

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051223\
 Data File : BG057427.D
 Acq On : 13 May 2023 4:43
 Operator : CG/JU
 Sample : PB152629BS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152629BS

Quant Time: May 13 05:25:37 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	15760	20.000	ng	0.00
21) Naphthalene-d8	11.205	136	66570	20.000	ng	# 0.00
39) Acenaphthene-d10	14.976	164	54155	20.000	ng	0.00
64) Phenanthrene-d10	17.719	188	136294	20.000	ng	0.00
76) Chrysene-d12	22.031	240	121976	20.000	ng	0.00
86) Perylene-d12	25.532	264	132525	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.882	112	144592	156.942	ng	0.00
7) Phenol-d6	7.510	99	219809	157.114	ng	0.00
23) Nitrobenzene-d5	9.542	82	134178	84.596	ng	0.00
42) 2,4,6-Tribromophenol	16.462	330	120759	157.156	ng	0.00
45) 2-Fluorobiphenyl	13.601	172	360290	89.602	ng	0.00
79) Terphenyl-d14	20.286	244	715958	95.788	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.674	88	13411	35.205	ng	98
3) Pyridine	4.097	79	38090	31.114	ng	95
4) n-Nitrosodimethylamine	4.008	42	23472	40.799	ng	92
6) Aniline	7.674	93	54989	30.983	ng	98
8) 2-Chlorophenol	7.927	128	52517	53.945	ng	96
9) Benzaldehyde	7.492	77	13579	13.714	ng	88
10) Phenol	7.533	94	73376	53.802	ng	95
11) bis(2-Chloroethyl)ether	7.762	93	46396	45.115	ng	99
12) 1,3-Dichlorobenzene	8.250	146	53047	49.371	ng	98
13) 1,4-Dichlorobenzene	8.397	146	53857	49.901	ng	97
14) 1,2-Dichlorobenzene	8.726	146	52591	50.476	ng	98
15) Benzyl Alcohol	8.596	79	56045	48.086	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.884	45	56477	43.571	ng	99
17) 2-Methylphenol	8.802	107	49172	50.017	ng	97
18) Hexachloroethane	9.460	117	19501	50.069	ng	91
19) n-Nitroso-di-n-propyla...	9.166	70	46289	43.391	ng	99
20) 3+4-Methylphenols	9.131	107	67920	50.455	ng	97
22) Acetophenone	9.195	105	84232	44.209	ng	# 95
24) Nitrobenzene	9.583	77	68302	42.665	ng	98
25) Isophorone	10.106	82	122973	39.983	ng	97
26) 2-Nitrophenol	10.300	139	30188	49.264	ng	97
27) 2,4-Dimethylphenol	10.347	122	56667	52.812	ng	98
28) bis(2-Chloroethoxy)met...	10.576	93	66487	43.151	ng	97
29) 2,4-Dichlorophenol	10.846	162	61994	54.474	ng	95
30) 1,2,4-Trichlorobenzene	11.058	180	62518	47.628	ng	98
31) Naphthalene	11.252	128	159332	44.770	ng	97
32) Benzoic acid	10.505	122	27908	45.389	ng	94
33) 4-Chloroaniline	11.357	127	32864	20.563	ng	98
34) Hexachlorobutadiene	11.522	225	43743	44.911	ng	96
35) Caprolactam	12.127	113	11609	29.863	ng	91
36) 4-Chloro-3-methylphenol	12.456	107	67673	52.326	ng	99
37) 2-Methylnaphthalene	12.832	142	125792	44.955	ng	93
38) 1-Methylnaphthalene	13.049	142	117278	44.467	ng	100
40) 1,2,4,5-Tetrachloroben...	13.190	216	88491	46.028	ng	100
41) Hexachlorocyclopentadiene	13.161	237	82896	88.940	ng	98
43) 2,4,6-Trichlorophenol	13.425	196	59213	50.554	ng	94

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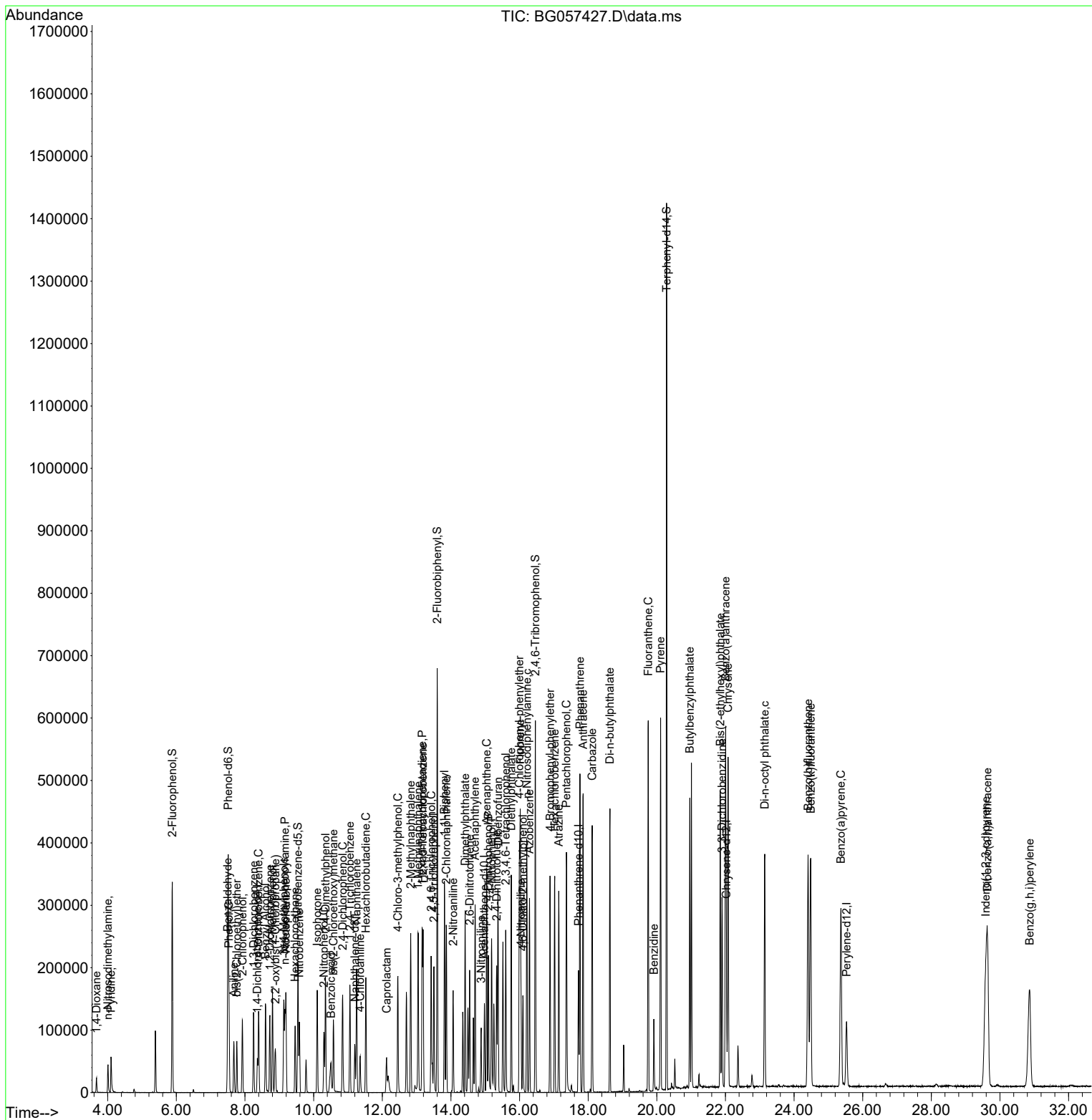
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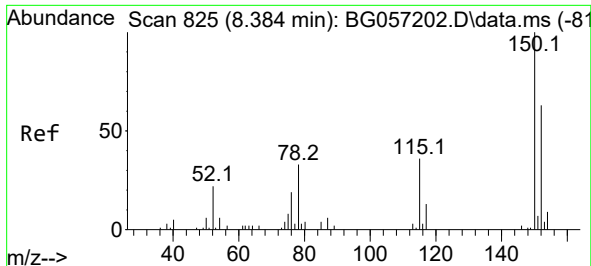
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 12 22:04:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.507	196	63552	46.127	ng	99
46) 1,1'-Biphenyl	13.813	154	181745	45.227	ng	97
47) 2-Chloronaphthalene	13.872	162	140695	47.083	ng	97
48) 2-Nitroaniline	14.065	65	46668	45.930	ng	98
49) Acenaphthylene	14.706	152	221706	45.668	ng	99
50) Dimethylphthalate	14.418	163	194403	43.684	ng	98
51) 2,6-Dinitrotoluene	14.547	165	44056	48.487	ng	86
52) Acenaphthene	15.041	154	135940	44.811	ng	98
53) 3-Nitroaniline	14.882	138	25016	27.482	ng	89
54) 2,4-Dinitrophenol	15.093	184	57294	100.480	ng	98
55) Dibenzofuran	15.375	168	232919	45.696	ng	97
56) 4-Nitrophenol	15.187	139	63095	104.217	ng	90
57) 2,4-Dinitrotoluene	15.334	165	62876	48.419	ng	94
58) Fluorene	16.022	166	192993	45.967	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.599	232	65175	52.177	ng	98
60) Diethylphthalate	15.757	149	198712	43.969	ng	99
61) 4-Chlorophenyl-phenyle...	15.998	204	115176	45.537	ng	97
62) 4-Nitroaniline	16.045	138	42571	46.358	ng	92
63) Azobenzene	16.292	77	182612	41.878	ng	96
65) 4,6-Dinitro-2-methylph...	16.098	198	44288	54.426	ng	98
66) n-Nitrosodiphenylamine	16.215	169	170383	46.028	ng	99
67) 4-Bromophenyl-phenylether	16.891	248	77197	46.398	ng	97
68) Hexachlorobenzene	17.026	284	82993	51.330	ng	95
69) Atrazine	17.144	200	71743	50.806	ng	99
70) Pentachlorophenol	17.367	266	85785	92.062	ng	97
71) Phenanthrene	17.760	178	329766	47.218	ng	100
72) Anthracene	17.854	178	338331	47.212	ng	98
73) Carbazole	18.119	167	289573	47.999	ng	99
74) Di-n-butylphthalate	18.636	149	327898	47.239	ng	# 98
75) Fluoranthene	19.752	202	406241	46.768	ng	99
77) Benzidine	19.916	184	80589	29.553	ng	99
78) Pyrene	20.110	202	407607	45.987	ng	98
80) Butylbenzylphthalate	20.962	149	142711	50.745	ng	96
81) Benzo(a)anthracene	22.008	228	412639	47.482	ng	99
82) 3,3'-Dichlorobenzidine	21.902	252	123823	44.484	ng	95
83) Chrysene	22.078	228	375966	45.981	ng	98
84) Bis(2-ethylhexyl)phtha...	21.849	149	204238	49.084	ng	100
85) Di-n-octyl phthalate	23.147	149	350266	50.493	ng	97
87) Indeno(1,2,3-cd)pyrene	29.586	276	463977	48.038	ng	# 96
88) Benzo(b)fluoranthene	24.410	252	428346	49.445	ng	99
89) Benzo(k)fluoranthene	24.487	252	412906	46.904	ng	100
90) Benzo(a)pyrene	25.368	252	375536	44.371	ng	98
91) Dibenzo(a,h)anthracene	29.638	278	386428	48.042	ng	98
92) Benzo(g,h,i)perylene	30.866	276	372651	47.447	ng	98

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

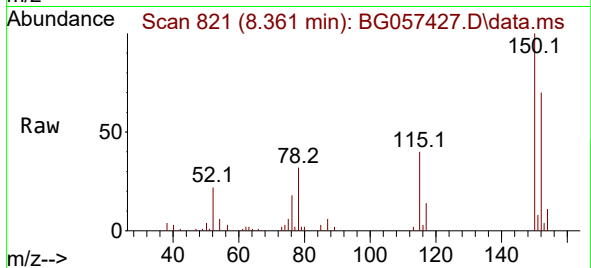
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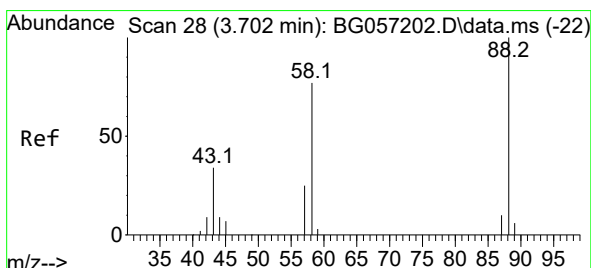
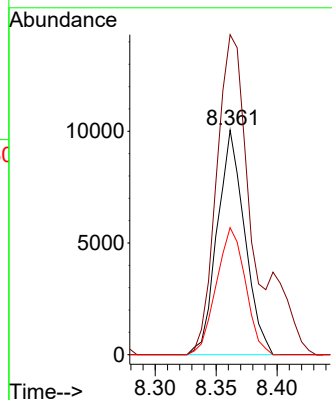
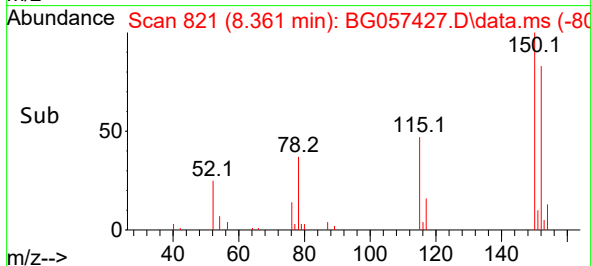


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.361 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057427.D
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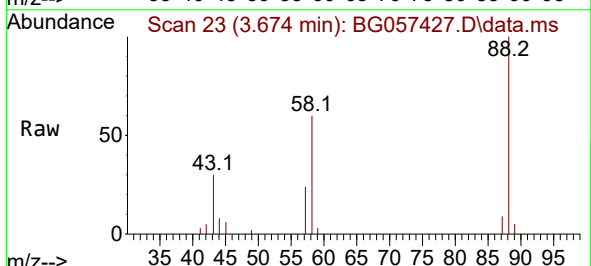
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BNA_G
ClientSampleId :
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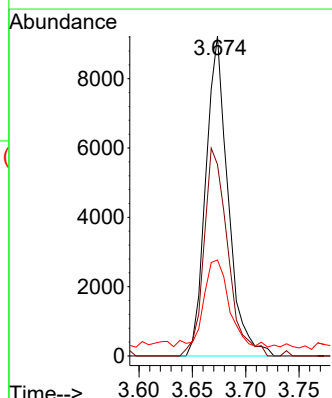
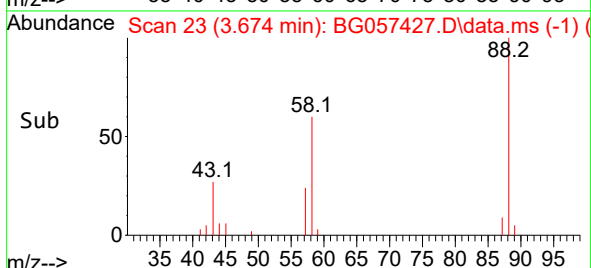
Tgt Ion:152 Resp: 15760
Ion Ratio Lower Upper
152 100
150 142.5 126.2 189.4
115 56.6 45.0 67.4

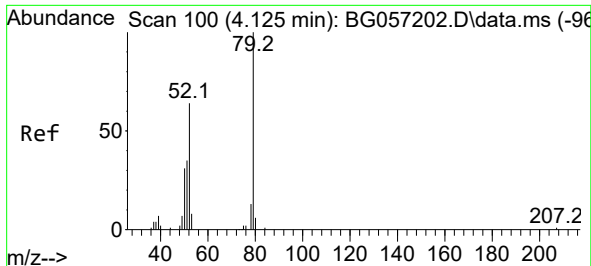


#2
1,4-Dioxane
Concen: 35.205 ng
RT: 3.674 min Scan# 23
Delta R.T. -0.008 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43



Tgt Ion: 88 Resp: 13411
Ion Ratio Lower Upper
88 100
58 69.4 57.1 85.7
43 30.1 24.4 36.6

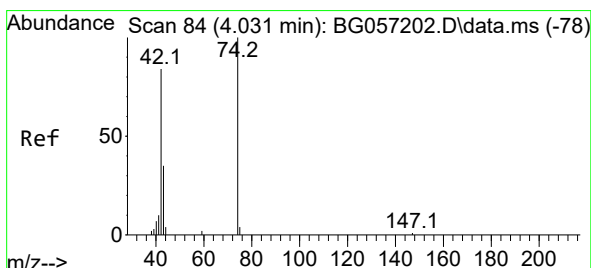
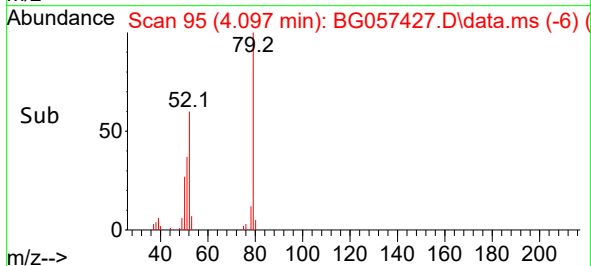
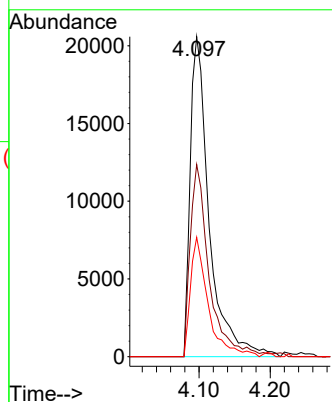
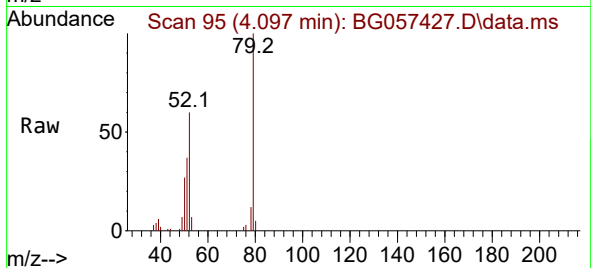




#3
Pyridine
Concen: 31.114 ng
RT: 4.097 min Scan# 91
Delta R.T. -0.008 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

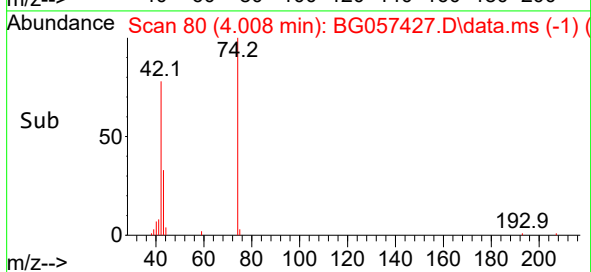
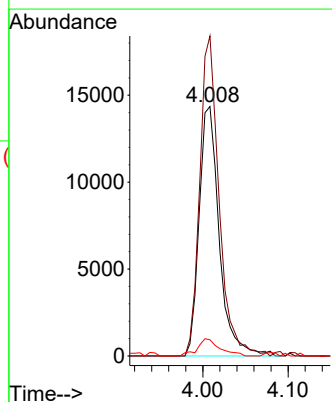
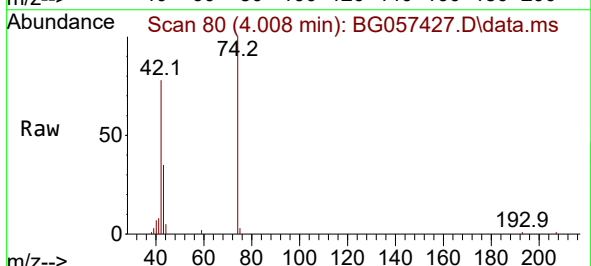
Instrument :
BNA_G
ClientSampleId :
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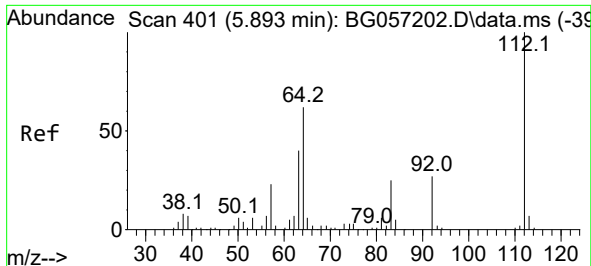
Tgt Ion: 79 Resp: 38090
Ion Ratio Lower Upper
79 100
52 60.0 51.4 77.0
51 37.3 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 40.799 ng
RT: 4.008 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 42 Resp: 23472
Ion Ratio Lower Upper
42 100
74 128.3 95.1 142.7
44 6.5 5.8 8.8

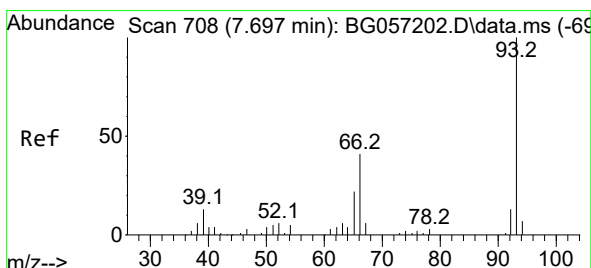
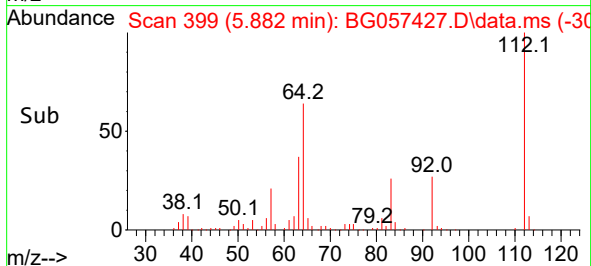
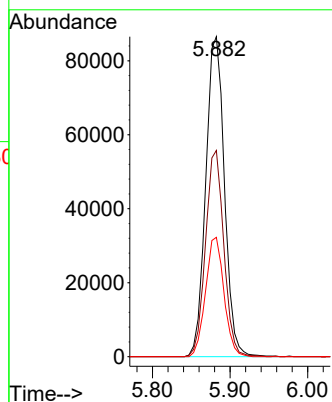
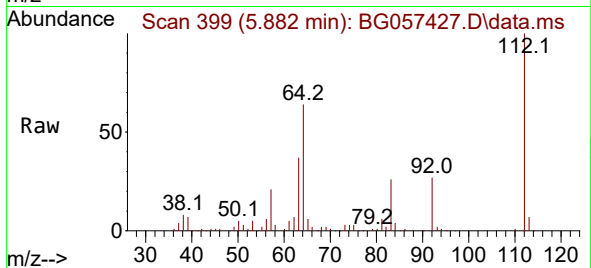




#5
2-Fluorophenol
Concen: 156.942 ng
RT: 5.882 min Scan# 399
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

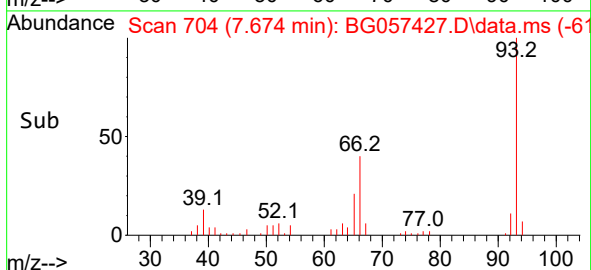
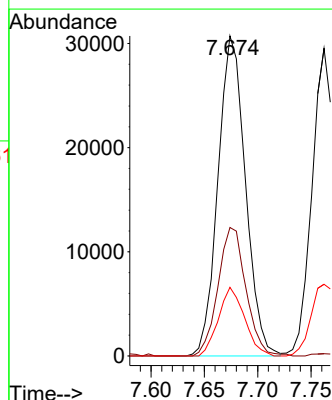
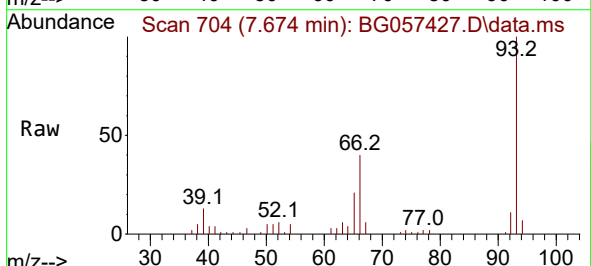
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ClientSampleId :
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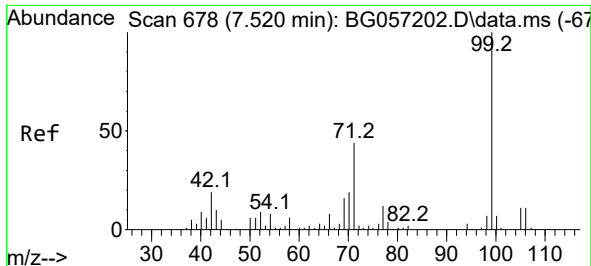
Tgt Ion:112 Resp: 144592
Ion Ratio Lower Upper
112 100
64 64.5 49.4 74.2
63 37.3 31.6 47.4



#6
Aniline
Concen: 30.983 ng
RT: 7.674 min Scan# 704
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 93 Resp: 54989
Ion Ratio Lower Upper
93 100
66 40.1 33.0 49.6
65 21.4 18.0 27.0

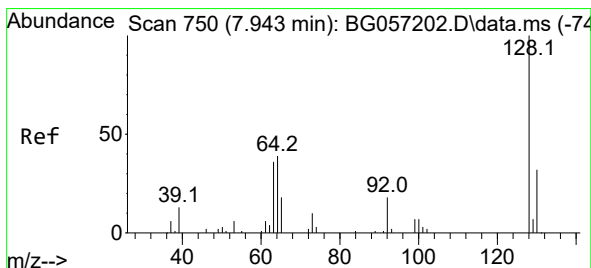
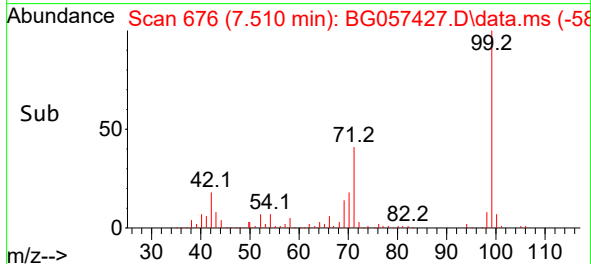
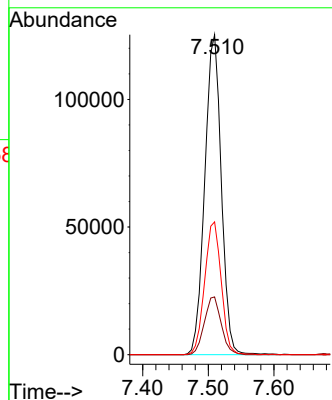
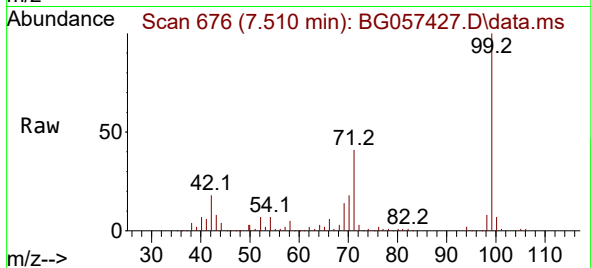




#7
Phenol-d6
Concen: 157.114 ng
RT: 7.510 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

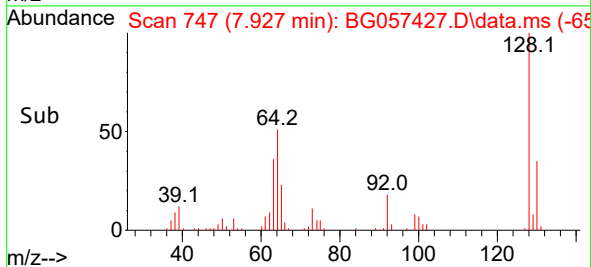
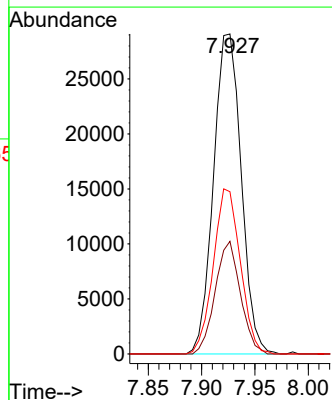
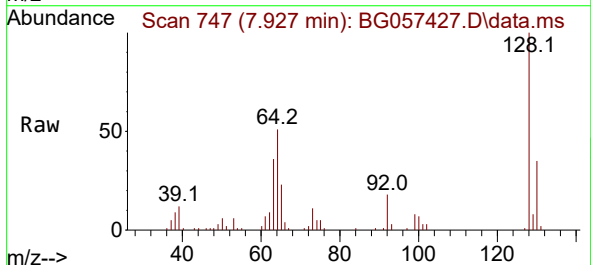
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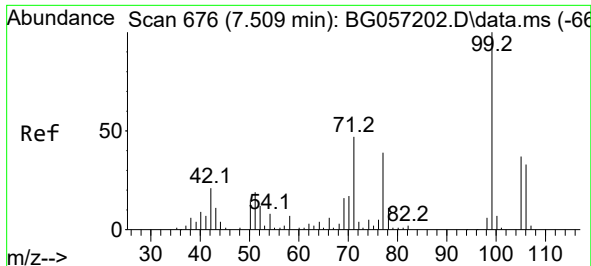
Tgt Ion: 99 Resp: 219809
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 41.5 35.2 52.8



#8
2-Chlorophenol
Concen: 53.945 ng
RT: 7.927 min Scan# 747
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 128 Resp: 52517
Ion Ratio Lower Upper
128 100
130 35.2 12.2 52.2
64 50.7 28.4 68.4

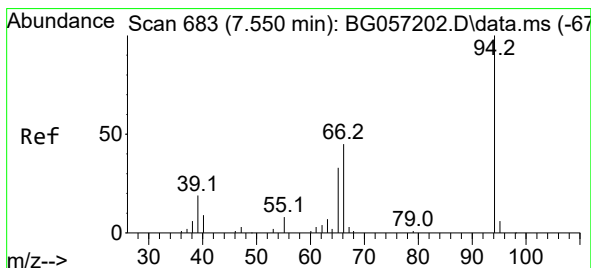
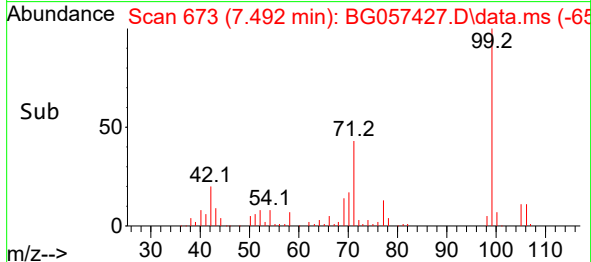
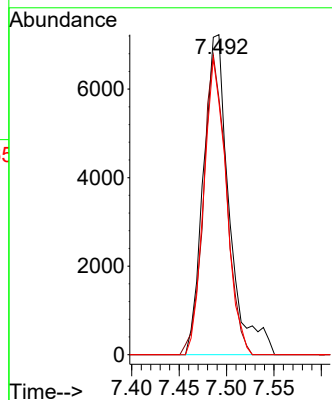
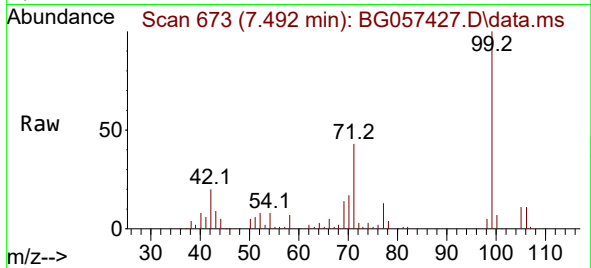




#9
Benzaldehyde
Concen: 13.714 ng
RT: 7.492 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

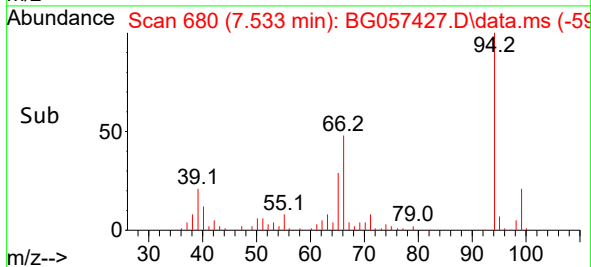
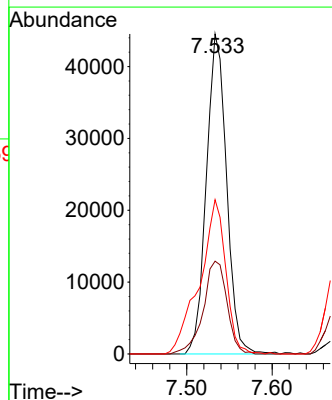
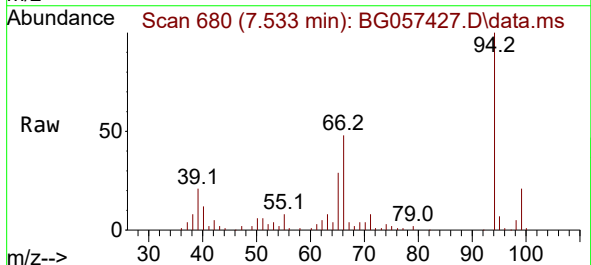
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ClientSampleId :
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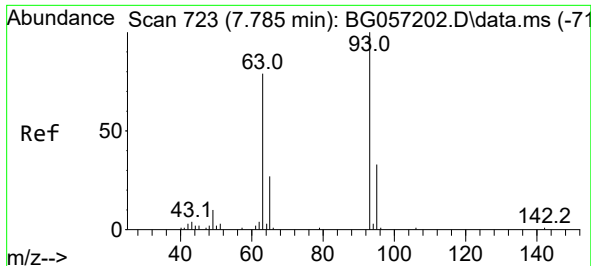
Tgt Ion: 77 Resp: 13579
Ion Ratio Lower Upper
77 100
105 80.1 74.6 114.6
106 78.9 66.3 106.3



#10
Phenol
Concen: 53.802 ng
RT: 7.533 min Scan# 680
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 94 Resp: 73376
Ion Ratio Lower Upper
94 100
65 29.0 13.5 53.5
66 48.2 26.7 66.7

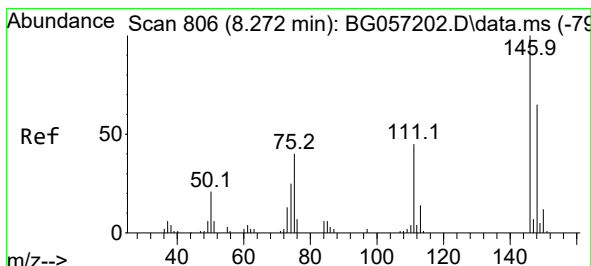
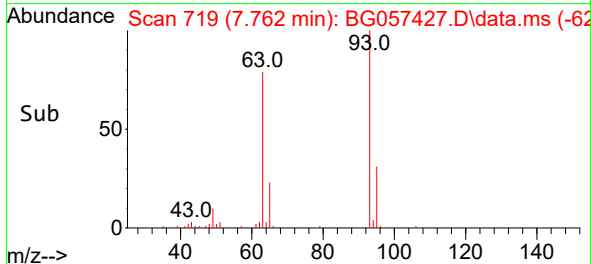
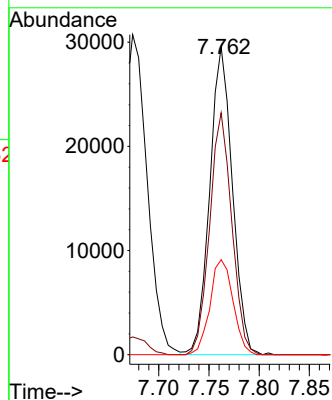
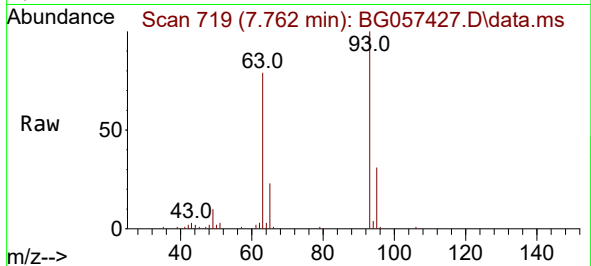




#11
bis(2-Chloroethyl)ether
Concen: 45.115 ng
RT: 7.762 min Scan# 719
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

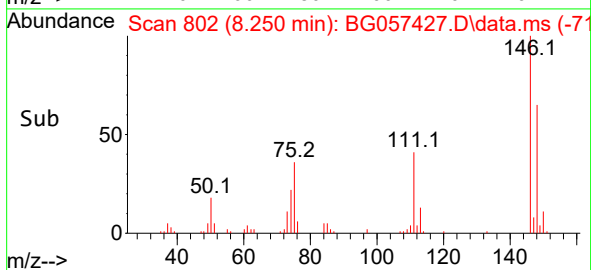
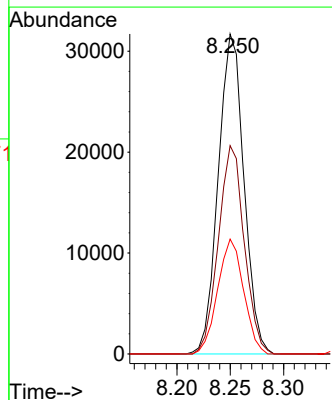
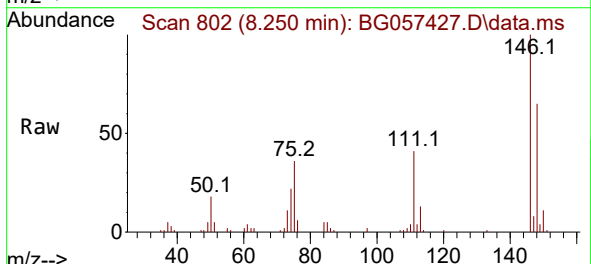
Instrument :
BNA_G
ClientSampleId :
PB152629BS

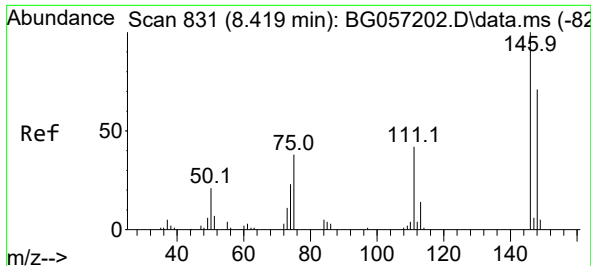
Tgt Ion: 93 Resp: 46396
Ion Ratio Lower Upper
93 100
63 78.7 58.6 98.6
95 30.9 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 49.371 ng
RT: 8.250 min Scan# 802
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 146 Resp: 53047
Ion Ratio Lower Upper
146 100
148 65.1 52.2 78.2
75 35.9 31.7 47.5

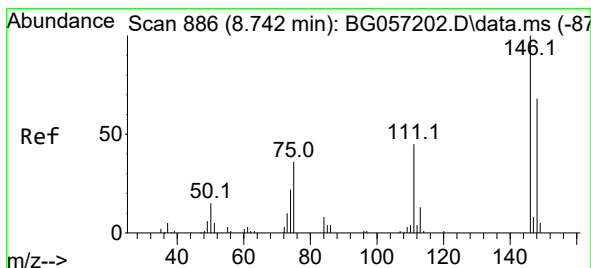
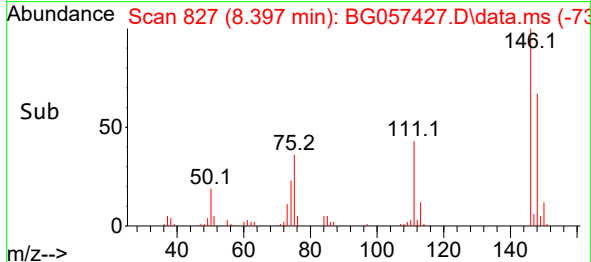
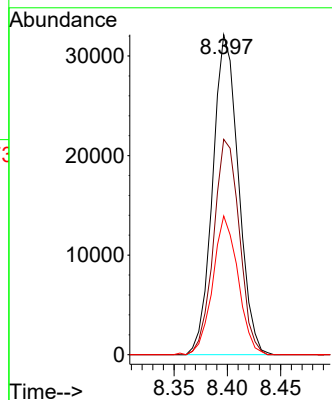
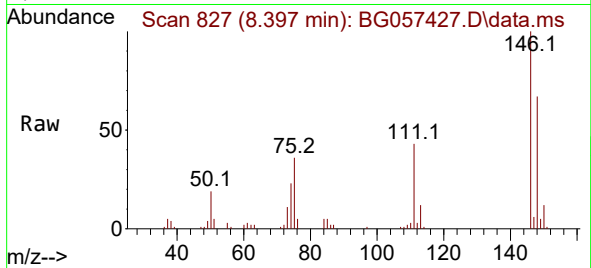




#13
1,4-Dichlorobenzene
Concen: 49.901 ng
RT: 8.397 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

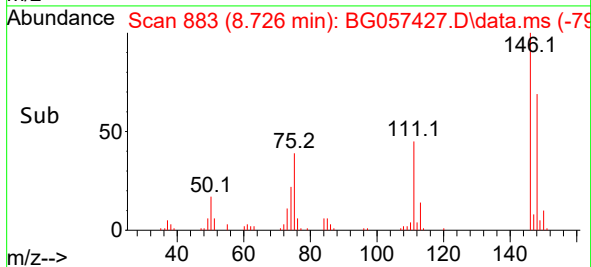
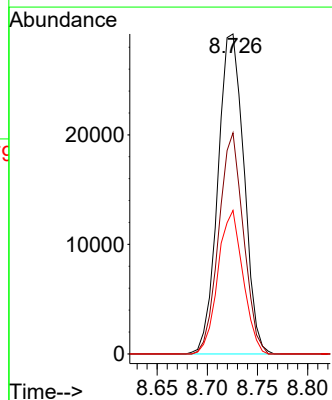
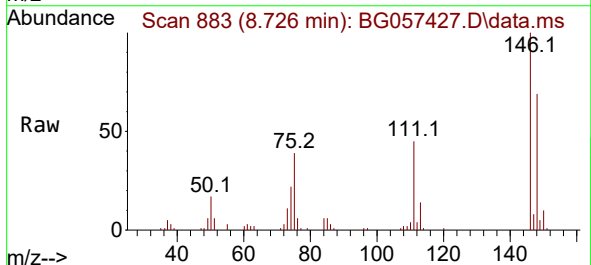
Instrument :
BNA_G
ClientSampleId :
PB152629BS

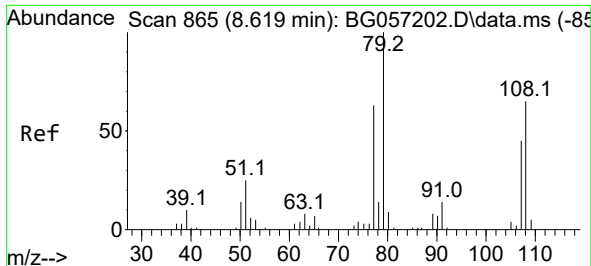
Tgt Ion:146 Resp: 53857
Ion Ratio Lower Upper
146 100
148 67.3 56.4 84.6
111 43.4 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 50.476 ng
RT: 8.726 min Scan# 883
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:146 Resp: 52591
Ion Ratio Lower Upper
146 100
148 69.1 54.6 82.0
111 44.8 37.2 55.8

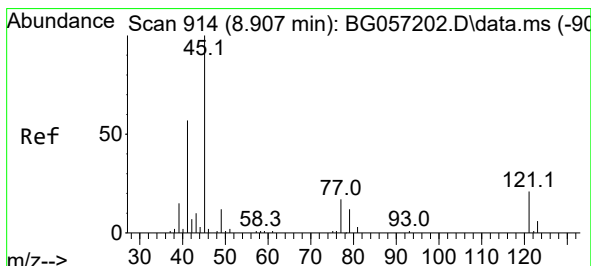
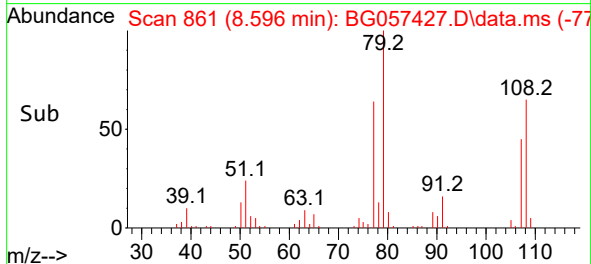
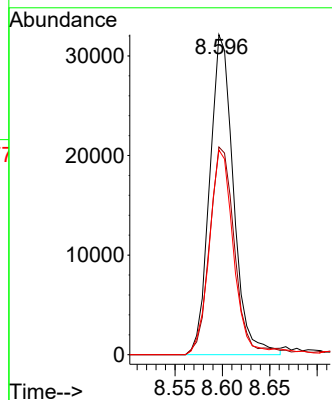
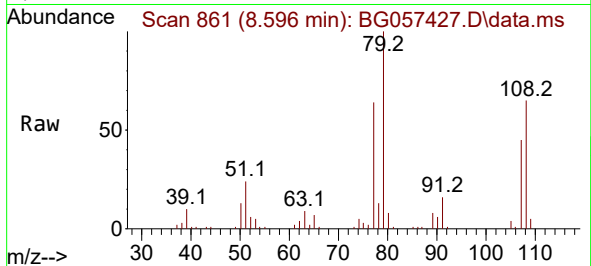




#15
Benzyl Alcohol
Concen: 48.086 ng
RT: 8.596 min Scan# 80
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

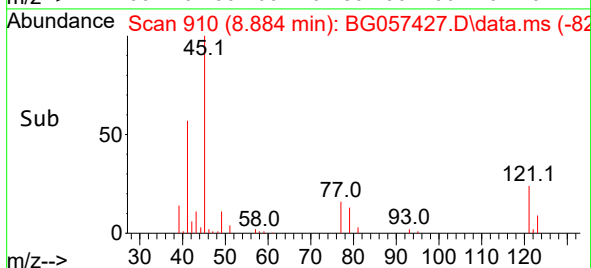
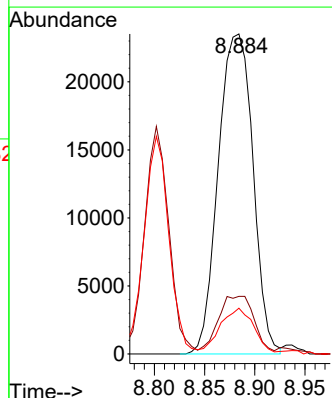
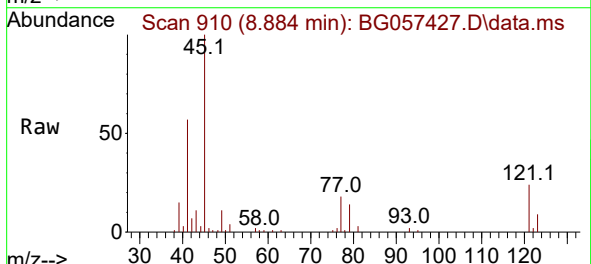
Instrument :
BNA_G
ClientSampleId :
PB152629BS

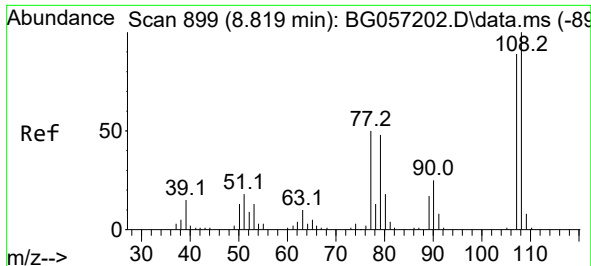
Tgt Ion: 79 Resp: 56045
Ion Ratio Lower Upper
79 100
108 64.9 52.2 78.2
77 64.0 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.571 ng
RT: 8.884 min Scan# 910
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 45 Resp: 56477
Ion Ratio Lower Upper
45 100
77 18.0 0.0 38.5
79 14.3 0.0 33.8





#17

2-Methylphenol

Concen: 50.017 ng

RT: 8.802 min Scan# 89

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

Tgt Ion:107 Resp: 49172

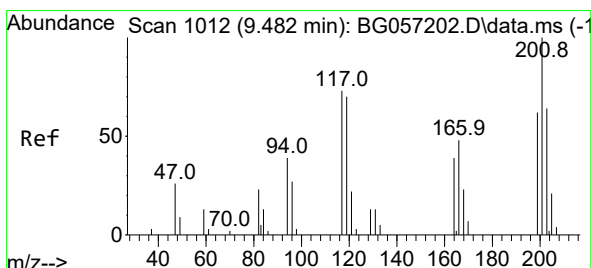
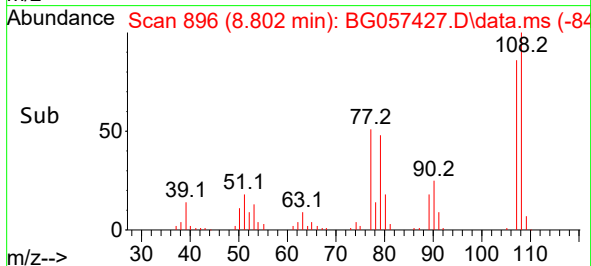
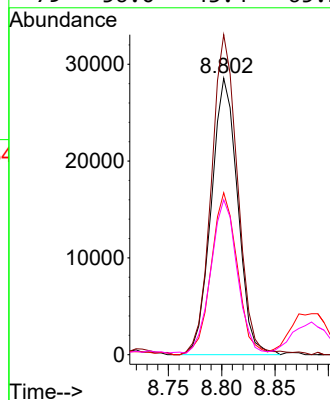
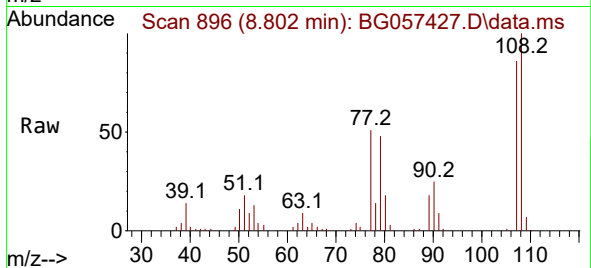
Ion Ratio Lower Upper

107 100

108 115.7 89.5 134.3

77 58.6 45.1 67.7

79 56.0 43.4 65.2



#18

Hexachloroethane

Concen: 50.069 ng

RT: 9.460 min Scan# 1008

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

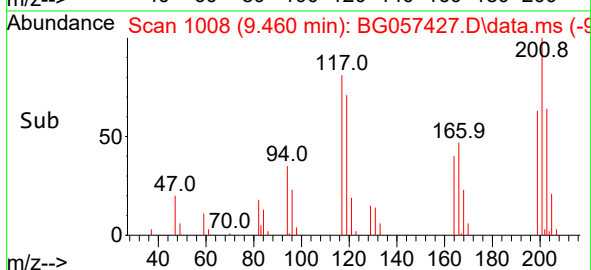
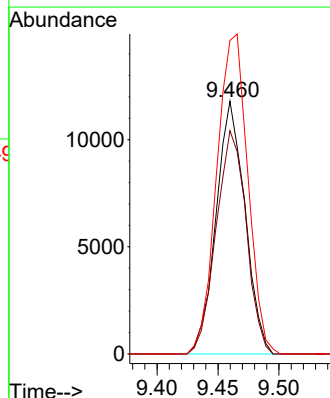
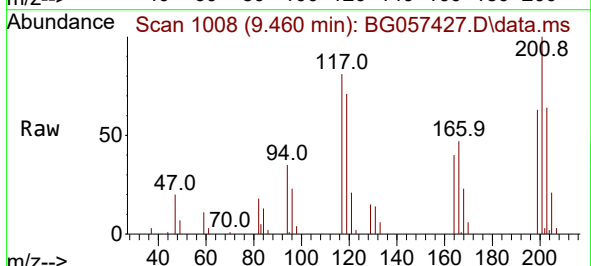
Tgt Ion:117 Resp: 19501

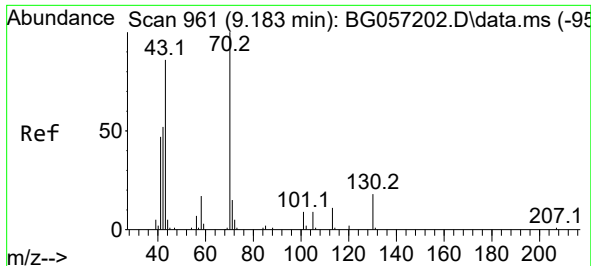
Ion Ratio Lower Upper

117 100

119 88.4 76.7 115.1

201 124.1 109.0 163.4

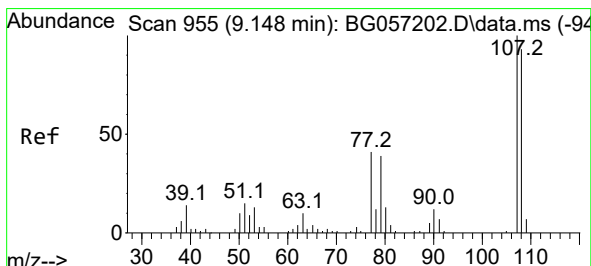
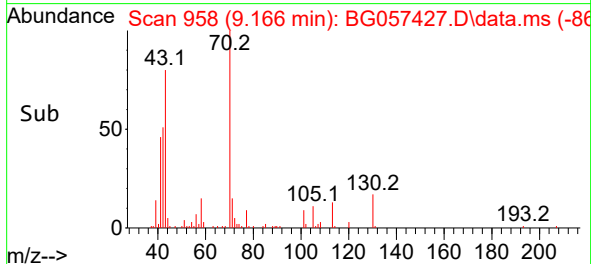
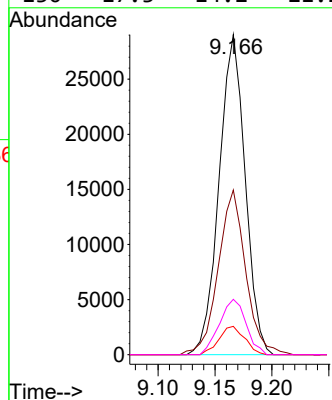
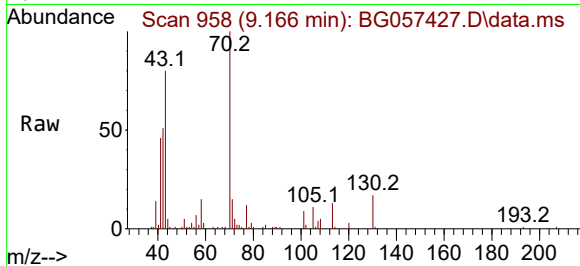




#19
n-Nitroso-di-n-propylamine
Concen: 43.391 ng
RT: 9.166 min Scan# 91
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

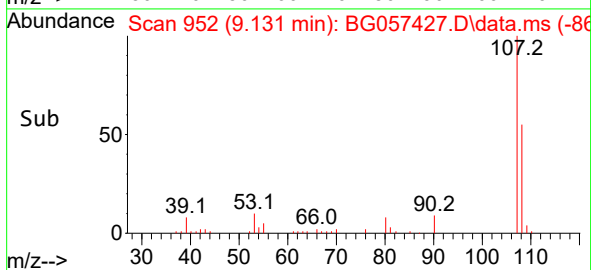
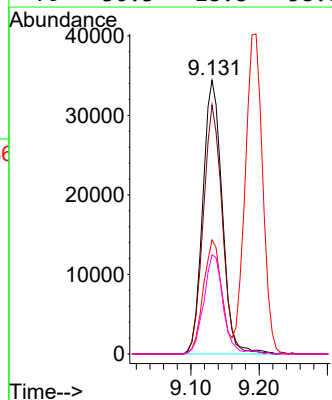
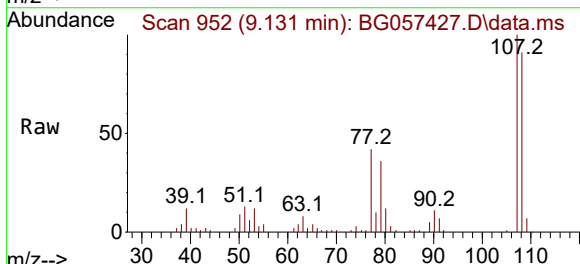
Instrument :
BNA_G
ClientSampleId :
PB152629BS

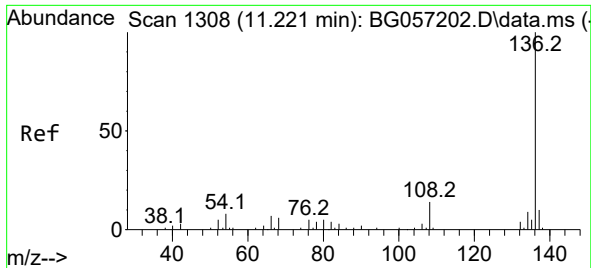
Tgt Ion: 70 Resp: 46289
Ion Ratio Lower Upper
70 100
42 51.5 41.8 62.8
101 8.8 6.8 10.2
130 17.3 14.2 21.2



#20
3+4-Methylphenols
Concen: 50.455 ng
RT: 9.131 min Scan# 952
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 107 Resp: 67920
Ion Ratio Lower Upper
107 100
108 91.0 73.5 113.5
77 41.7 21.1 61.1
79 36.3 18.8 58.8

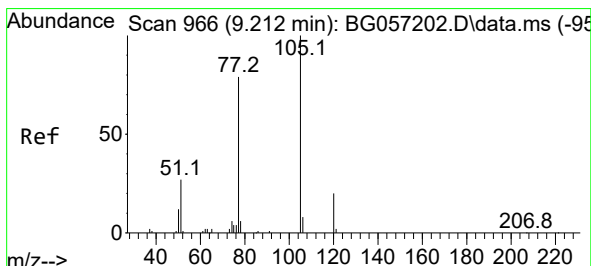
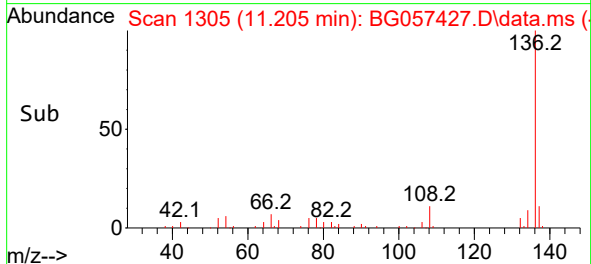
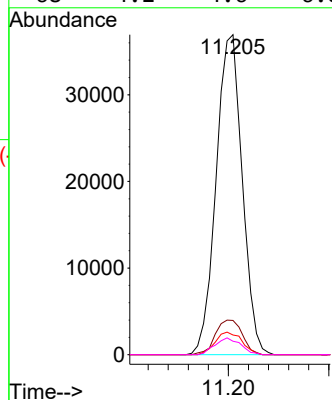
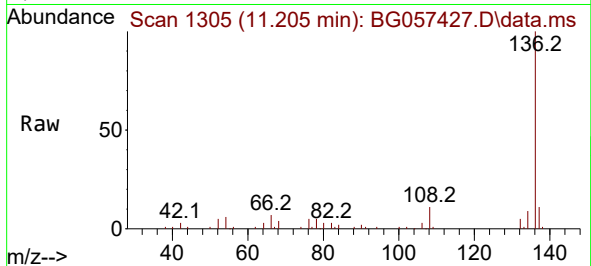




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.205 min Scan# 11
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

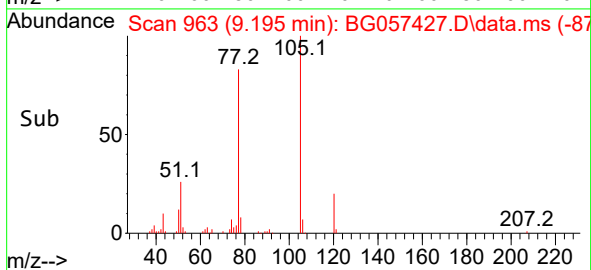
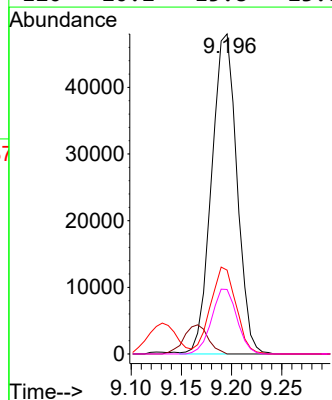
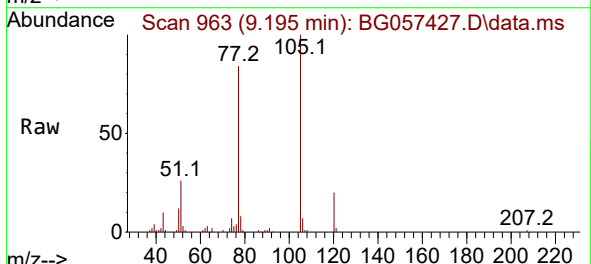
Instrument :
BNA_G
ClientSampleId :
PB152629BS

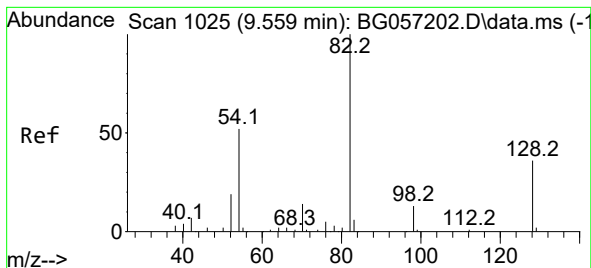
Tgt Ion:	136	Resp:	66570
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.3	12.5
54	6.1	6.7	10.1#
68	4.2	4.6	6.8#



#22
Acetophenone
Concen: 44.209 ng
RT: 9.195 min Scan# 963
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:	105	Resp:	84232
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6#
51	26.2	24.0	36.0
120	20.2	15.8	23.8





#23

Nitrobenzene-d5

Concen: 84.596 ng

RT: 9.542 min Scan# 1022

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

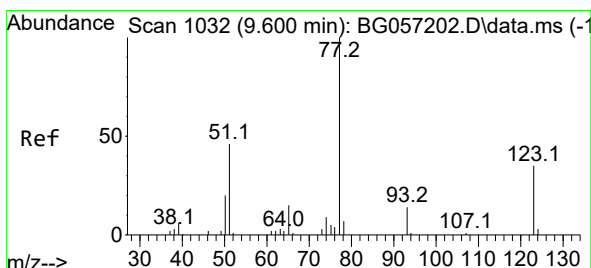
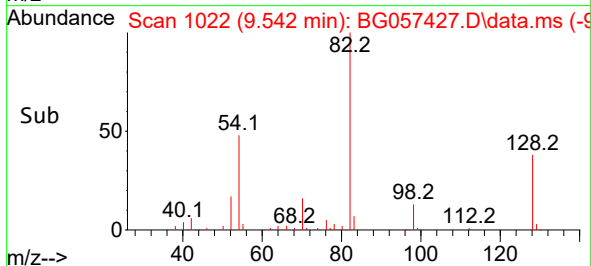
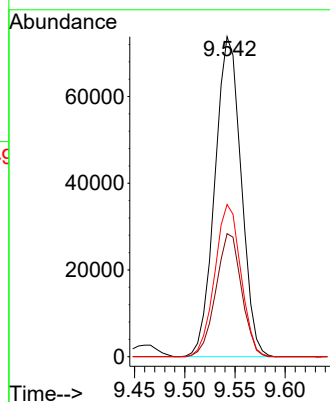
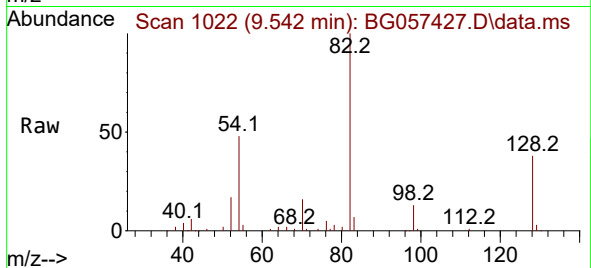
Tgt Ion: 82 Resp: 134178

Ion Ratio Lower Upper

82 100

128 38.4 29.0 43.4

54 47.6 41.4 62.0



#24

Nitrobenzene

Concen: 42.665 ng

RT: 9.583 min Scan# 1029

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

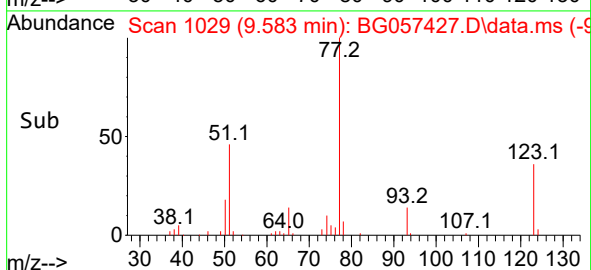
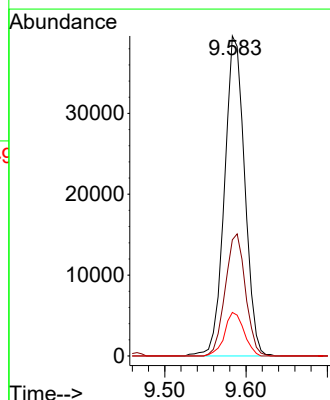
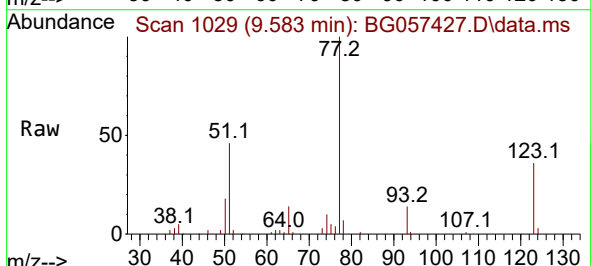
Tgt Ion: 77 Resp: 68302

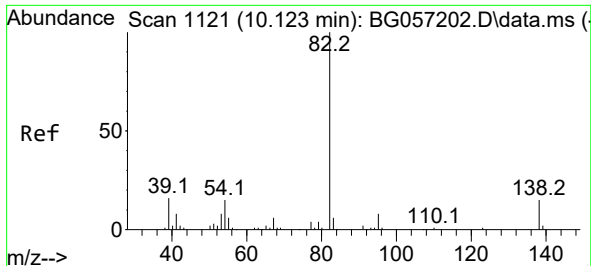
Ion Ratio Lower Upper

77 100

123 36.3 28.2 42.2

65 13.6 11.7 17.5

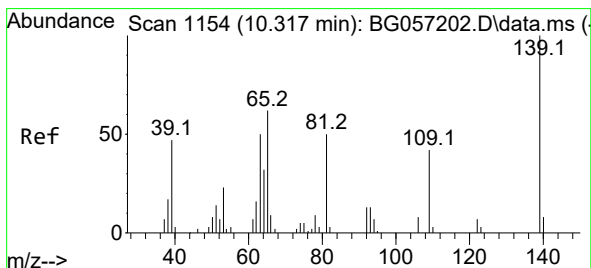
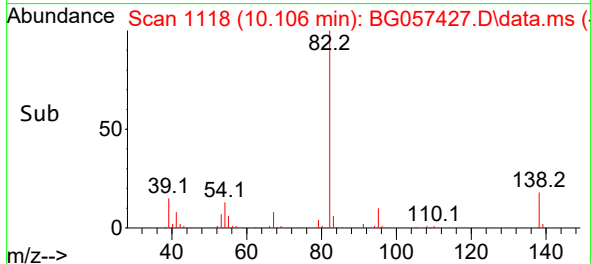
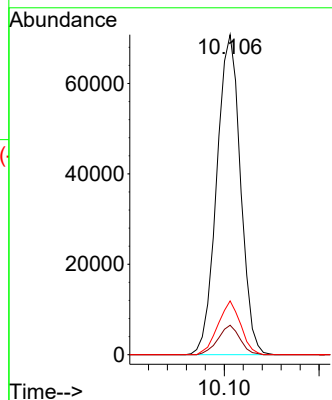
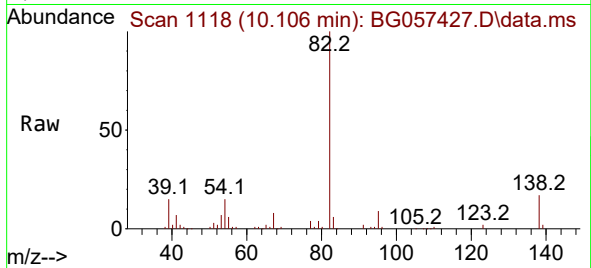




#25
Isophorone
Concen: 39.983 ng
RT: 10.106 min Scan# 1118
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

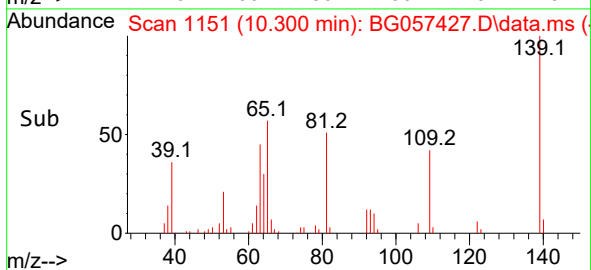
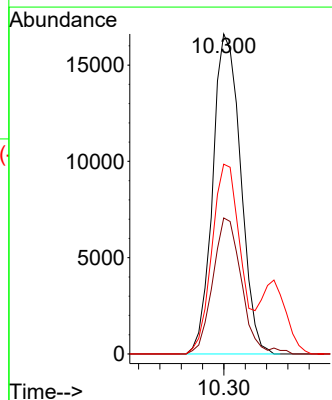
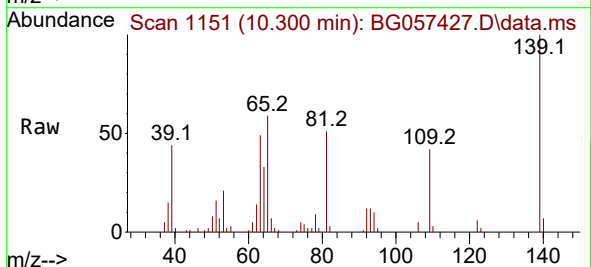
Instrument :
BNA_G
ClientSampleId :
PB152629BS

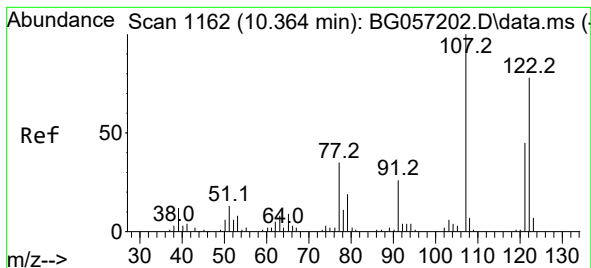
Tgt Ion: 82 Resp: 122973
Ion Ratio Lower Upper
82 100
95 9.2 6.4 9.6
138 16.8 12.3 18.5



#26
2-Nitrophenol
Concen: 49.264 ng
RT: 10.300 min Scan# 1151
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:139 Resp: 30188
Ion Ratio Lower Upper
139 100
109 42.5 33.4 50.2
65 59.3 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 52.812 ng

RT: 10.347 min Scan# 1159

Delta R.T. 0.004 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

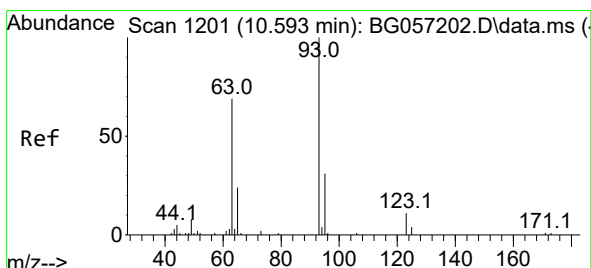
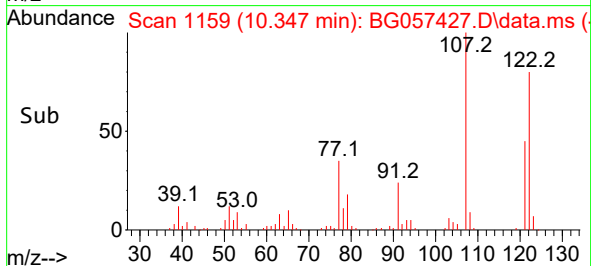
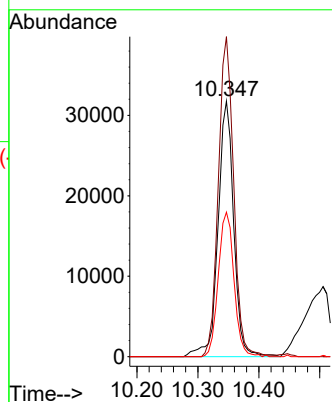
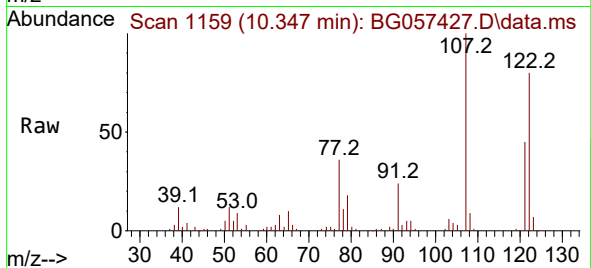
Tgt Ion:122 Resp: 56667

Ion Ratio Lower Upper

122 100

107 125.3 103.0 154.4

121 56.6 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.151 ng

RT: 10.576 min Scan# 1198

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

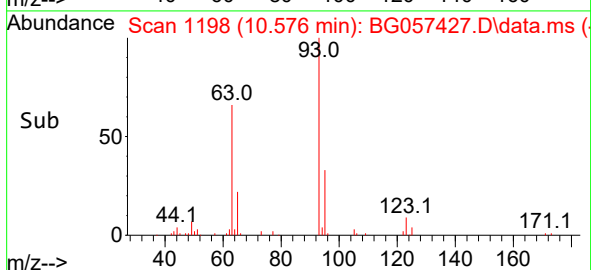
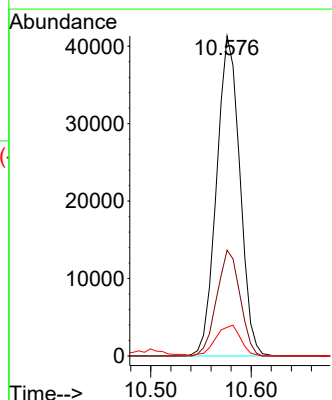
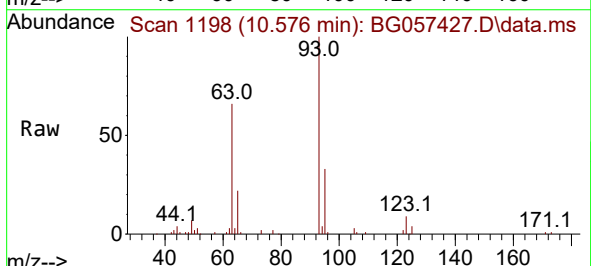
Tgt Ion: 93 Resp: 66487

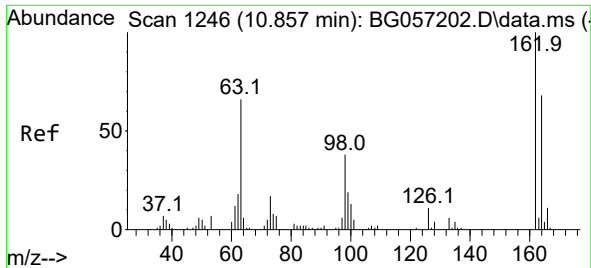
Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.6

123 9.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 54.474 ng

RT: 10.846 min Scan# 1

Delta R.T. 0.004 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

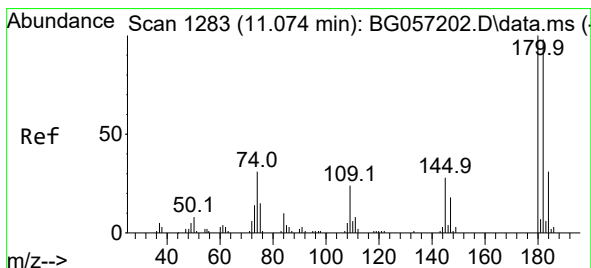
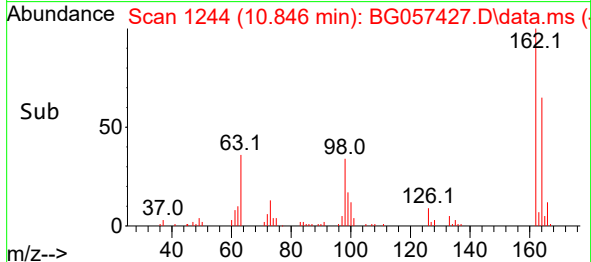
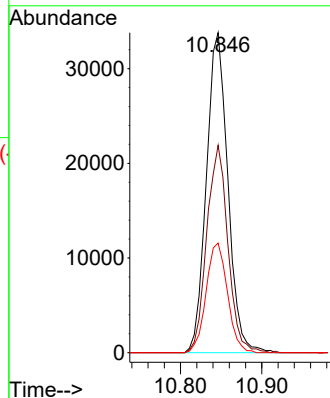
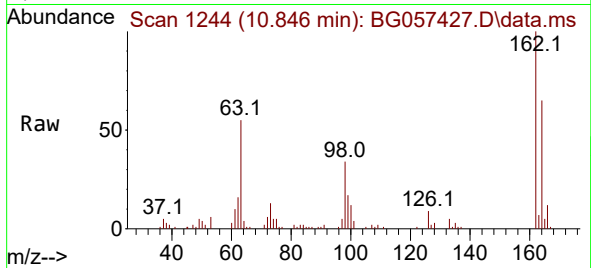
Tgt Ion:162 Resp: 61994

Ion Ratio Lower Upper

162 100

164 64.8 48.4 88.4

98 34.3 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 47.628 ng

RT: 11.058 min Scan# 1280

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

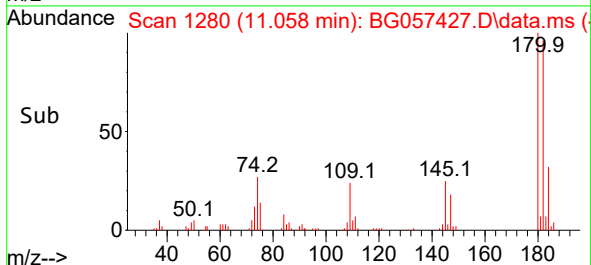
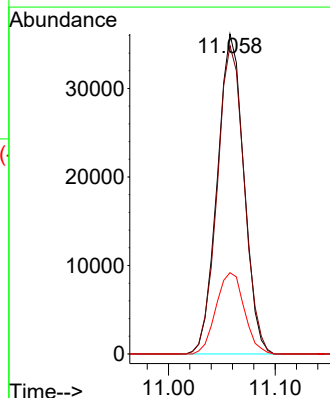
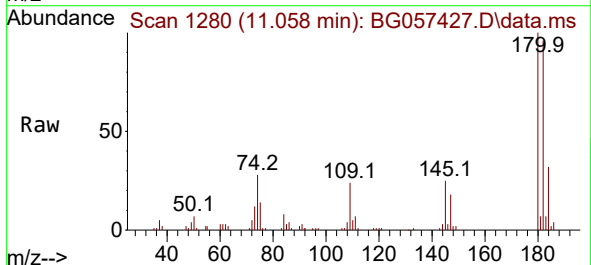
Tgt Ion:180 Resp: 62518

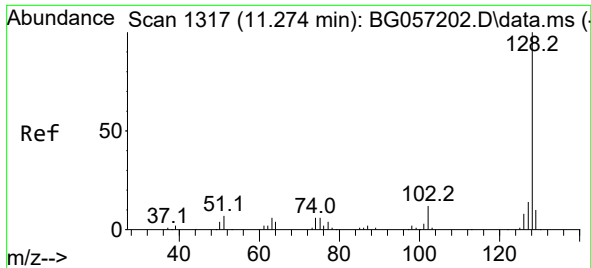
Ion Ratio Lower Upper

180 100

182 96.3 78.0 117.0

145 25.4 22.4 33.6

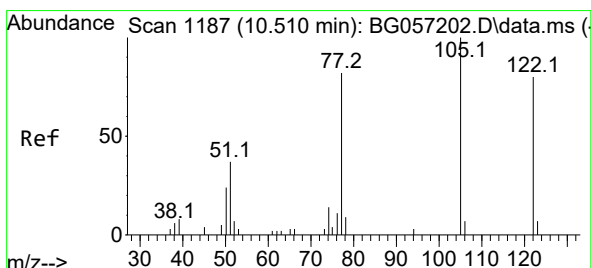
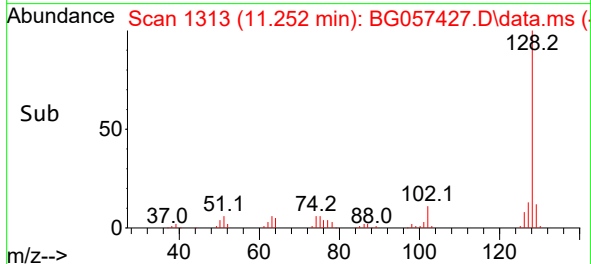
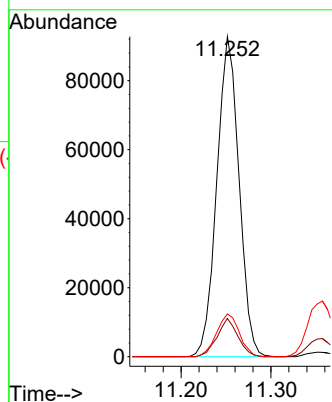
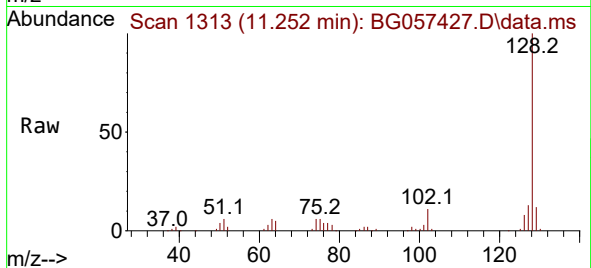




#31
Naphthalene
Concen: 44.770 ng
RT: 11.252 min Scan# 1186
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

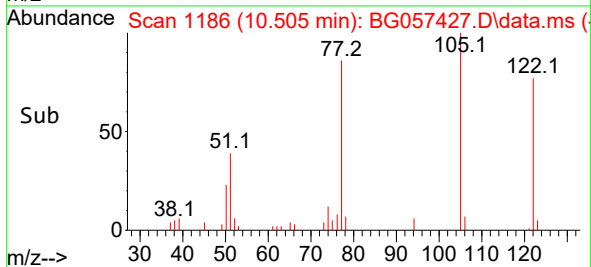
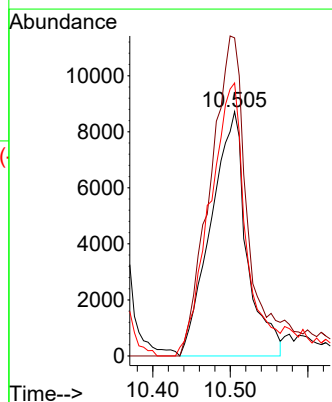
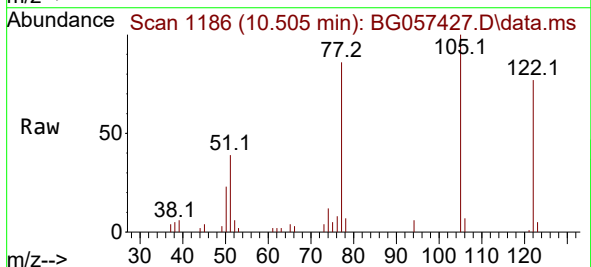
Instrument :
BNA_G
ClientSampleId :
PB152629BS

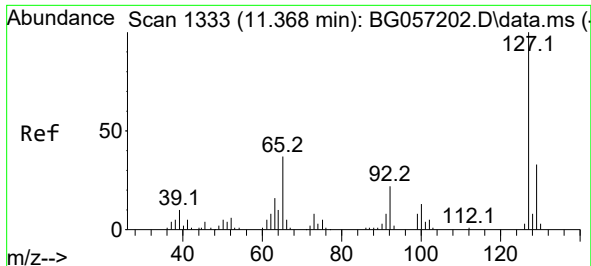
Tgt Ion:128 Resp: 159332
Ion Ratio Lower Upper
128 100
129 12.0 8.3 12.5
127 13.4 11.1 16.7



#32
Benzoic acid
Concen: 45.389 ng
RT: 10.505 min Scan# 1186
Delta R.T. 0.016 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:122 Resp: 27908
Ion Ratio Lower Upper
122 100
105 130.2 105.2 145.2
77 111.7 83.1 123.1

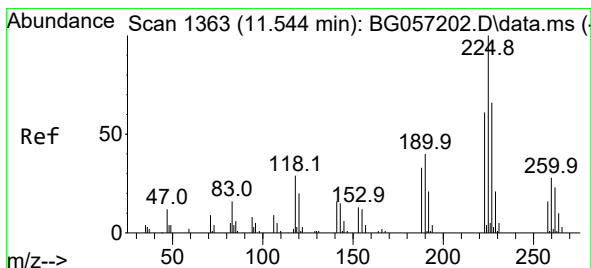
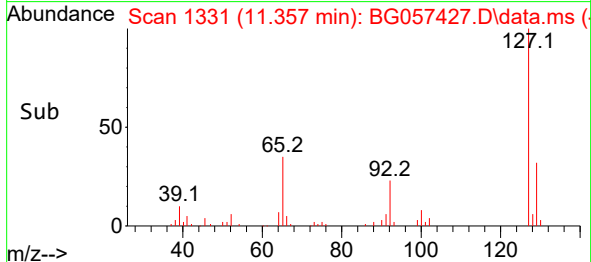
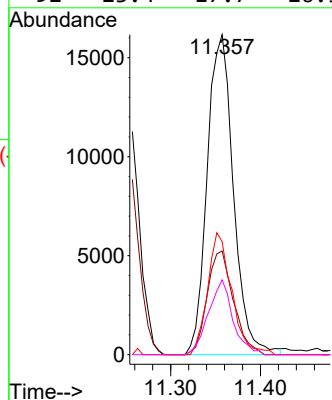
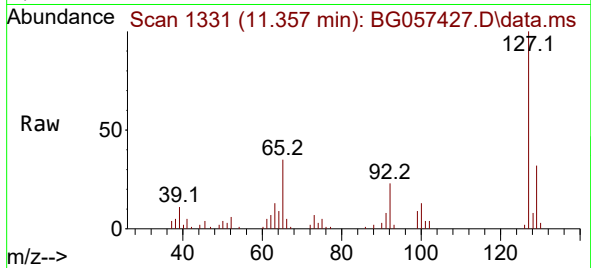




#33
4-Chloroaniline
Concen: 20.563 ng
RT: 11.357 min Scan# 1133
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

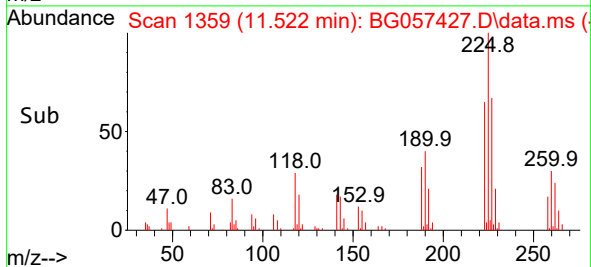
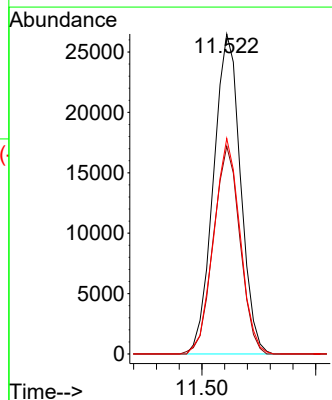
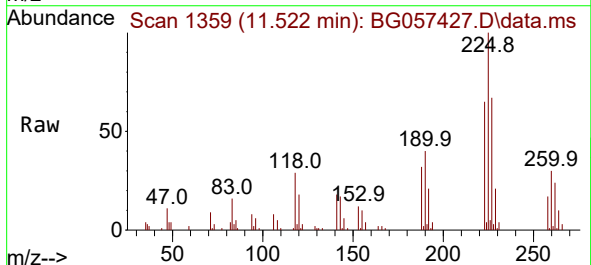
Instrument :
BNA_G
ClientSampleId :
PB152629BS

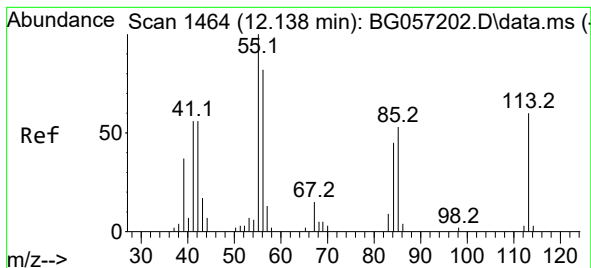
Tgt Ion:127	Resp:	32864
Ion	Ratio	Lower Upper
127	100	
129	32.4	26.7 40.1
65	35.4	29.7 44.5
92	23.4	17.7 26.5



#34
Hexachlorobutadiene
Concen: 44.911 ng
RT: 11.522 min Scan# 1359
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:225	Resp:	43743
Ion	Ratio	Lower Upper
225	100	
223	64.9	48.6 72.8
227	67.3	52.7 79.1





#35

Caprolactam

Concen: 29.863 ng

RT: 12.127 min Scan# 1462

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

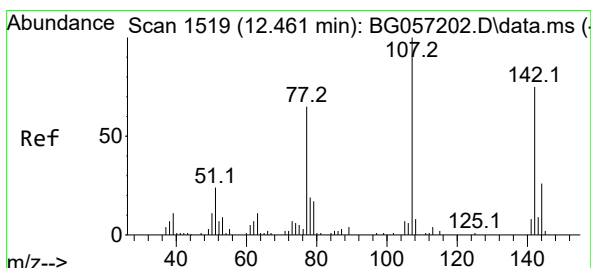
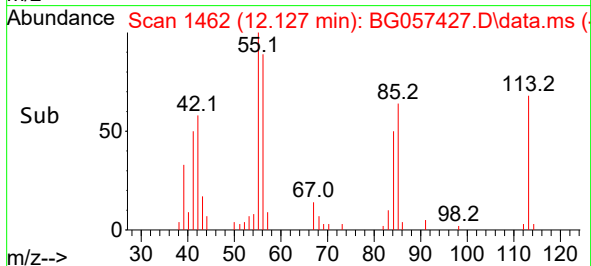
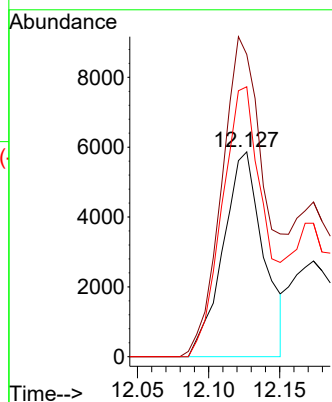
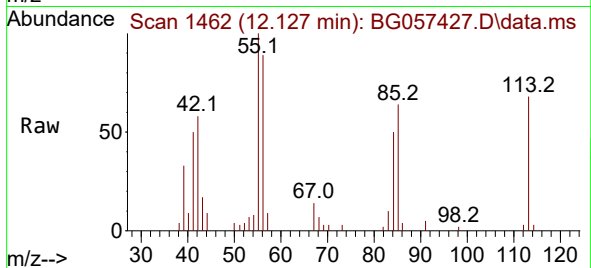
Tgt Ion:113 Resp: 11609

Ion Ratio Lower Upper

113 100

55 147.6 145.5 185.5

56 131.8 115.9 155.9



#36

4-Chloro-3-methylphenol

Concen: 52.326 ng

RT: 12.456 min Scan# 1518

Delta R.T. 0.004 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

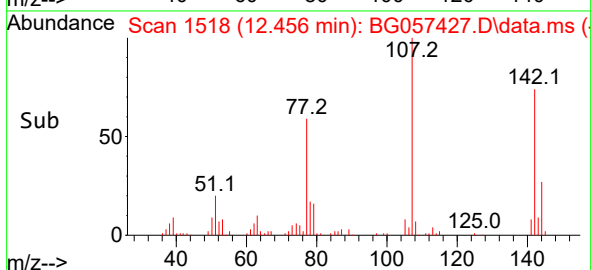
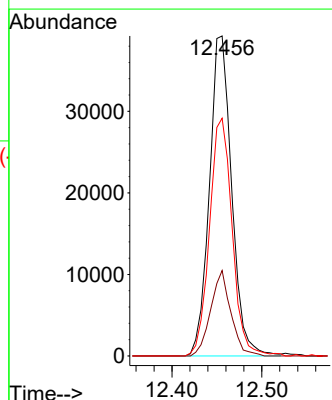
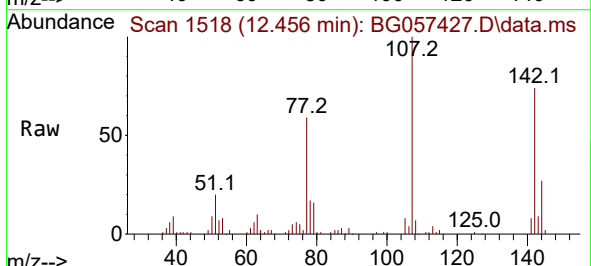
Tgt Ion:107 Resp: 67673

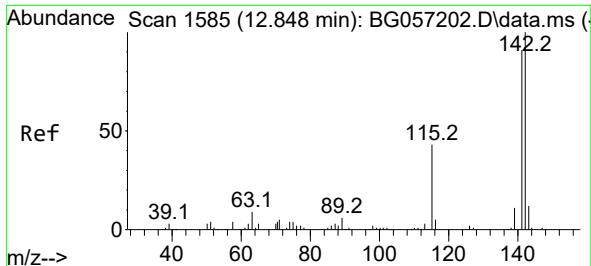
Ion Ratio Lower Upper

107 100

144 26.7 21.0 31.6

142 74.3 60.0 90.0





#37

2-Methylnaphthalene

Concen: 44.955 ng

RT: 12.832 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

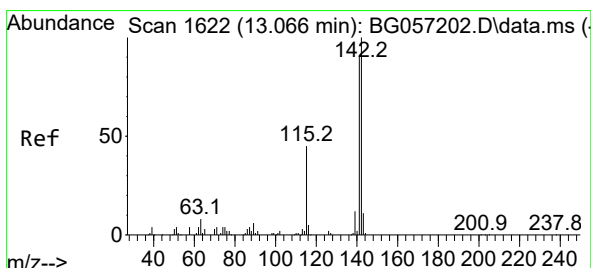
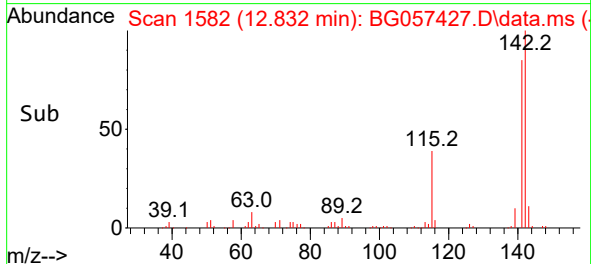
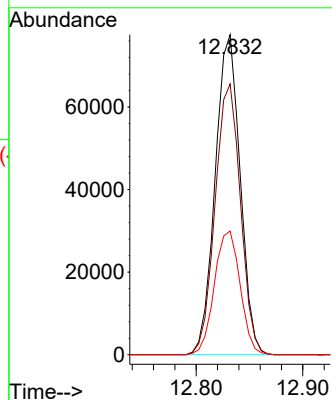
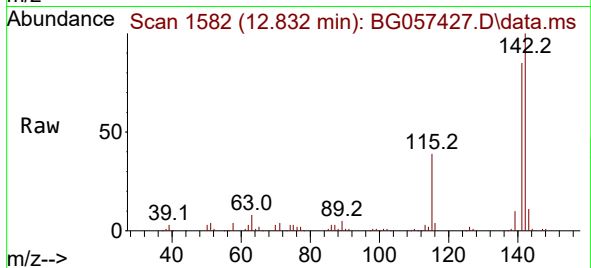
Tgt Ion:142 Resp: 125792

Ion Ratio Lower Upper

142 100

141 84.6 73.1 109.7

115 38.7 34.6 52.0



#38

1-Methylnaphthalene

Concen: 44.467 ng

RT: 13.049 min Scan# 1619

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

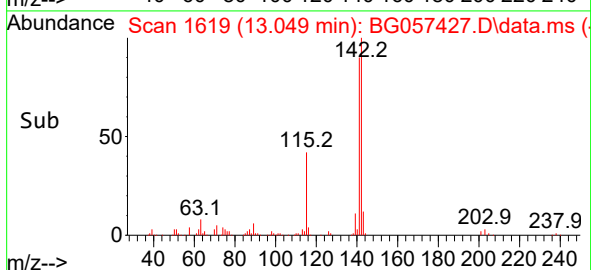
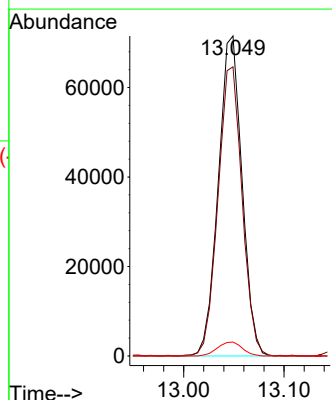
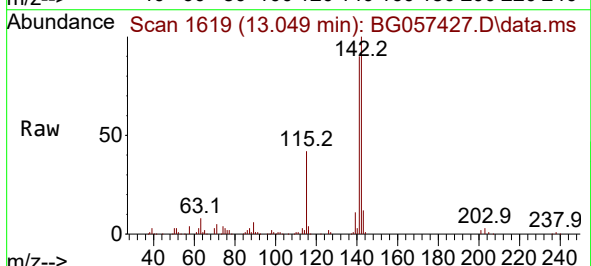
Tgt Ion:142 Resp: 117278

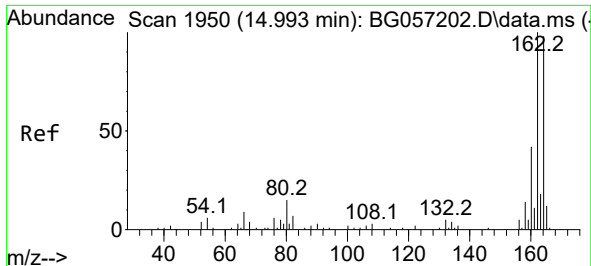
Ion Ratio Lower Upper

142 100

141 90.4 72.5 108.7

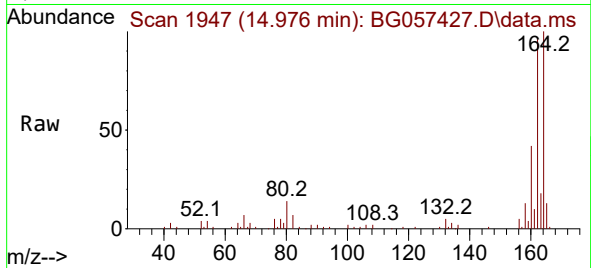
116 4.4 3.7 5.5



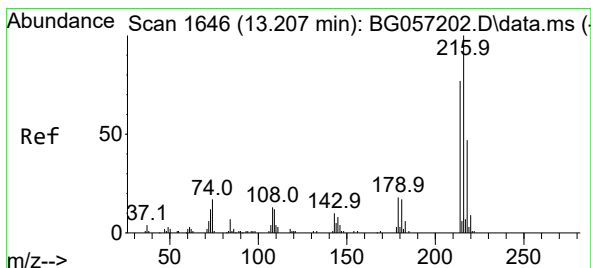
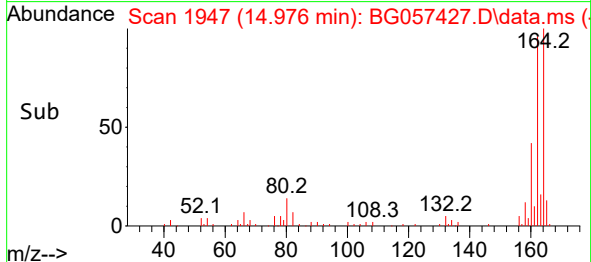
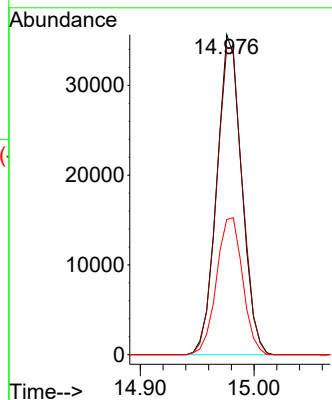


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.976 min Scan# 1947
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Instrument :
BNA_G
ClientSampleId :
PB152629BS

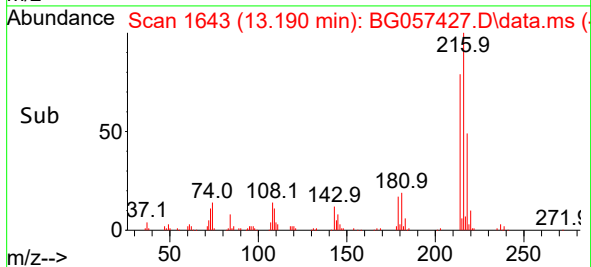
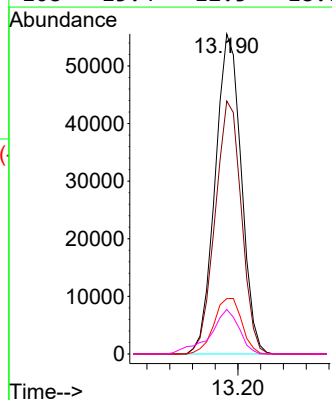
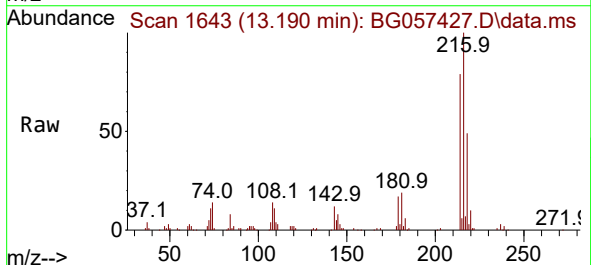


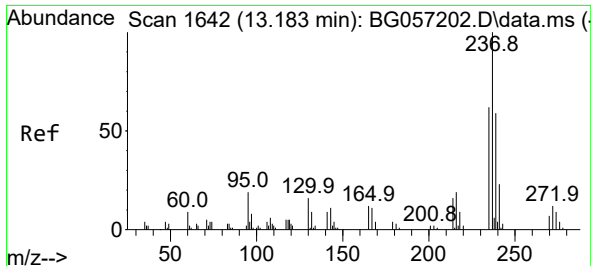
Tgt Ion:164 Resp: 54155
Ion Ratio Lower Upper
164 100
162 96.1 81.8 122.6
160 42.3 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.028 ng
RT: 13.190 min Scan# 1643
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

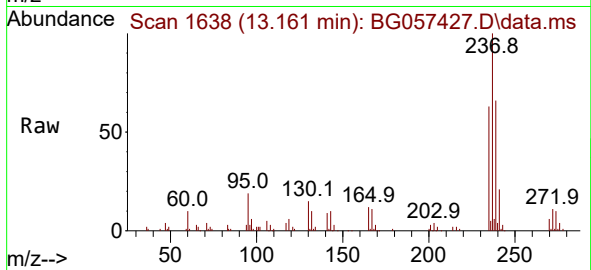
Tgt Ion:216 Resp: 88491
Ion Ratio Lower Upper
216 100
214 79.6 63.7 95.5
179 18.5 14.6 22.0
108 15.4 12.5 18.7



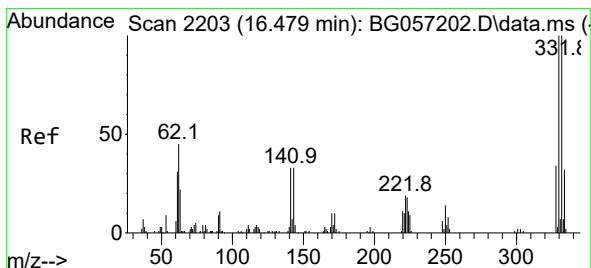
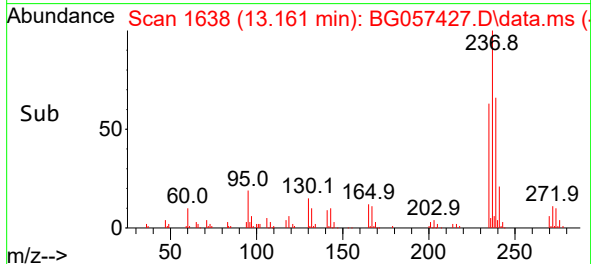
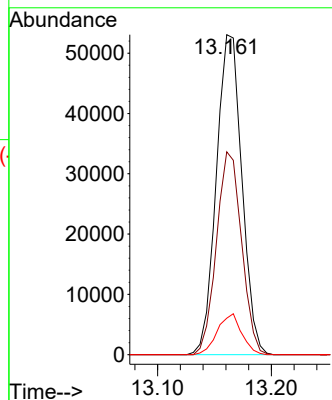


#41
Hexachlorocyclopentadiene
Concen: 88.940 ng
RT: 13.161 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Instrument :
BNA_G
ClientSampleId :
PB152629BS

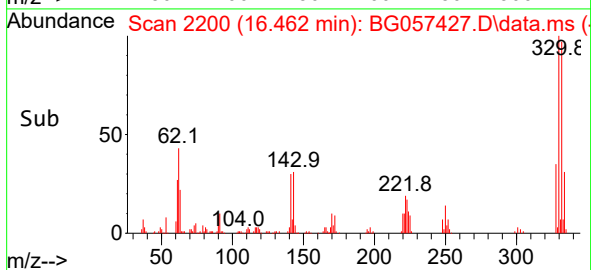
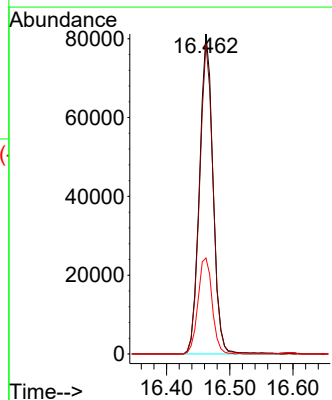
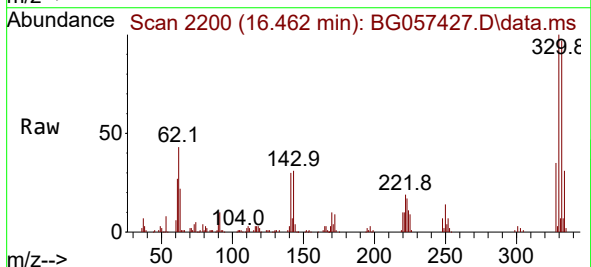


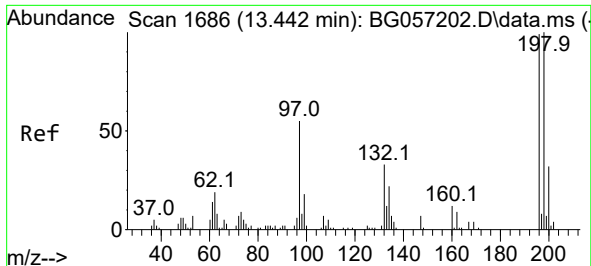
Tgt Ion:237 Resp: 82896
Ion Ratio Lower Upper
237 100
235 63.4 42.0 82.0
272 11.4 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 157.156 ng
RT: 16.462 min Scan# 2200
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:330 Resp: 120759
Ion Ratio Lower Upper
330 100
332 96.5 78.2 117.2
141 31.3 27.8 41.8

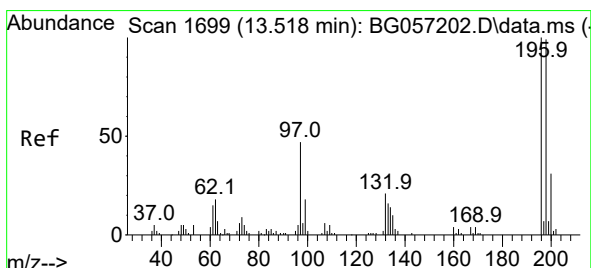
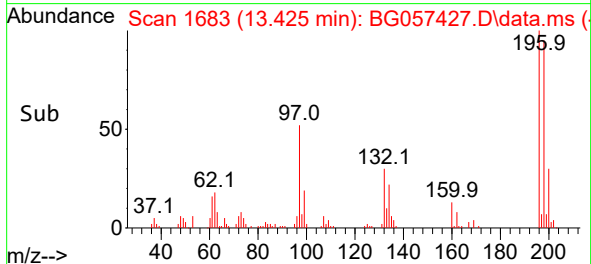
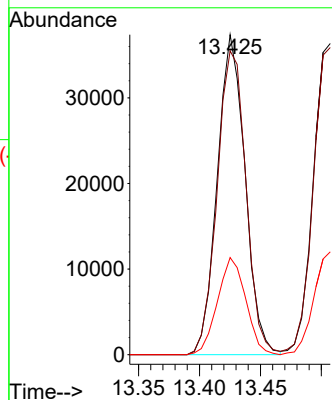
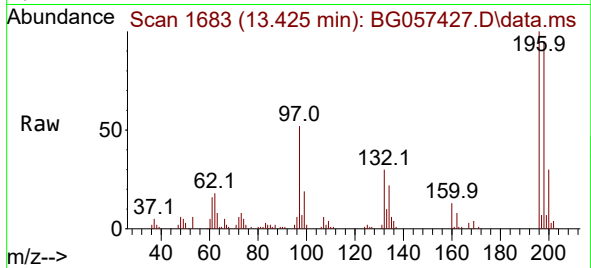




#43
 2,4,6-Trichlorophenol
 Concen: 50.554 ng
 RT: 13.425 min Scan# 1
 Delta R.T. -0.002 min
 Lab File: BG057427.D
 Acq: 13 May 2023 4:43

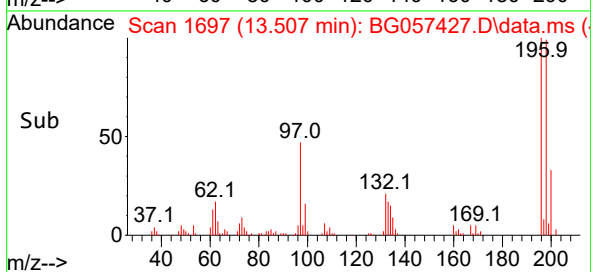
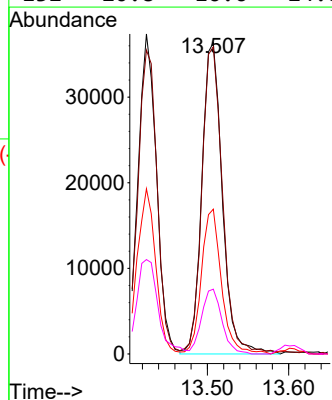
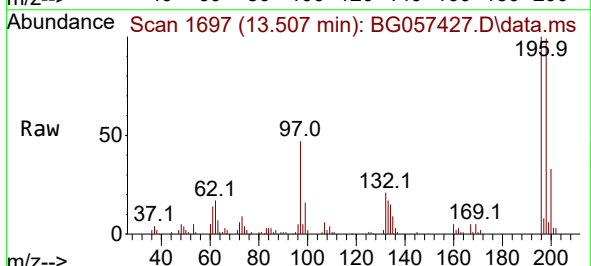
Instrument :
 BNA_G
 ClientSampleId :
 PB152629BS

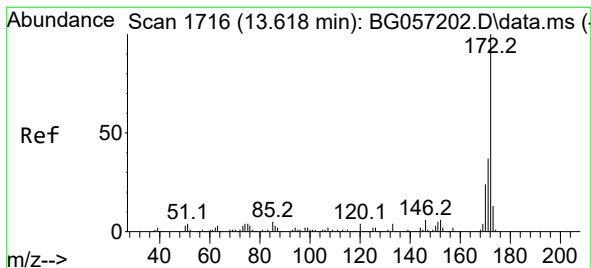
Tgt Ion:196 Resp: 59213
 Ion Ratio Lower Upper
 196 100
 198 94.9 81.2 121.8
 200 30.4 26.3 39.5



#44
 2,4,5-Trichlorophenol
 Concen: 46.127 ng
 RT: 13.507 min Scan# 1697
 Delta R.T. 0.004 min
 Lab File: BG057427.D
 Acq: 13 May 2023 4:43

Tgt Ion:196 Resp: 63552
 Ion Ratio Lower Upper
 196 100
 198 98.7 79.4 119.2
 97 46.5 37.0 55.4
 132 20.8 16.6 24.8





#45

2-Fluorobiphenyl

Concen: 89.602 ng

RT: 13.601 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

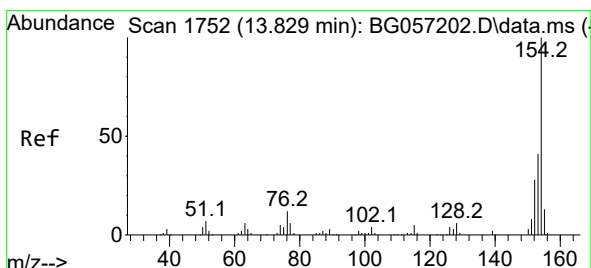
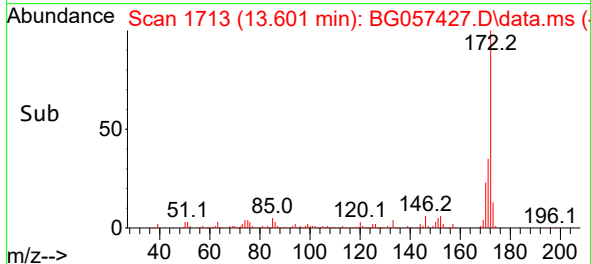
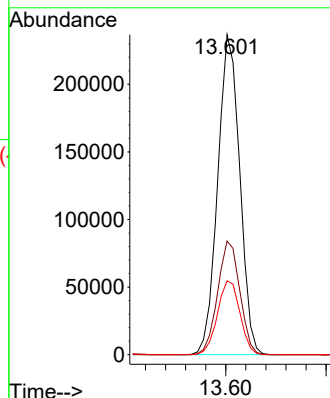
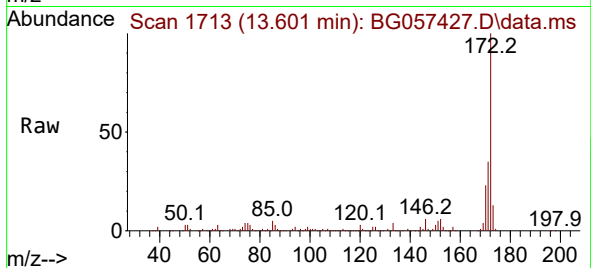
Tgt Ion:172 Resp: 360290

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

170 23.1 19.0 28.6



#46

1,1'-Biphenyl

Concen: 45.227 ng

RT: 13.813 min Scan# 1749

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

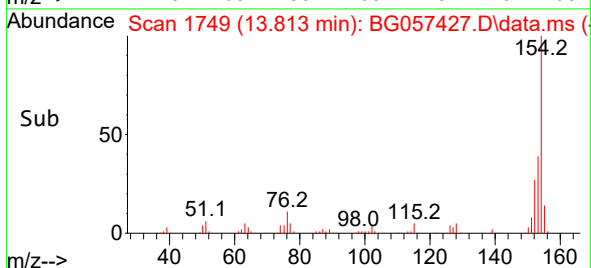
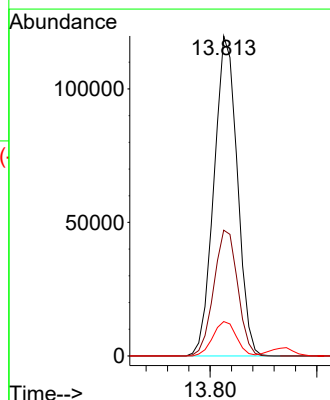
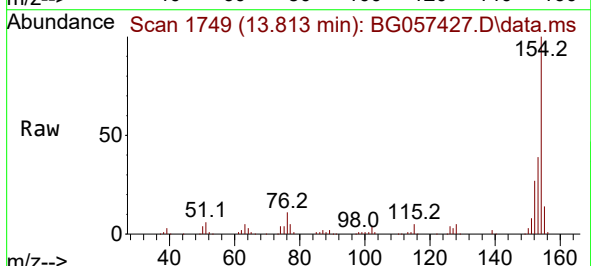
Tgt Ion:154 Resp: 181745

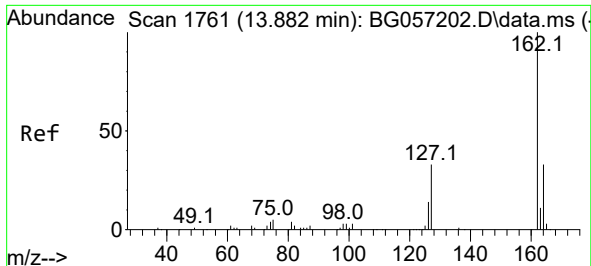
Ion Ratio Lower Upper

154 100

153 39.3 20.9 60.9

76 10.8 0.0 31.7

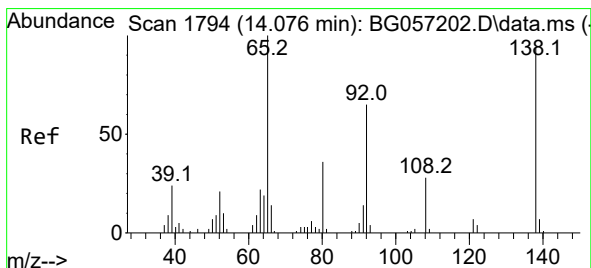
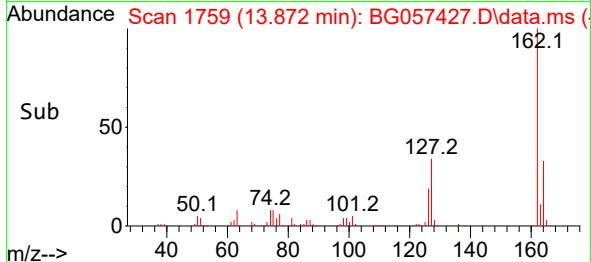
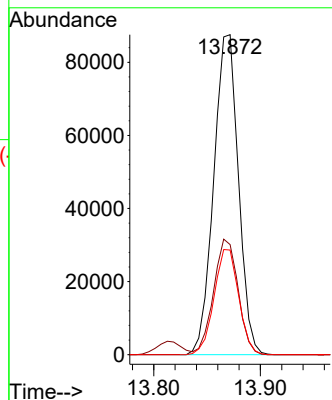
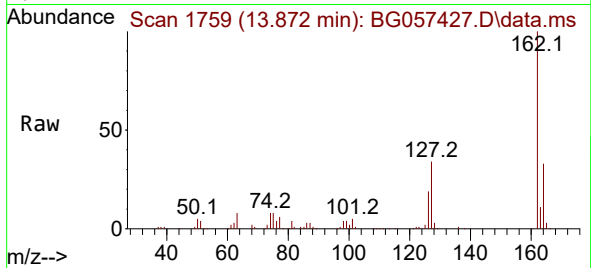




#47
2-Chloronaphthalene
Concen: 47.083 ng
RT: 13.872 min Scan# 1759
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

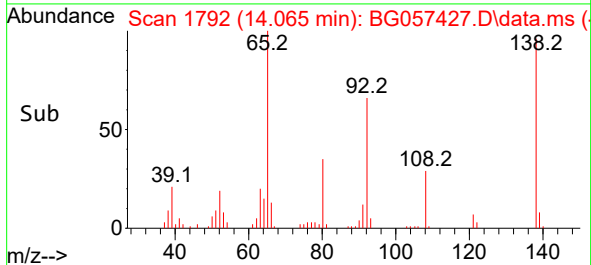
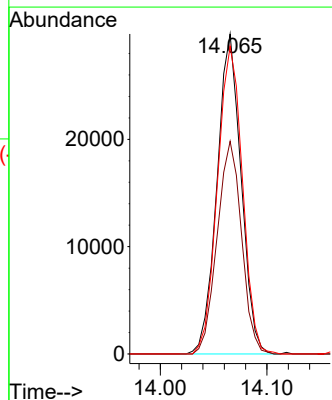
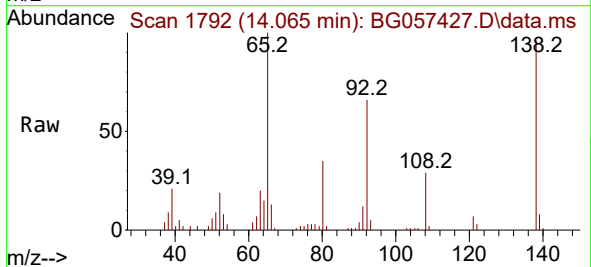
Instrument :
BNA_G
ClientSampleId :
PB152629BS

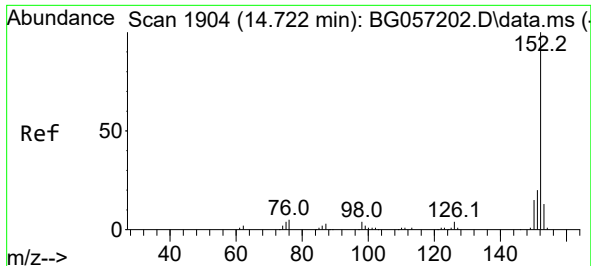
Tgt Ion:162 Resp: 140695
Ion Ratio Lower Upper
162 100
127 34.4 29.8 44.6
164 32.7 26.6 40.0



#48
2-Nitroaniline
Concen: 45.930 ng
RT: 14.065 min Scan# 1792
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 65 Resp: 46668
Ion Ratio Lower Upper
65 100
92 66.5 52.1 78.1
138 96.2 75.3 112.9

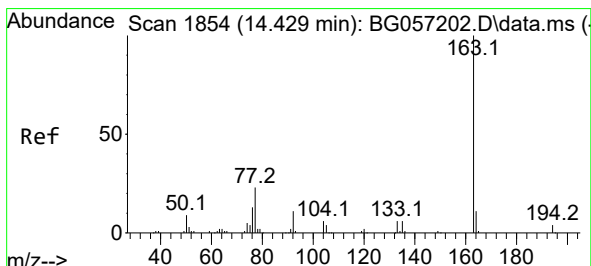
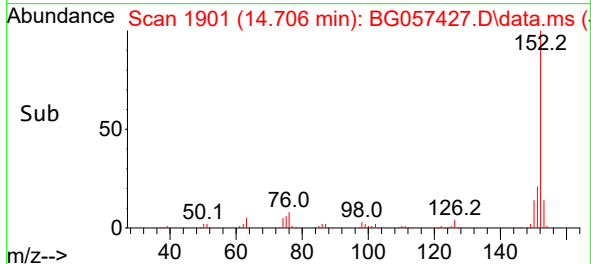
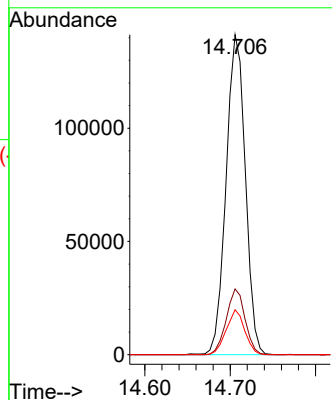
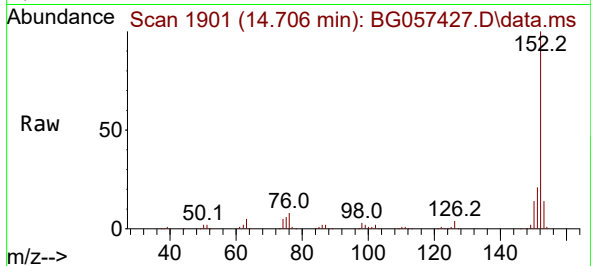




#49
Acenaphthylene
Concen: 45.668 ng
RT: 14.706 min Scan# 1901
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

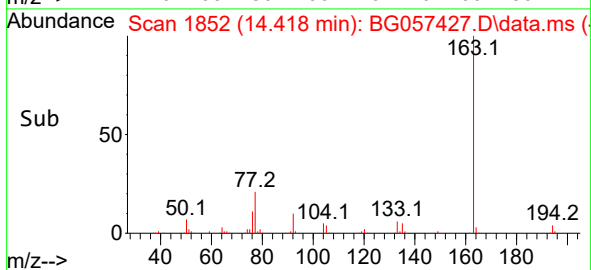
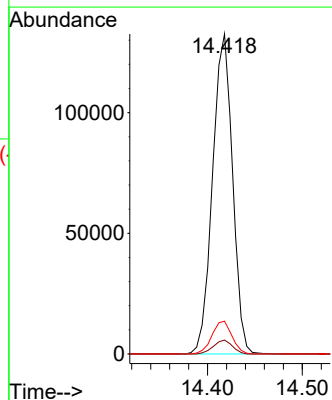
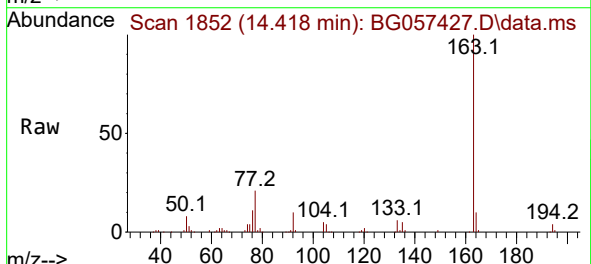
Instrument :
BNA_G
ClientSampleId :
PB152629BS

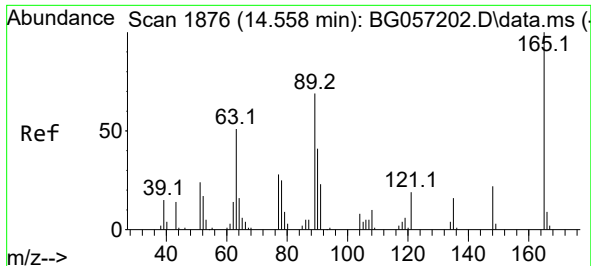
Tgt Ion:152 Resp: 221706
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 14.1 10.7 16.1



#50
Dimethylphthalate
Concen: 43.684 ng
RT: 14.418 min Scan# 1852
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:163 Resp: 194403
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.2 8.8 13.2

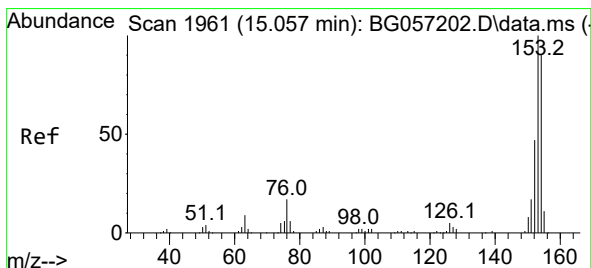
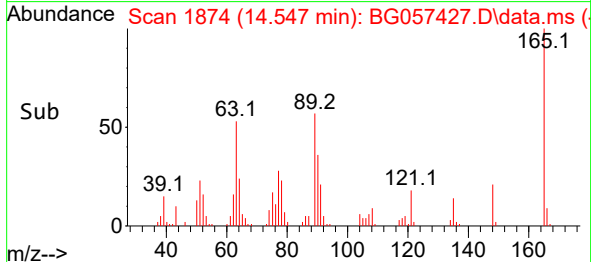
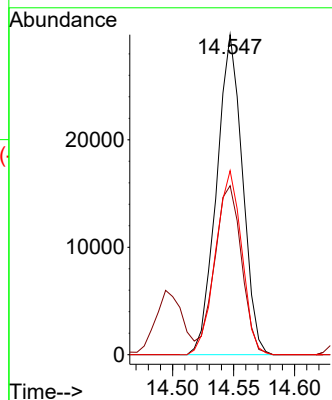
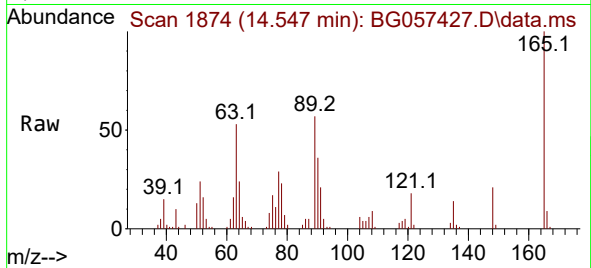




#51
2,6-Dinitrotoluene
Concen: 48.487 ng
RT: 14.547 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

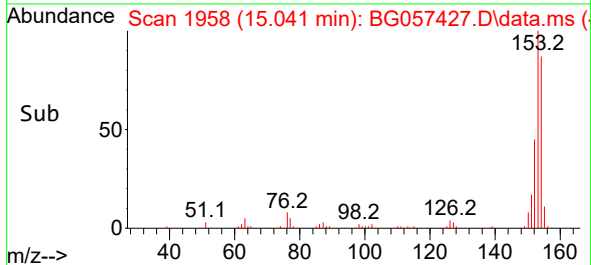
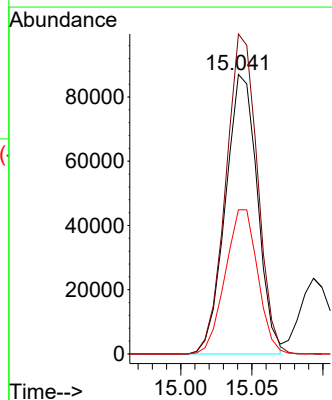
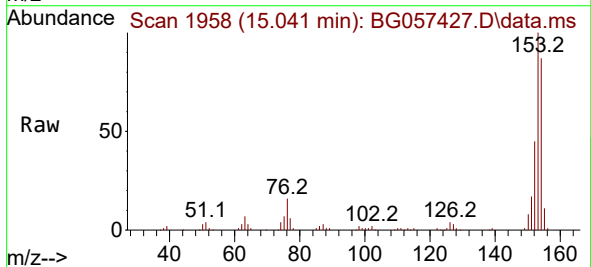
Instrument :
BNA_G
ClientSampleId :
PB152629BS

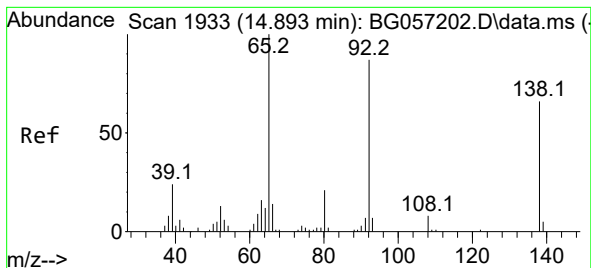
Tgt Ion:165 Resp: 44056
Ion Ratio Lower Upper
165 100
63 52.8 50.9 76.3
89 57.5 55.2 82.8



#52
Acenaphthene
Concen: 44.811 ng
RT: 15.041 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:154 Resp: 135940
Ion Ratio Lower Upper
154 100
153 114.5 89.3 133.9
152 51.6 41.7 62.5

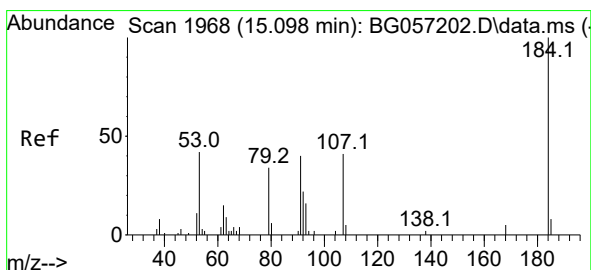
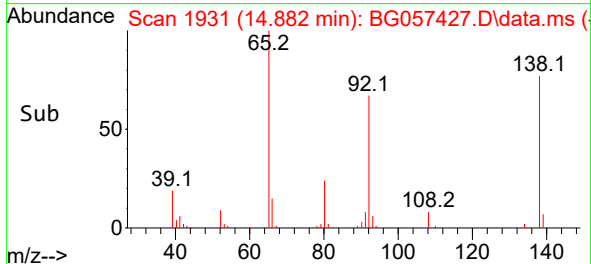
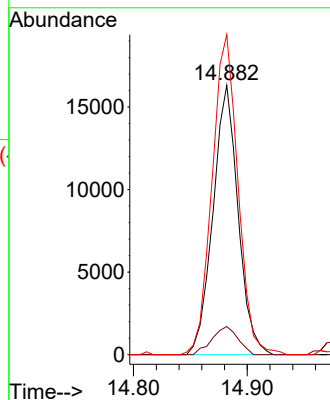
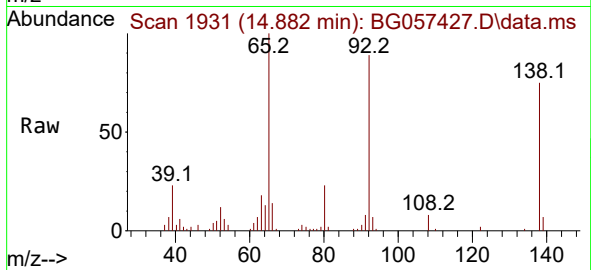




#53
3-Nitroaniline
Concen: 27.482 ng
RT: 14.882 min Scan# 1931
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

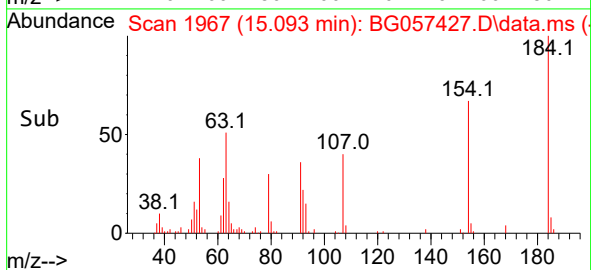
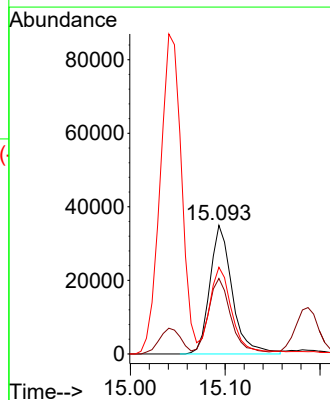
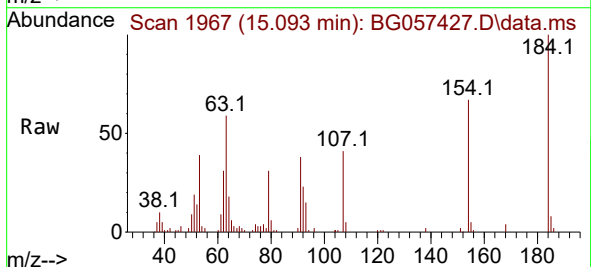
Instrument :
BNA_G
ClientSampleId :
PB152629BS

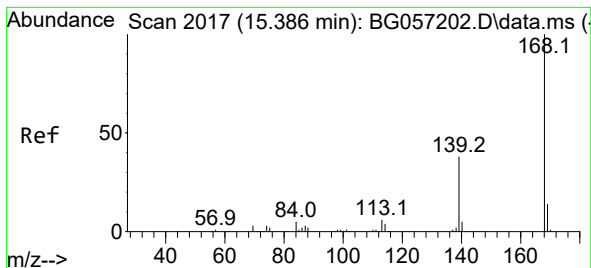
Tgt Ion:138 Resp: 25016
Ion Ratio Lower Upper
138 100
108 10.4 9.5 14.3
92 118.8 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 100.480 ng
RT: 15.093 min Scan# 1967
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:184 Resp: 57294
Ion Ratio Lower Upper
184 100
63 58.7 48.2 72.4
154 67.4 55.4 83.2





#55

Dibenzofuran

Concen: 45.696 ng

RT: 15.375 min Scan# 20

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

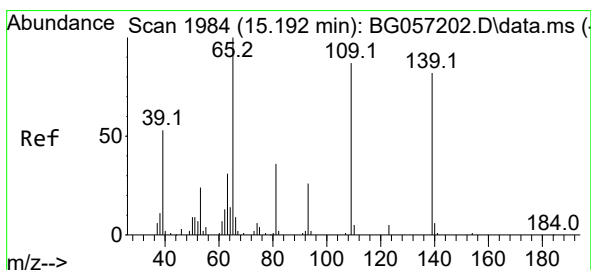
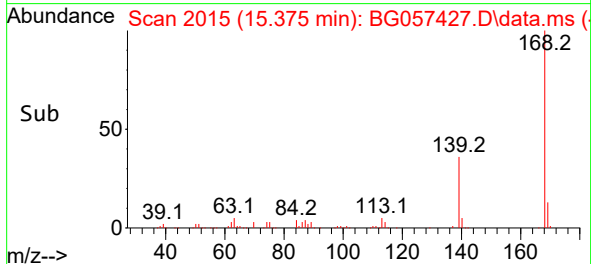
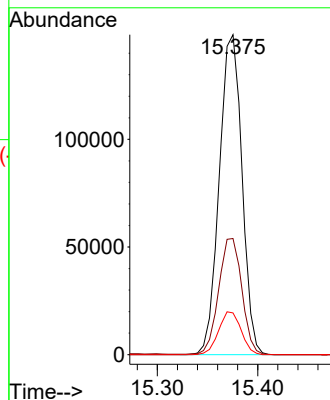
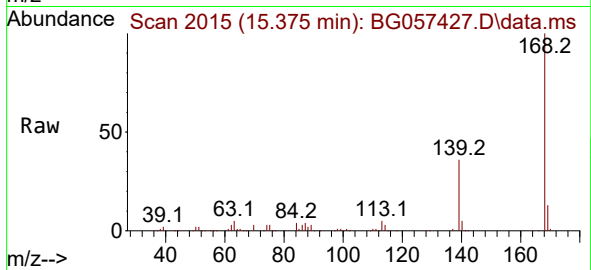
Tgt Ion:168 Resp: 232919

Ion Ratio Lower Upper

168 100

139 36.3 30.7 46.1

169 13.0 10.9 16.3



#56

4-Nitrophenol

Concen: 104.217 ng

RT: 15.187 min Scan# 1983

Delta R.T. 0.004 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

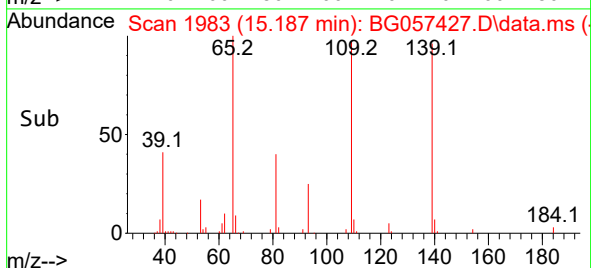
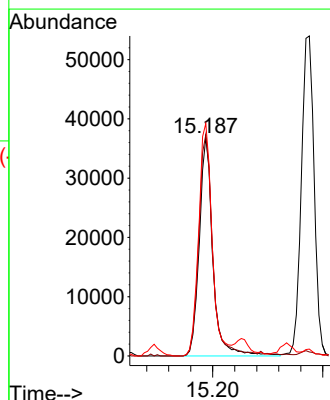
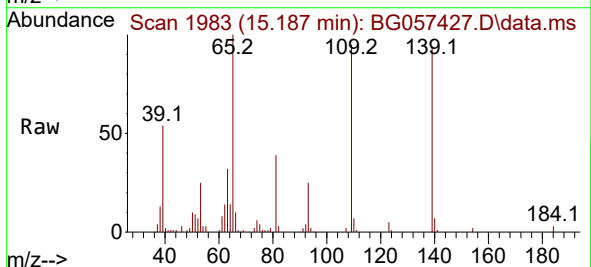
Tgt Ion:139 Resp: 63095

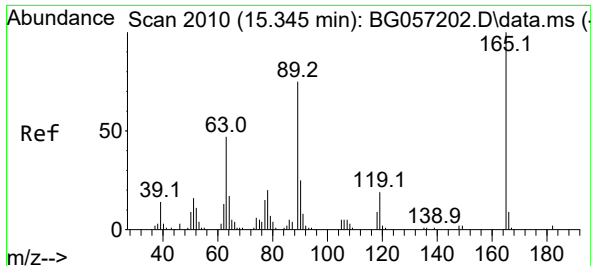
Ion Ratio Lower Upper

139 100

109 101.3 86.6 126.6

65 106.4 102.6 142.6





#57

2,4-Dinitrotoluene

Concen: 48.419 ng

RT: 15.334 min Scan# 2010

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

Tgt Ion:165 Resp: 62876

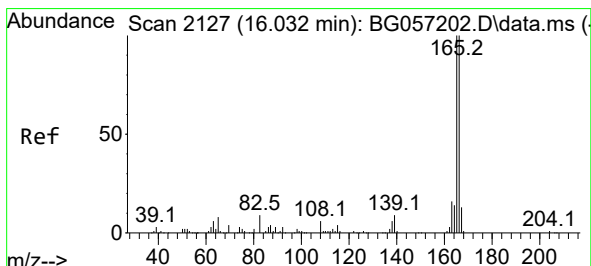
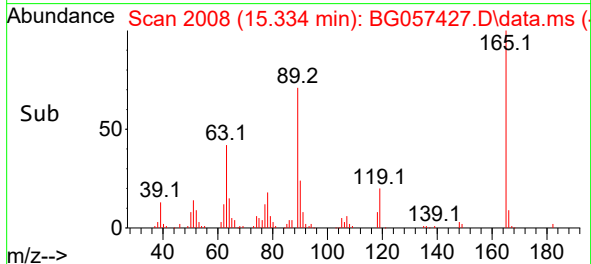
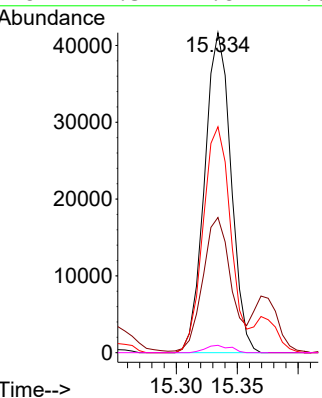
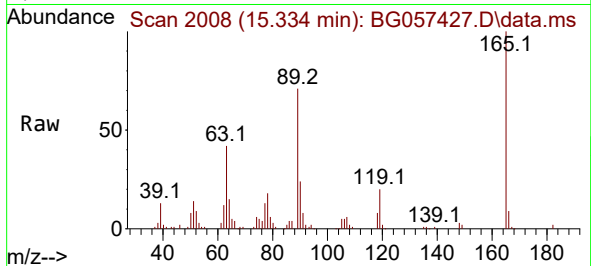
Ion Ratio Lower Upper

165 100

63 42.3 37.5 56.3

89 70.6 60.2 90.4

182 2.3 1.8 2.8



#58

Fluorene

Concen: 45.967 ng

RT: 16.022 min Scan# 2125

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

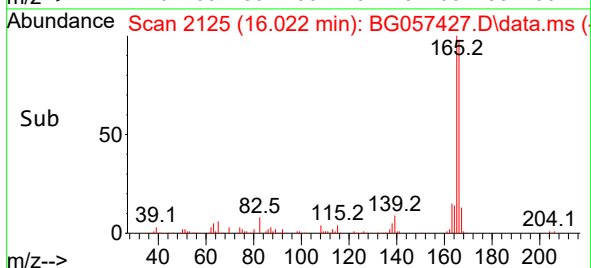
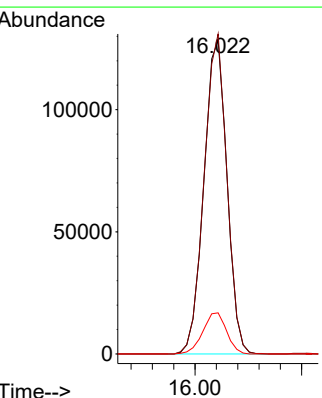
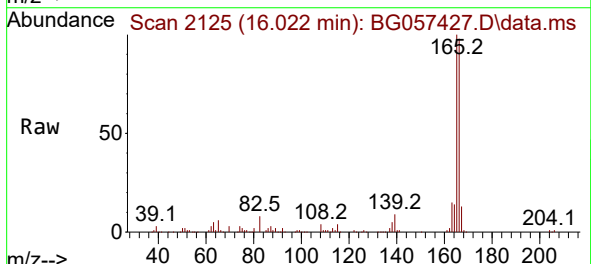
Tgt Ion:166 Resp: 192993

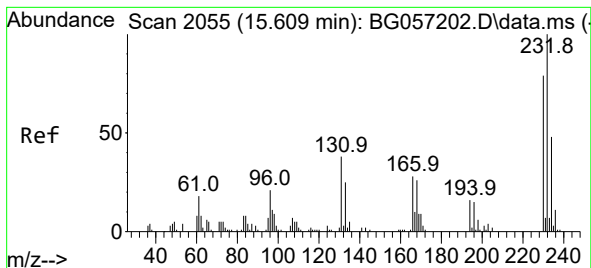
Ion Ratio Lower Upper

166 100

165 102.0 80.1 120.1

167 13.1 10.2 15.2

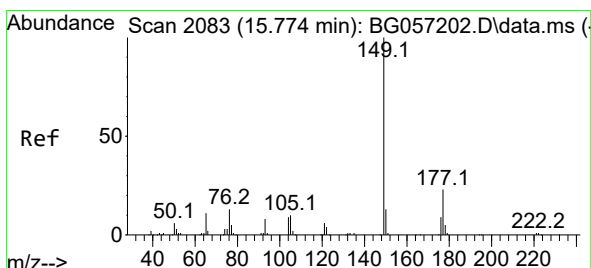
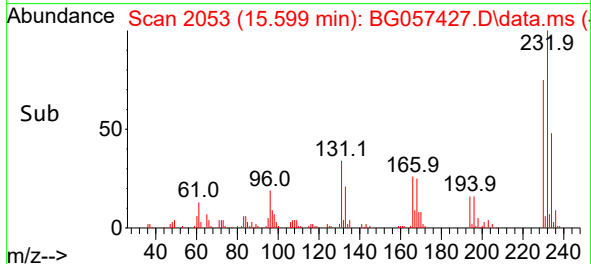
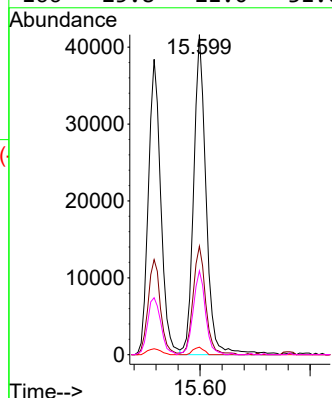
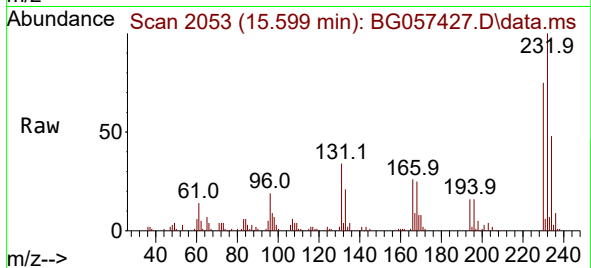




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.177 ng
RT: 15.599 min Scan# 2053
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

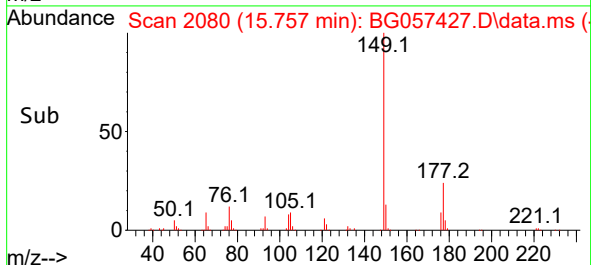
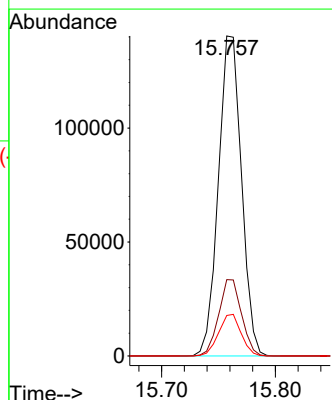
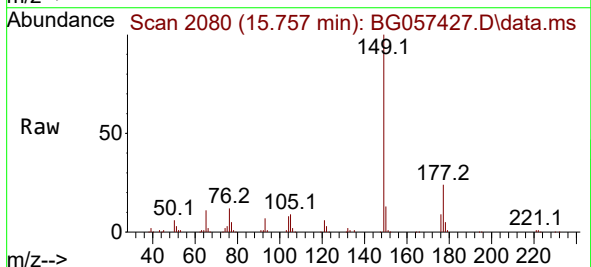
Instrument :
BNA_G
ClientSampleId :
PB152629BS

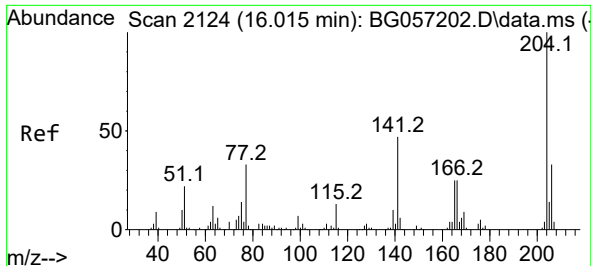
Tgt Ion:232 Resp: 65175
Ion Ratio Lower Upper
232 100
131 34.2 28.6 42.8
130 2.0 1.6 2.4
166 25.8 21.0 31.6



#60
Diethylphthalate
Concen: 43.969 ng
RT: 15.757 min Scan# 2080
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:149 Resp: 198712
Ion Ratio Lower Upper
149 100
177 23.8 18.3 27.5
150 12.6 10.1 15.1

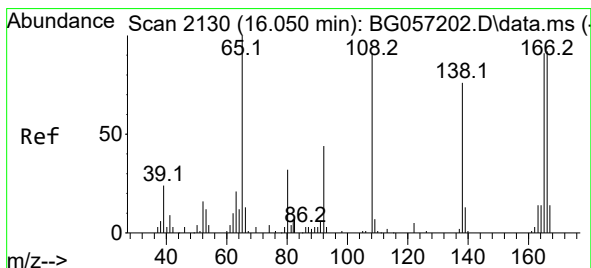
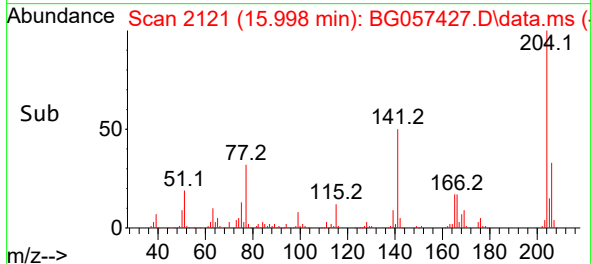
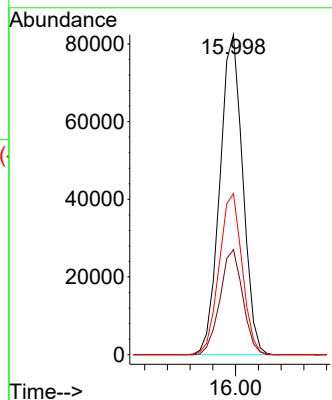
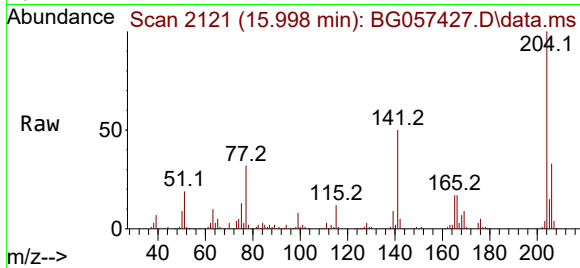




#61
4-Chlorophenyl-phenylether
Concen: 45.537 ng
RT: 15.998 min Scan# 2121
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

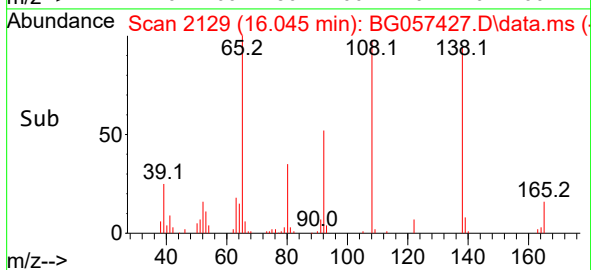
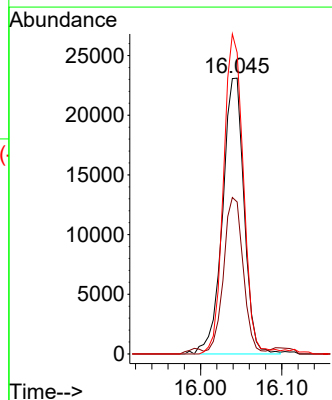
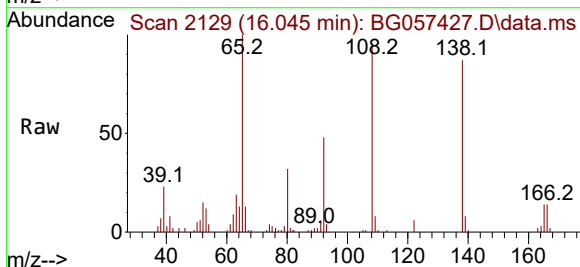
Instrument :
BNA_G
ClientSampleId :
PB152629BS

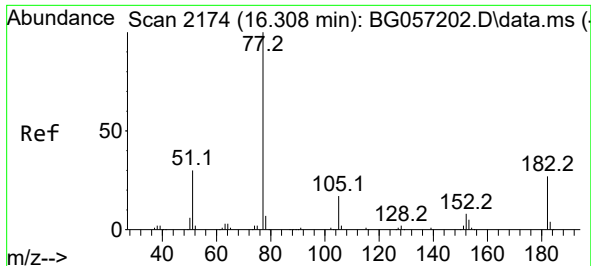
Tgt Ion:204 Resp: 115176
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 50.4 37.4 56.0



#62
4-Nitroaniline
Concen: 46.358 ng
RT: 16.045 min Scan# 2129
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:138 Resp: 42571
Ion Ratio Lower Upper
138 100
92 55.1 38.2 78.2
108 109.2 99.6 139.6

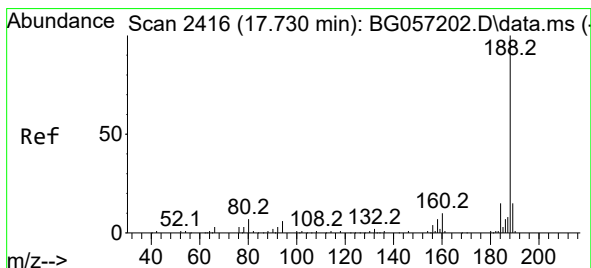
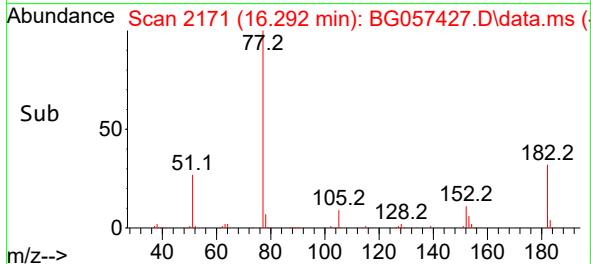
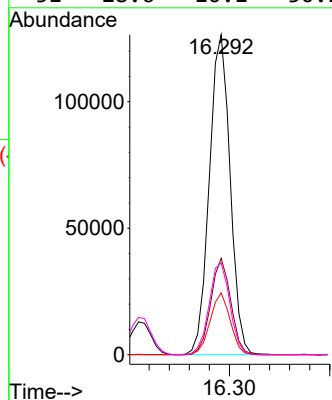
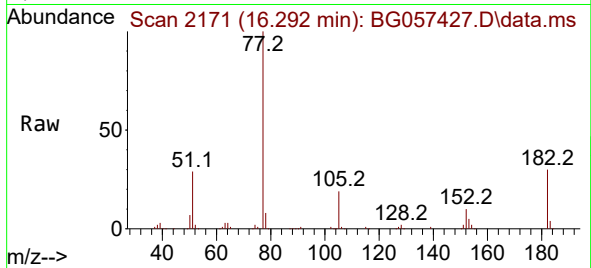




#63
Azobenzene
Concen: 41.878 ng
RT: 16.292 min Scan# 2174
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

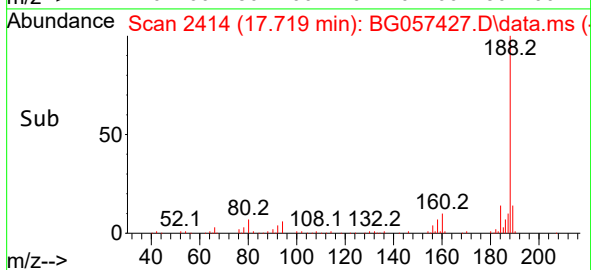
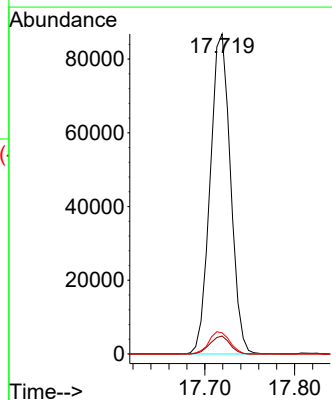
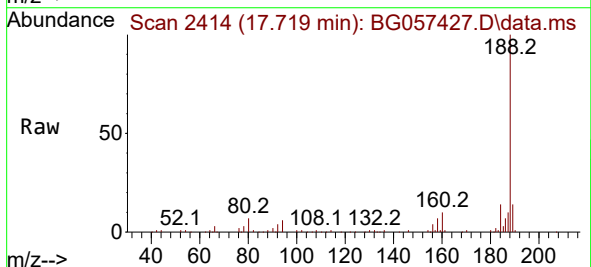
Instrument :
BNA_G
ClientSampleId :
PB152629BS

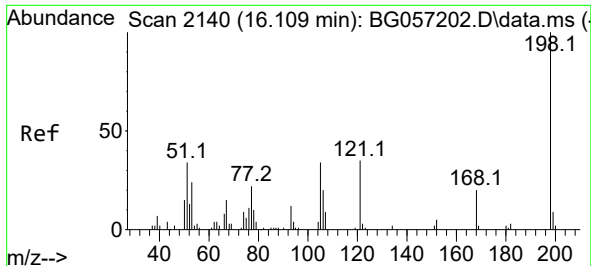
Tgt Ion: 77 Resp: 182612
Ion Ratio Lower Upper
77 100
182 30.1 7.4 47.4
105 19.3 0.0 37.2
51 28.6 10.1 50.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.719 min Scan# 2414
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion: 188 Resp: 136294
Ion Ratio Lower Upper
188 100
94 5.6 5.1 7.7
80 6.6 5.7 8.5

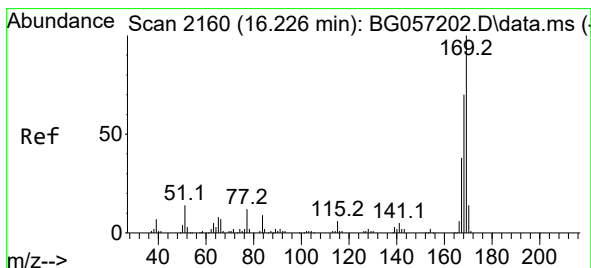
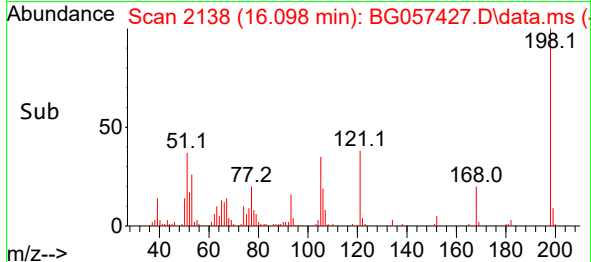
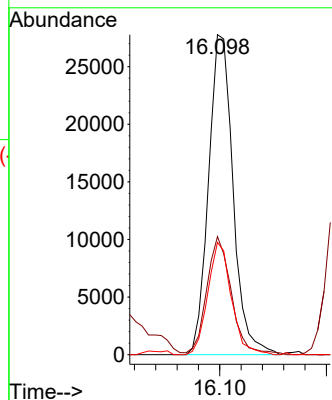
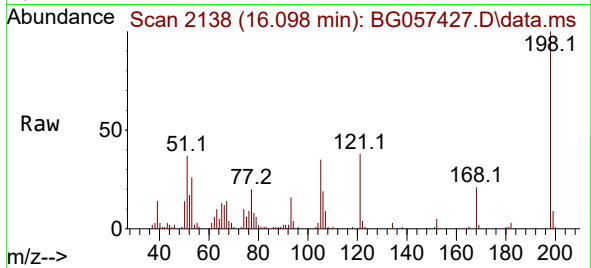




#65
4,6-Dinitro-2-methylphenol
Concen: 54.426 ng
RT: 16.098 min Scan# 2140
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

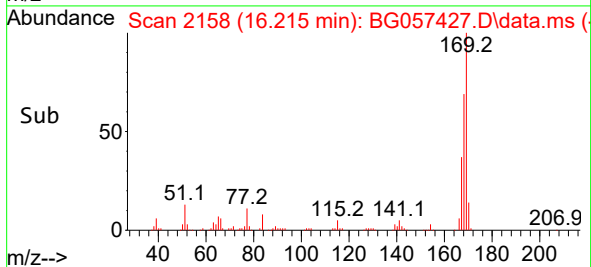
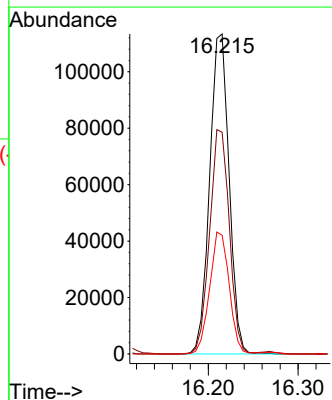
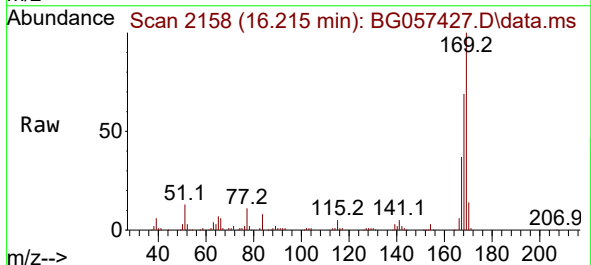
Instrument :
BNA_G
ClientSampleId :
PB152629BS

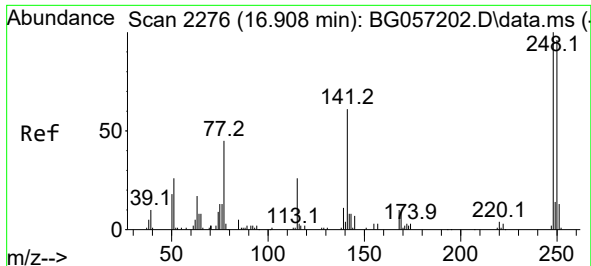
Tgt Ion:198 Resp: 44288
Ion Ratio Lower Upper
198 100
51 36.9 16.1 56.1
105 35.1 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 46.028 ng
RT: 16.215 min Scan# 2158
Delta R.T. 0.004 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:169 Resp: 170383
Ion Ratio Lower Upper
169 100
168 69.3 56.2 84.4
167 37.1 30.2 45.4

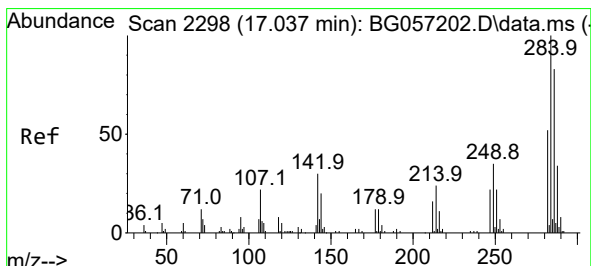
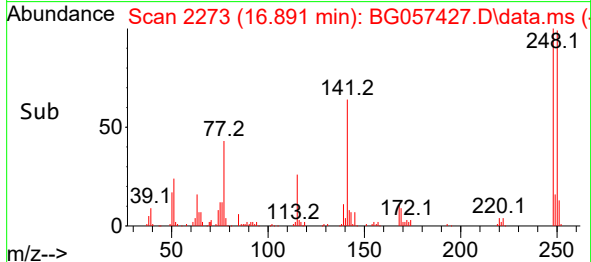
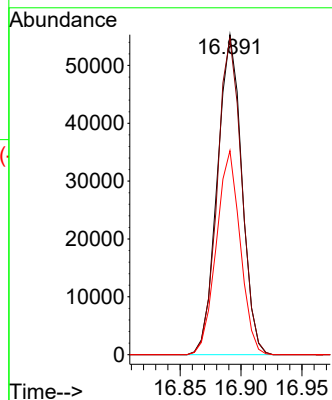
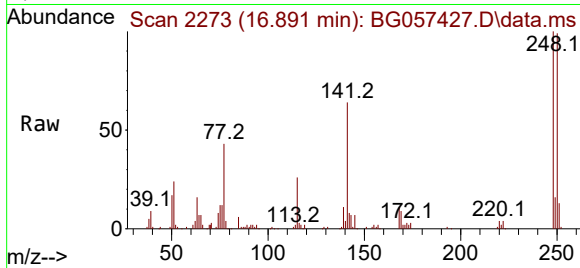




#67
4-Bromophenyl-phenylether
Concen: 46.398 ng
RT: 16.891 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

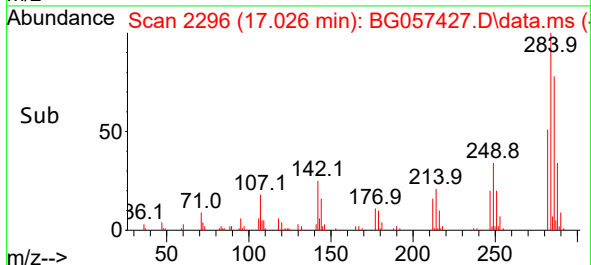
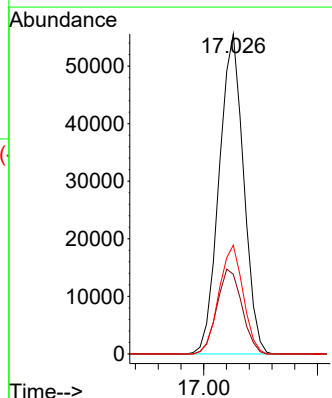
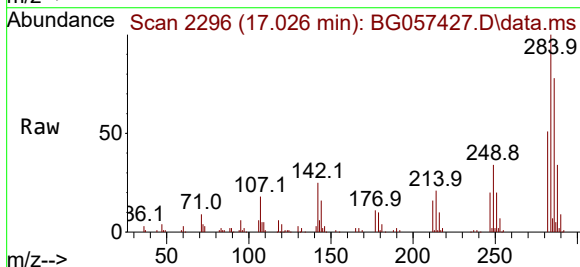
Instrument :
BNA_G
ClientSampleId :
PB152629BS

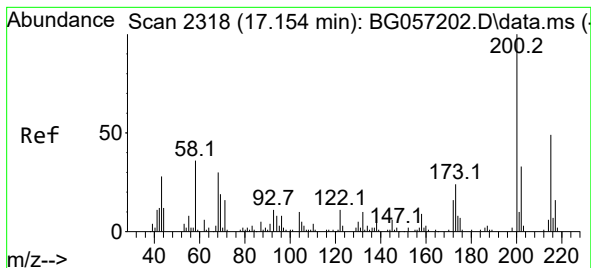
Tgt Ion:248 Resp: 77197
Ion Ratio Lower Upper
248 100
250 98.9 77.0 115.6
141 63.8 48.6 72.8



#68
Hexachlorobenzene
Concen: 51.330 ng
RT: 17.026 min Scan# 2296
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:284 Resp: 82993
Ion Ratio Lower Upper
284 100
142 24.9 23.9 35.9
249 34.0 27.7 41.5





#69

Atrazine

Concen: 50.806 ng

RT: 17.144 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

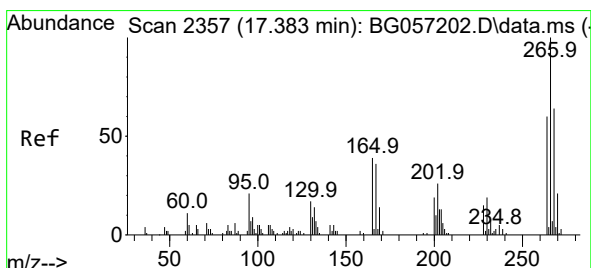
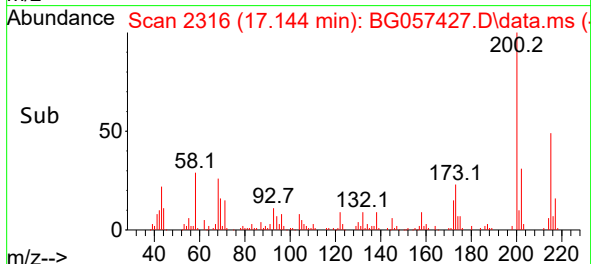
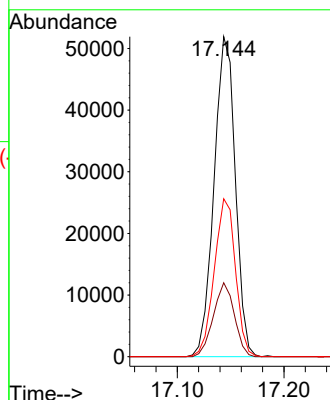
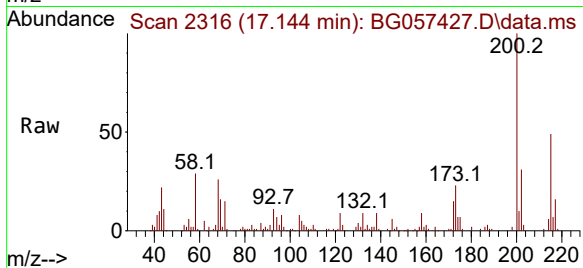
Tgt Ion:200 Resp: 71743

Ion Ratio Lower Upper

200 100

173 23.1 4.3 44.3

215 49.4 29.3 69.3



#70

Pentachlorophenol

Concen: 92.062 ng

RT: 17.367 min Scan# 2354

Delta R.T. -0.008 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

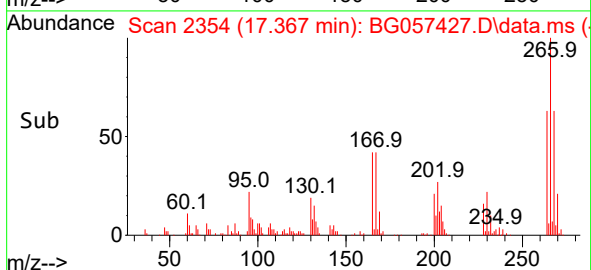
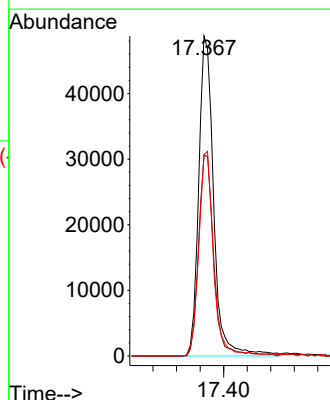
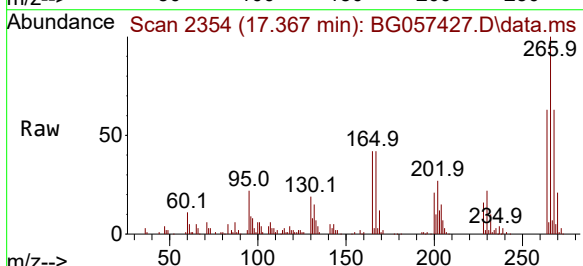
Tgt Ion:266 Resp: 85785

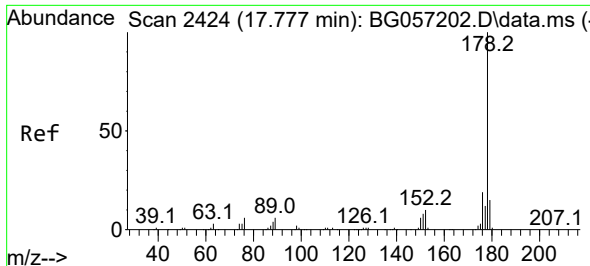
Ion Ratio Lower Upper

266 100

268 62.8 51.0 76.6

264 62.9 47.8 71.6

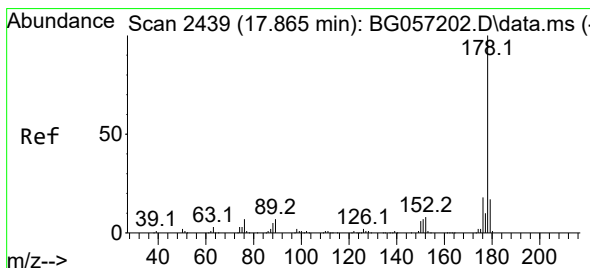
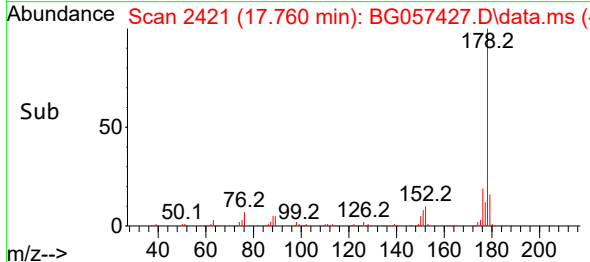
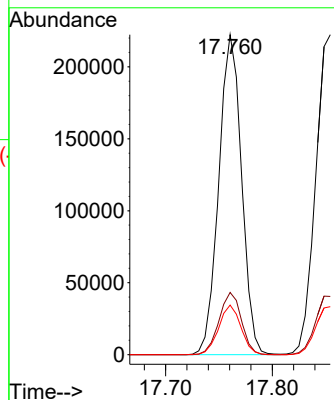
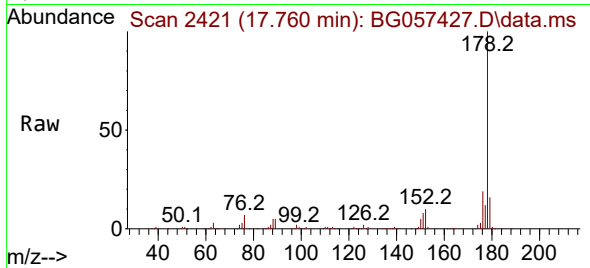




#71
 Phenanthrene
 Concen: 47.218 ng
 RT: 17.760 min Scan# 24
 Delta R.T. -0.002 min
 Lab File: BG057427.D
 Acq: 13 May 2023 4:43

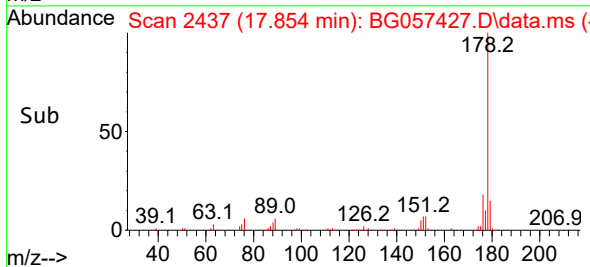
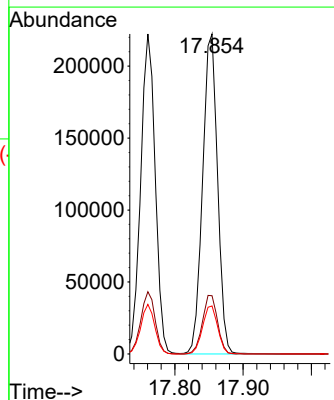
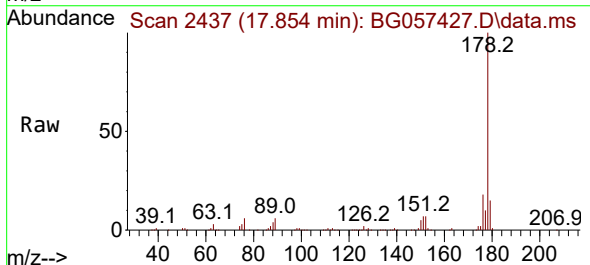
Instrument :
 BNA_G
 ClientSampleId :
 PB152629BS

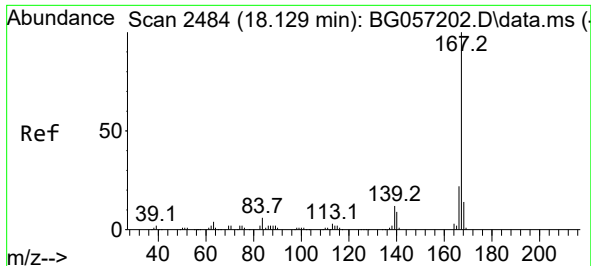
Tgt Ion:178 Resp: 329766
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.4 23.2
 179 15.5 12.3 18.5



#72
 Anthracene
 Concen: 47.212 ng
 RT: 17.854 min Scan# 2437
 Delta R.T. 0.004 min
 Lab File: BG057427.D
 Acq: 13 May 2023 4:43

Tgt Ion:178 Resp: 338331
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.7 22.1
 179 15.0 13.2 19.8

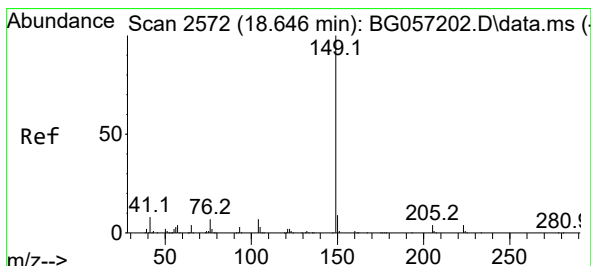
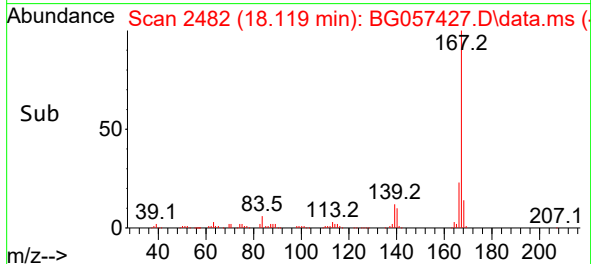
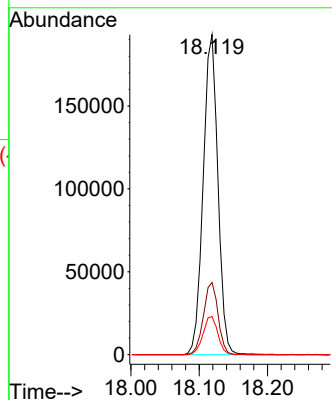
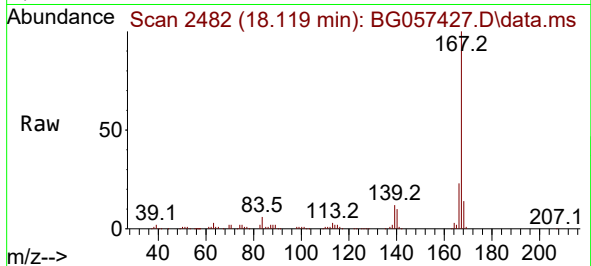




#73
Carbazole
Concen: 47.999 ng
RT: 18.119 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

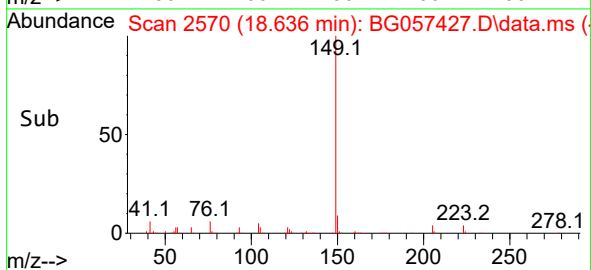
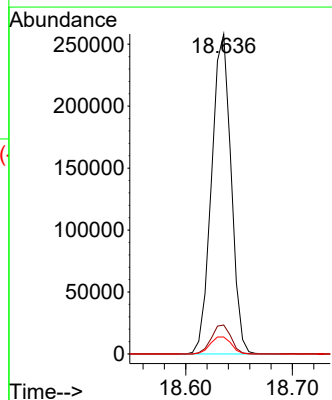
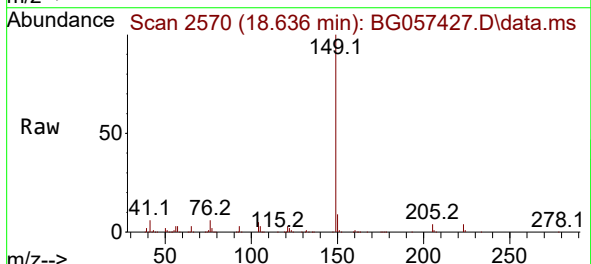
Instrument :
BNA_G
ClientSampleId :
PB152629BS

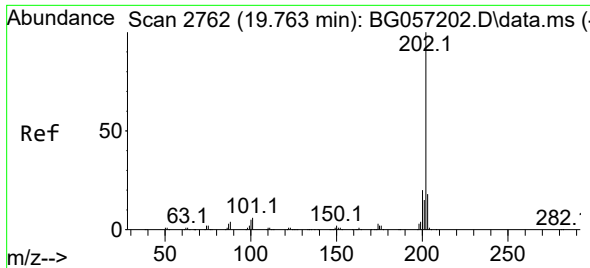
Tgt Ion:167 Resp: 289573
Ion Ratio Lower Upper
167 100
166 22.5 17.4 26.0
139 11.9 9.6 14.4



#74
Di-n-butylphthalate
Concen: 47.239 ng
RT: 18.636 min Scan# 2570
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:149 Resp: 327898
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.3 5.4 8.2#

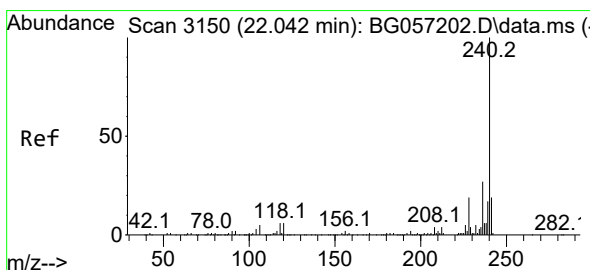
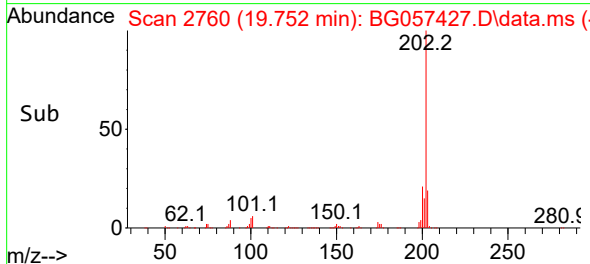
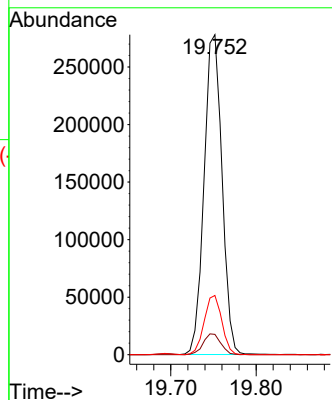
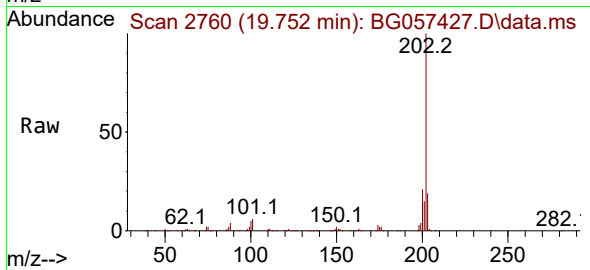




#75
Fluoranthene
Concen: 46.768 ng
RT: 19.752 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

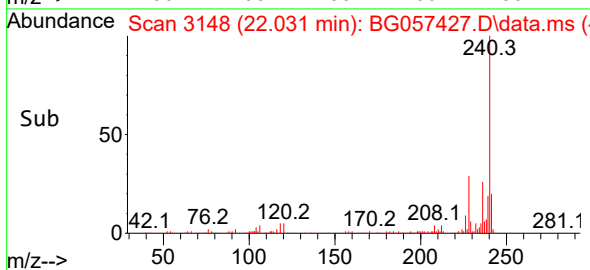
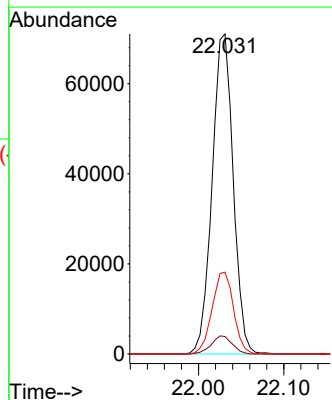
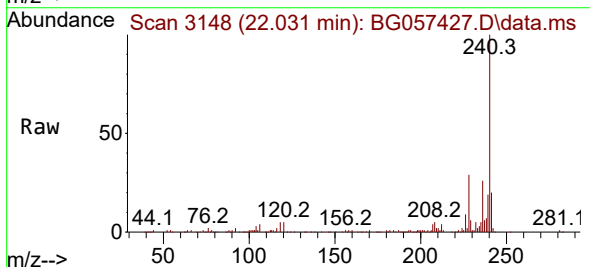
Instrument :
BNA_G
ClientSampleId :
PB152629BS

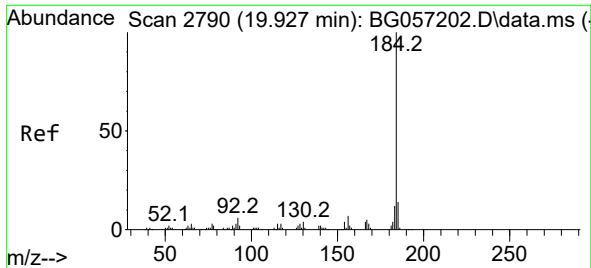
Tgt Ion:202 Resp: 406241
Ion Ratio Lower Upper
202 100
101 6.4 0.0 26.2
203 18.5 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.031 min Scan# 3148
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:240 Resp: 121976
Ion Ratio Lower Upper
240 100
120 5.4 4.9 7.3
236 25.5 21.4 32.2

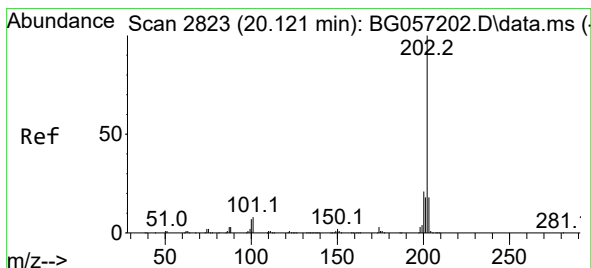
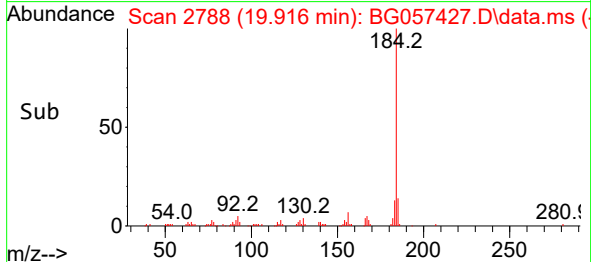
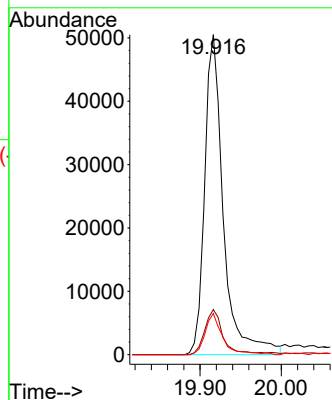
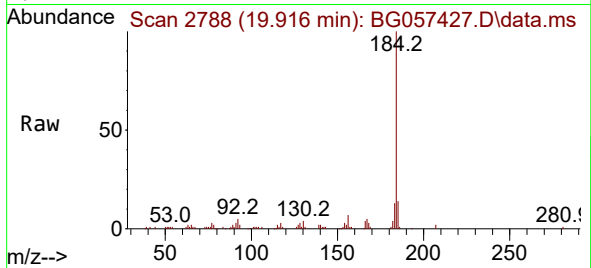




#77
Benzidine
Concen: 29.553 ng
RT: 19.916 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

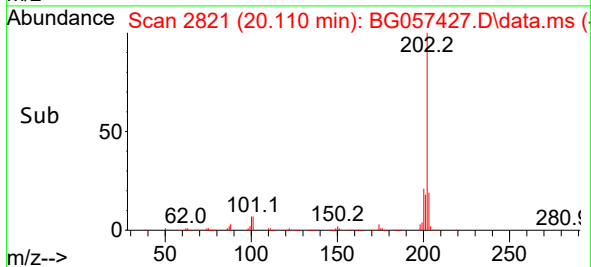
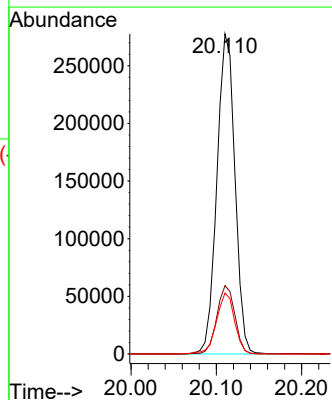
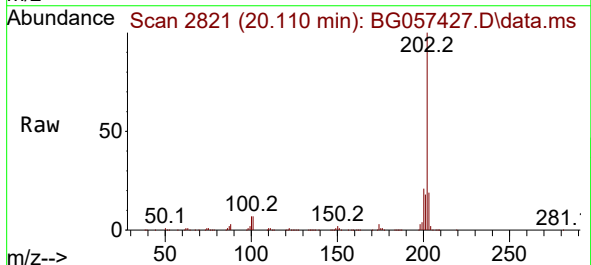
Instrument :
BNA_G
ClientSampleId :
PB152629BS

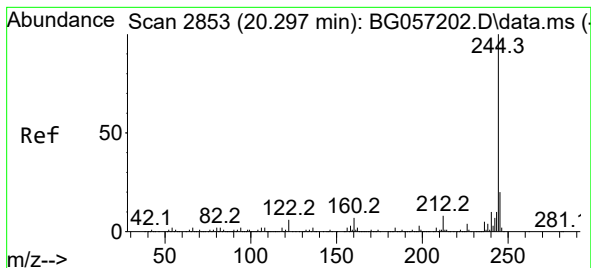
Tgt Ion:184 Resp: 80589
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 12.9 9.9 14.9



#78
Pyrene
Concen: 45.987 ng
RT: 20.110 min Scan# 2821
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:202 Resp: 407607
Ion Ratio Lower Upper
202 100
200 21.4 17.0 25.4
203 19.1 14.2 21.4





#79

Terphenyl-d14

Concen: 95.788 ng

RT: 20.286 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

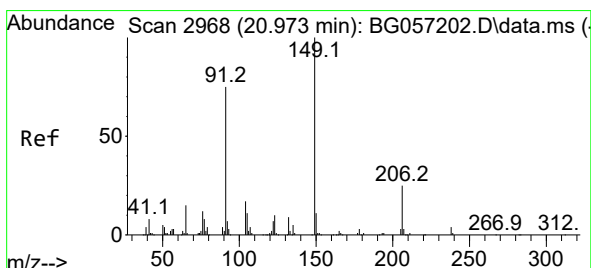
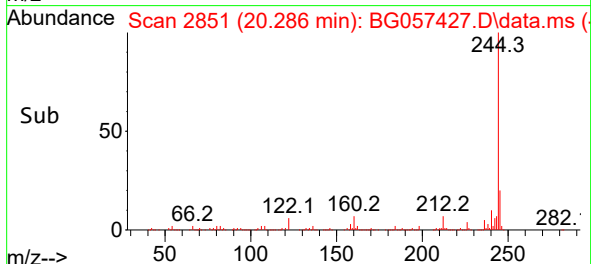
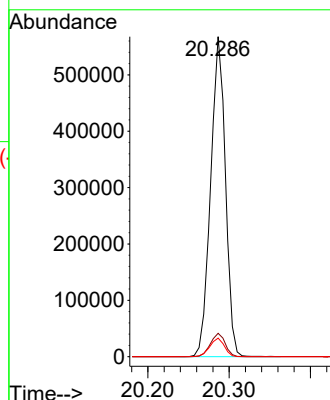
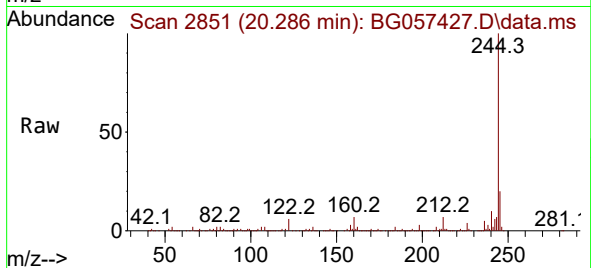
Tgt Ion:244 Resp: 715958

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 5.8 5.1 7.7



#80

Butylbenzylphthalate

Concen: 50.745 ng

RT: 20.962 min Scan# 2966

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

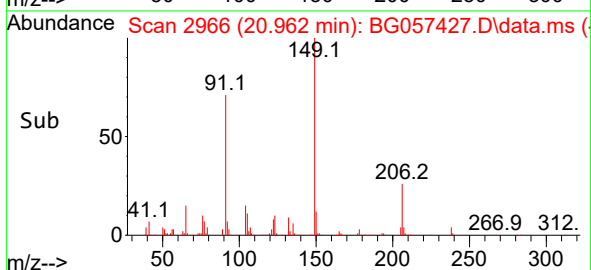
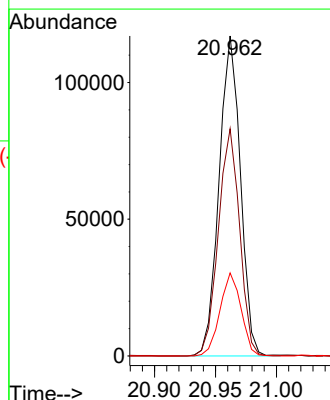
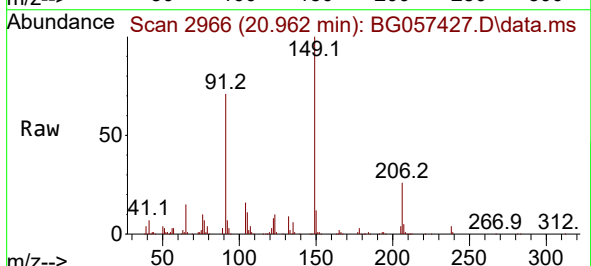
Tgt Ion:149 Resp: 142711

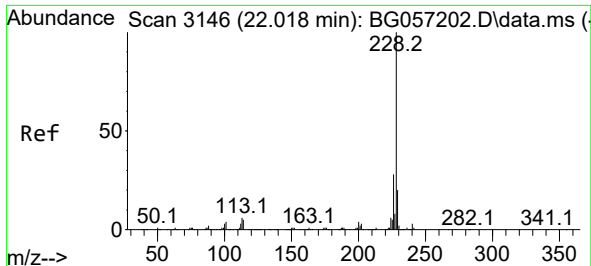
Ion Ratio Lower Upper

149 100

91 71.0 59.7 89.5

206 25.9 19.7 29.5

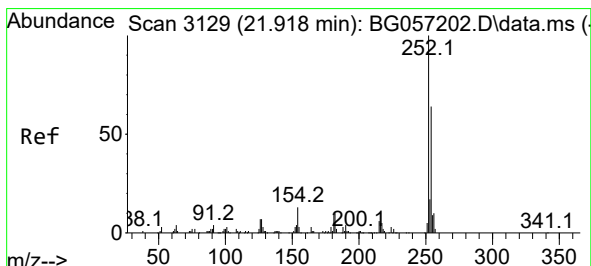
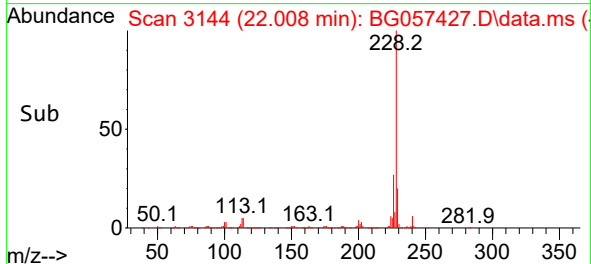
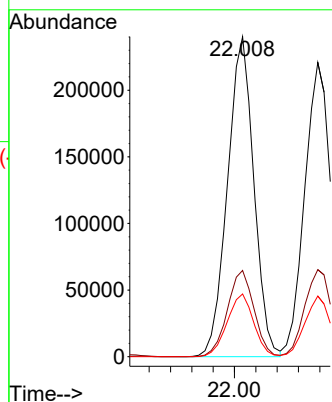
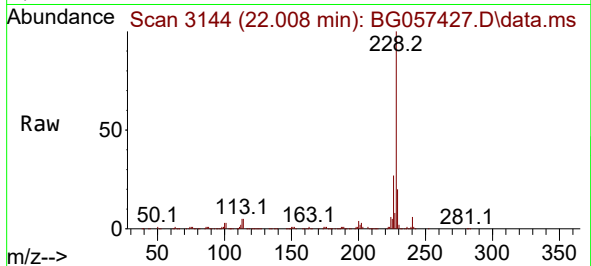




#81
Benzo(a)anthracene
Concen: 47.482 ng
RT: 22.008 min Scan# 3146
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

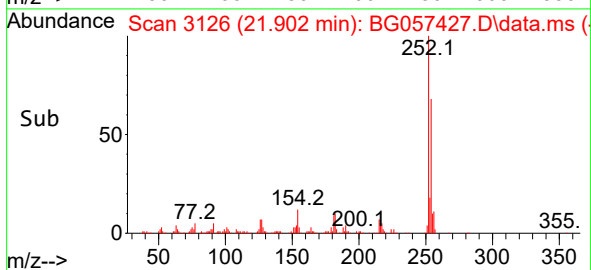
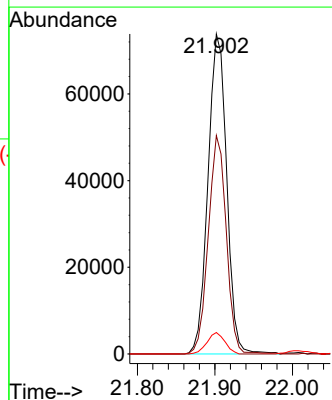
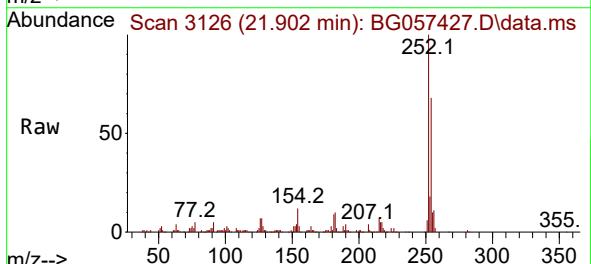
Instrument :
BNA_G
ClientSampleId :
PB152629BS

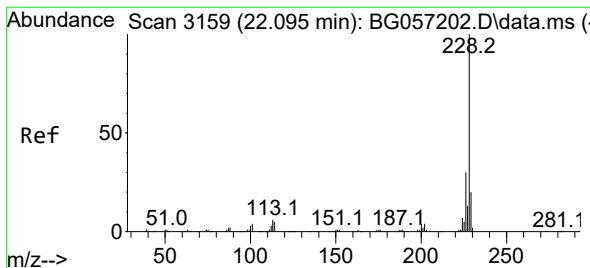
Tgt Ion:228 Resp: 412639
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 44.484 ng
RT: 21.902 min Scan# 3126
Delta R.T. -0.002 min
Lab File: BG057427.D
Acq: 13 May 2023 4:43

Tgt Ion:252 Resp: 123823
Ion Ratio Lower Upper
252 100
254 68.3 51.4 77.0
126 6.7 5.9 8.9





#83

Chrysene

Concen: 45.981 ng

RT: 22.078 min Scan# 3117

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

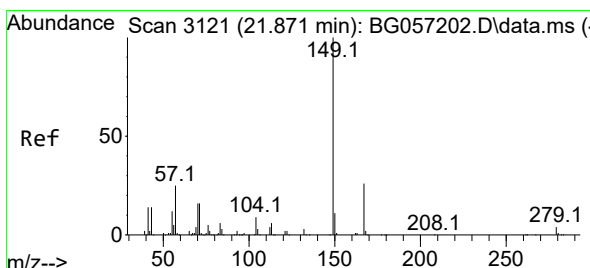
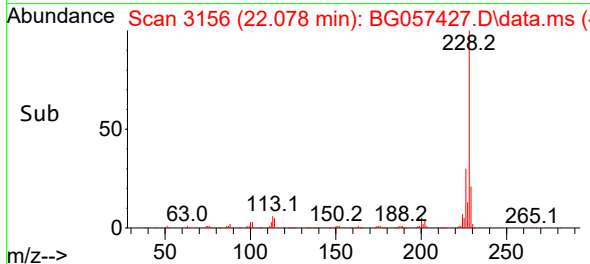
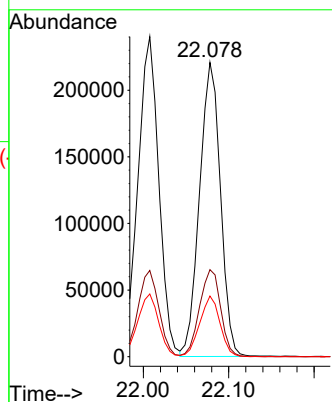
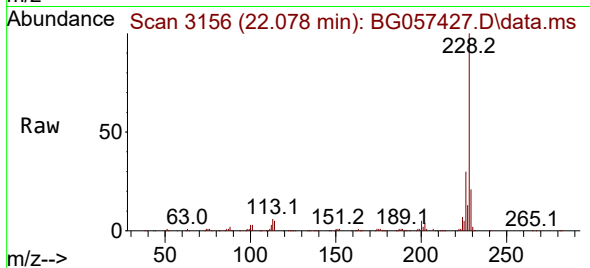
Tgt Ion:228 Resp: 375966

Ion Ratio Lower Upper

228 100

226 29.6 24.3 36.5

229 20.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.084 ng

RT: 21.849 min Scan# 3117

Delta R.T. -0.008 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

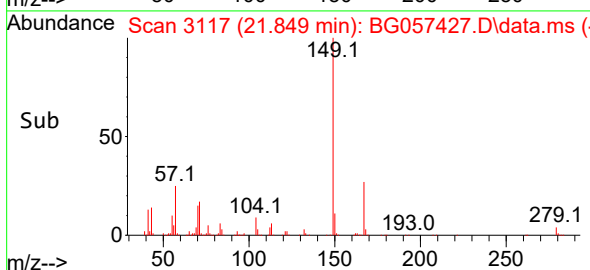
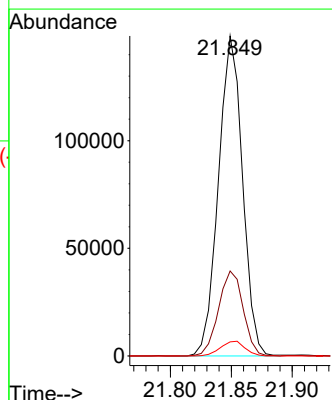
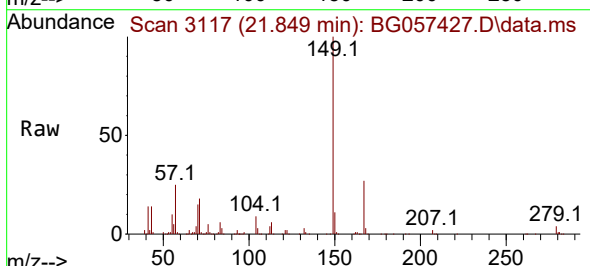
Tgt Ion:149 Resp: 204238

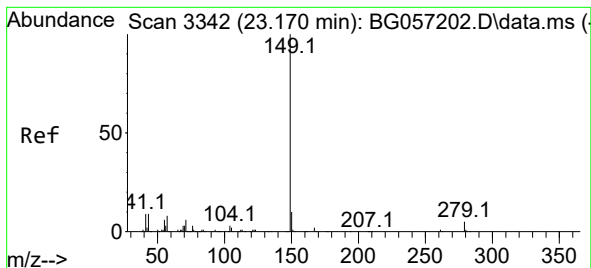
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 50.493 ng

RT: 23.147 min Scan# 31

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

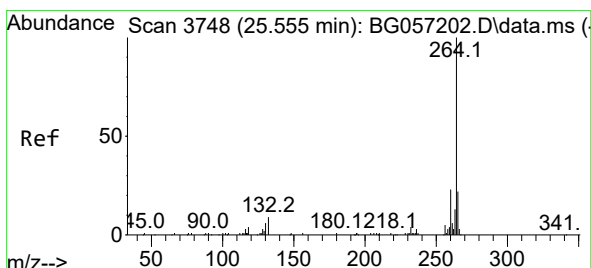
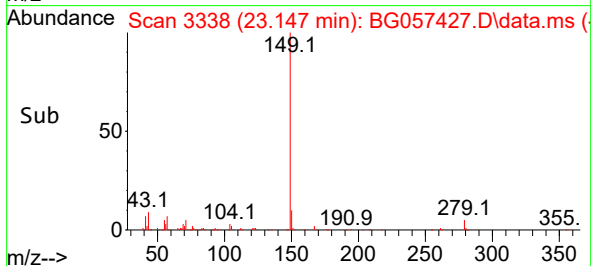
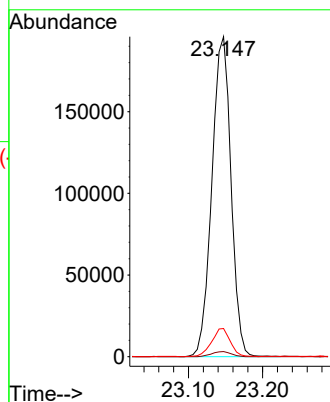
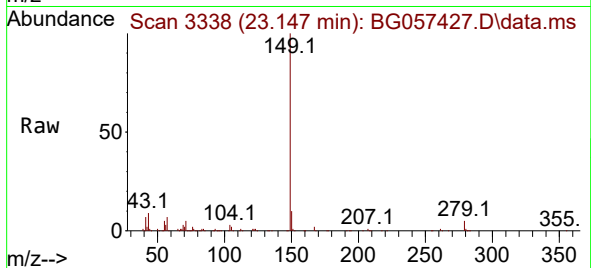
Tgt Ion:149 Resp: 350266

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: 25.532 min Scan# 3744

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

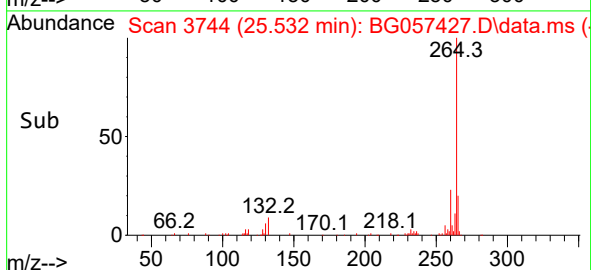
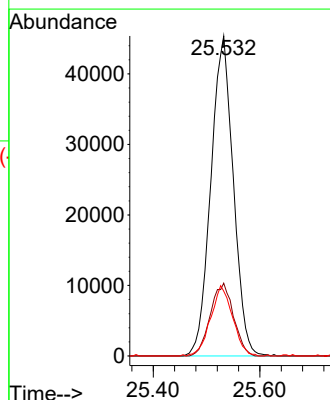
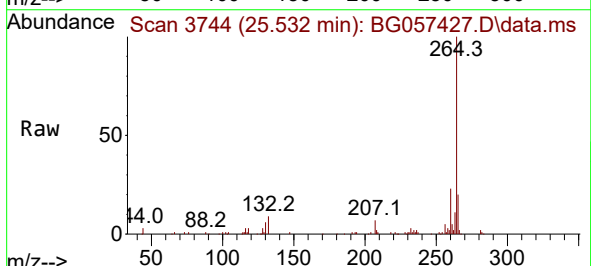
Tgt Ion:264 Resp: 132525

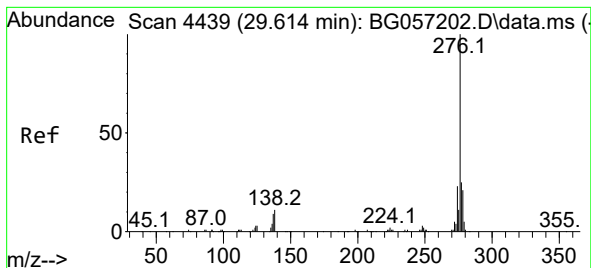
Ion Ratio Lower Upper

264 100

260 22.8 18.8 28.2

265 20.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.038 ng

RT: 29.586 min Scan# 4434

Delta R.T. -0.014 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

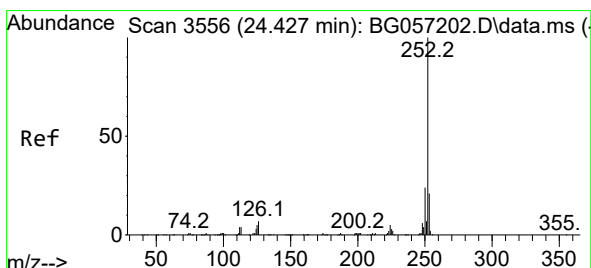
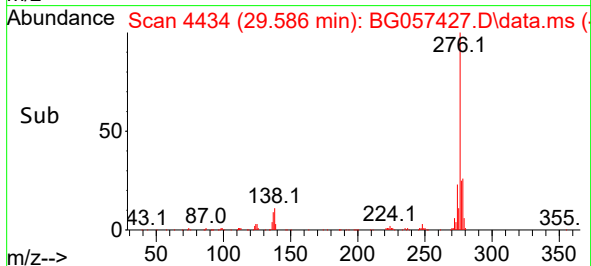
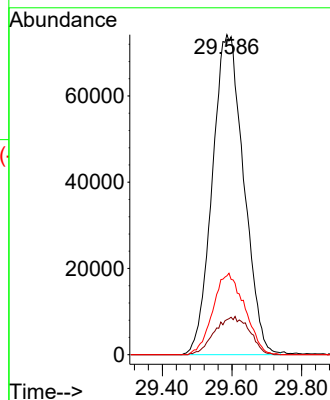
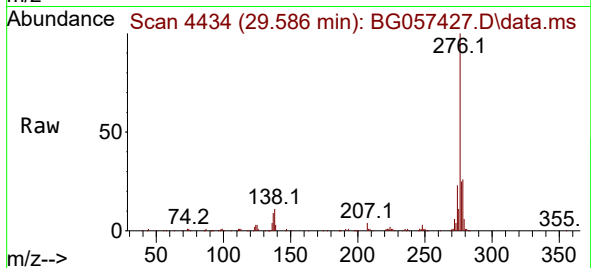
Tgt Ion:276 Resp: 463977

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0#

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 49.445 ng

RT: 24.410 min Scan# 3553

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

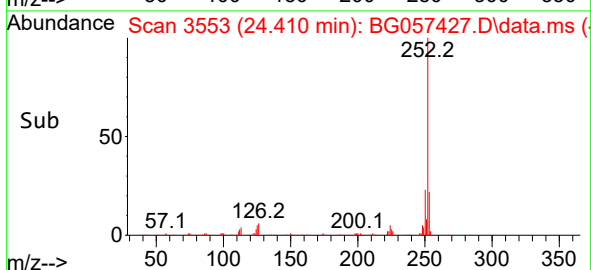
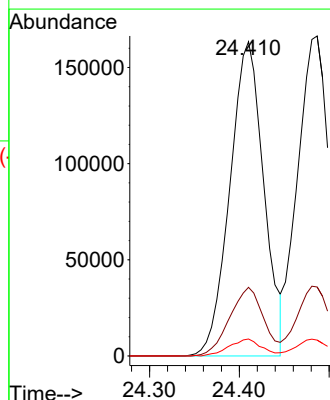
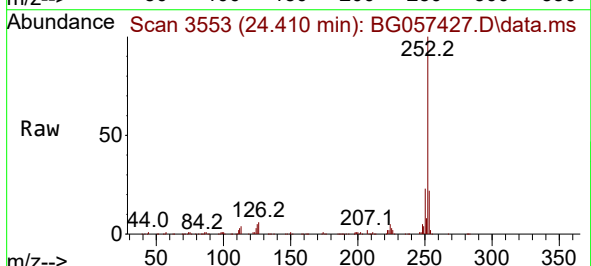
Tgt Ion:252 Resp: 428346

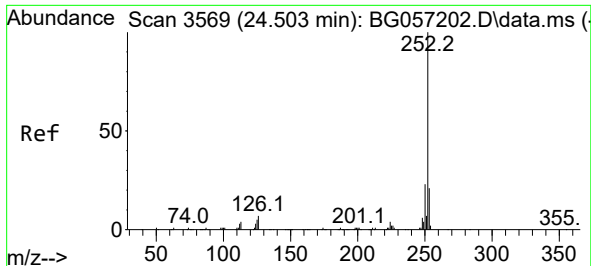
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 5.4 4.2 6.2





#89

Benzo(k)fluoranthene

Concen: 46.904 ng

RT: 24.487 min Scan# 3

Delta R.T. -0.002 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

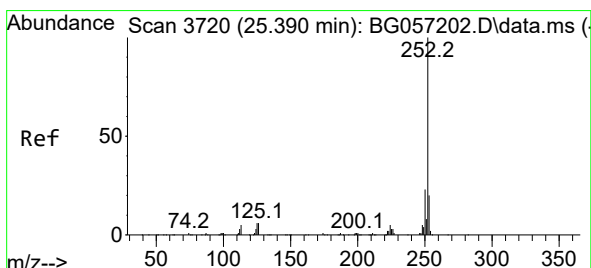
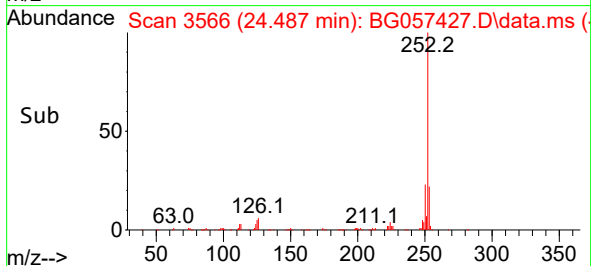
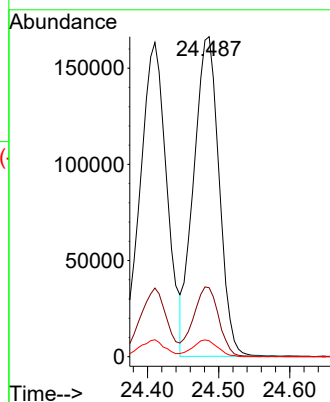
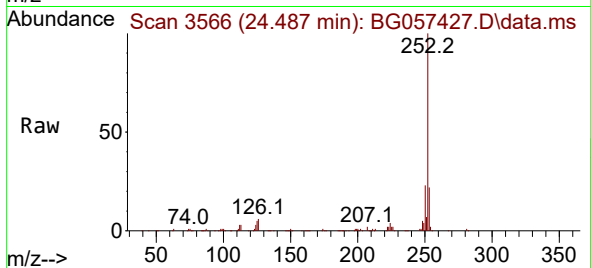
Tgt Ion:252 Resp: 412906

Ion Ratio Lower Upper

252 100

253 21.5 17.4 26.0

125 5.0 4.1 6.1



#90

Benzo(a)pyrene

Concen: 44.371 ng

RT: 25.368 min Scan# 3716

Delta R.T. -0.008 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

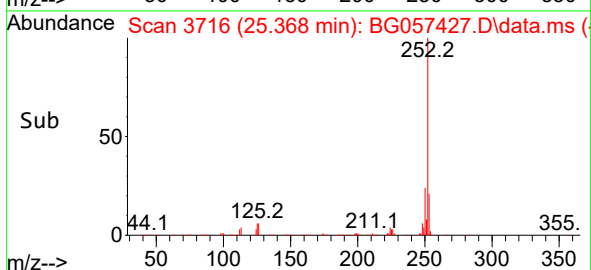
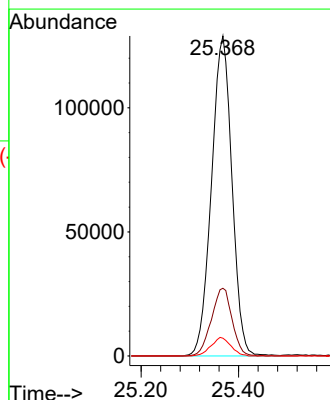
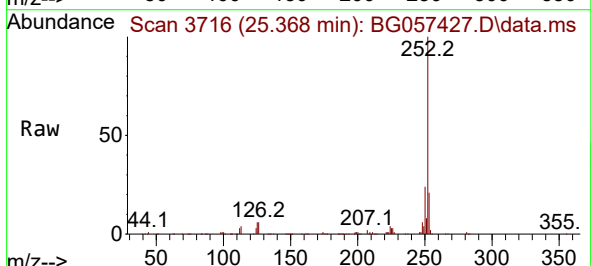
Tgt Ion:252 Resp: 375536

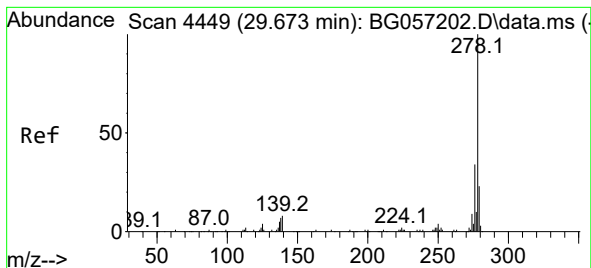
Ion Ratio Lower Upper

252 100

253 21.1 16.3 24.5

125 5.6 5.0 7.4





#91

Dibenzo(a,h)anthracene

Concen: 48.042 ng

RT: 29.638 min Scan# 4443

Delta R.T. -0.014 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Instrument :

BNA_G

ClientSampleId :

PB152629BS

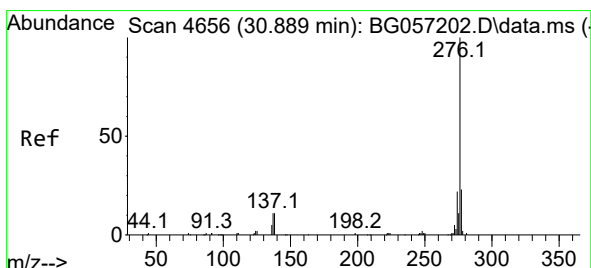
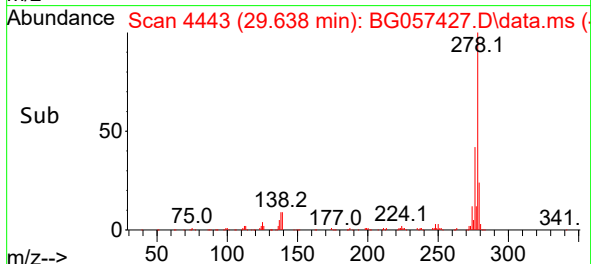
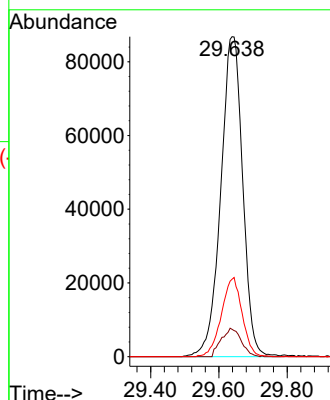
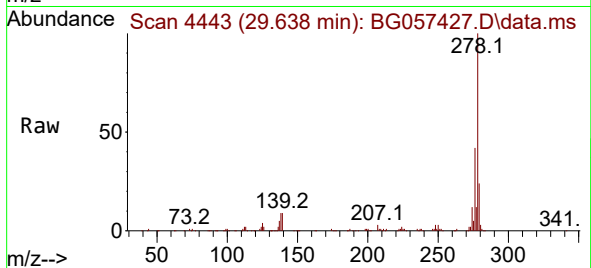
Tgt Ion:278 Resp: 386428

Ion Ratio Lower Upper

278 100

139 8.6 6.2 9.2

279 24.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 47.447 ng

RT: 30.866 min Scan# 4652

Delta R.T. -0.008 min

Lab File: BG057427.D

Acq: 13 May 2023 4:43

Tgt Ion:276 Resp: 372651

Ion Ratio Lower Upper

276 100

277 24.3 18.4 27.6

138 11.8 9.0 13.4

