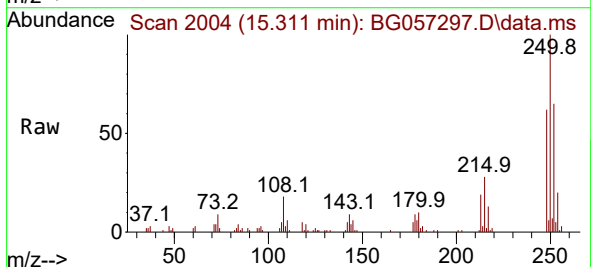
Instrument :
BNA_G
ClientSampleId :
SSTD020474

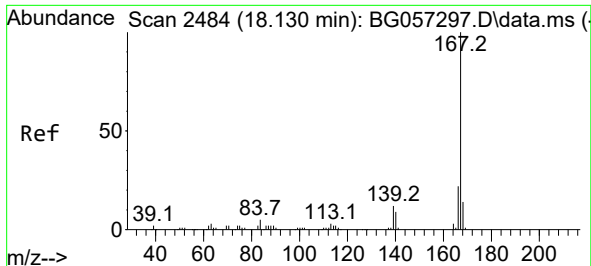
Tgt Ion:216 Resp: 43650
Ion Ratio Lower Upper
216 100
214 74.6 64.3 96.5
218 48.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 23.366 ng/uL
RT: 15.311 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:250 Resp: 43866
Ion Ratio Lower Upper
250 100
248 62.0 52.2 78.2
252 65.3 52.5 78.7

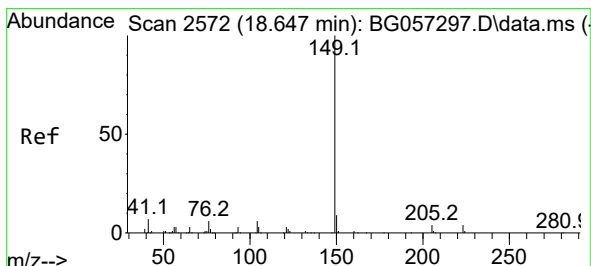
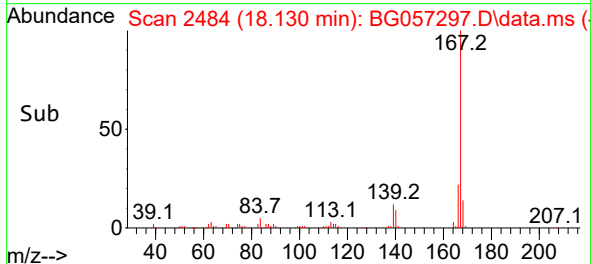
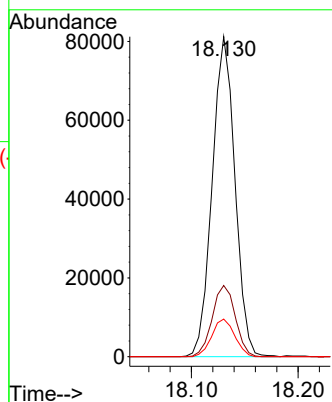
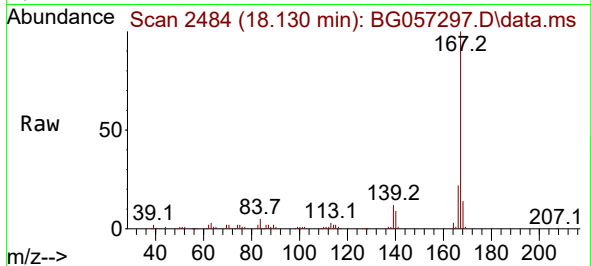




#77
 Carbazole
 Concen: 22.404 ng/ul
 RT: 18.130 min Scan# 2484
 Delta R.T. -0.002 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

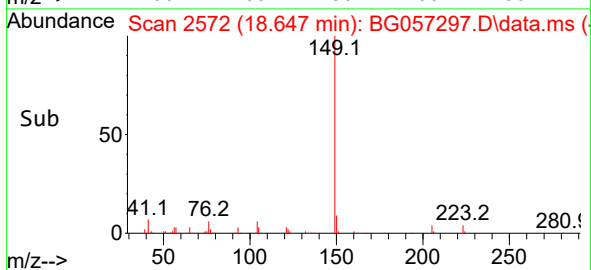
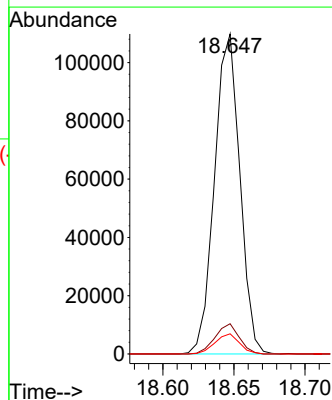
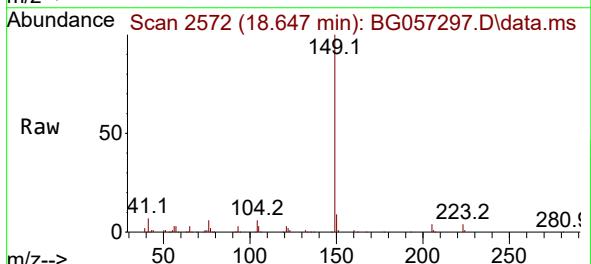
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020474

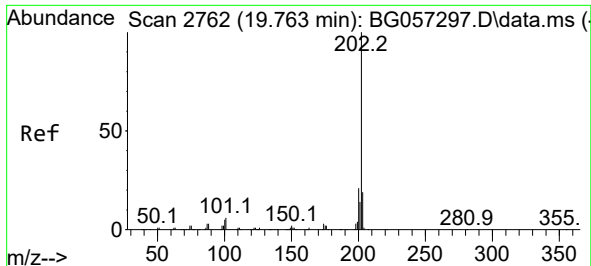
Tgt Ion:167 Resp: 120095
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.0 27.0
 139 11.7 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 22.169 ng/ul
 RT: 18.647 min Scan# 2572
 Delta R.T. -0.002 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

Tgt Ion:149 Resp: 135886
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.3 10.9
 104 6.3 5.0 7.6

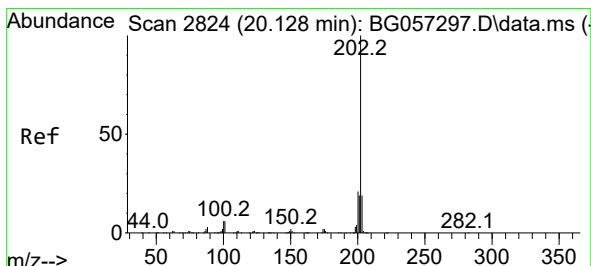
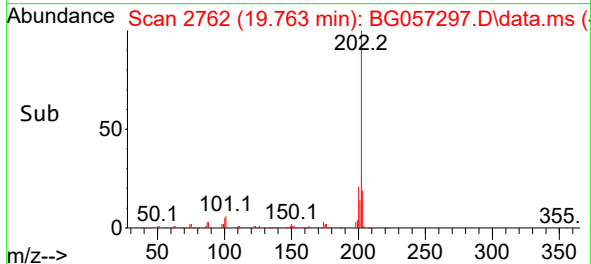
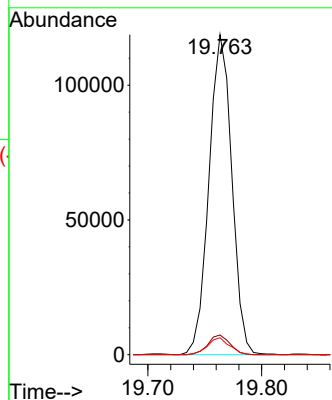
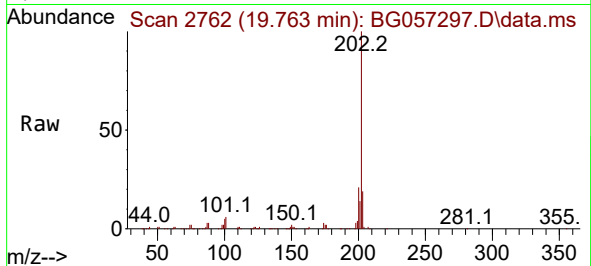




#80
Fluoranthene
Concen: 23.664 ng/ul
RT: 19.763 min Scan# 2762
Delta R.T. -0.002 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

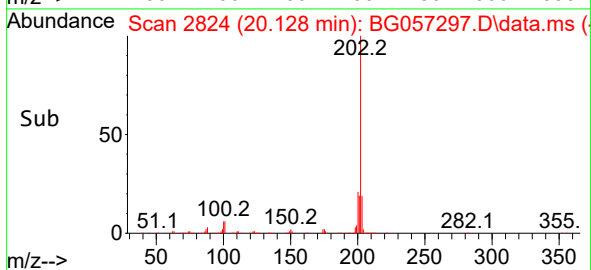
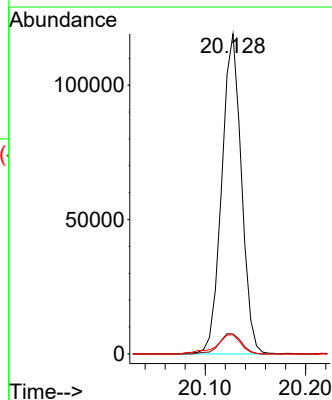
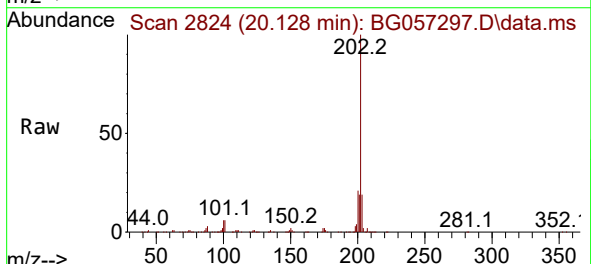
Instrument :
BNA_G
ClientSampleId :
SSTD020474

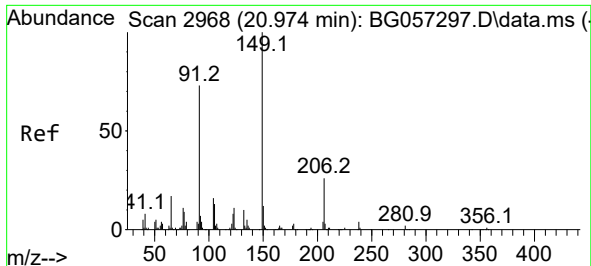
Tgt Ion:202 Resp: 165894
Ion Ratio Lower Upper
202 100
101 6.2 5.8 8.6
100 5.3 4.6 7.0



#82
Pyrene
Concen: 22.807 ng/ul
RT: 20.128 min Scan# 2824
Delta R.T. 0.004 min
Lab File: BG057297.D
Acq: 4 May 2023 9:56

Tgt Ion:202 Resp: 161862
Ion Ratio Lower Upper
202 100
101 6.3 5.7 8.5
100 6.0 6.0 9.0#





#83
 Butylbenzylphthalate
 Concen: 23.052 ng/ul
 RT: 20.974 min Scan# 2968
 Delta R.T. -0.008 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

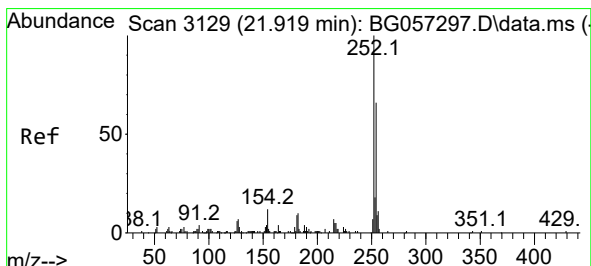
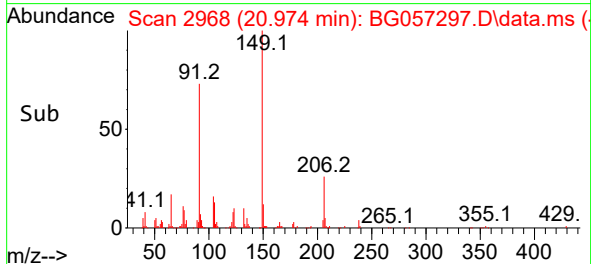
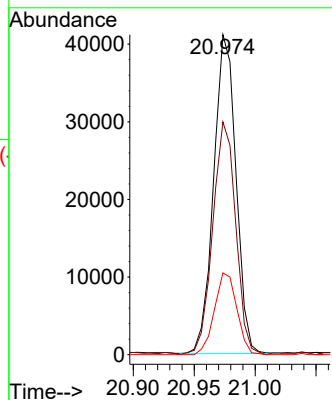
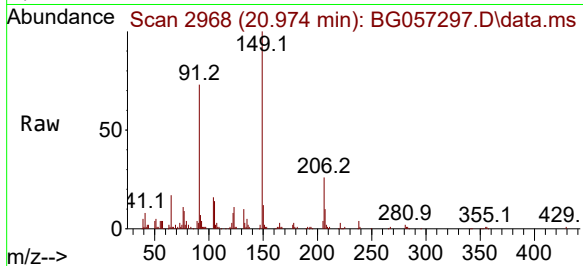
Instrument :

BNA_G

ClientSampleId :

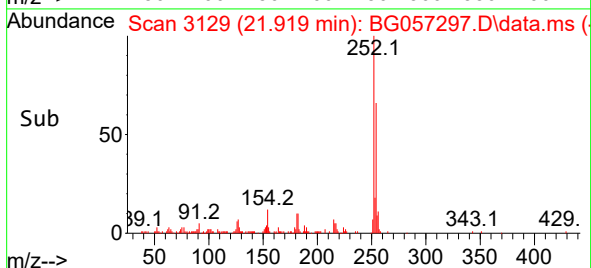
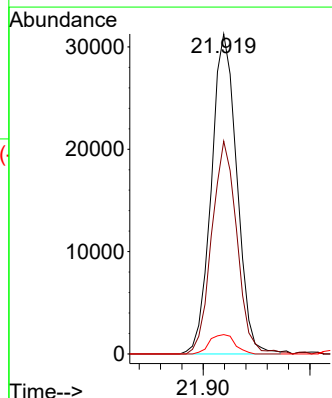
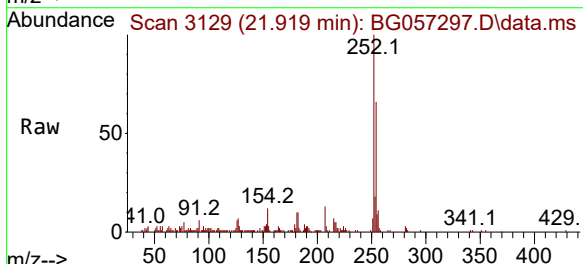
SSTD020474

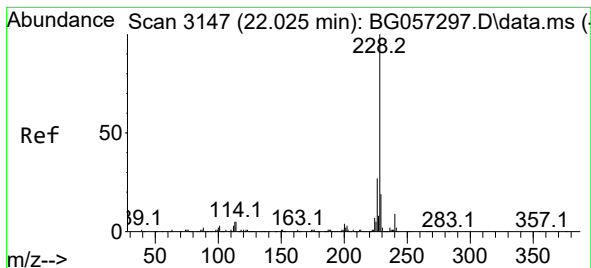
Tgt Ion:149 Resp: 52393
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.6 87.8
 206 25.5 19.8 29.8



#84
 3,3'-Dichlorobenzidine
 Concen: 23.513 ng/ul
 RT: 21.919 min Scan# 3129
 Delta R.T. -0.002 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

Tgt Ion:252 Resp: 51920
 Ion Ratio Lower Upper
 252 100
 254 66.5 53.7 80.5
 126 6.0 5.2 7.8





#85

Benzo(a)anthracene

Concen: 21.838 ng/ul

RT: 22.025 min Scan# 3147

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

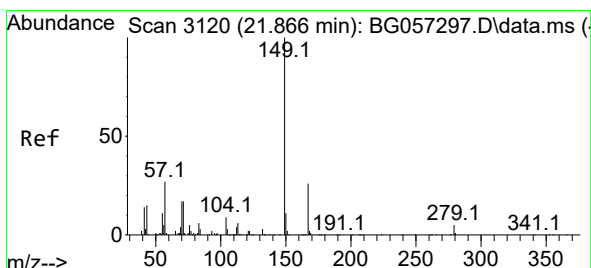
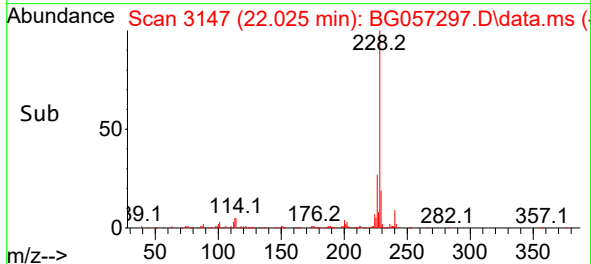
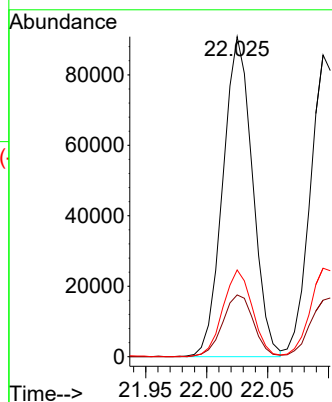
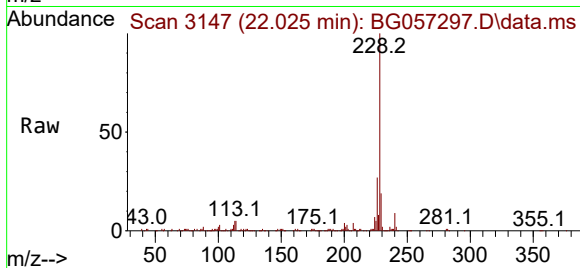
Tgt Ion:228 Resp: 153566

Ion Ratio Lower Upper

228 100

229 19.3 15.8 23.6

226 27.1 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.441 ng/ul

RT: 21.866 min Scan# 3120

Delta R.T. -0.008 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

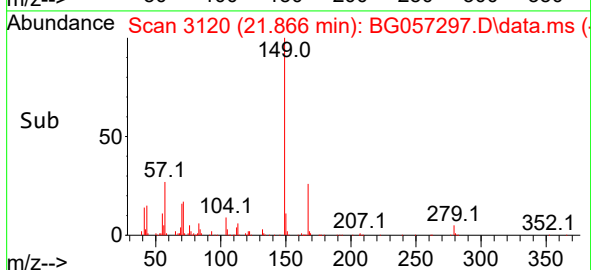
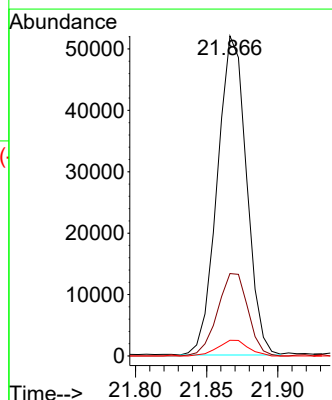
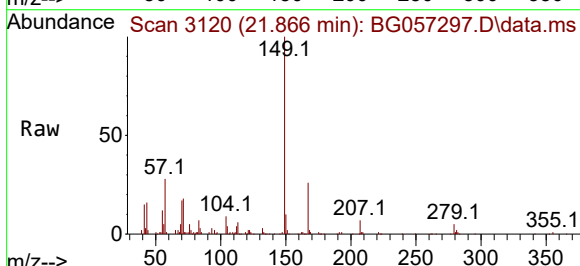
Tgt Ion:149 Resp: 74181

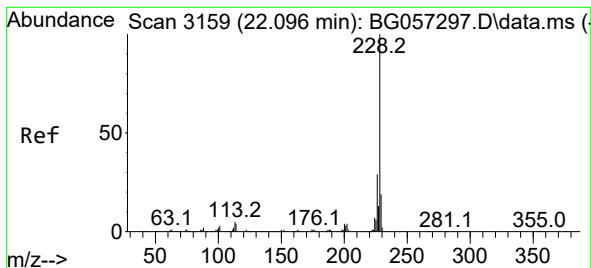
Ion Ratio Lower Upper

149 100

167 25.8 23.0 34.6

279 4.9 3.6 5.4





#87

Chrysene

Concen: 22.001 ng/ul

RT: 22.096 min Scan# 3159

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

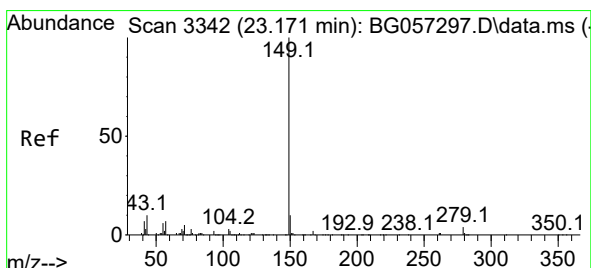
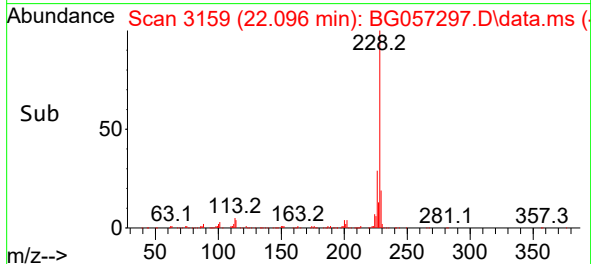
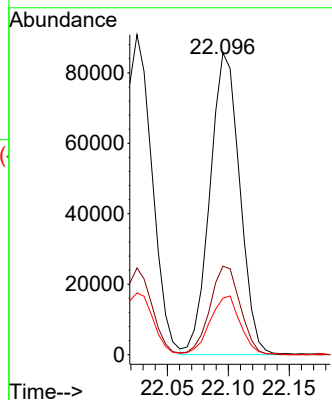
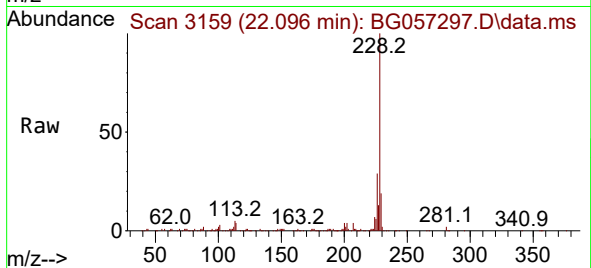
Tgt Ion:228 Resp: 145962

Ion Ratio Lower Upper

228 100

226 29.3 22.8 34.2

229 18.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.895 ng/ul

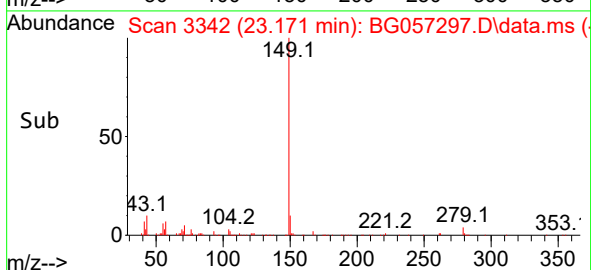
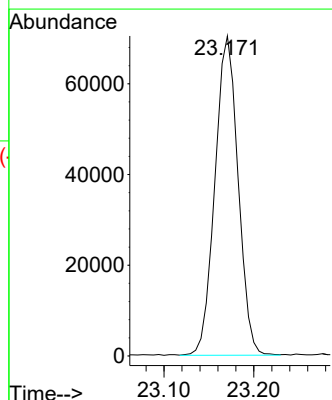
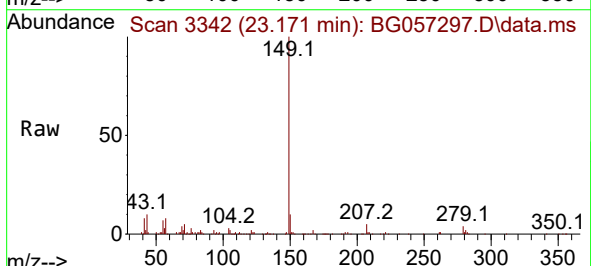
RT: 23.171 min Scan# 3342

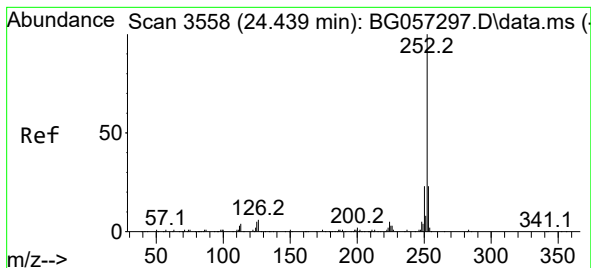
Delta R.T. -0.008 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Tgt Ion:149 Resp: 126006





#90

Benzo(b)fluoranthene

Concen: 21.424 ng/ul

RT: 24.439 min Scan# 3558

Delta R.T. 0.003 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

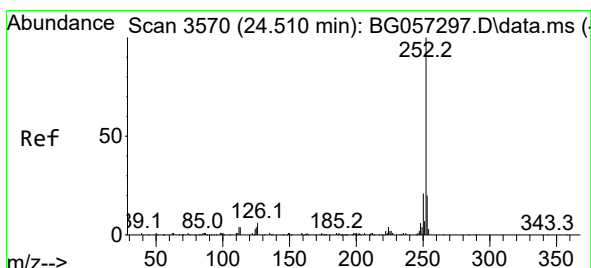
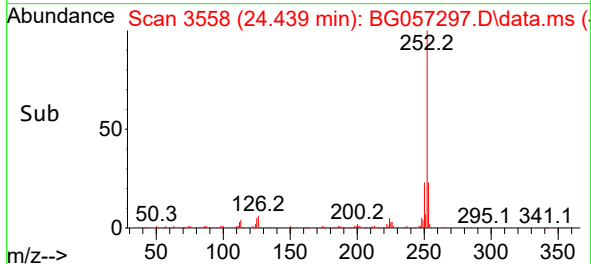
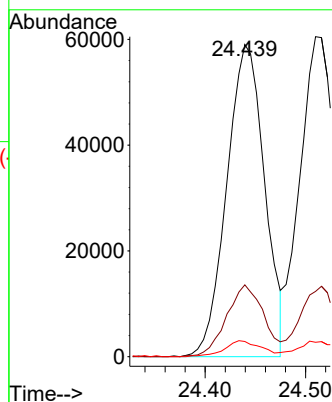
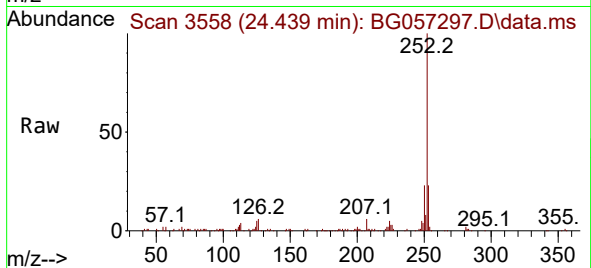
Tgt Ion:252 Resp: 154615

Ion Ratio Lower Upper

252 100

253 23.0 16.7 25.1

125 4.9 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 21.961 ng/ul

RT: 24.510 min Scan# 3570

Delta R.T. -0.002 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

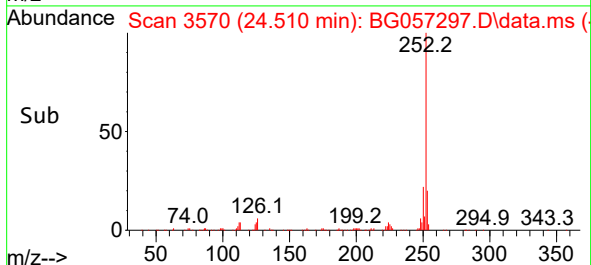
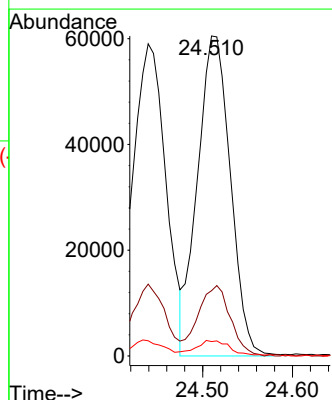
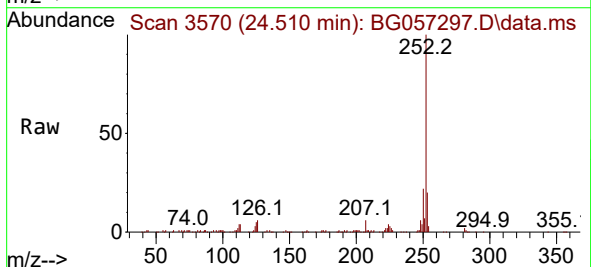
Tgt Ion:252 Resp: 154190

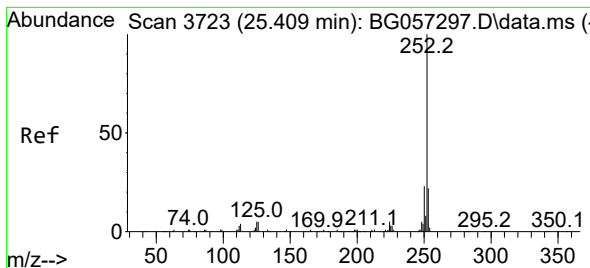
Ion Ratio Lower Upper

252 100

253 20.4 17.7 26.5

125 4.5 4.5 6.7





#93

Benzo(a)pyrene

Concen: 21.778 ng/ul

RT: 25.409 min Scan# 31

Delta R.T. 0.009 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

Instrument :

BNA_G

ClientSampleId :

SSTD020474

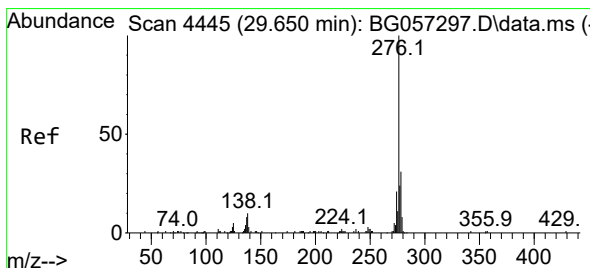
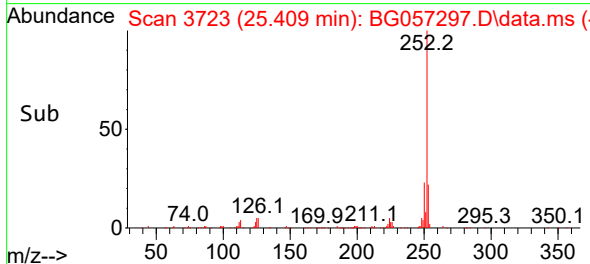
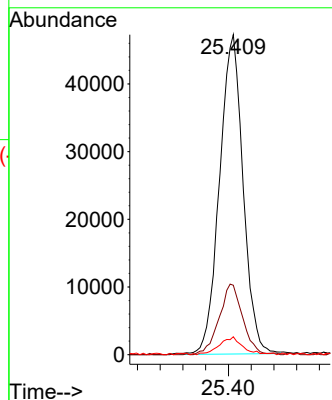
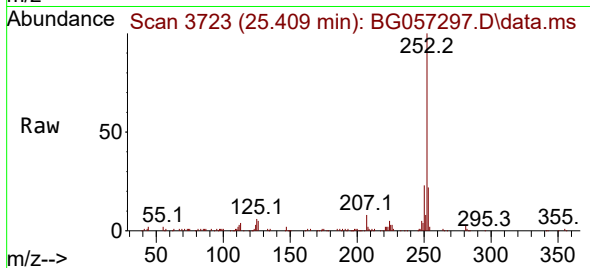
Tgt Ion:252 Resp: 135687

Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 5.6 5.1 7.7



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.952 ng/ul

RT: 29.650 min Scan# 4445

Delta R.T. 0.027 min

Lab File: BG057297.D

Acq: 4 May 2023 9:56

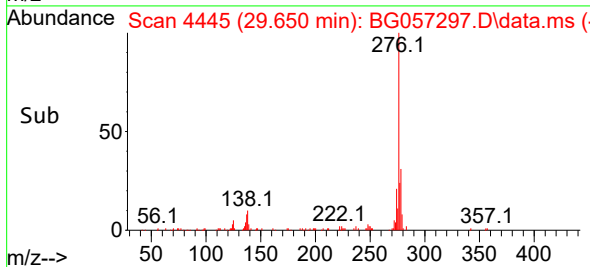
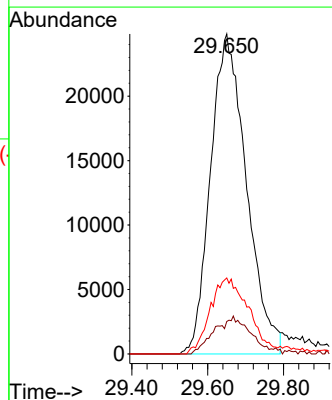
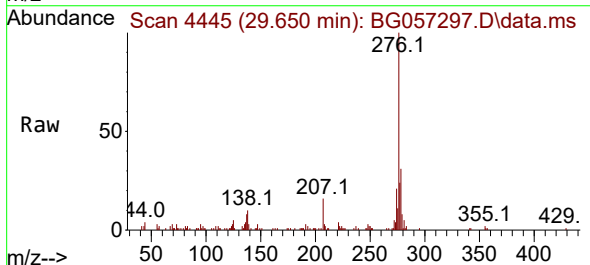
Tgt Ion:276 Resp: 163179

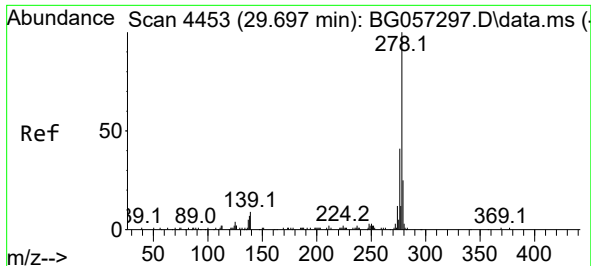
Ion Ratio Lower Upper

276 100

138 10.2 9.4 14.2

277 23.8 18.6 28.0

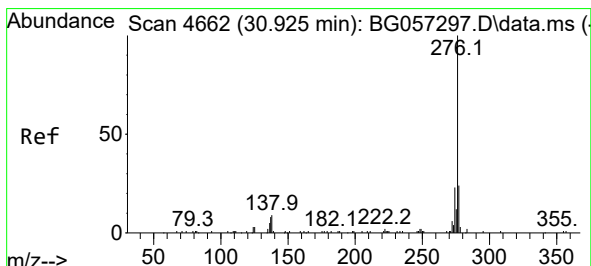
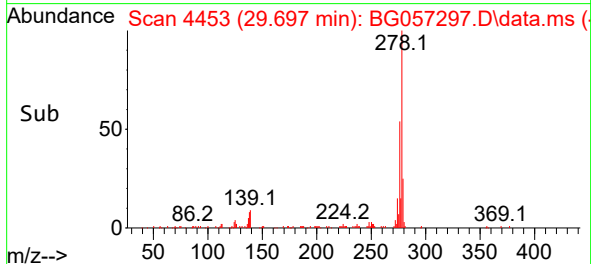
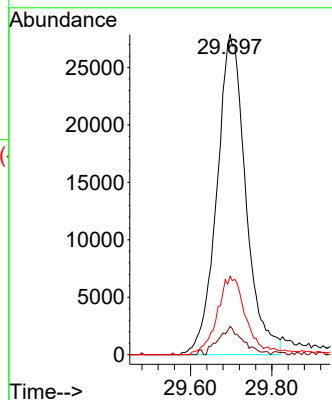
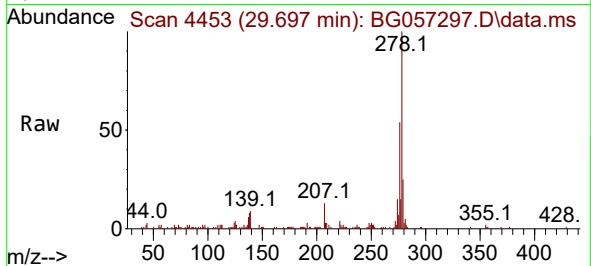




#95
 Dibenzo(a,h)anthracene
 Concen: 21.299 ng/ul
 RT: 29.697 min Scan# 4453
 Delta R.T. 0.004 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

Instrument :
 BNA_G
 ClientSampleId :
 SST020474

Tgt Ion:278 Resp: 137549
 Ion Ratio Lower Upper
 278 100
 139 8.9 5.8 8.6#
 279 24.6 18.3 27.5



#96
 Benzo(g,h,i)perylene
 Concen: 19.076 ng/ul
 RT: 30.925 min Scan# 4662
 Delta R.T. 0.015 min
 Lab File: BG057297.D
 Acq: 4 May 2023 9:56

Tgt Ion:276 Resp: 120237
 Ion Ratio Lower Upper
 276 100
 138 9.3 8.7 13.1
 277 23.7 18.4 27.6

