

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051623\
 Data File : BG057441.D
 Acq On : 16 May 2023 13:03
 Operator : CG/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Quant Time: May 17 04:50:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.361	152	18822	20.000	ng	0.00
21) Naphthalene-d8	11.204	136	73771	20.000	ng	0.00
39) Acenaphthene-d10	14.981	164	58690	20.000	ng	0.00
64) Phenanthrene-d10	17.725	188	140355	20.000	ng	0.00
76) Chrysene-d12	22.036	240	124610	20.000	ng	0.00
86) Perylene-d12	25.543	264	136117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.876	112	86979	79.050	ng	0.00
7) Phenol-d6	7.503	99	135483	81.086	ng	0.00
23) Nitrobenzene-d5	9.542	82	136354	77.576	ng	0.00
42) 2,4,6-Tribromophenol	16.468	330	70624	84.808	ng	0.00
45) 2-Fluorobiphenyl	13.607	172	349059	80.101	ng	0.00
79) Terphenyl-d14	20.292	244	591682	77.488	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.673	88	17239	37.892	ng	93
3) Pyridine	4.102	79	54176	37.054	ng	94
4) n-Nitrosodimethylamine	4.008	42	24087	35.057	ng	# 91
6) Aniline	7.674	93	83286	39.293	ng	95
8) 2-Chlorophenol	7.926	128	46962	40.392	ng	98
9) Benzaldehyde	7.486	77	32815	36.405	ng	97
10) Phenol	7.533	94	65404	40.155	ng	97
11) bis(2-Chloroethyl)ether	7.762	93	47075	38.328	ng	98
12) 1,3-Dichlorobenzene	8.249	146	51072	39.800	ng	95
13) 1,4-Dichlorobenzene	8.396	146	51527	39.976	ng	93
14) 1,2-Dichlorobenzene	8.725	146	49268	39.594	ng	99
15) Benzyl Alcohol	8.596	79	52901	38.005	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.878	45	55737	36.005	ng	98
17) 2-Methylphenol	8.801	107	47814	40.723	ng	98
18) Hexachloroethane	9.459	117	18234	39.200	ng	92
19) n-Nitroso-di-n-propyla...	9.166	70	47098	36.967	ng	97
20) 3+4-Methylphenols	9.130	107	65688	40.858	ng	96
22) Acetophenone	9.189	105	81831	38.756	ng	# 96
24) Nitrobenzene	9.589	77	68370	38.539	ng	94
25) Isophorone	10.106	82	127459	37.397	ng	97
26) 2-Nitrophenol	10.305	139	29546	43.510	ng	98
27) 2,4-Dimethylphenol	10.346	122	49526	41.651	ng	96
28) bis(2-Chloroethoxy)met...	10.575	93	66691	39.058	ng	98
29) 2,4-Dichlorophenol	10.846	162	54578	43.276	ng	97
30) 1,2,4-Trichlorobenzene	11.057	180	59390	40.829	ng	99
31) Naphthalene	11.257	128	163449	41.444	ng	99
32) Benzoic acid	10.493	122	25418	38.145	ng	97
33) 4-Chloroaniline	11.357	127	73766	41.649	ng	96
34) Hexachlorobutadiene	11.521	225	42895	39.742	ng	100
35) Caprolactam	12.120	113	17339	40.249	ng	96
36) 4-Chloro-3-methylphenol	12.455	107	61483	42.899	ng	99
37) 2-Methylnaphthalene	12.831	142	128738	41.517	ng	97
38) 1-Methylnaphthalene	13.049	142	120698	41.296	ng	98
40) 1,2,4,5-Tetrachloroben...	13.195	216	85317	40.948	ng	99
41) Hexachlorocyclopentadiene	13.166	237	37298	40.607	ng	99
43) 2,4,6-Trichlorophenol	13.430	196	53419	42.083	ng	98

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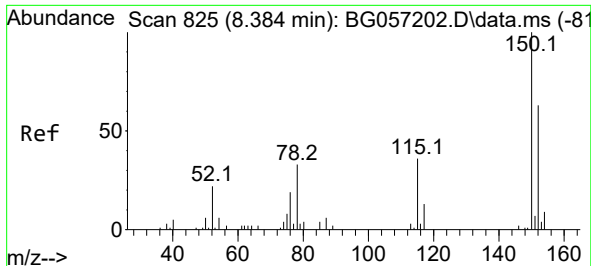
Quant Time: May 17 04:50:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	61001	40.854	ng	97
46) 1,1'-Biphenyl	13.818	154	175134	40.214	ng	96
47) 2-Chloronaphthalene	13.871	162	130843	40.402	ng	98
48) 2-Nitroaniline	14.065	65	42604	38.691	ng	96
49) Acenaphthylene	14.711	152	209262	39.774	ng	98
50) Dimethylphthalate	14.417	163	182368	37.813	ng	99
51) 2,6-Dinitrotoluene	14.552	165	40288	40.914	ng	89
52) Acenaphthene	15.046	154	129015	39.242	ng	100
53) 3-Nitroaniline	14.881	138	39446	39.986	ng	87
54) 2,4-Dinitrophenol	15.099	184	19413	34.794	ng	99
55) Dibenzofuran	15.375	168	221843	40.160	ng	98
56) 4-Nitrophenol	15.187	139	26476	40.353	ng	85
57) 2,4-Dinitrotoluene	15.340	165	57384	40.776	ng	93
58) Fluorene	16.021	166	178678	39.269	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.522	232	56246	41.549	ng	92
60) Diethylphthalate	15.763	149	183346	37.434	ng	98
61) 4-Chlorophenyl-phenyle...	16.003	204	106687	38.922	ng	96
62) 4-Nitroaniline	16.045	138	40150	40.343	ng	93
63) Azobenzene	16.297	77	169279	35.821	ng	96
65) 4,6-Dinitro-2-methylph...	16.103	198	36627	43.709	ng	100
66) n-Nitrosodiphenylamine	16.215	169	155689	40.841	ng	100
67) 4-Bromophenyl-phenylether	16.896	248	70979	41.426	ng	98
68) Hexachlorobenzene	17.031	284	71625	43.017	ng	# 92
69) Atrazine	17.149	200	59774	41.105	ng	97
70) Pentachlorophenol	17.372	266	34953	36.425	ng	98
71) Phenanthrene	17.766	178	293579	40.820	ng	100
72) Anthracene	17.854	178	299535	40.589	ng	98
73) Carbazole	18.124	167	250260	40.282	ng	98
74) Di-n-butylphthalate	18.641	149	291110	40.726	ng	98
75) Fluoranthene	19.757	202	357590	39.976	ng	99
77) Benzidine	19.922	184	88559	31.789	ng	98
78) Pyrene	20.116	202	359684	39.723	ng	99
80) Butylbenzylphthalate	20.967	149	125346	43.628	ng	97
81) Benzo(a)anthracene	22.013	228	357668	40.287	ng	100
82) 3,3'-Dichlorobenzidine	21.907	252	115687	40.682	ng	98
83) Chrysene	22.089	228	335159	40.123	ng	99
84) Bis(2-ethylhexyl)phtha...	21.854	149	179648	42.262	ng	99
85) Di-n-octyl phthalate	23.153	149	301379	42.527	ng	97
87) Indeno(1,2,3-cd)pyrene	29.609	276	393599	39.676	ng	99
88) Benzo(b)fluoranthene	24.421	252	348770	39.197	ng	99
89) Benzo(k)fluoranthene	24.492	252	344013	38.047	ng	99
90) Benzo(a)pyrene	25.379	252	338530	38.943	ng	98
91) Dibenzo(a,h)anthracene	29.661	278	330535	40.008	ng	98
92) Benzo(g,h,i)perylene	30.877	276	323401	40.090	ng	99

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

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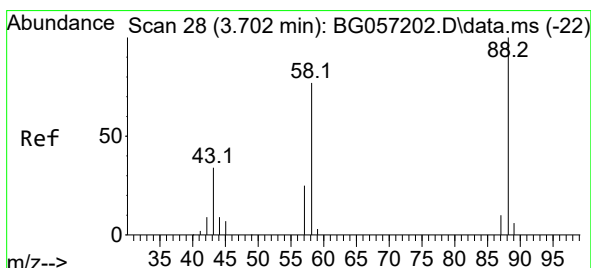
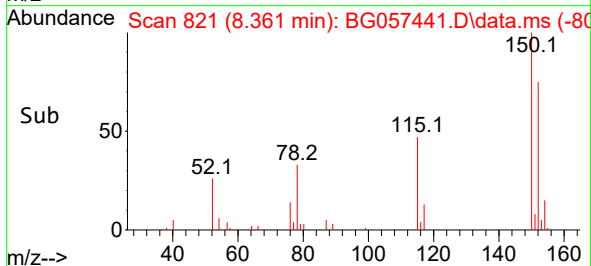
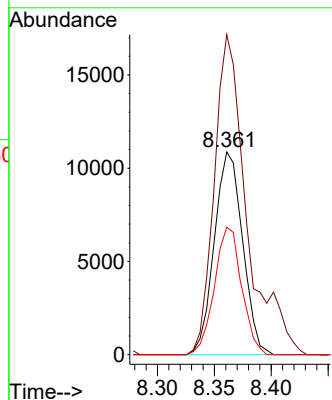
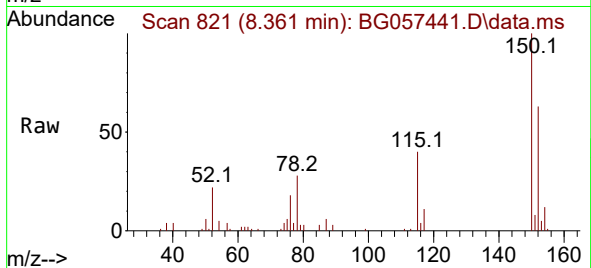




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

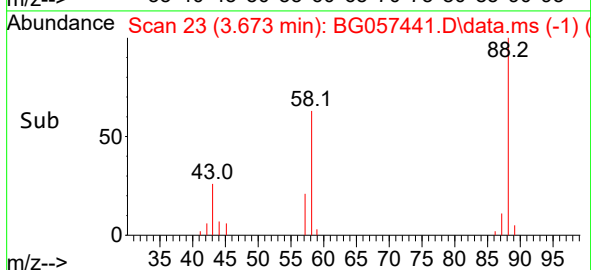
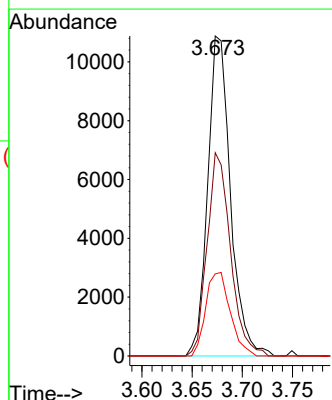
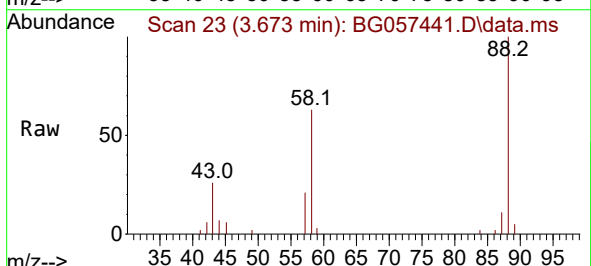
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:152 Resp: 18822
Ion Ratio Lower Upper
152 100
150 157.9 126.2 189.4
115 62.9 45.0 67.4



#2
1,4-Dioxane
Concen: 37.892 ng
RT: 3.673 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 88 Resp: 17239
Ion Ratio Lower Upper
88 100
58 65.0 57.1 85.7
43 28.0 24.4 36.6

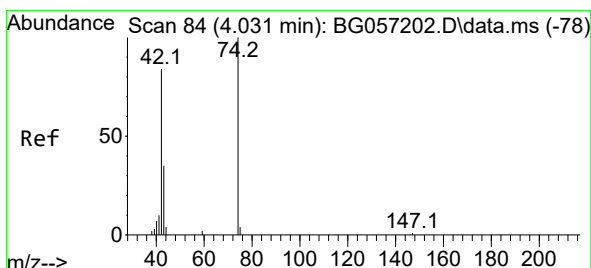
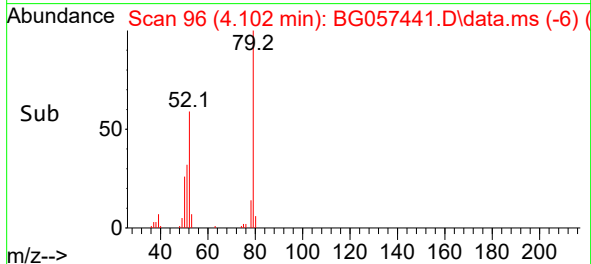
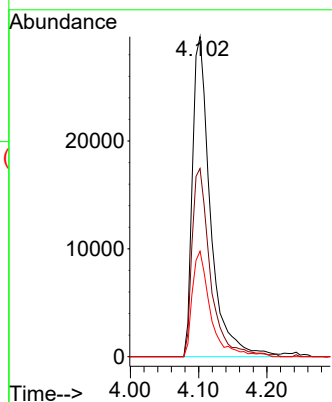
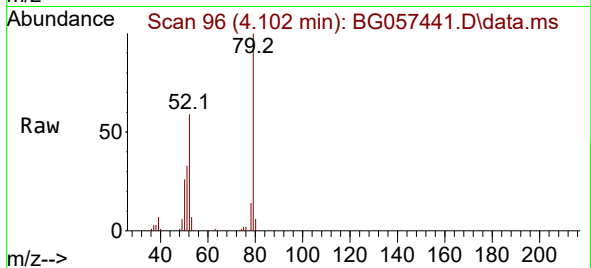




#3
Pyridine
Concen: 37.054 ng
RT: 4.102 min Scan# 90
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

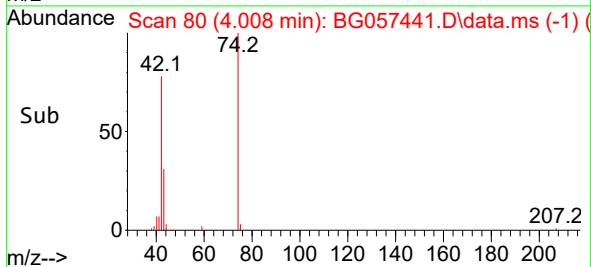
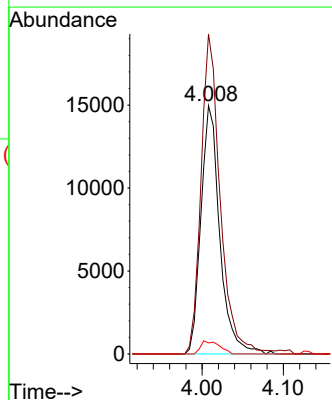
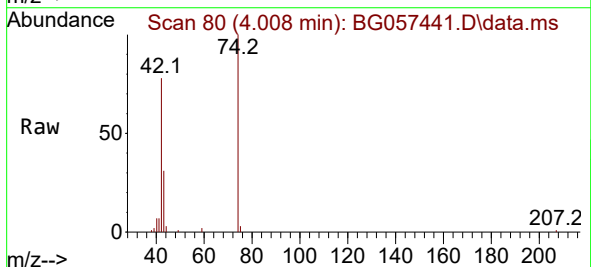
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 54176
Ion Ratio Lower Upper
79 100
52 58.8 51.4 77.0
51 33.0 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 35.057 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 42 Resp: 24087
Ion Ratio Lower Upper
42 100
74 128.9 95.1 142.7
44 4.4 5.8 8.8

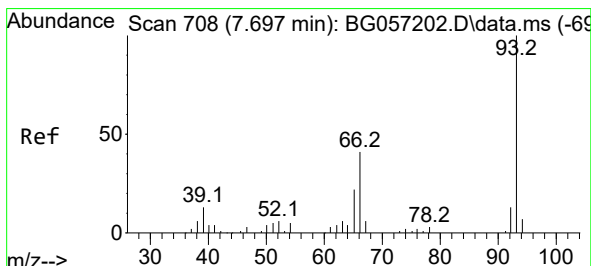
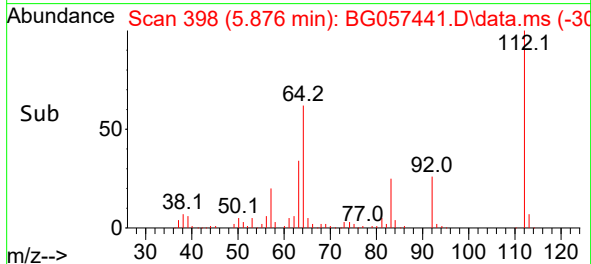
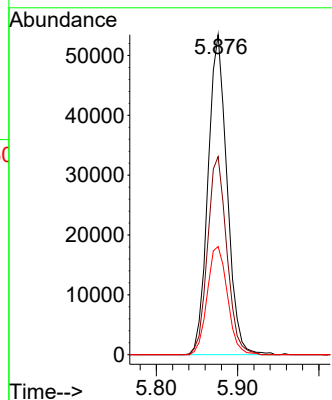
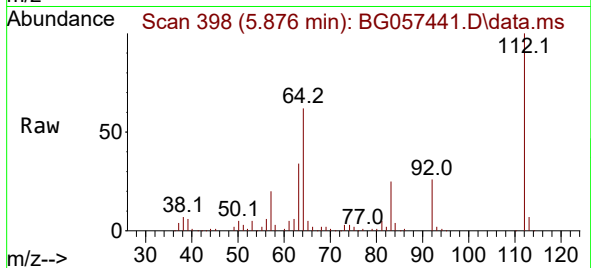




#5
2-Fluorophenol
Concen: 79.050 ng
RT: 5.876 min Scan# 398
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

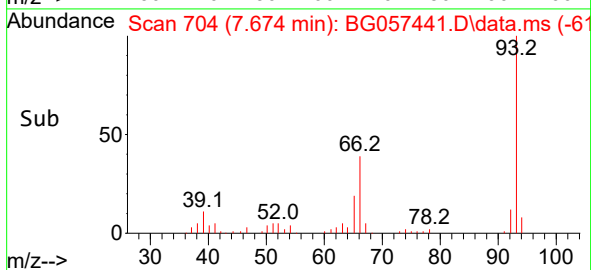
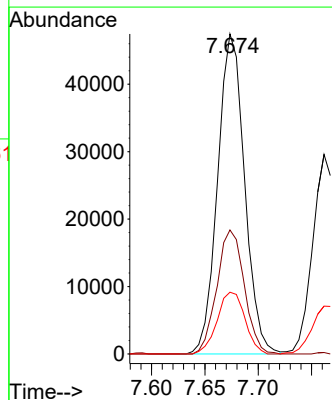
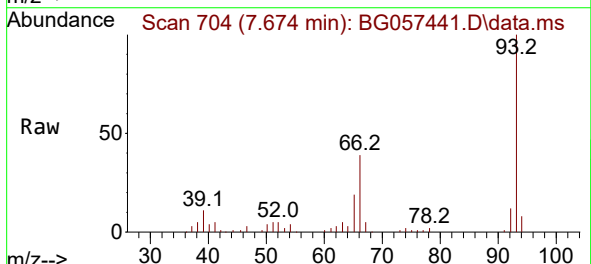
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ClientSampleId :
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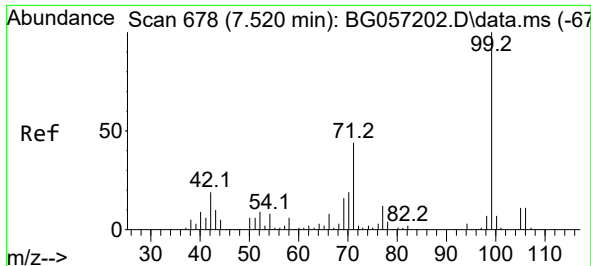
Tgt Ion:112 Resp: 86979
Ion Ratio Lower Upper
112 100
64 61.9 49.4 74.2
63 33.8 31.6 47.4



#6
Aniline
Concen: 39.293 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 93 Resp: 83286
Ion Ratio Lower Upper
93 100
66 38.8 33.0 49.6
65 19.3 18.0 27.0

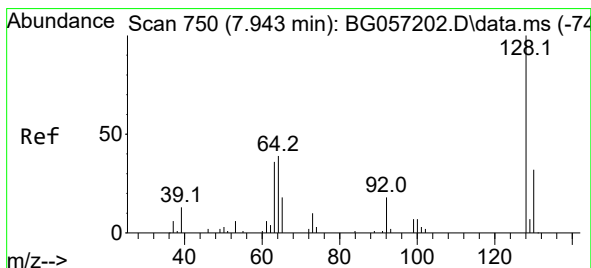
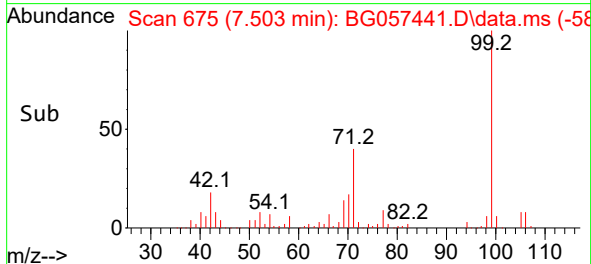
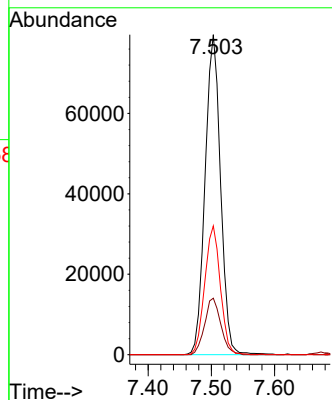
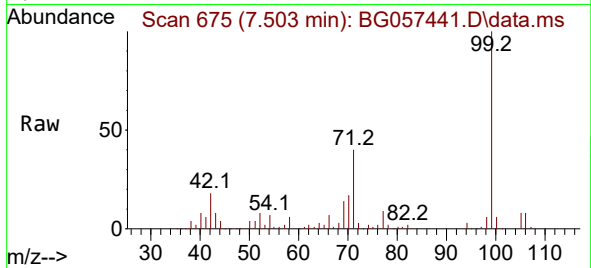




#7
Phenol-d6
Concen: 81.086 ng
RT: 7.503 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

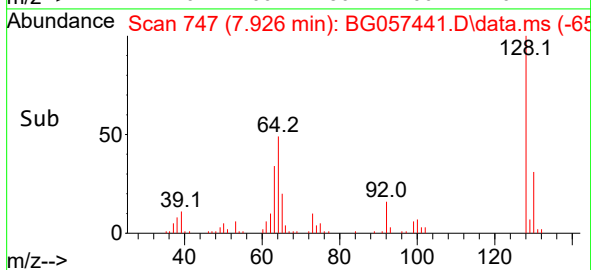
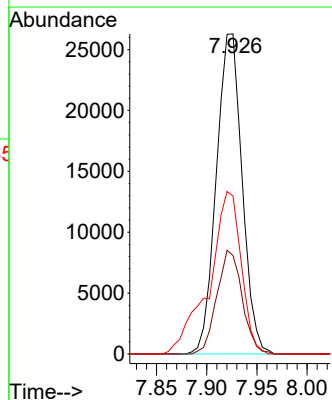
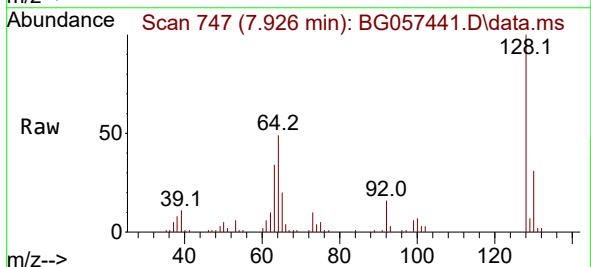
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 135483
Ion Ratio Lower Upper
99 100
42 17.7 15.1 22.7
71 40.2 35.2 52.8



#8
2-Chlorophenol
Concen: 40.392 ng
RT: 7.926 min Scan# 747
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:128 Resp: 46962
Ion Ratio Lower Upper
128 100
130 30.8 12.2 52.2
64 49.4 28.4 68.4

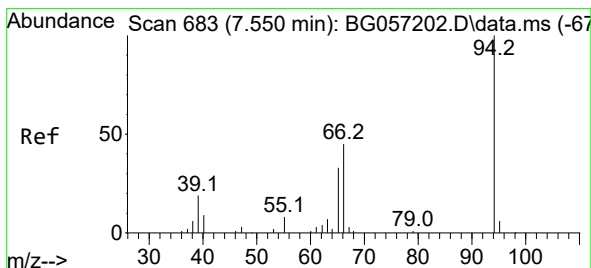
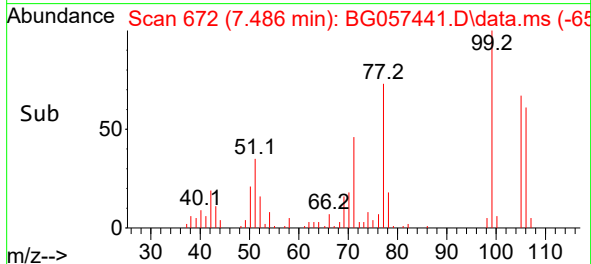
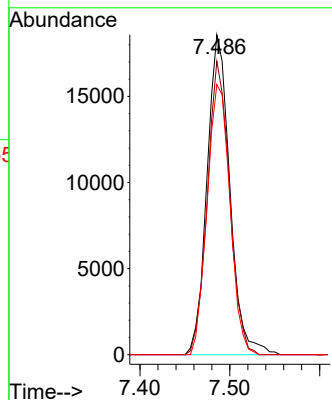
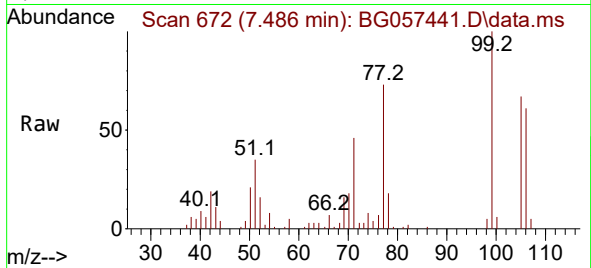




#9
Benzaldehyde
Concen: 36.405 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

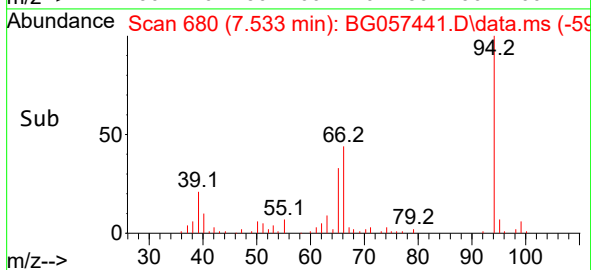
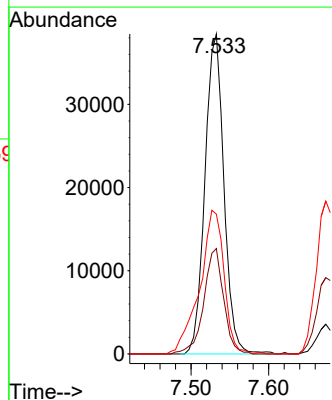
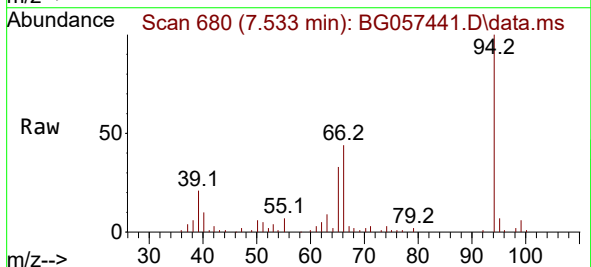
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ClientSampleId :
SSTDCCC040EC

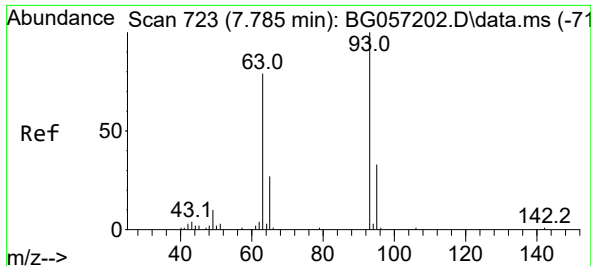
Tgt Ion: 77 Resp: 32815
Ion Ratio Lower Upper
77 100
105 91.7 74.6 114.6
106 84.4 66.3 106.3



#10
Phenol
Concen: 40.155 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 94 Resp: 65404
Ion Ratio Lower Upper
94 100
65 32.9 13.5 53.5
66 43.7 26.7 66.7

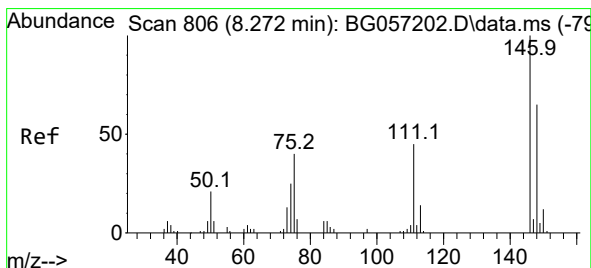
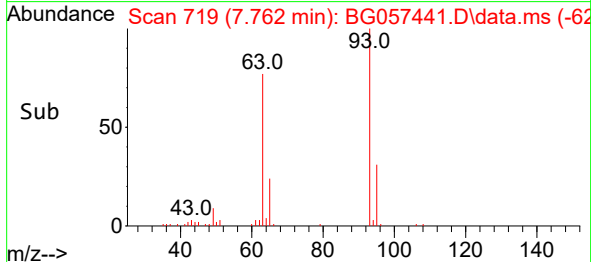
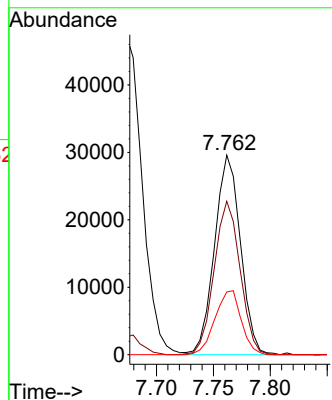
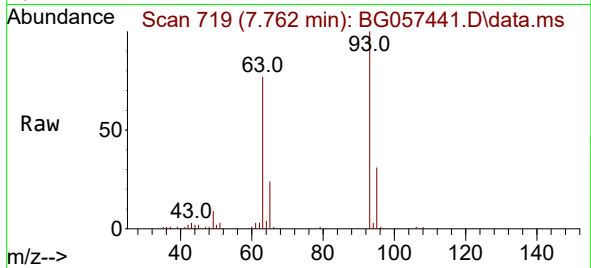




#11
bis(2-Chloroethyl)ether
Concen: 38.328 ng
RT: 7.762 min Scan# 71
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

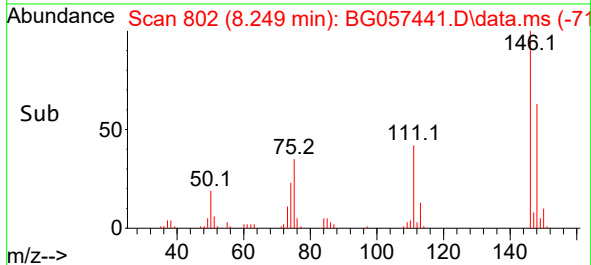
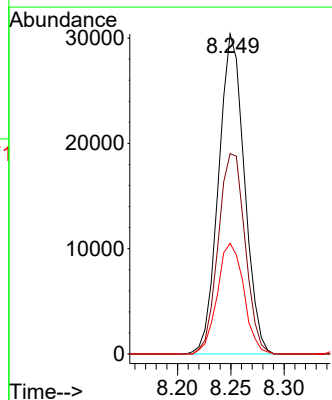
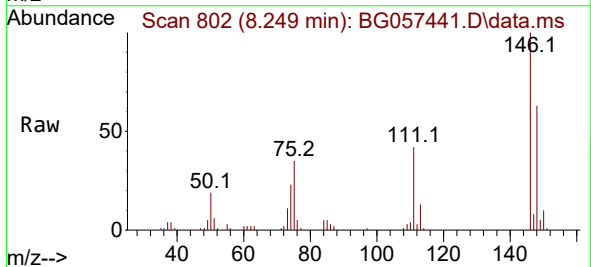
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

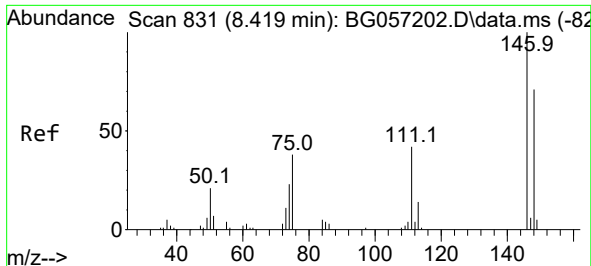
Tgt Ion: 93 Resp: 47075
Ion Ratio Lower Upper
93 100
63 76.9 58.6 98.6
95 31.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 39.800 ng
RT: 8.249 min Scan# 802
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 146 Resp: 51072
Ion Ratio Lower Upper
146 100
148 62.6 52.2 78.2
75 34.6 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 39.976 ng

RT: 8.396 min Scan# 81

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

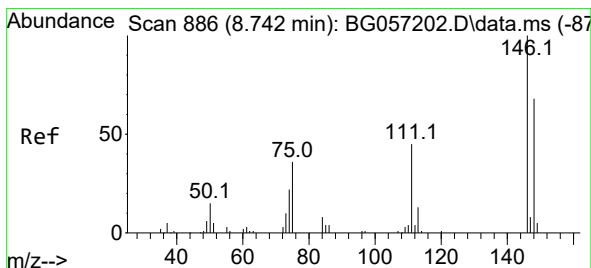
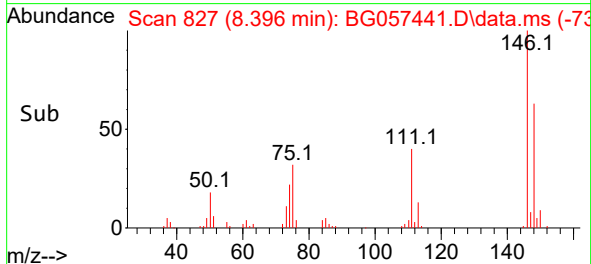
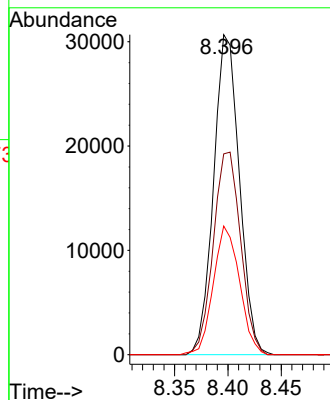
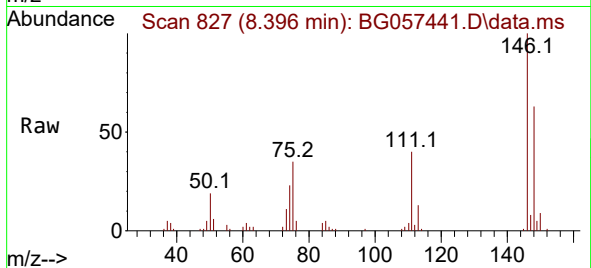
Tgt Ion:146 Resp: 51527

Ion Ratio Lower Upper

146 100

148 62.7 56.4 84.6

111 40.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 39.594 ng

RT: 8.725 min Scan# 883

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

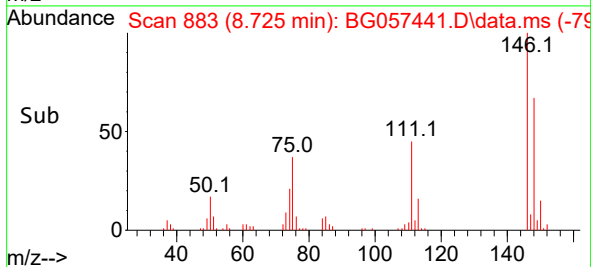
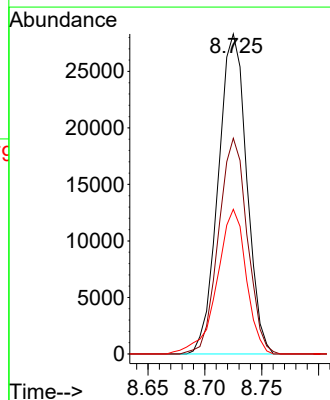
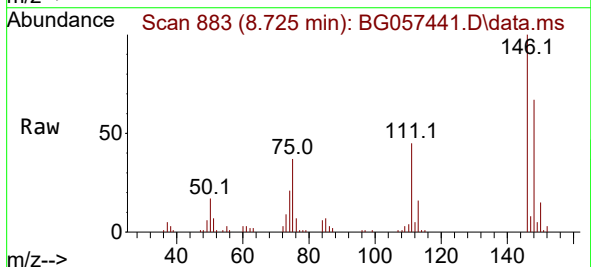
Tgt Ion:146 Resp: 49268

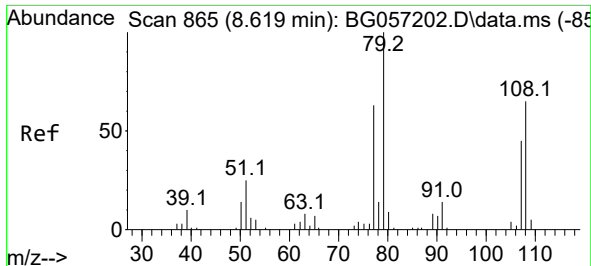
Ion Ratio Lower Upper

146 100

148 67.4 54.6 82.0

111 45.2 37.2 55.8

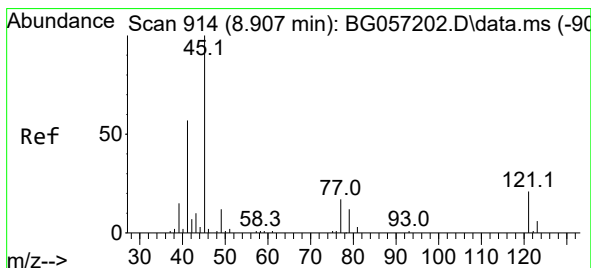
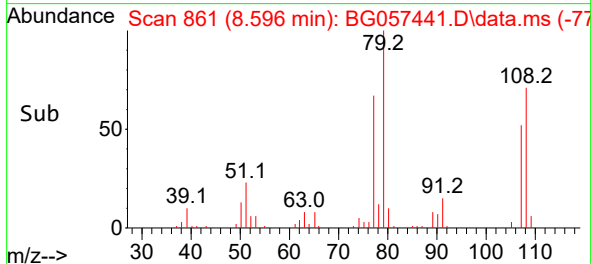
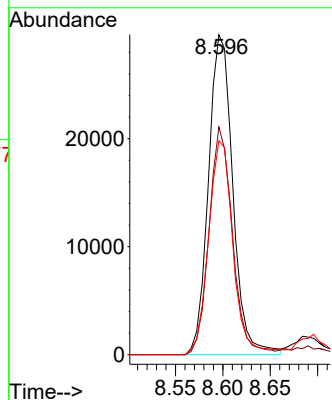
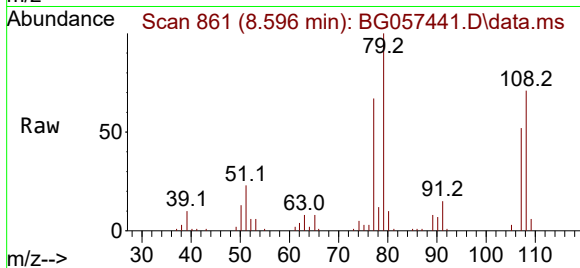




#15
Benzyl Alcohol
Concen: 38.005 ng
RT: 8.596 min Scan# 801
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

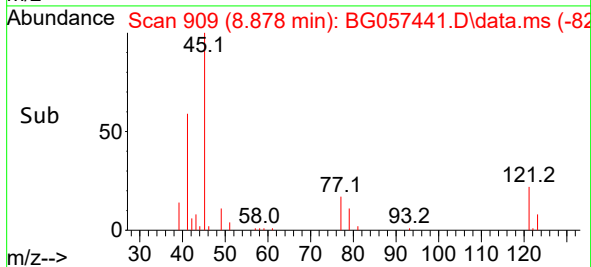
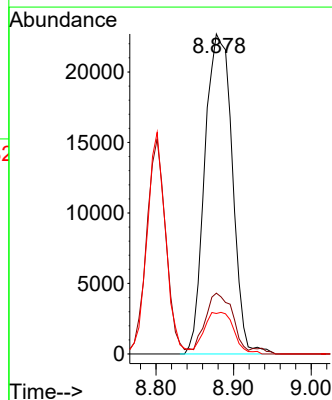
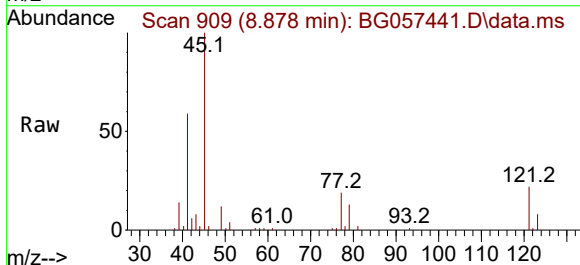
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 79 Resp: 52901
Ion Ratio Lower Upper
79 100
108 71.1 52.2 78.2
77 66.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.005 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.008 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 45 Resp: 55737
Ion Ratio Lower Upper
45 100
77 19.0 0.0 38.5
79 12.6 0.0 33.8

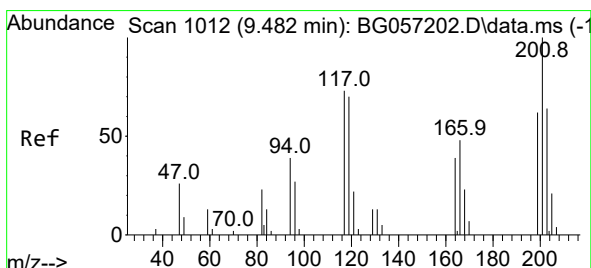
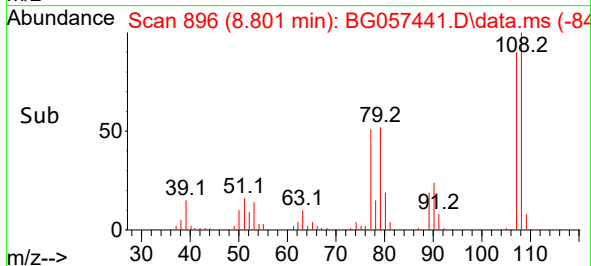
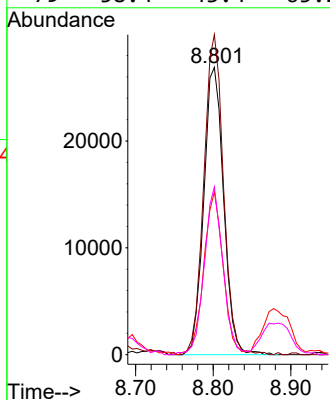
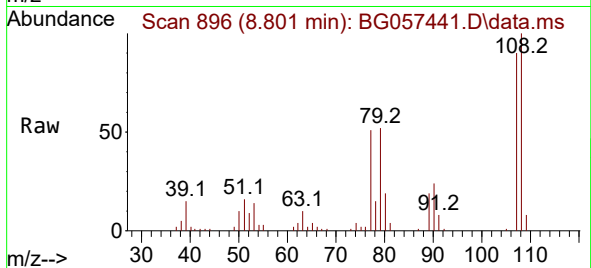




#17
2-Methylphenol
Concen: 40.723 ng
RT: 8.801 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

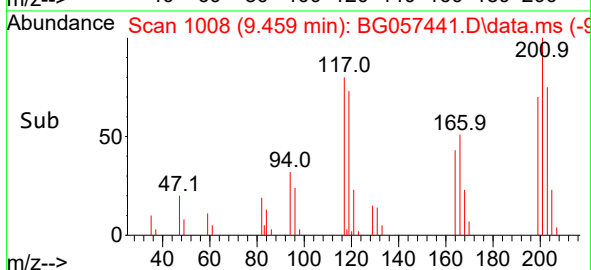
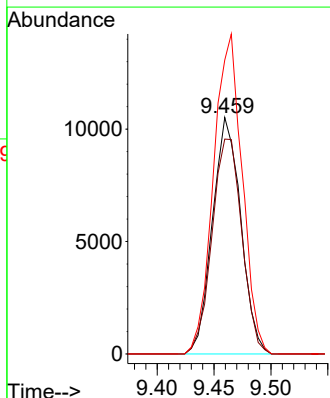
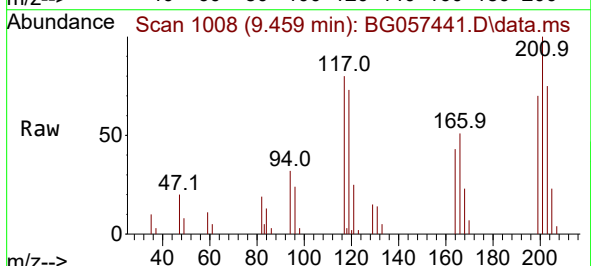
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

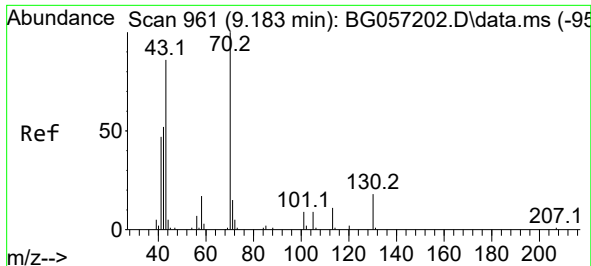
Tgt Ion:	107	Resp:	47814
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.5	134.3
77	56.7	45.1	67.7
79	58.4	43.4	65.2



#18
Hexachloroethane
Concen: 39.200 ng
RT: 9.459 min Scan# 1008
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:	117	Resp:	18234
Ion	Ratio	Lower	Upper
117	100		
119	90.9	76.7	115.1
201	124.3	109.0	163.4

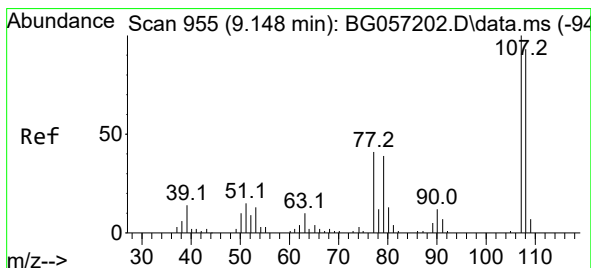
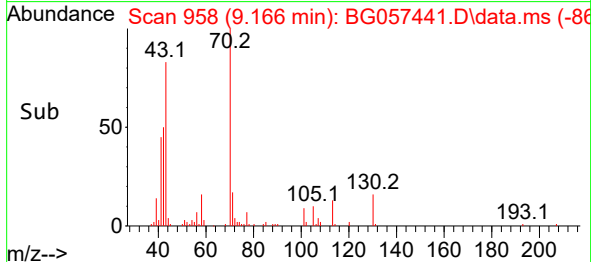
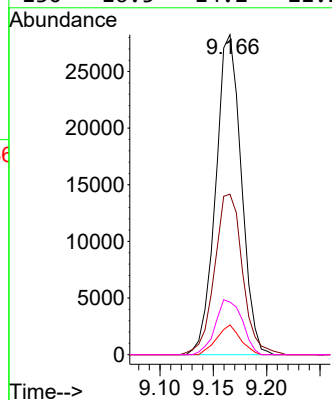
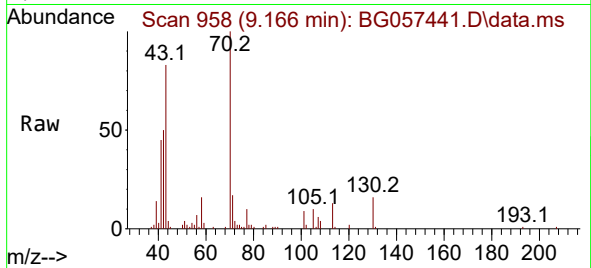




#19
n-Nitroso-di-n-propylamine
Concen: 36.967 ng
RT: 9.166 min Scan# 91
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

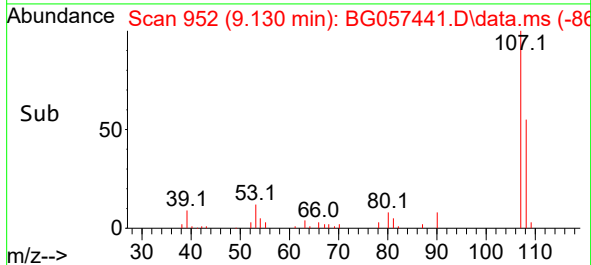
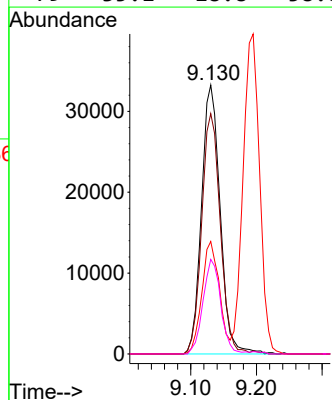
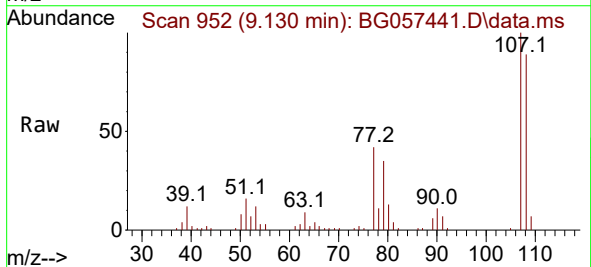
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

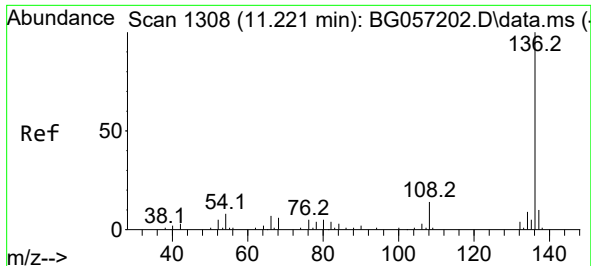
Tgt Ion:	70	Resp:	47098
Ion Ratio	Lower	Upper	
70	100		
42	50.2	41.8	62.8
101	9.3	6.8	10.2
130	16.5	14.2	21.2



#20
3+4-Methylphenols
Concen: 40.858 ng
RT: 9.130 min Scan# 952
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:	107	Resp:	65688
Ion Ratio	Lower	Upper	
107	100		
108	89.4	73.5	113.5
77	41.8	21.1	61.1
79	35.1	18.8	58.8

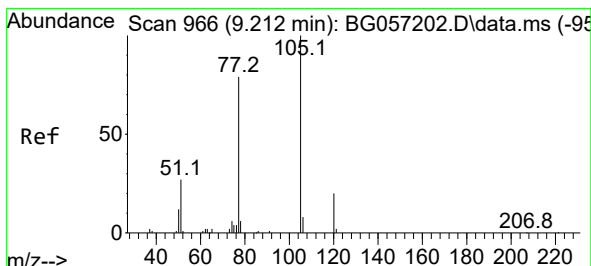
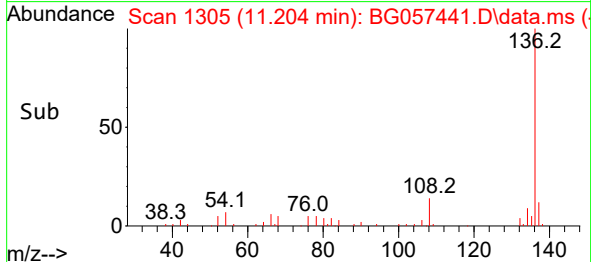
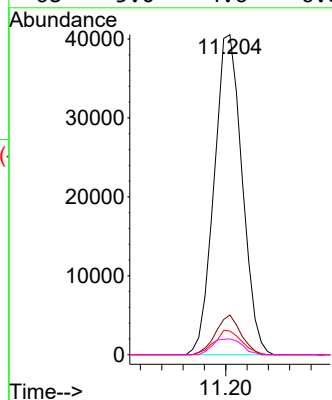
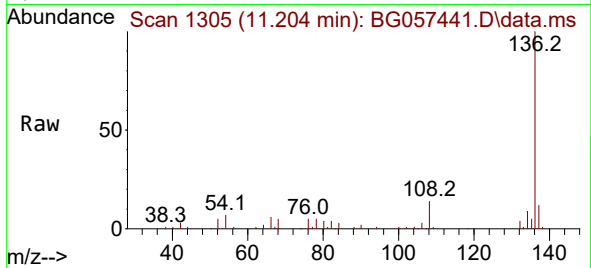




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.204 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

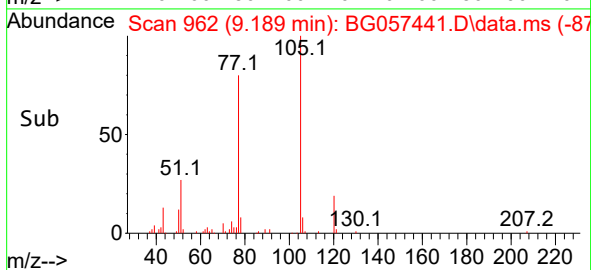
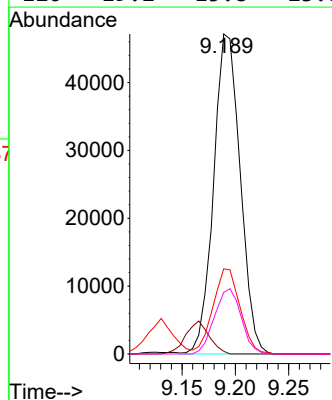
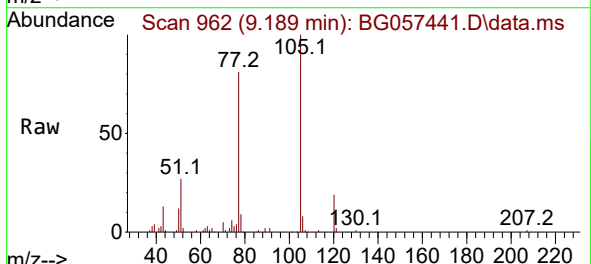
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

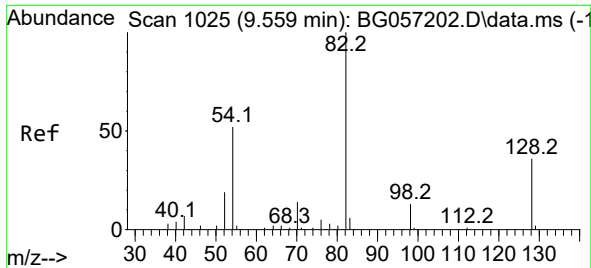
Tgt Ion:136	Resp:	73771
Ion Ratio	Lower	Upper
136	100	
137	12.4	8.3 12.5
54	7.4	6.7 10.1
68	5.0	4.6 6.8



#22
Acetophenone
Concen: 38.756 ng
RT: 9.189 min Scan# 962
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:105	Resp:	81831
Ion Ratio	Lower	Upper
105	100	
71	0.9	0.4 0.6#
51	26.6	24.0 36.0
120	19.2	15.8 23.8

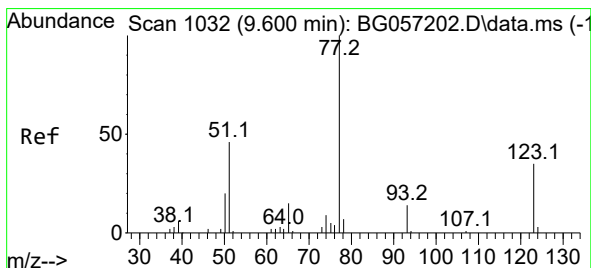
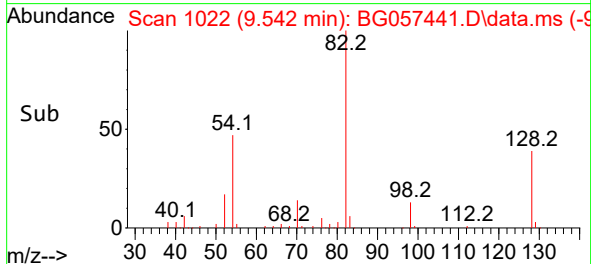
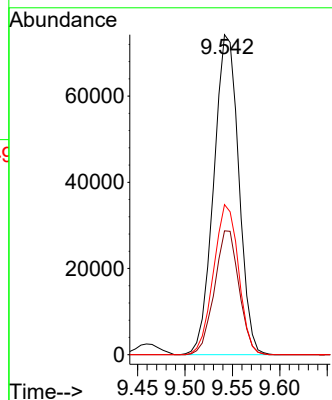
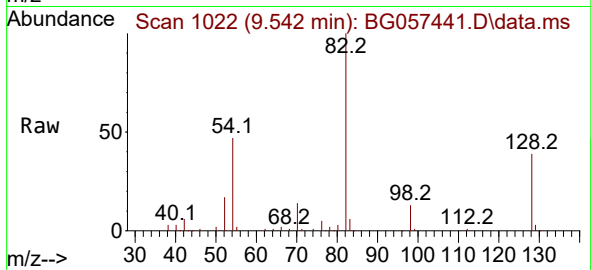




#23
Nitrobenzene-d5
Concen: 77.576 ng
RT: 9.542 min Scan# 1022
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

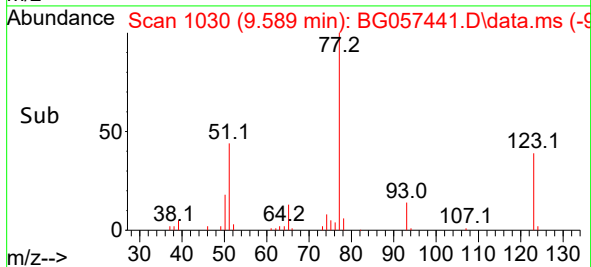
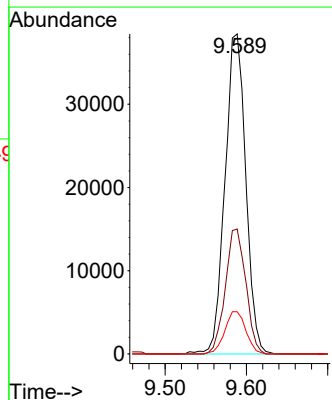
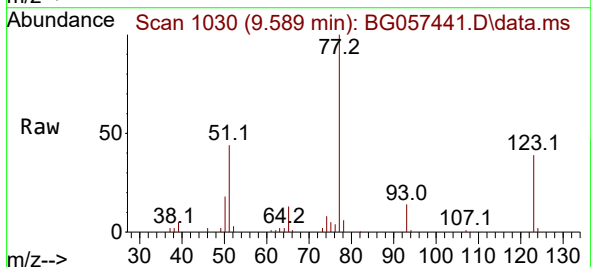
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

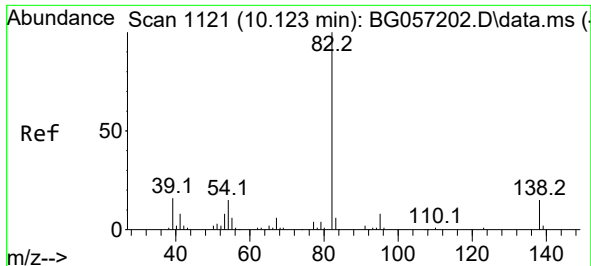
Tgt Ion: 82 Resp: 136354
Ion Ratio Lower Upper
82 100
128 38.7 29.0 43.4
54 46.9 41.4 62.0



#24
Nitrobenzene
Concen: 38.539 ng
RT: 9.589 min Scan# 1030
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 77 Resp: 68370
Ion Ratio Lower Upper
77 100
123 39.0 28.2 42.2
65 13.2 11.7 17.5

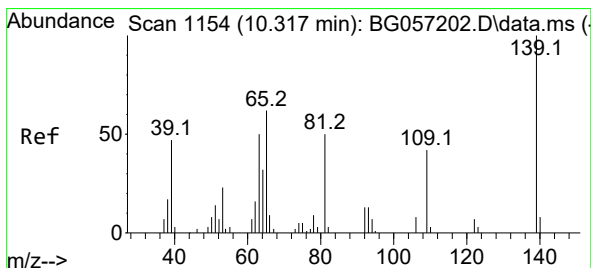
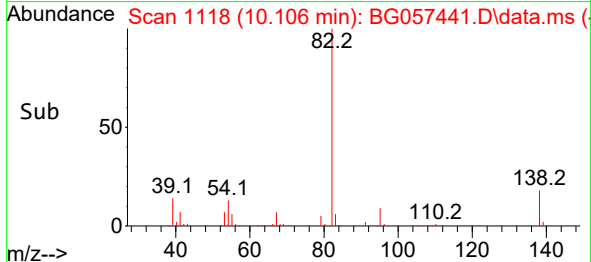
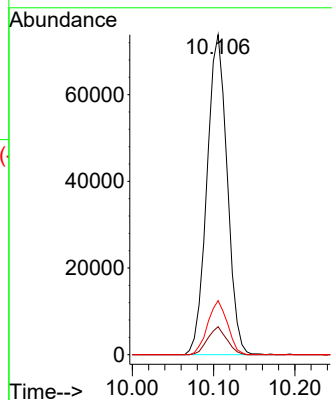
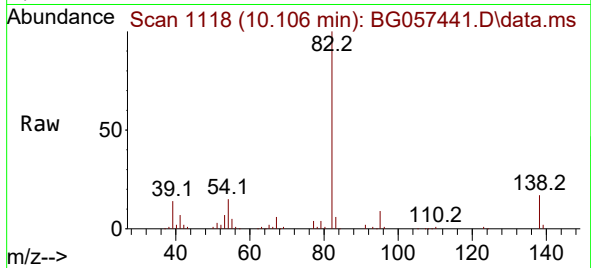




#25
Isophorone
Concen: 37.397 ng
RT: 10.106 min Scan# 1118
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

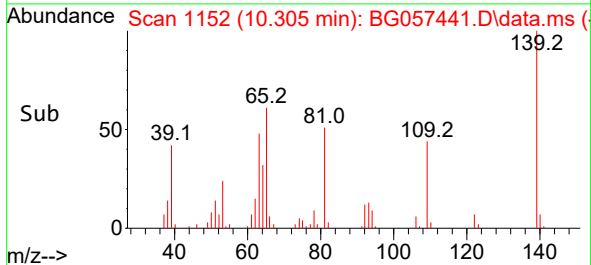
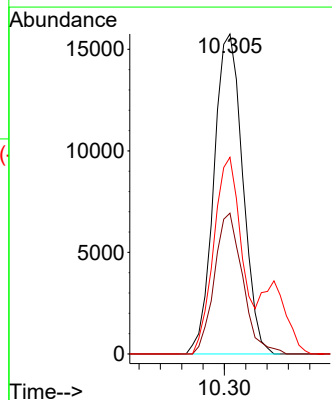
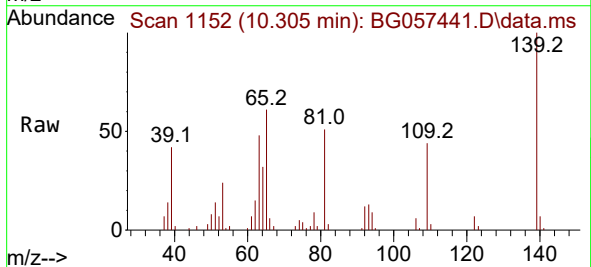
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

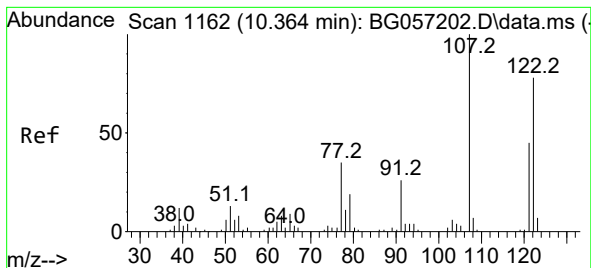
Tgt Ion: 82 Resp: 127459
Ion Ratio Lower Upper
82 100
95 8.7 6.4 9.6
138 16.9 12.3 18.5



#26
2-Nitrophenol
Concen: 43.510 ng
RT: 10.305 min Scan# 1152
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:139 Resp: 29546
Ion Ratio Lower Upper
139 100
109 44.0 33.4 50.2
65 61.5 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 41.651 ng

RT: 10.346 min Scan# 1159

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

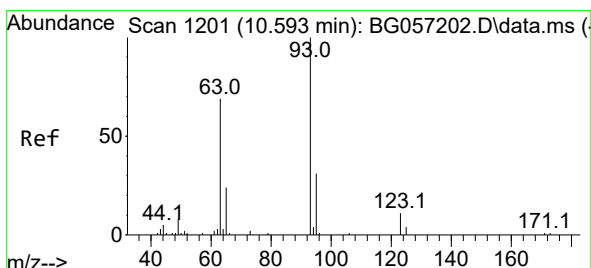
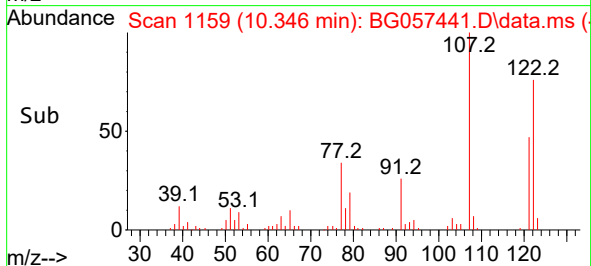
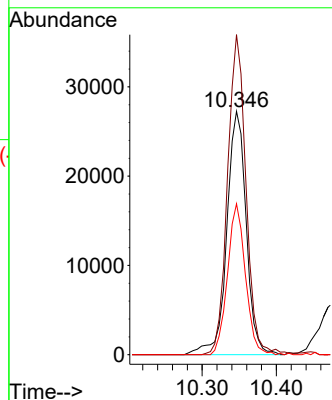
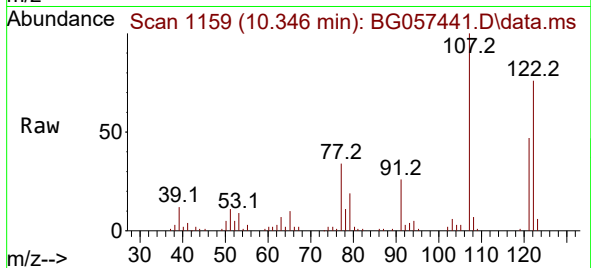
Tgt Ion:122 Resp: 49526

Ion Ratio Lower Upper

122 100

107 131.5 103.0 154.4

121 62.0 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 39.058 ng

RT: 10.575 min Scan# 1198

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

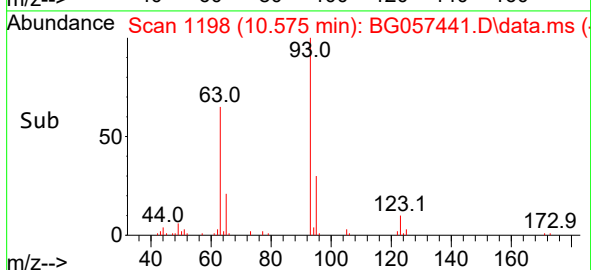
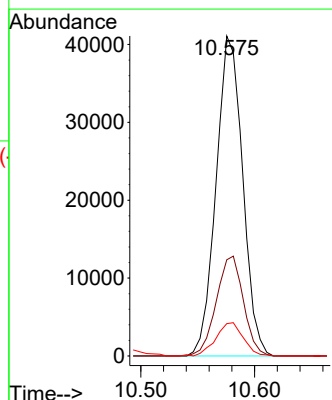
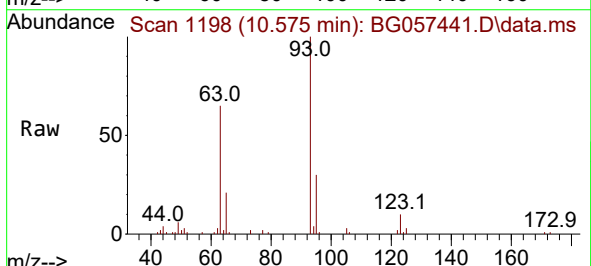
Tgt Ion: 93 Resp: 66691

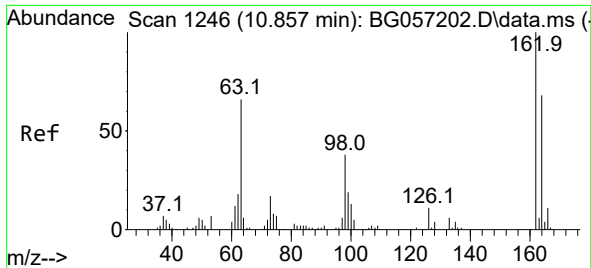
Ion Ratio Lower Upper

93 100

95 30.1 25.0 37.6

123 10.1 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 43.276 ng

RT: 10.846 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

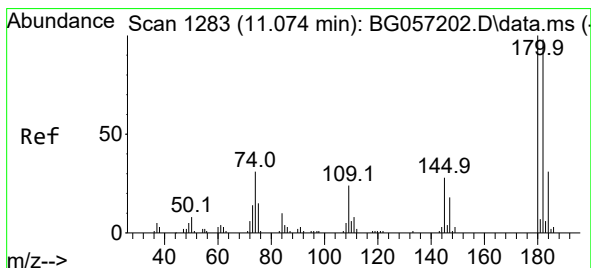
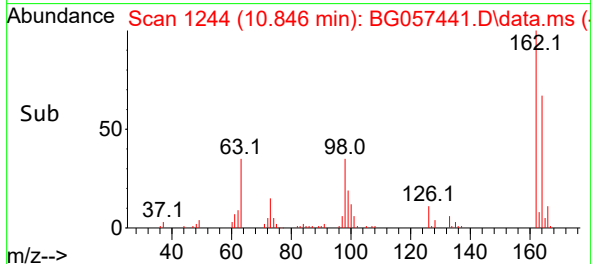
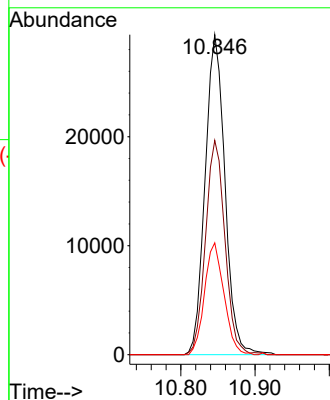
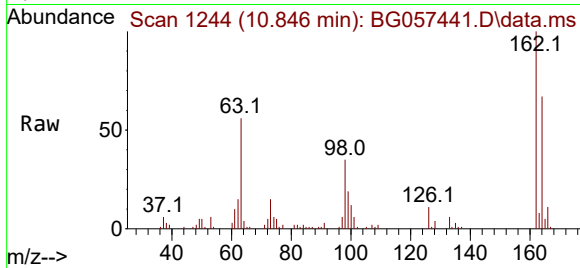
Tgt Ion:162 Resp: 54578

Ion Ratio Lower Upper

162 100

164 67.0 48.4 88.4

98 35.0 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 40.829 ng

RT: 11.057 min Scan# 1280

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

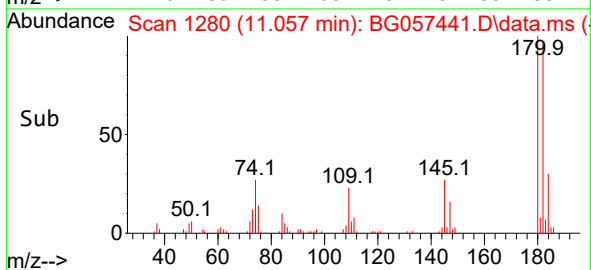
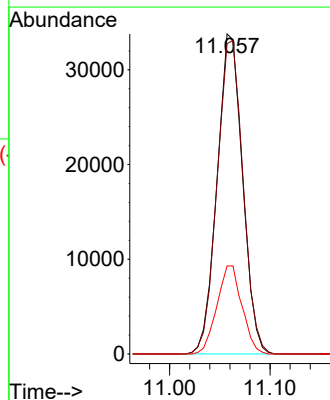
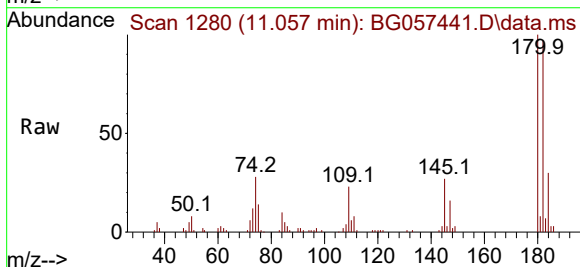
Tgt Ion:180 Resp: 59390

Ion Ratio Lower Upper

180 100

182 97.0 78.0 117.0

145 27.5 22.4 33.6

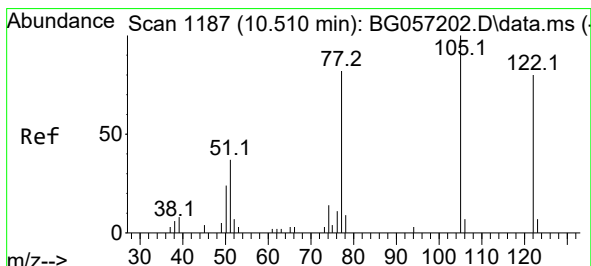
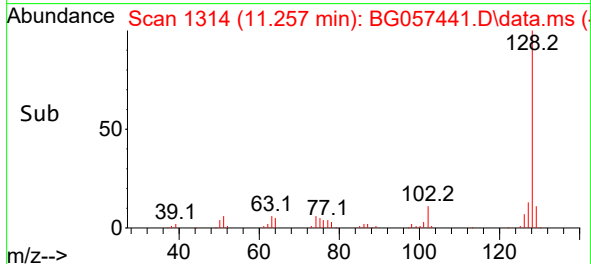
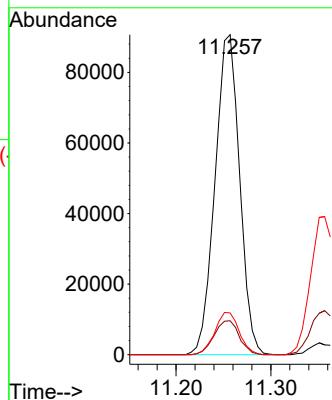
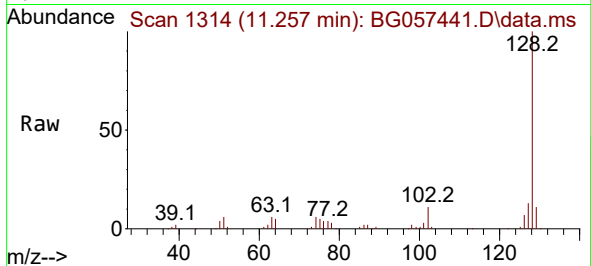




#31
Naphthalene
Concen: 41.444 ng
RT: 11.257 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

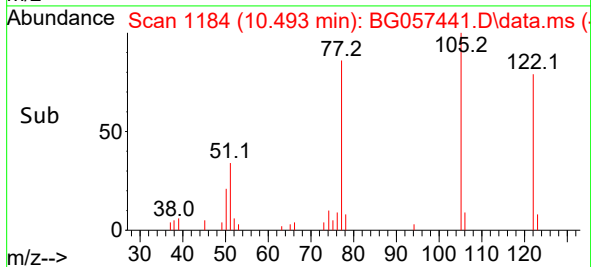
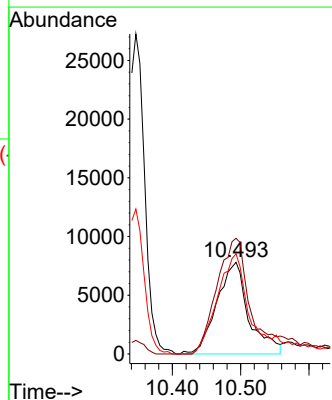
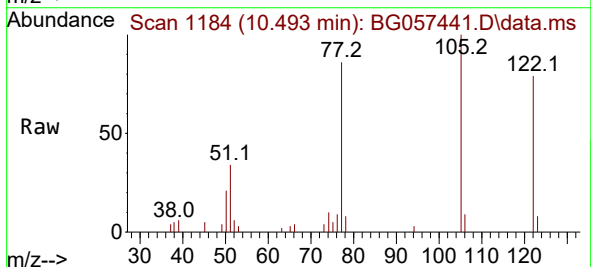
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ClientSampleId :
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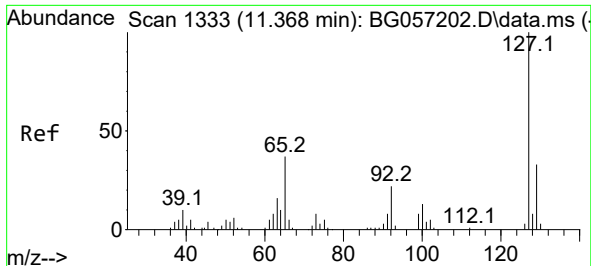
Tgt Ion:128 Resp: 163449
Ion Ratio Lower Upper
128 100
129 10.6 8.3 12.5
127 13.1 11.1 16.7



#32
Benzoic acid
Concen: 38.145 ng
RT: 10.493 min Scan# 1184
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:122 Resp: 25418
Ion Ratio Lower Upper
122 100
105 126.3 105.2 145.2
77 109.2 83.1 123.1

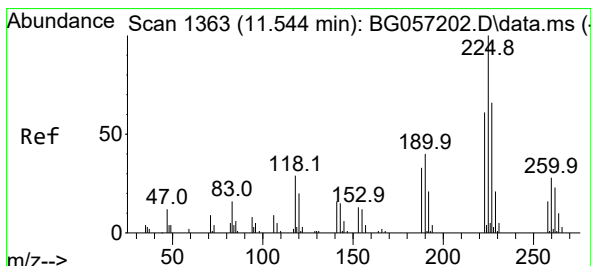
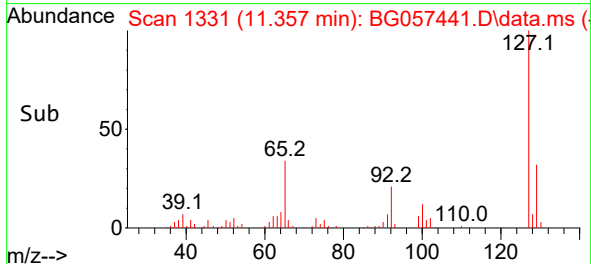
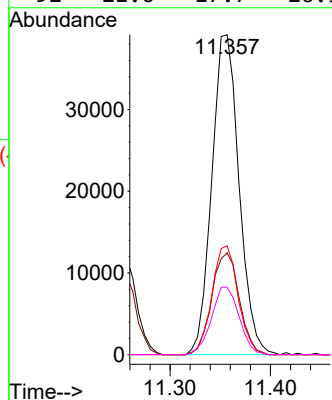
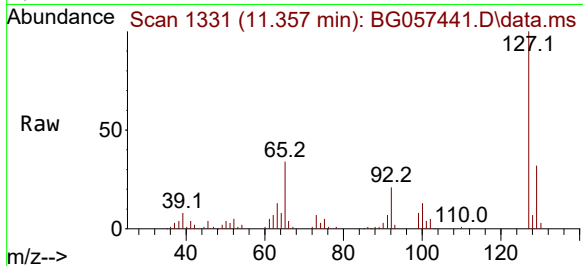




#33
4-Chloroaniline
Concen: 41.649 ng
RT: 11.357 min Scan# 11357
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

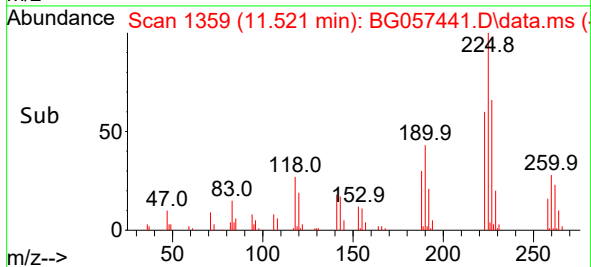
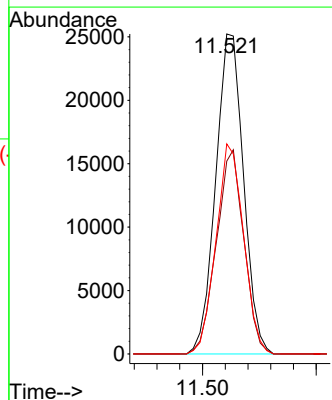
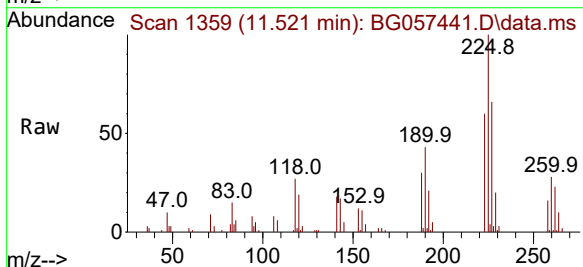
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

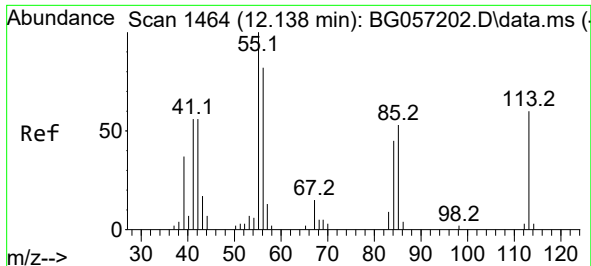
Tgt Ion:	127	Resp:	73766
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.7	40.1
65	34.0	29.7	44.5
92	21.0	17.7	26.5



#34
Hexachlorobutadiene
Concen: 39.742 ng
RT: 11.521 min Scan# 1359
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:	225	Resp:	42895
Ion	Ratio	Lower	Upper
225	100		
223	60.3	48.6	72.8
227	65.6	52.7	79.1

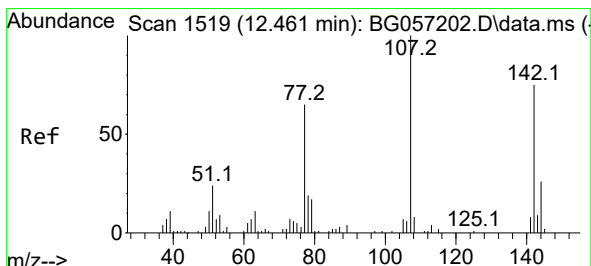
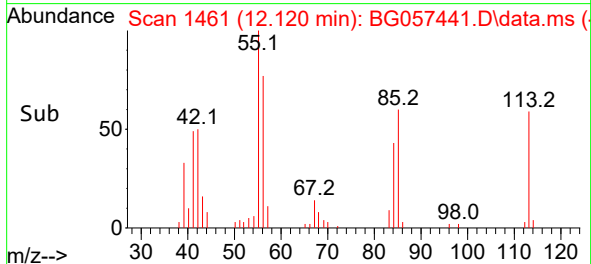
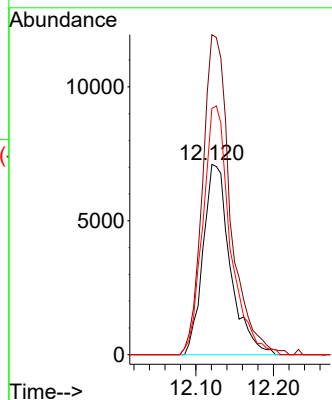
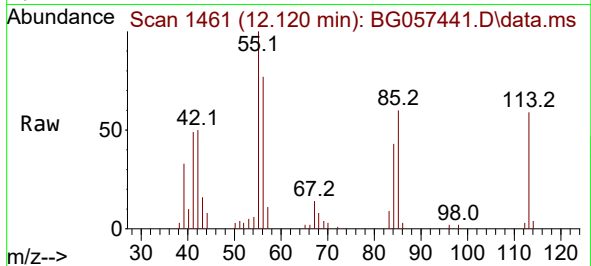




#35
Caprolactam
Concen: 40.249 ng
RT: 12.120 min Scan# 1461
Delta R.T. -0.008 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

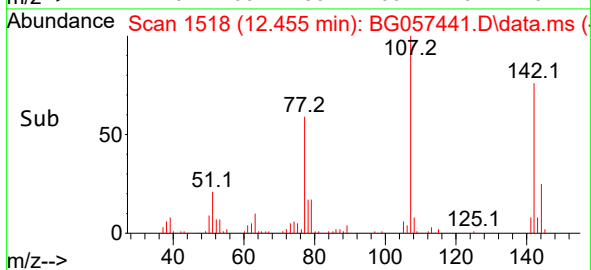
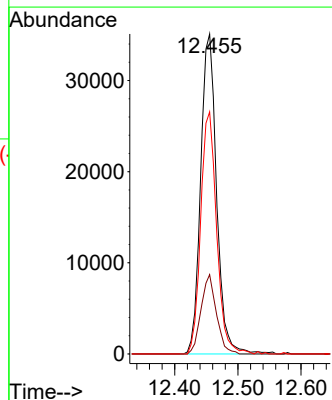
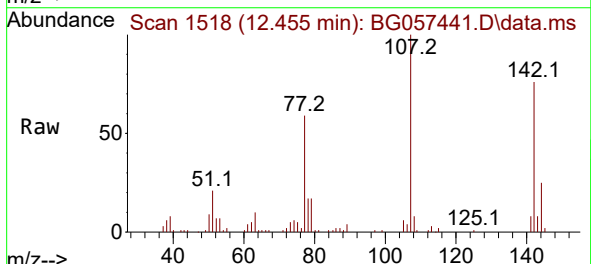
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BNA_G
ClientSampleId :
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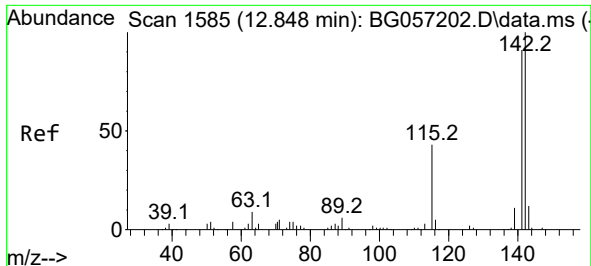
Tgt Ion:113 Resp: 17339
Ion Ratio Lower Upper
113 100
55 168.3 145.5 185.5
56 129.5 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 42.899 ng
RT: 12.455 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:107 Resp: 61483
Ion Ratio Lower Upper
107 100
144 24.8 21.0 31.6
142 75.6 60.0 90.0

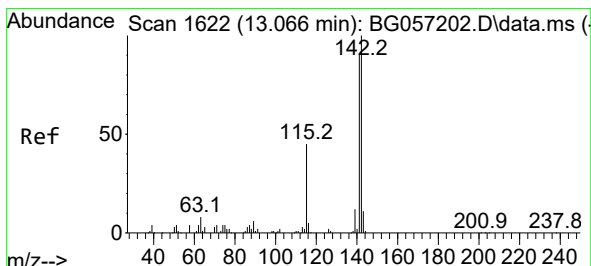
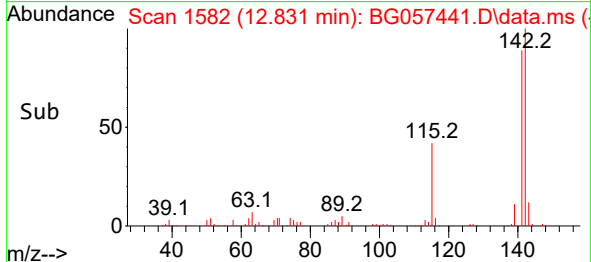
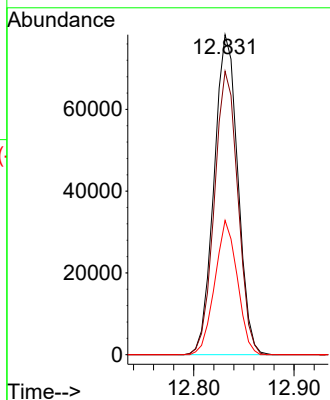
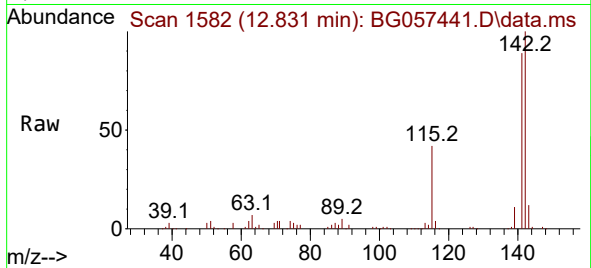




#37
2-Methylnaphthalene
Concen: 41.517 ng
RT: 12.831 min Scan# 1582
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

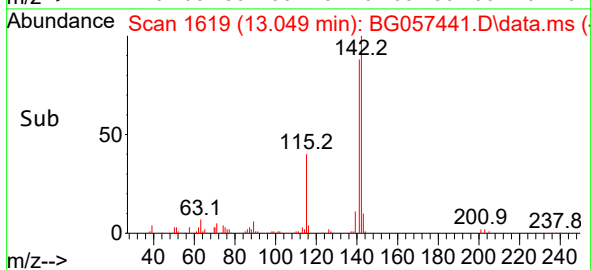
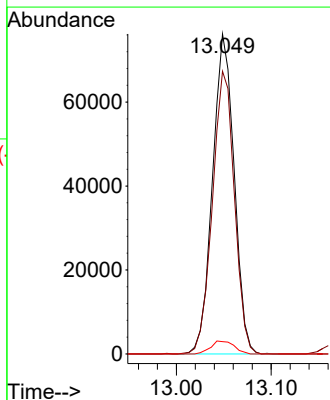
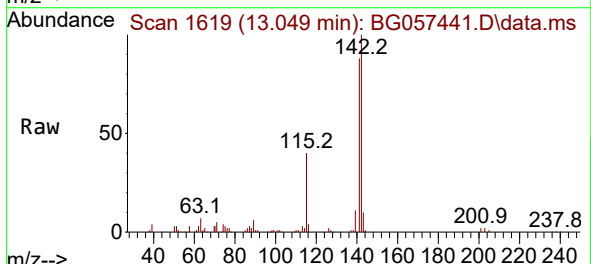
Instrument :
BNA_G
ClientSampleId :
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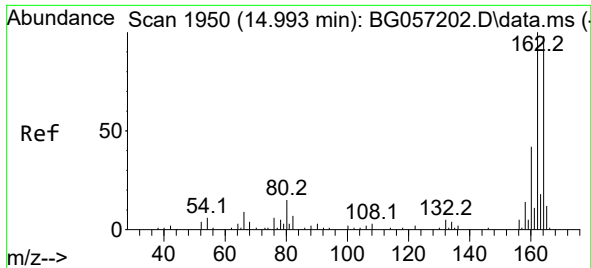
Tgt Ion:142 Resp: 128738
Ion Ratio Lower Upper
142 100
141 88.6 73.1 109.7
115 42.0 34.6 52.0



#38
1-Methylnaphthalene
Concen: 41.296 ng
RT: 13.049 min Scan# 1619
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:142 Resp: 120698
Ion Ratio Lower Upper
142 100
141 88.4 72.5 108.7
116 3.8 3.7 5.5

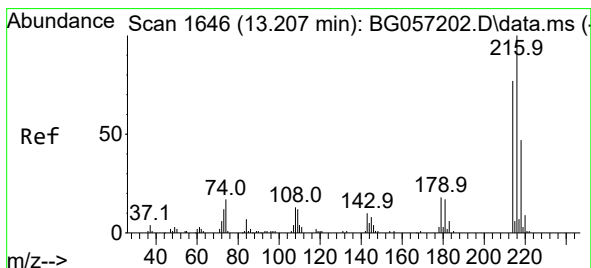
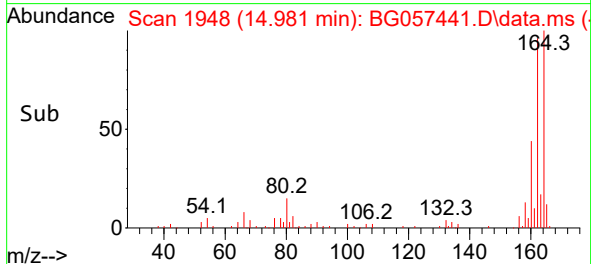
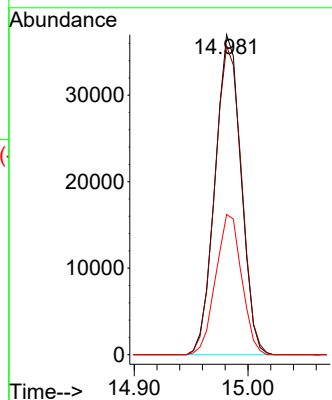
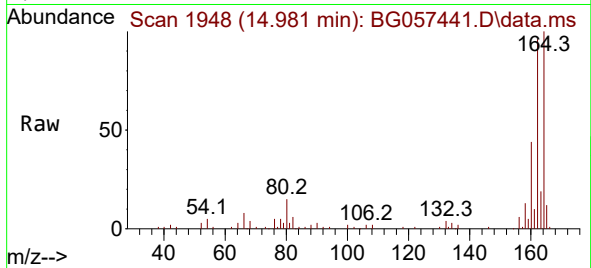




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.981 min Scan# 1498
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

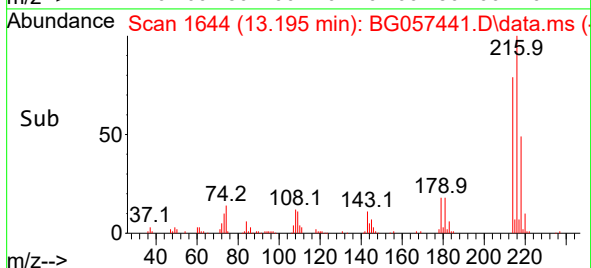
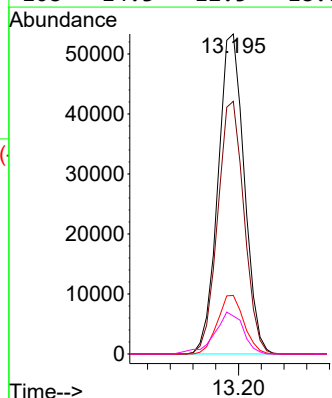
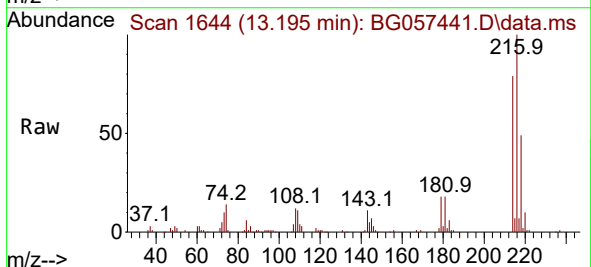
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

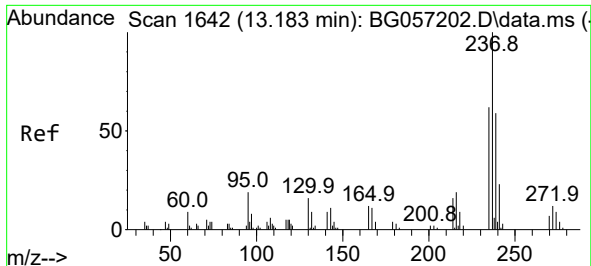
Tgt Ion:164 Resp: 58690
Ion Ratio Lower Upper
164 100
162 96.5 81.8 122.6
160 43.8 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.948 ng
RT: 13.195 min Scan# 1644
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:216 Resp: 85317
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 18.5 14.6 22.0
108 14.3 12.5 18.7

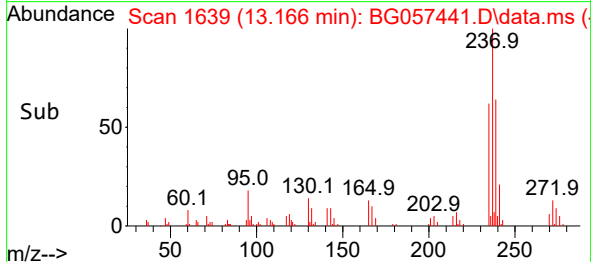
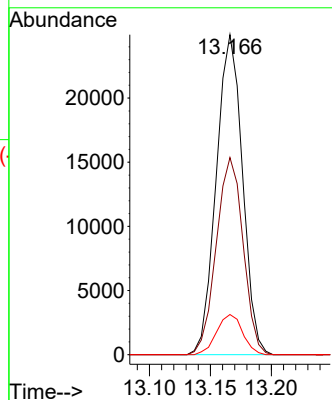
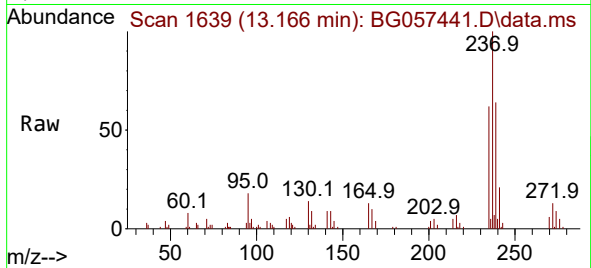




#41
Hexachlorocyclopentadiene
Concen: 40.607 ng
RT: 13.166 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

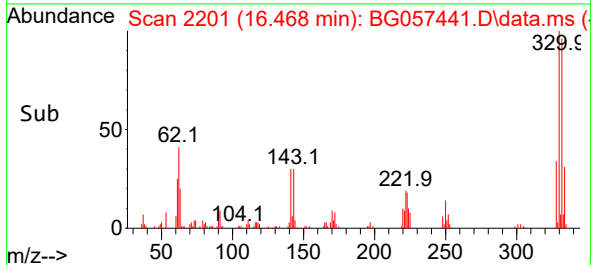
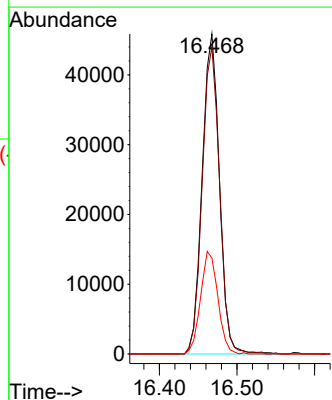
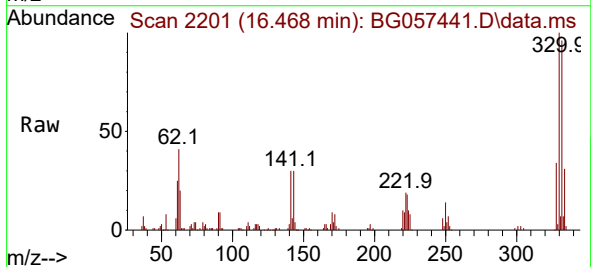
Instrument :
BNA_G
ClientSampleId :
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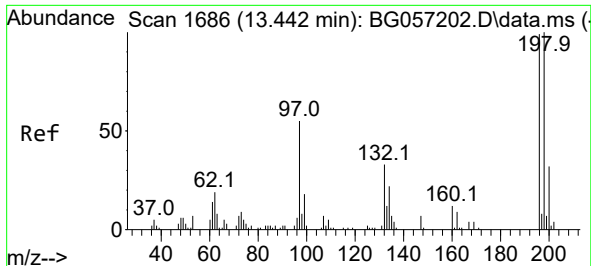
Tgt Ion:237 Resp: 37298
Ion Ratio Lower Upper
237 100
235 61.6 42.0 82.0
272 12.6 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 84.808 ng
RT: 16.468 min Scan# 2201
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:330 Resp: 70624
Ion Ratio Lower Upper
330 100
332 97.0 78.2 117.2
141 32.2 27.8 41.8

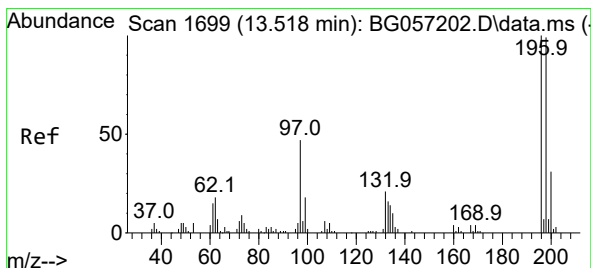
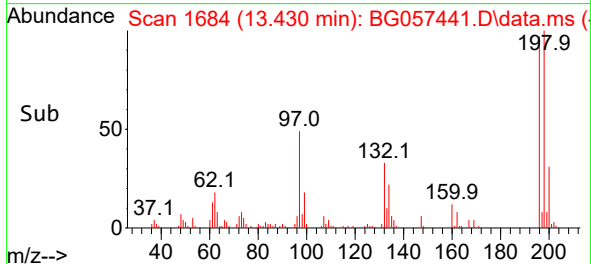
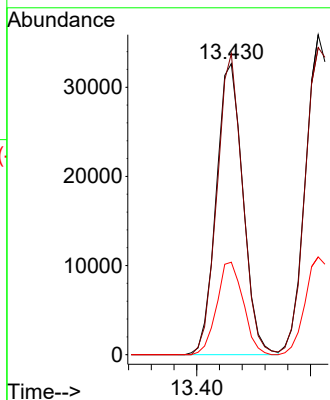
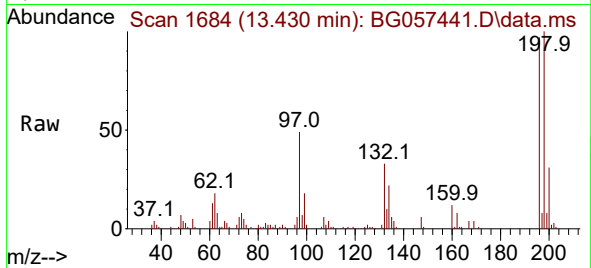




#43
2,4,6-Trichlorophenol
Concen: 42.083 ng
RT: 13.430 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

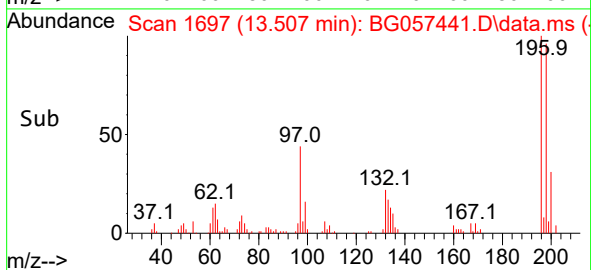
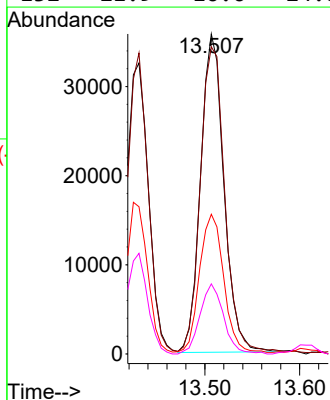
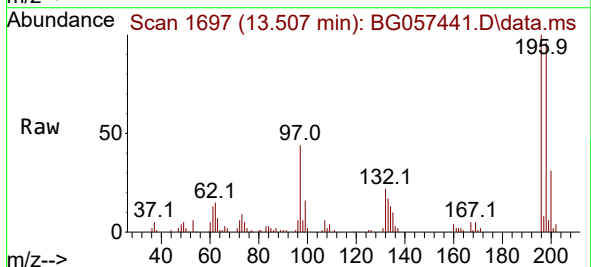
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

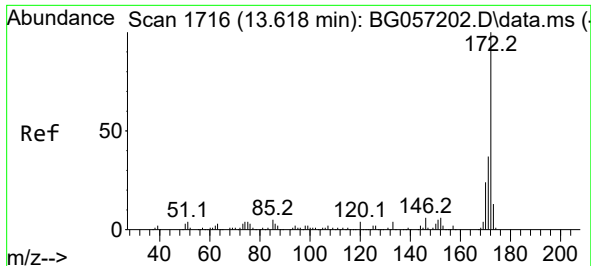
Tgt Ion:196 Resp: 53419
Ion Ratio Lower Upper
196 100
198 103.5 81.2 121.8
200 31.8 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 40.854 ng
RT: 13.507 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:196 Resp: 61001
Ion Ratio Lower Upper
196 100
198 96.0 79.4 119.2
97 43.7 37.0 55.4
132 21.9 16.6 24.8

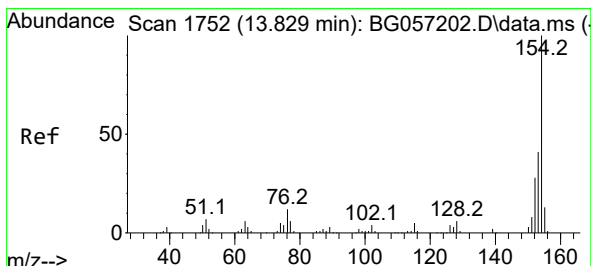
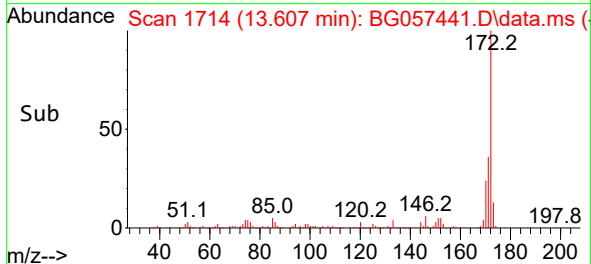
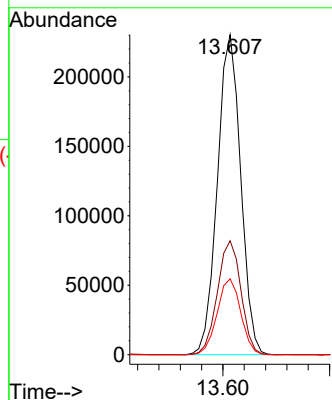
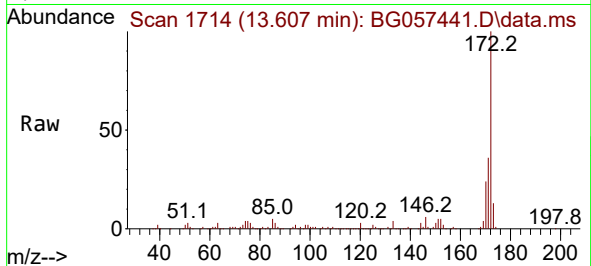




#45
2-Fluorobiphenyl
Concen: 80.101 ng
RT: 13.607 min Scan# 1716
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

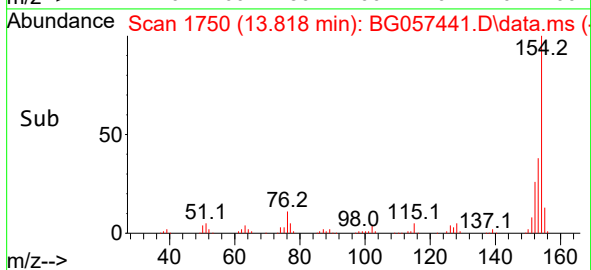
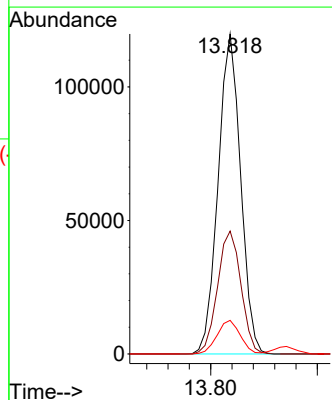
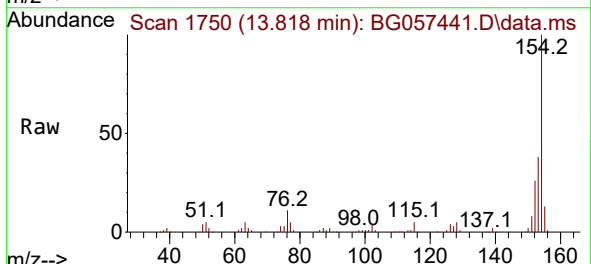
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 349059
Ion Ratio Lower Upper
172 100
171 35.6 29.4 44.0
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 40.214 ng
RT: 13.818 min Scan# 1750
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:154 Resp: 175134
Ion Ratio Lower Upper
154 100
153 38.4 20.9 60.9
76 10.5 0.0 31.7

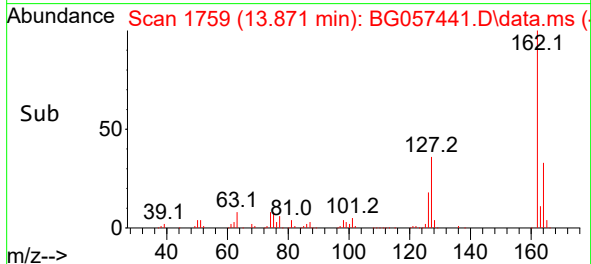
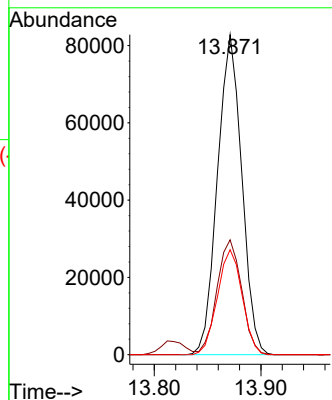
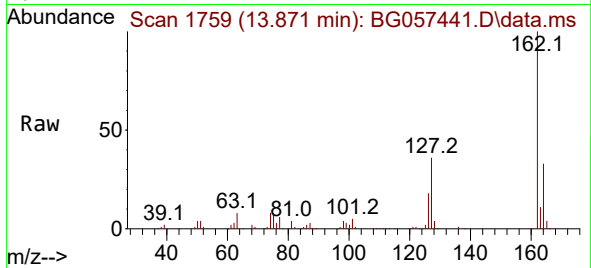




#47
2-Chloronaphthalene
Concen: 40.402 ng
RT: 13.871 min Scan# 1759
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

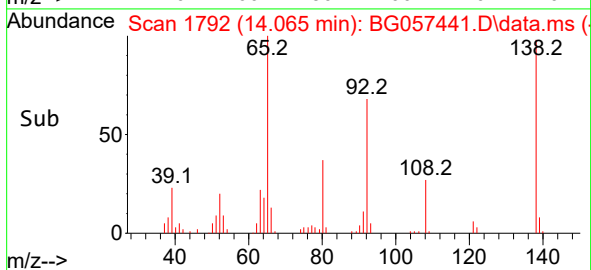
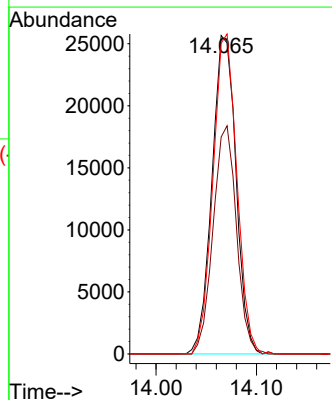
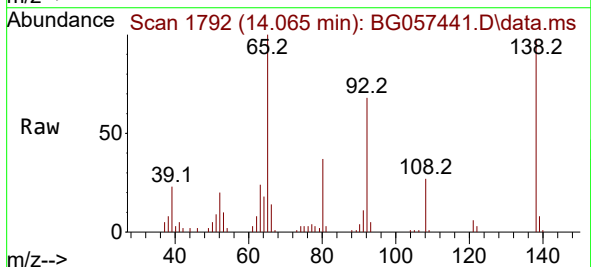
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

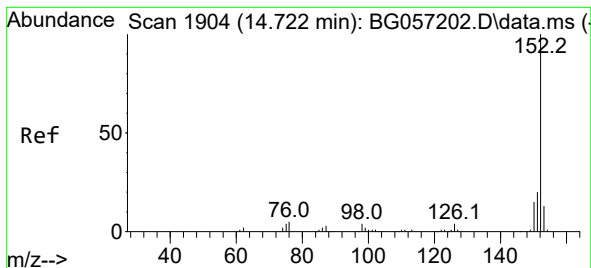
Tgt Ion:162 Resp: 130843
Ion Ratio Lower Upper
162 100
127 35.9 29.8 44.6
164 32.8 26.6 40.0



#48
2-Nitroaniline
Concen: 38.691 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion: 65 Resp: 42604
Ion Ratio Lower Upper
65 100
92 68.1 52.1 78.1
138 97.6 75.3 112.9





#49

Acenaphthylene

Concen: 39.774 ng

RT: 14.711 min Scan# 1902

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

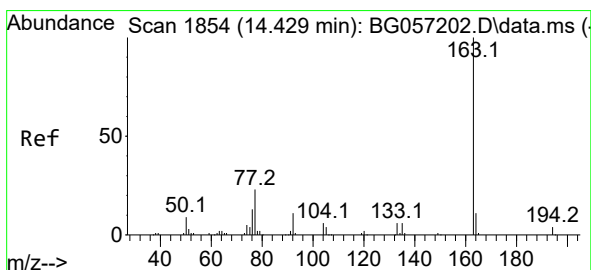
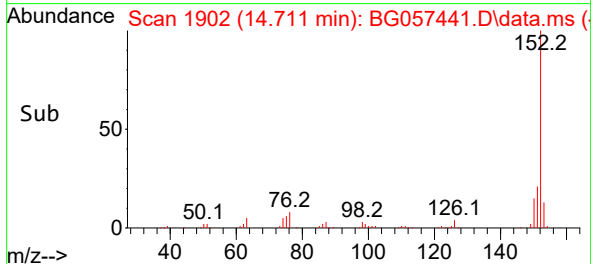
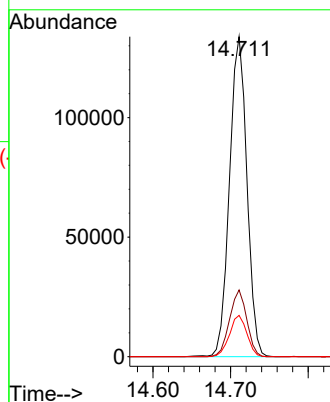
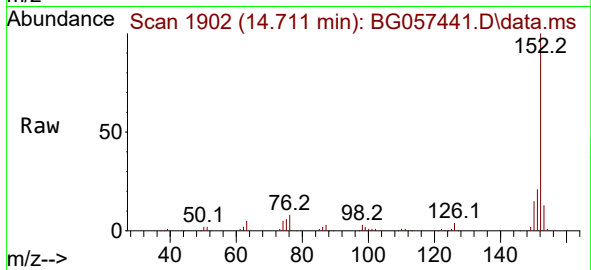
Tgt Ion:152 Resp: 209262

Ion Ratio Lower Upper

152 100

151 20.9 16.0 24.0

153 12.9 10.7 16.1



#50

Dimethylphthalate

Concen: 37.813 ng

RT: 14.417 min Scan# 1852

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

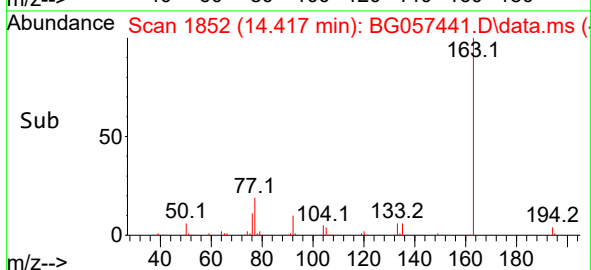
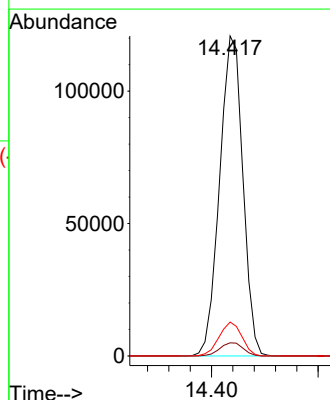
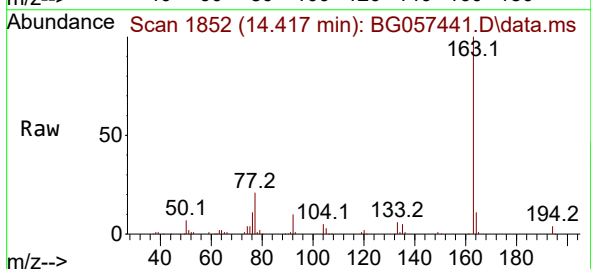
Tgt Ion:163 Resp: 182368

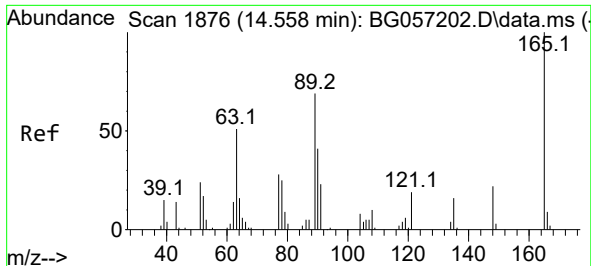
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.6 8.8 13.2

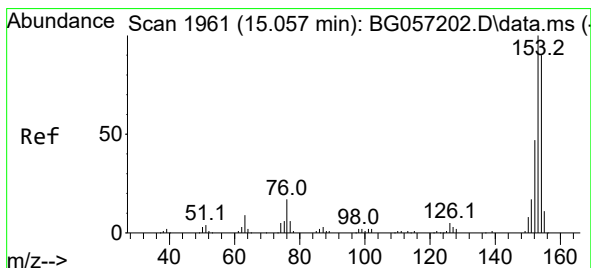
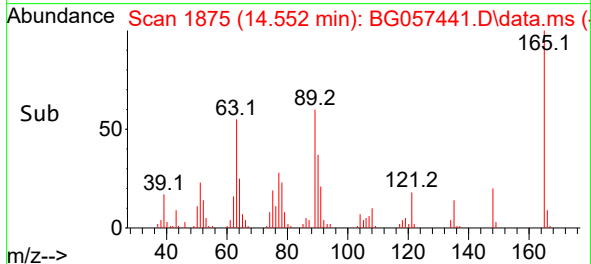
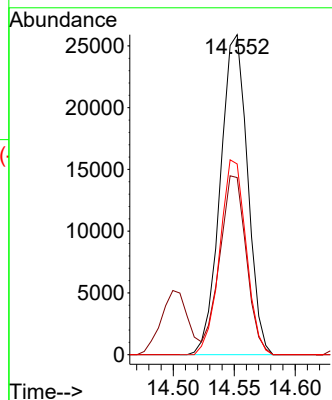
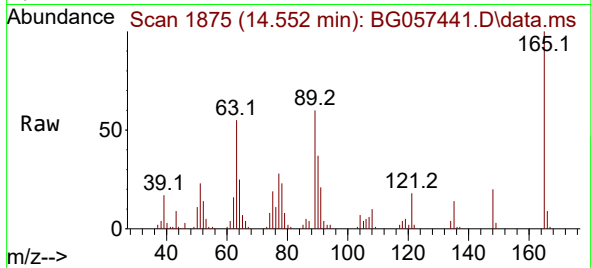




#51
2,6-Dinitrotoluene
Concen: 40.914 ng
RT: 14.552 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

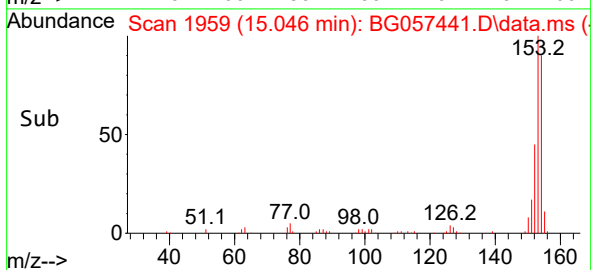
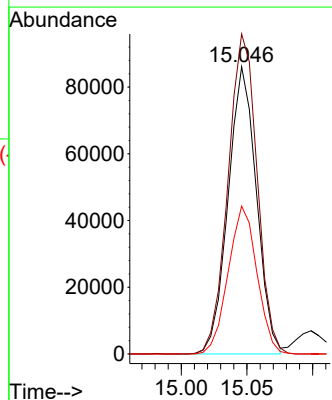
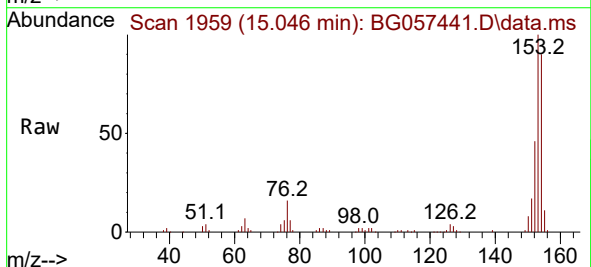
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

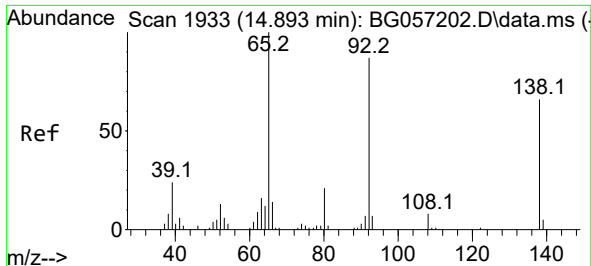
Tgt Ion:165 Resp: 40288
Ion Ratio Lower Upper
165 100
63 55.4 50.9 76.3
89 59.6 55.2 82.8



#52
Acenaphthene
Concen: 39.242 ng
RT: 15.046 min Scan# 1959
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:154 Resp: 129015
Ion Ratio Lower Upper
154 100
153 111.4 89.3 133.9
152 51.4 41.7 62.5

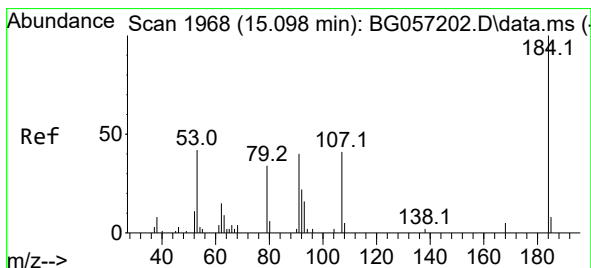
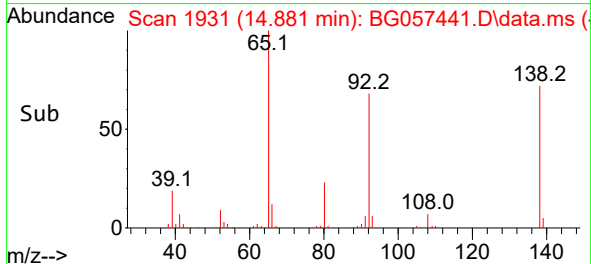
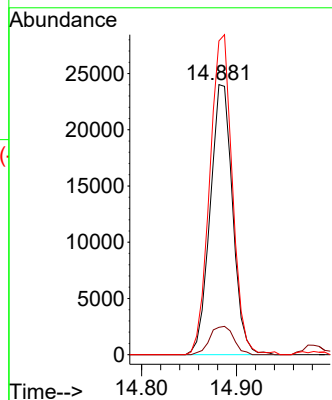
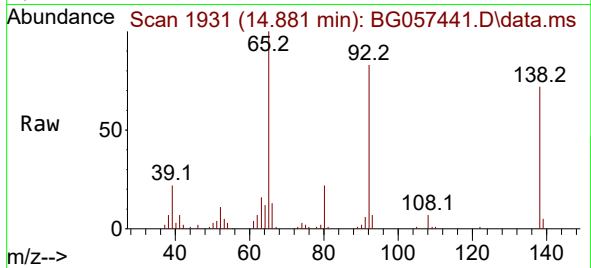




#53
3-Nitroaniline
Concen: 39.986 ng
RT: 14.881 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

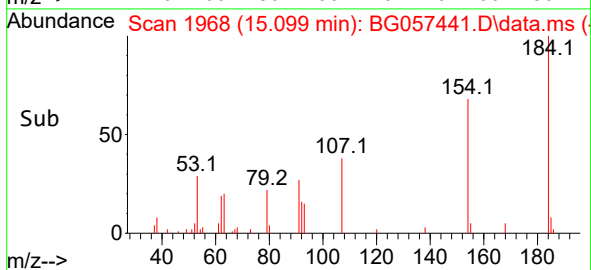
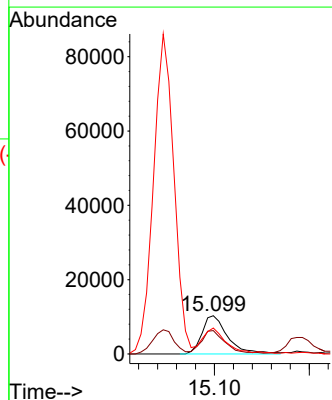
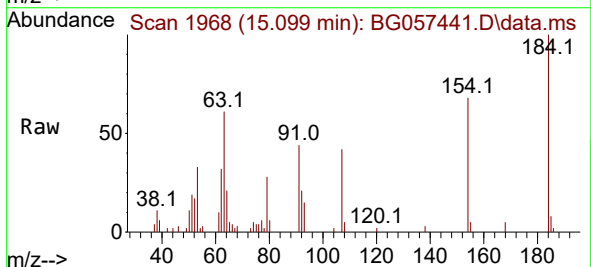
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

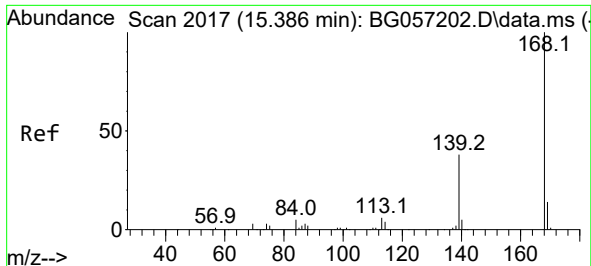
Tgt Ion:138 Resp: 39446
Ion Ratio Lower Upper
138 100
108 10.1 9.5 14.3
92 116.2 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 34.794 ng
RT: 15.099 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:184 Resp: 19413
Ion Ratio Lower Upper
184 100
63 61.2 48.2 72.4
154 67.9 55.4 83.2

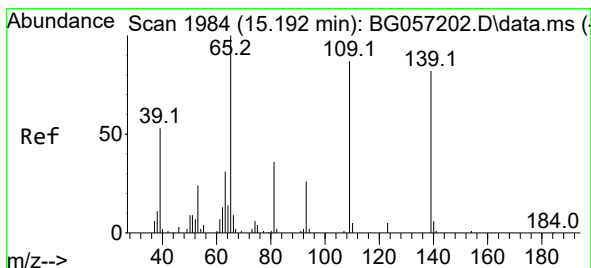
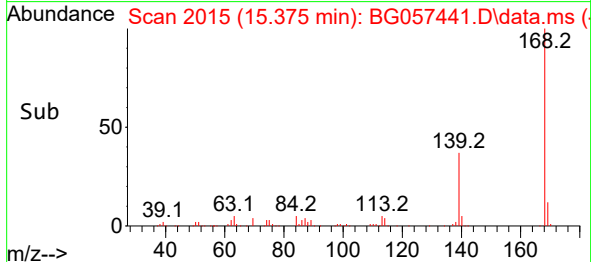
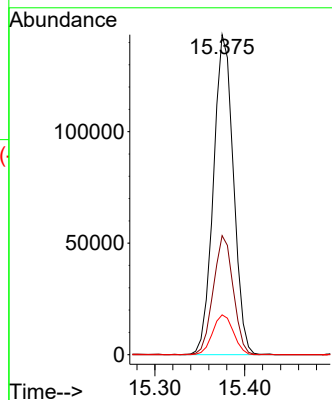
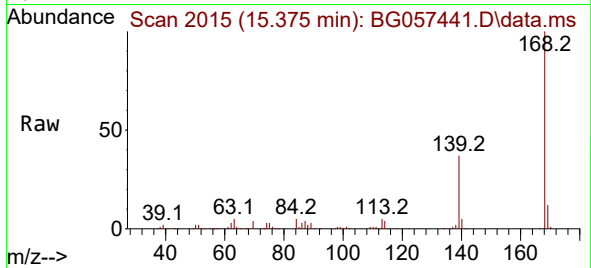




#55
Dibenzenofuran
Concen: 40.160 ng
RT: 15.375 min Scan# 20
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

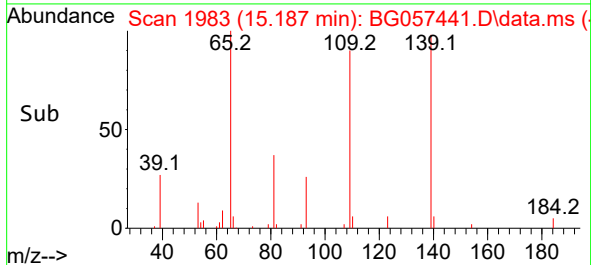
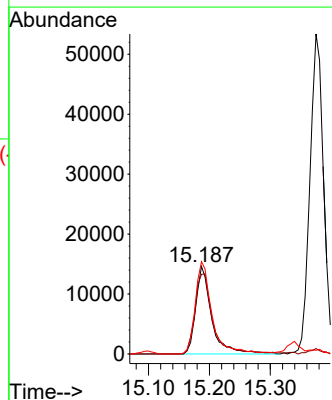
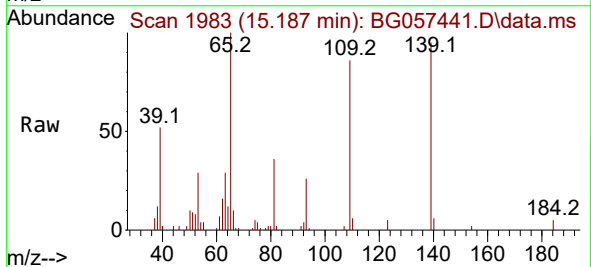
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

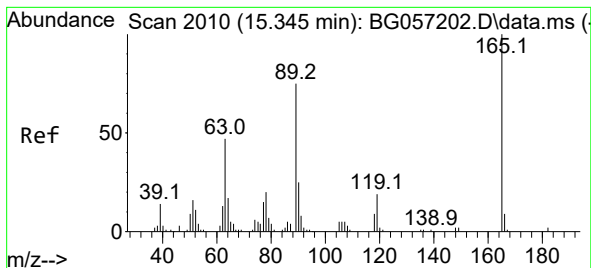
Tgt Ion:168 Resp: 221843
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 12.4 10.9 16.3



#56
4-Nitrophenol
Concen: 40.353 ng
RT: 15.187 min Scan# 1983
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:139 Resp: 26476
Ion Ratio Lower Upper
139 100
109 91.1 86.6 126.6
65 105.5 102.6 142.6

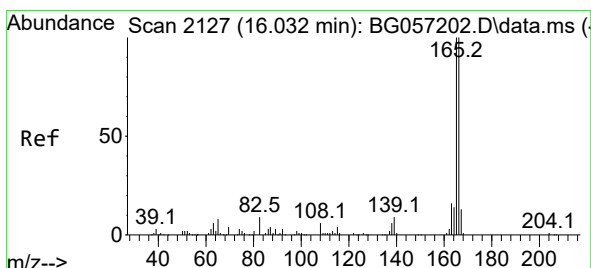
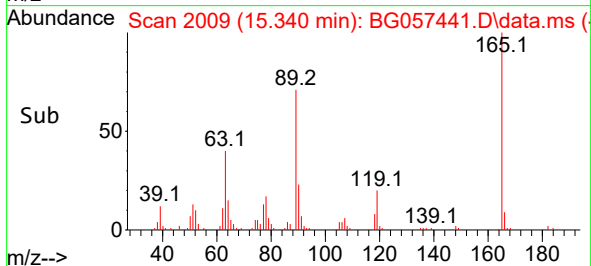
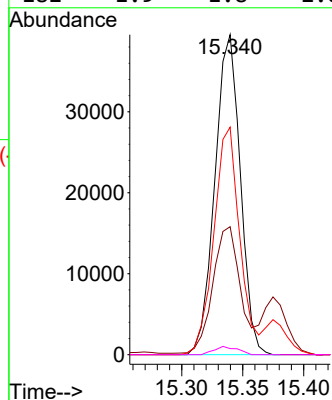
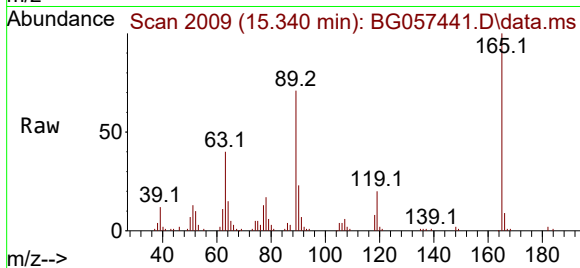




#57
2,4-Dinitrotoluene
Concen: 40.776 ng
RT: 15.340 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

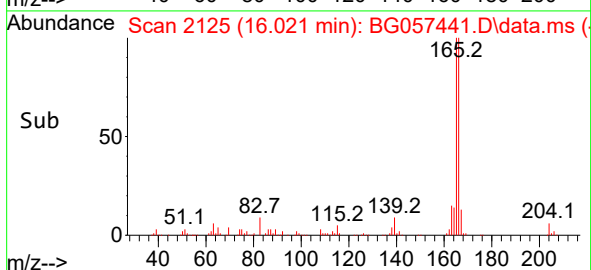
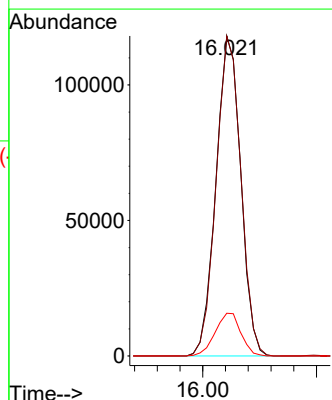
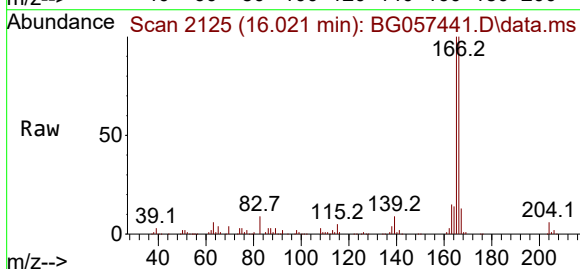
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

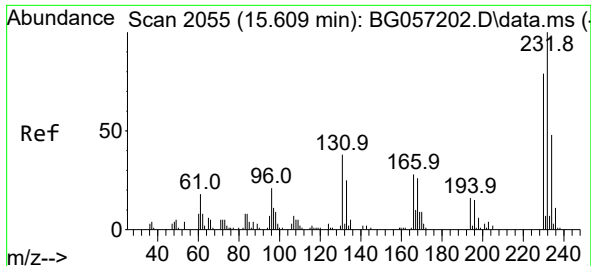
Tgt Ion:165 Resp: 57384
Ion Ratio Lower Upper
165 100
63 40.0 37.5 56.3
89 71.1 60.2 90.4
182 1.9 1.8 2.8



#58
Fluorene
Concen: 39.269 ng
RT: 16.021 min Scan# 2125
Delta R.T. -0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:166 Resp: 178678
Ion Ratio Lower Upper
166 100
165 100.0 80.1 120.1
167 13.4 10.2 15.2

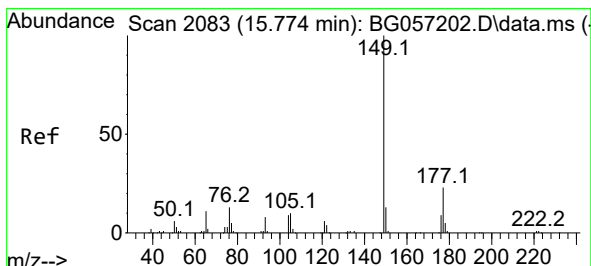
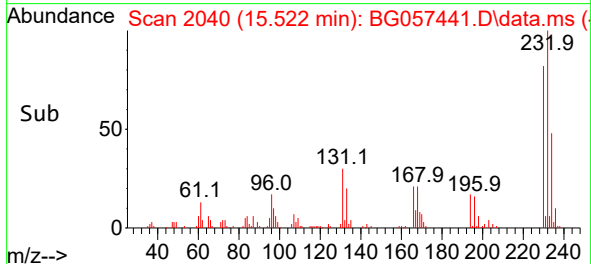
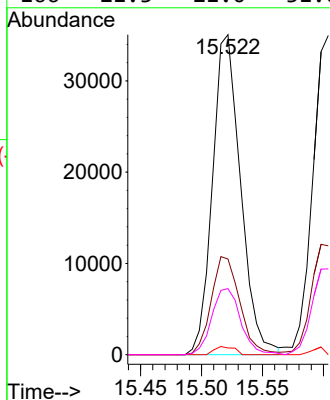
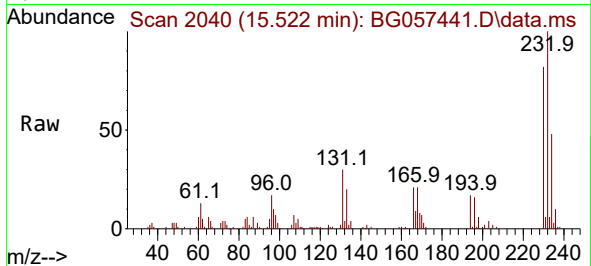




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.549 ng
RT: 15.522 min Scan# 2055
Delta R.T. -0.079 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

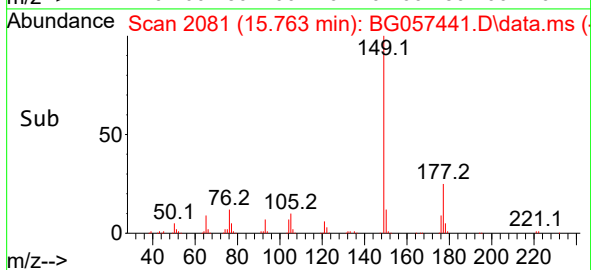
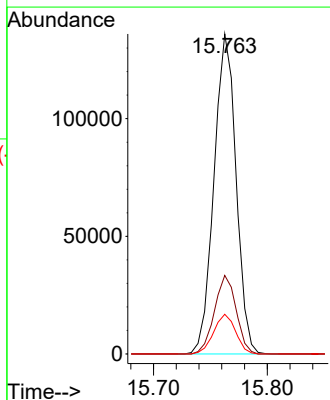
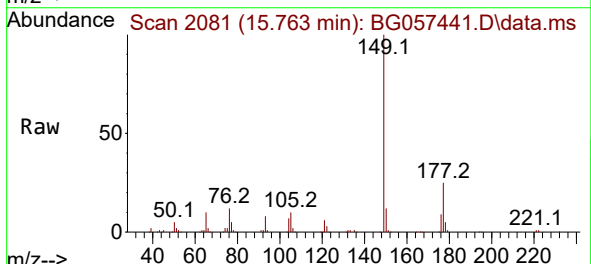
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

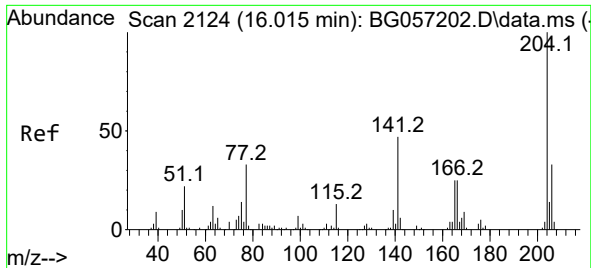
Tgt Ion:232 Resp: 56246
Ion Ratio Lower Upper
232 100
131 31.2 28.6 42.8
130 1.8 1.6 2.4
166 21.3 21.0 31.6



#60
Diethylphthalate
Concen: 37.434 ng
RT: 15.763 min Scan# 2081
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:149 Resp: 183346
Ion Ratio Lower Upper
149 100
177 24.6 18.3 27.5
150 12.4 10.1 15.1

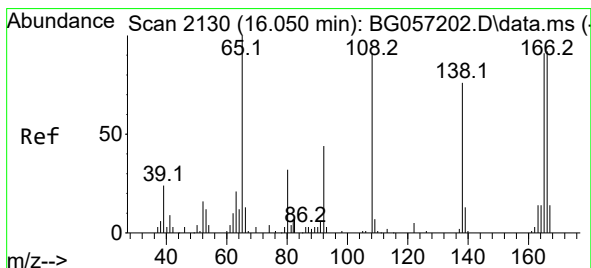
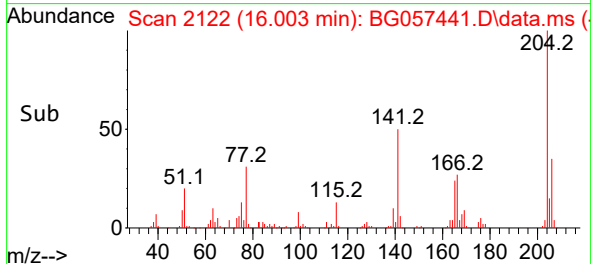
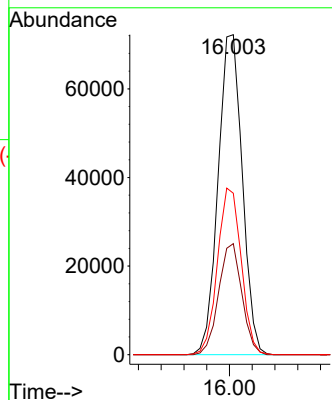
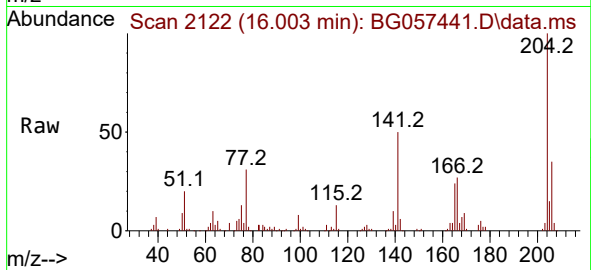




#61
4-Chlorophenyl-phenylether
Concen: 38.922 ng
RT: 16.003 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

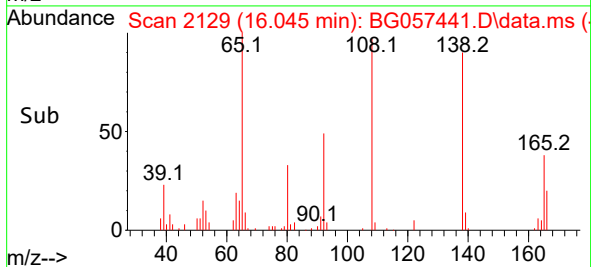
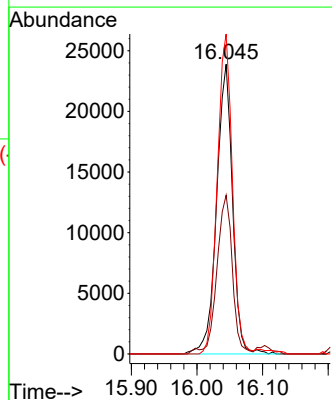
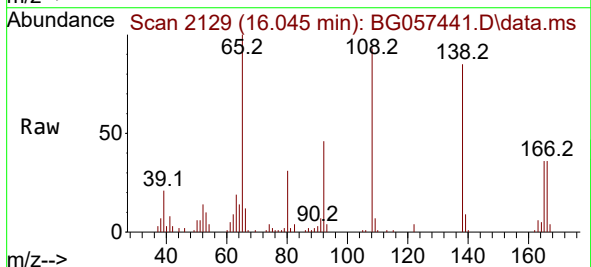
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

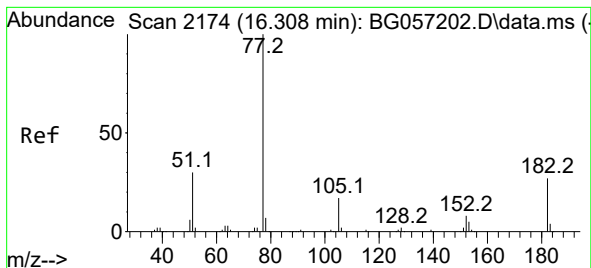
Tgt Ion:204 Resp: 106687
Ion Ratio Lower Upper
204 100
206 34.7 26.5 39.7
141 50.4 37.4 56.0



#62
4-Nitroaniline
Concen: 40.343 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:138 Resp: 40150
Ion Ratio Lower Upper
138 100
92 54.7 38.2 78.2
108 110.4 99.6 139.6





#63

Azobenzene

Concen: 35.821 ng

RT: 16.297 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 169279

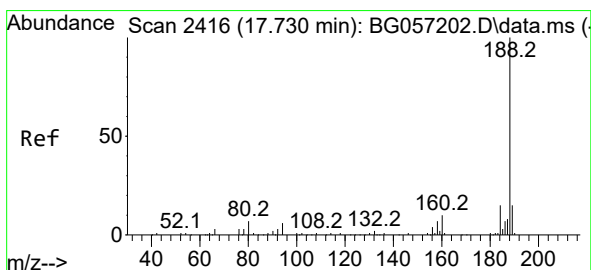
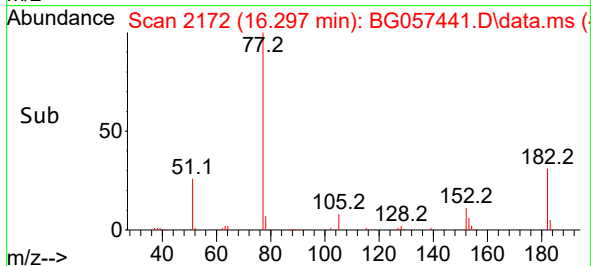
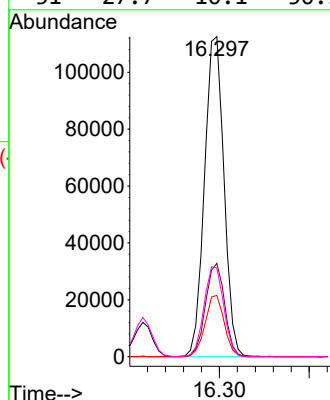
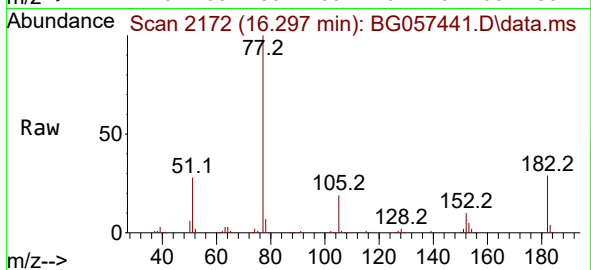
Ion Ratio Lower Upper

77 100

182 29.1 7.4 47.4

105 19.2 0.0 37.2

51 27.7 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.725 min Scan# 2415

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

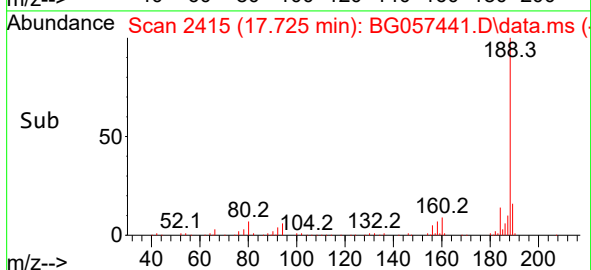
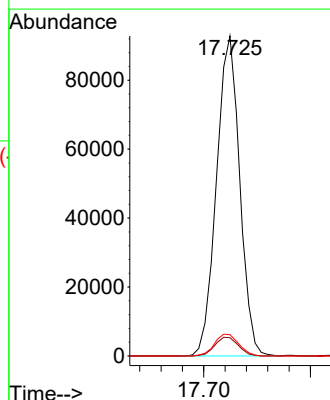
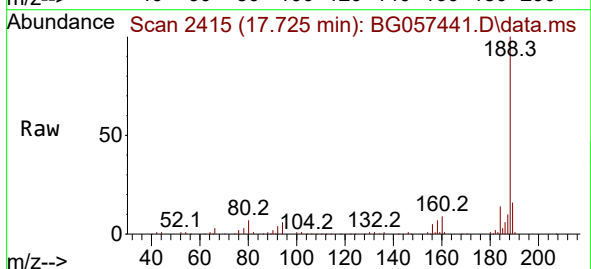
Tgt Ion:188 Resp: 140355

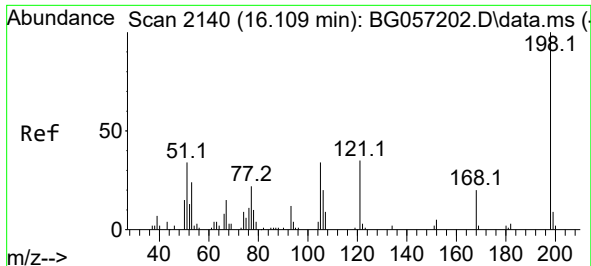
Ion Ratio Lower Upper

188 100

94 5.7 5.1 7.7

80 6.7 5.7 8.5





#65

4,6-Dinitro-2-methylphenol

Concen: 43.709 ng

RT: 16.103 min Scan# 2118

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

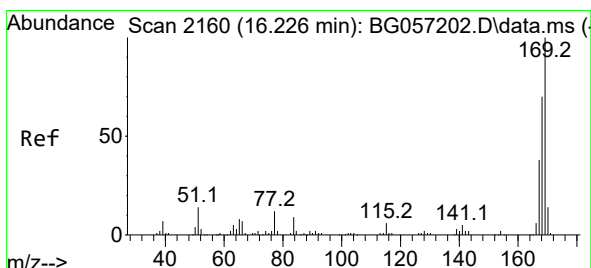
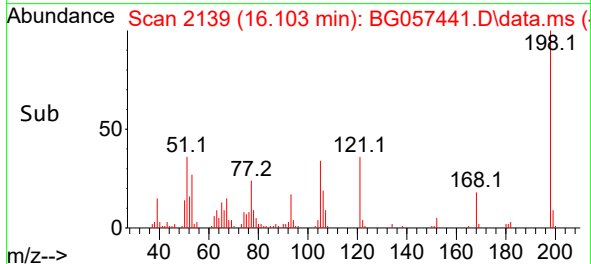
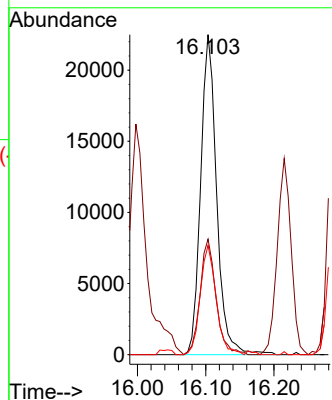
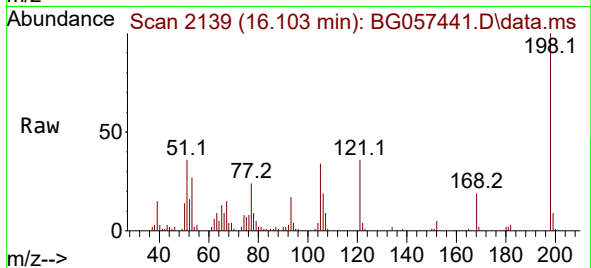
Tgt Ion:198 Resp: 36627

Ion Ratio Lower Upper

198 100

51 36.1 16.1 56.1

105 34.2 14.0 54.0



#66

n-Nitrosodiphenylamine

Concen: 40.841 ng

RT: 16.215 min Scan# 2158

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

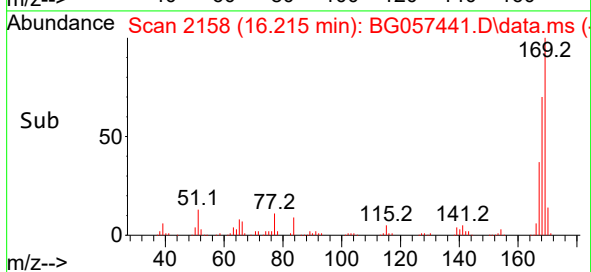
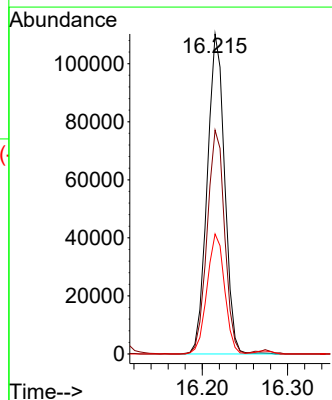
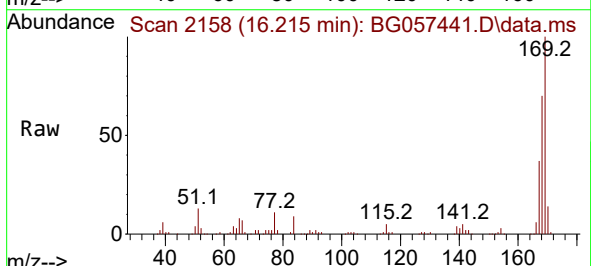
Tgt Ion:169 Resp: 155689

Ion Ratio Lower Upper

169 100

168 69.9 56.2 84.4

167 37.5 30.2 45.4

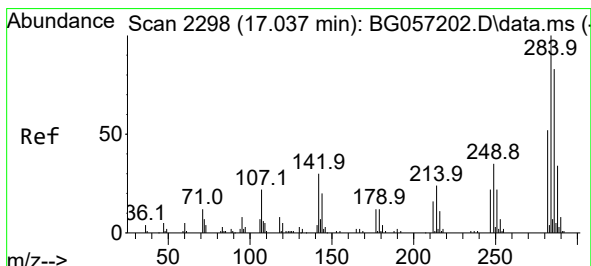
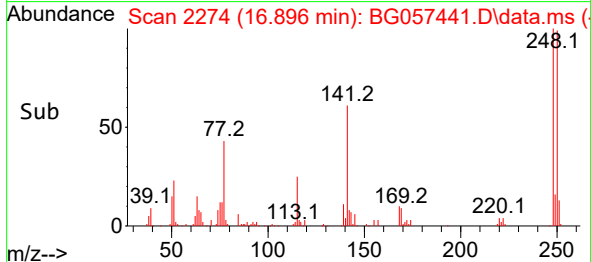
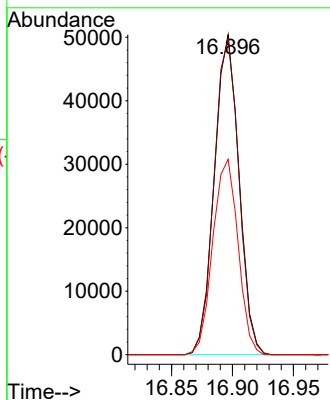
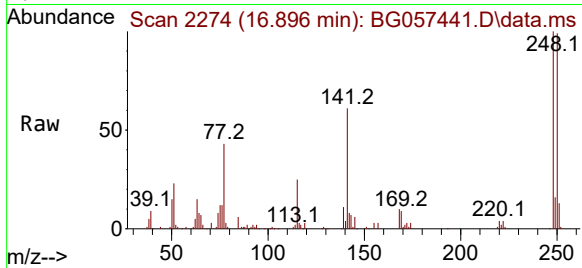




#67
4-Bromophenyl-phenylether
Concen: 41.426 ng
RT: 16.896 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

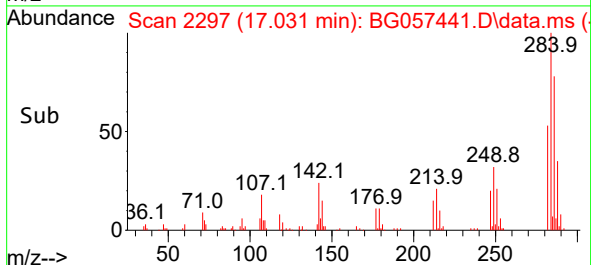
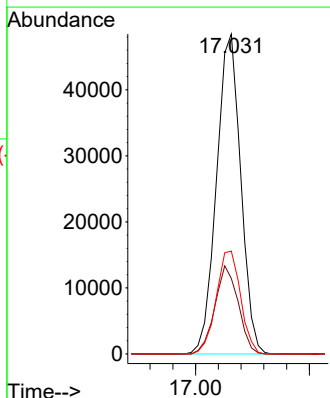
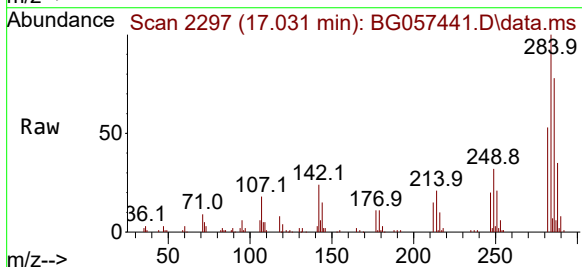
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

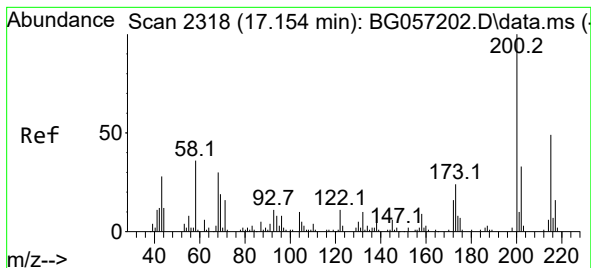
Tgt Ion:248 Resp: 70979
Ion Ratio Lower Upper
248 100
250 98.7 77.0 115.6
141 61.1 48.6 72.8



#68
Hexachlorobenzene
Concen: 43.017 ng
RT: 17.031 min Scan# 2297
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:284 Resp: 71625
Ion Ratio Lower Upper
284 100
142 23.6 23.9 35.9#
249 32.2 27.7 41.5





#69

Atrazine

Concen: 41.105 ng

RT: 17.149 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

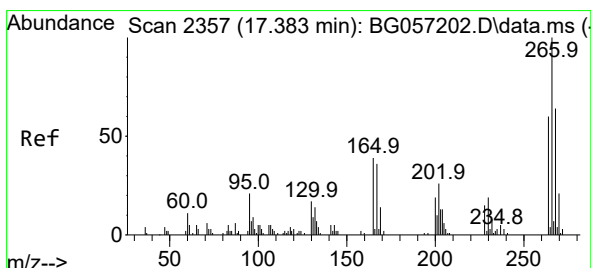
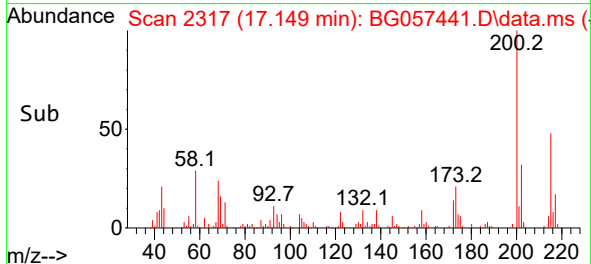
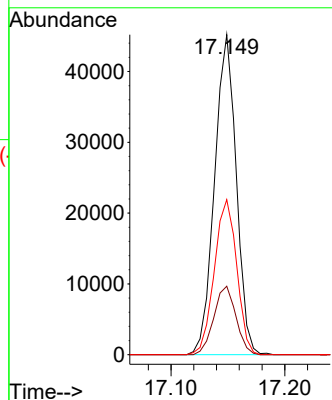
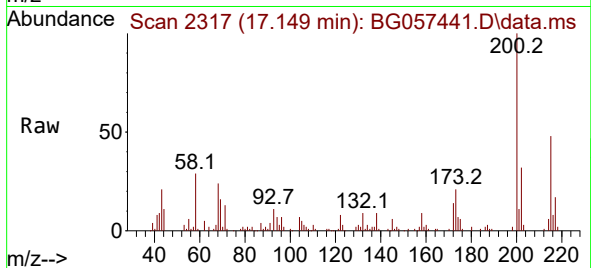
Tgt Ion:200 Resp: 59774

Ion Ratio Lower Upper

200 100

173 21.4 4.3 44.3

215 48.5 29.3 69.3



#70

Pentachlorophenol

Concen: 36.425 ng

RT: 17.372 min Scan# 2355

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

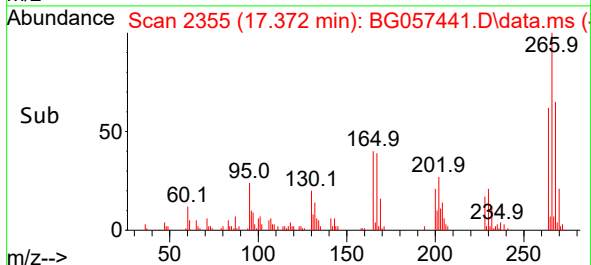
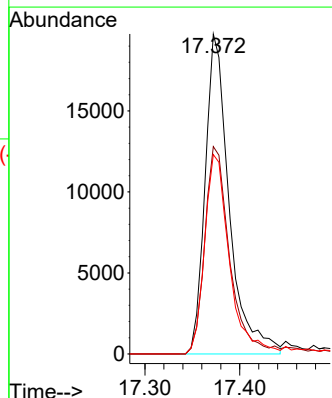
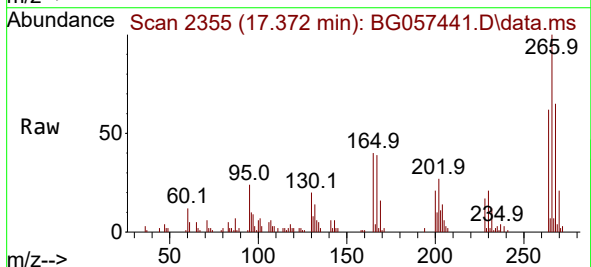
Tgt Ion:266 Resp: 34953

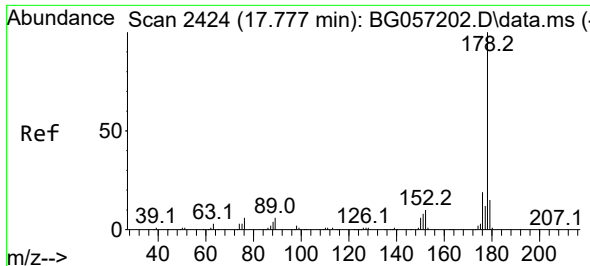
Ion Ratio Lower Upper

266 100

268 64.8 51.0 76.6

264 62.3 47.8 71.6

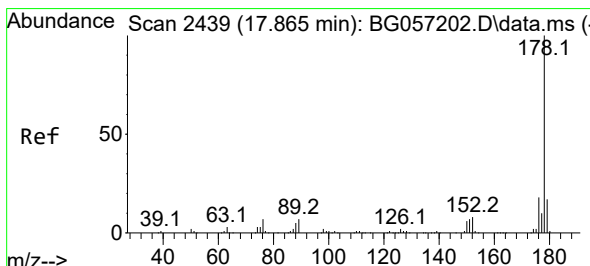
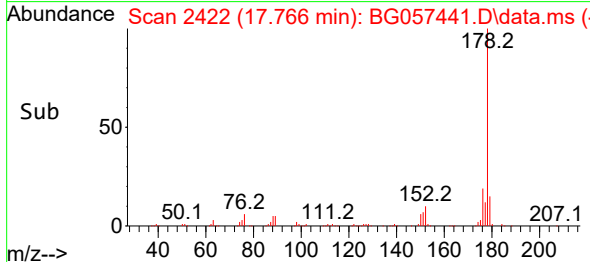
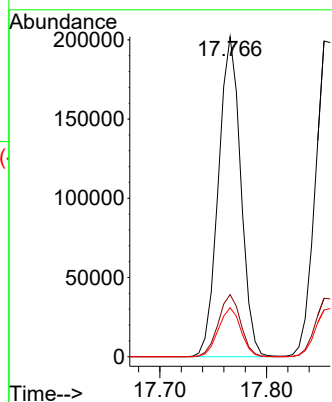
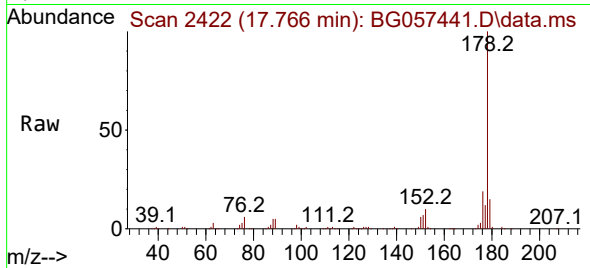




#71
Phenanthrene
Concen: 40.820 ng
RT: 17.766 min Scan# 2422
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

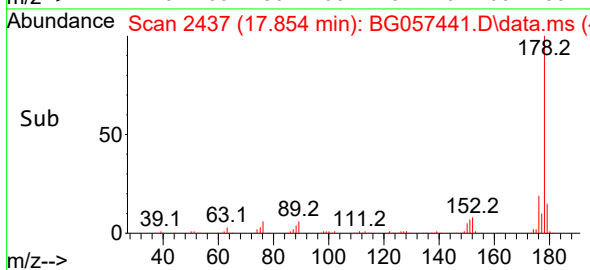
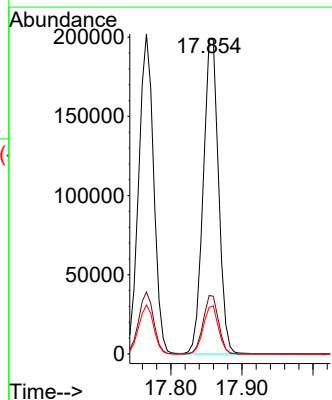
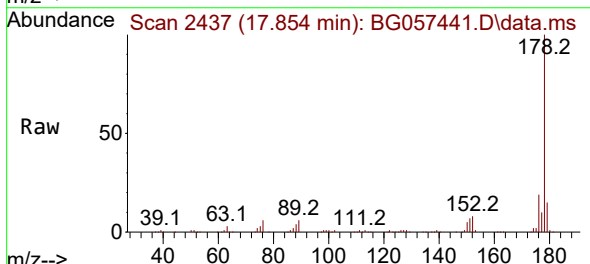
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

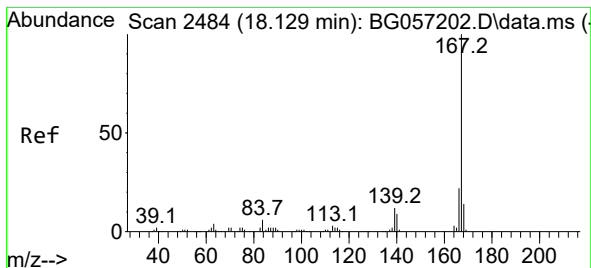
Tgt Ion:178 Resp: 293579
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.3 12.3 18.5



#72
Anthracene
Concen: 40.589 ng
RT: 17.854 min Scan# 2437
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:178 Resp: 299535
Ion Ratio Lower Upper
178 100
176 18.5 14.7 22.1
179 14.8 13.2 19.8





#73

Carbazole

Concen: 40.282 ng

RT: 18.124 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

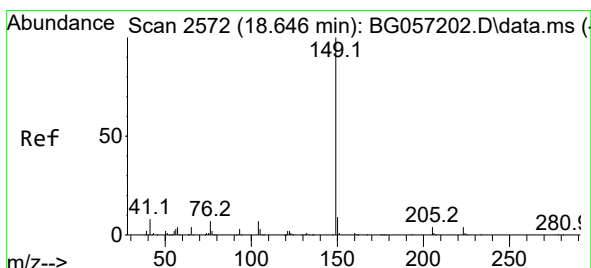
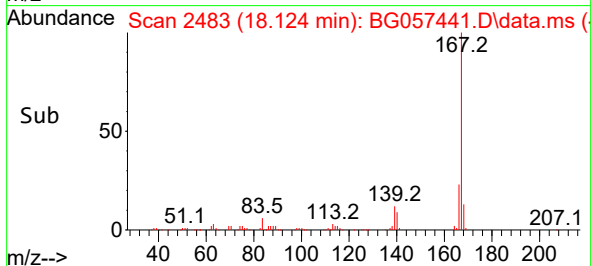
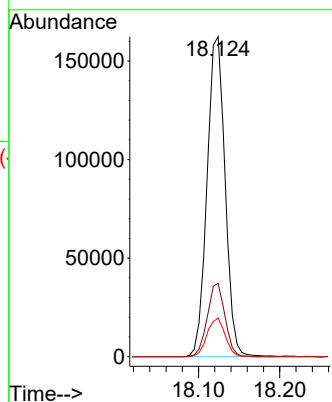
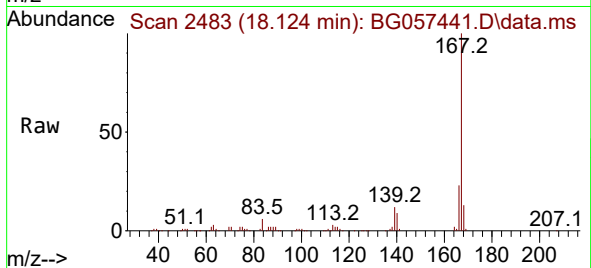
Tgt Ion:167 Resp: 250260

Ion Ratio Lower Upper

167 100

166 22.9 17.4 26.0

139 12.1 9.6 14.4



#74

Di-n-butylphthalate

Concen: 40.726 ng

RT: 18.641 min Scan# 2571

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

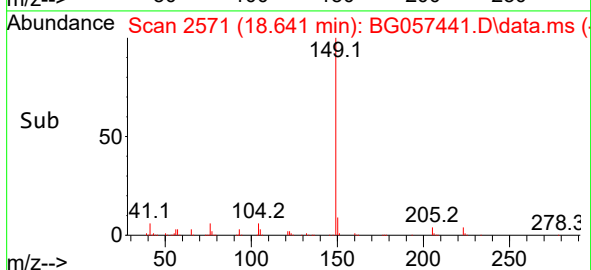
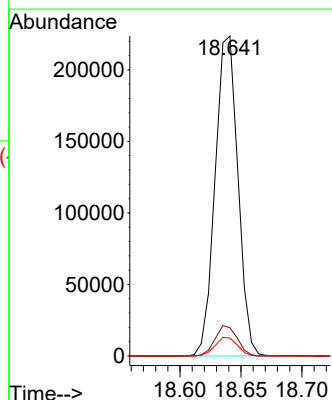
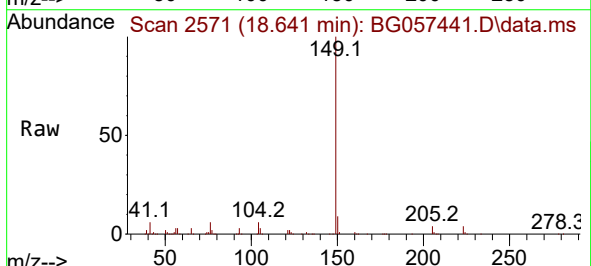
Tgt Ion:149 Resp: 291110

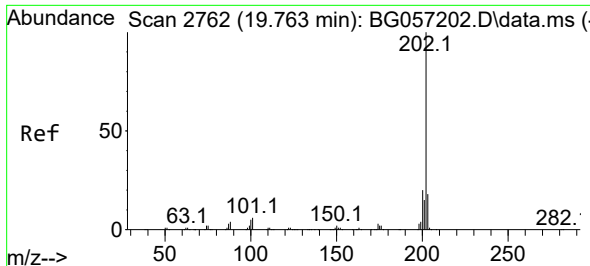
Ion Ratio Lower Upper

149 100

150 8.8 7.3 10.9

104 5.6 5.4 8.2

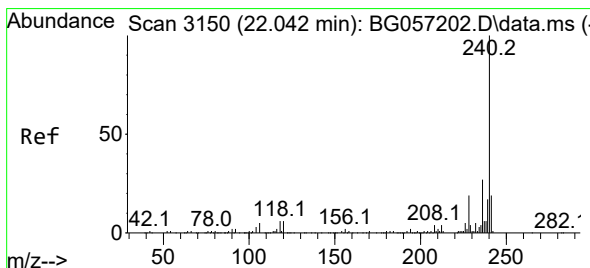
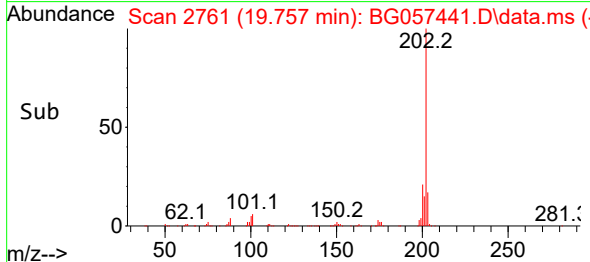
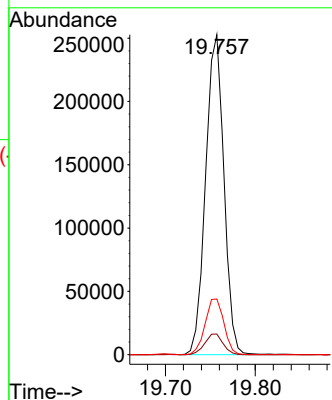
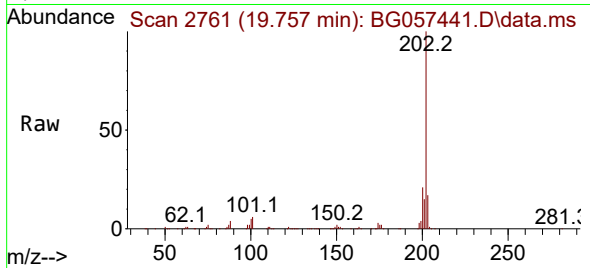




#75
Fluoranthene
Concen: 39.976 ng
RT: 19.757 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

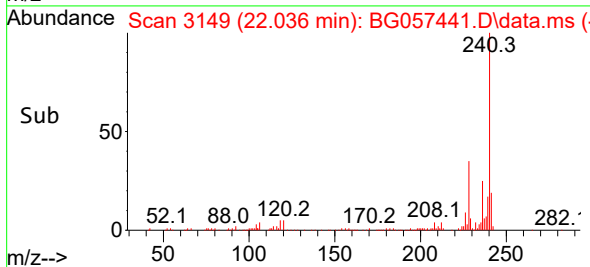
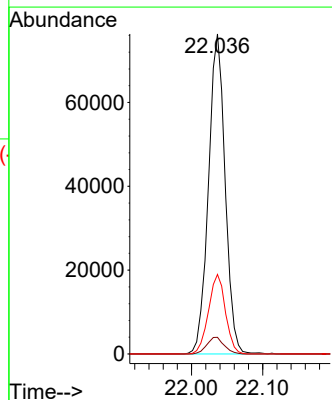
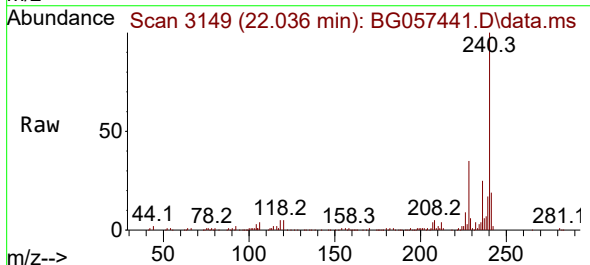
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

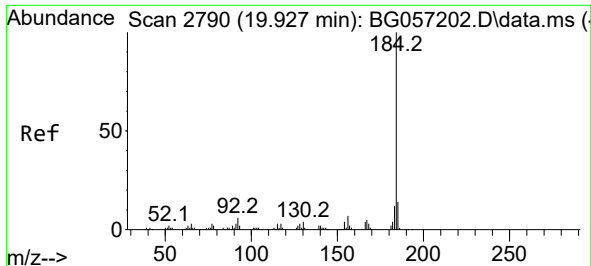
Tgt Ion:202 Resp: 357590
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 17.4 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.036 min Scan# 3149
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:240 Resp: 124610
Ion Ratio Lower Upper
240 100
120 5.2 4.9 7.3
236 24.8 21.4 32.2

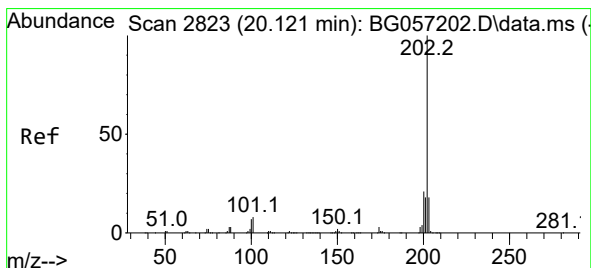
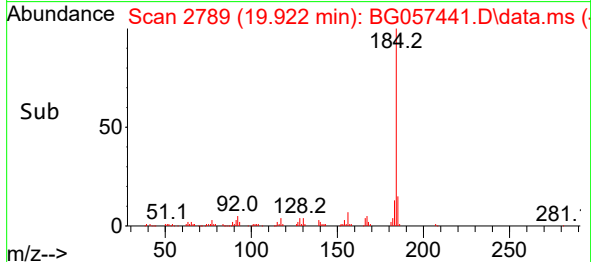
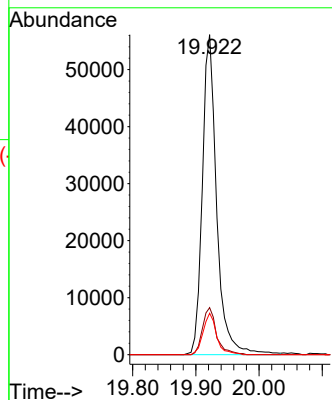
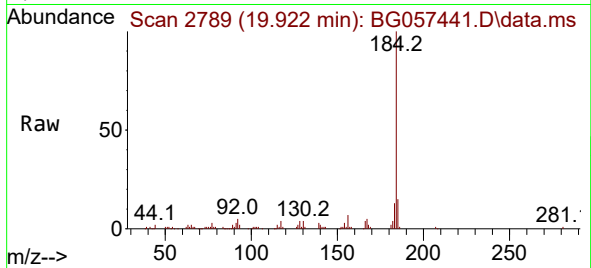




#77
Benzidine
Concen: 31.789 ng
RT: 19.922 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

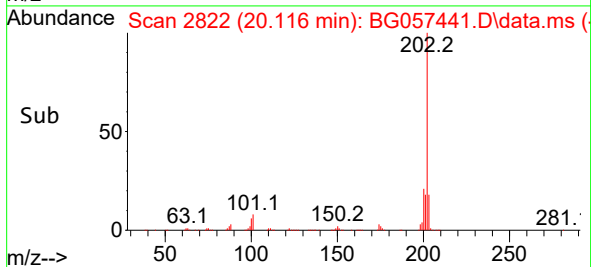
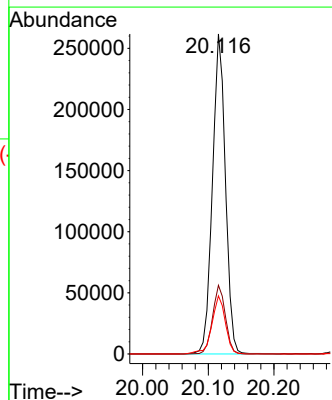
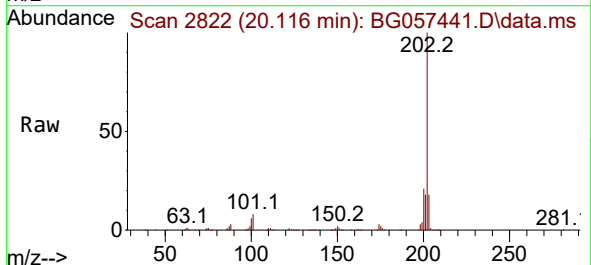
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

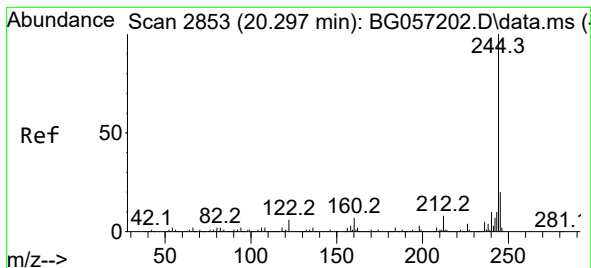
Tgt Ion:184 Resp: 88559
Ion Ratio Lower Upper
184 100
185 14.7 11.1 16.7
183 13.0 9.9 14.9



#78
Pyrene
Concen: 39.723 ng
RT: 20.116 min Scan# 2822
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:202 Resp: 359684
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.1 14.2 21.4





#79

Terphenyl-d14

Concen: 77.488 ng

RT: 20.292 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

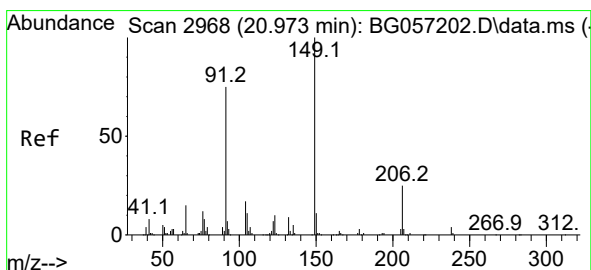
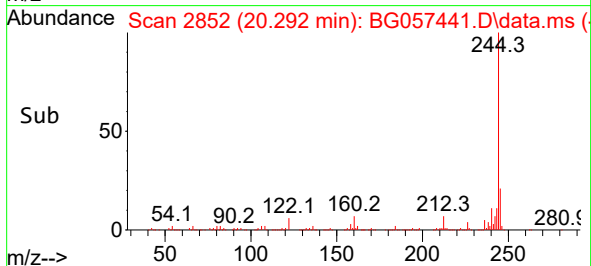
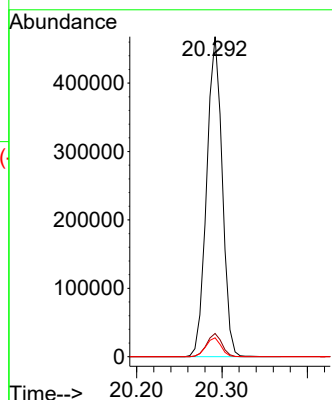
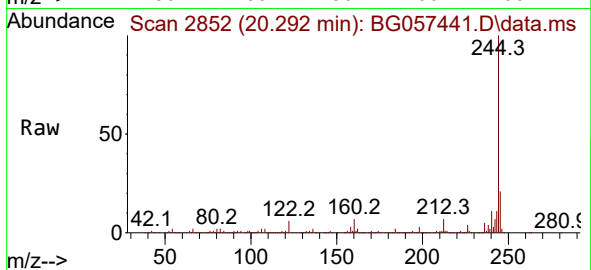
Tgt Ion:244 Resp: 591682

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 5.9 5.1 7.7



#80

Butylbenzylphthalate

Concen: 43.628 ng

RT: 20.967 min Scan# 2967

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

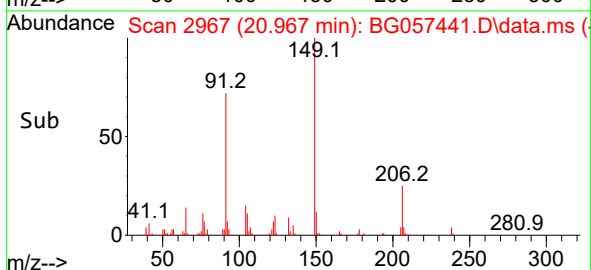
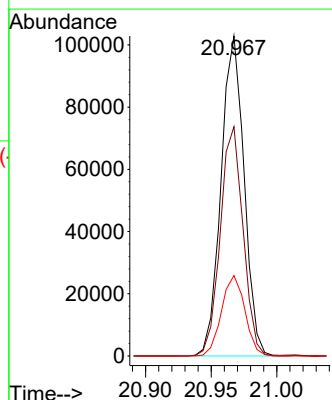
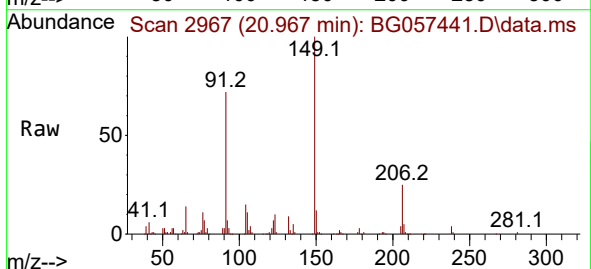
Tgt Ion:149 Resp: 125346

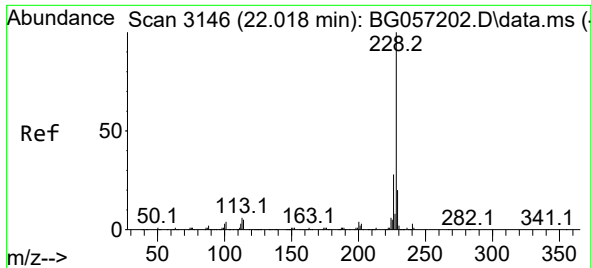
Ion Ratio Lower Upper

149 100

91 71.7 59.7 89.5

206 25.2 19.7 29.5

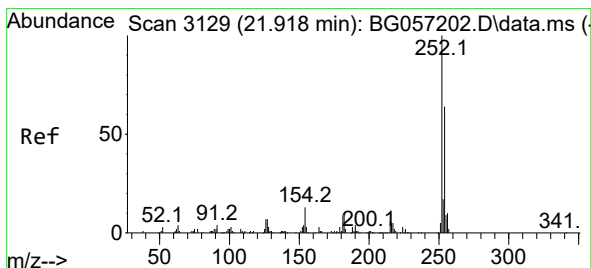
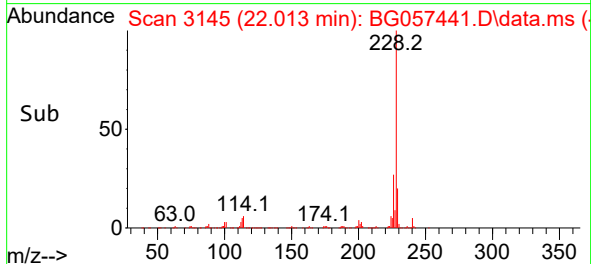
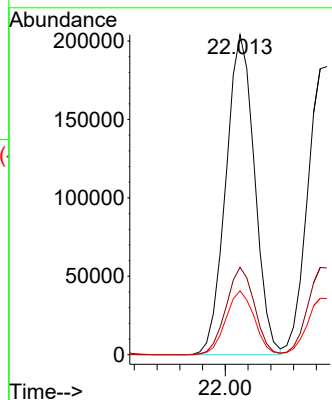
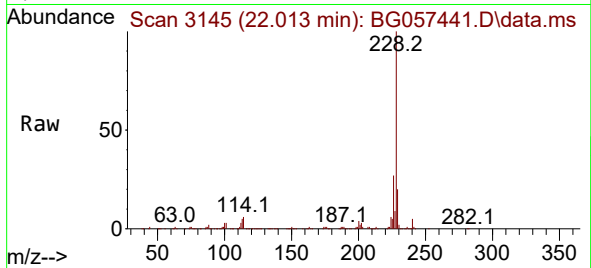




#81
Benzo(a)anthracene
Concen: 40.287 ng
RT: 22.013 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

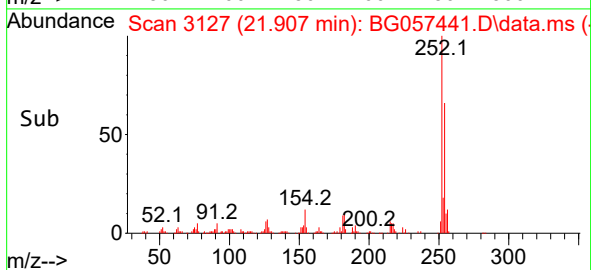
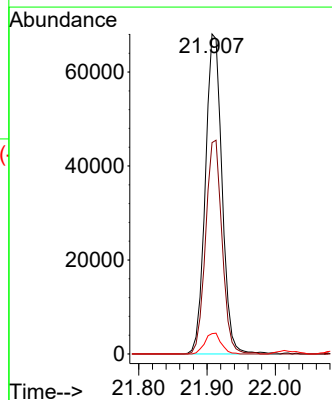
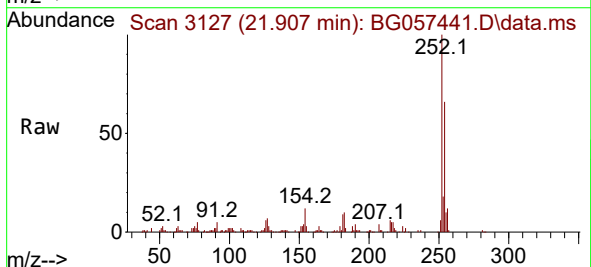
Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

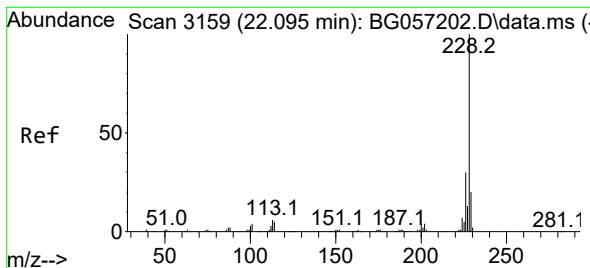
Tgt Ion:228 Resp: 357668
Ion Ratio Lower Upper
228 100
226 27.3 22.0 33.0
229 20.0 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 40.682 ng
RT: 21.907 min Scan# 3127
Delta R.T. 0.003 min
Lab File: BG057441.D
Acq: 16 May 2023 13:03

Tgt Ion:252 Resp: 115687
Ion Ratio Lower Upper
252 100
254 66.1 51.4 77.0
126 6.3 5.9 8.9





#83

Chrysene

Concen: 40.123 ng

RT: 22.089 min Scan# 3159

Delta R.T. 0.009 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

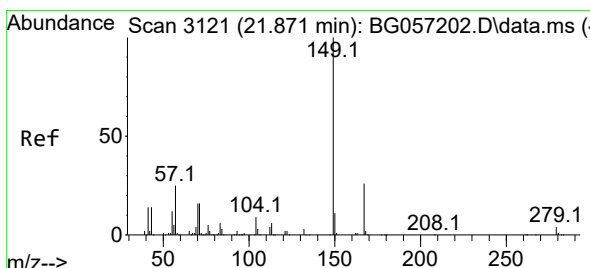
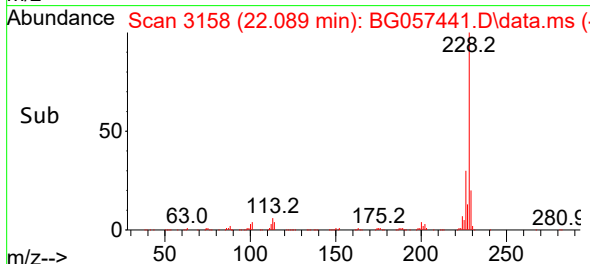
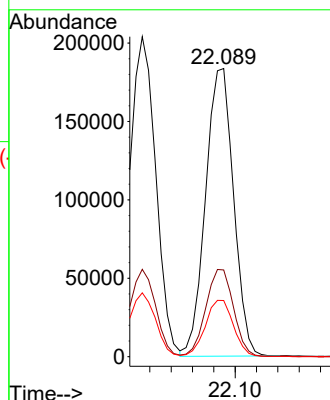
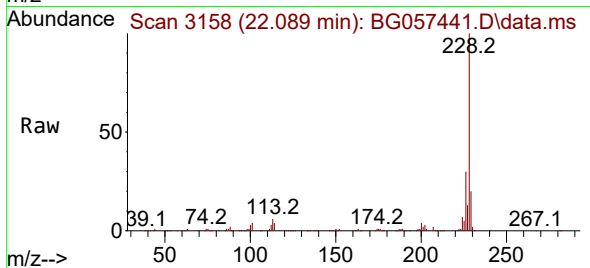
Tgt Ion:228 Resp: 335159

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 19.5 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.262 ng

RT: 21.854 min Scan# 3118

Delta R.T. -0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

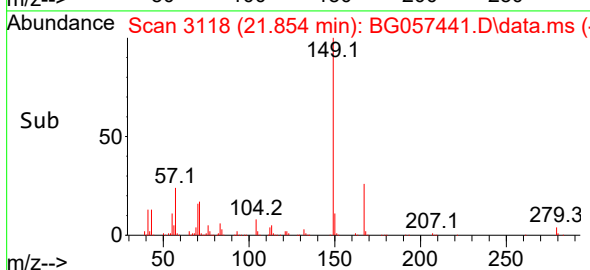
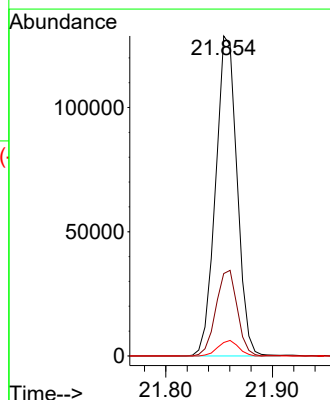
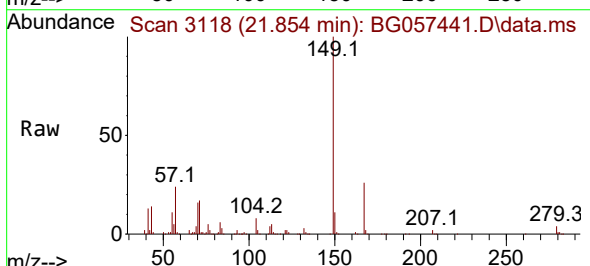
Tgt Ion:149 Resp: 179648

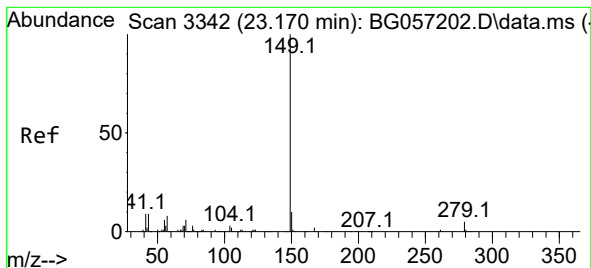
Ion Ratio Lower Upper

149 100

167 25.8 21.2 31.8

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 42.527 ng

RT: 23.153 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

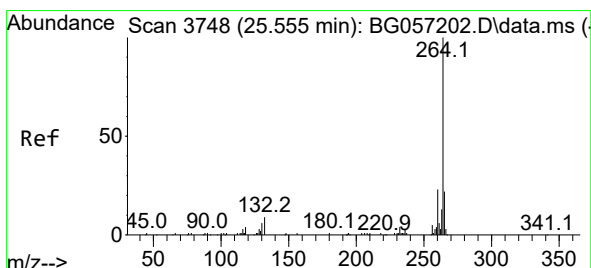
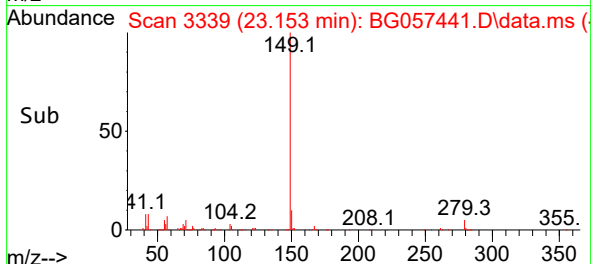
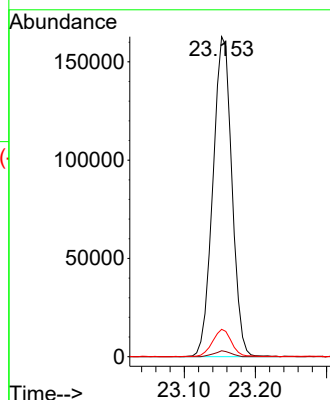
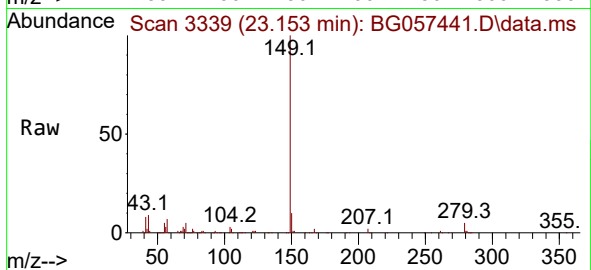
Tgt Ion:149 Resp: 301379

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.7 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.543 min Scan# 3746

Delta R.T. 0.009 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

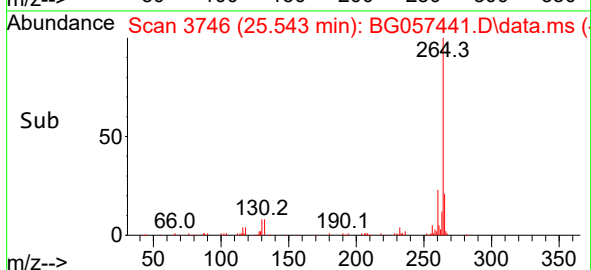
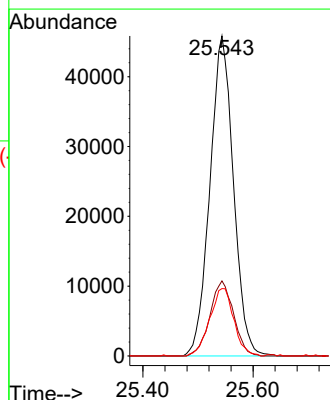
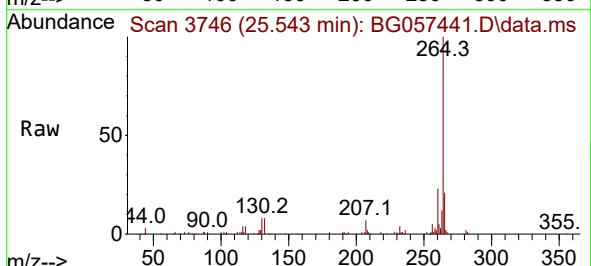
Tgt Ion:264 Resp: 136117

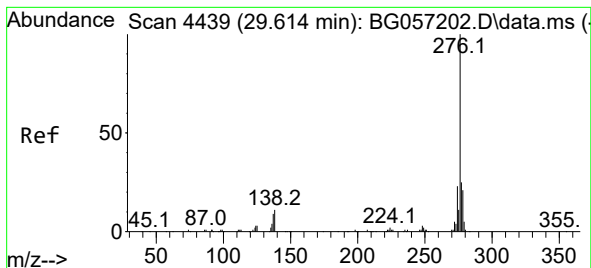
Ion Ratio Lower Upper

264 100

260 23.5 18.8 28.2

265 21.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.676 ng

RT: 29.609 min Scan# 4438

Delta R.T. 0.009 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

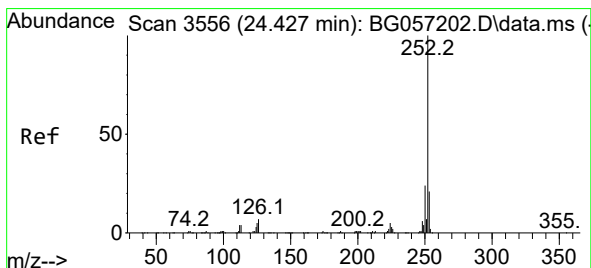
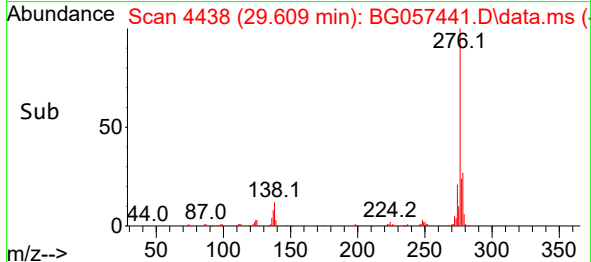
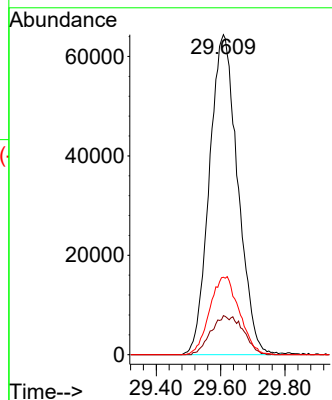
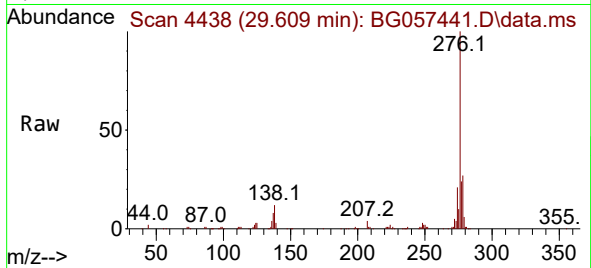
Tgt Ion:276 Resp: 393599

Ion Ratio Lower Upper

276 100

138 7.8 5.4 8.0

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 39.197 ng

RT: 24.421 min Scan# 3555

Delta R.T. 0.009 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

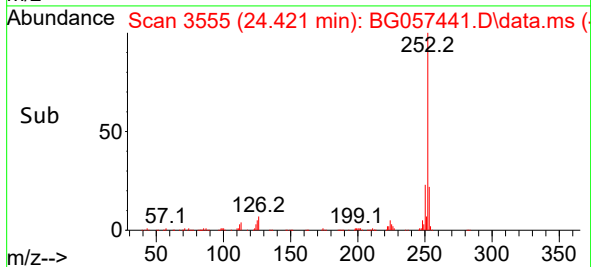
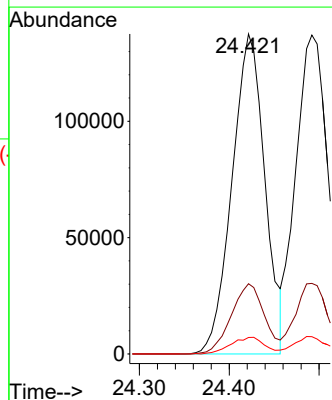
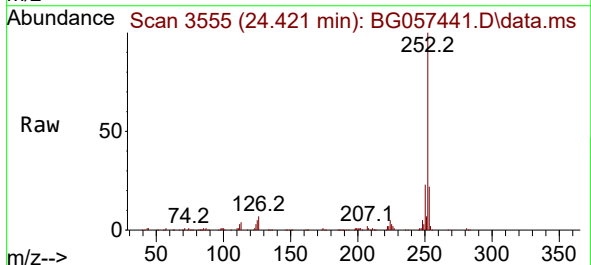
Tgt Ion:252 Resp: 348770

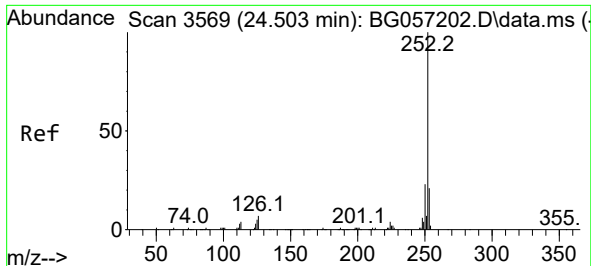
Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 5.1 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 38.047 ng

RT: 24.492 min Scan# 3

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

Instrument :

BNA_G

ClientSampleId :

SSTDCCC040EC

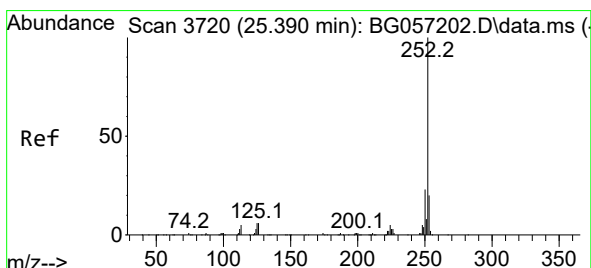
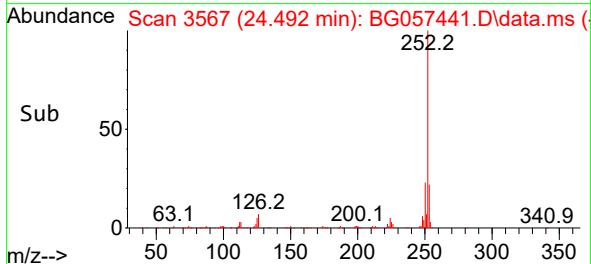
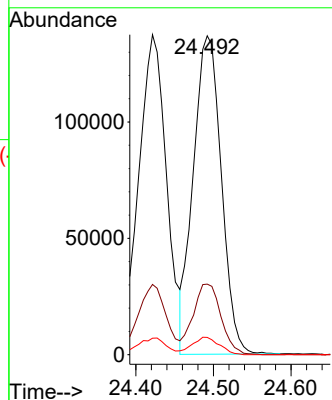
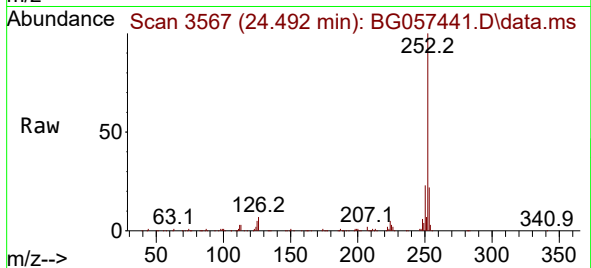
Tgt Ion:252 Resp: 344013

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 5.4 4.1 6.1



#90

Benzo(a)pyrene

Concen: 38.943 ng

RT: 25.379 min Scan# 3718

Delta R.T. 0.003 min

Lab File: BG057441.D

Acq: 16 May 2023 13:03

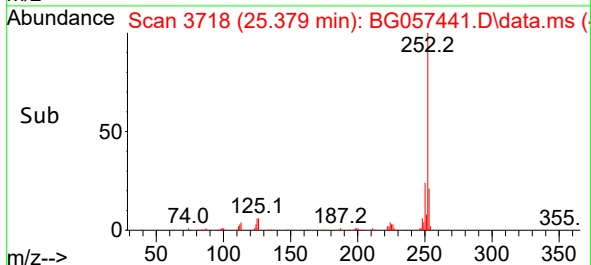
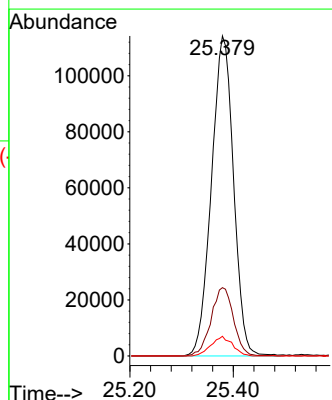
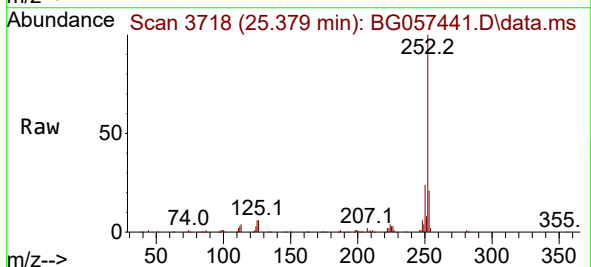
Tgt Ion:252 Resp: 338530

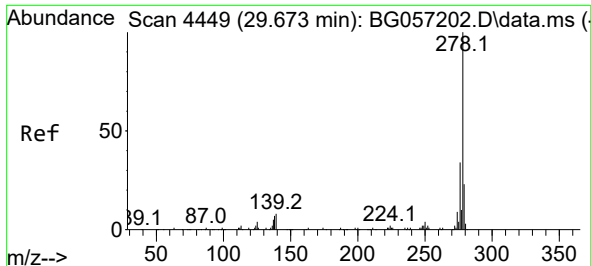
Ion Ratio Lower Upper

252 100

253 21.3 16.3 24.5

125 6.1 5.0 7.4

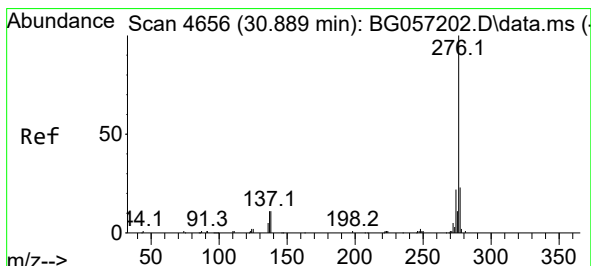
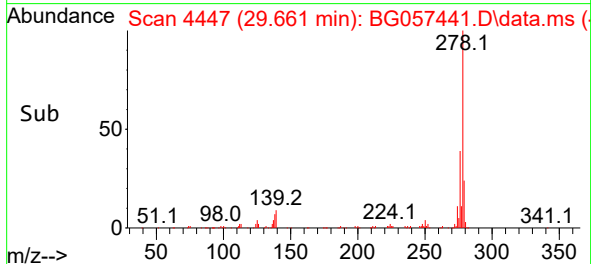
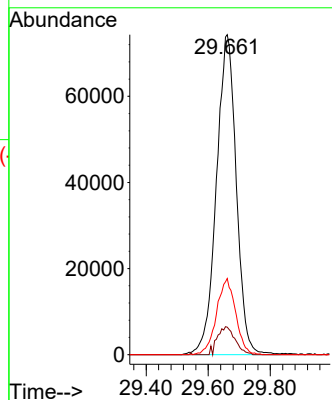
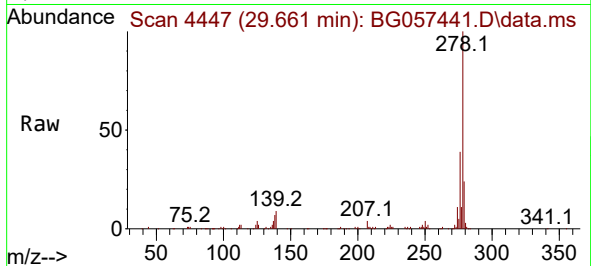




#91
 Dibenzo(a,h)anthracene
 Concen: 40.008 ng
 RT: 29.661 min Scan# 4447
 Delta R.T. 0.009 min
 Lab File: BG057441.D
 Acq: 16 May 2023 13:03

Instrument :
 BNA_G
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:278 Resp: 330535
 Ion Ratio Lower Upper
 278 100
 139 8.6 6.2 9.2
 279 23.8 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 40.090 ng
 RT: 30.877 min Scan# 4654
 Delta R.T. 0.003 min
 Lab File: BG057441.D
 Acq: 16 May 2023 13:03

Tgt Ion:276 Resp: 323401
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.4 27.6
 138 11.1 9.0 13.4

