

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050323\
 Data File : BG057295.D
 Acq On : 3 May 2023 21:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

Quant Time: May 04 01:18:27 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	14638	20.000	ng/u1	0.00
20) Naphthalene-d8	11.217	136	62806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.994	164	49354	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.737	188	123776	20.000	ng/u1	0.00
79) Chrysene-d12	22.055	240	96298	20.000	ng/u1	0.00
88) Perylene-d12	25.585	264	103849	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.650	96	2311	6.947	ng/uL	0.00
4) Pyridine-d5	4.097	84	19837	18.916	ng/u1	0.00
7) Phenol-d5	7.522	99	30020	21.686	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.680	67	15225	18.699	ng/u1	0.00
11) 2-Chlorophenol-d4	7.903	132	20456	22.423	ng/u1	0.00
15) 4-Methylphenol-d8	9.084	113	22750	21.623	ng/u1	0.00
21) Nitrobenzene-d5	9.560	128	10160	20.313	ng/u1	0.00
24) 2-Nitrophenol-d4	10.283	143	12679	21.721	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.835	165	26575	23.598	ng/u1	0.00
31) 4-Chloroaniline-d4	11.346	131	32469	21.754	ng/u1	0.00
46) Dimethylphthalate-d6	14.377	166	82287	21.042	ng/u1	0.00
49) Acenaphthylene-d8	14.694	160	98481	22.406	ng/u1	0.00
54) 4-Nitrophenol-d4	15.182	143	10266	18.035	ng/u1	0.00
60) Fluorene-d10	15.981	176	82361	22.608	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	16.098	200	10007	13.646	ng/u1	0.00
73) Anthracene-d10	17.837	188	126761	22.436	ng/u1	0.00
81) Pyrene-d10	20.099	212	131989	23.091	ng/u1	0.00
92) Benzo(a)pyrene-d12	25.339	264	113850	21.518	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.697	88	2983	8.456	ng/uL#	69
5) Pyridine	4.114	79	21738	19.664	ng/u1	86
6) Benzaldehyde	7.504	77	9489	22.443	ng/u1	89
8) Phenol	7.551	94	29433	21.095	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.774	93	20752	19.872	ng/u1	99
12) 2-Chlorophenol	7.939	128	21600	22.542	ng/u1	98
13) 2-Methylphenol	8.814	108	21844	20.201	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.896	45	24491	18.190	ng/u1#	92
16) Acetophenone	9.208	105	37380	20.647	ng/u1	98
17) N-Nitroso-di-n-propyla...	9.178	70	19903	19.130	ng/u1	94
18) 4-Methylphenol	9.149	108	25124	21.466	ng/u1	99
19) Hexachloroethane	9.478	117	9057	22.591	ng/u1	100
22) Nitrobenzene	9.601	77	30329	20.364	ng/u1	96
23) Isophorone	10.118	82	54340	19.176	ng/u1	99
25) 2-Nitrophenol	10.318	139	13171	22.278	ng/u1	98
26) 2,4-Dimethylphenol	10.365	107	28902	21.549	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.594	93	28294	19.208	ng/u1	99
29) 2,4-Dichlorophenol	10.858	162	25491	23.847	ng/u1	96
30) Naphthalene	11.269	128	76289	22.123	ng/u1	98
32) 4-Chloroaniline	11.369	127	33103	21.285	ng/u1	97
33) Hexachlorobutadiene	11.540	225	21037	23.204	ng/u1	94
34) Caprolactam	12.121	113	7662	21.292	ng/u1	96
35) 4-Chloro-3-methylphenol	12.468	107	28027	22.788	ng/u1	96
36) 2-Methylnaphthalene	12.844	142	56194	22.221	ng/u1	97

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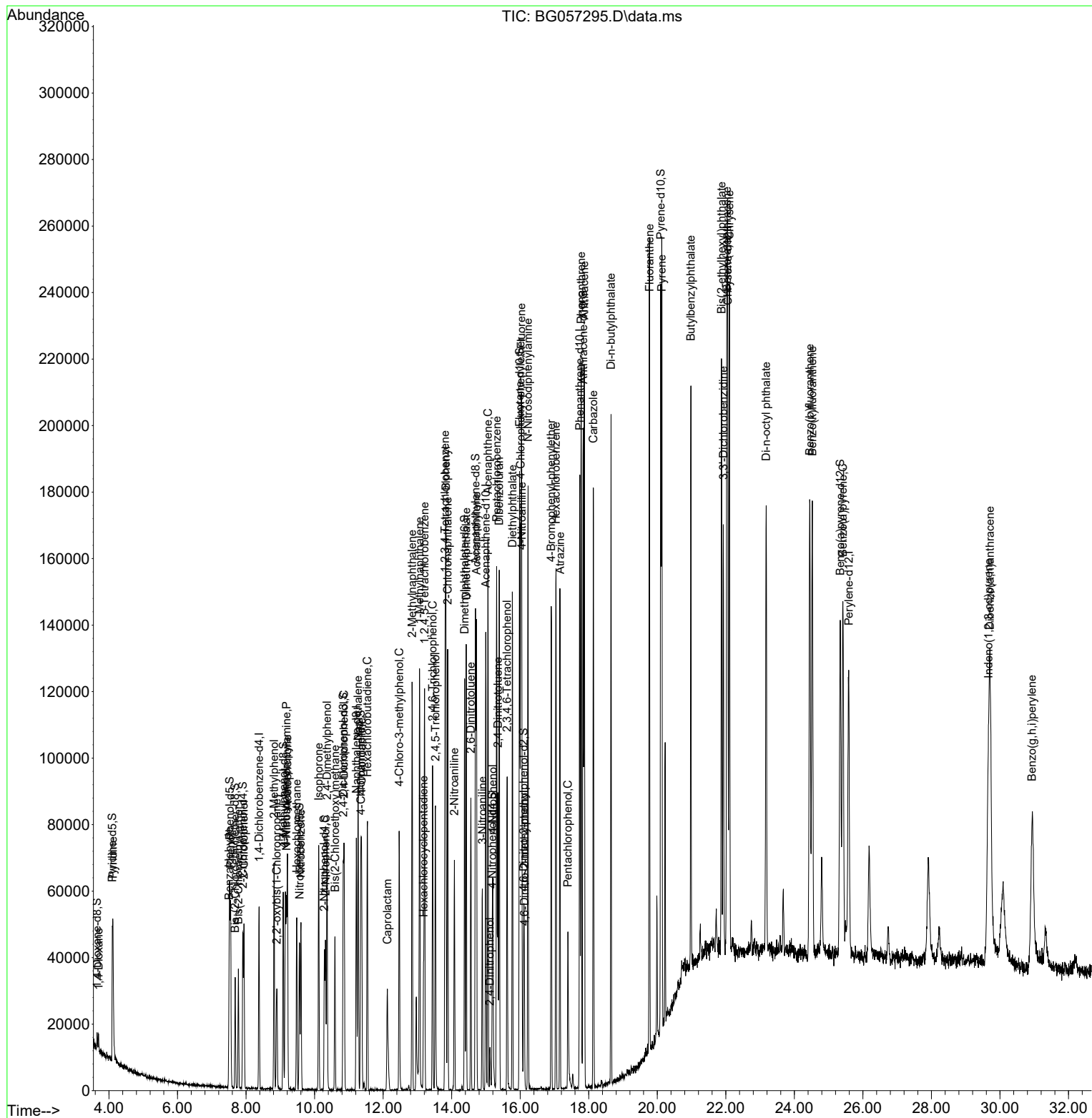
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.061	142	55618	21.872	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.208	216	41390	23.077	ng/ul	99
40) Hexachlorocyclopentadiene	13.179	237	10495	11.726	ng/ul	95
41) 2,4,6-Trichlorophenol	13.443	196	25436	24.351	ng/ul	94
42) 2,4,5-Trichlorophenol	13.525	196	25653	22.874	ng/ul	97
43) 1,1'-Biphenyl	13.831	154	83126	22.073	ng/ul	99
44) 2-Chloronaphthalene	13.884	162	66160	22.658	ng/ul	98
45) 2-Nitroaniline	14.077	65	20132	22.838	ng/ul	94
47) Dimethylphthalate	14.424	163	83691	21.311	ng/ul	99
48) 2,6-Dinitrotoluene	14.559	165	17917	22.169	ng/ul	99
50) Acenaphthylene	14.724	152	101256	22.670	ng/ul	99
51) 3-Nitroaniline	14.894	138	14449	25.232	ng/ul	88
52) Acenaphthene	15.058	153	70968	22.300	ng/ul	98
53) 2,4-Dinitrophenol	15.111	184	4427	10.286	ng/ul	93
55) 4-Nitrophenol	15.199	109	12086	18.729	ng/ul	91
56) Dibenzofuran	15.387	168	102905	22.392	ng/ul	97
57) 2,4-Dinitrotoluene	15.346	165	25848	22.341	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.617	232	23802	23.357	ng/ul	95
59) Diethylphthalate	15.769	149	84435	21.162	ng/ul	99
61) Fluorene	16.034	166	86473	22.253	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.010	204	50442	22.240	ng/ul	97
63) 4-Nitroaniline	16.045	138	11533	21.267	ng/ul	93
66) 4,6-Dinitro-2-methylph...	16.122	198	10421	13.945	ng/ul#	92
67) N-Nitrosodiphenylamine	16.227	169	72466	22.413	ng/ul	99
68) 4-Bromophenyl-phenylether	16.903	248	33986	22.973	ng/ul	98
69) Hexachlorobenzene	17.044	284	36111	23.180	ng/ul	99
70) Atrazine	17.162	200	32123	22.354	ng/ul	98
71) Pentachlorophenol	17.391	266	12042	16.723	ng/ul	95
72) Phenanthrene	17.778	178	141490	21.951	ng/ul	99
74) Anthracene	17.866	178	142563	22.019	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.807	216	44458	23.880	ng/ul	96
76) Pentachlorobenzene	15.311	250	44104	23.274	ng/ul	97
77) Carbazole	18.131	167	119465	22.079	ng/ul	99
78) Di-n-butylphthalate	18.648	149	135547	21.907	ng/ul	99
80) Fluoranthene	19.770	202	161820	23.833	ng/ul#	96
82) Pyrene	20.128	202	158759	23.097	ng/ul	98
83) Butylbenzylphthalate	20.980	149	51422	23.360	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.926	252	49760	23.267	ng/ul	98
85) Benzo(a)anthracene	22.031	228	152442	22.383	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.873	149	73091	22.830	ng/ul	96
87) Chrysene	22.102	228	142272	22.141	ng/ul	99
89) Di-n-octyl phthalate	23.177	149	123089	21.464	ng/ul	100
90) Benzo(b)fluoranthene	24.446	252	157833	21.947	ng/ul	96
91) Benzo(k)fluoranthene	24.522	252	149174	21.321	ng/ul	99
93) Benzo(a)pyrene	25.415	252	135569	21.836	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	29.668	276	160974	20.742	ng/ul	97
95) Dibenzo(a,h)anthracene	29.709	278	132215	20.545	ng/ul	97
96) Benzo(g,h,i)perylene	30.931	276	54330	8.650	ng/ul#	96

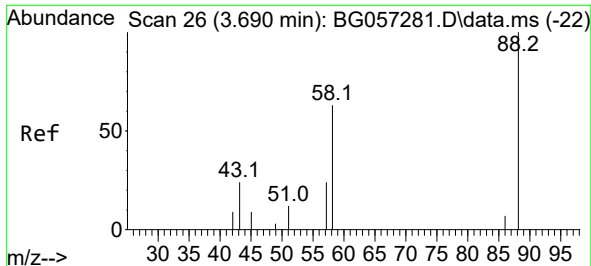
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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020473

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Quant Title : SVOA CALIBRATION
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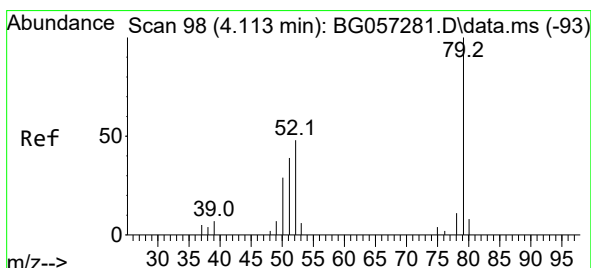
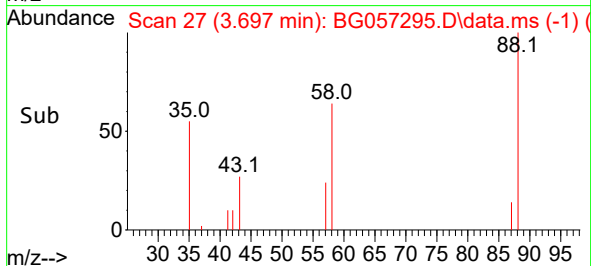
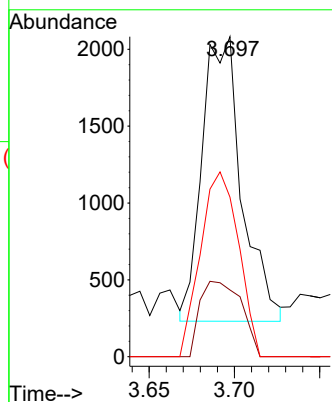
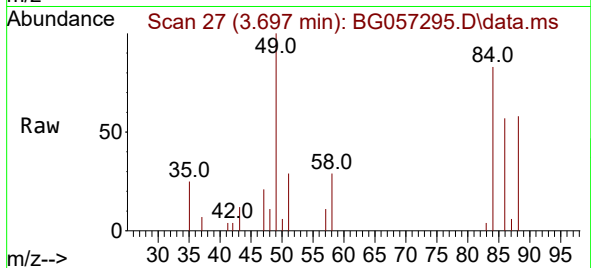




#2
1,4-Dioxane
Concen: 8.456 ng/uL
RT: 3.697 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

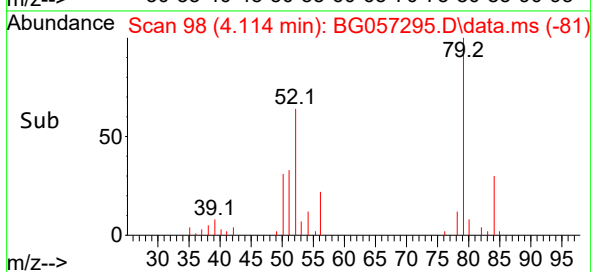
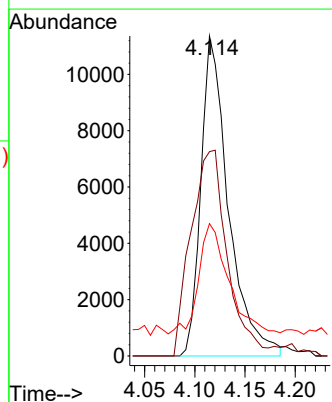
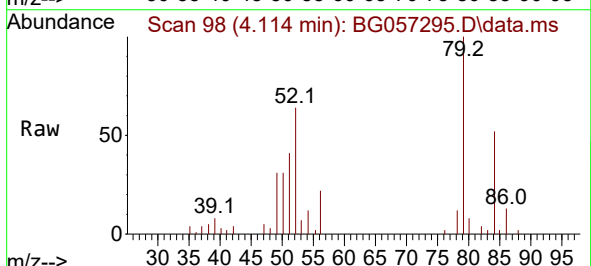
Instrument :
BNA_G
ClientSampleId :
SSTD020473

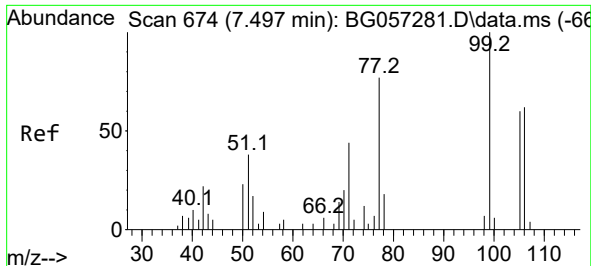
Tgt Ion: 88 Resp: 2983
Ion Ratio Lower Upper
88 100
43 20.9 28.2 42.4#
58 49.9 63.3 94.9#



#5
Pyridine
Concen: 19.664 ng/uL
RT: 4.114 min Scan# 98
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion: 79 Resp: 21738
Ion Ratio Lower Upper
79 100
52 63.9 62.4 93.6
51 41.4 29.0 43.4

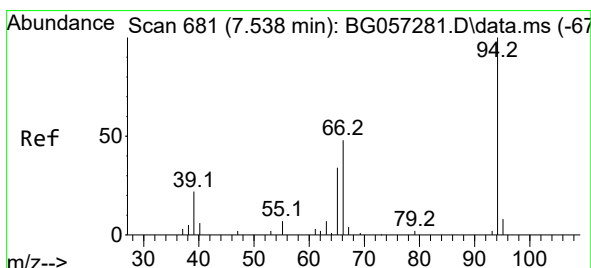
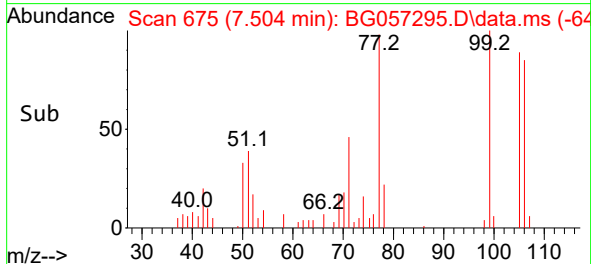
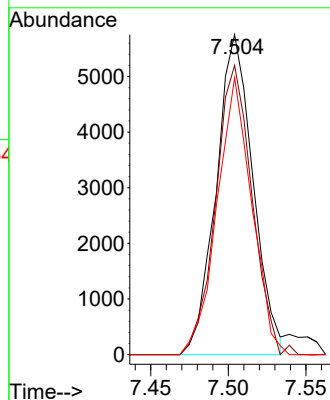
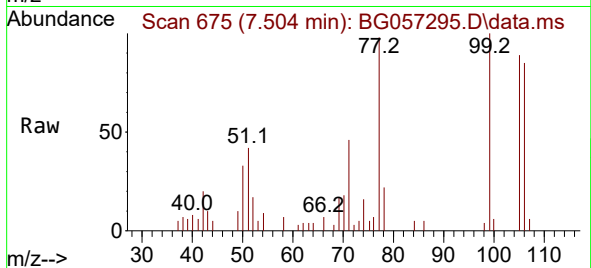




#6
Benzaldehyde
Concen: 22.443 ng/ul
RT: 7.504 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

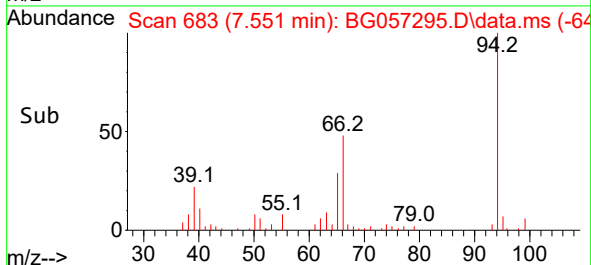
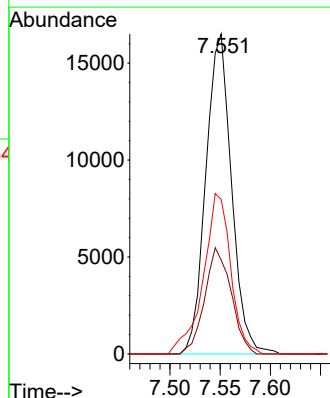
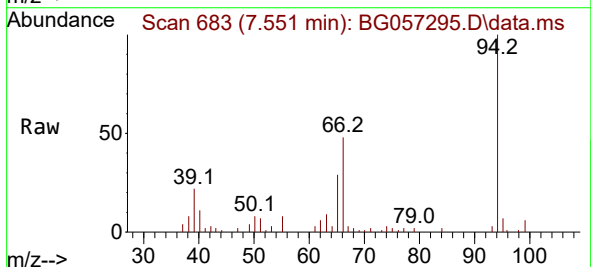
Instrument :
BNA_G
ClientSampleId :
SSTD020473

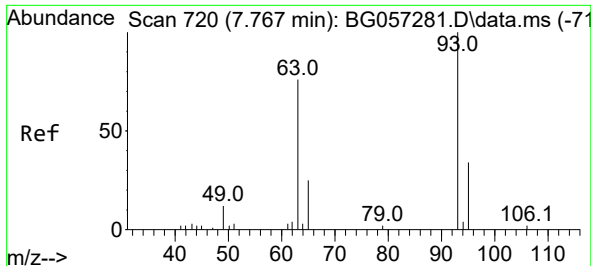
Tgt Ion: 77 Resp: 9489
Ion Ratio Lower Upper
77 100
105 90.4 79.8 119.6
106 86.6 78.7 118.1



#8
Phenol
Concen: 21.095 ng/ul
RT: 7.551 min Scan# 683
Delta R.T. 0.010 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion: 94 Resp: 29433
Ion Ratio Lower Upper
94 100
65 29.4 25.5 38.3
66 48.3 36.9 55.3





#10

Bis(2-Chloroethyl)ether

Concen: 19.872 ng/ul

RT: 7.774 min Scan# 71

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

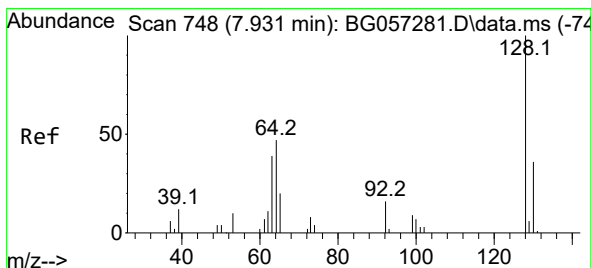
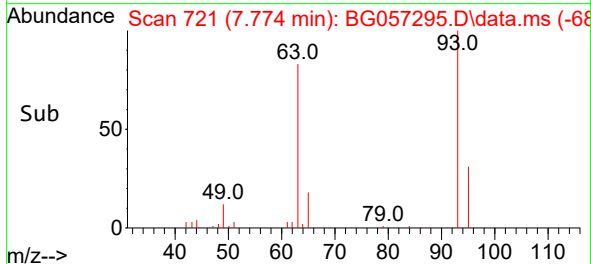
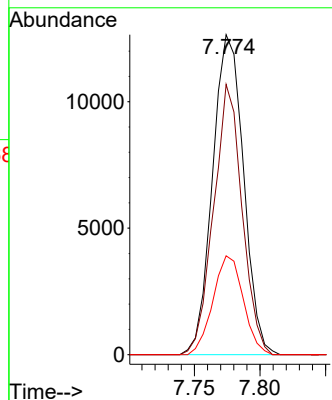
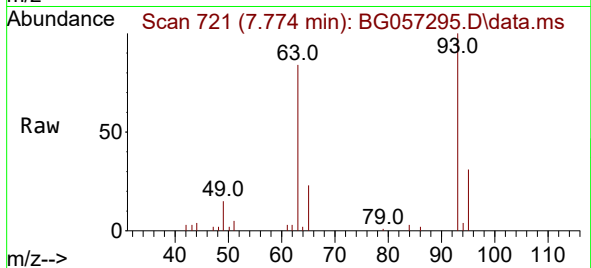
Tgt Ion: 93 Resp: 20752

Ion Ratio Lower Upper

93 100

63 84.5 67.2 100.8

95 30.9 26.3 39.5



#12

2-Chlorophenol

Concen: 22.542 ng/ul

RT: 7.939 min Scan# 749

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

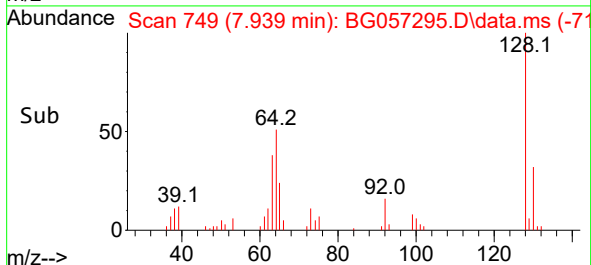
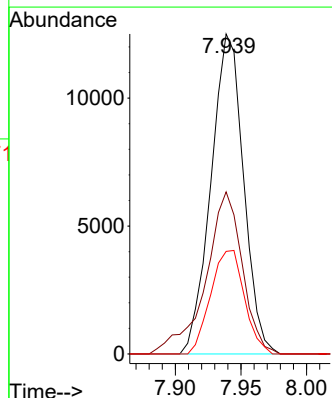
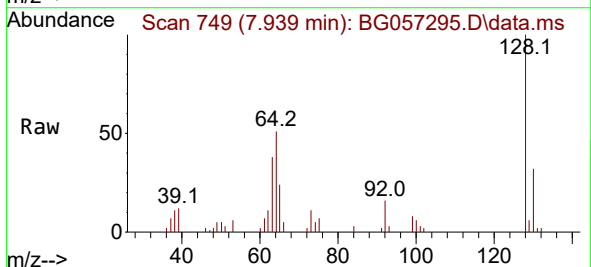
Tgt Ion:128 Resp: 21600

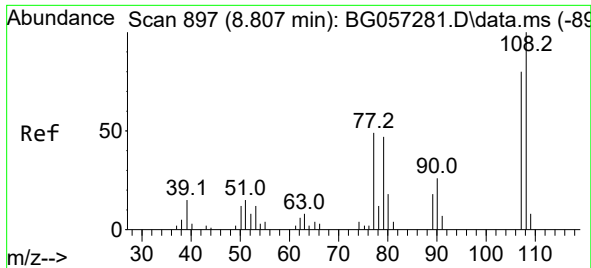
Ion Ratio Lower Upper

128 100

64 50.7 41.3 61.9

130 32.1 24.6 37.0





#13

2-Methylphenol

Concen: 20.201 ng/ul

RT: 8.814 min Scan# 897

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

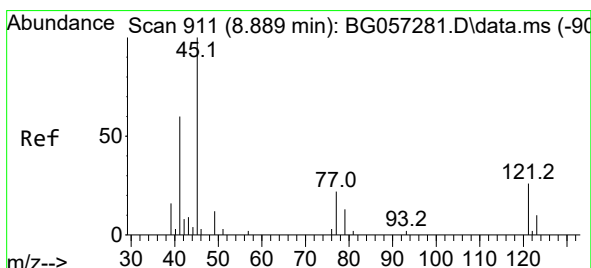
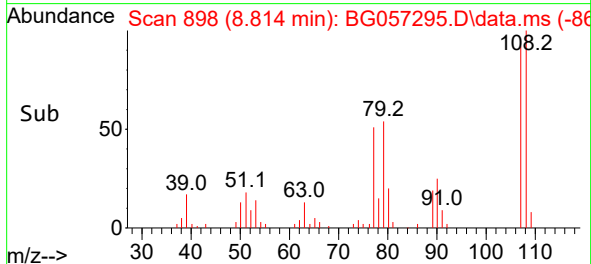
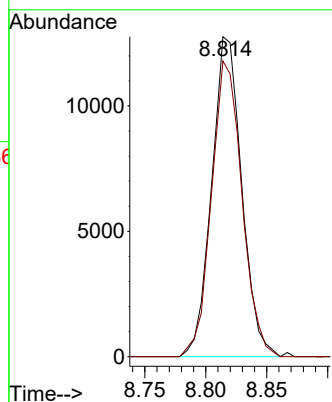
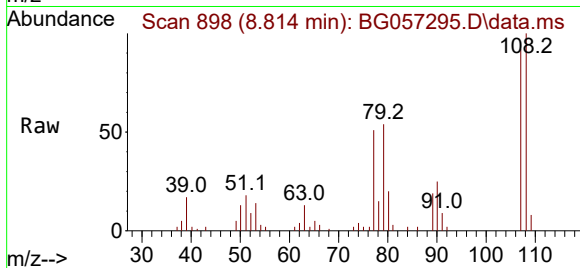
SSTD020473

Tgt Ion:108 Resp: 21844

Ion Ratio Lower Upper

108 100

107 92.4 80.0 120.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.190 ng/ul

RT: 8.896 min Scan# 912

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

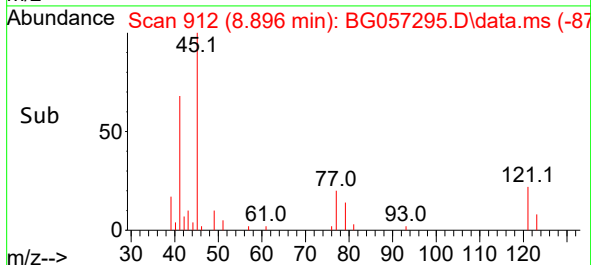
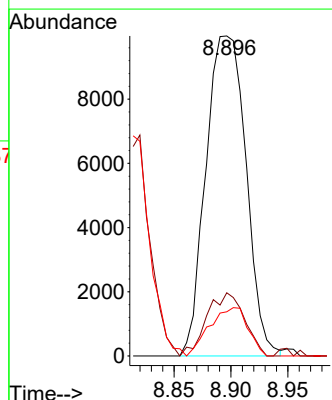
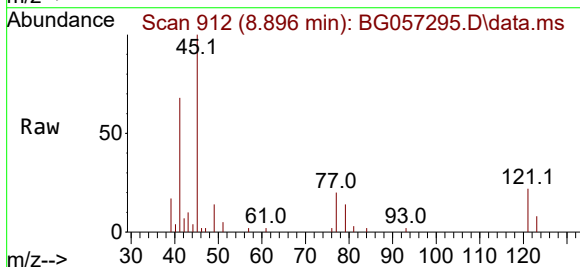
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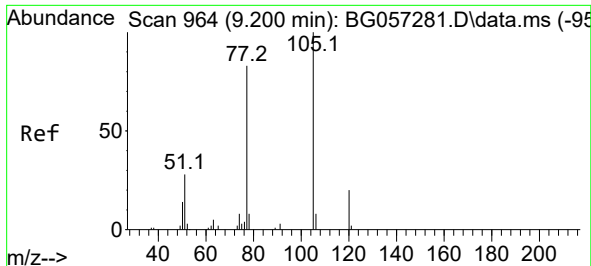
Ion Ratio Lower Upper

45 100

77 19.7 12.9 19.3#

79 13.8 8.9 13.3#

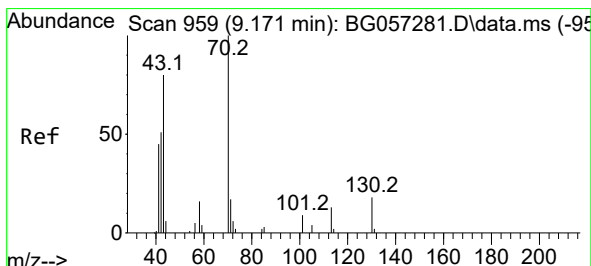
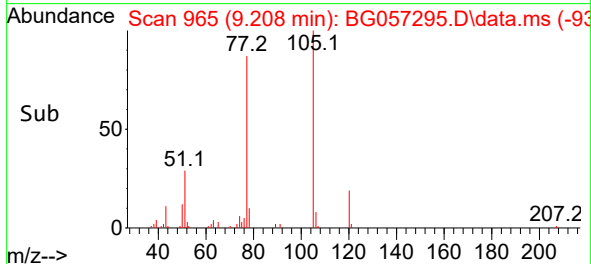
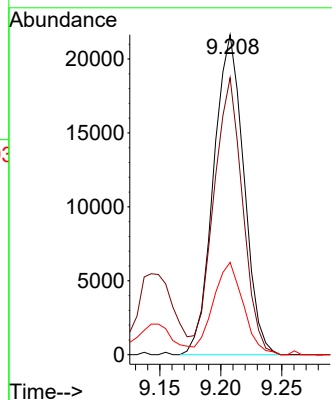
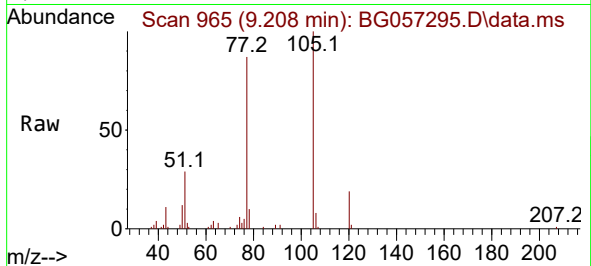




#16
Acetophenone
Concen: 20.647 ng/ul
RT: 9.208 min Scan# 90
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

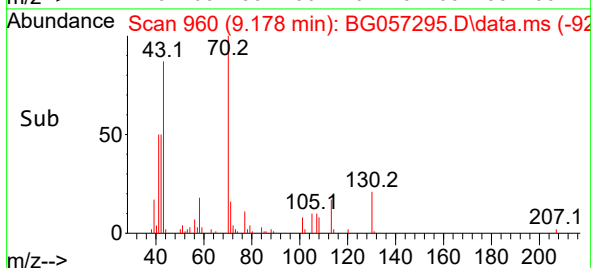
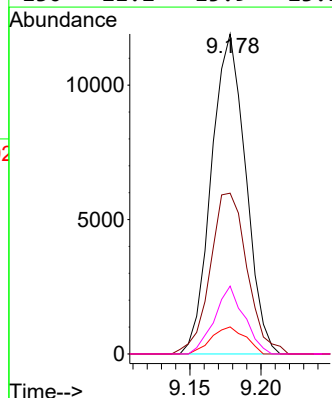
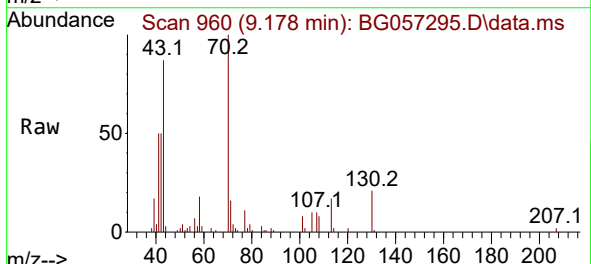
Instrument :
BNA_G
ClientSampleId :
SSTD020473

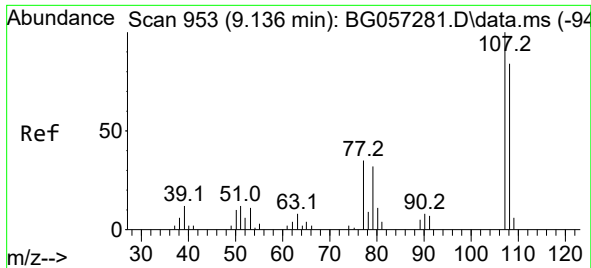
Tgt Ion:105 Resp: 37380
Ion Ratio Lower Upper
105 100
77 86.5 70.6 105.8
51 28.8 24.5 36.7



#17
N-Nitroso-di-n-propylamine
Concen: 19.130 ng/ul
RT: 9.178 min Scan# 960
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion: 70 Resp: 19903
Ion Ratio Lower Upper
70 100
42 50.3 45.0 67.4
101 8.4 6.5 9.7
130 21.2 15.9 23.9

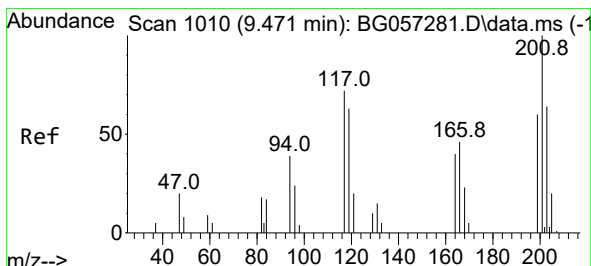
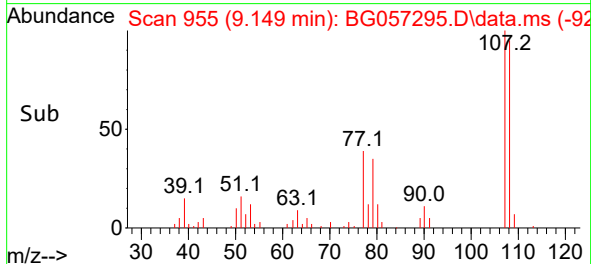
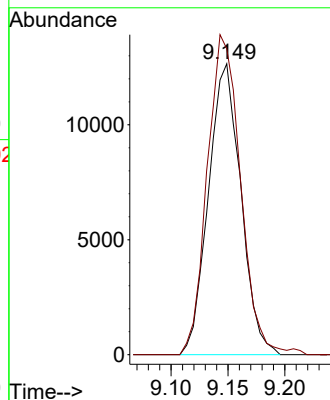
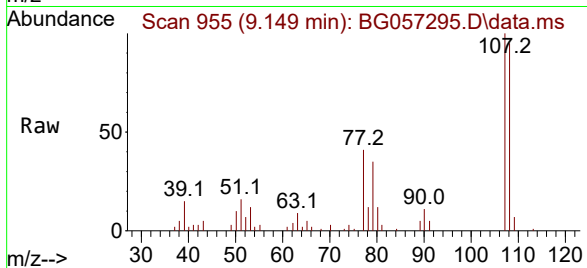




#18
4-Methylphenol
Concen: 21.466 ng/ul
RT: 9.149 min Scan# 91
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

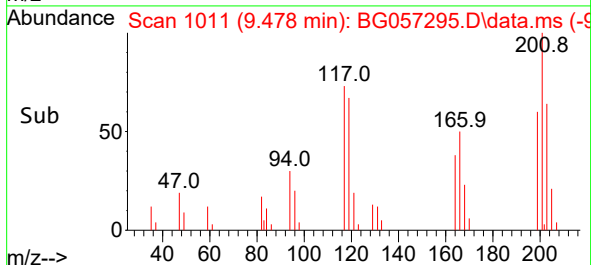
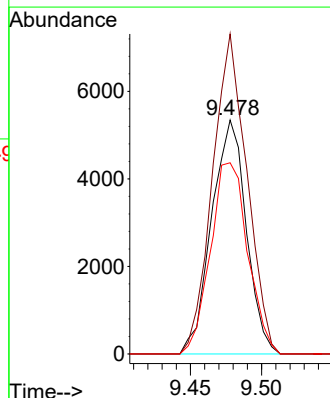
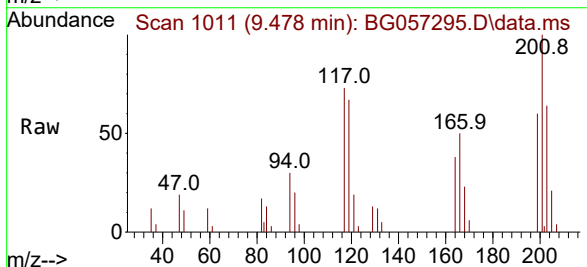
Instrument :
BNA_G
ClientSampleId :
SSTD020473

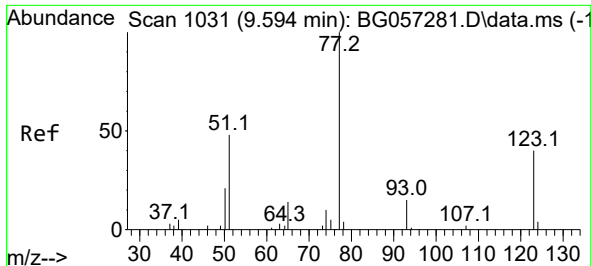
Tgt Ion:108 Resp: 25124
Ion Ratio Lower Upper
108 100
107 105.2 85.1 127.7



#19
Hexachloroethane
Concen: 22.591 ng/ul
RT: 9.478 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:117 Resp: 9057
Ion Ratio Lower Upper
117 100
201 136.8 109.4 164.2
199 81.8 65.4 98.2

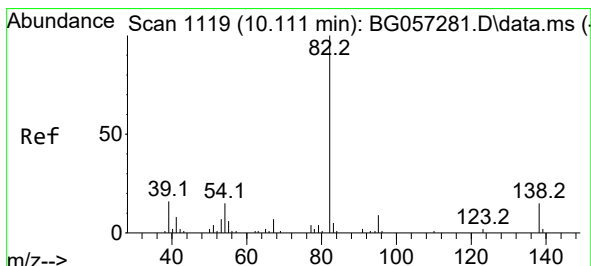
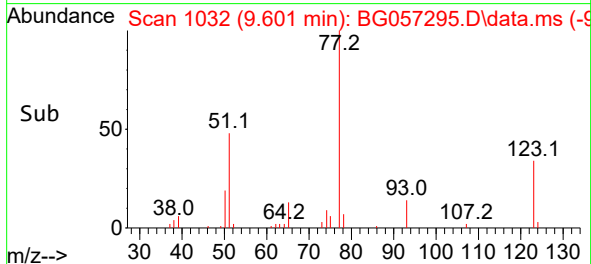
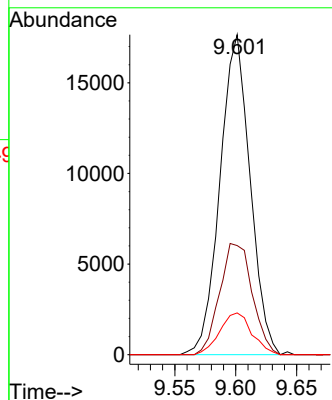
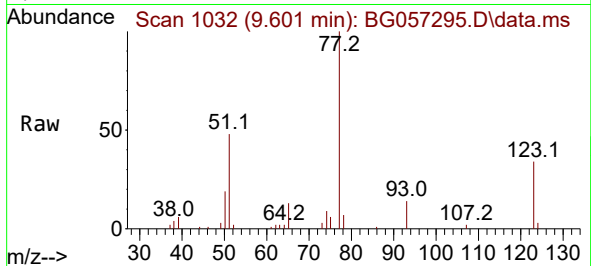




#22
Nitrobenzene
Concen: 20.364 ng/ul
RT: 9.601 min Scan# 110
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

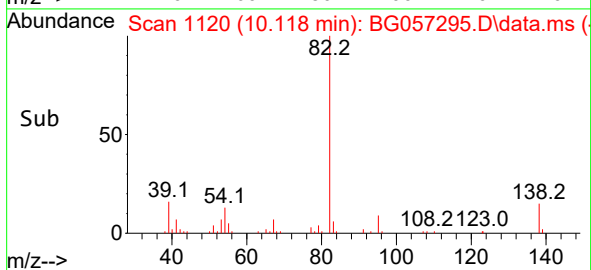
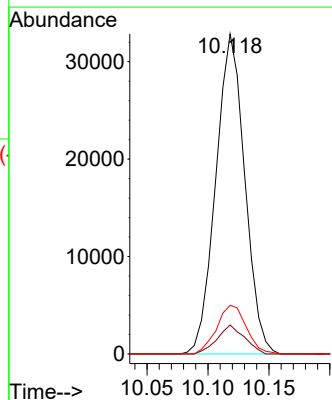
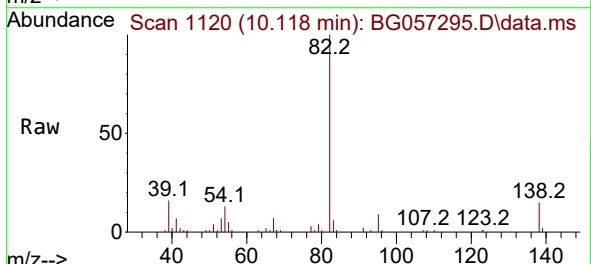
Instrument :
BNA_G
ClientSampleId :
SSTD020473

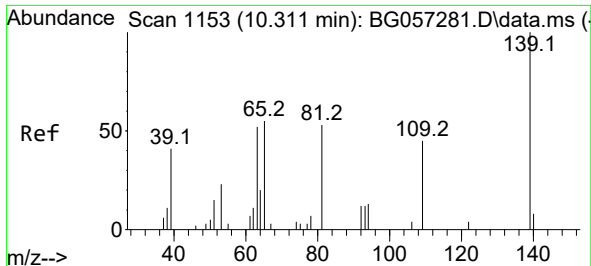
Tgt Ion: 77 Resp: 30329
Ion Ratio Lower Upper
77 100
123 34.1 29.6 44.4
65 13.1 11.4 17.0



#23
Isophorone
Concen: 19.176 ng/ul
RT: 10.118 min Scan# 1120
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion: 82 Resp: 54340
Ion Ratio Lower Upper
82 100
95 9.1 6.8 10.2
138 15.2 12.2 18.2

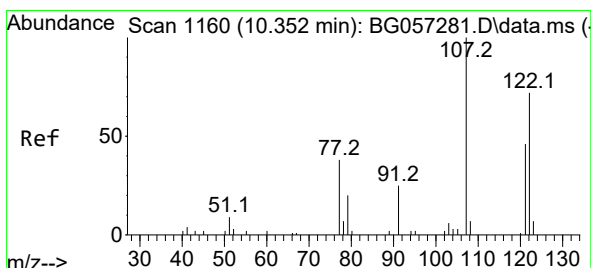
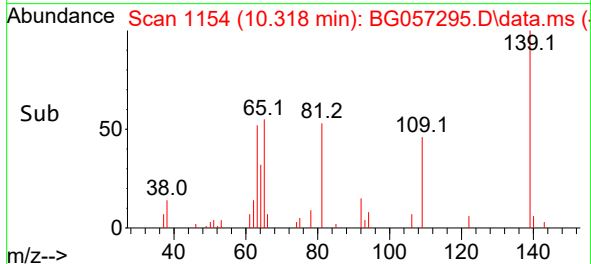
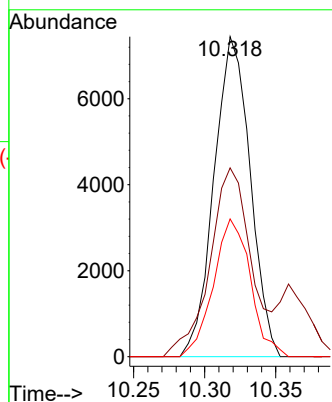
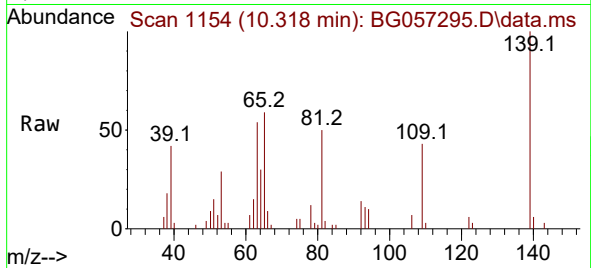




#25
2-Nitrophenol
Concen: 22.278 ng/ul
RT: 10.318 min Scan# 1153
Delta R.T. -0.008 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

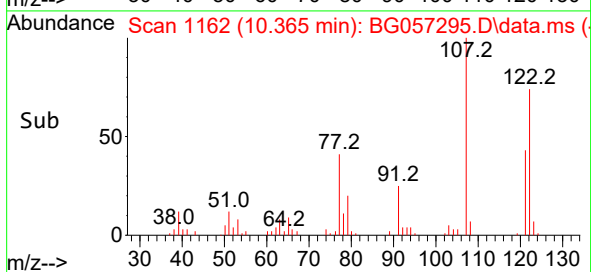
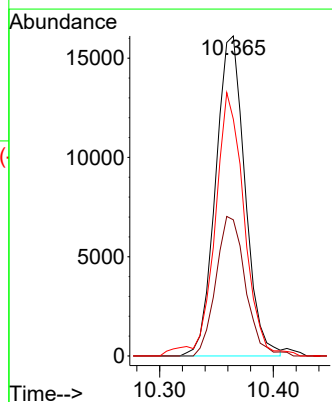
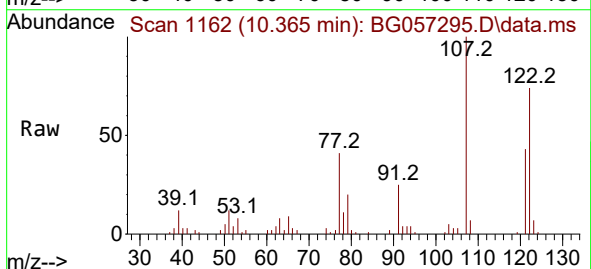
Instrument :
BNA_G
ClientSampleId :
SSTD020473

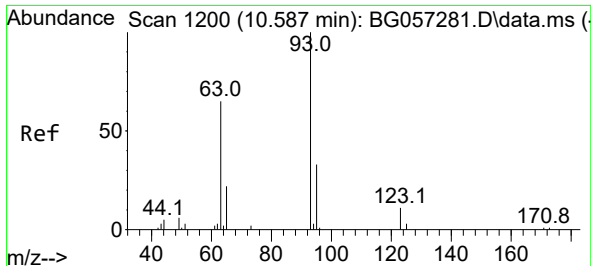
Tgt Ion:139 Resp: 13171
Ion Ratio Lower Upper
139 100
65 59.0 48.7 73.1
109 43.1 35.2 52.8



#26
2,4-Dimethylphenol
Concen: 21.549 ng/ul
RT: 10.365 min Scan# 1162
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:107 Resp: 28902
Ion Ratio Lower Upper
107 100
121 42.5 35.4 53.0
122 74.0 57.0 85.4





#27

Bis(2-Chloroethoxy)methane

Concen: 19.208 ng/ul

RT: 10.594 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

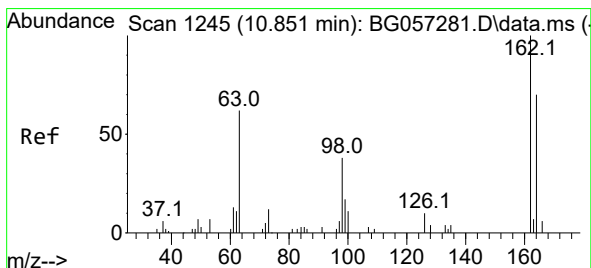
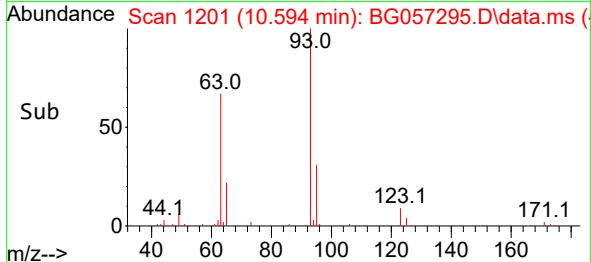
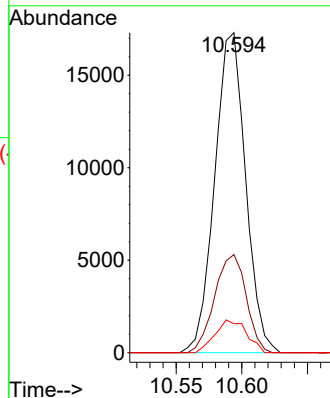
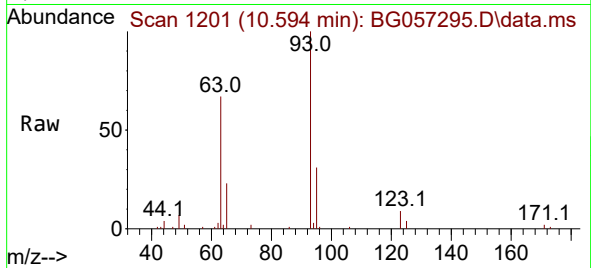
Tgt Ion: 93 Resp: 28294

Ion Ratio Lower Upper

93 100

95 30.6 24.8 37.2

123 9.1 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 23.847 ng/ul

RT: 10.858 min Scan# 1246

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

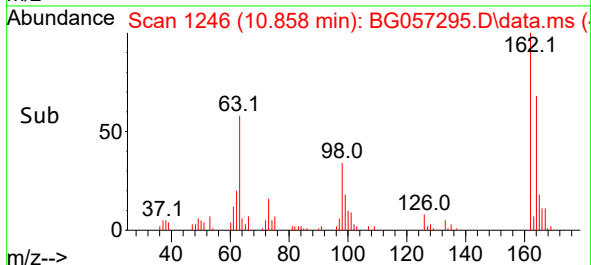
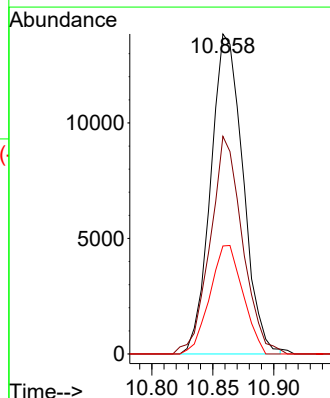
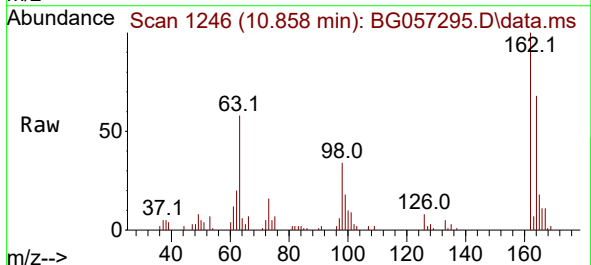
Tgt Ion:162 Resp: 25491

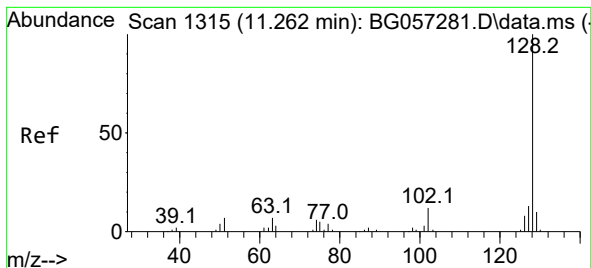
Ion Ratio Lower Upper

162 100

164 68.0 50.5 75.7

98 33.7 27.5 41.3





#30

Naphthalene

Concen: 22.123 ng/ul

RT: 11.269 min Scan# 1315

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

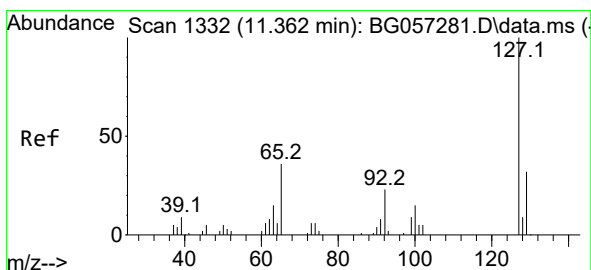
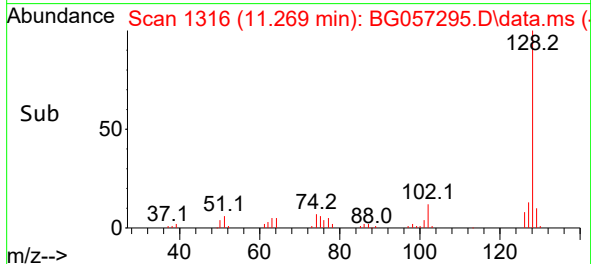
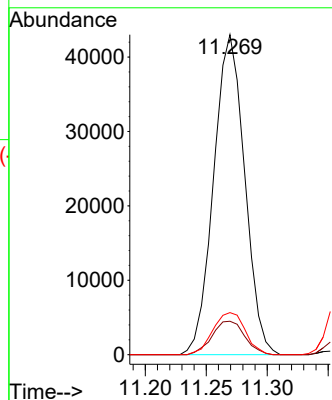
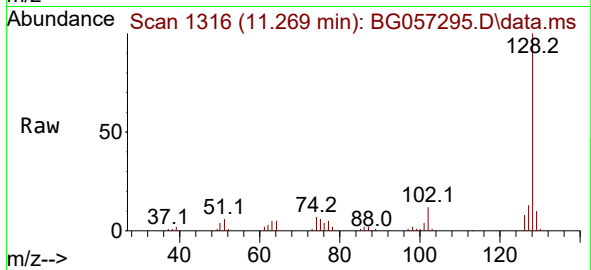
Tgt Ion:128 Resp: 76289

Ion Ratio Lower Upper

128 100

129 10.4 8.5 12.7

127 13.2 11.4 17.0



#32

4-Chloroaniline

Concen: 21.285 ng/ul

RT: 11.369 min Scan# 1333

Delta R.T. -0.002 min

Lab File: BG057295.D

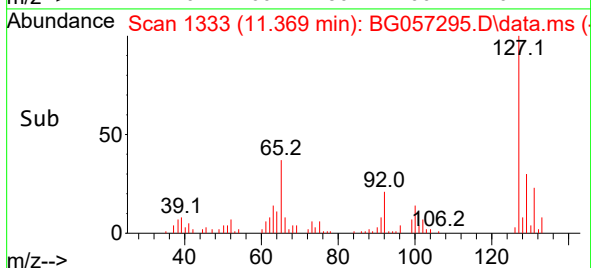
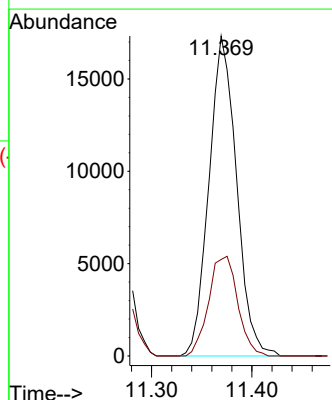
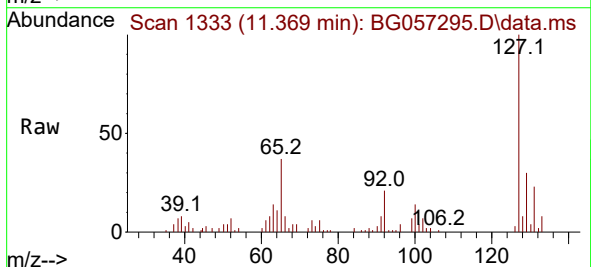
Acq: 3 May 2023 21:23

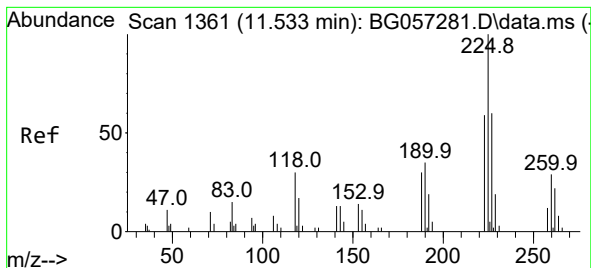
Tgt Ion:127 Resp: 33103

Ion Ratio Lower Upper

127 100

129 30.2 25.4 38.0

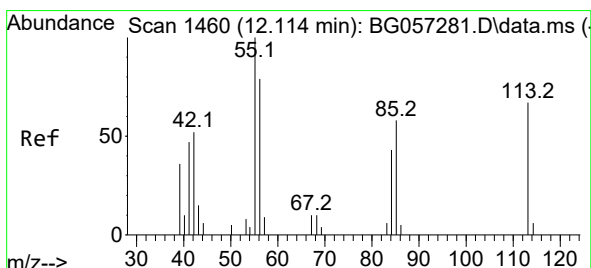
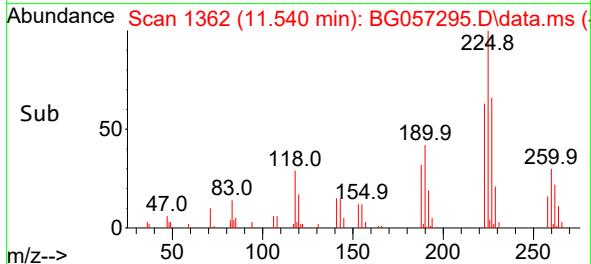
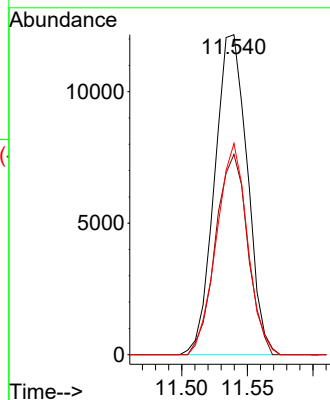
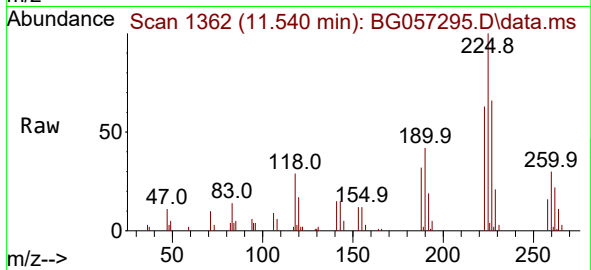




#33
Hexachlorobutadiene
Concen: 23.204 ng/ul
RT: 11.540 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

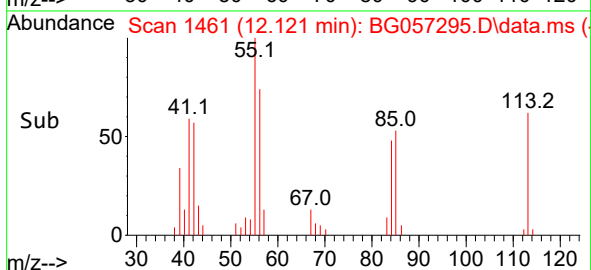
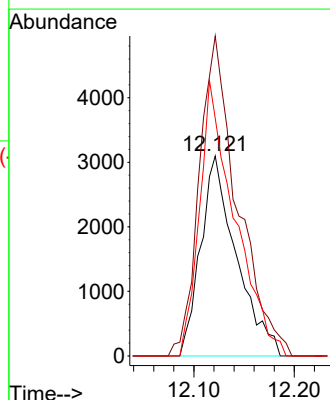
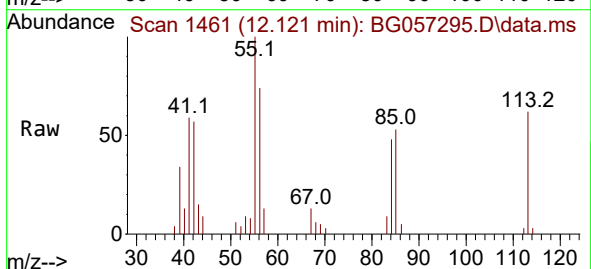
Instrument :
BNA_G
ClientSampleId :
SSTD020473

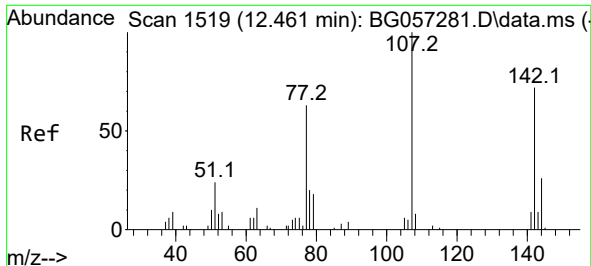
Tgt Ion:225 Resp: 21037
Ion Ratio Lower Upper
225 100
223 62.6 47.5 71.3
227 66.0 48.4 72.6



#34
Caprolactam
Concen: 21.292 ng/ul
RT: 12.121 min Scan# 1461
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:113 Resp: 7662
Ion Ratio Lower Upper
113 100
55 160.1 123.1 184.7
56 118.8 98.7 148.1

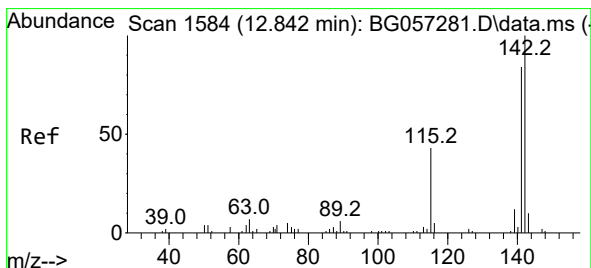
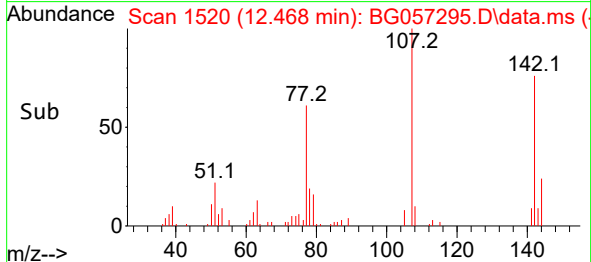
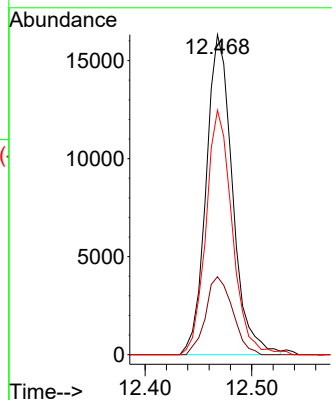
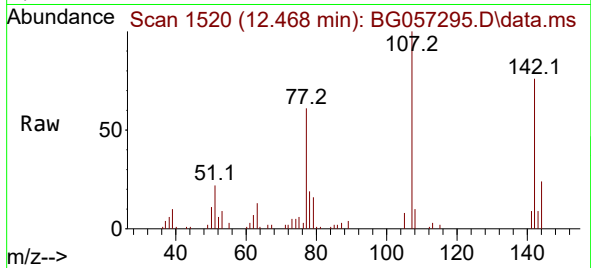




#35
 4-Chloro-3-methylphenol
 Concen: 22.788 ng/ul
 RT: 12.468 min Scan# 1519
 Delta R.T. 0.004 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

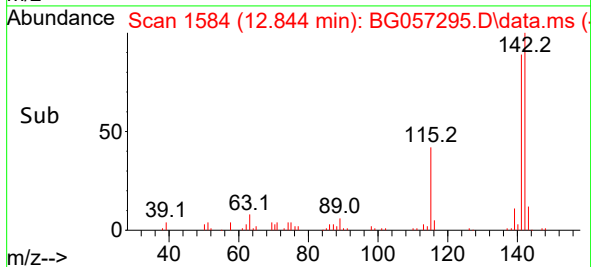
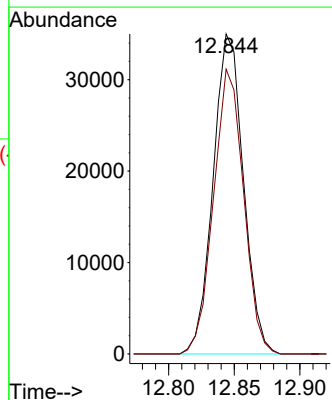
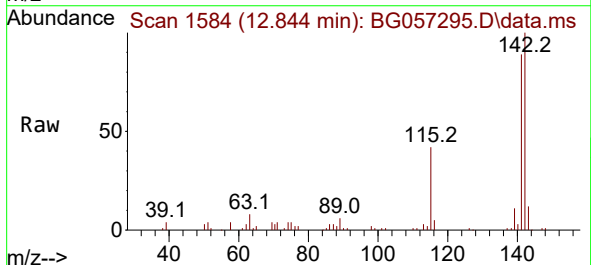
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

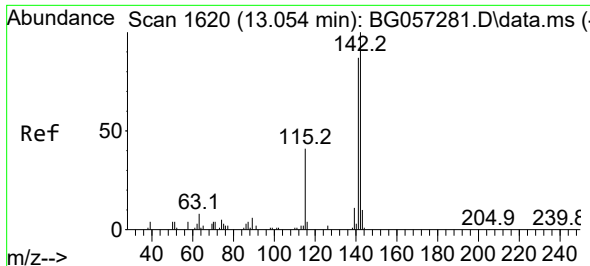
Tgt Ion:107 Resp: 28027
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.3 27.5
 142 76.4 58.6 88.0



#36
 2-Methylnaphthalene
 Concen: 22.221 ng/ul
 RT: 12.844 min Scan# 1584
 Delta R.T. -0.002 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

Tgt Ion:142 Resp: 56194
 Ion Ratio Lower Upper
 142 100
 141 89.0 68.7 103.1

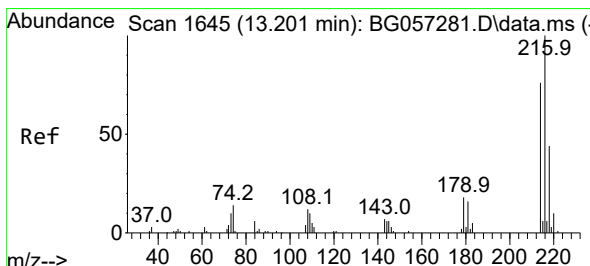
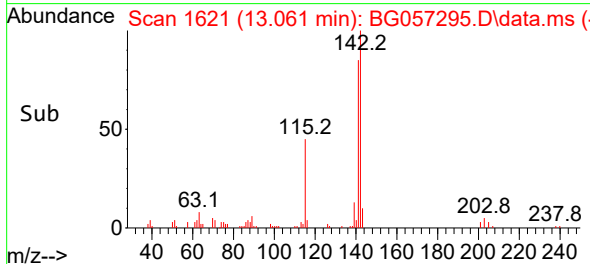
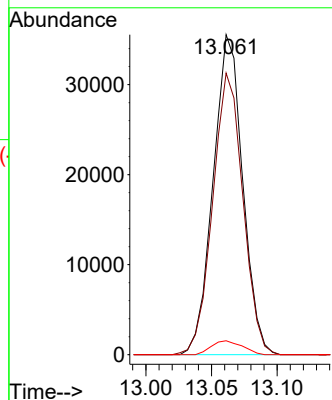
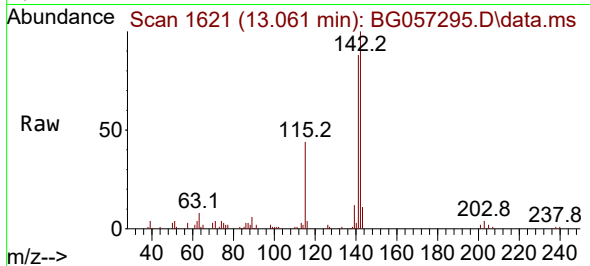




#37
1-Methylnaphthalene
Concen: 21.872 ng/ul
RT: 13.061 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

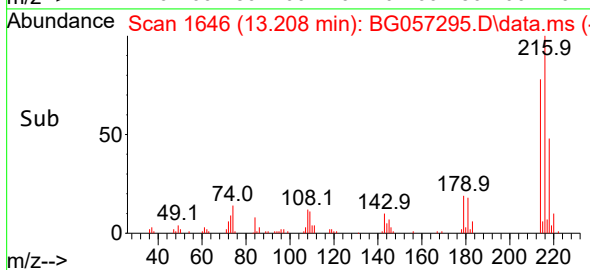
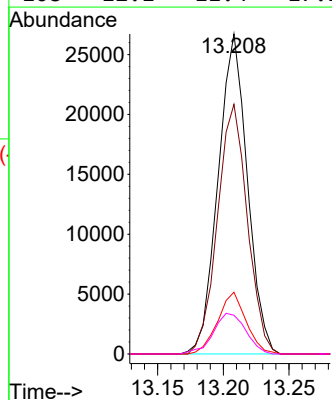
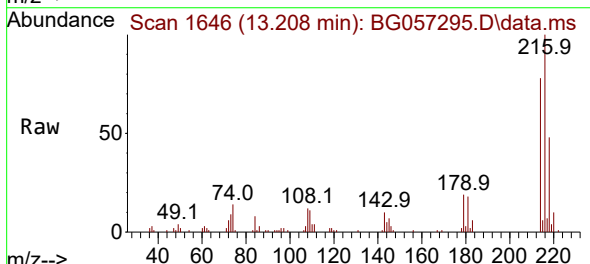
Instrument :
BNA_G
ClientSampleId :
SSTD020473

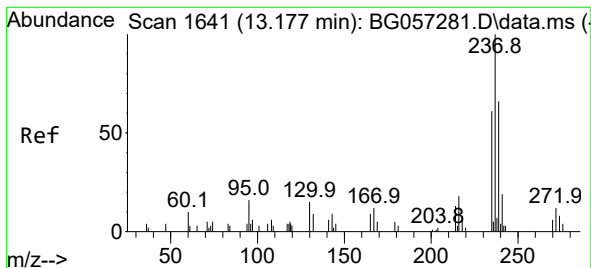
Tgt Ion:142 Resp: 55618
Ion Ratio Lower Upper
142 100
141 88.0 72.9 109.3
116 4.4 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 23.077 ng/ul
RT: 13.208 min Scan# 1646
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:216 Resp: 41390
Ion Ratio Lower Upper
216 100
214 78.0 62.9 94.3
179 19.3 15.3 22.9
108 12.1 11.4 17.2





#40

Hexachlorocyclopentadiene

Concen: 11.726 ng/ul

RT: 13.179 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

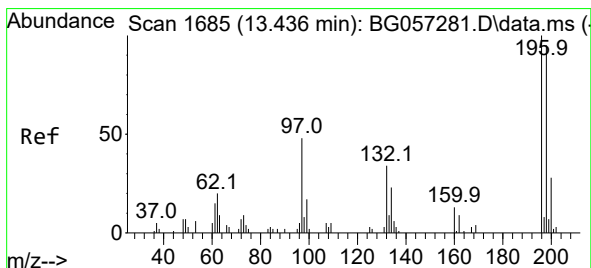
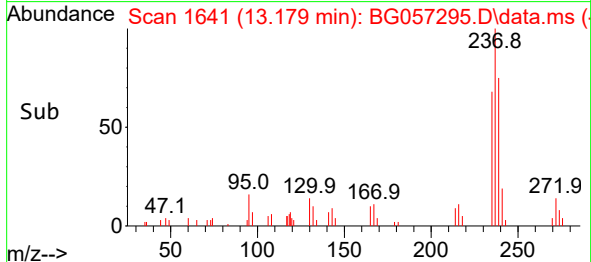
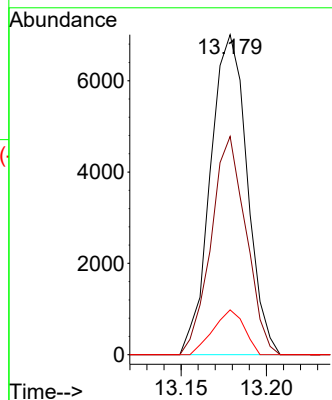
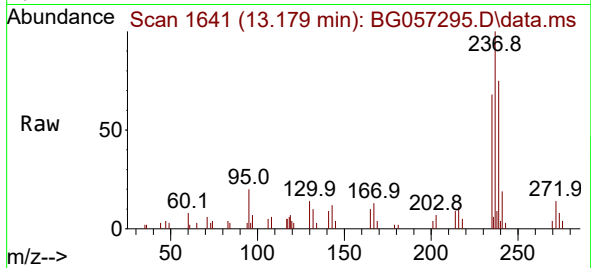
Tgt Ion:237 Resp: 10495

Ion Ratio Lower Upper

237 100

235 68.2 51.4 77.0

272 14.0 9.4 14.2



#41

2,4,6-Trichlorophenol

Concen: 24.351 ng/ul

RT: 13.443 min Scan# 1686

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

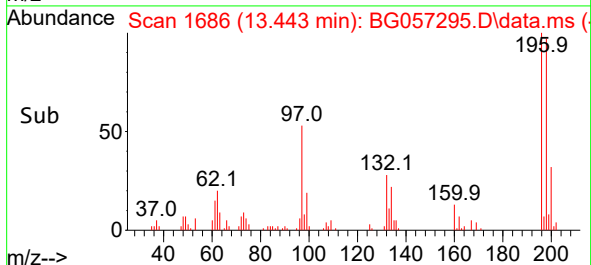
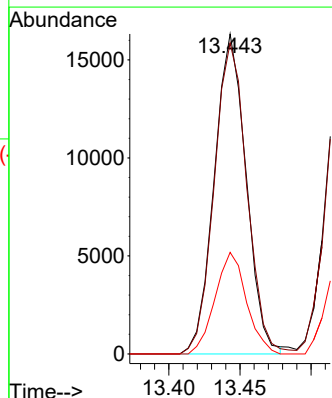
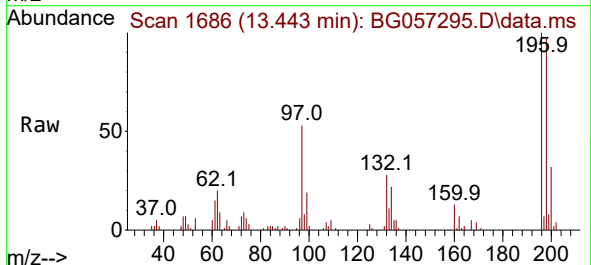
Tgt Ion:196 Resp: 25436

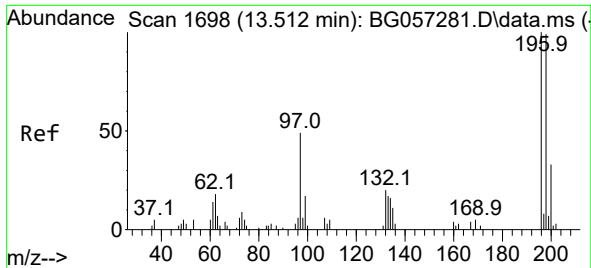
Ion Ratio Lower Upper

196 100

198 97.2 83.8 125.8

200 31.7 26.6 40.0

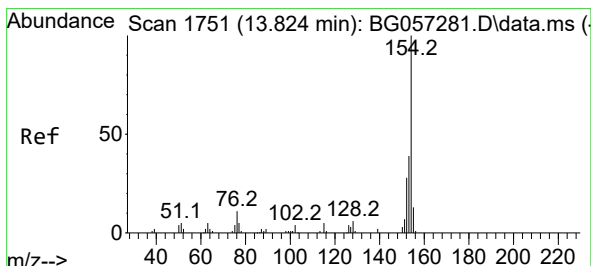
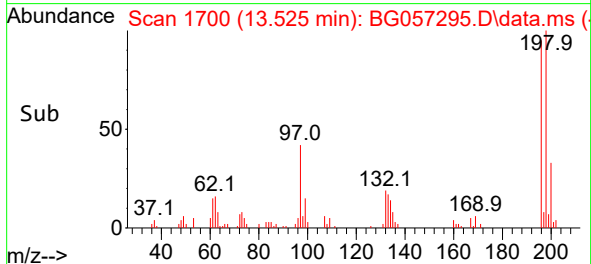
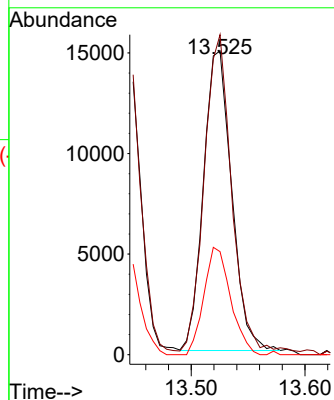
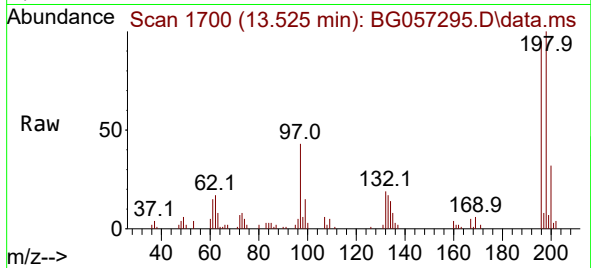




#42
2,4,5-Trichlorophenol
Concen: 22.874 ng/ul
RT: 13.525 min Scan# 11
Delta R.T. 0.010 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

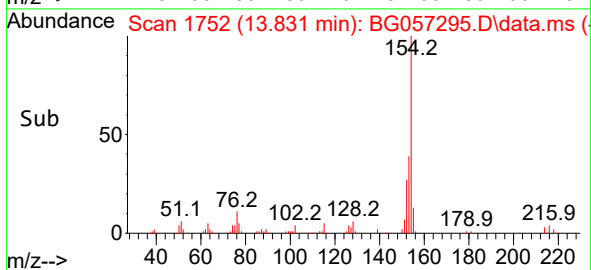
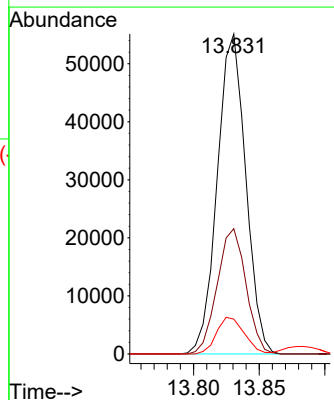
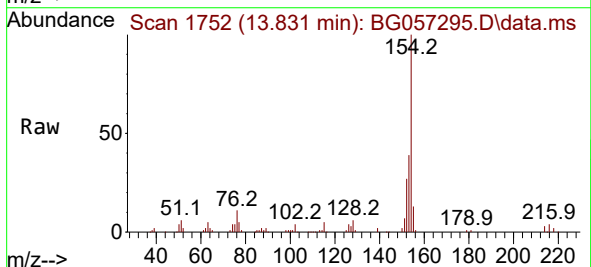
Instrument :
BNA_G
ClientSampleId :
SSTD020473

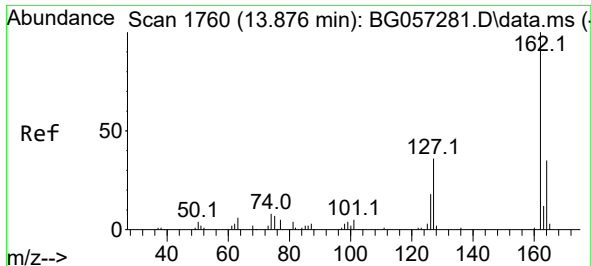
Tgt Ion:196 Resp: 25653
Ion Ratio Lower Upper
196 100
198 105.3 85.7 128.5
200 33.9 29.9 44.9



#43
1,1'-Biphenyl
Concen: 22.073 ng/ul
RT: 13.831 min Scan# 1752
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:154 Resp: 83126
Ion Ratio Lower Upper
154 100
153 39.2 31.6 47.4
76 10.9 8.0 12.0

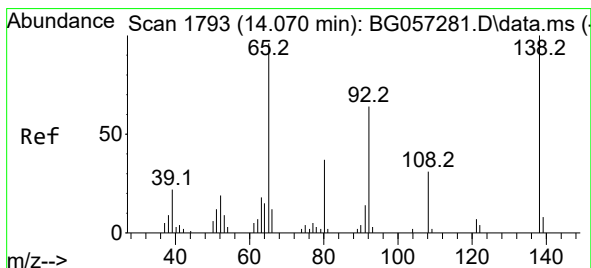
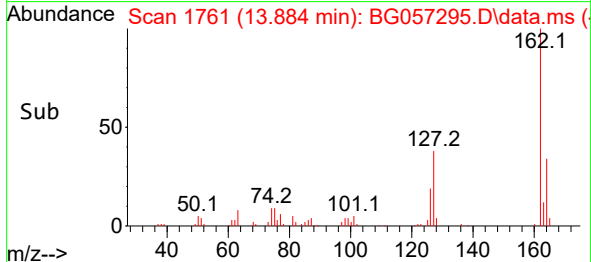
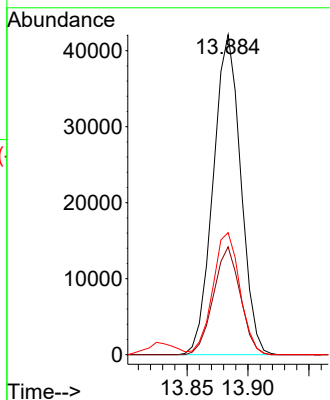
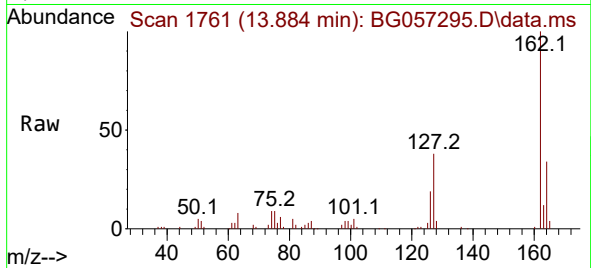




#44
2-Chloronaphthalene
Concen: 22.658 ng/ul
RT: 13.884 min Scan# 1761
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

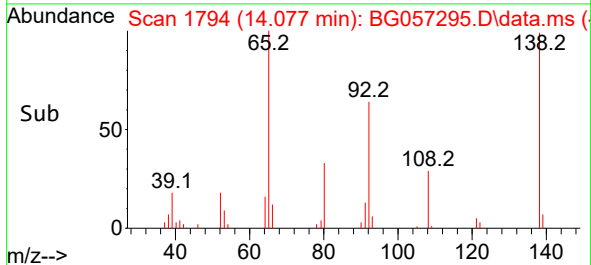
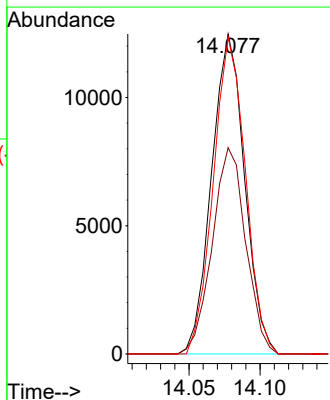
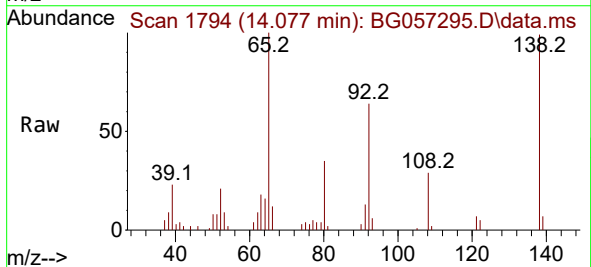
Instrument :
BNA_G
ClientSampleId :
SSTD020473

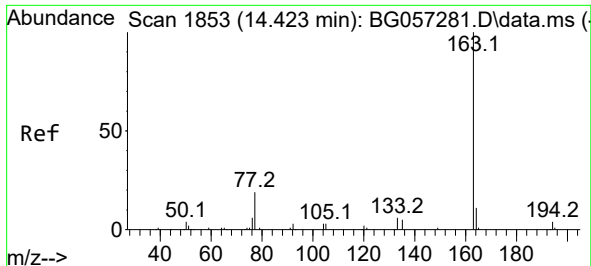
Tgt Ion:162 Resp: 66160
Ion Ratio Lower Upper
162 100
164 33.7 26.2 39.4
127 38.1 29.4 44.2



#45
2-Nitroaniline
Concen: 22.838 ng/ul
RT: 14.077 min Scan# 1794
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion: 65 Resp: 20132
Ion Ratio Lower Upper
65 100
92 64.5 51.8 77.6
138 99.0 71.9 107.9





#47

Dimethylphthalate

Concen: 21.311 ng/ul

RT: 14.424 min Scan# 1853

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

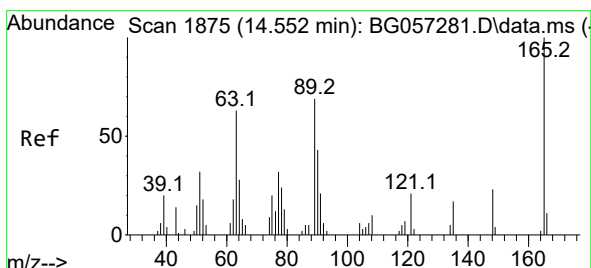
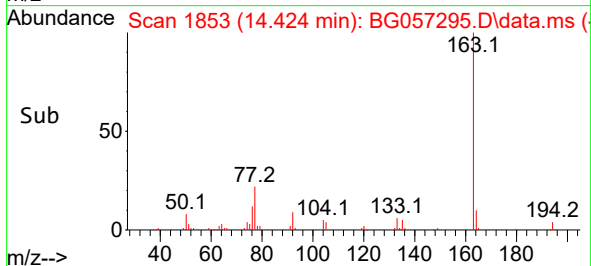
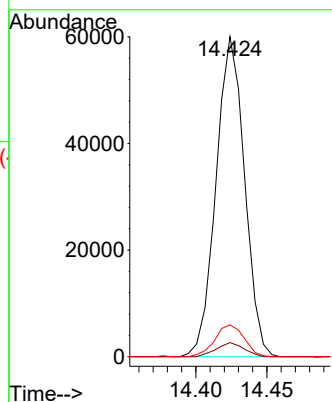
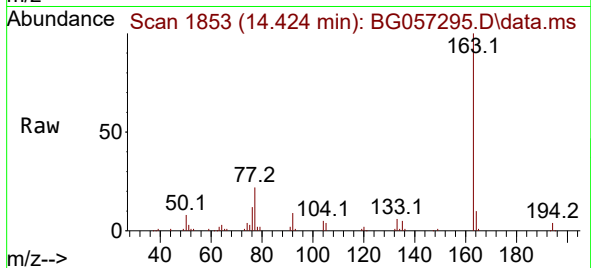
Tgt Ion:163 Resp: 83691

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 9.9 8.3 12.5



#48

2,6-Dinitrotoluene

Concen: 22.169 ng/ul

RT: 14.559 min Scan# 1876

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

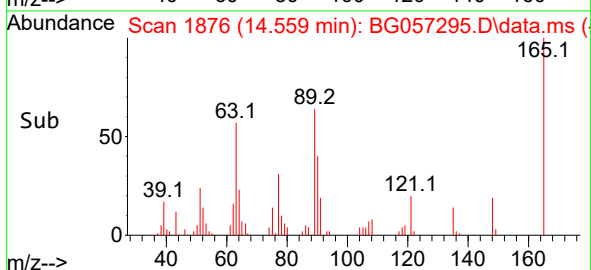
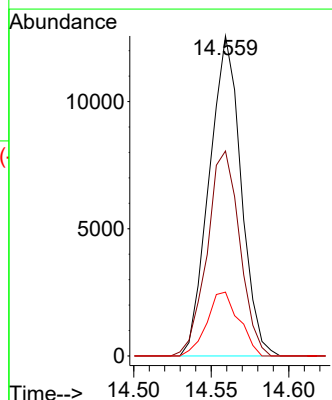
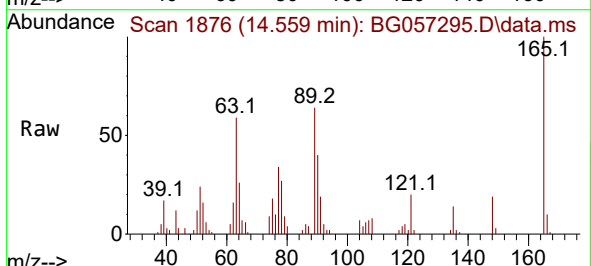
Tgt Ion:165 Resp: 17917

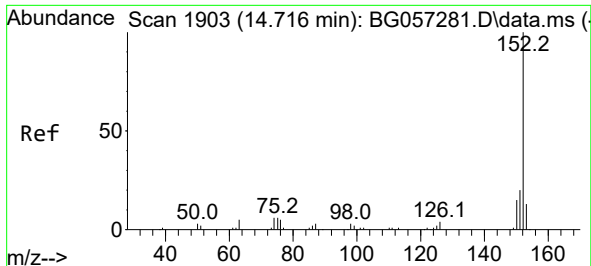
Ion Ratio Lower Upper

165 100

89 64.0 50.6 76.0

121 19.9 16.8 25.2

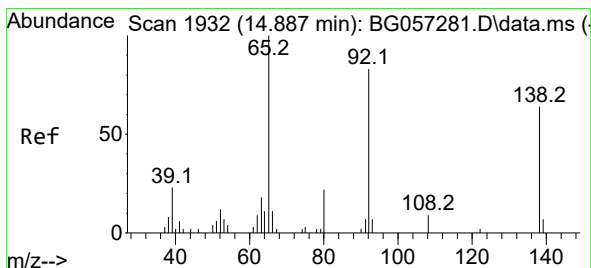
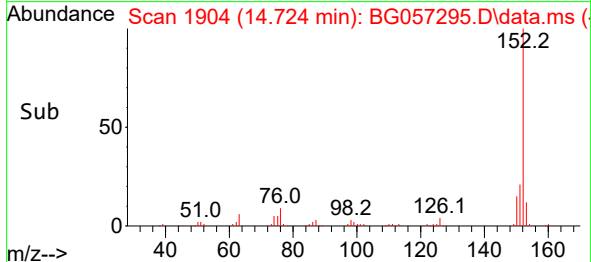
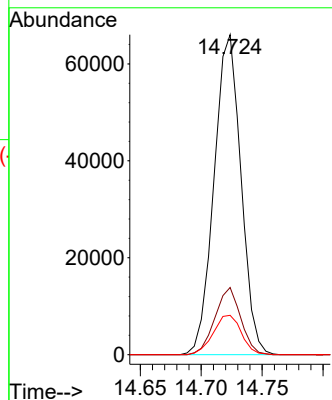
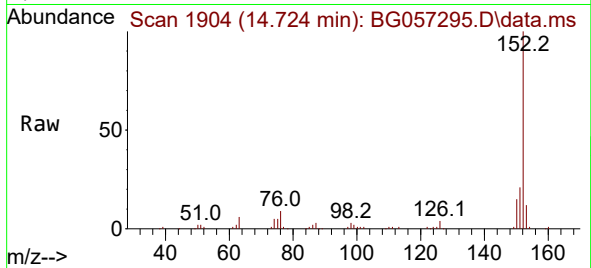




#50
Acenaphthylene
Concen: 22.670 ng/ul
RT: 14.724 min Scan# 1904
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

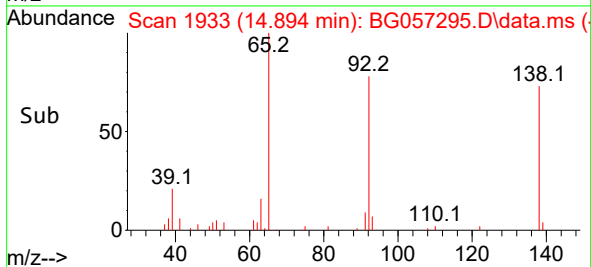
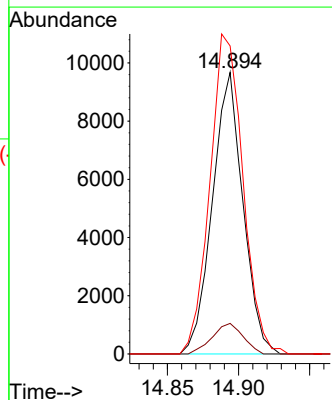
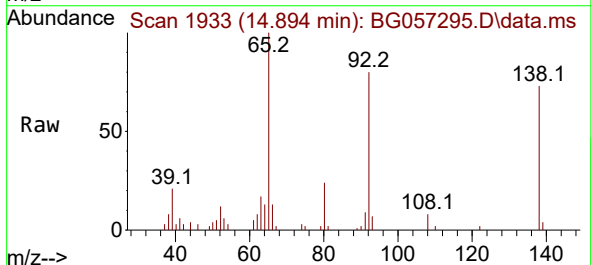
Instrument :
BNA_G
ClientSampleId :
SSTD020473

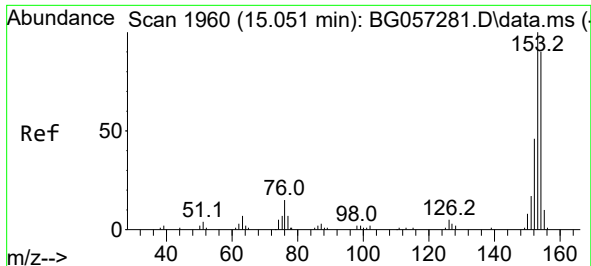
Tgt Ion:152 Resp: 101256
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 12.3 10.1 15.1



#51
3-Nitroaniline
Concen: 25.232 ng/ul
RT: 14.894 min Scan# 1933
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:138 Resp: 14449
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 109.4 99.5 149.3

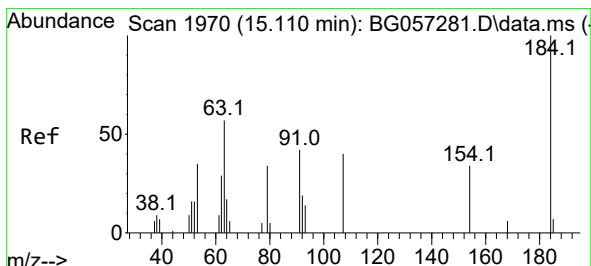
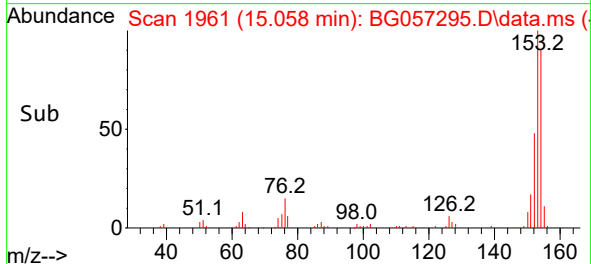
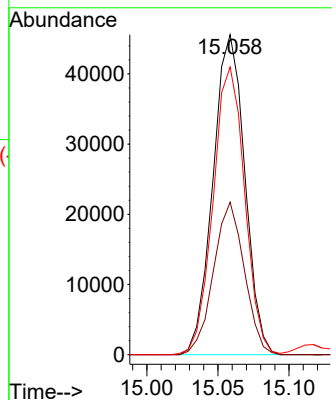
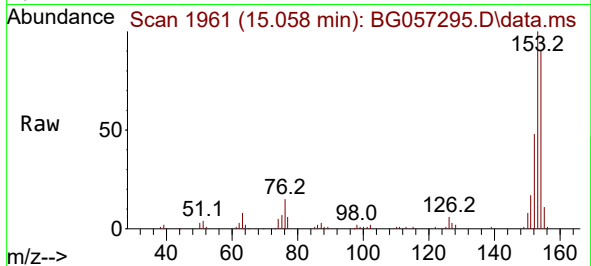




#52
Acenaphthene
Concen: 22.300 ng/ul
RT: 15.058 min Scan# 1960
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

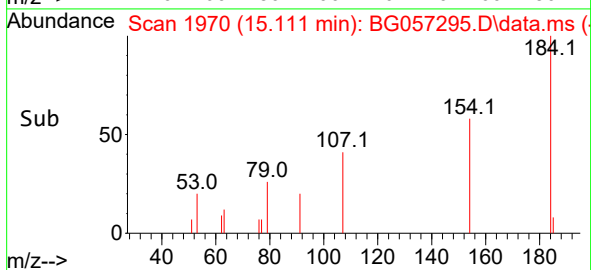
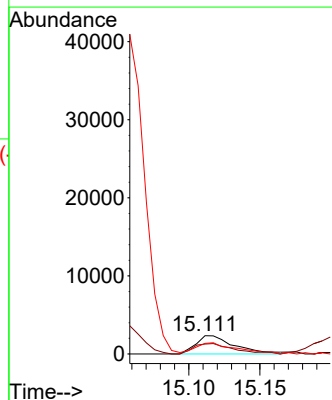
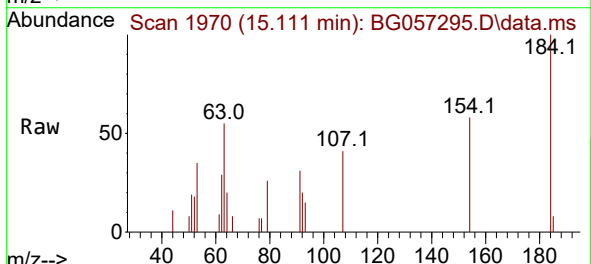
Instrument :
BNA_G
ClientSampleId :
SSTD020473

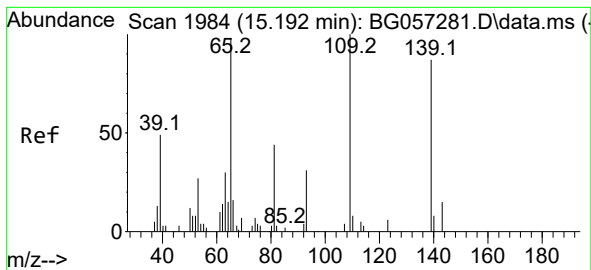
Tgt Ion:153 Resp: 70968
Ion Ratio Lower Upper
153 100
152 47.6 36.5 54.7
154 89.9 70.6 106.0



#53
2,4-Dinitrophenol
Concen: 10.286 ng/ul
RT: 15.111 min Scan# 1970
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:184 Resp: 4427
Ion Ratio Lower Upper
184 100
63 54.8 48.3 72.5
154 58.2 50.0 75.0

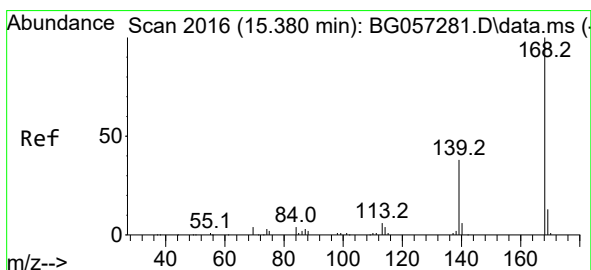
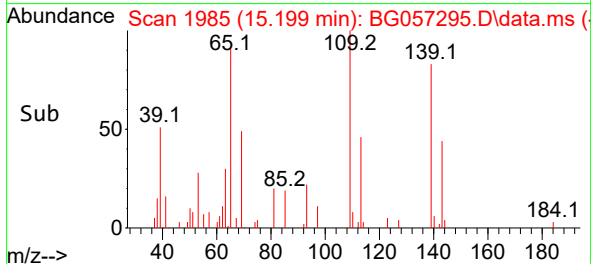
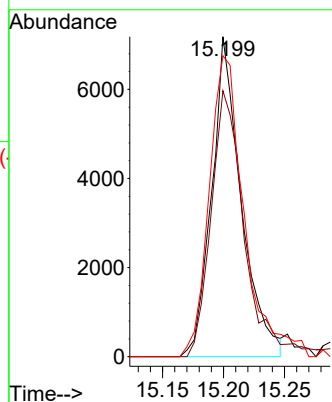
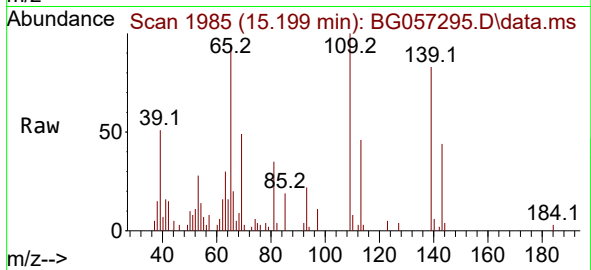




#55
4-Nitrophenol
Concen: 18.729 ng/ul
RT: 15.199 min Scan# 1985
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

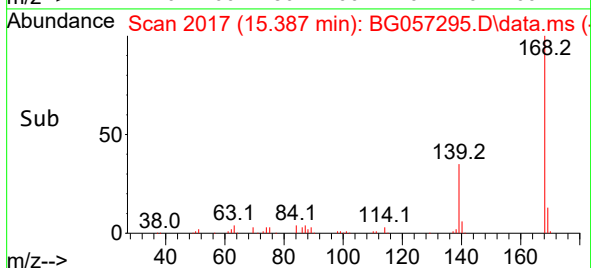
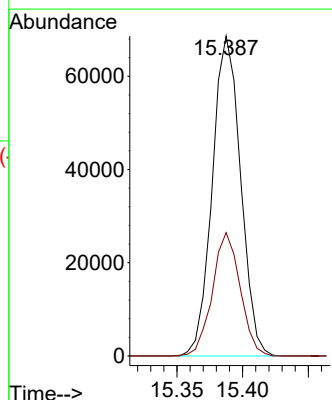
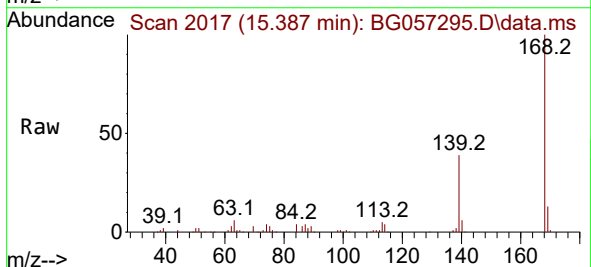
Instrument :
BNA_G
ClientSampleId :
SSTD020473

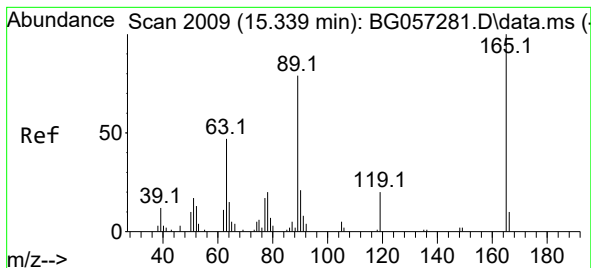
Tgt Ion:109 Resp: 12086
Ion Ratio Lower Upper
109 100
139 83.1 73.8 110.8
65 94.1 81.7 122.5



#56
Dibenzofuran
Concen: 22.392 ng/ul
RT: 15.387 min Scan# 2017
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:168 Resp: 102905
Ion Ratio Lower Upper
168 100
139 38.6 29.6 44.4

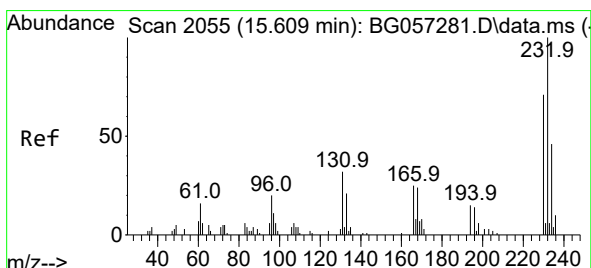
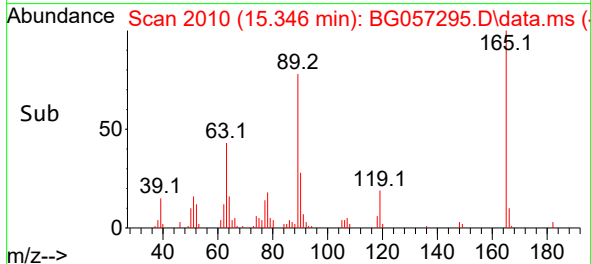
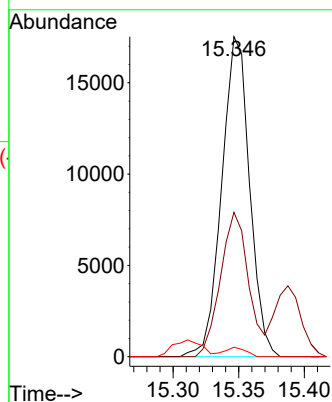
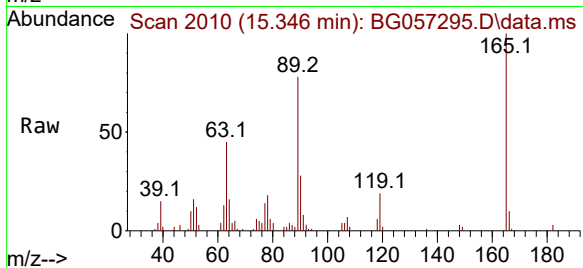




#57
2,4-Dinitrotoluene
Concen: 22.341 ng/ul
RT: 15.346 min Scan# 2009
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

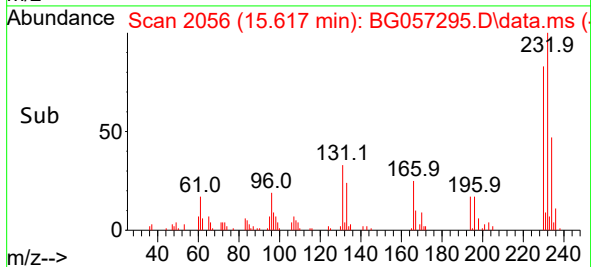
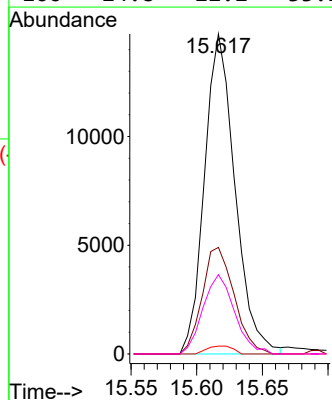
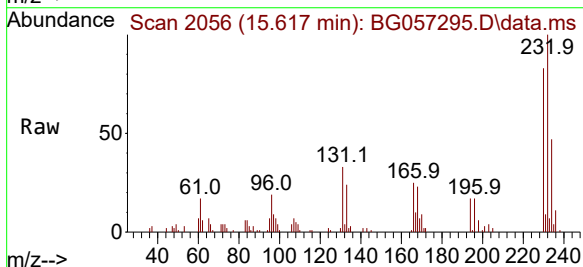
Instrument :
BNA_G
ClientSampleId :
SSTD020473

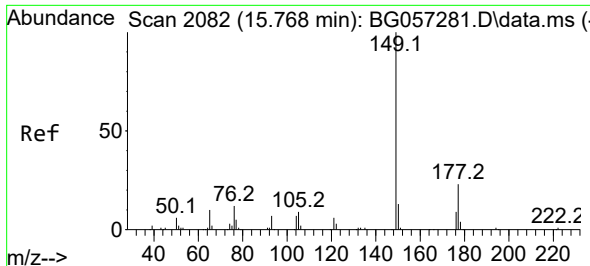
Tgt Ion:165 Resp: 25848
Ion Ratio Lower Upper
165 100
63 45.1 35.9 53.9
182 2.9 1.9 2.9#



#58
2,3,4,6-Tetrachlorophenol
Concen: 23.357 ng/ul
RT: 15.617 min Scan# 2056
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:232 Resp: 23802
Ion Ratio Lower Upper
232 100
131 33.3 28.6 43.0
130 2.4 1.8 2.6
166 24.8 22.2 33.2





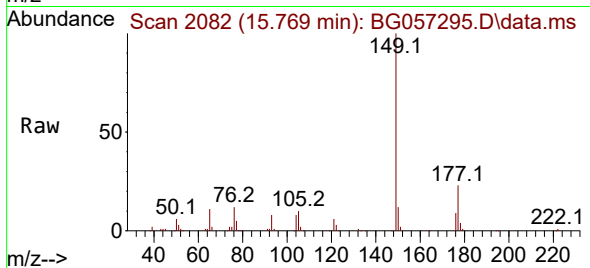
#59
Diethylphthalate
Concen: 21.162 ng/ul
RT: 15.769 min Scan# 2082
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Instrument :

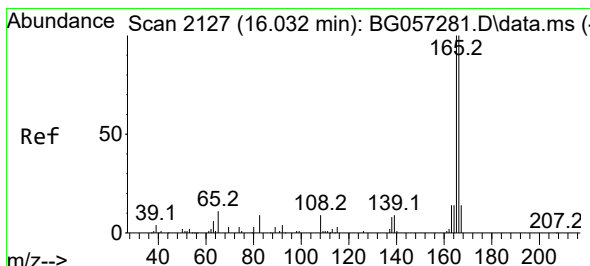
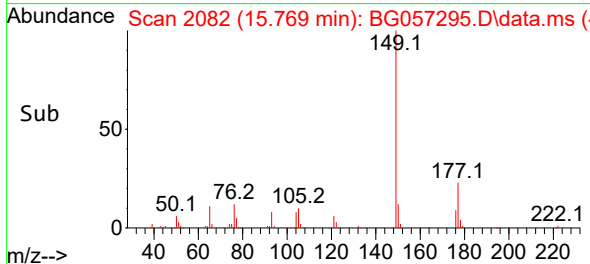
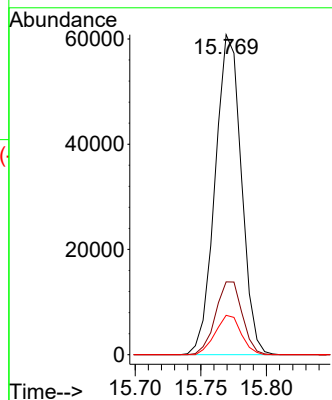
BNA_G

ClientSampleId :

SSTD020473

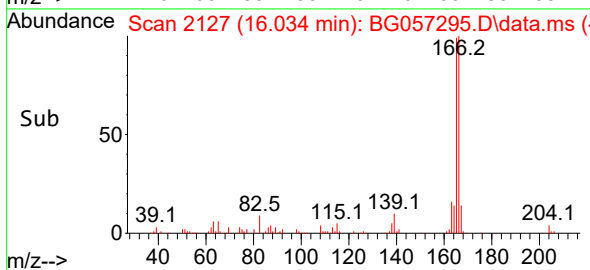
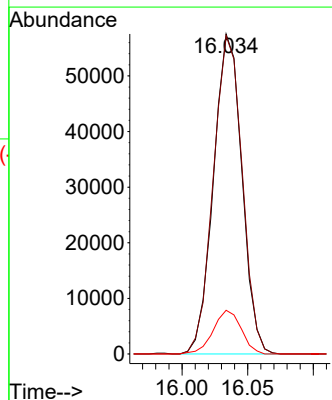
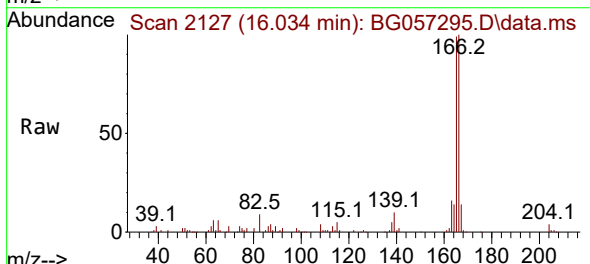


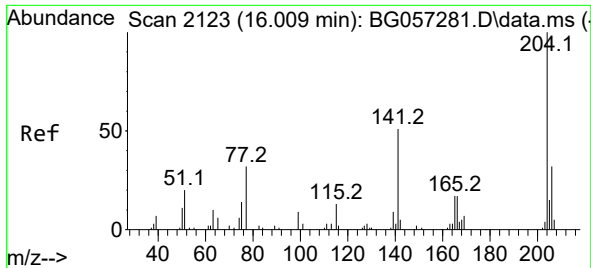
Tgt Ion:149 Resp: 84435
Ion Ratio Lower Upper
149 100
177 22.8 18.6 28.0
150 12.3 9.8 14.8



#61
Fluorene
Concen: 22.253 ng/ul
RT: 16.034 min Scan# 2127
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:166 Resp: 86473
Ion Ratio Lower Upper
166 100
165 99.5 80.1 120.1
167 13.6 10.2 15.4

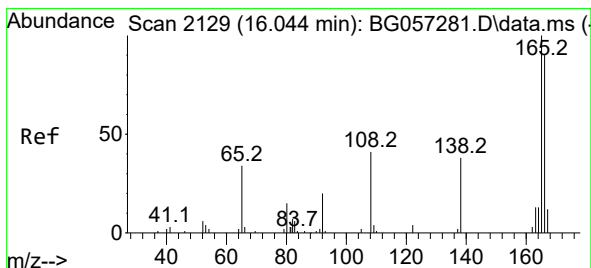
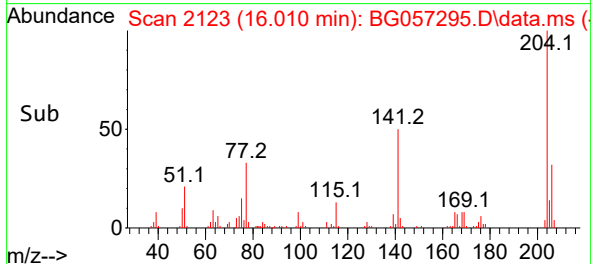
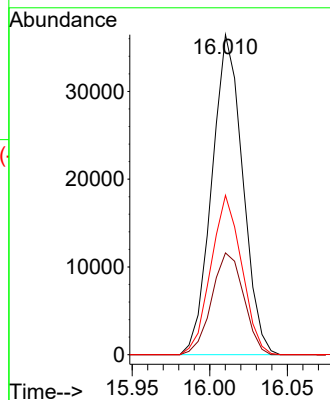
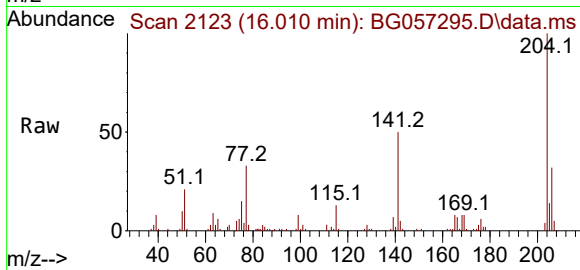




#62
4-Chlorophenyl-phenylether
Concen: 22.240 ng/ul
RT: 16.010 min Scan# 2123
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

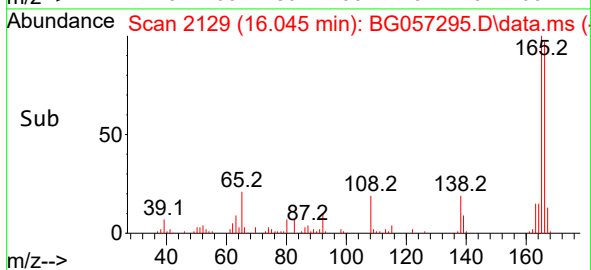
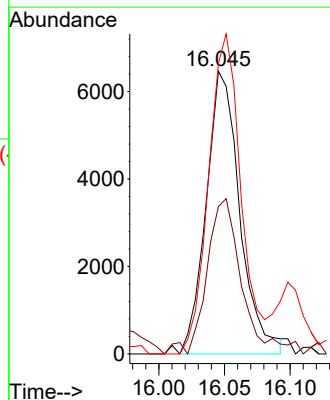
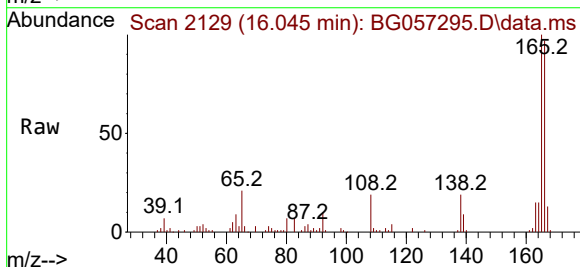
Instrument :
BNA_G
ClientSampleId :
SSTD020473

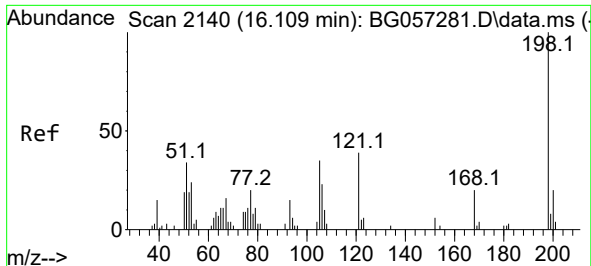
Tgt Ion:204 Resp: 50442
Ion Ratio Lower Upper
204 100
206 31.8 26.5 39.7
141 49.8 41.5 62.3



#63
4-Nitroaniline
Concen: 21.267 ng/ul
RT: 16.045 min Scan# 2129
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:138 Resp: 11533
Ion Ratio Lower Upper
138 100
92 52.1 39.9 59.9
108 102.8 89.1 133.7

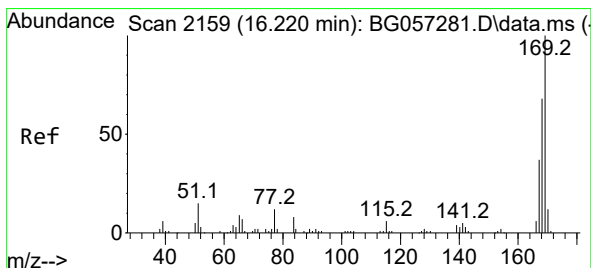
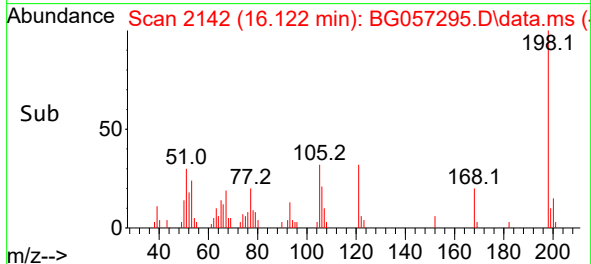
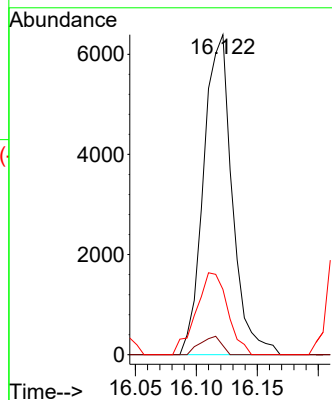
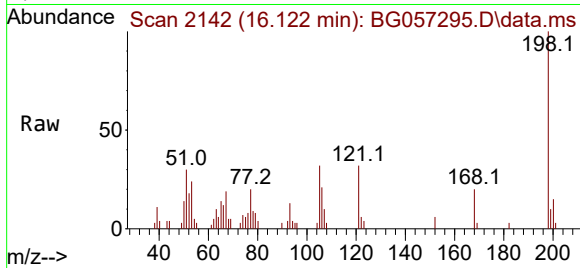




#66
 4,6-Dinitro-2-methylphenol
 Concen: 13.945 ng/ul
 RT: 16.122 min Scan# 2140
 Delta R.T. 0.010 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

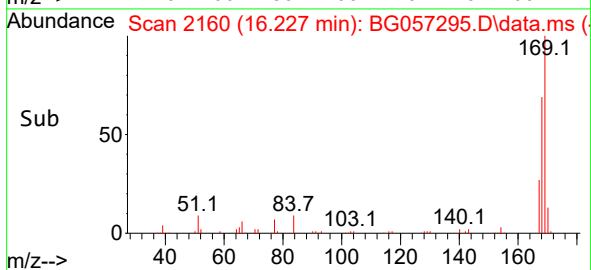
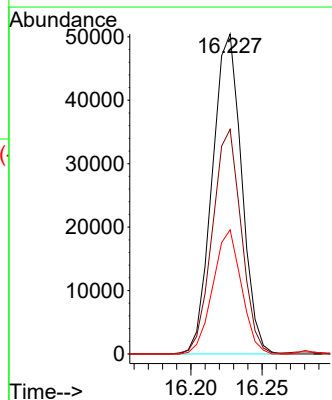
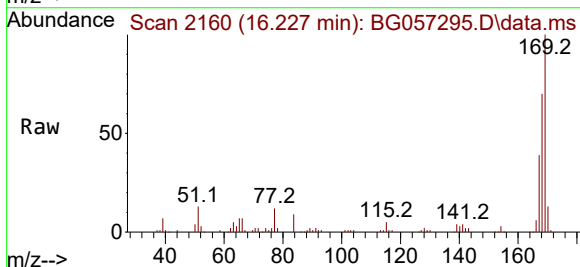
Instrument :
 BNA_G
 ClientSampleId :
 SST020473

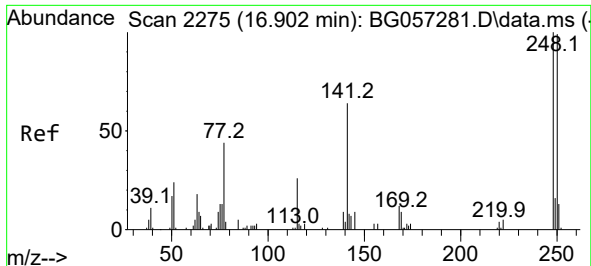
Tgt Ion:198 Resp: 10421
 Ion Ratio Lower Upper
 198 100
 182 2.9 3.0 4.6#
 77 20.4 20.1 30.1



#67
 N-Nitrosodiphenylamine
 Concen: 22.413 ng/ul
 RT: 16.227 min Scan# 2160
 Delta R.T. -0.002 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

Tgt Ion:169 Resp: 72466
 Ion Ratio Lower Upper
 169 100
 168 70.2 55.4 83.2
 167 38.8 31.0 46.4

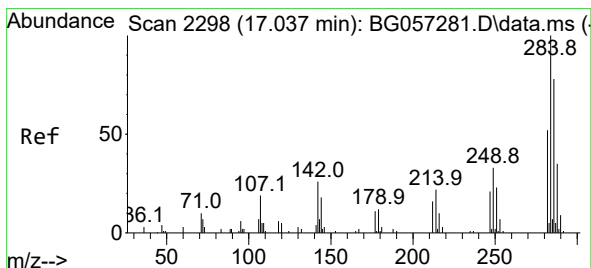
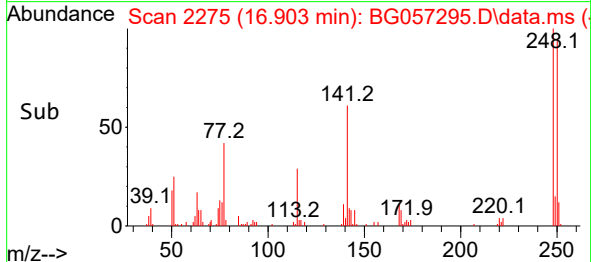
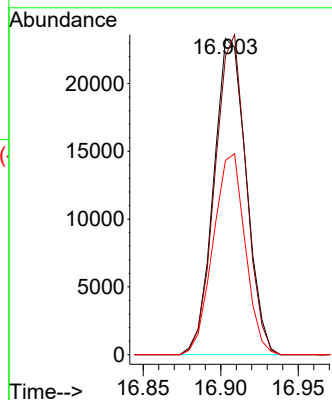
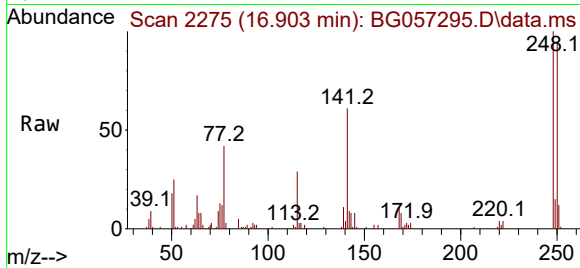




#68
4-Bromophenyl-phenylether
Concen: 22.973 ng/ul
RT: 16.903 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

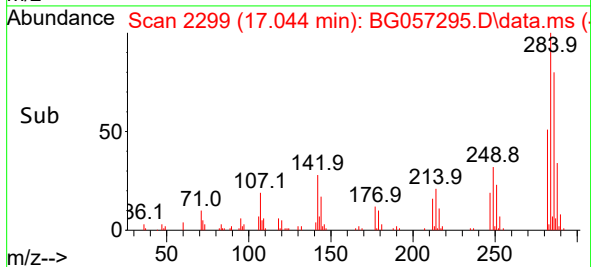
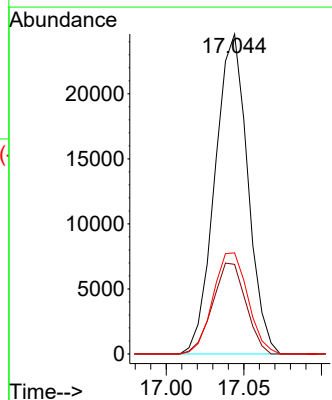
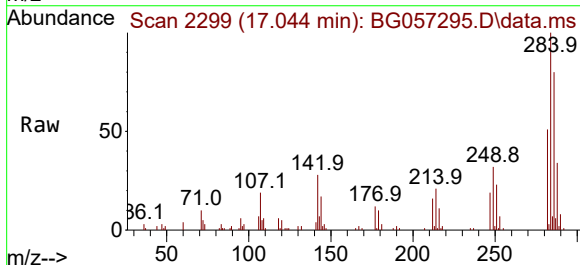
Instrument :
BNA_G
ClientSampleId :
SSTD020473

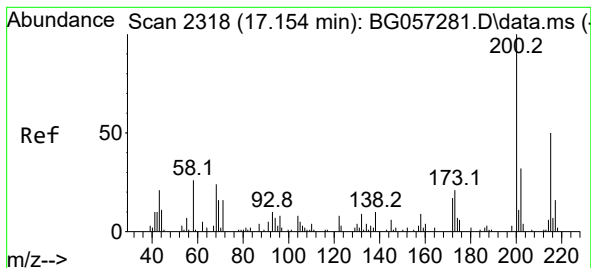
Tgt Ion:248 Resp: 33986
Ion Ratio Lower Upper
248 100
250 94.5 74.8 112.2
141 61.5 47.8 71.6



#69
Hexachlorobenzene
Concen: 23.180 ng/ul
RT: 17.044 min Scan# 2299
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:284 Resp: 36111
Ion Ratio Lower Upper
284 100
142 28.0 22.6 33.8
249 31.6 26.2 39.2





#70

Atrazine

Concen: 22.354 ng/ul

RT: 17.162 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

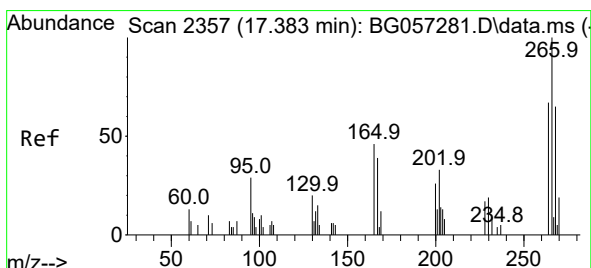
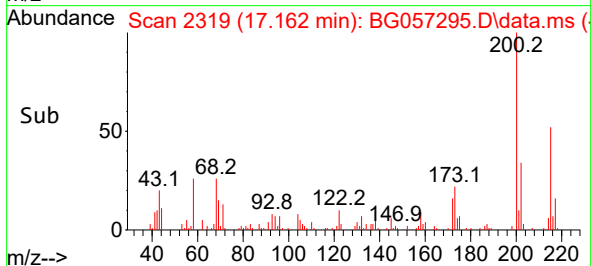
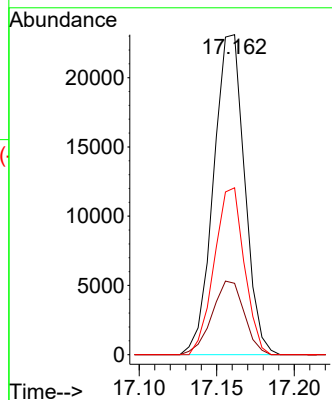
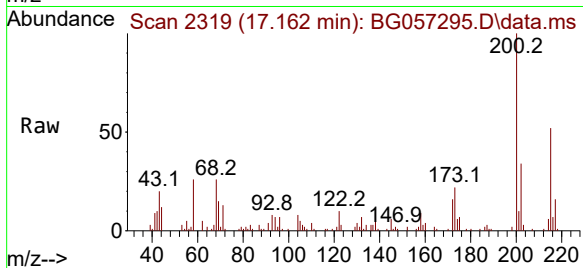
Tgt Ion:200 Resp: 32123

Ion Ratio Lower Upper

200 100

173 22.3 17.8 26.6

215 52.2 40.3 60.5



#71

Pentachlorophenol

Concen: 16.723 ng/ul

RT: 17.391 min Scan# 2358

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

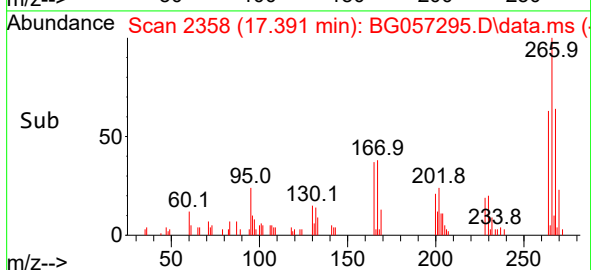
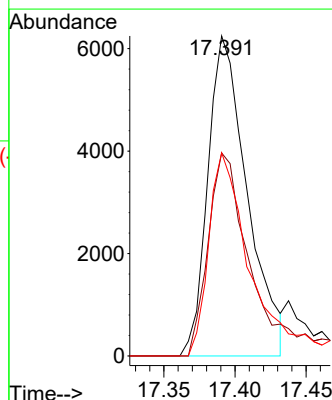
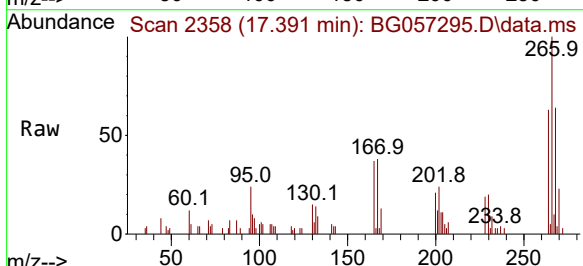
Tgt Ion:266 Resp: 12042

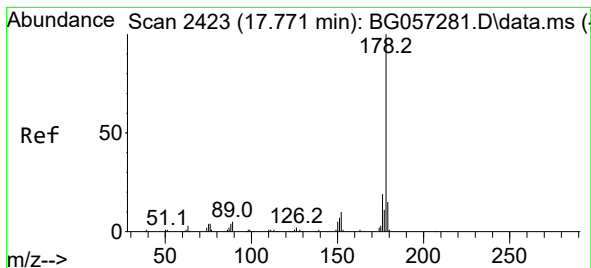
Ion Ratio Lower Upper

266 100

264 63.5 47.8 71.6

268 63.5 48.2 72.4





#72

Phenanthrene

Concen: 21.951 ng/ul

RT: 17.778 min Scan# 2423

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

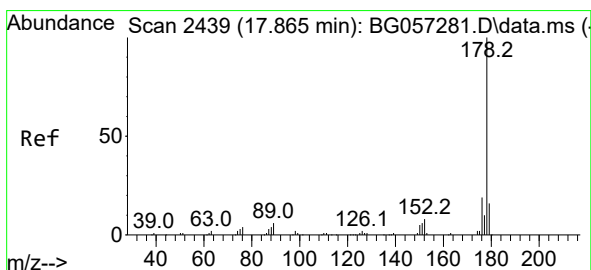
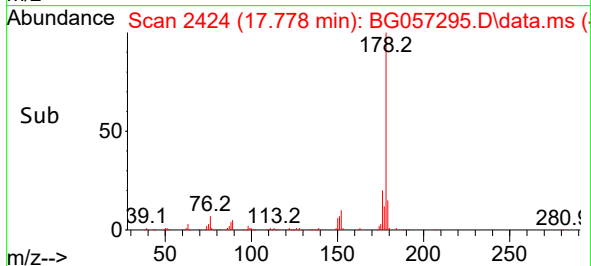
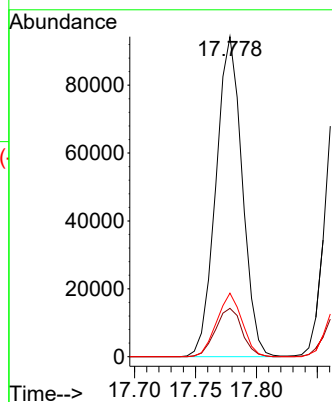
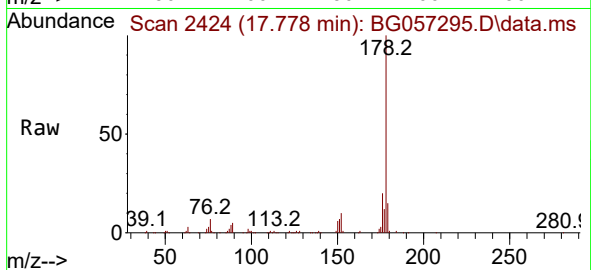
Tgt Ion:178 Resp: 141490

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

176 19.9 15.4 23.0



#74

Anthracene

Concen: 22.019 ng/ul

RT: 17.866 min Scan# 2439

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

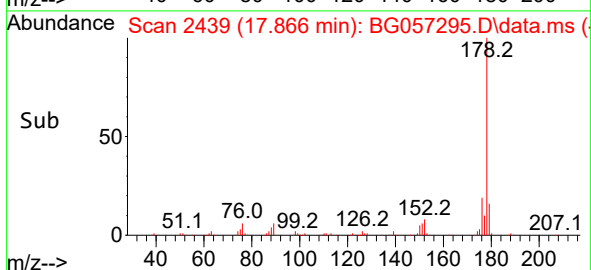
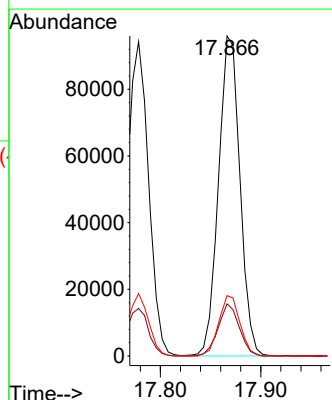
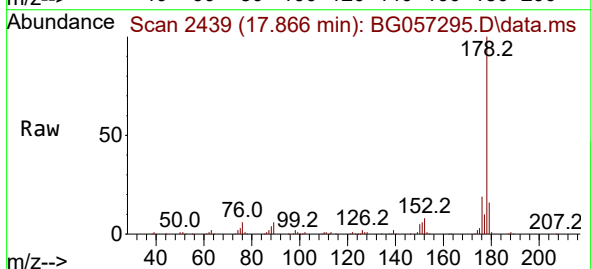
Tgt Ion:178 Resp: 142563

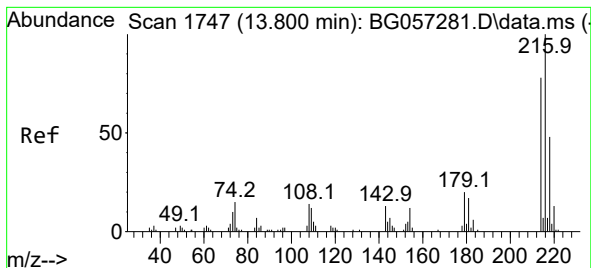
Ion Ratio Lower Upper

178 100

179 16.3 12.5 18.7

176 18.8 14.7 22.1

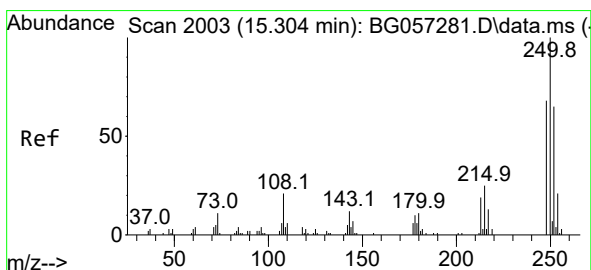
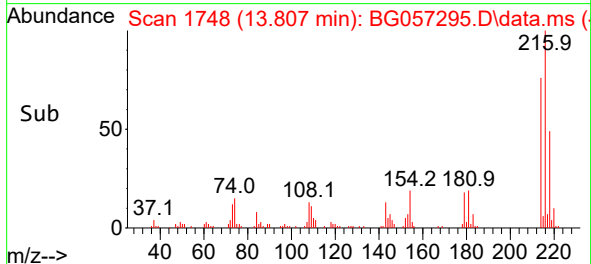
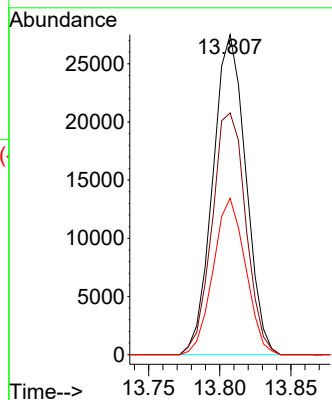
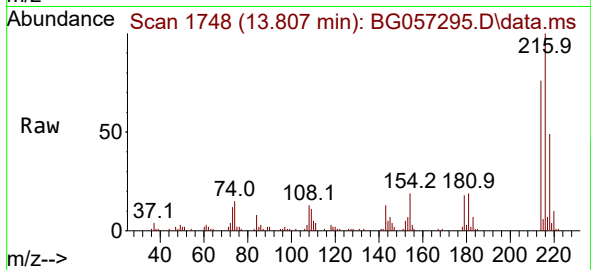




#75
1,2,3,4-Tetrachlorobenzene
Concen: 23.880 ng/uL
RT: 13.807 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

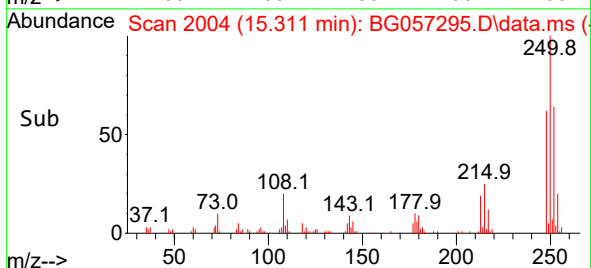
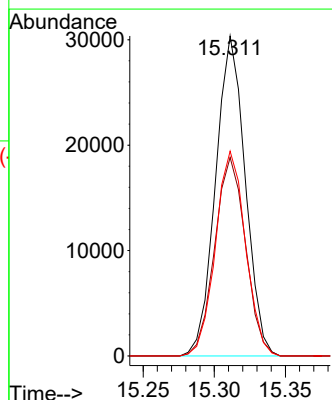
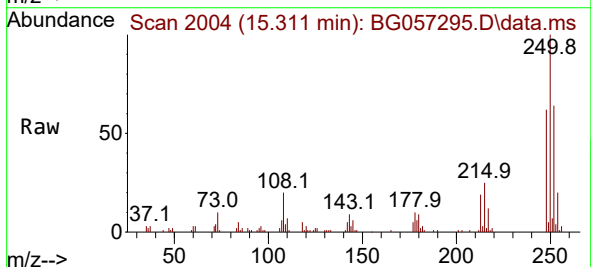
Instrument :
BNA_G
ClientSampleId :
SSTD020473

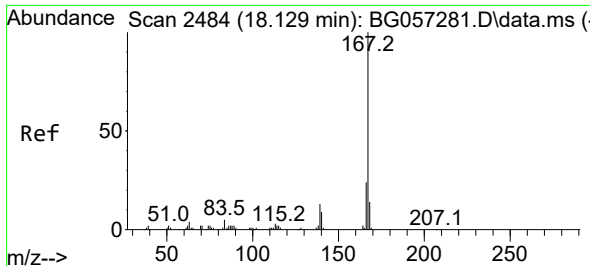
Tgt Ion:216 Resp: 44458
Ion Ratio Lower Upper
216 100
214 75.5 64.3 96.5
218 48.9 38.5 57.7



#76
Pentachlorobenzene
Concen: 23.274 ng/uL
RT: 15.311 min Scan# 2004
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:250 Resp: 44104
Ion Ratio Lower Upper
250 100
248 62.0 52.2 78.2
252 64.0 52.5 78.7

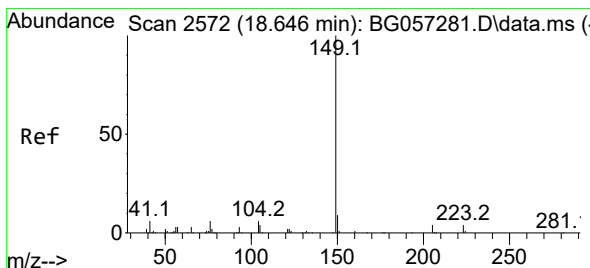
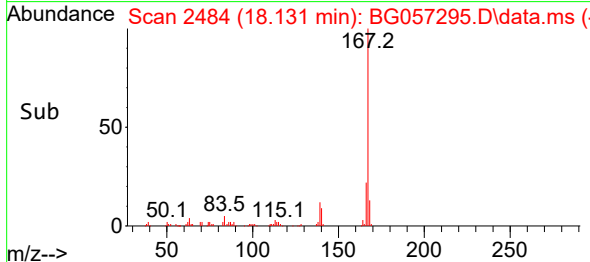
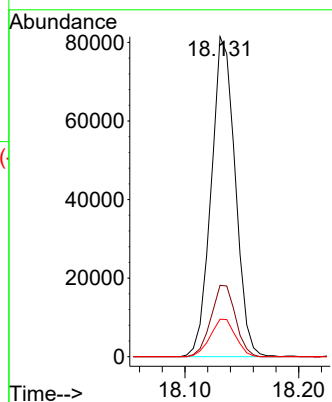
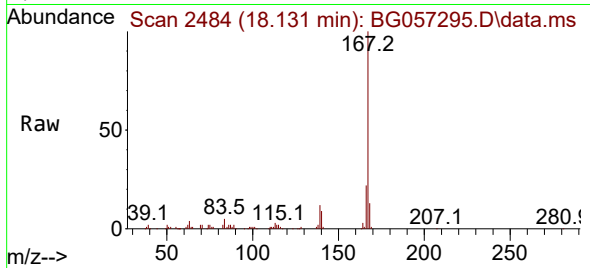




#77
 Carbazole
 Concen: 22.079 ng/ul
 RT: 18.131 min Scan# 2484
 Delta R.T. -0.002 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

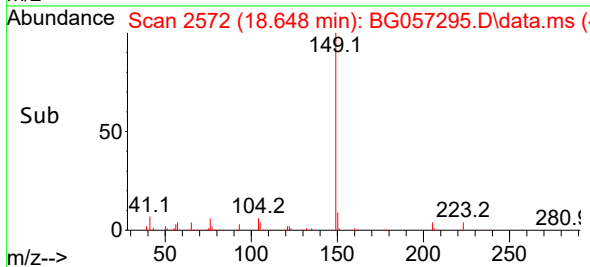
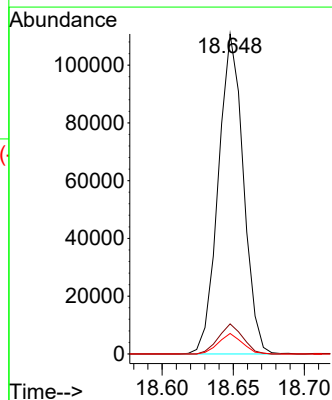
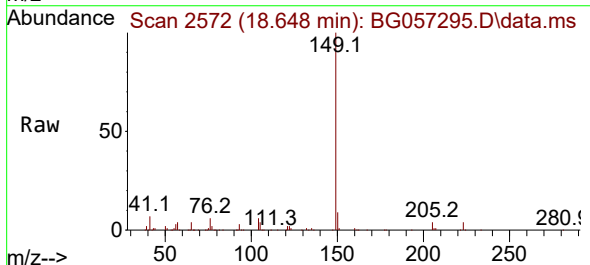
Instrument :
 BNA_G
 ClientSampleId :
 SSTD020473

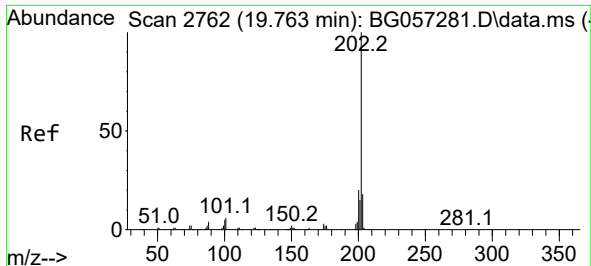
Tgt Ion:167 Resp: 119465
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.0 27.0
 139 11.7 10.3 15.5



#78
 Di-n-butylphthalate
 Concen: 21.907 ng/ul
 RT: 18.648 min Scan# 2572
 Delta R.T. -0.002 min
 Lab File: BG057295.D
 Acq: 3 May 2023 21:23

Tgt Ion:149 Resp: 135547
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 6.4 5.0 7.6

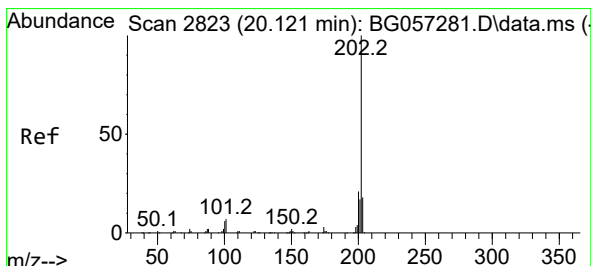
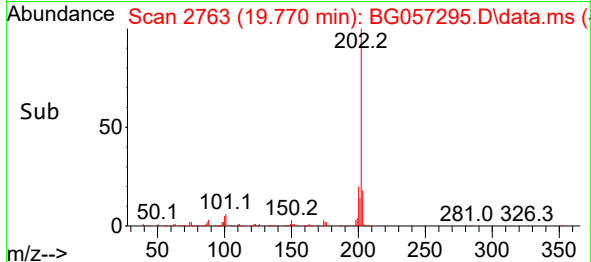
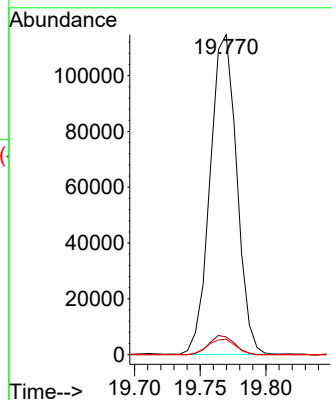
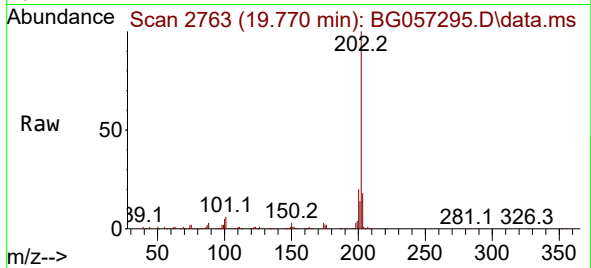




#80
Fluoranthene
Concen: 23.833 ng/ul
RT: 19.770 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

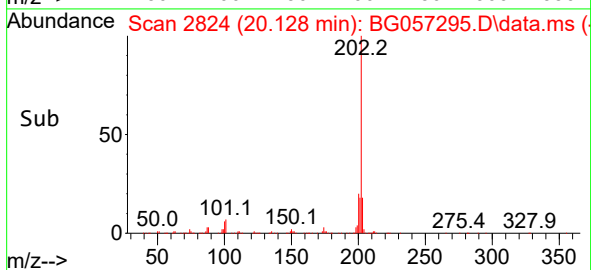
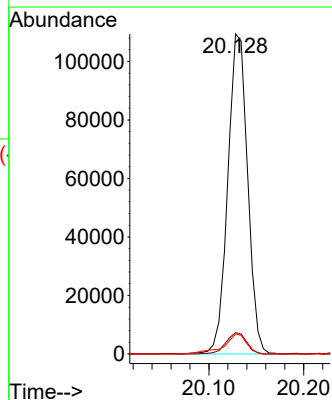
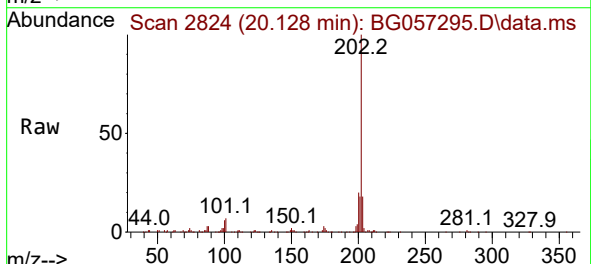
Instrument :
BNA_G
ClientSampleId :
SSTD020473

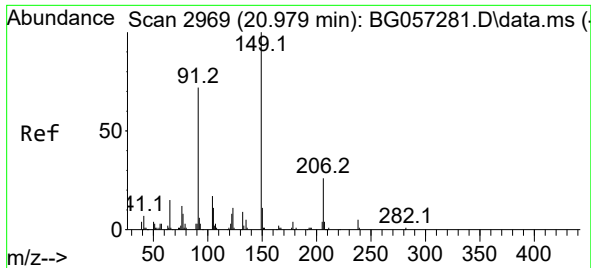
Tgt Ion:202 Resp: 161820
Ion Ratio Lower Upper
202 100
101 5.6 5.8 8.6#
100 4.9 4.6 7.0



#82
Pyrene
Concen: 23.097 ng/ul
RT: 20.128 min Scan# 2824
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:202 Resp: 158759
Ion Ratio Lower Upper
202 100
101 6.6 5.7 8.5
100 6.3 6.0 9.0





#83
Butylbenzylphthalate
Concen: 23.360 ng/ul
RT: 20.980 min Scan# 2969
Delta R.T. -0.002 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

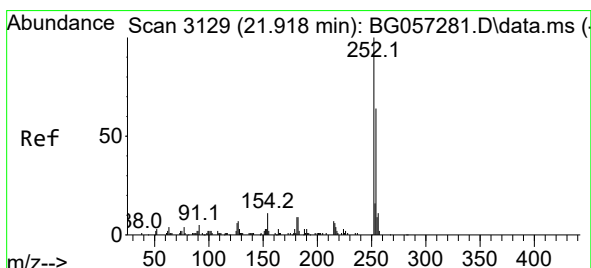
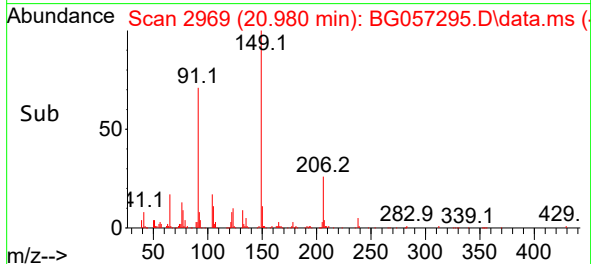
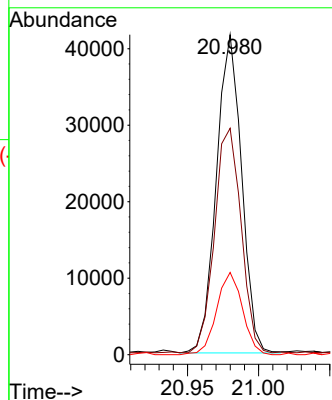
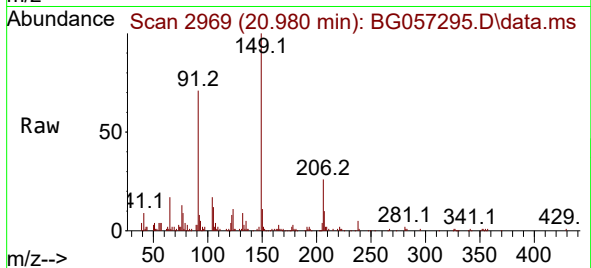
Instrument :

BNA_G

ClientSampleId :

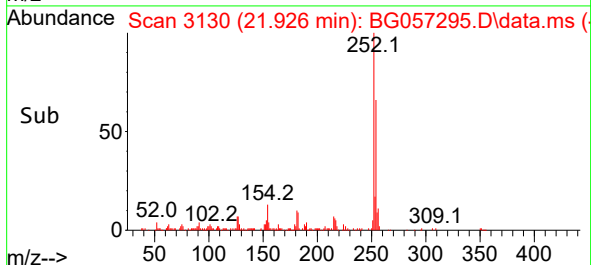
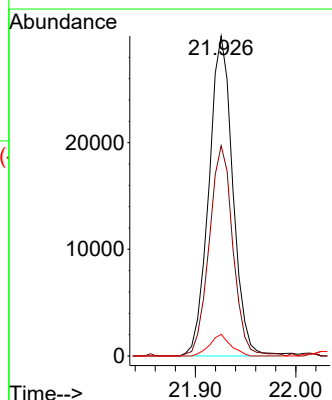
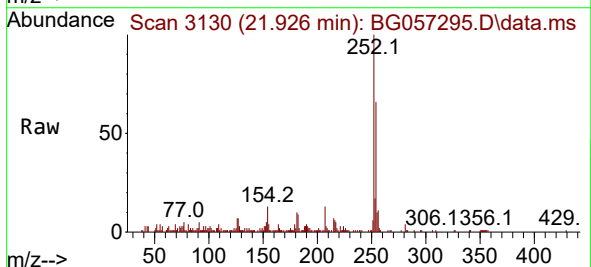
SSTD020473

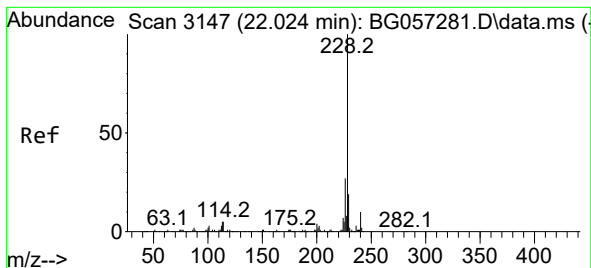
Tgt Ion:149 Resp: 51422
Ion Ratio Lower Upper
149 100
91 70.8 58.6 87.8
206 25.7 19.8 29.8



#84
3,3'-Dichlorobenzidine
Concen: 23.267 ng/ul
RT: 21.926 min Scan# 3130
Delta R.T. 0.004 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:252 Resp: 49760
Ion Ratio Lower Upper
252 100
254 65.7 53.7 80.5
126 6.8 5.2 7.8





#85

Benzo(a)anthracene

Concen: 22.383 ng/ul

RT: 22.031 min Scan# 3147

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

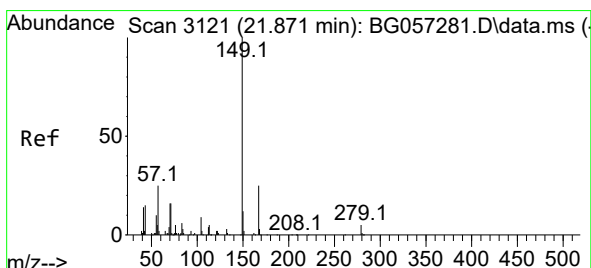
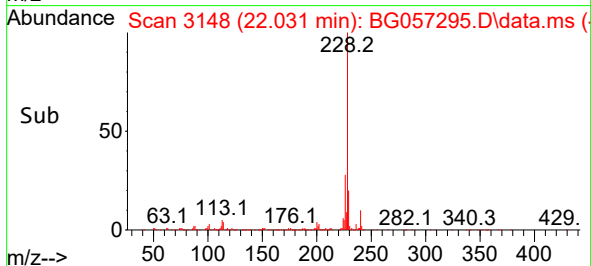
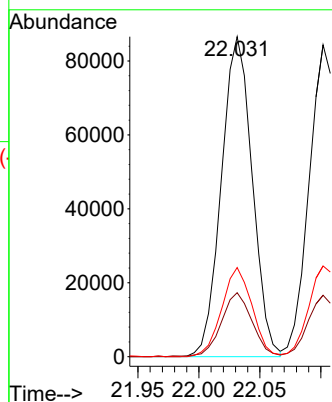
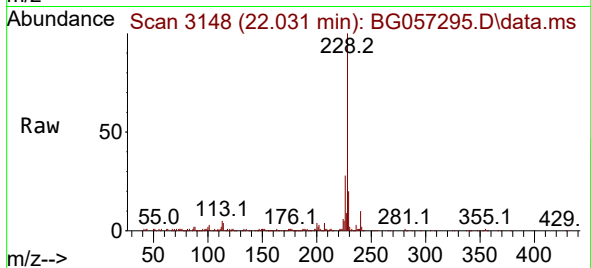
Tgt Ion:228 Resp: 152442

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 27.8 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.830 ng/ul

RT: 21.873 min Scan# 3121

Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

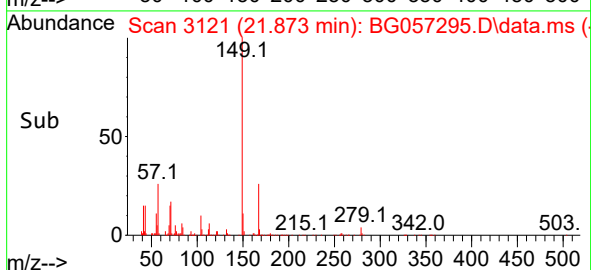
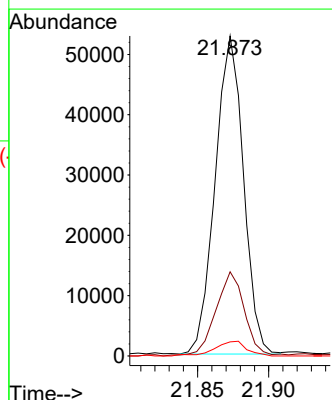
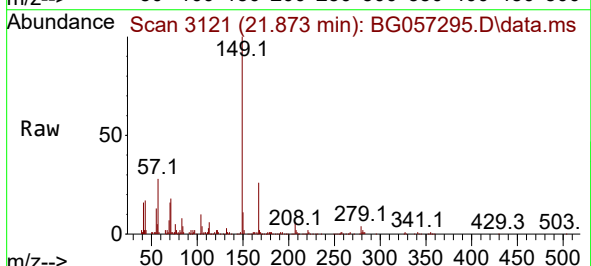
Tgt Ion:149 Resp: 73091

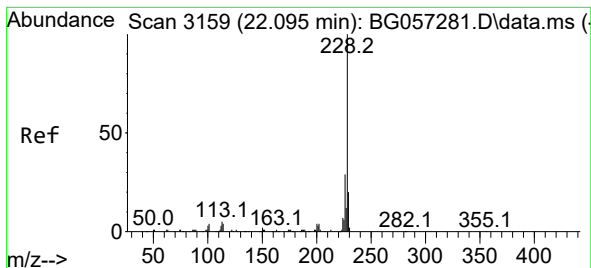
Ion Ratio Lower Upper

149 100

167 26.3 23.0 34.6

279 4.4 3.6 5.4





#87

Chrysene

Concen: 22.141 ng/ul

RT: 22.102 min Scan# 3159

Delta R.T. 0.004 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

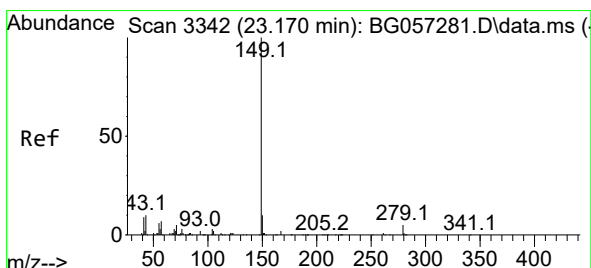
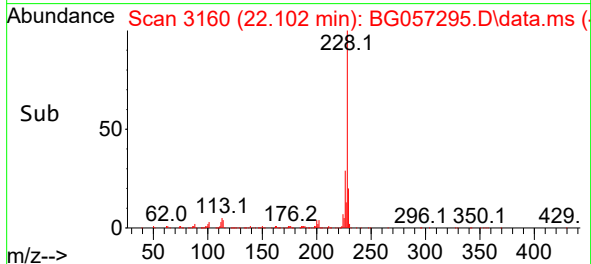
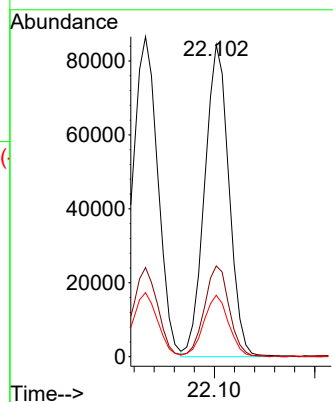
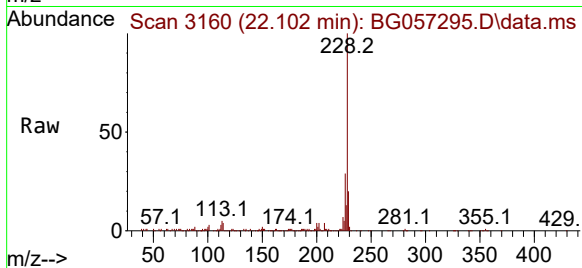
Tgt Ion:228 Resp: 142272

Ion Ratio Lower Upper

228 100

226 29.1 22.8 34.2

229 19.7 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 21.464 ng/ul

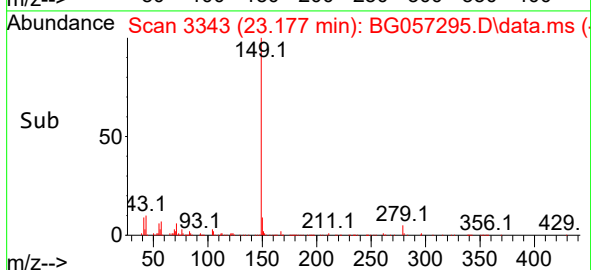
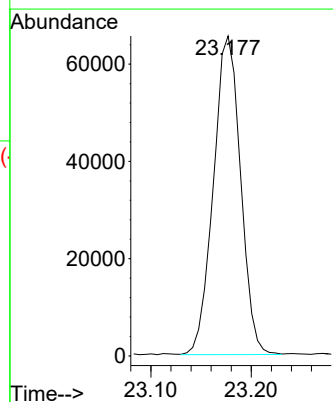
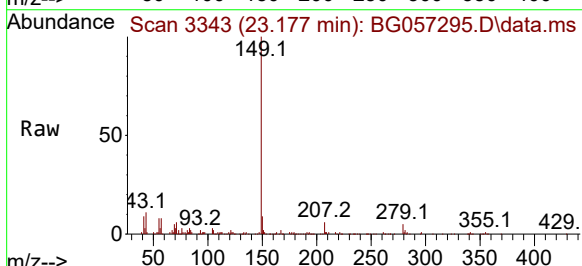
RT: 23.177 min Scan# 3343

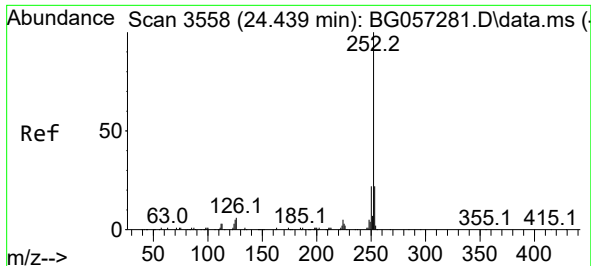
Delta R.T. -0.002 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Tgt Ion:149 Resp: 123089

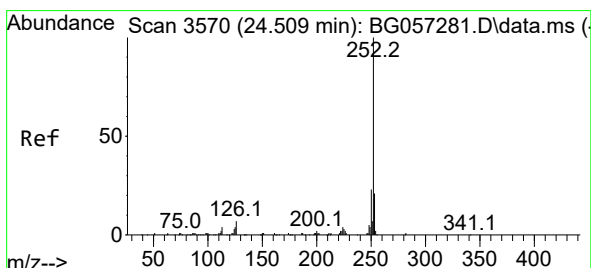
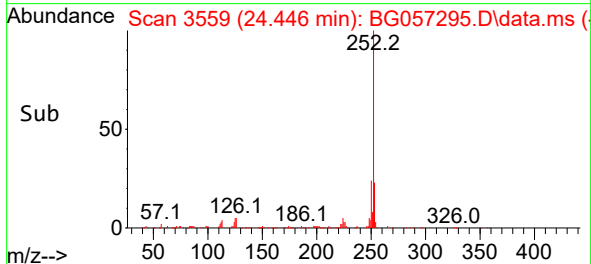
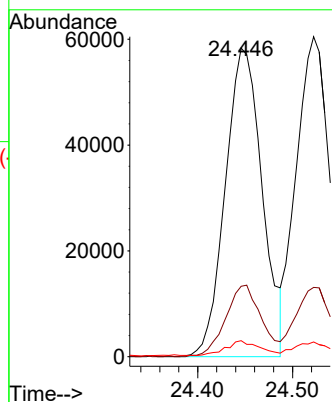
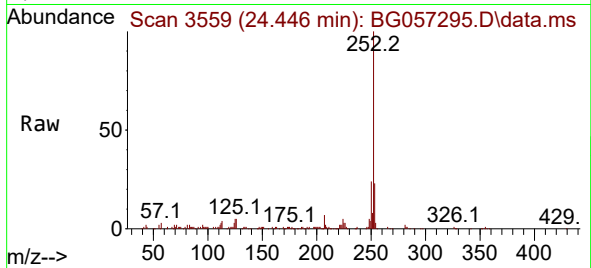




#90
Benzo(b)fluoranthene
Concen: 21.947 ng/ul
RT: 24.446 min Scan# 3558
Delta R.T. 0.010 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

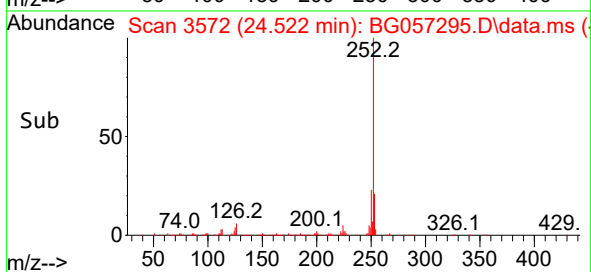
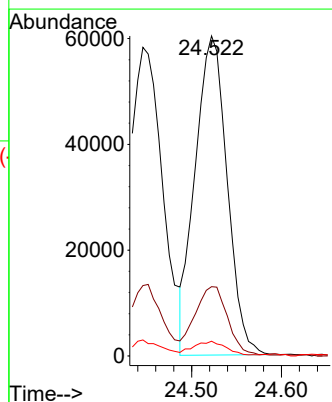
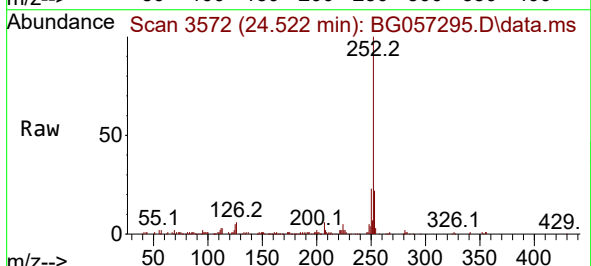
Instrument :
BNA_G
ClientSampleId :
SSTD020473

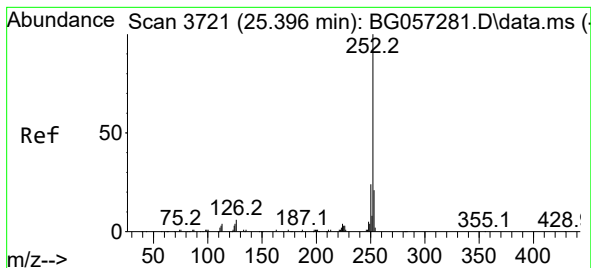
Tgt Ion:252 Resp: 157833
Ion Ratio Lower Upper
252 100
253 22.8 16.7 25.1
125 5.2 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 21.321 ng/ul
RT: 24.522 min Scan# 3572
Delta R.T. 0.010 min
Lab File: BG057295.D
Acq: 3 May 2023 21:23

Tgt Ion:252 Resp: 149174
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 4.6 4.5 6.7





#93

Benzo(a)pyrene

Concen: 21.836 ng/ul

RT: 25.415 min Scan# 31

Delta R.T. 0.016 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

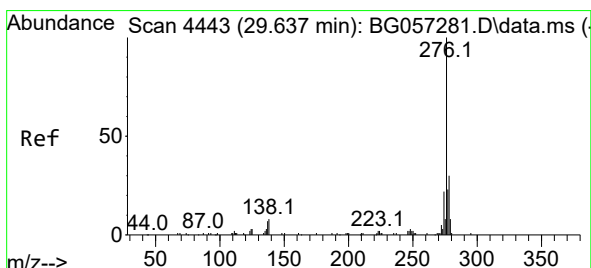
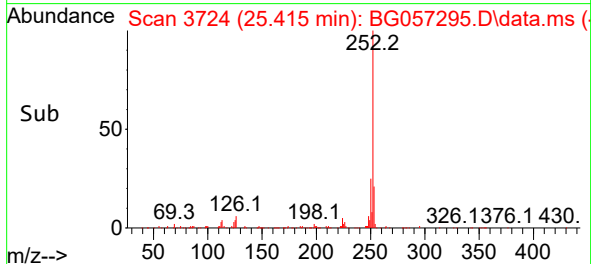
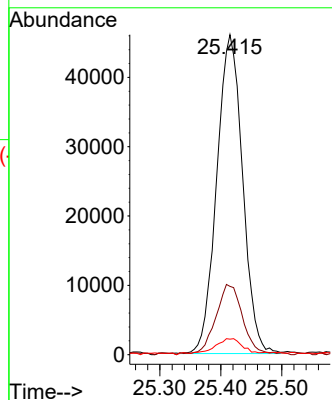
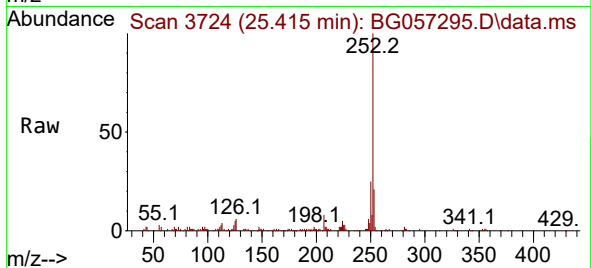
Tgt Ion:252 Resp: 135569

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

125 4.8 5.1 7.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 20.742 ng/ul

RT: 29.668 min Scan# 4448

Delta R.T. 0.045 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

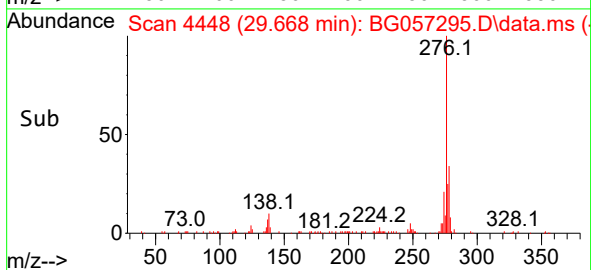
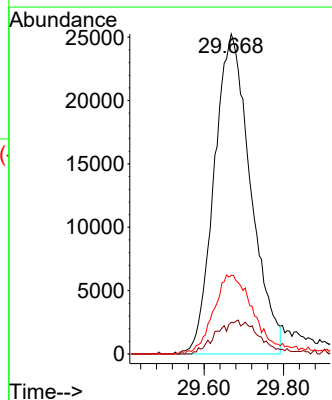
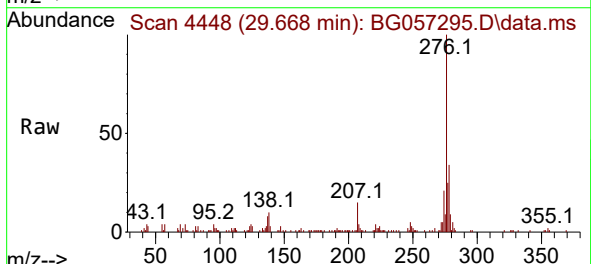
Tgt Ion:276 Resp: 160974

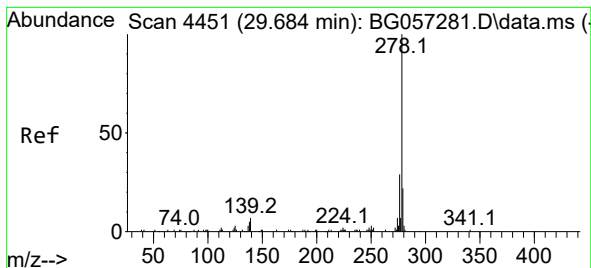
Ion Ratio Lower Upper

276 100

138 9.9 9.4 14.2

277 24.6 18.6 28.0





#95

Dibenzo(a,h)anthracene

Concen: 20.545 ng/ul

RT: 29.709 min Scan# 4455

Delta R.T. 0.016 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Instrument :

BNA_G

ClientSampleId :

SSTD020473

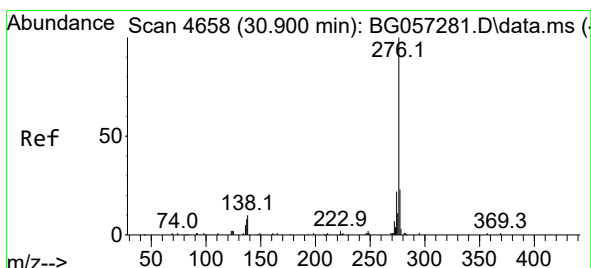
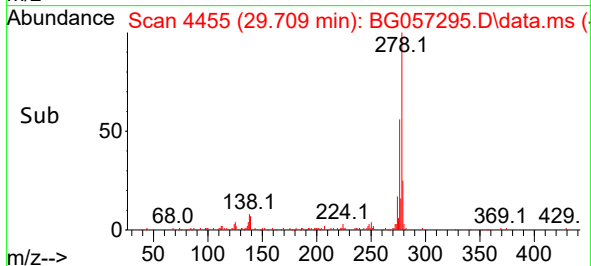
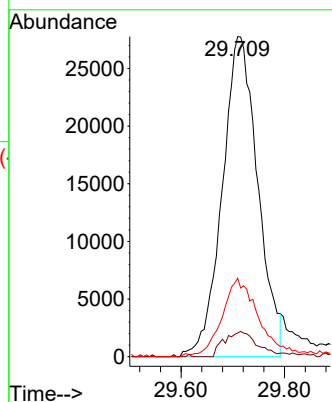
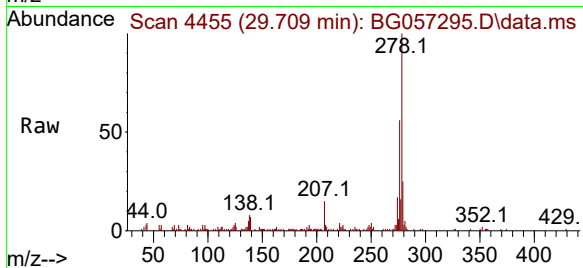
Tgt Ion:278 Resp: 132215

Ion Ratio Lower Upper

278 100

139 7.4 5.8 8.6

279 24.5 18.3 27.5



#96

Benzo(g,h,i)perylene

Concen: 8.650 ng/ul

RT: 30.931 min Scan# 4663

Delta R.T. 0.022 min

Lab File: BG057295.D

Acq: 3 May 2023 21:23

Tgt Ion:276 Resp: 54330

Ion Ratio Lower Upper

276 100

138 8.3 8.7 13.1#

277 21.5 18.4 27.6

