

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053123\
 Data File : BG057622.D
 Acq On : 31 May 2023 15:13
 Operator : CG/JU
 Sample : 02971-01MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB16MS

Quant Time: Jun 01 03:54:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.336	152	24098	20.000	ng	0.00
21) Naphthalene-d8	11.179	136	95541	20.000	ng	0.00
39) Acenaphthene-d10	14.963	164	68025	20.000	ng	0.00
64) Phenanthrene-d10	17.700	188	168157	20.000	ng	0.00
76) Chrysene-d12	22.006	240	144442	20.000	ng	0.00
86) Perylene-d12	25.495	264	157076	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.863	112	156962	113.159	ng	0.00
7) Phenol-d6	7.490	99	230312	106.096	ng	0.00
23) Nitrobenzene-d5	9.523	82	138364	67.698	ng	0.00
42) 2,4,6-Tribromophenol	16.443	330	104667	96.104	ng	0.00
45) 2-Fluorobiphenyl	13.582	172	324866	68.632	ng	0.00
79) Terphenyl-d14	20.267	244	574193	68.860	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.648	88	25659	44.647	ng	94
3) Pyridine	4.071	79	69999	39.840	ng	98
4) n-Nitrosodimethylamine	3.983	42	34006	47.836	ng	92
6) Aniline	7.655	93	90484	34.456	ng	97
8) 2-Chlorophenol	7.902	128	80391	53.985	ng	96
9) Benzaldehyde	7.467	77	52902	36.783	ng	98
10) Phenol	7.520	94	106479	51.825	ng	99
11) bis(2-Chloroethyl)ether	7.737	93	73653	48.009	ng	97
12) 1,3-Dichlorobenzene	8.225	146	86348	54.427	ng	99
13) 1,4-Dichlorobenzene	8.377	146	87906	54.464	ng	99
14) 1,2-Dichlorobenzene	8.700	146	84005	53.360	ng	97
15) Benzyl Alcohol	8.577	79	83266	49.864	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.853	45	92891	48.762	ng	96
17) 2-Methylphenol	8.783	107	72307	47.923	ng	97
18) Hexachloroethane	9.435	117	30395	54.997	ng	98
19) n-Nitroso-di-n-propyla...	9.141	70	65876	43.681	ng	97
20) 3+4-Methylphenols	9.118	107	99144	46.809	ng	98
22) Acetophenone	9.170	105	123312	48.268	ng	# 98
24) Nitrobenzene	9.564	77	99089	47.762	ng	97
25) Isophorone	10.081	82	180478	44.926	ng	99
26) 2-Nitrophenol	10.281	139	45540	51.195	ng	97
27) 2,4-Dimethylphenol	10.328	122	76870	49.983	ng	94
28) bis(2-Chloroethoxy)met...	10.557	93	101393	48.674	ng	99
29) 2,4-Dichlorophenol	10.827	162	83019	51.397	ng	97
30) 1,2,4-Trichlorobenzene	11.033	180	88772	50.427	ng	98
31) Naphthalene	11.226	128	240366	47.559	ng	97
32) Benzoic acid	10.492	122	40322	45.390	ng	98
33) 4-Chloroaniline	11.338	127	75627	32.539	ng	98
34) Hexachlorobutadiene	11.497	225	61075	50.159	ng	96
35) Caprolactam	12.114	113	15600	23.297	ng	95
36) 4-Chloro-3-methylphenol	12.437	107	91407	47.808	ng	100
37) 2-Methylnaphthalene	12.807	142	176984	44.618	ng	96
38) 1-Methylnaphthalene	13.024	142	165296	43.667	ng	96
40) 1,2,4,5-Tetrachloroben...	13.171	216	117345	52.555	ng	99
41) Hexachlorocyclopentadiene	13.142	237	69674	103.685	ng	97
43) 2,4,6-Trichlorophenol	13.406	196	74660	53.113	ng	98

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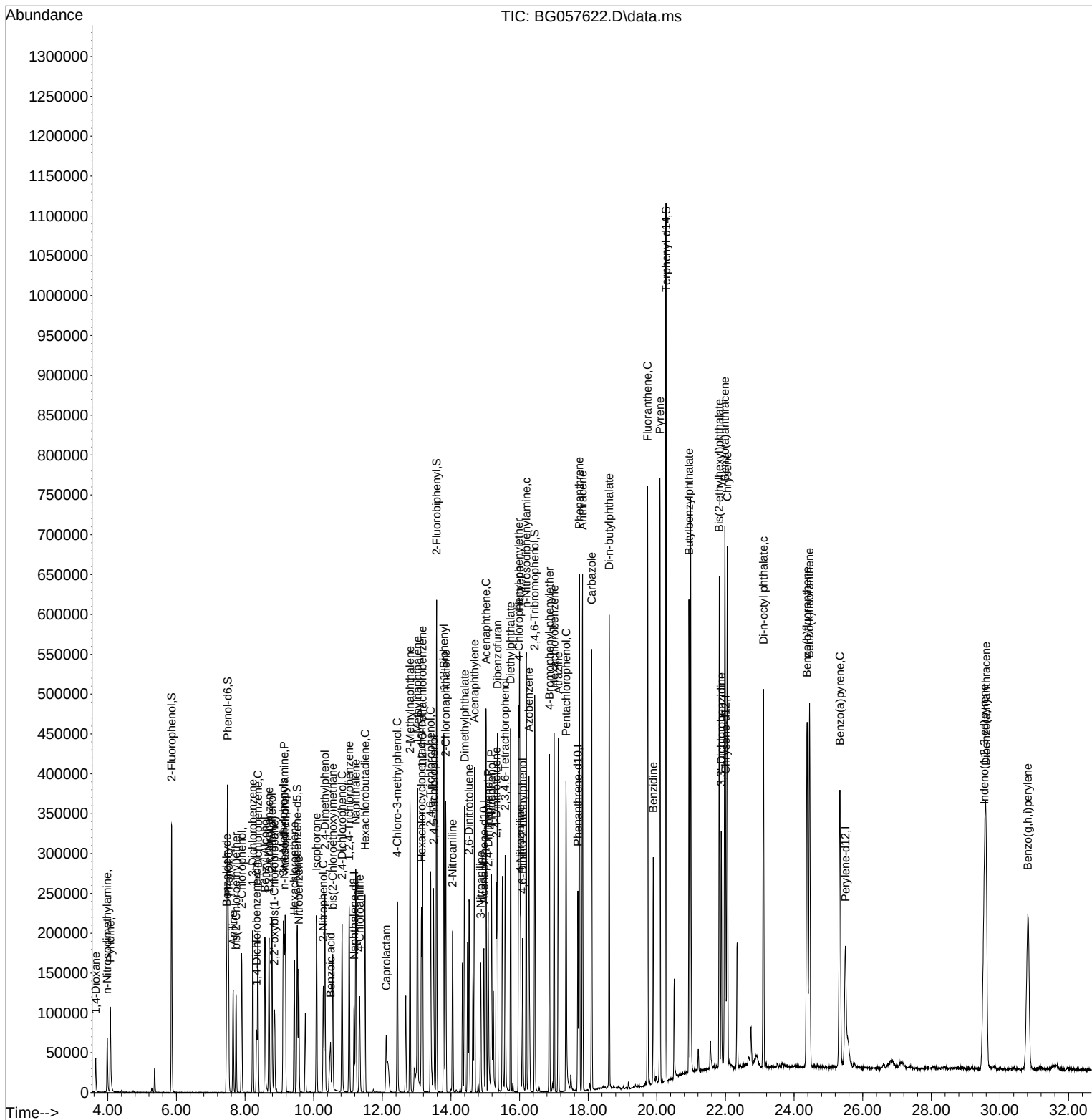
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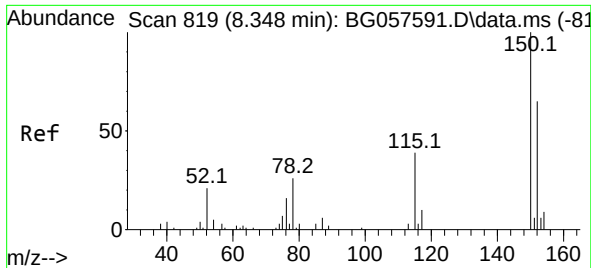
Quant Time: Jun 01 03:54:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	82652	49.369	ng	98
46) 1,1'-Biphenyl	13.794	154	249467	51.311	ng	99
47) 2-Chloronaphthalene	13.846	162	189689	51.799	ng	98
48) 2-Nitroaniline	14.046	65	61844	48.212	ng	97
49) Acenaphthylene	14.686	152	301120	48.559	ng	99
50) Dimethylphthalate	14.399	163	253344	45.187	ng	99
51) 2,6-Dinitrotoluene	14.528	165	57514	47.922	ng	94
52) Acenaphthene	15.021	154	183505	48.361	ng	95
53) 3-Nitroaniline	14.869	138	42606	34.036	ng	93
54) 2,4-Dinitrophenol	15.086	184	67166	91.628	ng	98
55) Dibenzofuran	15.356	168	303552	46.818	ng	96
56) 4-Nitrophenol	15.180	139	78226	93.792	ng	95
57) 2,4-Dinitrotoluene	15.321	165	83763	46.614	ng	# 96
58) Fluorene	16.002	166	252403	46.106	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.579	232	72654	46.323	ng	96
60) Diethylphthalate	15.738	149	261512	44.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.979	204	140434	46.030	ng	98
62) 4-Nitroaniline	16.026	138	57445	42.542	ng	98
63) Azobenzene	16.273	77	261796	50.305	ng	99
65) 4,6-Dinitro-2-methylph...	16.090	198	56083	54.775	ng	94
66) n-Nitrosodiphenylamine	16.196	169	222661	50.945	ng	98
67) 4-Bromophenyl-phenylether	16.872	248	96006	50.897	ng	98
68) Hexachlorobenzene	17.007	284	102204	52.564	ng	97
69) Atrazine	17.130	200	102013	54.364	ng	99
70) Pentachlorophenol	17.353	266	92829	93.698	ng	99
71) Phenanthrene	17.741	178	421852	49.023	ng	99
72) Anthracene	17.835	178	425960	48.252	ng	99
73) Carbazole	18.099	167	382681	48.458	ng	99
74) Di-n-butylphthalate	18.611	149	441019	47.042	ng	100
75) Fluoranthene	19.733	202	493479	44.174	ng	100
77) Benzidine	19.897	184	178606	40.863	ng	99
78) Pyrene	20.091	202	500002	48.617	ng	99
80) Butylbenzylphthalate	20.937	149	184369	49.223	ng	99
81) Benzo(a)anthracene	21.982	228	484575	48.357	ng	98
82) 3,3'-Dichlorobenzidine	21.877	252	116531	31.535	ng	98
83) Chrysene	22.053	228	444787	46.969	ng	100
84) Bis(2-ethylhexyl)phtha...	21.818	149	263134	49.250	ng	99
85) Di-n-octyl phthalate	23.110	149	439945	49.677	ng	99
87) Indeno(1,2,3-cd)pyrene	29.549	276	550055	50.227	ng	99
88) Benzo(b)fluoranthene	24.379	252	490727	50.755	ng	98
89) Benzo(k)fluoranthene	24.450	252	473756	48.552	ng	97
90) Benzo(a)pyrene	25.337	252	433201	45.944	ng	99
91) Dibenzo(a,h)anthracene	29.590	278	459617	50.428	ng	98
92) Benzo(g,h,i)perylene	30.812	276	442900	49.827	ng	96

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

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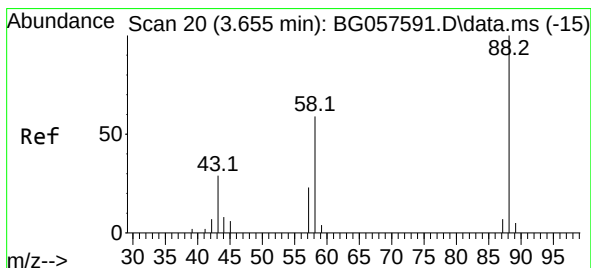
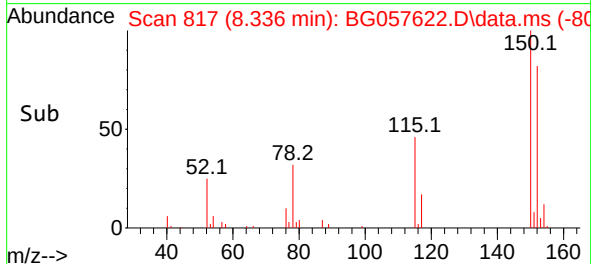
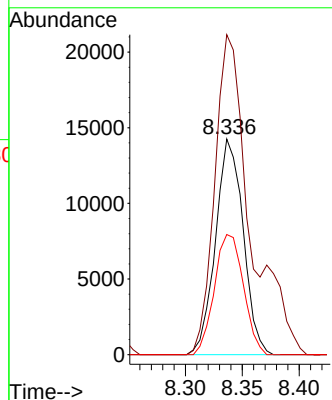
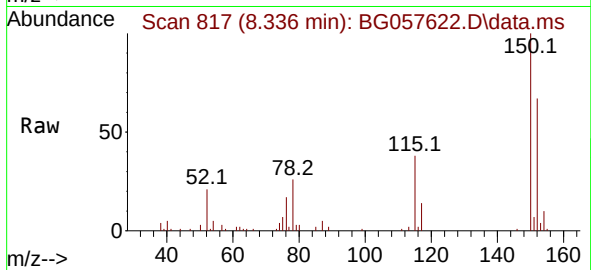




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.336 min Scan# 81
Delta R.T. 0.002 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

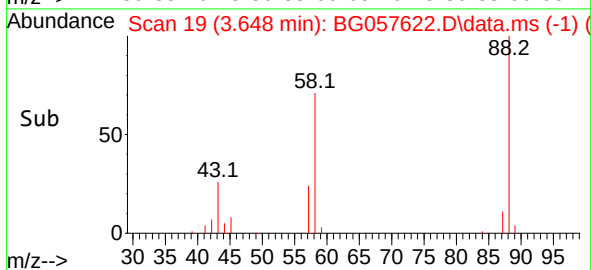
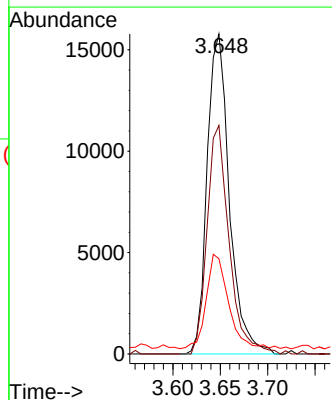
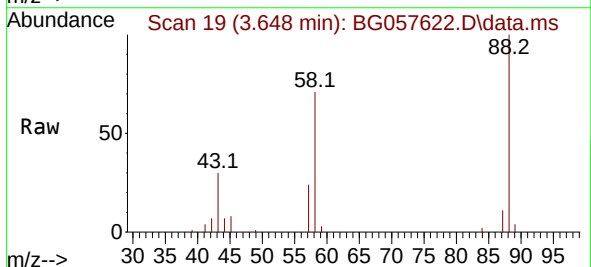
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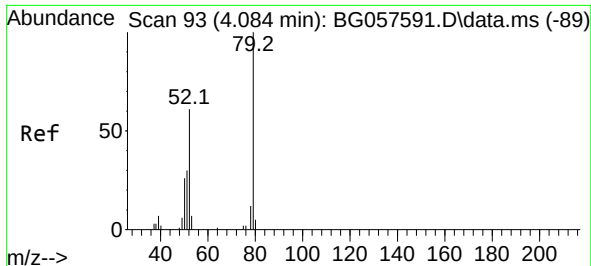
Tgt Ion:152 Resp: 24098
Ion Ratio Lower Upper
152 100
150 148.4 123.0 184.4
115 55.7 47.4 71.2



#2
1,4-Dioxane
Concen: 44.647 ng
RT: 3.648 min Scan# 19
Delta R.T. 0.008 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 88 Resp: 25659
Ion Ratio Lower Upper
88 100
58 71.1 52.6 79.0
43 29.7 22.1 33.1



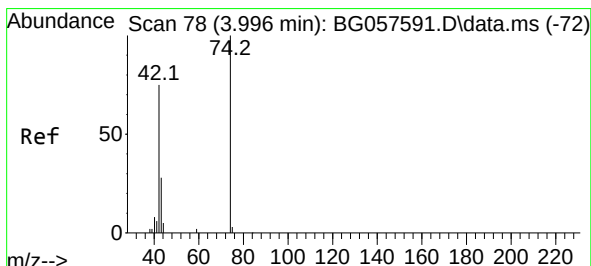
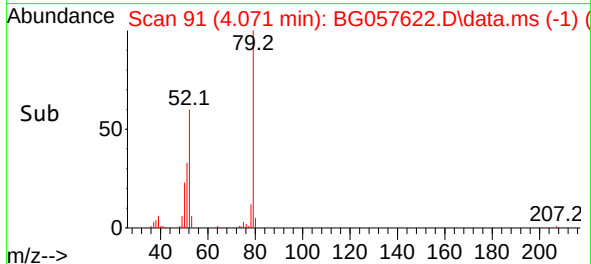
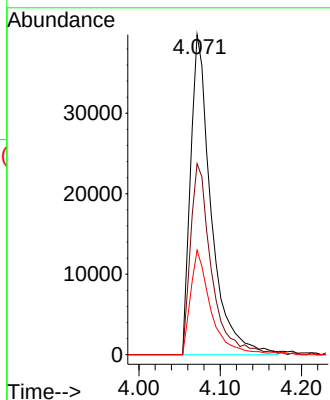
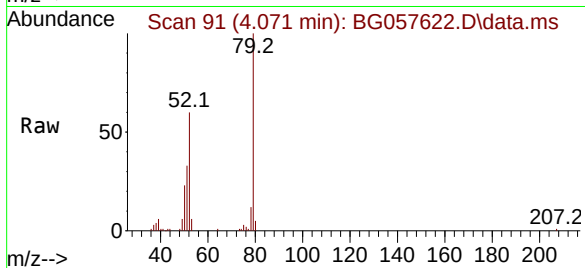


#3
 Pyridine
 Concen: 39.840 ng
 RT: 4.071 min Scan# 91
 Delta R.T. 0.003 min
 Lab File: BG057622.D
 Acq: 31 May 2023 15:13

Instrument :
 BNA_G
 ClientSampleId :
 SB16MS

Tgt Ion: 79 Resp: 69999

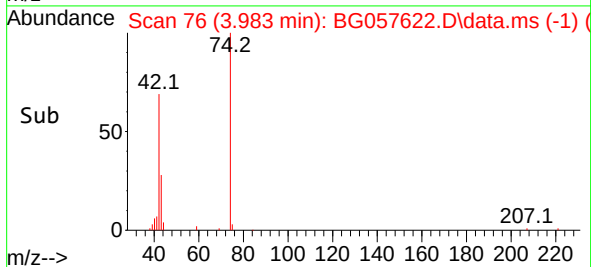
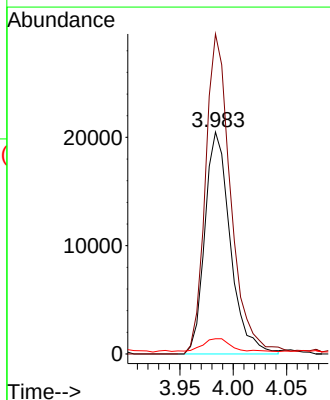
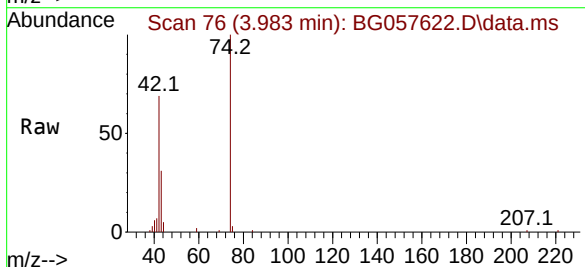
Ion	Ratio	Lower	Upper
79	100		
52	59.6	48.4	72.6
51	32.6	24.4	36.6

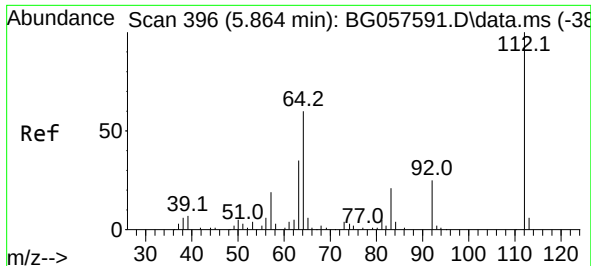


#4
 n-Nitrosodimethylamine
 Concen: 47.836 ng
 RT: 3.983 min Scan# 76
 Delta R.T. 0.003 min
 Lab File: BG057622.D
 Acq: 31 May 2023 15:13

Tgt Ion: 42 Resp: 34006

Ion	Ratio	Lower	Upper
42	100		
74	144.2	107.3	160.9
44	6.9	6.1	9.1

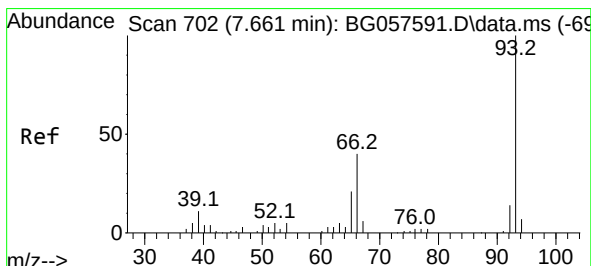
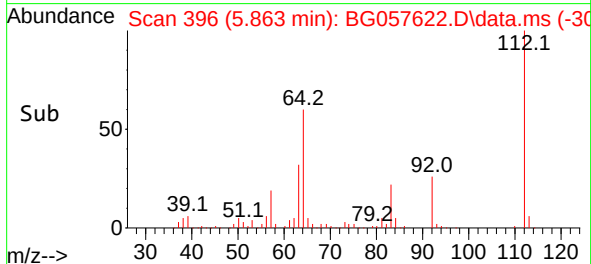
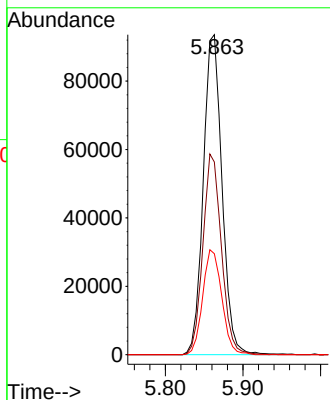
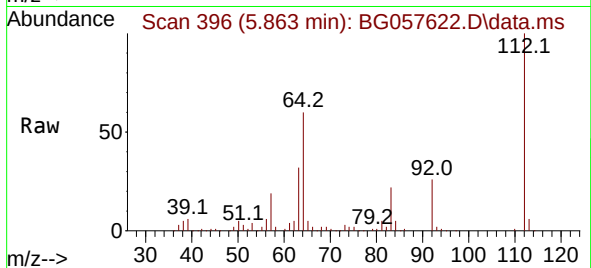




#5
2-Fluorophenol
Concen: 113.159 ng
RT: 5.863 min Scan# 396
Delta R.T. 0.008 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

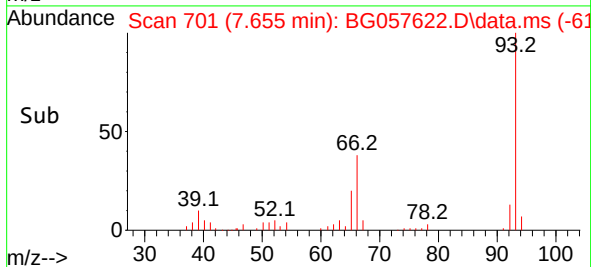
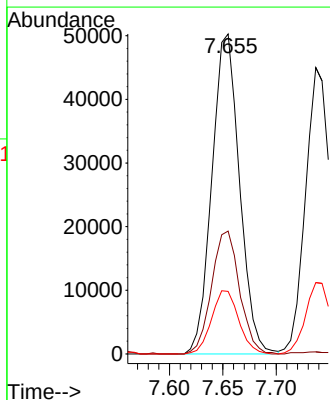
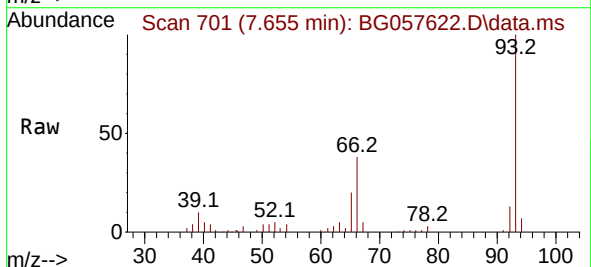
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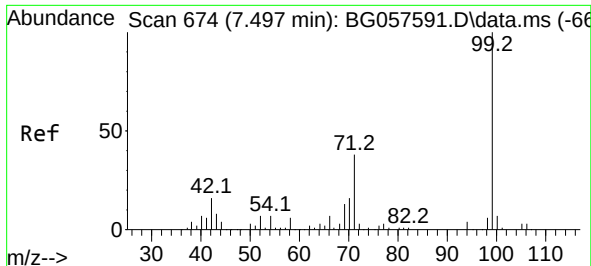
Tgt Ion:112 Resp: 156962
Ion Ratio Lower Upper
112 100
64 60.2 47.8 71.6
63 31.5 27.8 41.8



#6
Aniline
Concen: 34.456 ng
RT: 7.655 min Scan# 701
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 93 Resp: 90484
Ion Ratio Lower Upper
93 100
66 38.4 32.2 48.4
65 19.5 16.7 25.1

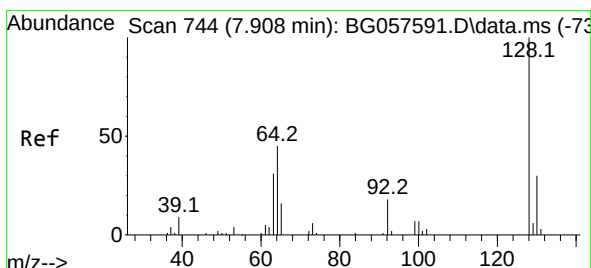
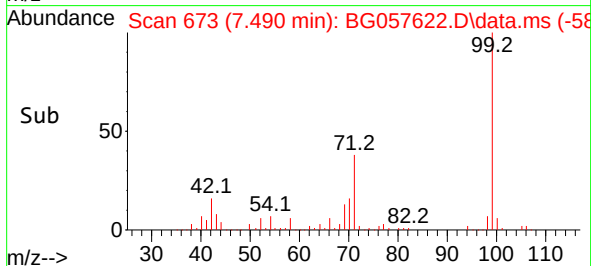
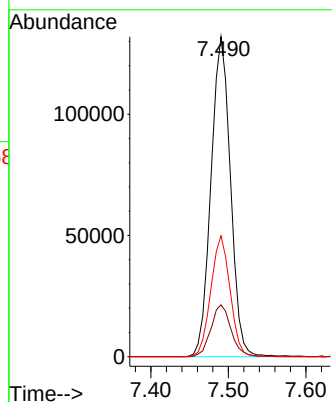
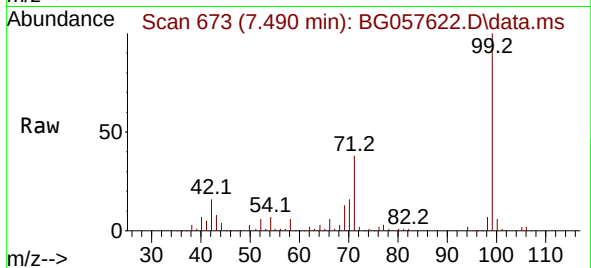




#7
Phenol-d6
Concen: 106.096 ng
RT: 7.490 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

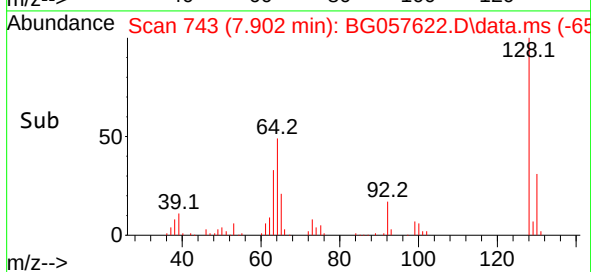
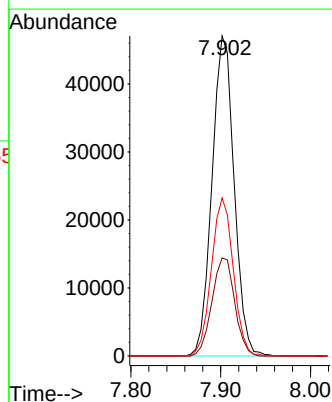
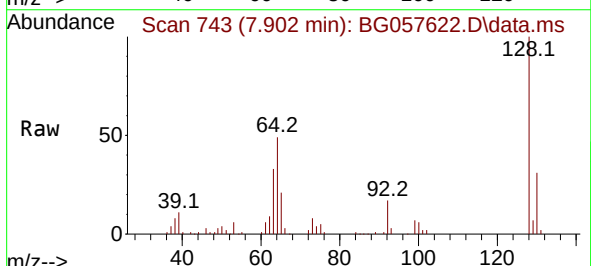
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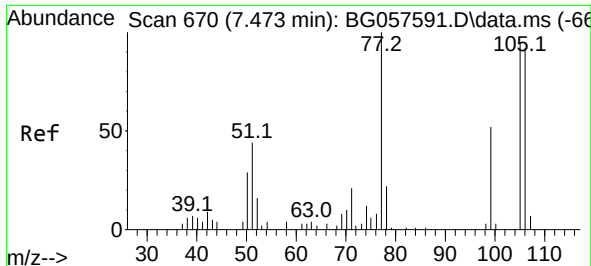
Tgt Ion: 99 Resp: 230312
Ion Ratio Lower Upper
99 100
42 16.2 12.8 19.2
71 37.8 30.3 45.5



#8
2-Chlorophenol
Concen: 53.985 ng
RT: 7.902 min Scan# 743
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:128 Resp: 80391
Ion Ratio Lower Upper
128 100
130 30.7 10.5 50.5
64 49.4 33.8 73.8

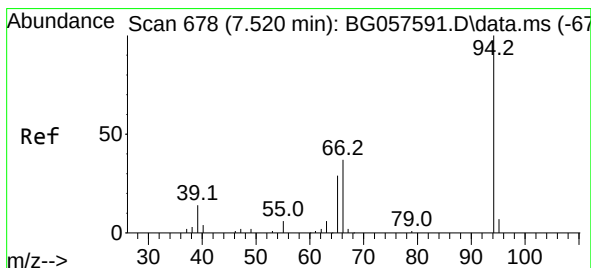
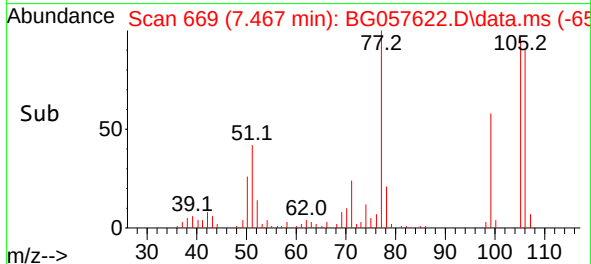
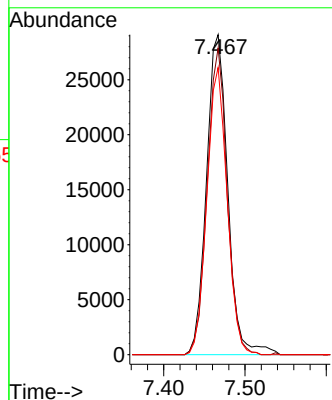
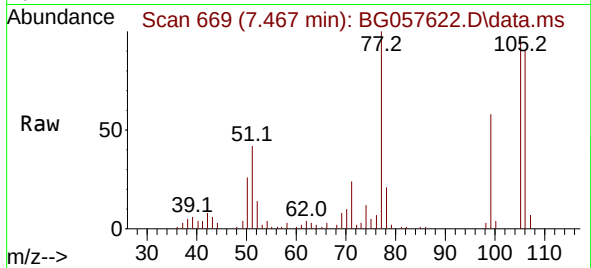




#9
Benzaldehyde
Concen: 36.783 ng
RT: 7.467 min Scan# 6
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

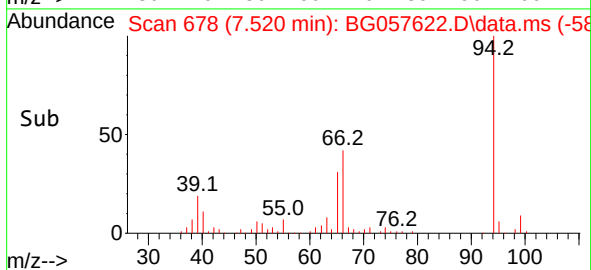
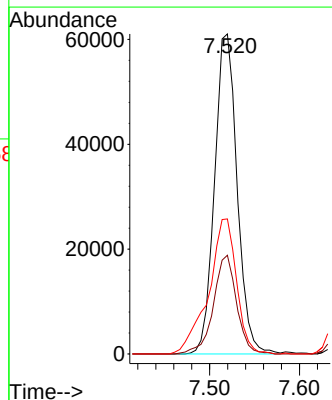
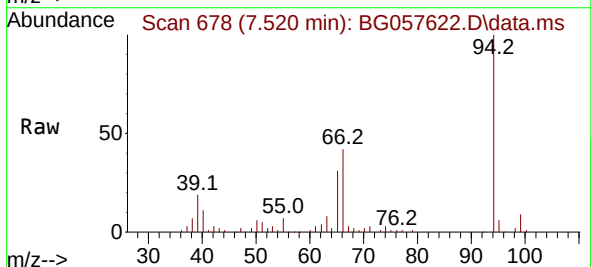
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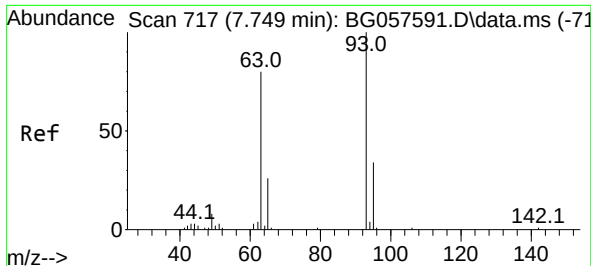
Tgt Ion: 77 Resp: 52902
Ion Ratio Lower Upper
77 100
105 95.9 75.0 115.0
106 89.8 72.5 112.5



#10
Phenol
Concen: 51.825 ng
RT: 7.520 min Scan# 678
Delta R.T. 0.008 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 94 Resp: 106479
Ion Ratio Lower Upper
94 100
65 30.9 9.6 49.6
66 42.2 22.0 62.0

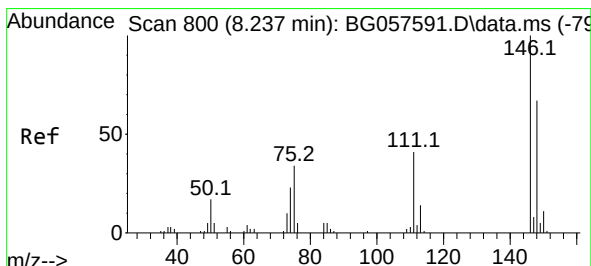
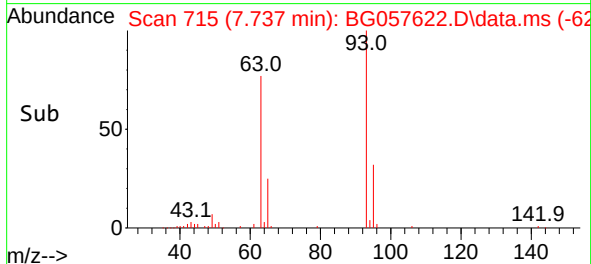
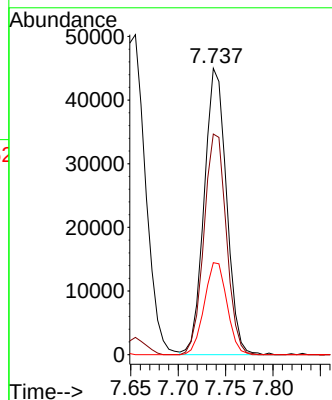
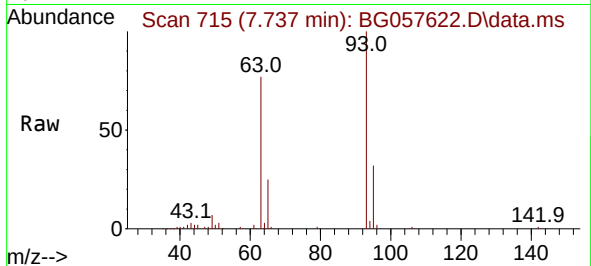




#11
bis(2-Chloroethyl)ether
Concen: 48.009 ng
RT: 7.737 min Scan# 717
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

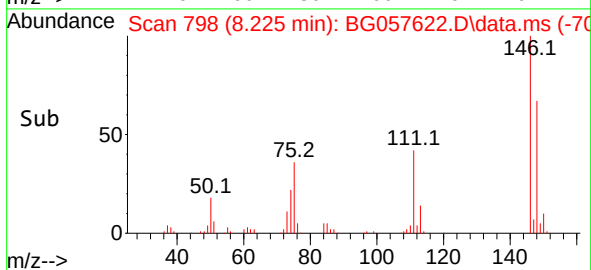
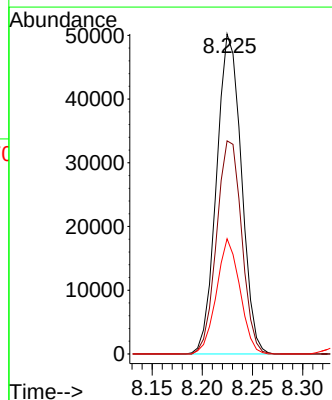
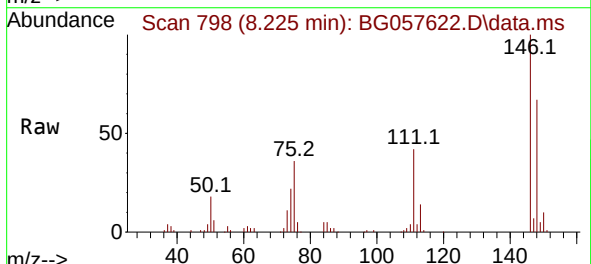
Instrument :
BNA_G
ClientSampleId :
SB16MS

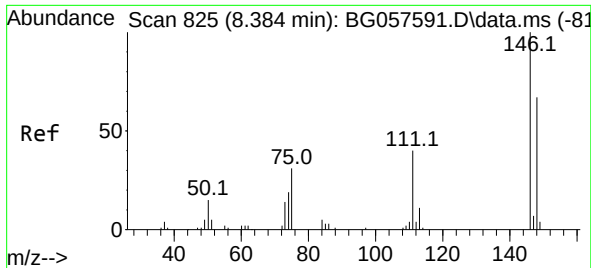
Tgt Ion: 93 Resp: 73653
Ion Ratio Lower Upper
93 100
63 77.0 59.3 99.3
95 32.1 14.1 54.1



#12
1,3-Dichlorobenzene
Concen: 54.427 ng
RT: 8.225 min Scan# 798
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 146 Resp: 86348
Ion Ratio Lower Upper
146 100
148 66.6 53.4 80.0
75 36.0 27.4 41.2

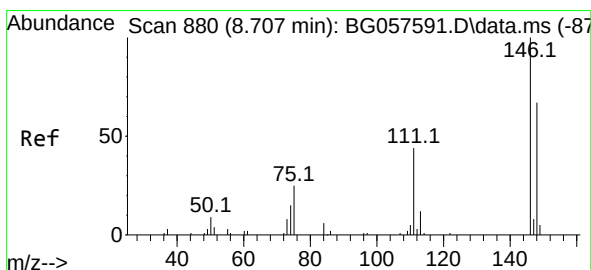
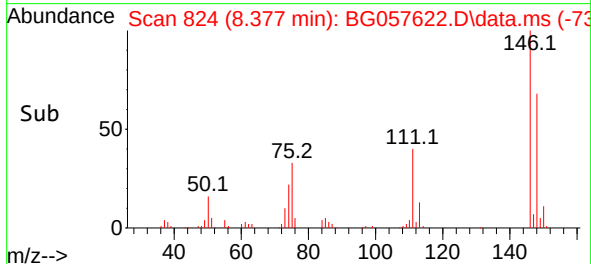
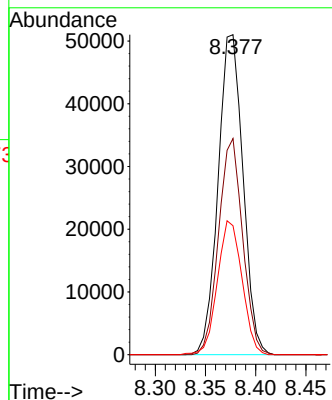
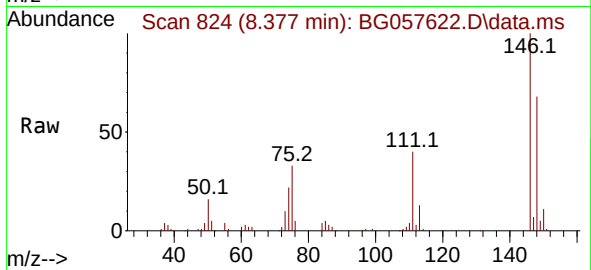




#13
1,4-Dichlorobenzene
Concen: 54.464 ng
RT: 8.377 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

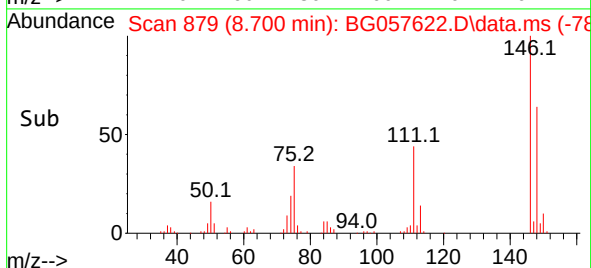
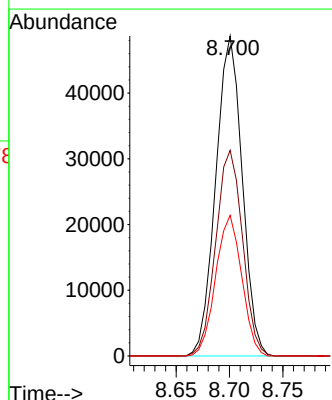
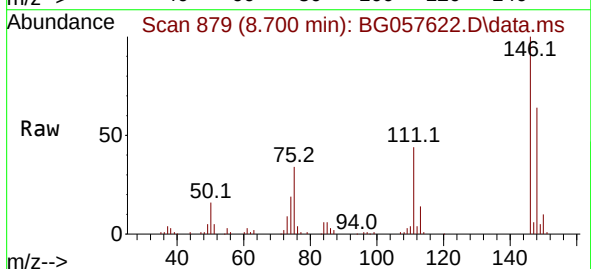
Instrument :
BNA_G
ClientSampleId :
SB16MS

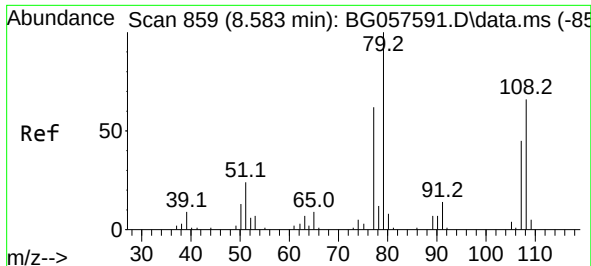
Tgt Ion:146 Resp: 87906
Ion Ratio Lower Upper
146 100
148 67.6 53.8 80.6
111 40.3 31.9 47.9



#14
1,2-Dichlorobenzene
Concen: 53.360 ng
RT: 8.700 min Scan# 879
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:146 Resp: 84005
Ion Ratio Lower Upper
146 100
148 64.3 53.5 80.3
111 44.0 36.6 54.8

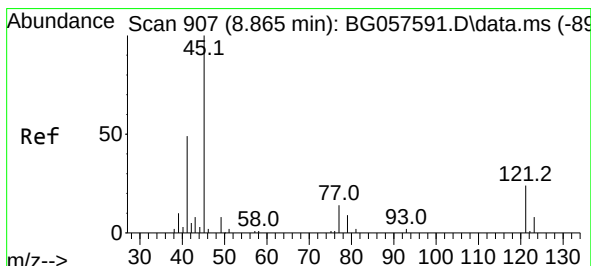
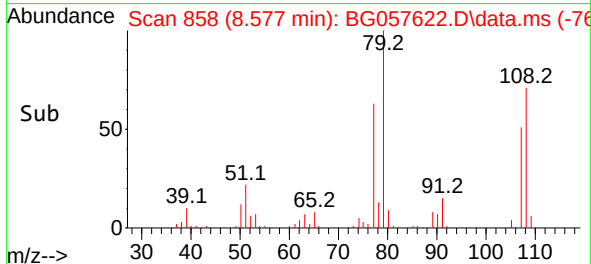
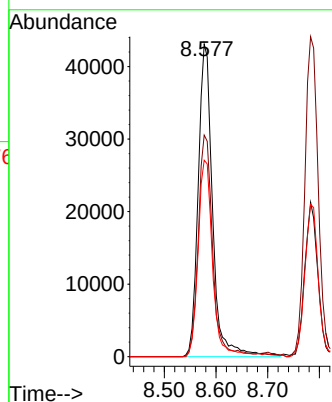
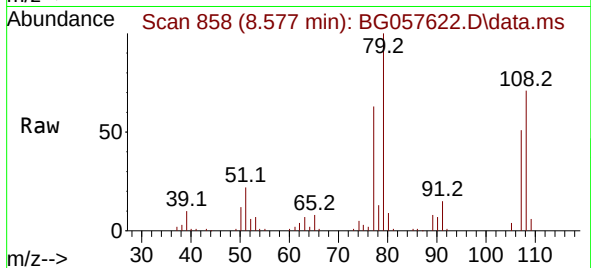




#15
Benzyl Alcohol
Concen: 49.864 ng
RT: 8.577 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

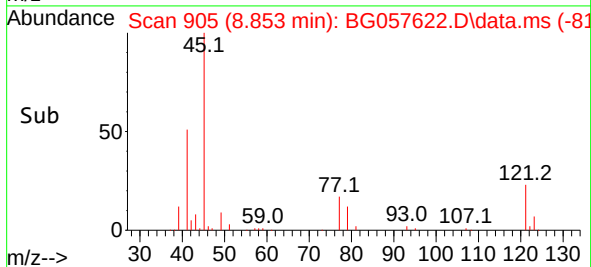
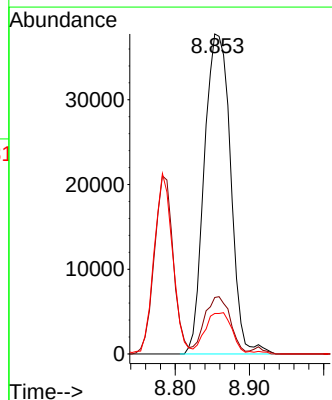
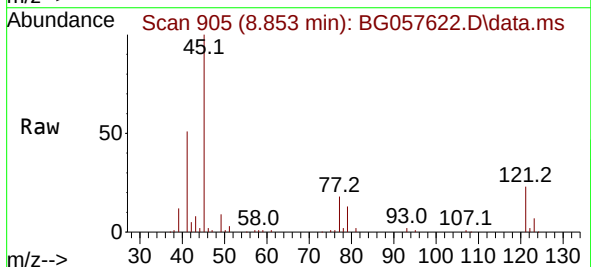
Instrument :
BNA_G
ClientSampleId :
SB16MS

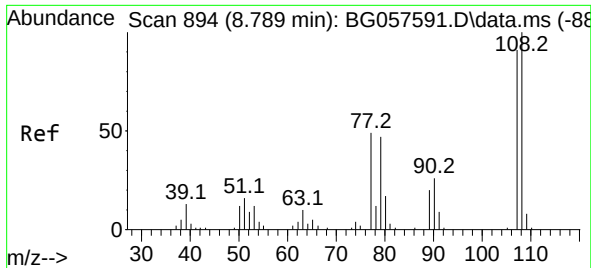
Tgt Ion: 79 Resp: 83266
Ion Ratio Lower Upper
79 100
108 70.9 52.6 78.8
77 62.8 49.7 74.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.762 ng
RT: 8.853 min Scan# 905
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 45 Resp: 92891
Ion Ratio Lower Upper
45 100
77 17.7 0.0 39.2
79 12.7 0.0 34.2

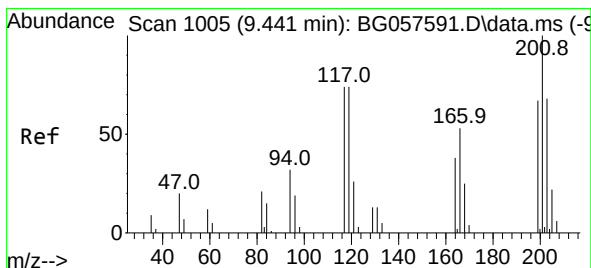
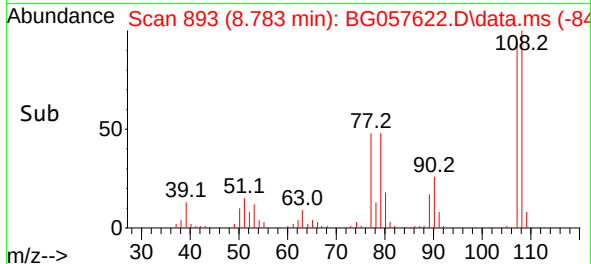
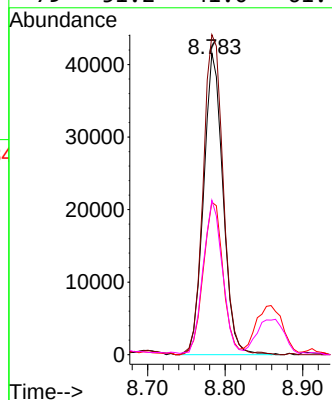
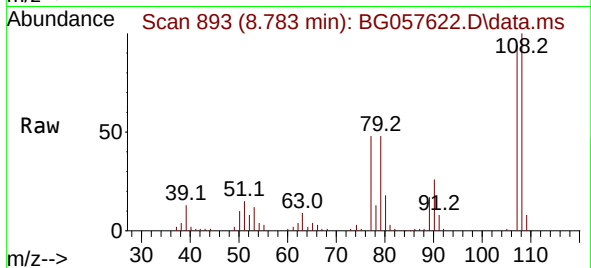




#17
2-Methylphenol
Concen: 47.923 ng
RT: 8.783 min Scan# 894
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

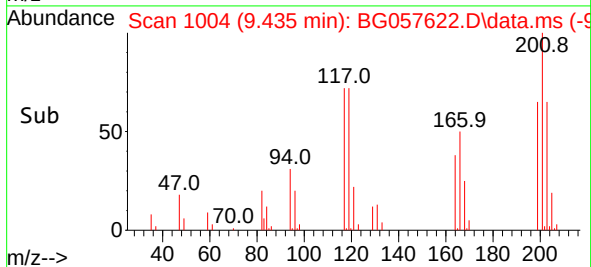
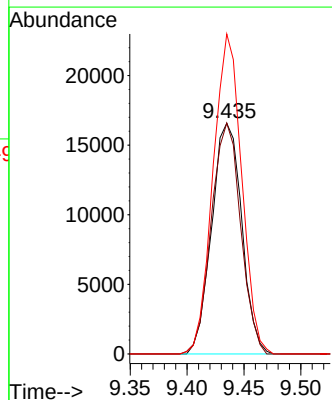
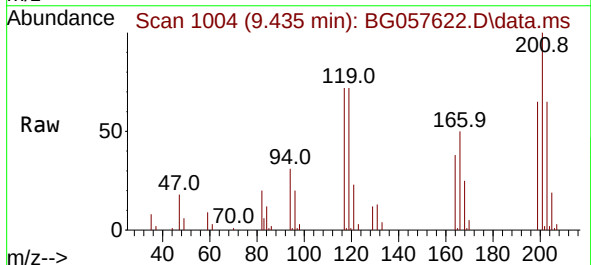
Instrument :
BNA_G
ClientSampleId :
SB16MS

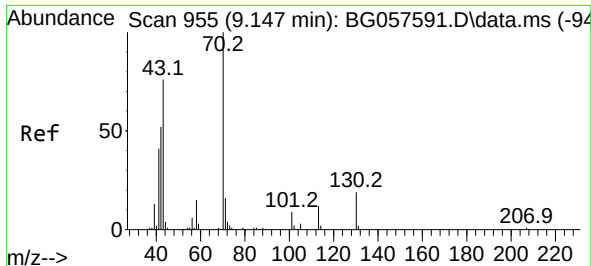
Tgt Ion:	107	Resp:	72307
Ion	Ratio	Lower	Upper
107	100		
108	106.1	87.7	131.5
77	50.5	43.0	64.6
79	51.2	41.0	61.4



#18
Hexachloroethane
Concen: 54.997 ng
RT: 9.435 min Scan# 1004
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:	117	Resp:	30395
Ion	Ratio	Lower	Upper
117	100		
119	100.1	80.6	121.0
201	138.7	108.8	163.2



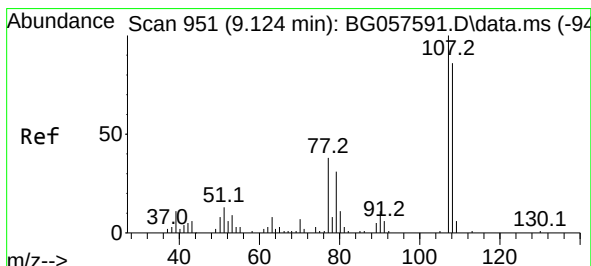
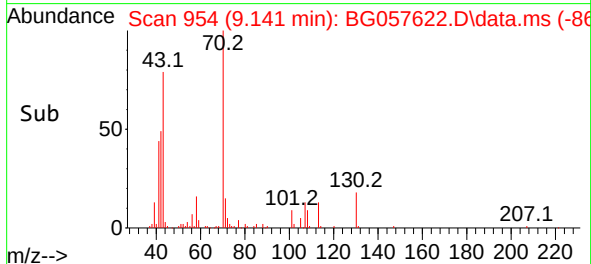
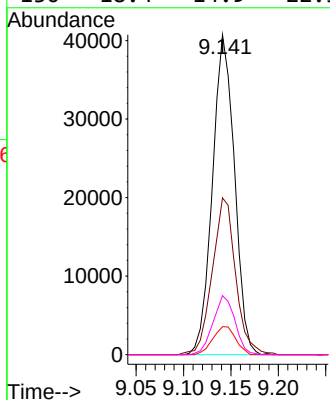
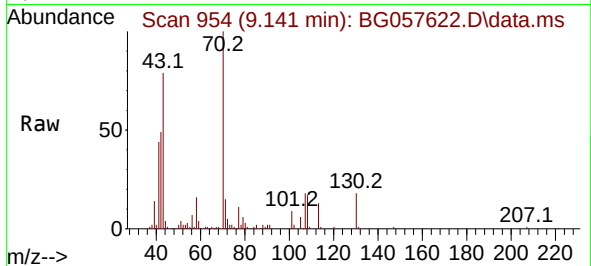


#19
n-Nitroso-di-n-propylamine
Concen: 43.681 ng
RT: 9.141 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion: 70 Resp: 65876

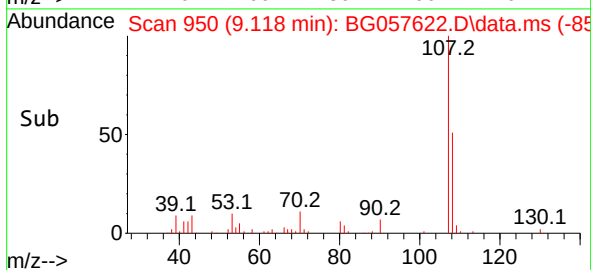
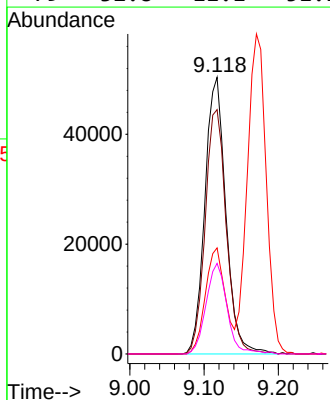
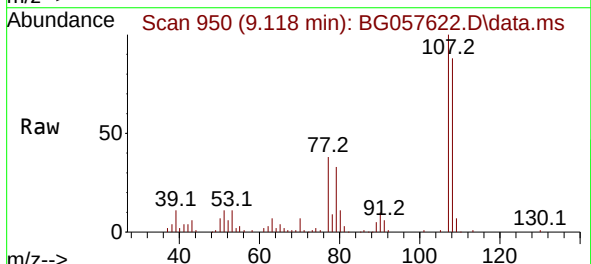
Ion	Ratio	Lower	Upper
70	100		
42	49.0	41.4	62.0
101	8.7	6.9	10.3
130	18.4	14.9	22.3

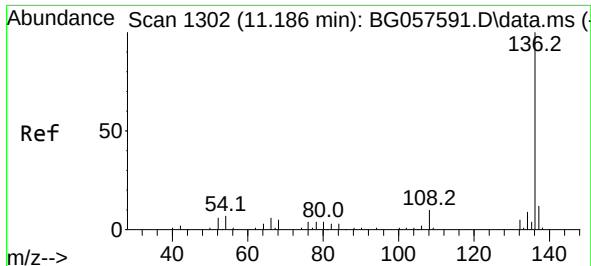


#20
3+4-Methylphenols
Concen: 46.809 ng
RT: 9.118 min Scan# 950
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 107 Resp: 99144

Ion	Ratio	Lower	Upper
107	100		
108	88.3	65.6	105.6
77	38.4	18.0	58.0
79	32.8	11.1	51.1

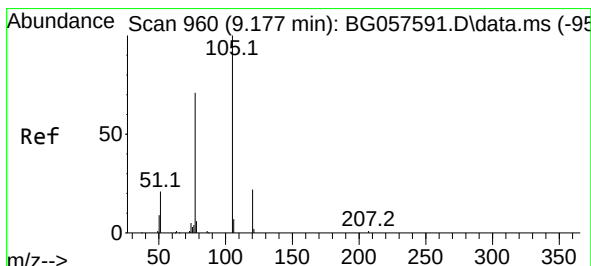
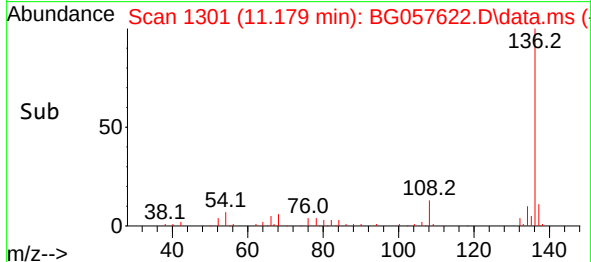
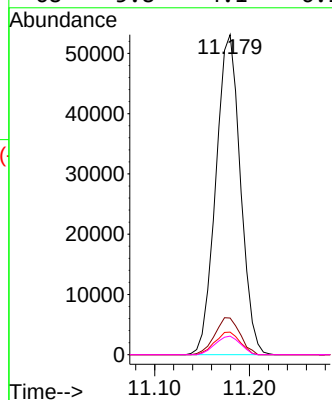
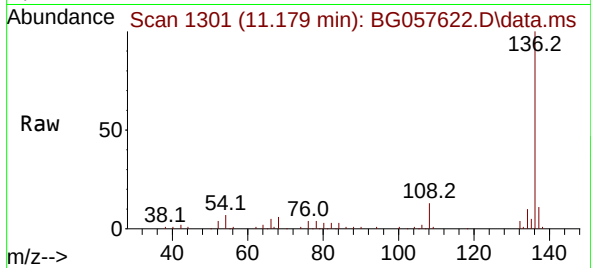




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.179 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

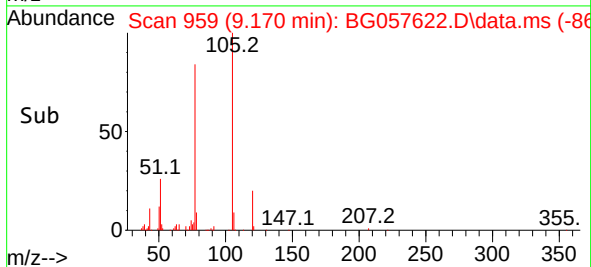
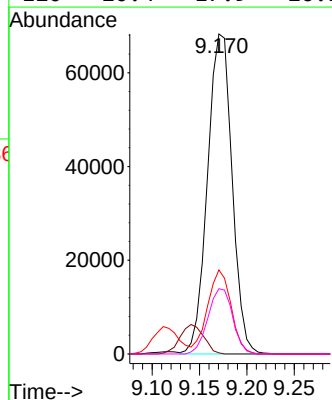
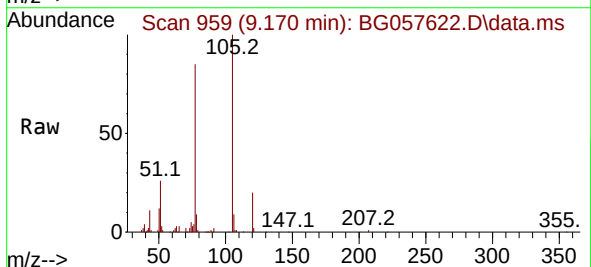
Instrument :
BNA_G
ClientSampleId :
SB16MS

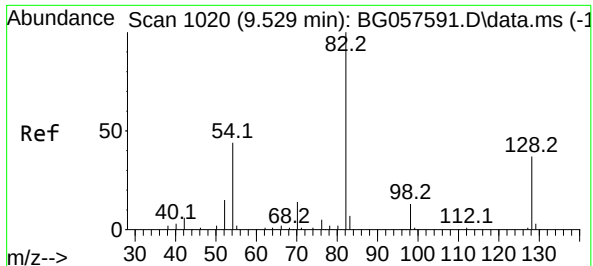
Tgt Ion:136	Resp:	95541
Ion Ratio	Lower	Upper
136	100	
137	11.5	9.8 14.8
54	7.1	5.8 8.6
68	5.8	4.1 6.1



#22
Acetophenone
Concen: 48.268 ng
RT: 9.170 min Scan# 959
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:105	Resp:	123312
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.0 0.0#
51	26.2	20.7 31.1
120	20.4	17.9 26.9





#23

Nitrobenzene-d5

Concen: 67.698 ng

RT: 9.523 min Scan# 1019

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

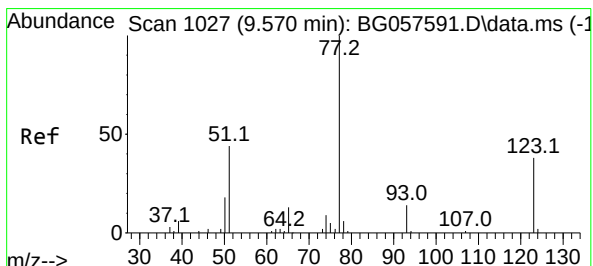
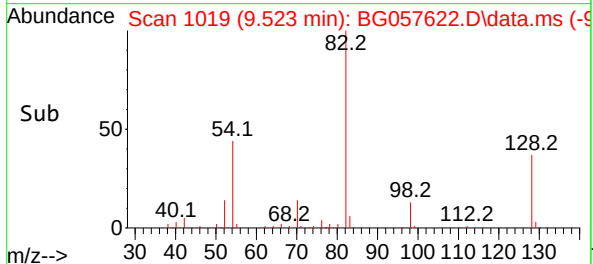
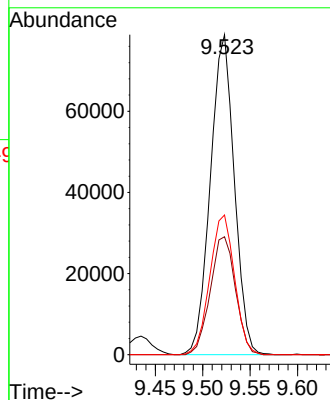
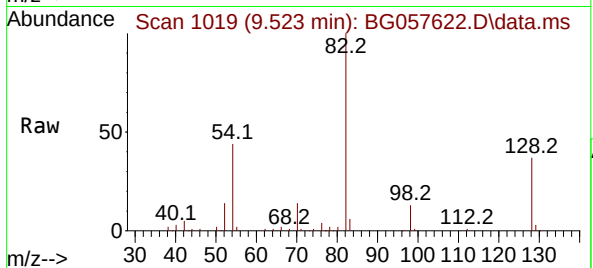
Tgt Ion: 82 Resp: 138364

Ion Ratio Lower Upper

82 100

128 36.8 30.0 45.0

54 43.7 35.2 52.8



#24

Nitrobenzene

Concen: 47.762 ng

RT: 9.564 min Scan# 1026

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

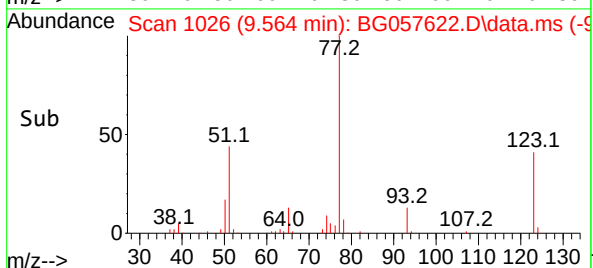
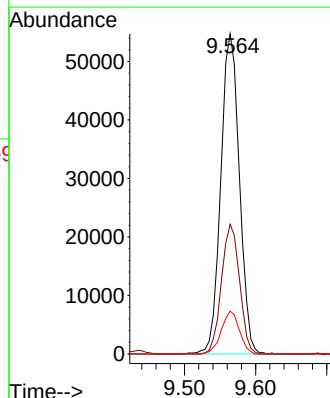
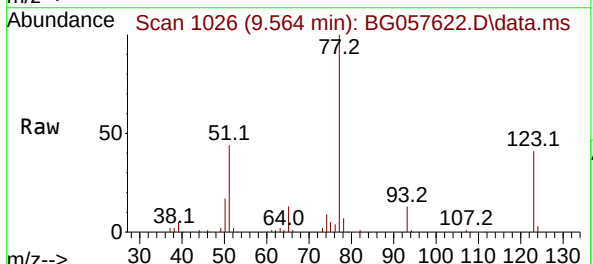
Tgt Ion: 77 Resp: 99089

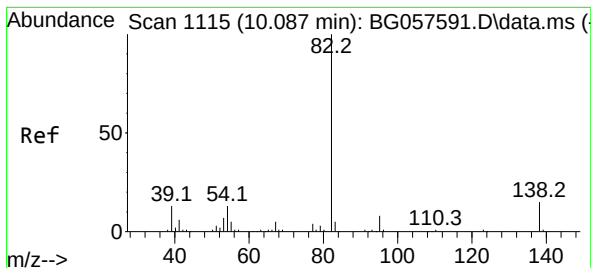
Ion Ratio Lower Upper

77 100

123 40.5 30.6 46.0

65 13.4 10.2 15.4





#25

Isophorone

Concen: 44.926 ng

RT: 10.081 min Scan# 1114

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

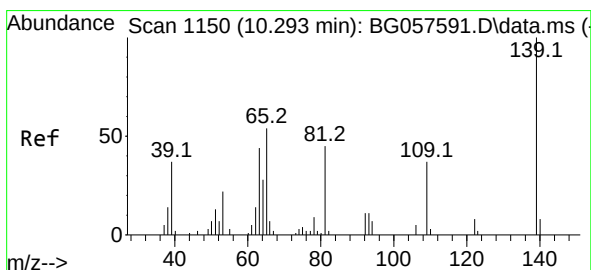
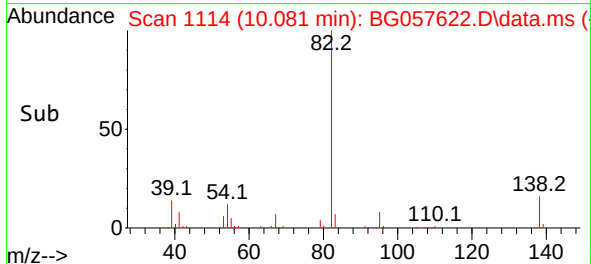
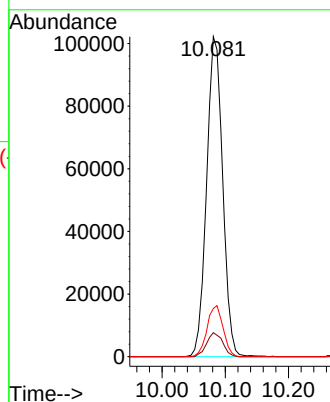
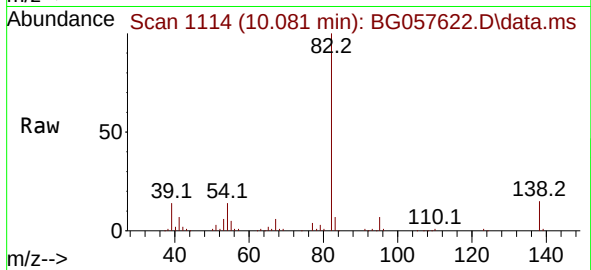
Tgt Ion: 82 Resp: 180478

Ion Ratio Lower Upper

82 100

95 7.5 6.3 9.5

138 15.1 12.0 18.0



#26

2-Nitrophenol

Concen: 51.195 ng

RT: 10.281 min Scan# 1148

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

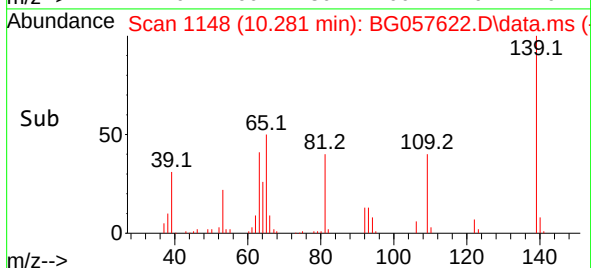
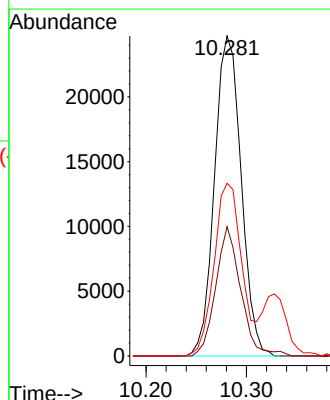
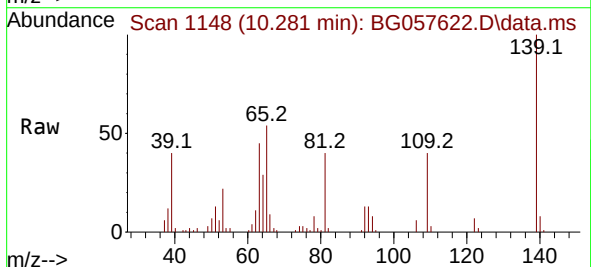
Tgt Ion:139 Resp: 45540

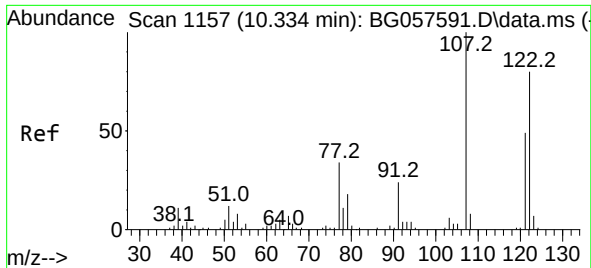
Ion Ratio Lower Upper

139 100

109 40.4 29.5 44.3

65 53.9 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 49.983 ng

RT: 10.328 min Scan# 1156

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

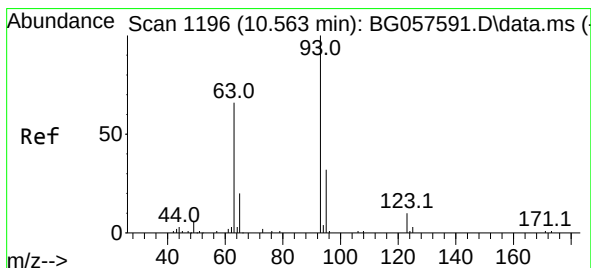
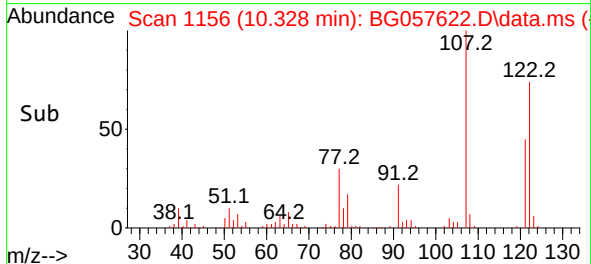
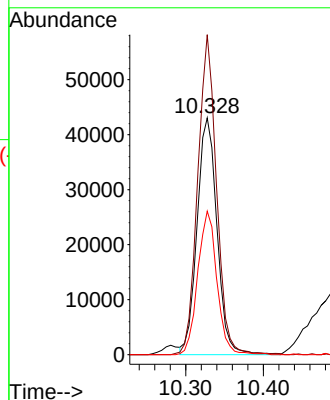
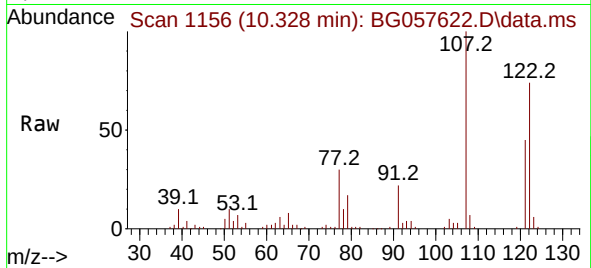
Tgt Ion:122 Resp: 76870

Ion Ratio Lower Upper

122 100

107 135.1 99.4 149.2

121 60.6 48.4 72.6



#28

bis(2-Chloroethoxy)methane

Concen: 48.674 ng

RT: 10.557 min Scan# 1195

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

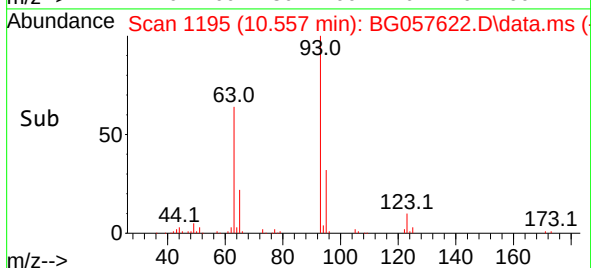
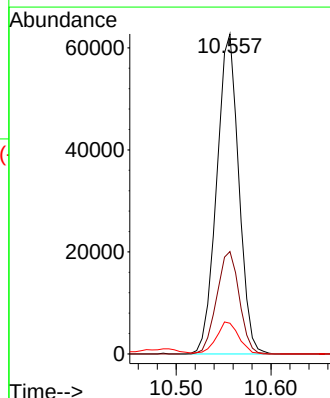
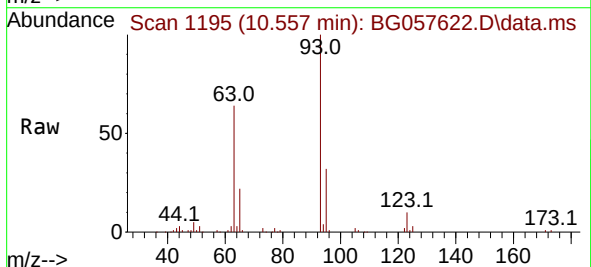
Tgt Ion: 93 Resp: 101393

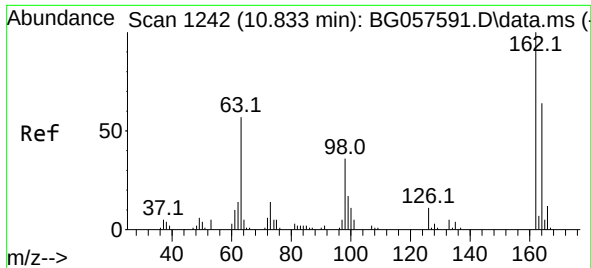
Ion Ratio Lower Upper

93 100

95 32.0 25.3 37.9

123 9.6 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 51.397 ng

RT: 10.827 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

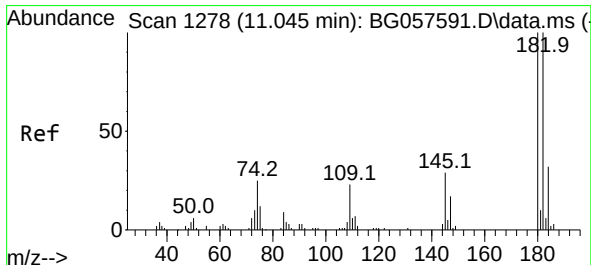
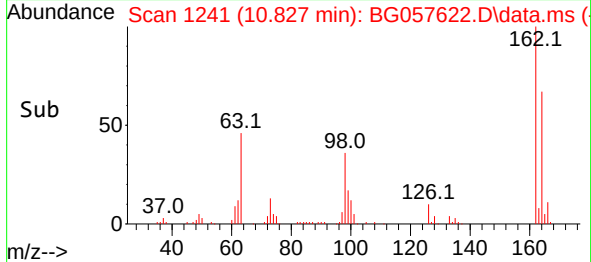
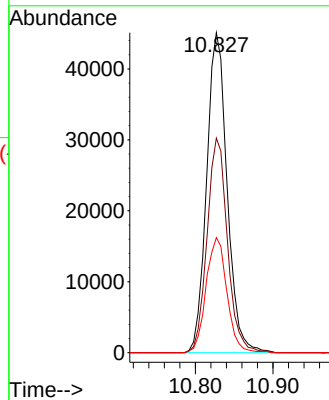
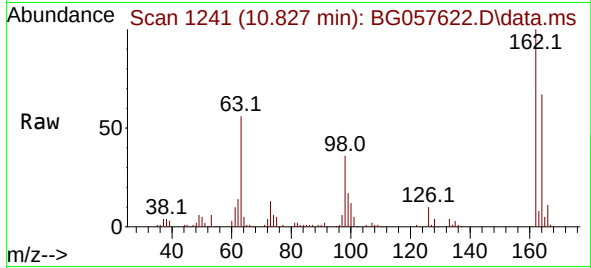
Tgt Ion:162 Resp: 83019

Ion Ratio Lower Upper

162 100

164 67.1 44.1 84.1

98 36.0 16.3 56.3



#30

1,2,4-Trichlorobenzene

Concen: 50.427 ng

RT: 11.033 min Scan# 1276

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

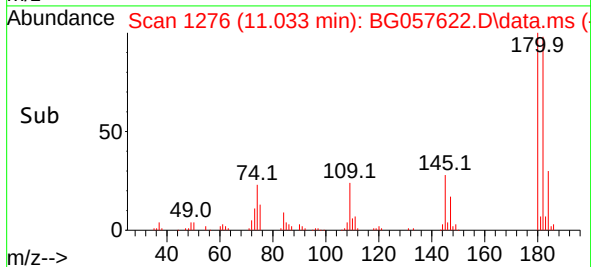
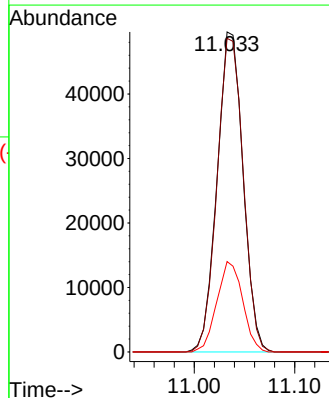
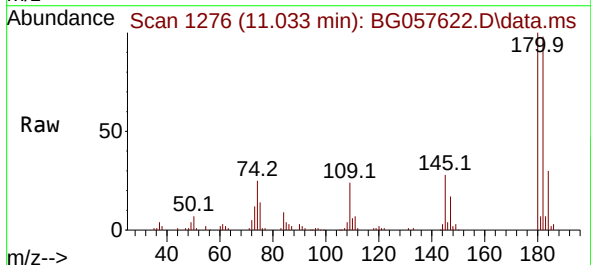
Tgt Ion:180 Resp: 88772

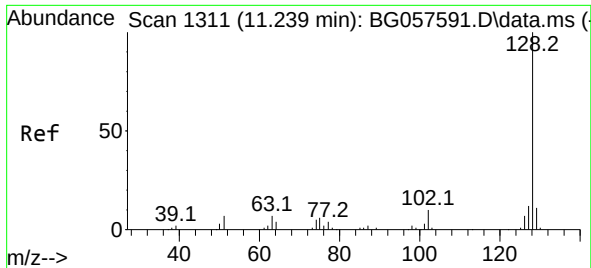
Ion Ratio Lower Upper

180 100

182 98.0 80.2 120.2

145 28.3 23.1 34.7

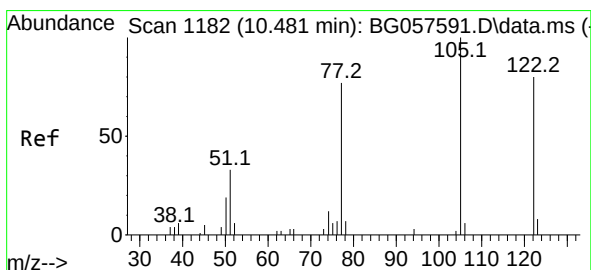
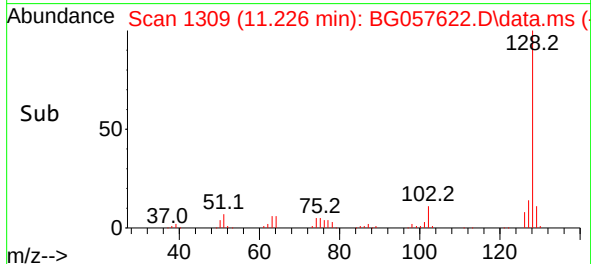
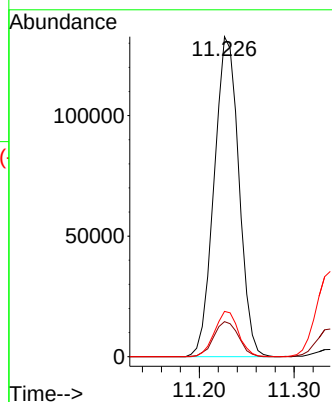
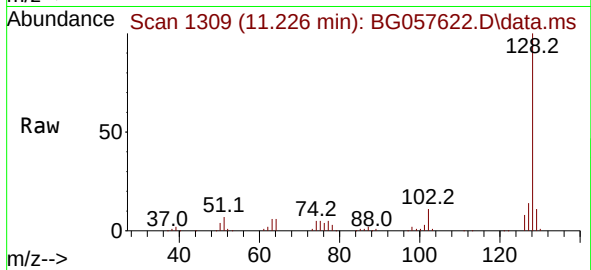




#31
Naphthalene
Concen: 47.559 ng
RT: 11.226 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

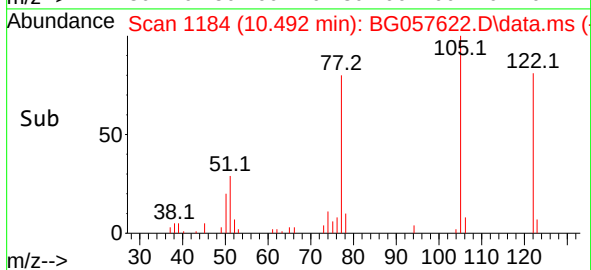
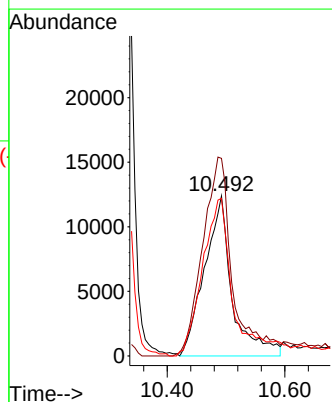
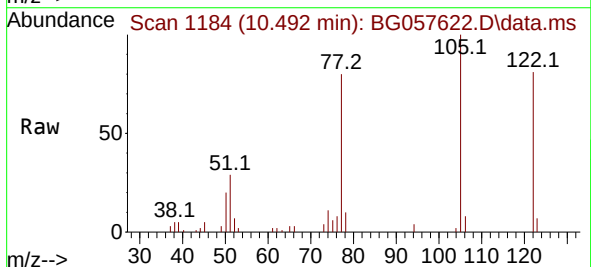
Instrument :
BNA_G
ClientSampleId :
SB16MS

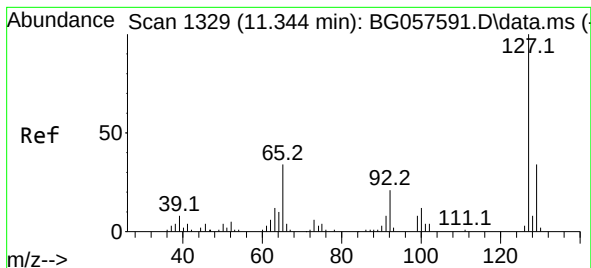
Tgt Ion:128 Resp: 240366
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 14.2 9.8 14.8



#32
Benzoic acid
Concen: 45.390 ng
RT: 10.492 min Scan# 1184
Delta R.T. 0.014 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:122 Resp: 40322
Ion Ratio Lower Upper
122 100
105 123.5 104.8 144.8
77 98.5 75.8 115.8





#33

4-Chloroaniline

Concen: 32.539 ng

RT: 11.338 min Scan# 11

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

Tgt Ion:127 Resp: 75627

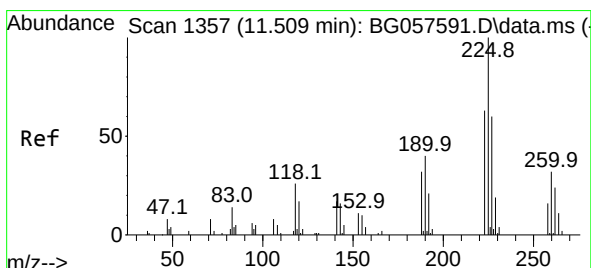
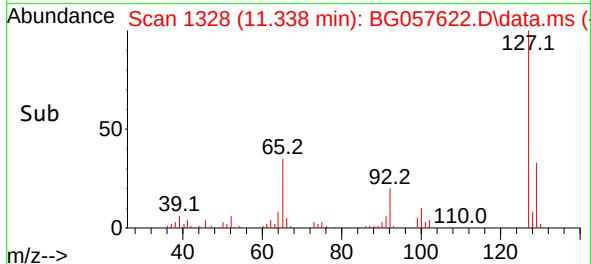
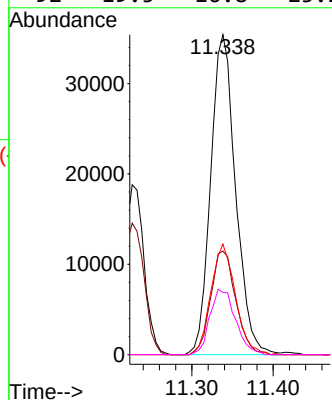
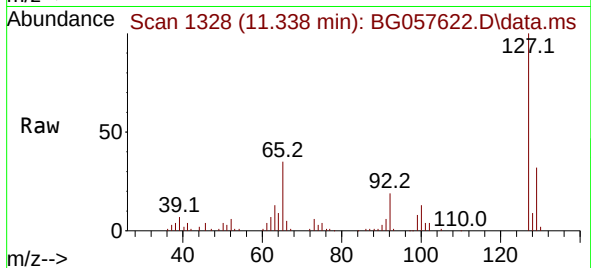
Ion Ratio Lower Upper

127 100

129 32.4 26.9 40.3

65 34.6 27.3 40.9

92 19.5 16.8 25.2



#34

Hexachlorobutadiene

Concen: 50.159 ng

RT: 11.497 min Scan# 1355

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

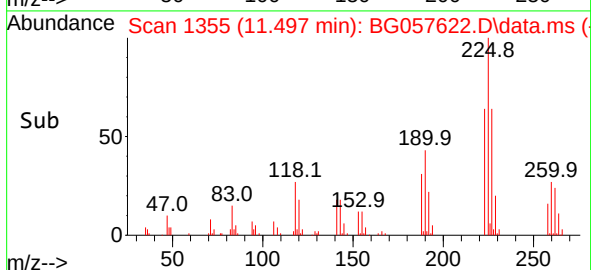
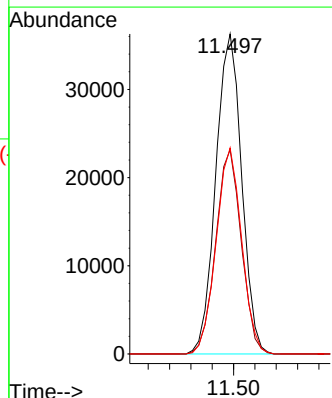
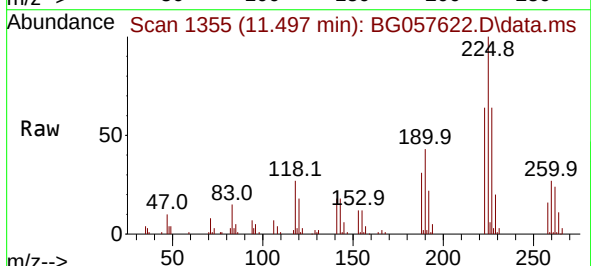
Tgt Ion:225 Resp: 61075

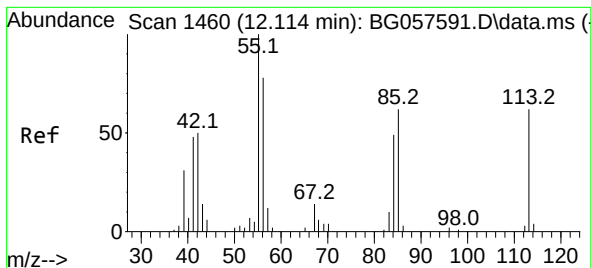
Ion Ratio Lower Upper

225 100

223 63.8 50.1 75.1

227 64.4 47.9 71.9

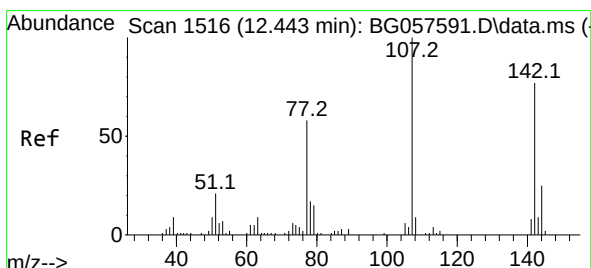
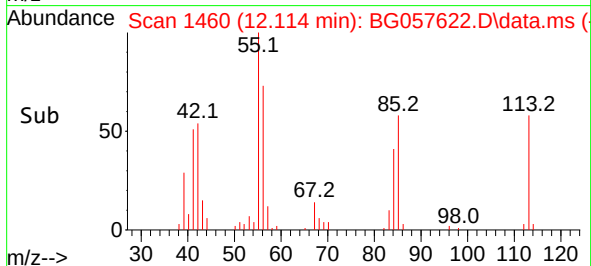
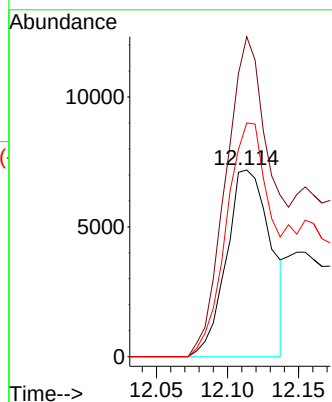
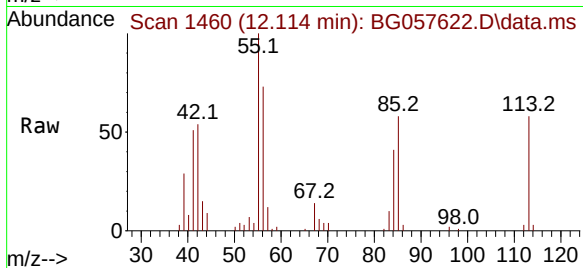




#35
Caprolactam
Concen: 23.297 ng
RT: 12.114 min Scan# 1460
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

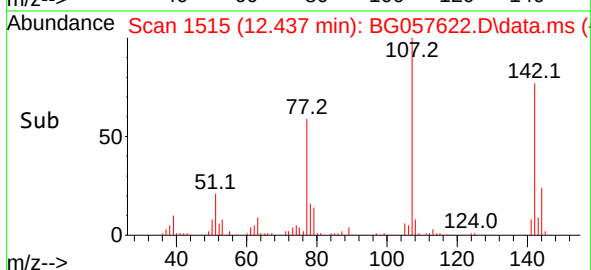
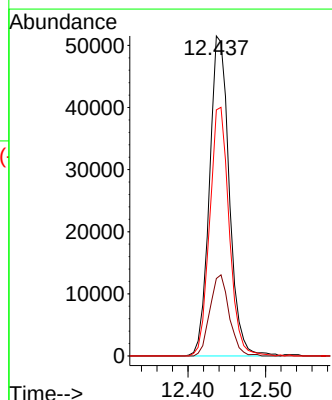
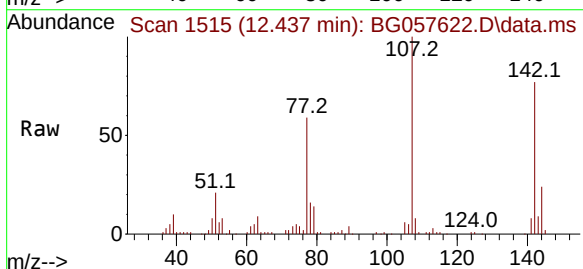
Instrument :
BNA_G
ClientSampleId :
SB16MS

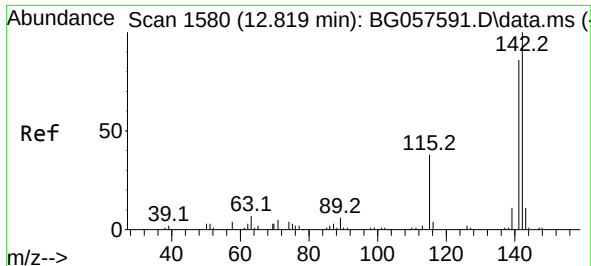
Tgt Ion:113 Resp: 15600
Ion Ratio Lower Upper
113 100
55 171.3 140.9 180.9
56 125.1 105.9 145.9



#36
4-Chloro-3-methylphenol
Concen: 47.808 ng
RT: 12.437 min Scan# 1515
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:107 Resp: 91407
Ion Ratio Lower Upper
107 100
144 24.2 19.7 29.5
142 76.9 61.6 92.4





#37

2-Methylnaphthalene

Concen: 44.618 ng

RT: 12.807 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

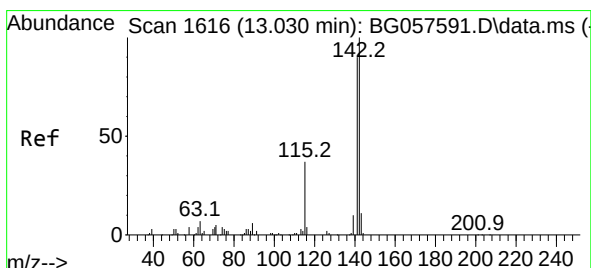
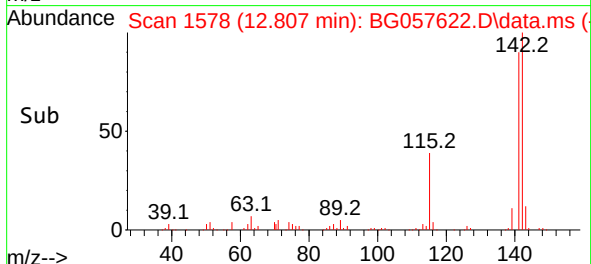
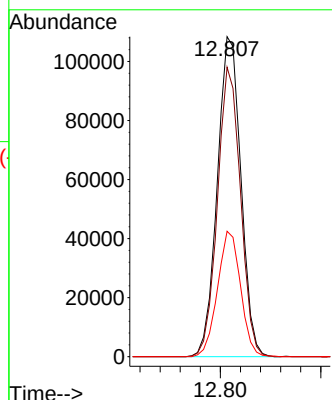
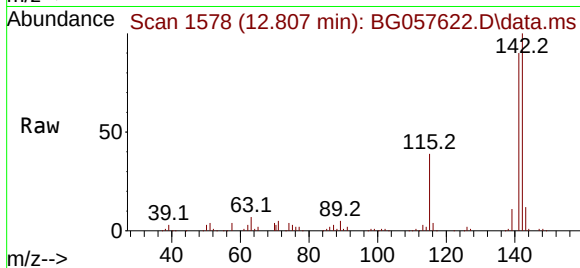
Tgt Ion:142 Resp: 176984

Ion Ratio Lower Upper

142 100

141 90.4 68.6 103.0

115 39.2 30.4 45.6



#38

1-Methylnaphthalene

Concen: 43.667 ng

RT: 13.024 min Scan# 1615

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

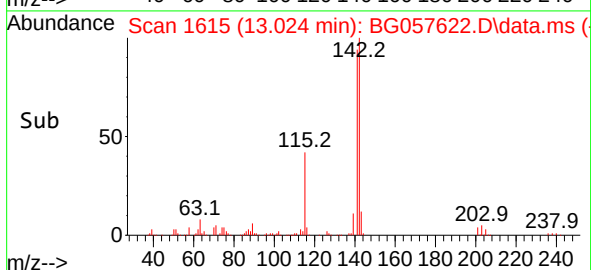
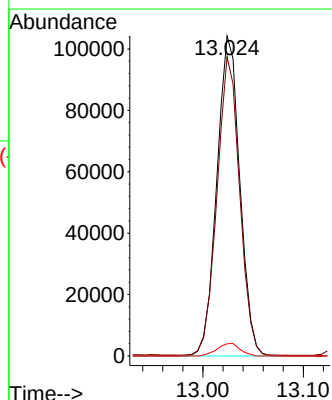
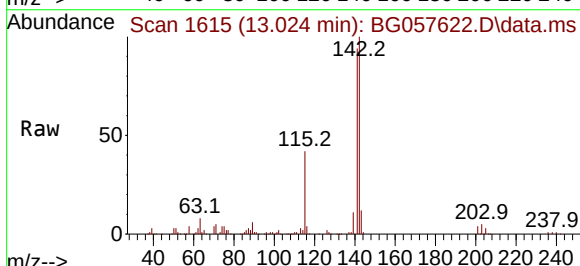
Tgt Ion:142 Resp: 165296

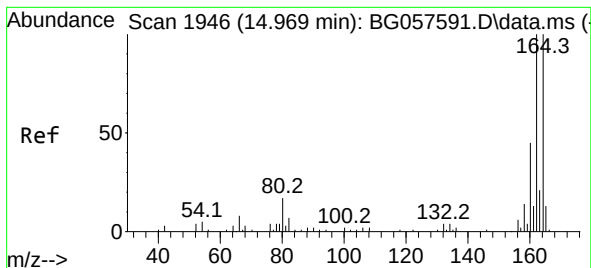
Ion Ratio Lower Upper

142 100

141 93.5 72.1 108.1

116 3.8 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.963 min Scan# 1945

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

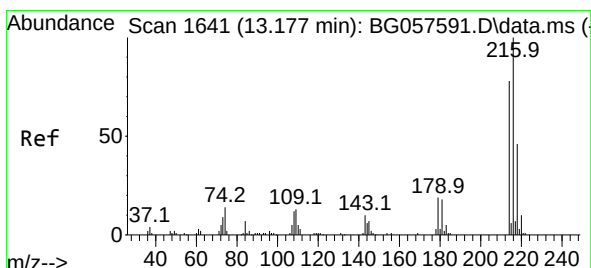
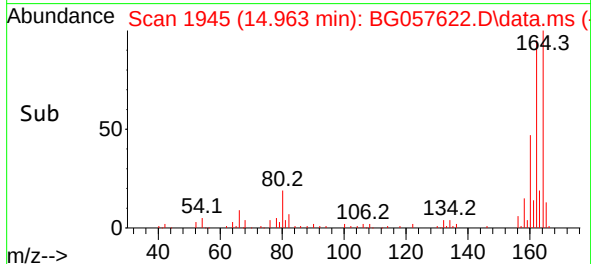
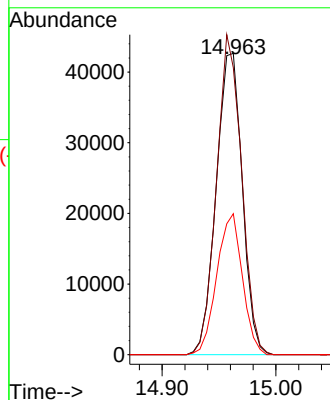
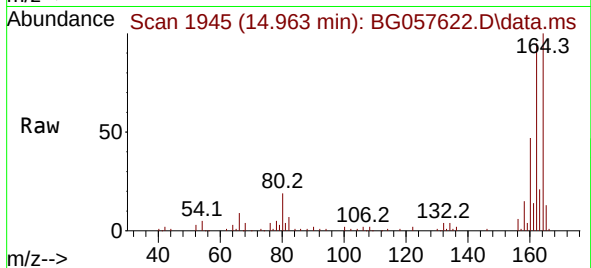
Tgt Ion:164 Resp: 68025

Ion Ratio Lower Upper

164 100

162 95.3 80.1 120.1

160 46.8 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.555 ng

RT: 13.171 min Scan# 1640

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Tgt Ion:216 Resp: 117345

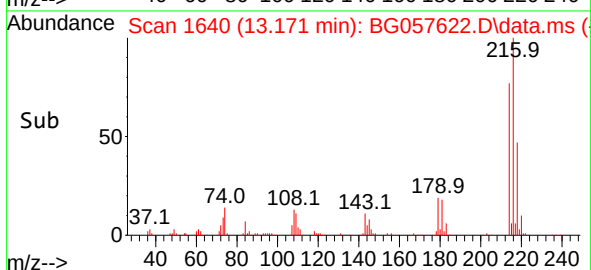
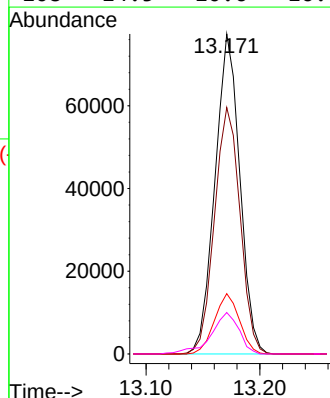
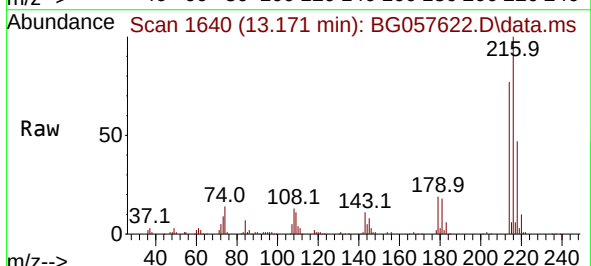
Ion Ratio Lower Upper

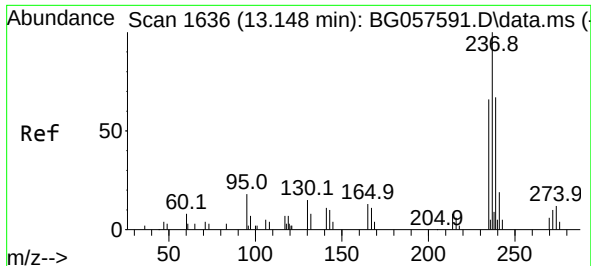
216 100

214 79.3 63.0 94.6

179 19.0 15.0 22.6

108 14.5 10.6 16.0

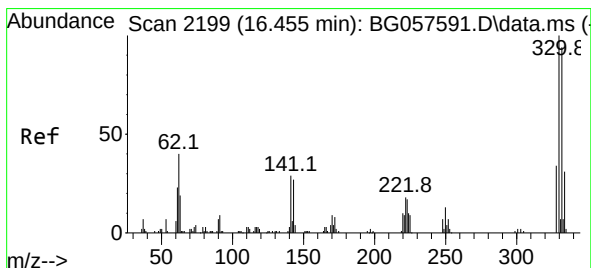
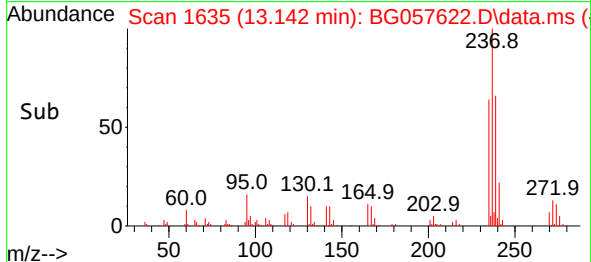
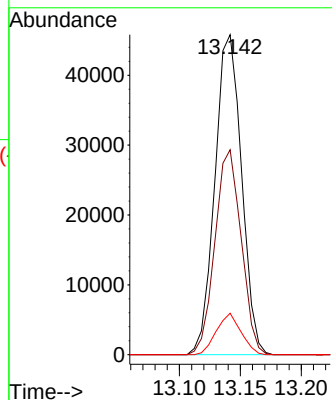
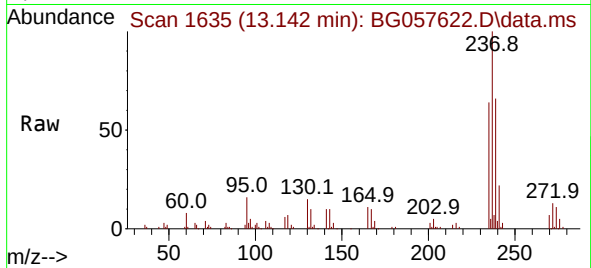




#41
Hexachlorocyclopentadiene
Concen: 103.685 ng
RT: 13.142 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

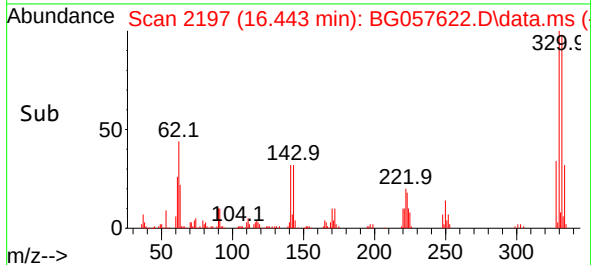
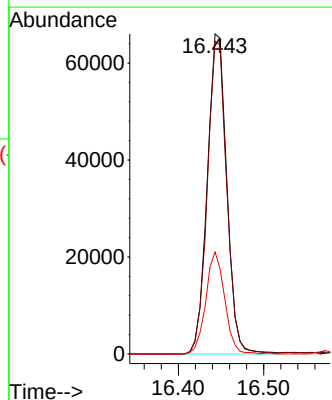
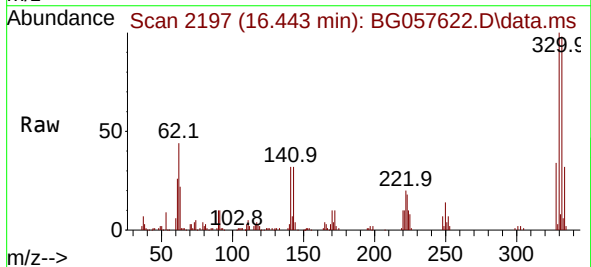
Instrument :
BNA_G
ClientSampleId :
SB16MS

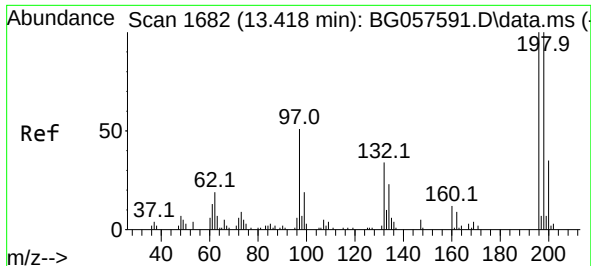
Tgt Ion:237 Resp: 69674
Ion Ratio Lower Upper
237 100
235 64.1 45.7 85.7
272 13.0 0.0 30.1



#42
2,4,6-Tribromophenol
Concen: 96.104 ng
RT: 16.443 min Scan# 2197
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:330 Resp: 104667
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 30.7 24.6 37.0

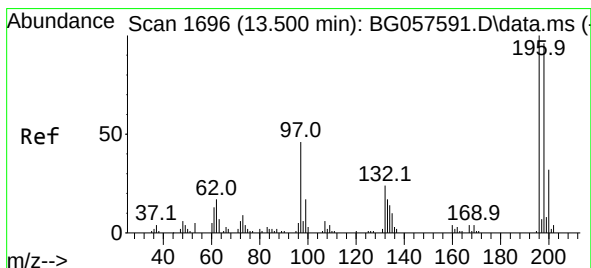
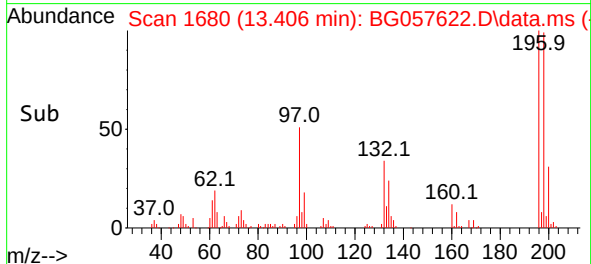
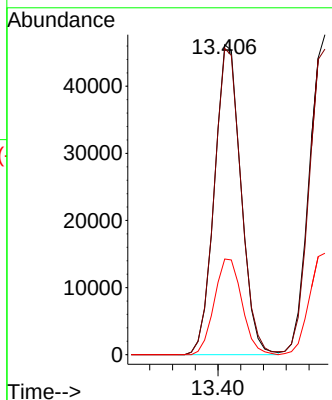
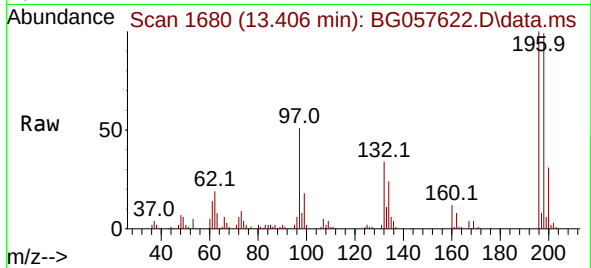




#43
2,4,6-Trichlorophenol
Concen: 53.113 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

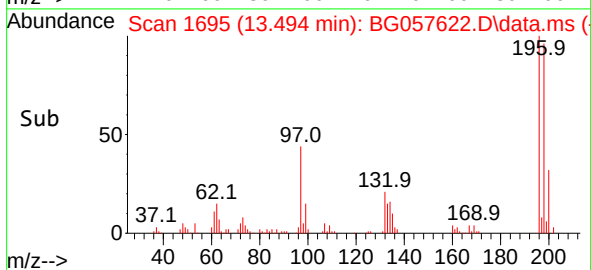
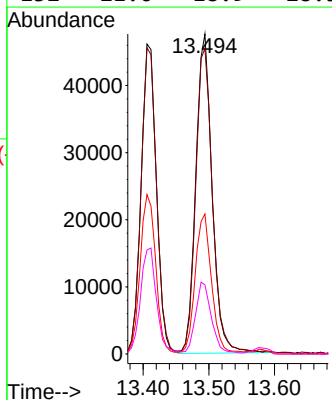
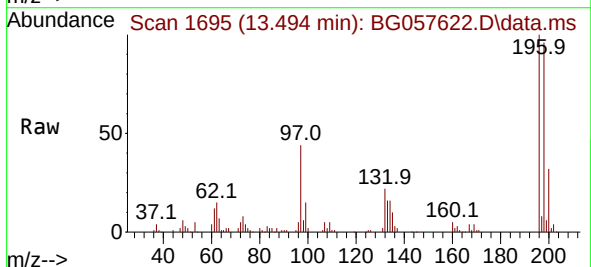
Instrument :
BNA_G
ClientSampleId :
SB16MS

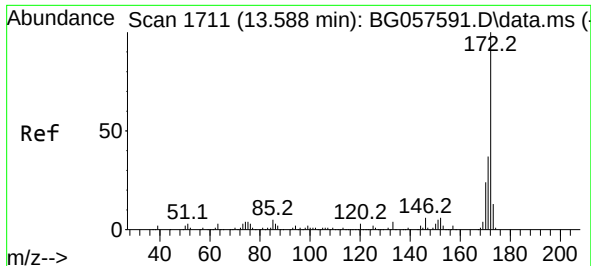
Tgt Ion:196 Resp: 74660
Ion Ratio Lower Upper
196 100
198 98.8 79.6 119.4
200 30.9 28.2 42.2



#44
2,4,5-Trichlorophenol
Concen: 49.369 ng
RT: 13.494 min Scan# 1695
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:196 Resp: 82652
Ion Ratio Lower Upper
196 100
198 95.5 76.9 115.3
97 43.8 36.6 55.0
132 21.6 18.9 28.3

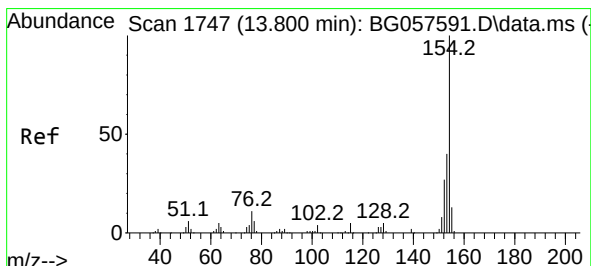
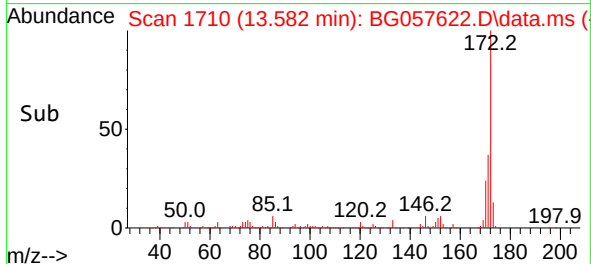
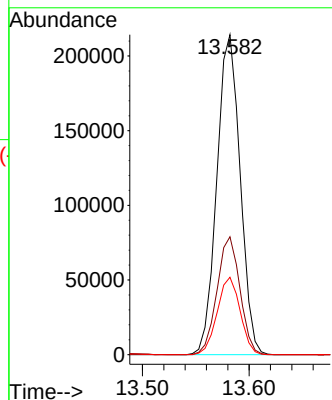
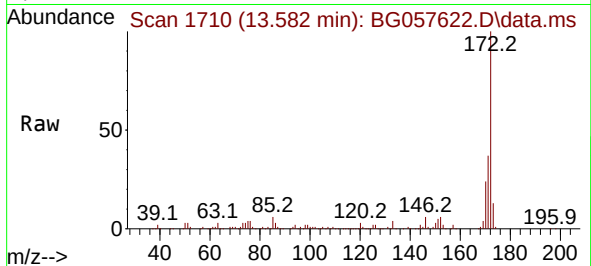




#45
2-Fluorobiphenyl
Concen: 68.632 ng
RT: 13.582 min Scan# 1710
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

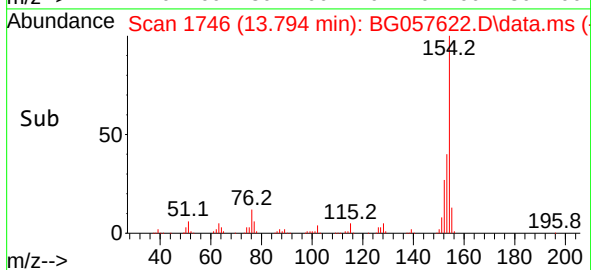
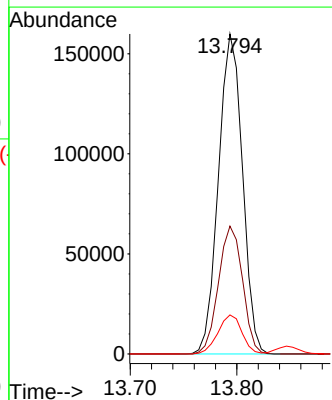
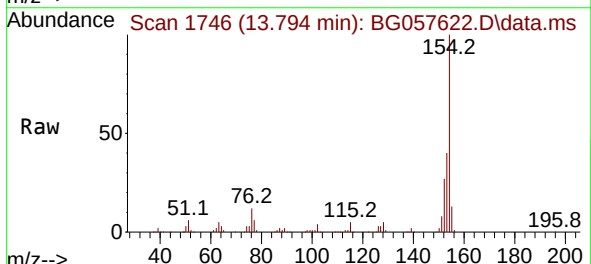
Instrument :
BNA_G
ClientSampleId :
SB16MS

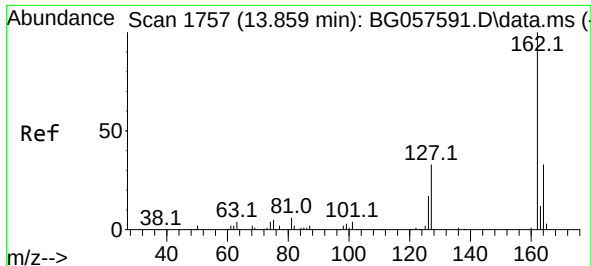
Tgt Ion:172 Resp: 324866
Ion Ratio Lower Upper
172 100
171 36.9 29.2 43.8
170 24.2 19.0 28.4



#46
1,1'-Biphenyl
Concen: 51.311 ng
RT: 13.794 min Scan# 1746
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:154 Resp: 249467
Ion Ratio Lower Upper
154 100
153 39.9 19.6 59.6
76 12.2 0.0 30.9

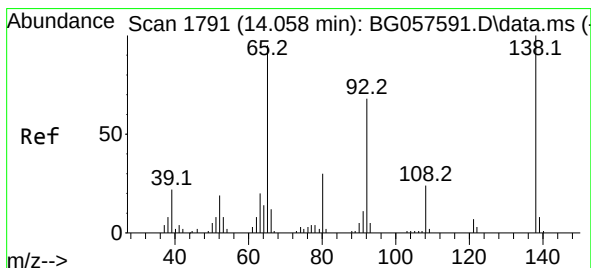
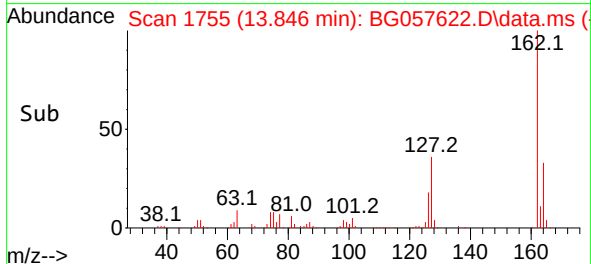
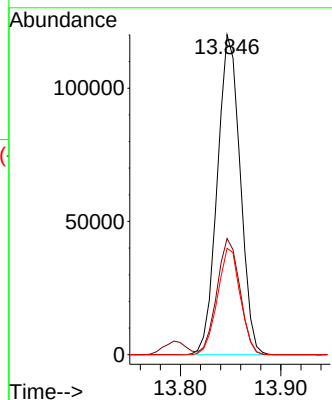
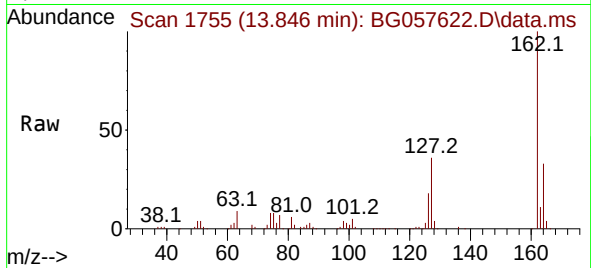




#47
2-Chloronaphthalene
Concen: 51.799 ng
RT: 13.846 min Scan# 1755
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

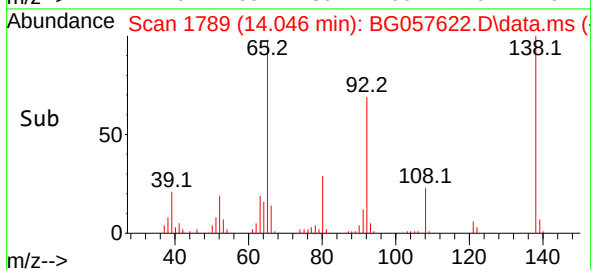
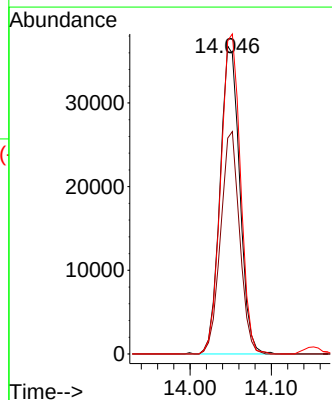
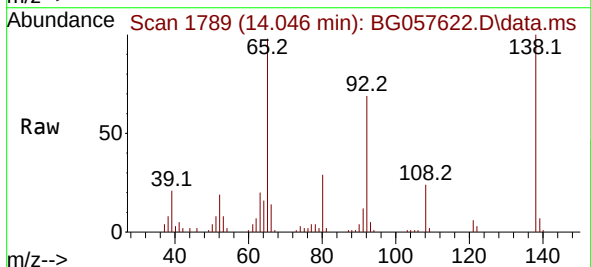
Instrument :
BNA_G
ClientSampleId :
SB16MS

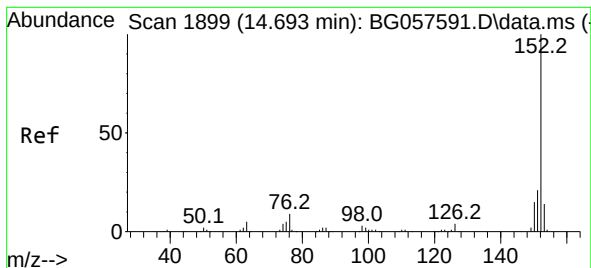
Tgt Ion:162 Resp: 189689
Ion Ratio Lower Upper
162 100
127 36.3 28.2 42.2
164 33.3 26.1 39.1



#48
2-Nitroaniline
Concen: 48.212 ng
RT: 14.046 min Scan# 1789
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion: 65 Resp: 61844
Ion Ratio Lower Upper
65 100
92 70.1 57.3 85.9
138 101.8 84.6 127.0





#49

Acenaphthylene

Concen: 48.559 ng

RT: 14.686 min Scan# 1898

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

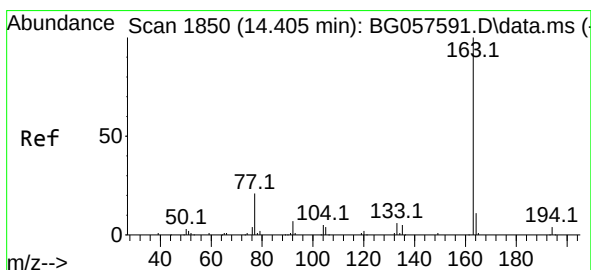
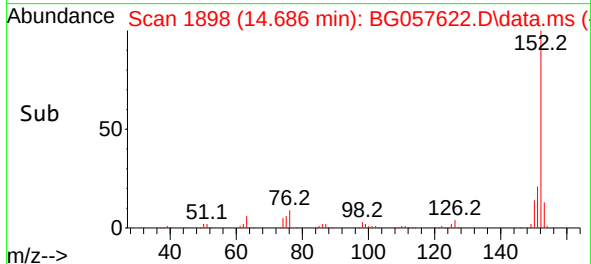
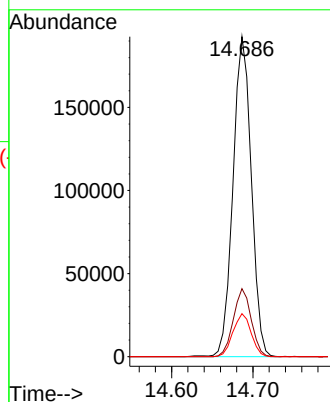
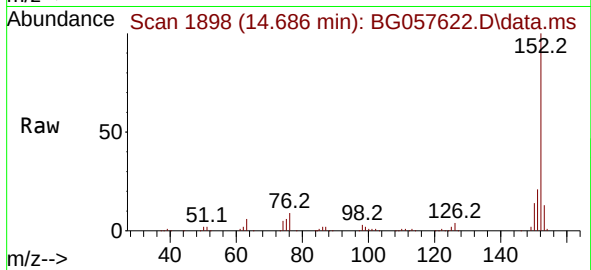
Tgt Ion:152 Resp: 301120

Ion Ratio Lower Upper

152 100

151 21.3 16.5 24.7

153 13.5 11.0 16.4



#50

Dimethylphthalate

Concen: 45.187 ng

RT: 14.399 min Scan# 1849

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

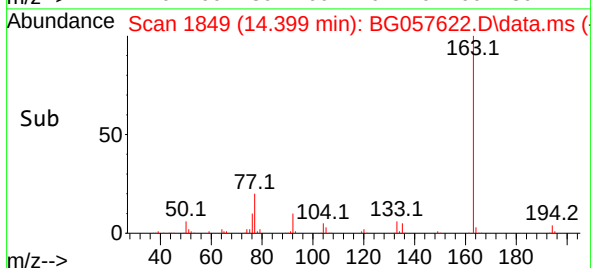
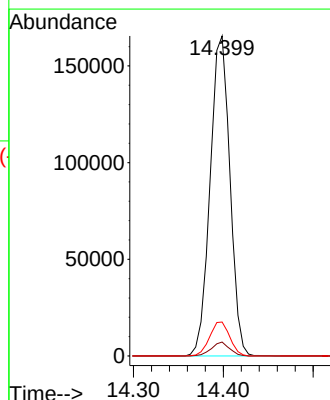
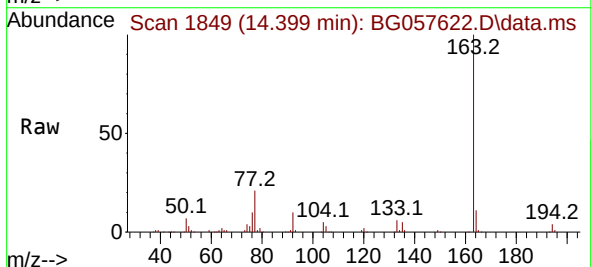
Tgt Ion:163 Resp: 253344

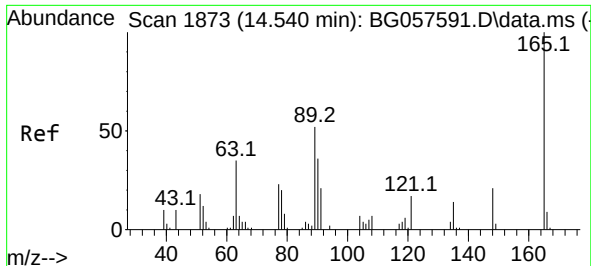
Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4

164 10.6 8.5 12.7

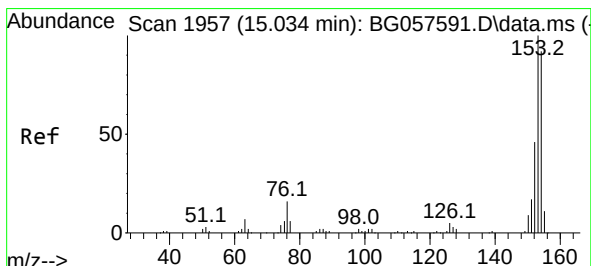
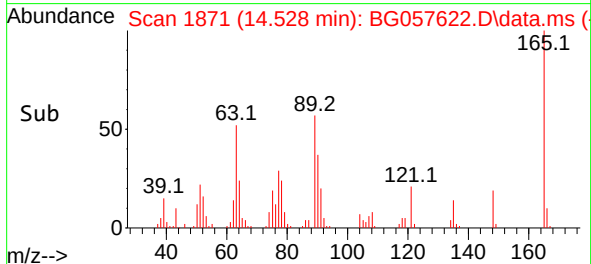
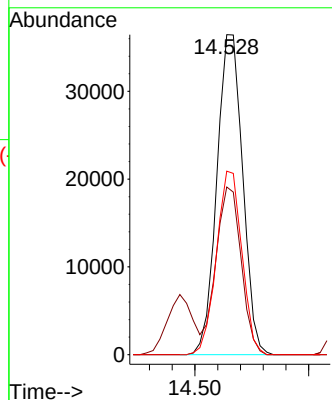
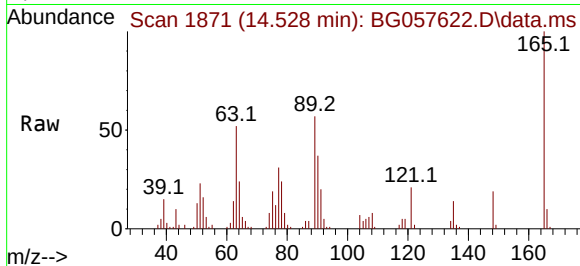




#51
2,6-Dinitrotoluene
Concen: 47.922 ng
RT: 14.528 min Scan# 1871
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

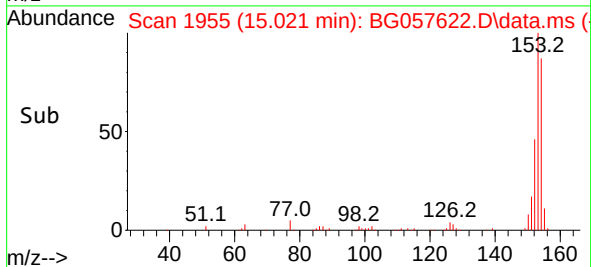
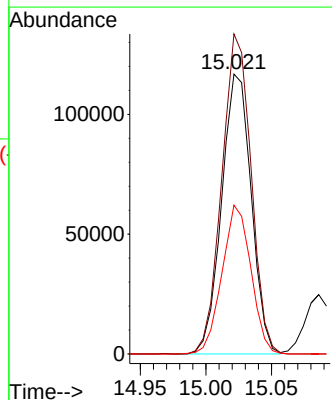
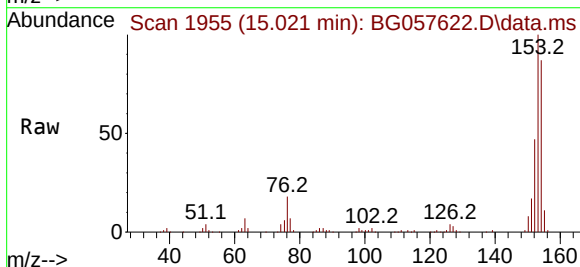
Instrument :
BNA_G
ClientSampleId :
SB16MS

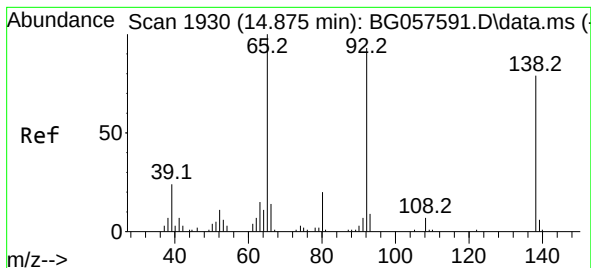
Tgt Ion:165 Resp: 57514
Ion Ratio Lower Upper
165 100
63 52.4 39.3 58.9
89 57.4 41.5 62.3



#52
Acenaphthene
Concen: 48.361 ng
RT: 15.021 min Scan# 1955
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:154 Resp: 183505
Ion Ratio Lower Upper
154 100
153 114.3 87.4 131.0
152 53.2 40.2 60.4

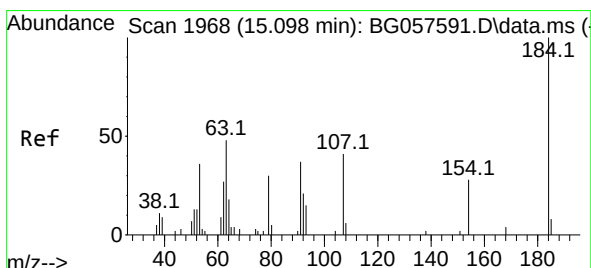
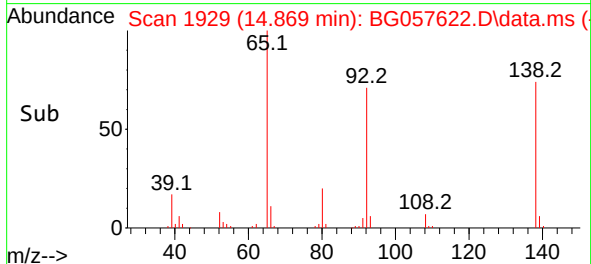
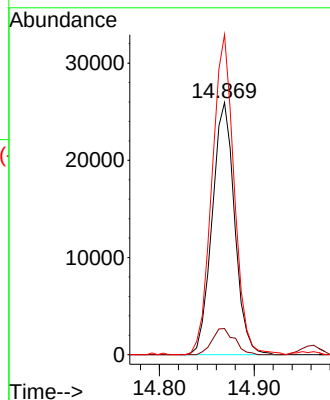
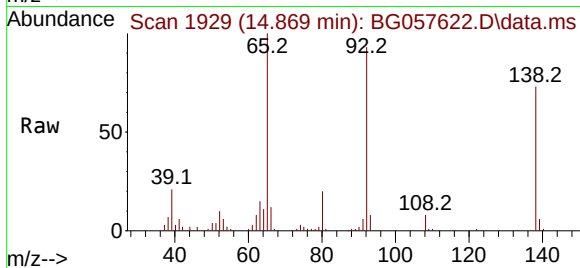




#53
3-Nitroaniline
Concen: 34.036 ng
RT: 14.869 min Scan# 1929
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

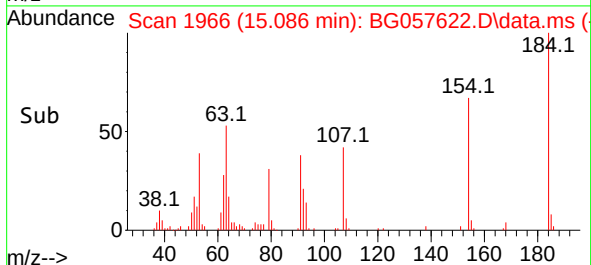
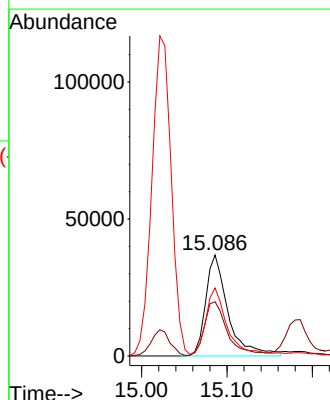
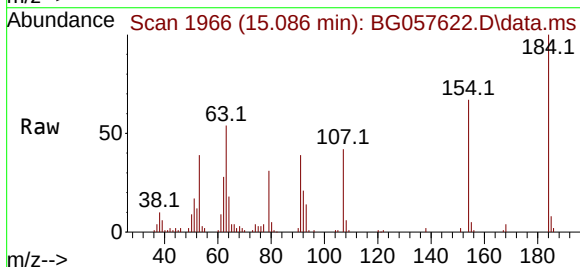
Instrument :
BNA_G
ClientSampleId :
SB16MS

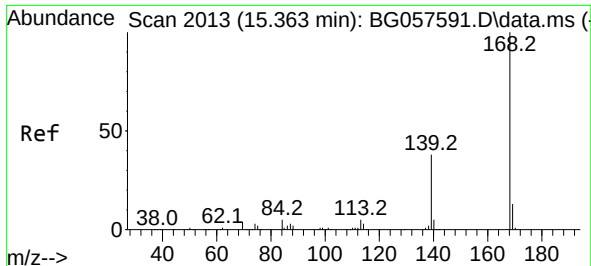
Tgt Ion:138 Resp: 42606
Ion Ratio Lower Upper
138 100
108 10.3 7.1 10.7
92 126.9 94.9 142.3



#54
2,4-Dinitrophenol
Concen: 91.628 ng
RT: 15.086 min Scan# 1966
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:184 Resp: 67166
Ion Ratio Lower Upper
184 100
63 53.7 41.4 62.2
154 67.3 52.5 78.7

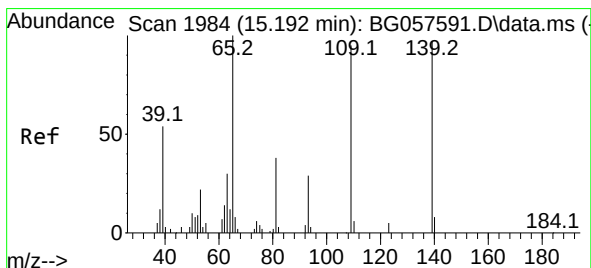
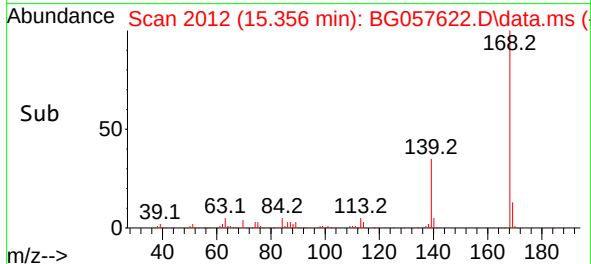
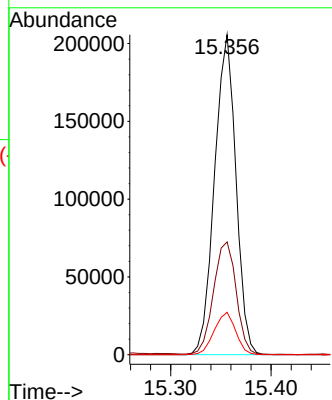
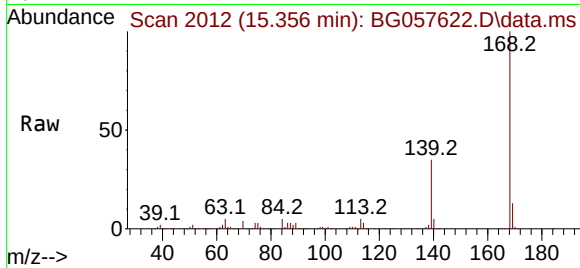




#55
Dibenzofuran
Concen: 46.818 ng
RT: 15.356 min Scan# 2013
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

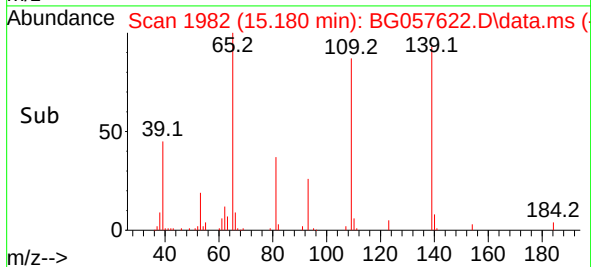
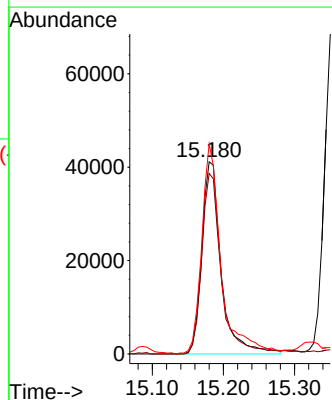
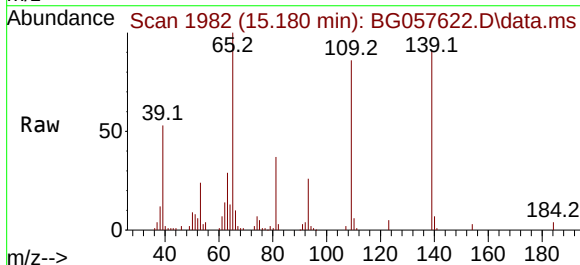
Instrument :
BNA_G
ClientSampleId :
SB16MS

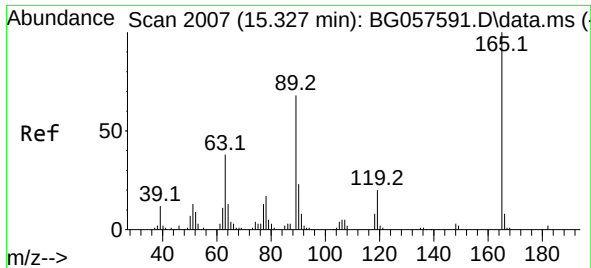
Tgt Ion:168 Resp: 303552
Ion Ratio Lower Upper
168 100
139 35.3 30.6 46.0
169 13.2 10.6 16.0



#56
4-Nitrophenol
Concen: 93.792 ng
RT: 15.180 min Scan# 1982
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:139 Resp: 78226
Ion Ratio Lower Upper
139 100
109 93.9 78.2 118.2
65 109.3 83.2 123.2

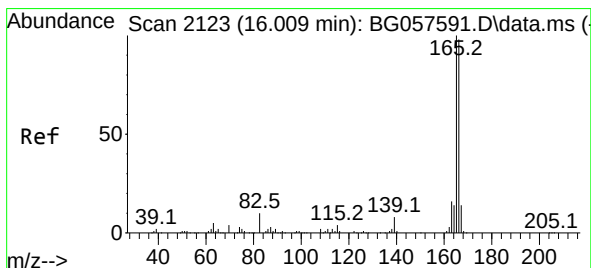
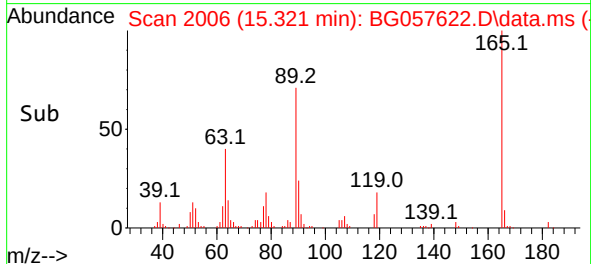
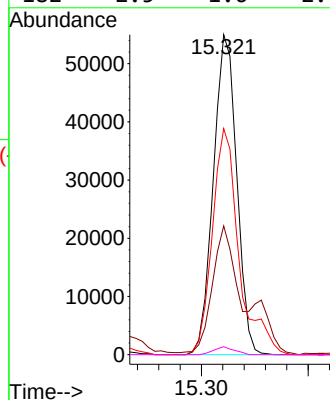
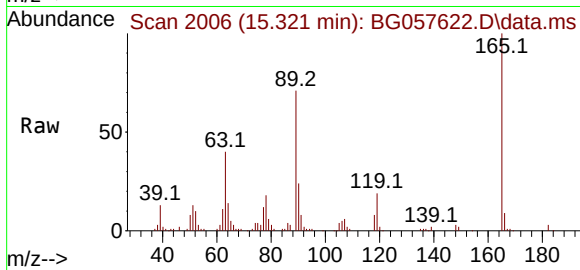




#57
2,4-Dinitrotoluene
Concen: 46.614 ng
RT: 15.321 min Scan# 2007
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

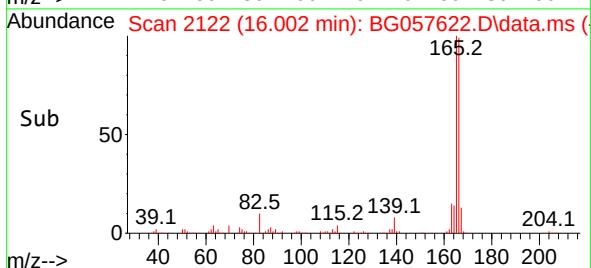
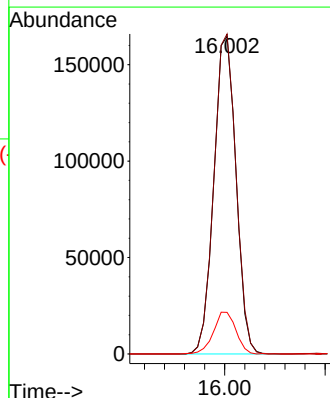
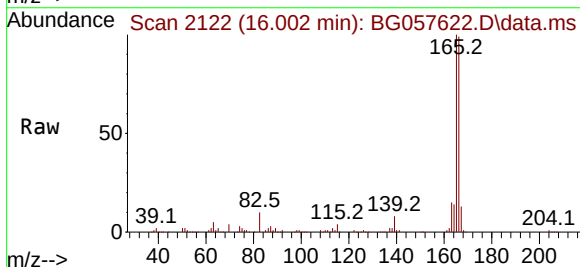
Instrument :
BNA_G
ClientSampleId :
SB16MS

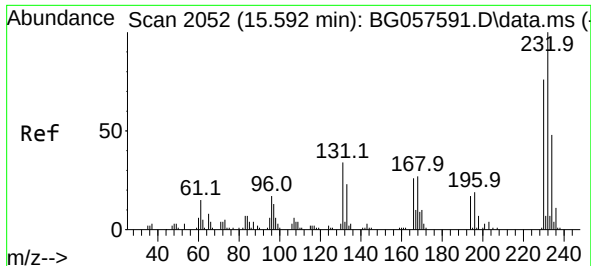
Tgt Ion:165 Resp: 83763
Ion Ratio Lower Upper
165 100
63 40.2 30.6 45.8
89 70.7 54.2 81.2
182 2.5 1.6 2.4#



#58
Fluorene
Concen: 46.106 ng
RT: 16.002 min Scan# 2122
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:166 Resp: 252403
Ion Ratio Lower Upper
166 100
165 100.7 81.2 121.8
167 13.1 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 46.323 ng

RT: 15.579 min Scan# 2052

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

Tgt Ion:232 Resp: 72654

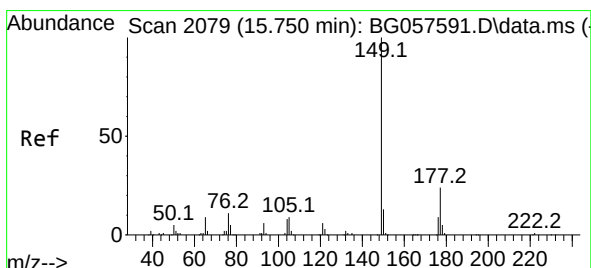
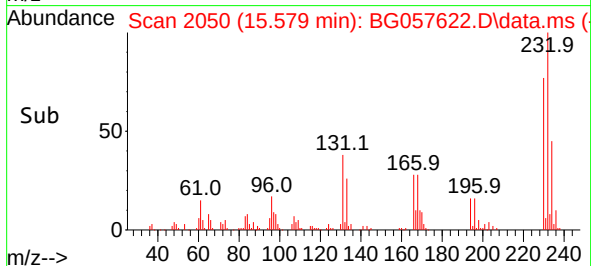
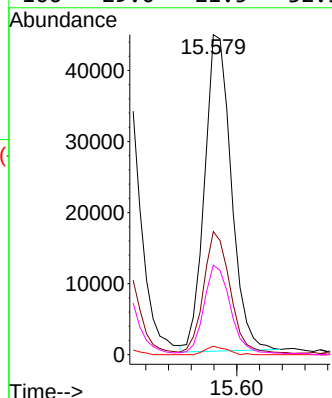
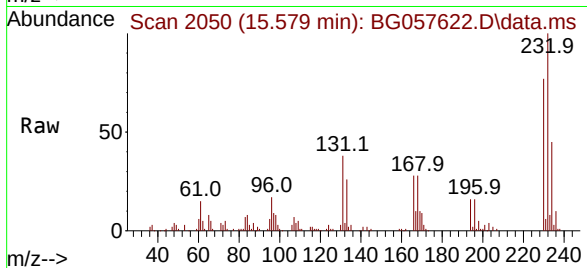
Ion Ratio Lower Upper

232 100

131 38.6 28.6 43.0

130 2.2 1.8 2.6

166 29.0 21.5 32.3



#60

Diethylphthalate

Concen: 44.689 ng

RT: 15.738 min Scan# 2077

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

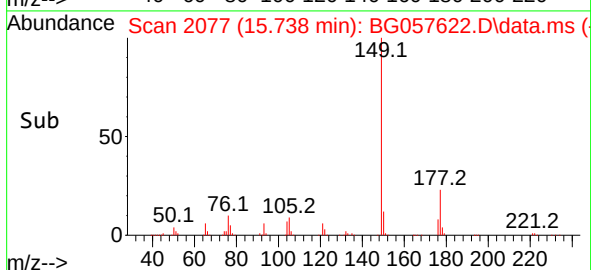
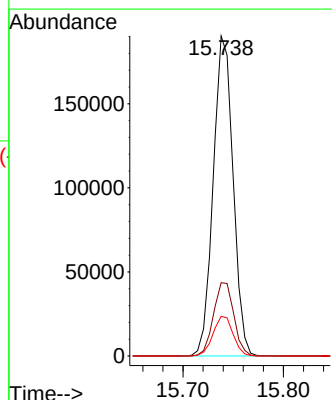
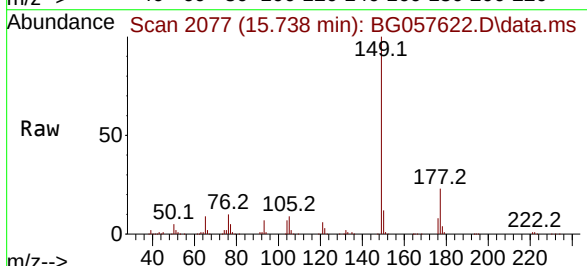
Tgt Ion:149 Resp: 261512

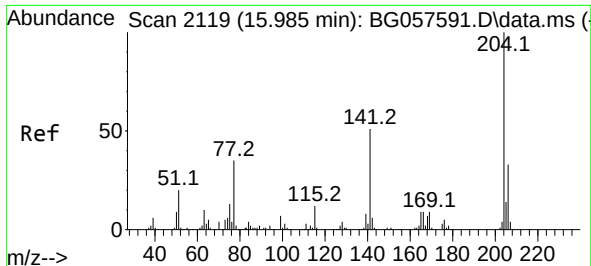
Ion Ratio Lower Upper

149 100

177 22.9 19.0 28.6

150 12.4 10.1 15.1

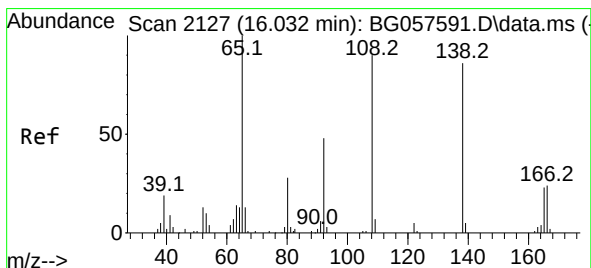
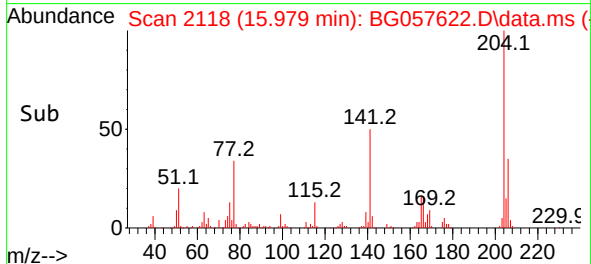
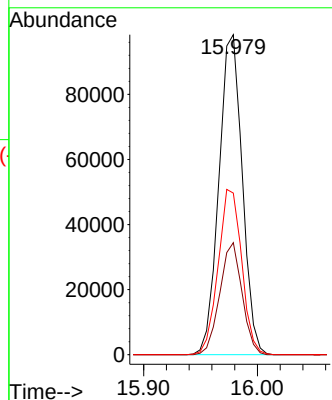
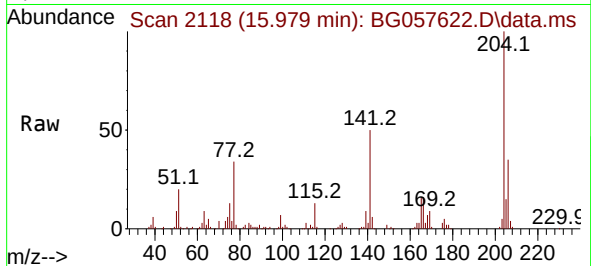




#61
4-Chlorophenyl-phenylether
Concen: 46.030 ng
RT: 15.979 min Scan# 2119
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

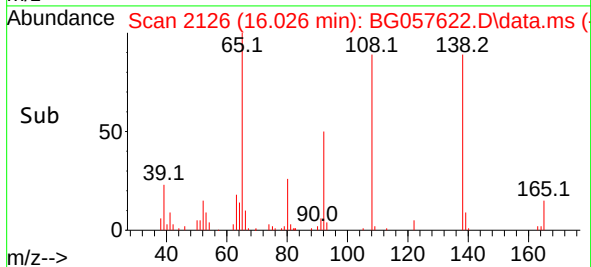
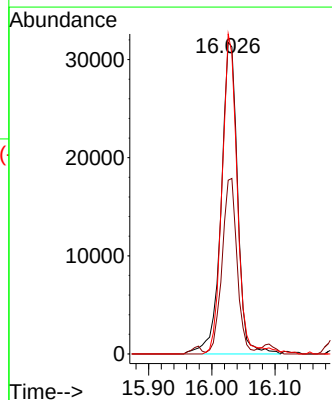
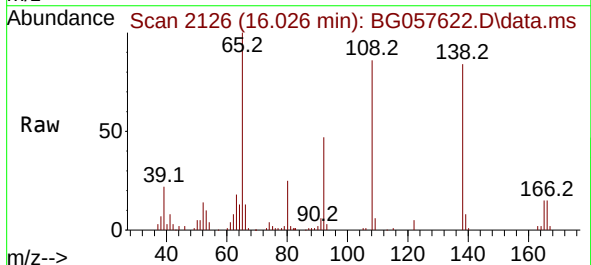
Instrument :
BNA_G
ClientSampleId :
SB16MS

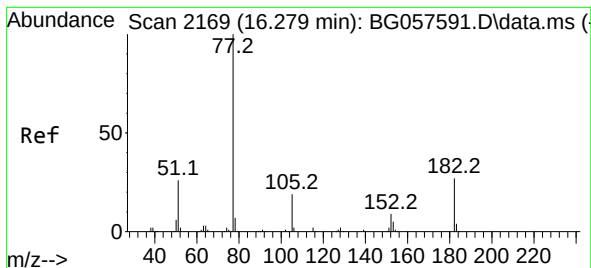
Tgt Ion:204 Resp: 140434
Ion Ratio Lower Upper
204 100
206 35.0 26.6 39.8
141 50.5 40.8 61.2



#62
4-Nitroaniline
Concen: 42.542 ng
RT: 16.026 min Scan# 2126
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:138 Resp: 57445
Ion Ratio Lower Upper
138 100
92 55.7 36.4 76.4
108 102.7 85.4 125.4





#63

Azobenzene

Concen: 50.305 ng

RT: 16.273 min Scan# 2168

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

Tgt Ion: 77 Resp: 261796

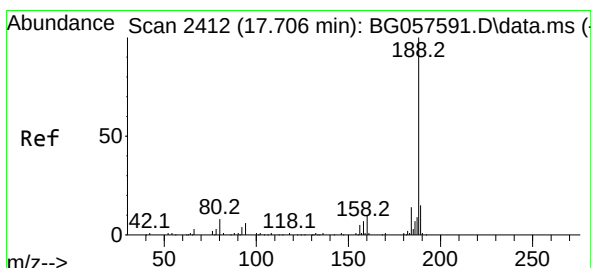
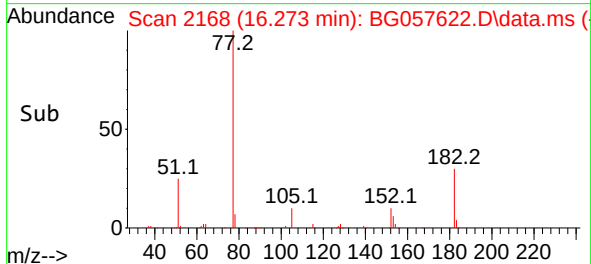
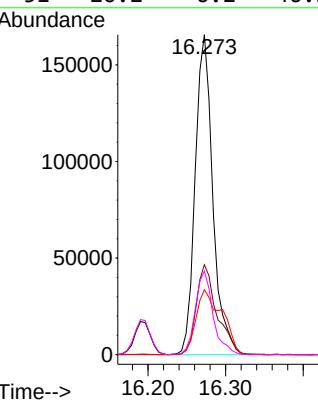
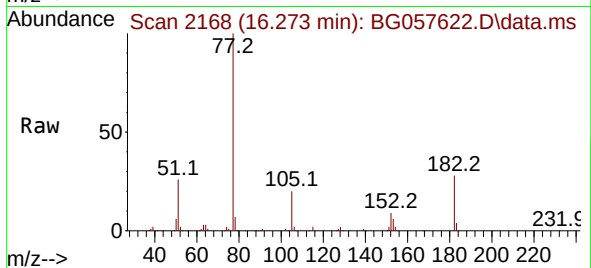
Ion Ratio Lower Upper

77 100

182 28.1 7.4 47.4

105 20.3 0.0 39.4

51 26.2 6.2 46.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.700 min Scan# 2411

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

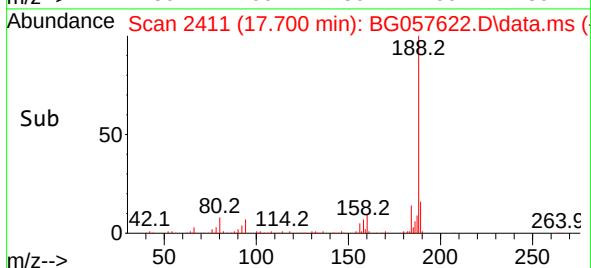
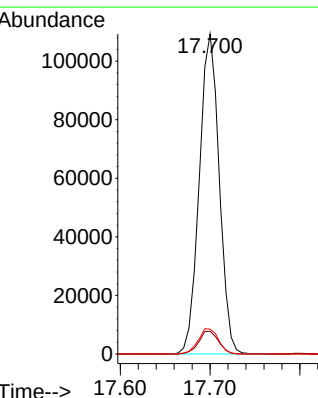
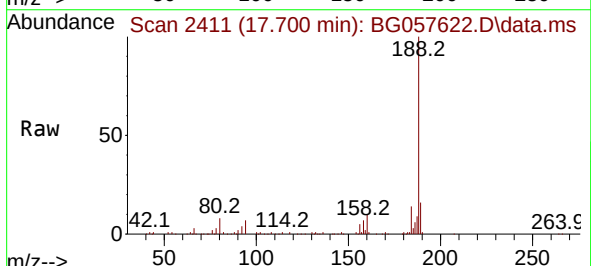
Tgt Ion: 188 Resp: 168157

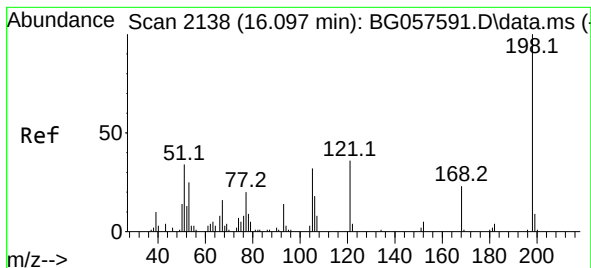
Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

80 7.8 6.7 10.1

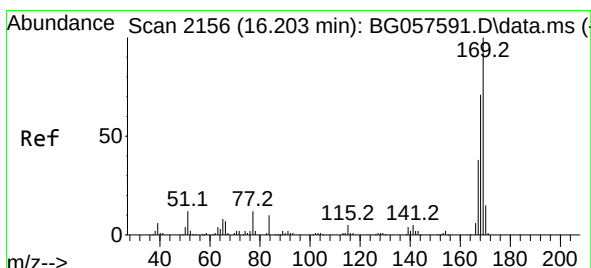
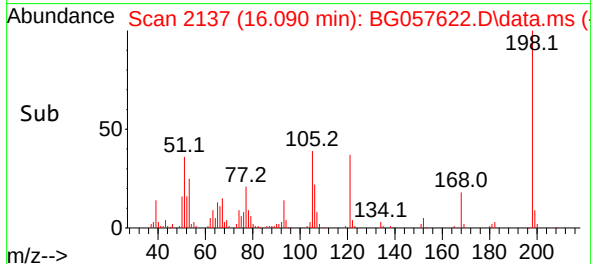
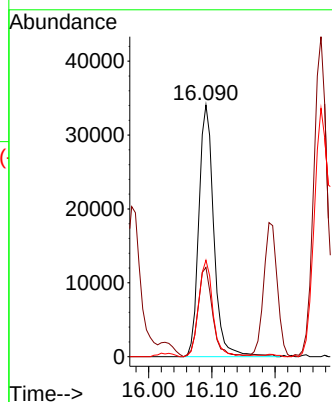
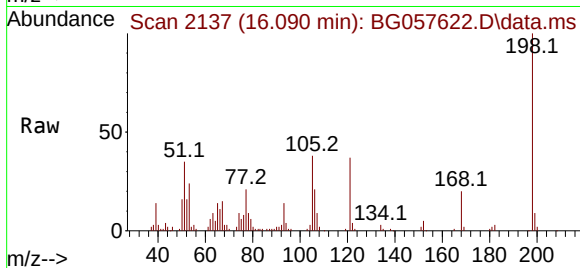




#65
4,6-Dinitro-2-methylphenol
Concen: 54.775 ng
RT: 16.090 min Scan# 2138
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

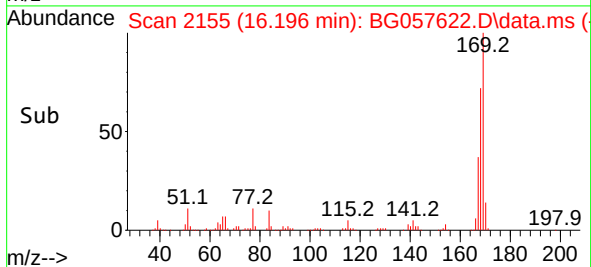
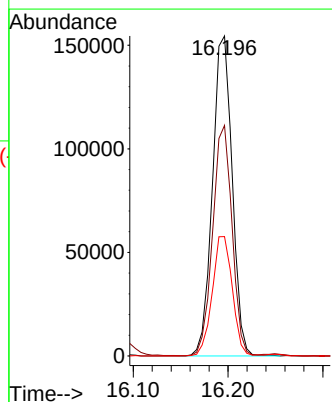
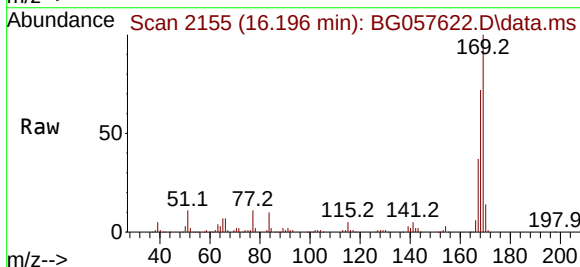
Instrument :
BNA_G
ClientSampleId :
SB16MS

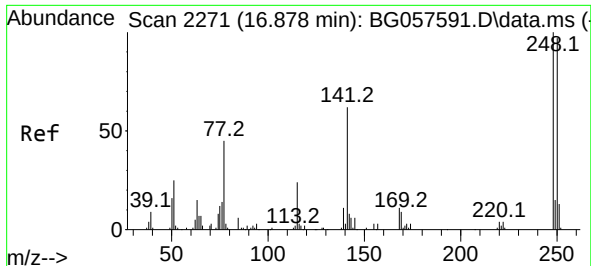
Tgt Ion:198 Resp: 56083
Ion Ratio Lower Upper
198 100
51 35.5 14.9 54.9
105 38.3 11.8 51.8



#66
n-Nitrosodiphenylamine
Concen: 50.945 ng
RT: 16.196 min Scan# 2155
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:169 Resp: 222661
Ion Ratio Lower Upper
169 100
168 72.0 56.7 85.1
167 37.3 30.7 46.1

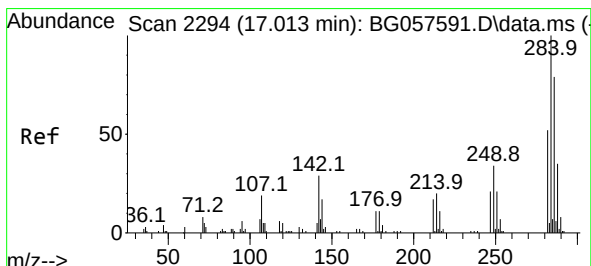
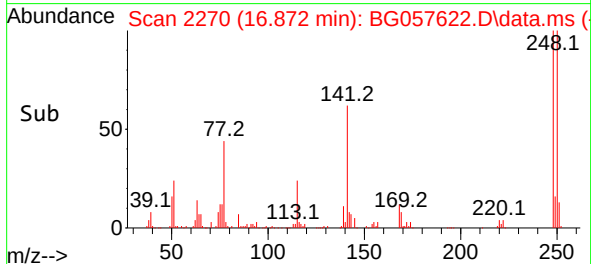
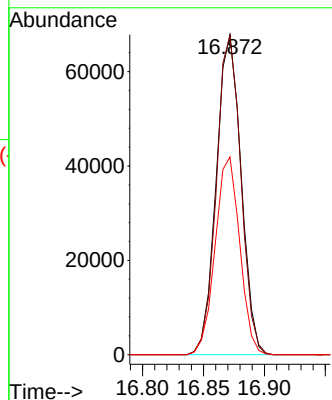
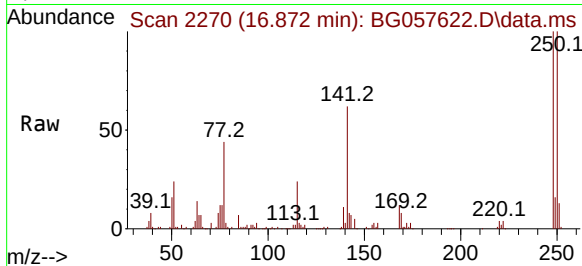




#67
4-Bromophenyl-phenylether
Concen: 50.897 ng
RT: 16.872 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

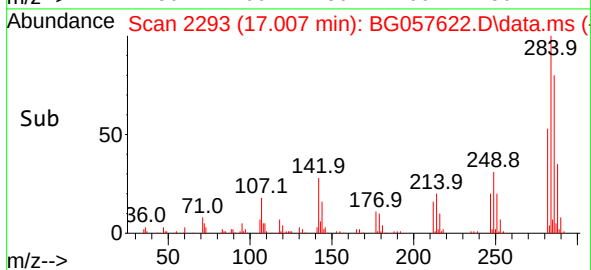
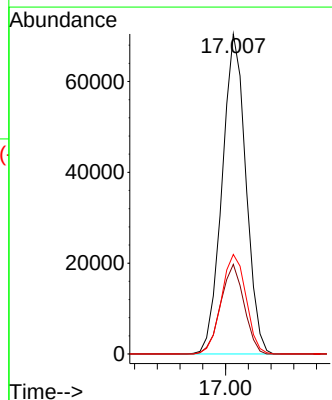
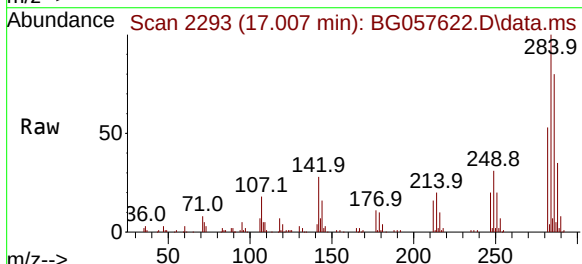
Instrument :
BNA_G
ClientSampleId :
SB16MS

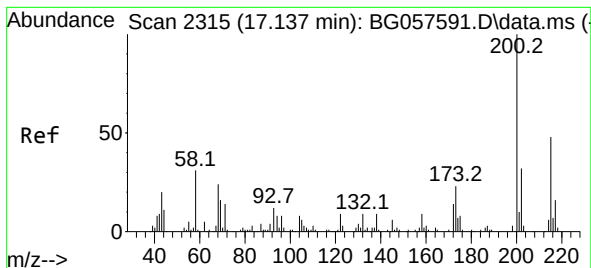
Tgt Ion:248 Resp: 96006
Ion Ratio Lower Upper
248 100
250 99.6 77.4 116.2
141 61.8 49.4 74.0



#68
Hexachlorobenzene
Concen: 52.564 ng
RT: 17.007 min Scan# 2293
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:284 Resp: 102204
Ion Ratio Lower Upper
284 100
142 28.0 22.9 34.3
249 31.1 27.0 40.4





#69

Atrazine

Concen: 54.364 ng

RT: 17.130 min Scan# 21

Delta R.T. 0.008 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

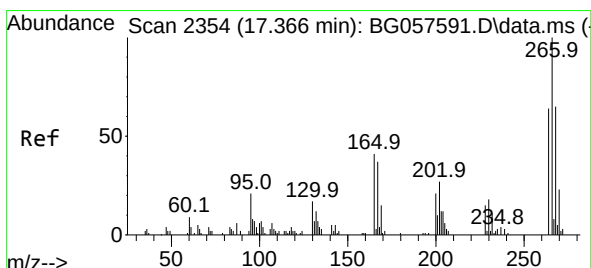
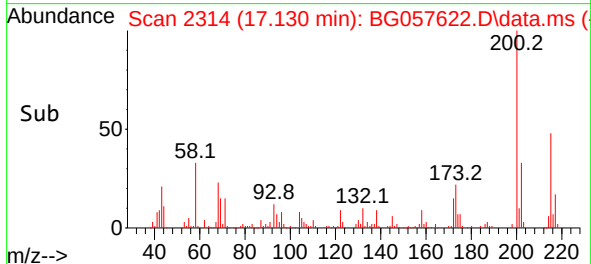
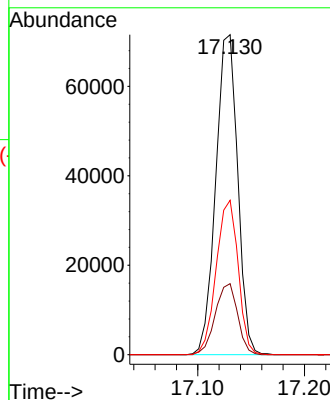
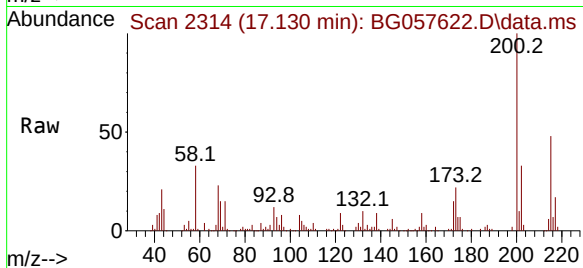
Tgt Ion:200 Resp: 102013

Ion Ratio Lower Upper

200 100

173 22.2 3.2 43.2

215 48.3 28.4 68.4



#70

Pentachlorophenol

Concen: 93.698 ng

RT: 17.353 min Scan# 2352

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

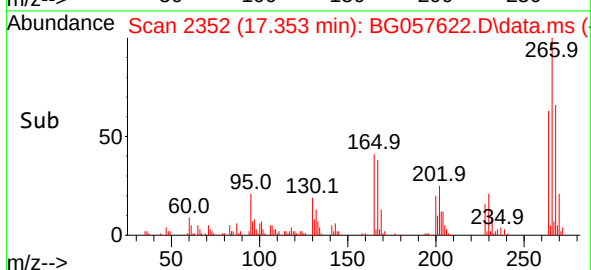
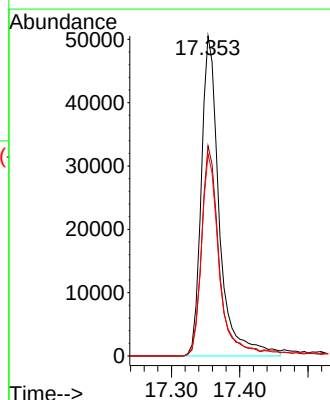
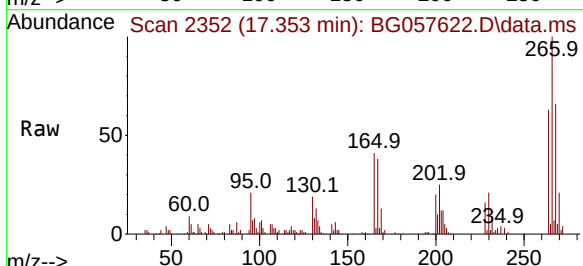
Tgt Ion:266 Resp: 92829

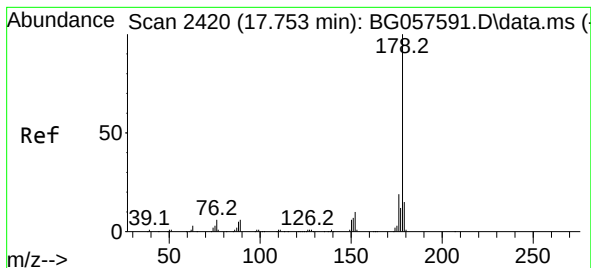
Ion Ratio Lower Upper

266 100

268 65.6 52.2 78.4

264 63.1 51.2 76.8





#71

Phenanthrene

Concen: 49.023 ng

RT: 17.741 min Scan# 2418

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

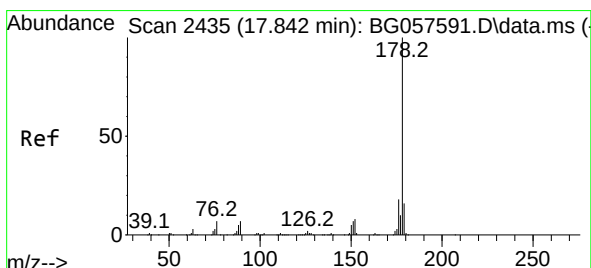
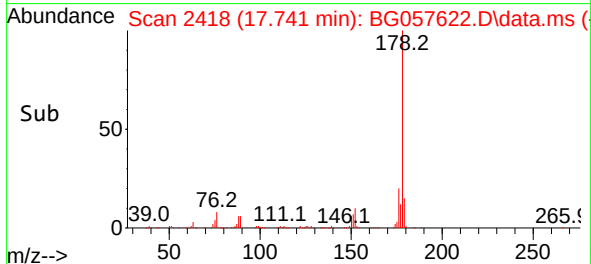
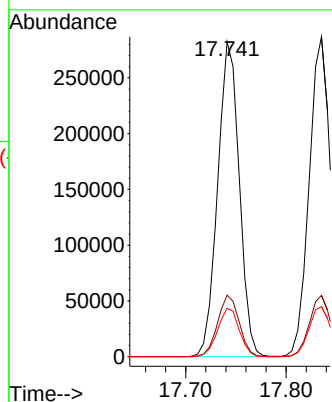
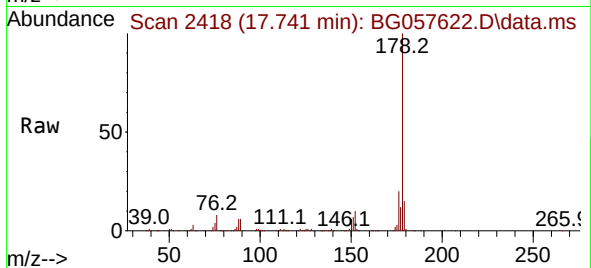
Tgt Ion:178 Resp: 421852

Ion Ratio Lower Upper

178 100

176 19.5 15.3 22.9

179 15.4 12.0 18.0



#72

Anthracene

Concen: 48.252 ng

RT: 17.835 min Scan# 2434

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

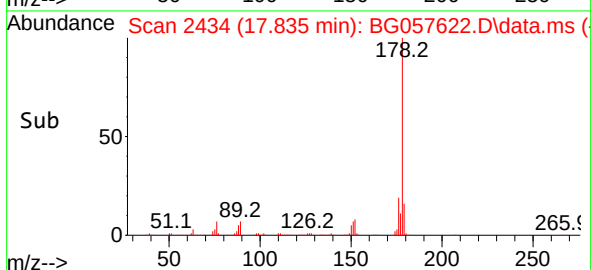
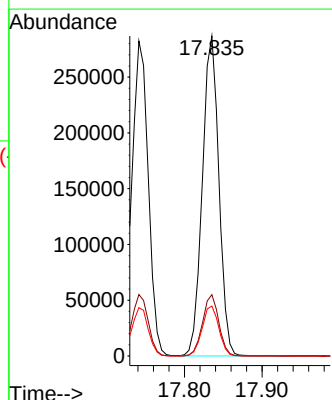
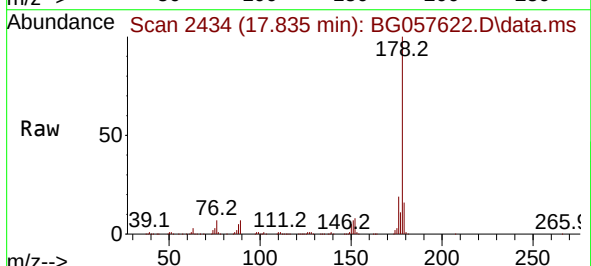
Tgt Ion:178 Resp: 425960

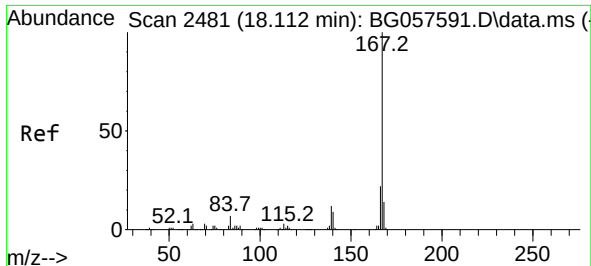
Ion Ratio Lower Upper

178 100

176 19.1 14.6 22.0

179 15.6 12.6 18.8

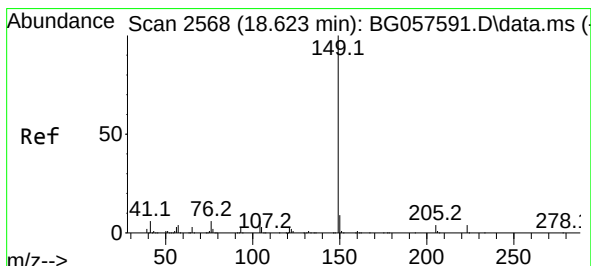
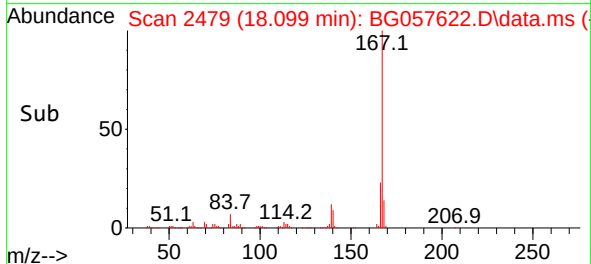
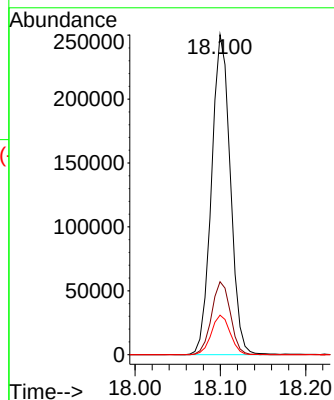
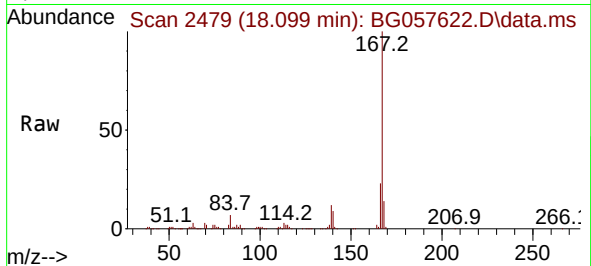




#73
Carbazole
Concen: 48.458 ng
RT: 18.099 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

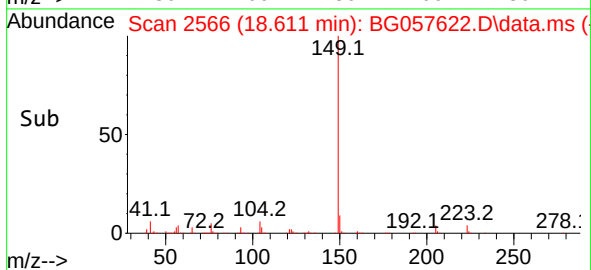
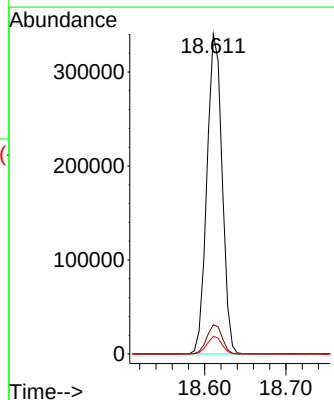
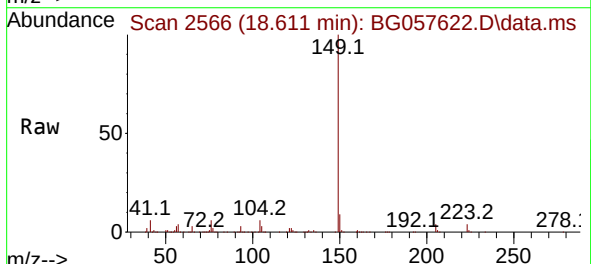
Instrument :
BNA_G
ClientSampleId :
SB16MS

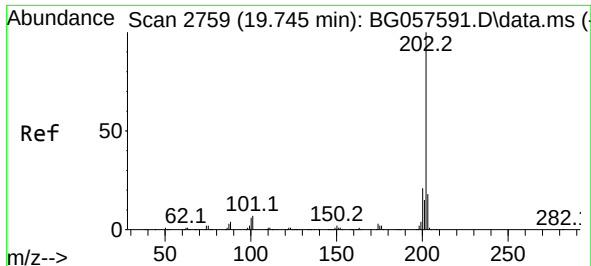
Tgt Ion:167 Resp: 382681
Ion Ratio Lower Upper
167 100
166 22.8 17.9 26.9
139 12.3 9.6 14.4



#74
Di-n-butylphthalate
Concen: 47.042 ng
RT: 18.611 min Scan# 2566
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:149 Resp: 441019
Ion Ratio Lower Upper
149 100
150 9.1 7.3 10.9
104 5.5 4.6 6.8

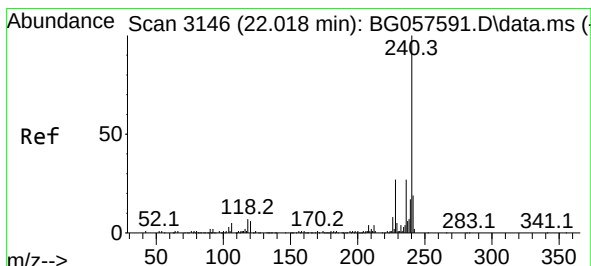
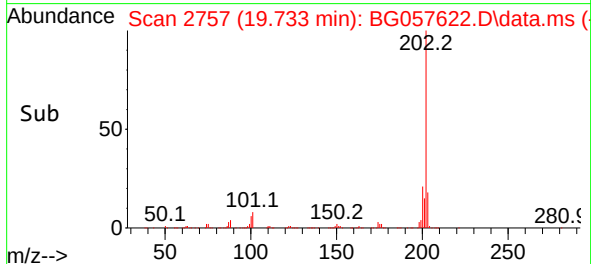
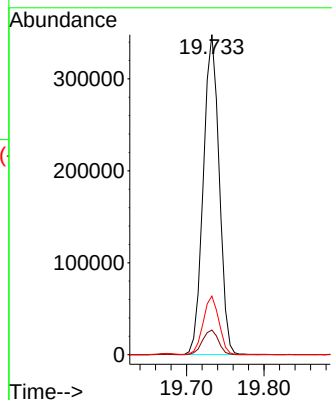
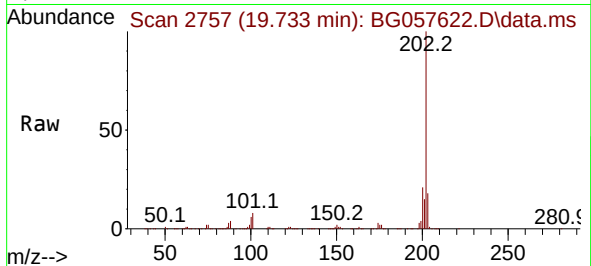




#75
Fluoranthene
Concen: 44.174 ng
RT: 19.733 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

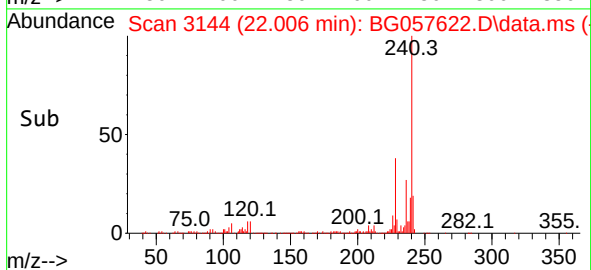
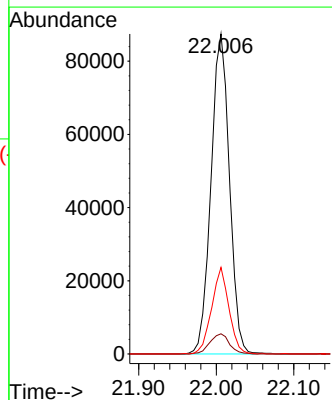
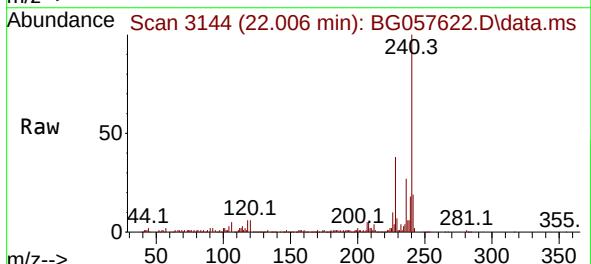
Instrument :
BNA_G
ClientSampleId :
SB16MS

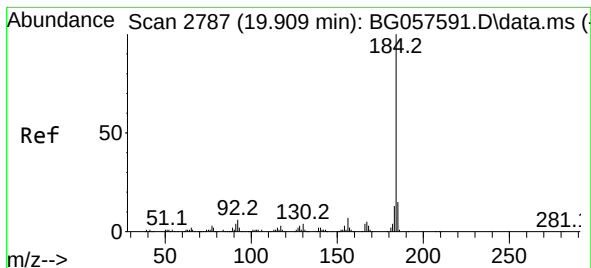
Tgt Ion:202 Resp: 493479
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.5
203 18.3 0.0 38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.006 min Scan# 3144
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:240 Resp: 144442
Ion Ratio Lower Upper
240 100
120 6.3 5.2 7.8
236 27.1 21.4 32.0





#77

Benzidine

Concen: 40.863 ng

RT: 19.897 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

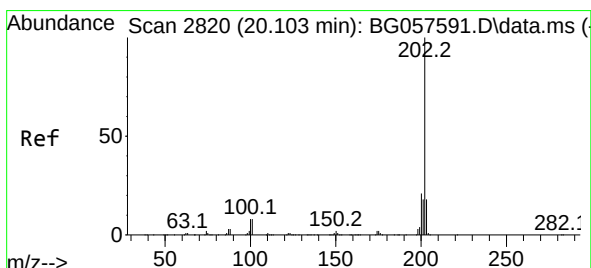
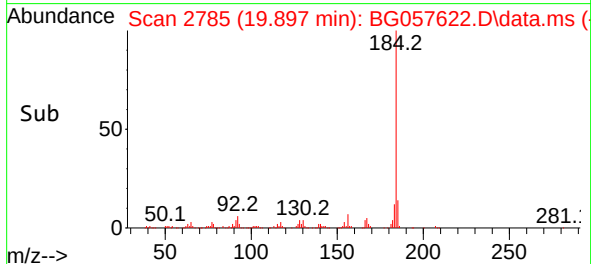
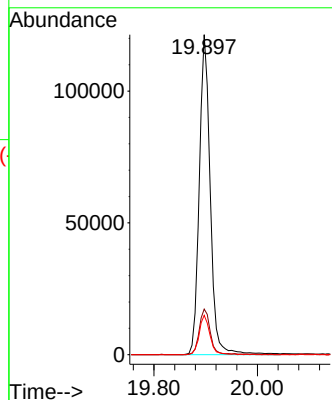
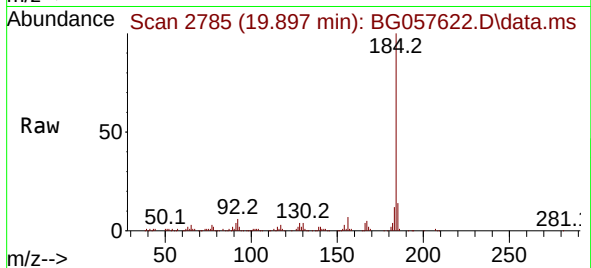
Tgt Ion:184 Resp: 178606

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

183 12.3 10.0 15.0



#78

Pyrene

Concen: 48.617 ng

RT: 20.091 min Scan# 2818

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

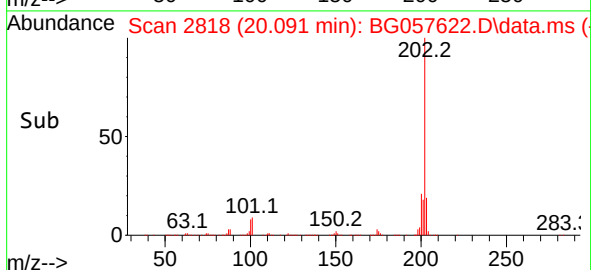
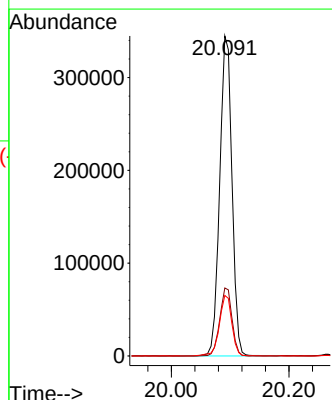
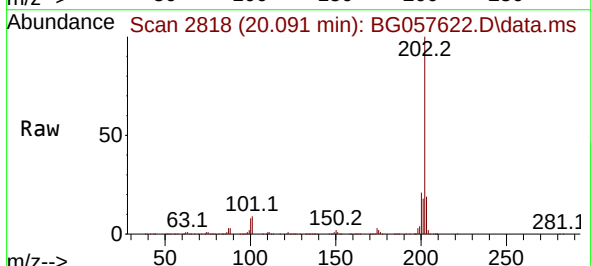
Tgt Ion:202 Resp: 500002

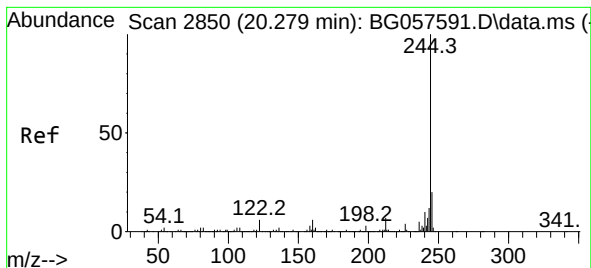
Ion Ratio Lower Upper

202 100

200 21.2 16.8 25.2

203 18.9 14.5 21.7





#79

Terphenyl-d14

Concen: 68.860 ng

RT: 20.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

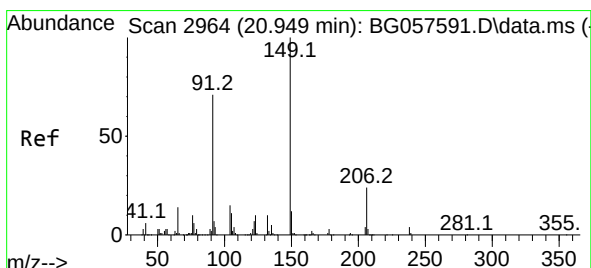
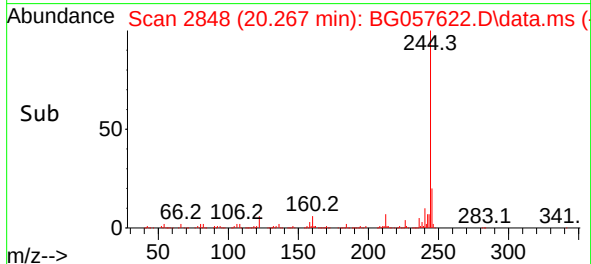
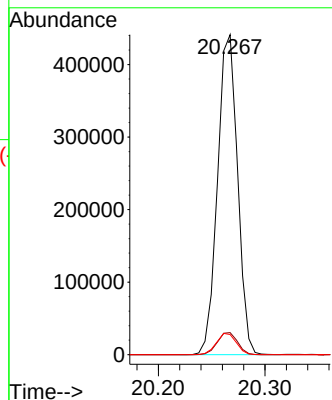
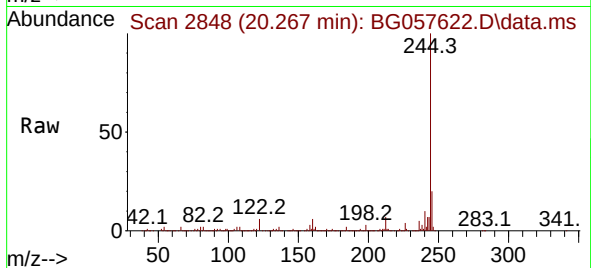
Tgt Ion:244 Resp: 574193

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

122 6.3 4.8 7.2



#80

Butylbenzylphthalate

Concen: 49.223 ng

RT: 20.937 min Scan# 2962

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

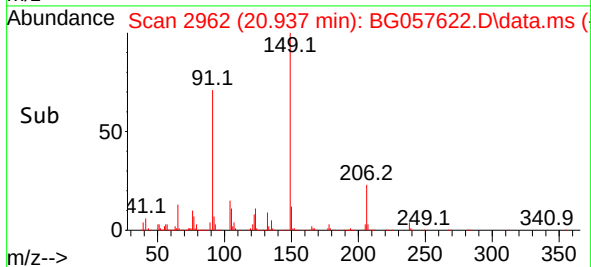
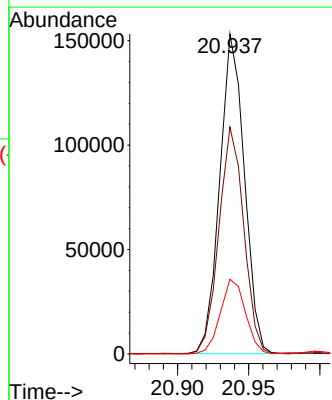
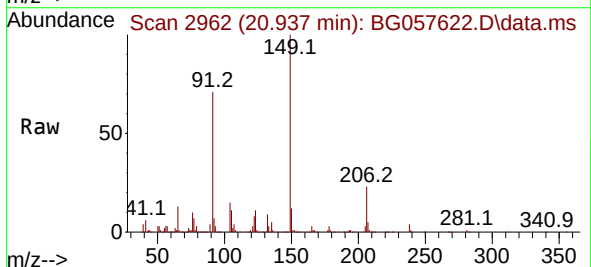
Tgt Ion:149 Resp: 184369

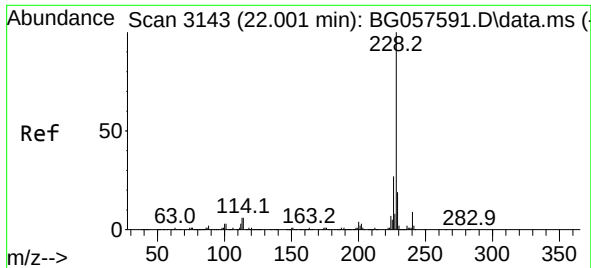
Ion Ratio Lower Upper

149 100

91 70.9 57.0 85.6

206 23.4 19.4 29.2

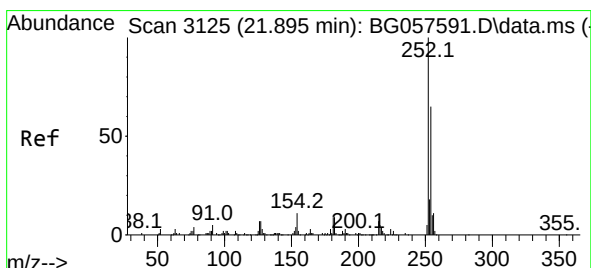
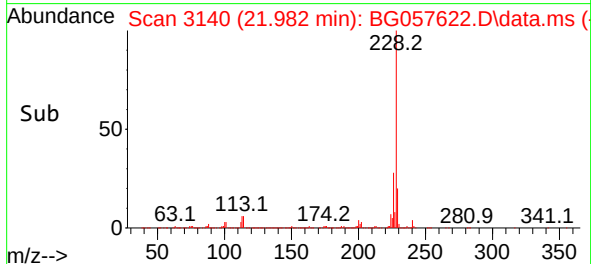
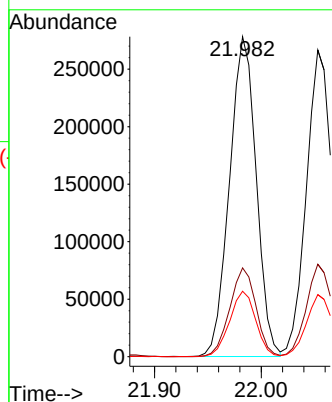
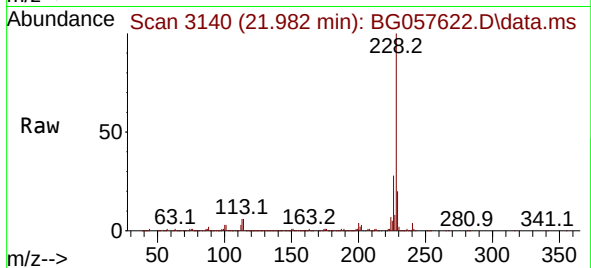




#81
Benzo(a)anthracene
Concen: 48.357 ng
RT: 21.982 min Scan# 3143
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

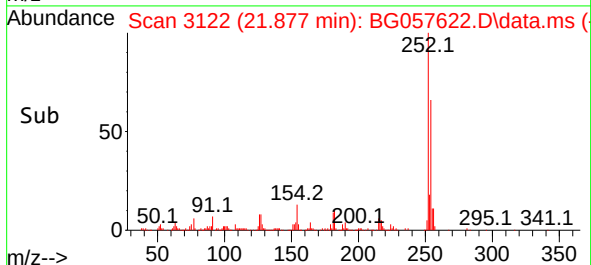
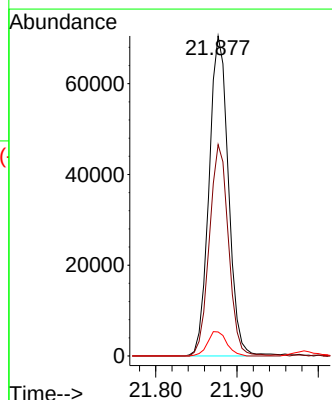
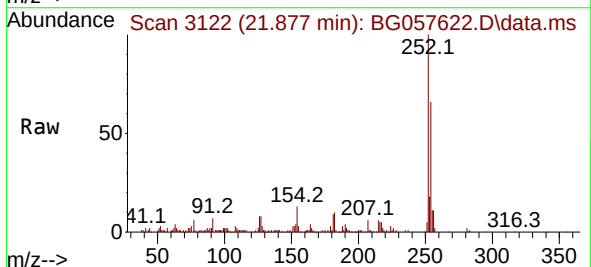
Instrument :
BNA_G
ClientSampleId :
SB16MS

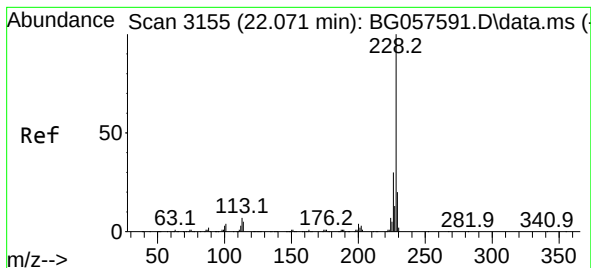
Tgt Ion:228 Resp: 484575
Ion Ratio Lower Upper
228 100
226 27.8 21.4 32.0
229 20.4 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 31.535 ng
RT: 21.877 min Scan# 3122
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:252 Resp: 116531
Ion Ratio Lower Upper
252 100
254 66.1 51.8 77.8
126 7.5 5.4 8.2





#83

Chrysene

Concen: 46.969 ng

RT: 22.053 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

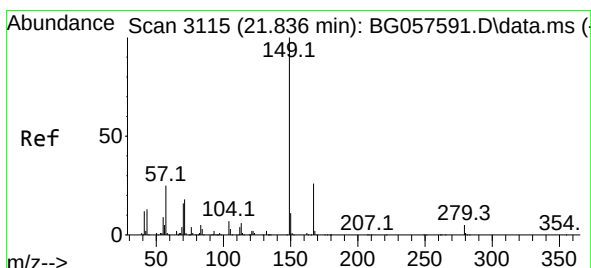
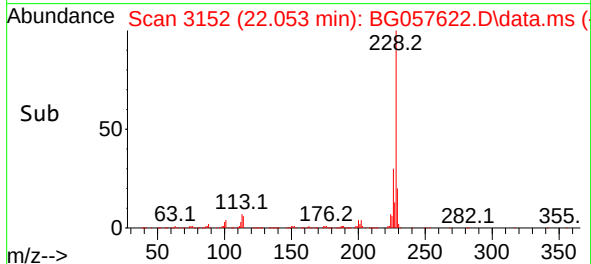
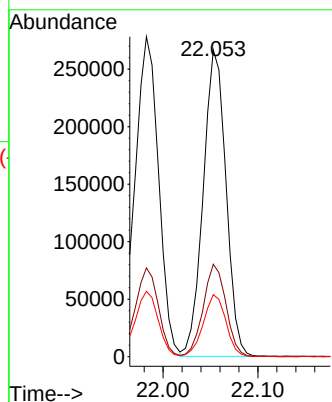
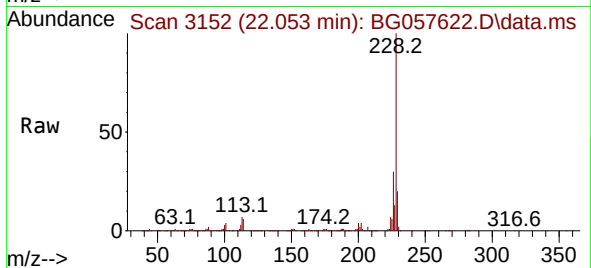
Tgt Ion:228 Resp: 444787

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 20.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.250 ng

RT: 21.818 min Scan# 3112

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

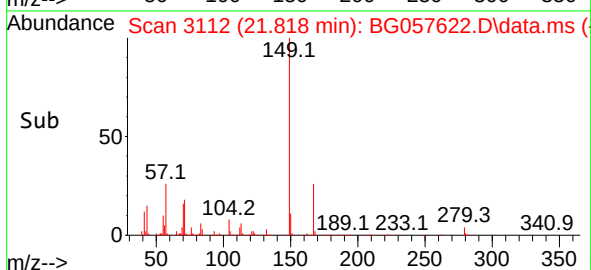
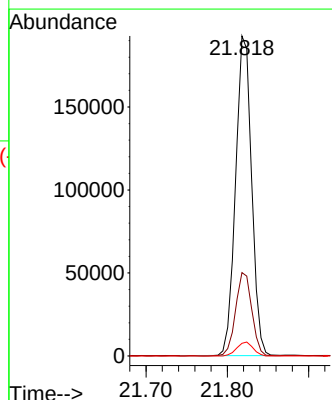
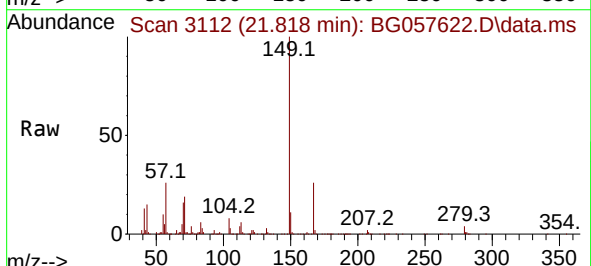
Tgt Ion:149 Resp: 263134

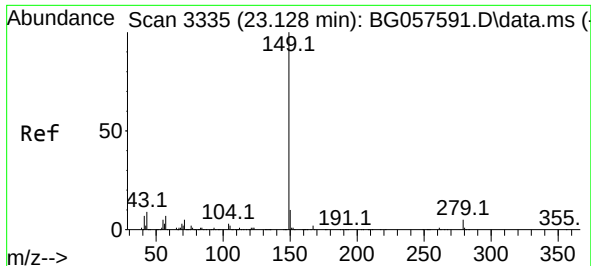
Ion Ratio Lower Upper

149 100

167 26.0 20.6 31.0

279 3.9 3.6 5.4

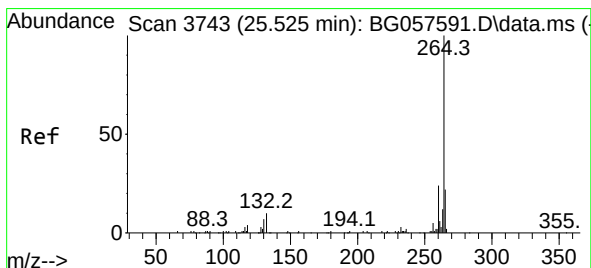
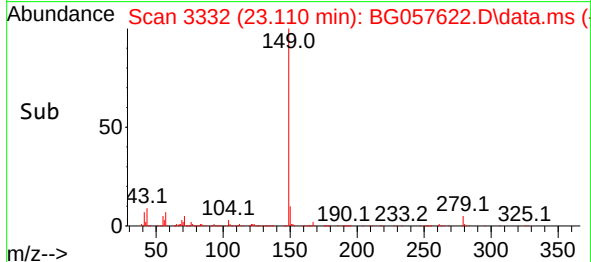
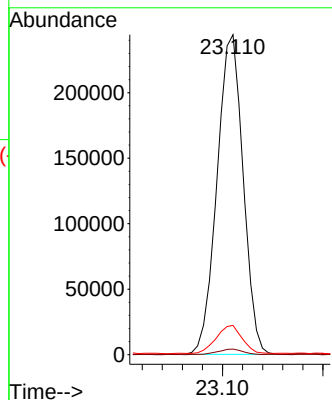
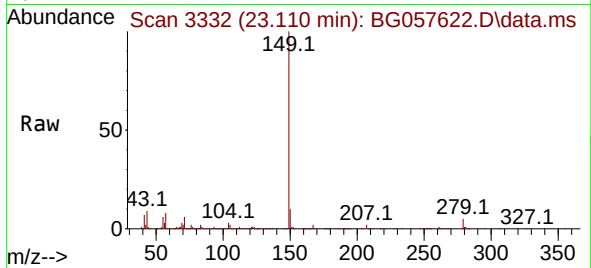




#85
Di-n-octyl phthalate
Concen: 49.677 ng
RT: 23.110 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

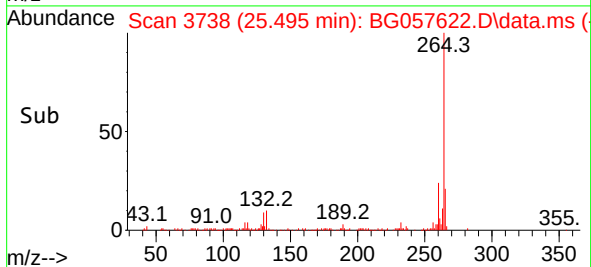
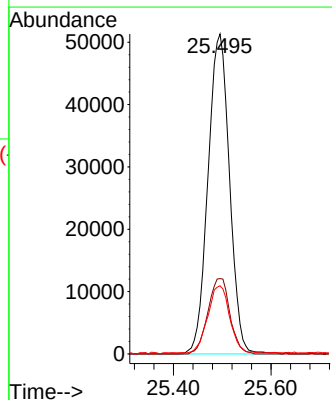
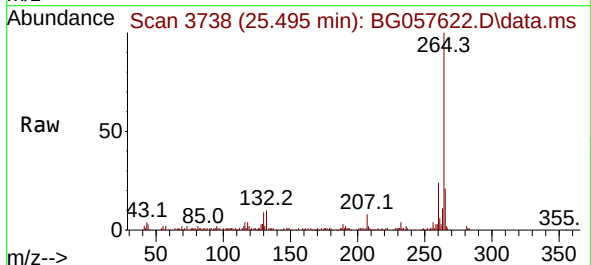
Instrument :
BNA_G
ClientSampleId :
SB16MS

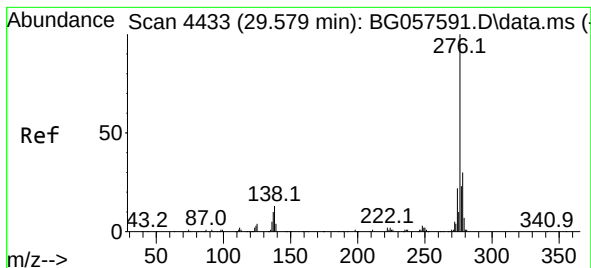
Tgt Ion:149 Resp: 439945
Ion Ratio Lower Upper
149 100
167 1.8 1.3 1.9
43 8.9 7.0 10.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.495 min Scan# 3738
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:264 Resp: 157076
Ion Ratio Lower Upper
264 100
260 23.6 19.1 28.7
265 21.3 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.227 ng

RT: 29.549 min Scan# 4433

Delta R.T. -0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

Instrument :

BNA_G

ClientSampleId :

SB16MS

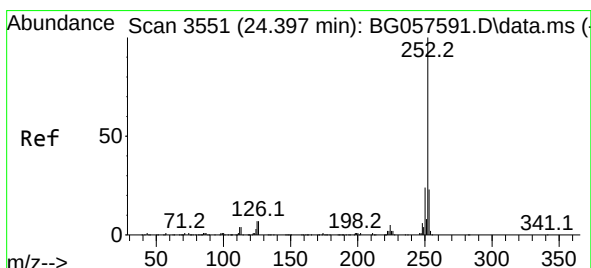
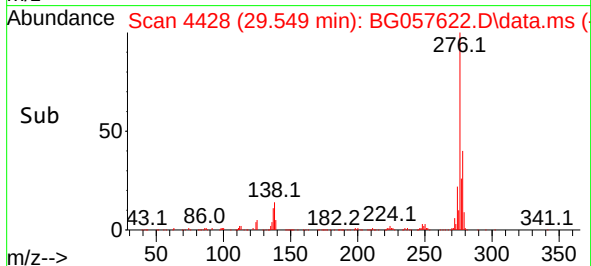
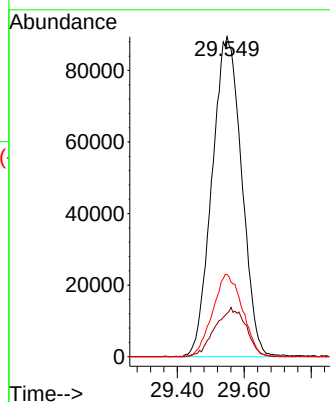
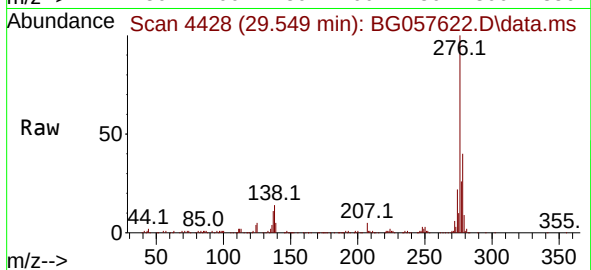
Tgt Ion:276 Resp: 550055

Ion Ratio Lower Upper

276 100

138 16.0 12.3 18.5

277 25.9 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 50.755 ng

RT: 24.379 min Scan# 3548

Delta R.T. 0.003 min

Lab File: BG057622.D

Acq: 31 May 2023 15:13

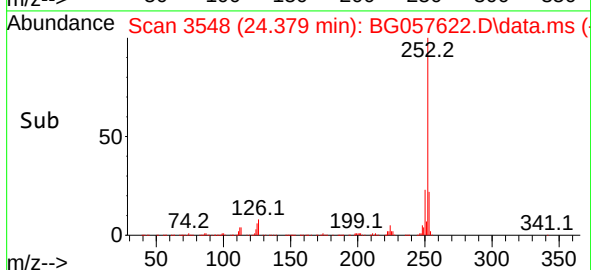
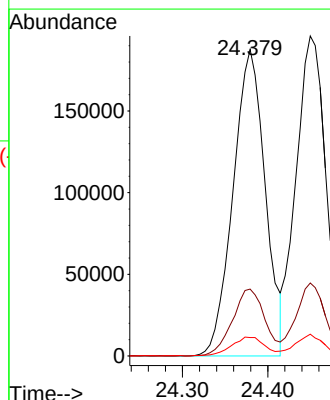
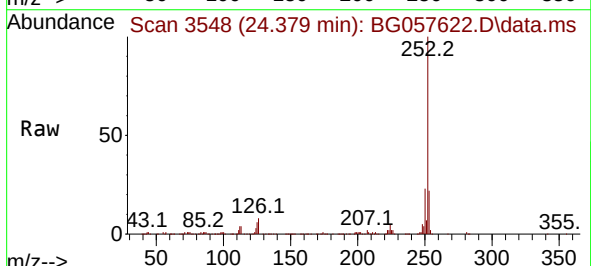
Tgt Ion:252 Resp: 490727

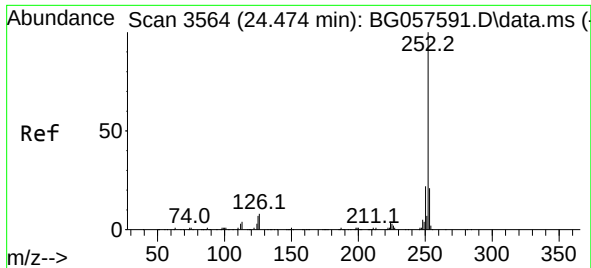
Ion Ratio Lower Upper

252 100

253 21.8 18.4 27.6

125 6.0 5.2 7.8

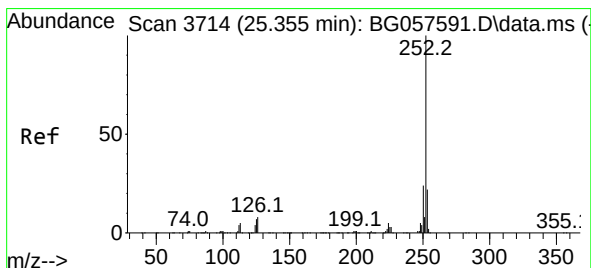
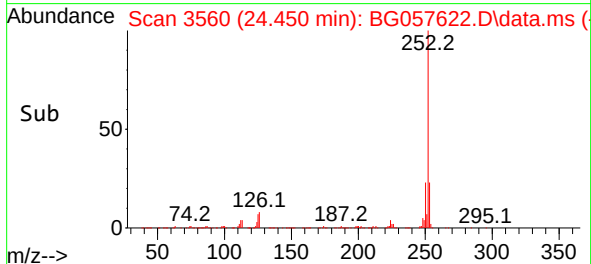
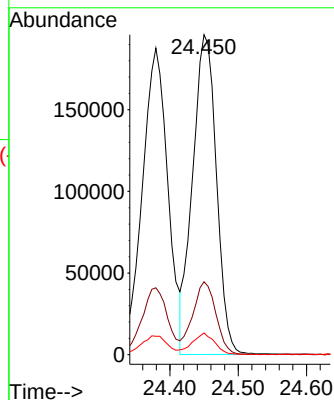
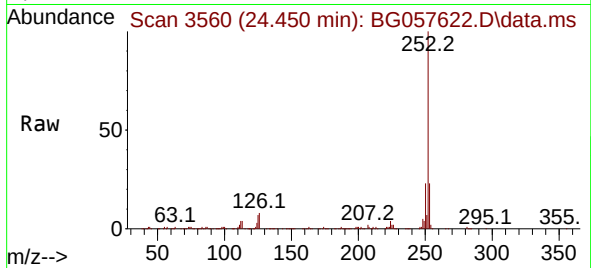




#89
Benzo(k)fluoranthene
Concen: 48.552 ng
RT: 24.450 min Scan# 31
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

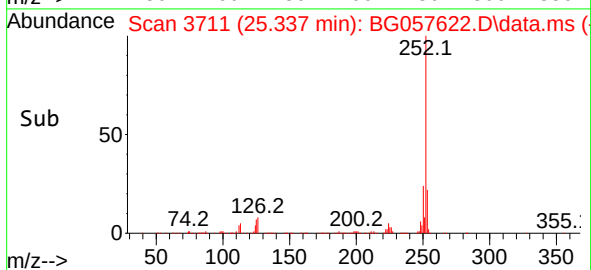
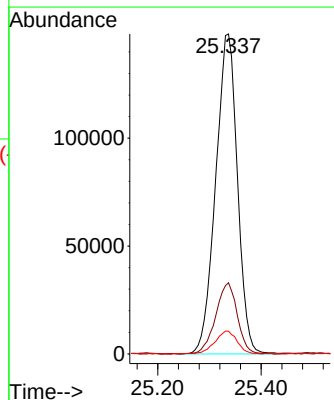
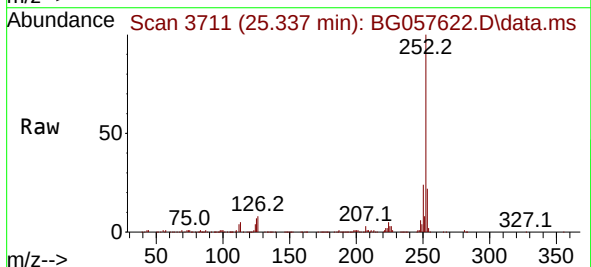
Instrument :
BNA_G
ClientSampleId :
SB16MS

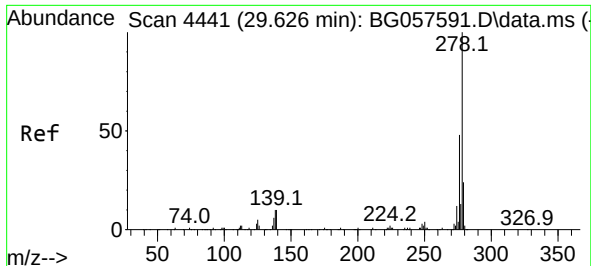
Tgt Ion:252 Resp: 473756
Ion Ratio Lower Upper
252 100
253 22.8 17.0 25.6
125 6.8 5.1 7.7



#90
Benzo(a)pyrene
Concen: 45.944 ng
RT: 25.337 min Scan# 3711
Delta R.T. 0.008 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:252 Resp: 433201
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 7.1 5.3 7.9

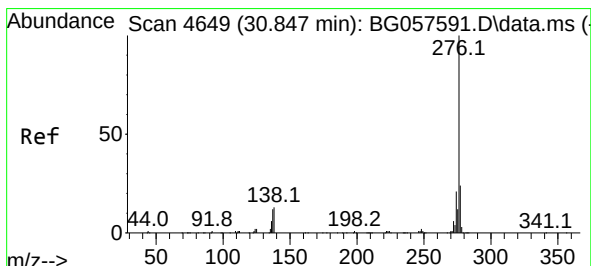
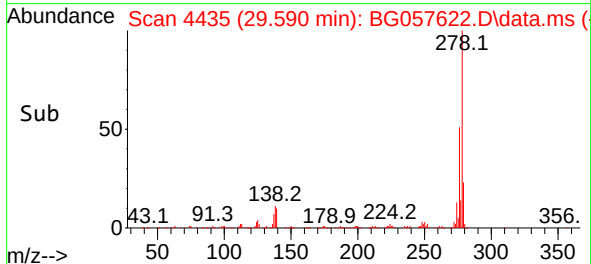
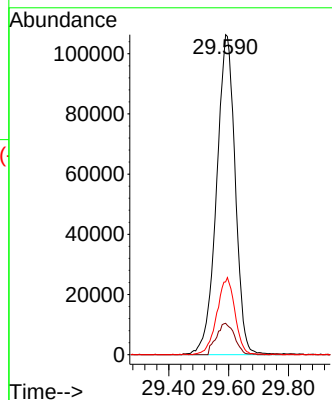
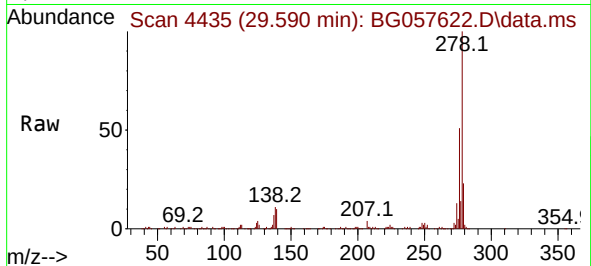




#91
Dibenzo(a,h)anthracene
Concen: 50.428 ng
RT: 29.590 min Scan# 4441
Delta R.T. -0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Instrument :
BNA_G
ClientSampleId :
SB16MS

Tgt Ion:278 Resp: 459617
Ion Ratio Lower Upper
278 100
139 9.8 7.8 11.8
279 22.7 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 49.827 ng
RT: 30.812 min Scan# 4643
Delta R.T. 0.003 min
Lab File: BG057622.D
Acq: 31 May 2023 15:13

Tgt Ion:276 Resp: 442900
Ion Ratio Lower Upper
276 100
277 24.9 18.9 28.3
138 14.9 10.2 15.4

