

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057581.D
 Acq On : 26 May 2023 11:50
 Operator : CG/JU
 Sample : PB152987BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152987BS

Quant Time: May 26 15:04:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.354	152	17202	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	70568	20.000	ng	# 0.00
39) Acenaphthene-d10	14.975	164	56453	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	148082	20.000	ng	0.00
76) Chrysene-d12	22.024	240	125018	20.000	ng	0.00
86) Perylene-d12	25.525	264	135597	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	116711	116.060	ng	0.00
7) Phenol-d6	7.502	99	179623	117.627	ng	0.00
23) Nitrobenzene-d5	9.535	82	106945	63.606	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	92537	115.526	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	285252	68.052	ng	0.00
79) Terphenyl-d14	20.279	244	522479	68.202	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.660	88	16141	38.820	ng	99
3) Pyridine	4.083	79	44885	33.591	ng	97
4) n-Nitrosodimethylamine	3.995	42	22167	35.301	ng	# 80
6) Aniline	7.667	93	70398	36.340	ng	97
8) 2-Chlorophenol	7.914	128	55053	51.810	ng	96
9) Benzaldehyde	7.479	77	35731	44.992	ng	94
10) Phenol	7.532	94	77418	52.007	ng	94
11) bis(2-Chloroethyl)ether	7.755	93	48171	42.914	ng	96
12) 1,3-Dichlorobenzene	8.243	146	54469	46.444	ng	96
13) 1,4-Dichlorobenzene	8.389	146	55942	47.488	ng	96
14) 1,2-Dichlorobenzene	8.712	146	53883	47.381	ng	94
15) Benzyl Alcohol	8.595	79	58869	46.275	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.877	45	59173	41.824	ng	99
17) 2-Methylphenol	8.801	107	53781	50.119	ng	97
18) Hexachloroethane	9.453	117	19441	45.731	ng	95
19) n-Nitroso-di-n-propyla...	9.159	70	46723	40.126	ng	95
20) 3+4-Methylphenols	9.130	107	73850	50.261	ng	95
22) Acetophenone	9.188	105	86737	42.944	ng	# 96
24) Nitrobenzene	9.582	77	68940	40.624	ng	93
25) Isophorone	10.099	82	128027	39.268	ng	97
26) 2-Nitrophenol	10.299	139	32559	50.123	ng	93
27) 2,4-Dimethylphenol	10.340	122	60253	52.973	ng	98
28) bis(2-Chloroethoxy)met...	10.569	93	71368	43.694	ng	97
29) 2,4-Dichlorophenol	10.845	162	64767	53.687	ng	98
30) 1,2,4-Trichlorobenzene	11.051	180	61596	44.267	ng	97
31) Naphthalene	11.244	128	168207	44.586	ng	99
32) Benzoic acid	10.504	122	32540	49.453	ng	96
33) 4-Chloroaniline	11.350	127	57410	33.886	ng	98
34) Hexachlorobutadiene	11.509	225	42053	40.730	ng	96
35) Caprolactam	12.126	113	13972	33.905	ng	97
36) 4-Chloro-3-methylphenol	12.454	107	71720	52.314	ng	99
37) 2-Methylnaphthalene	12.825	142	132548	44.686	ng	94
38) 1-Methylnaphthalene	13.042	142	123793	44.278	ng	99
40) 1,2,4,5-Tetrachloroben...	13.189	216	88599	44.208	ng	98
41) Hexachlorocyclopentadiene	13.154	237	56827	60.644	ng	100
43) 2,4,6-Trichlorophenol	13.424	196	60855	49.841	ng	97

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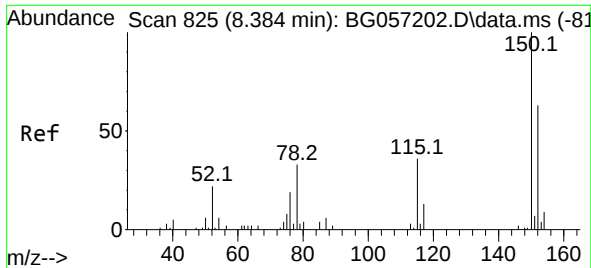
Quant Time: May 26 15:04:40 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.506	196	66705	46.444	ng	96
46) 1,1'-Biphenyl	13.806	154	191822	45.792	ng	97
47) 2-Chloronaphthalene	13.864	162	146620	47.068	ng	99
48) 2-Nitroaniline	14.064	65	49675	46.900	ng	93
49) Acenaphthylene	14.698	152	236260	46.684	ng	99
50) Dimethylphthalate	14.411	163	203561	43.880	ng	98
51) 2,6-Dinitrotoluene	14.546	165	45625	48.170	ng	85
52) Acenaphthene	15.039	154	144794	45.786	ng	98
53) 3-Nitroaniline	14.881	138	35205	37.101	ng	91
54) 2,4-Dinitrophenol	15.098	184	52592	89.066	ng	95
55) Dibenzofuran	15.368	168	243687	45.863	ng	98
56) 4-Nitrophenol	15.192	139	62537	99.091	ng	88
57) 2,4-Dinitrotoluene	15.333	165	66850	49.384	ng	95
58) Fluorene	16.014	166	202057	46.167	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.597	232	61972	47.593	ng	99
60) Diethylphthalate	15.756	149	204518	43.412	ng	96
61) 4-Chlorophenyl-phenyle...	15.991	204	115079	43.647	ng	95
62) 4-Nitroaniline	16.038	138	45721	47.762	ng	91
63) Azobenzene	16.285	77	189097	41.600	ng	95
65) 4,6-Dinitro-2-methylph...	16.102	198	42575	48.156	ng	98
66) n-Nitrosodiphenylamine	16.208	169	179760	44.695	ng	98
67) 4-Bromophenyl-phenylether	16.884	248	78883	43.637	ng	97
68) Hexachlorobenzene	17.019	284	84289	47.982	ng	95
69) Atrazine	17.142	200	80991	52.789	ng	97
70) Pentachlorophenol	17.371	266	78509	77.547	ng	97
71) Phenanthrene	17.759	178	339323	44.718	ng	100
72) Anthracene	17.847	178	347717	44.660	ng	99
73) Carbazole	18.117	167	307805	46.959	ng	98
74) Di-n-butylphthalate	18.628	149	348376	46.194	ng	98
75) Fluoranthene	19.745	202	411676	43.621	ng	99
77) Benzidine	19.909	184	219754	78.625	ng	99
78) Pyrene	20.109	202	412525	45.409	ng	99
80) Butylbenzylphthalate	20.955	149	145710	50.550	ng	94
81) Benzo(a)anthracene	22.000	228	393105	44.134	ng	99
82) 3,3'-Dichlorobenzidine	21.895	252	102499	35.927	ng	99
83) Chrysene	22.071	228	358639	42.794	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	202014	47.368	ng	99
85) Di-n-octyl phthalate	23.128	149	335978	47.255	ng	98
87) Indeno(1,2,3-cd)pyrene	29.596	276	440891	44.613	ng	# 75
88) Benzo(b)fluoranthene	24.403	252	388685	43.850	ng	100
89) Benzo(k)fluoranthene	24.479	252	392400	43.565	ng	100
90) Benzo(a)pyrene	25.361	252	347525	40.131	ng	97
91) Dibenzo(a,h)anthracene	29.643	278	370353	45.000	ng	96
92) Benzo(g,h,i)perylene	30.865	276	353083	43.937	ng	98

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

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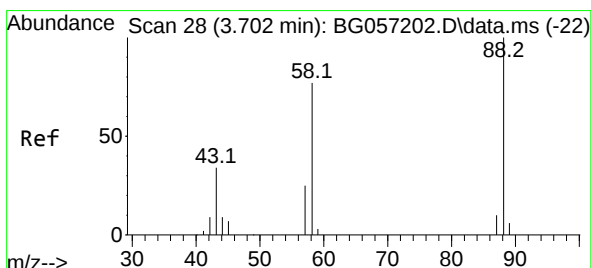
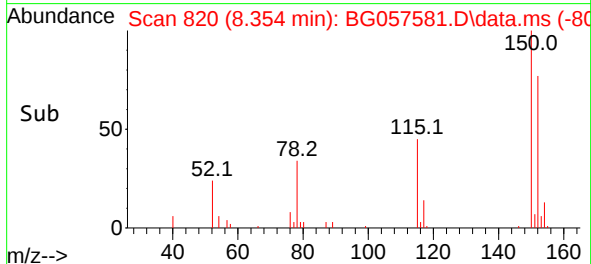
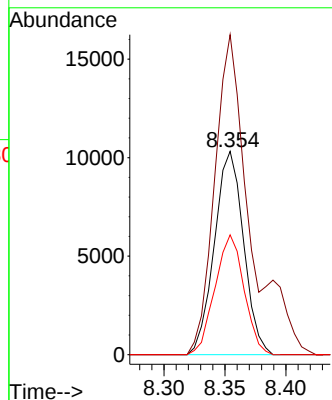
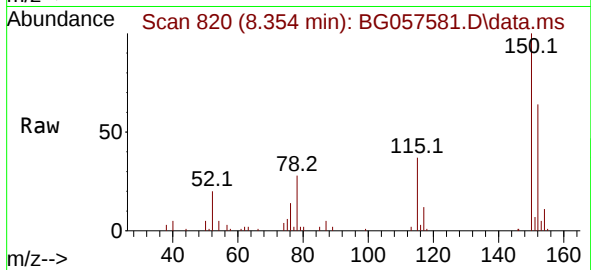




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.354 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

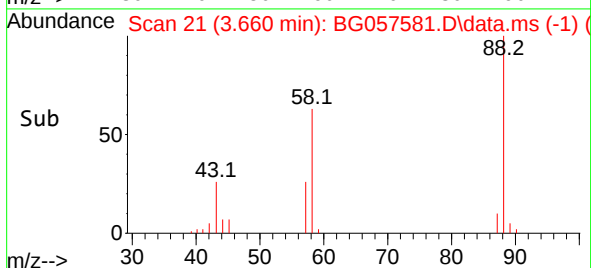
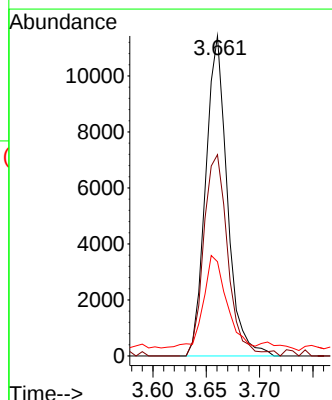
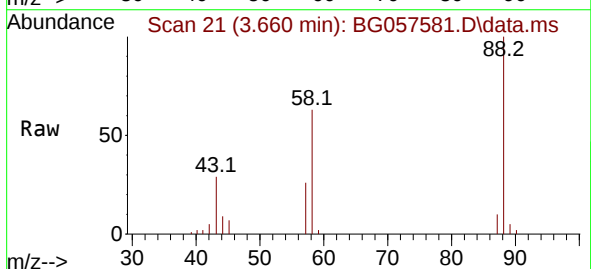
Instrument :
BNA_G
ClientSampleId :
PB152987BS

Tgt Ion:152 Resp: 17202
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 58.9 45.0 67.4



#2
1,4-Dioxane
Concen: 38.820 ng
RT: 3.660 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 88 Resp: 16141
Ion Ratio Lower Upper
88 100
58 70.1 57.1 85.7
43 30.9 24.4 36.6

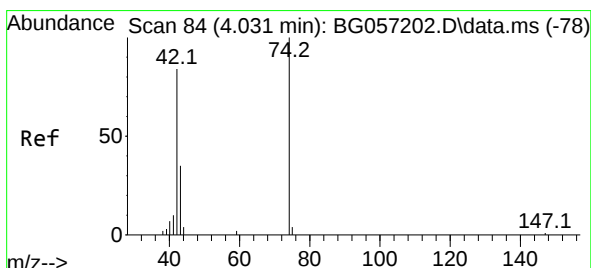
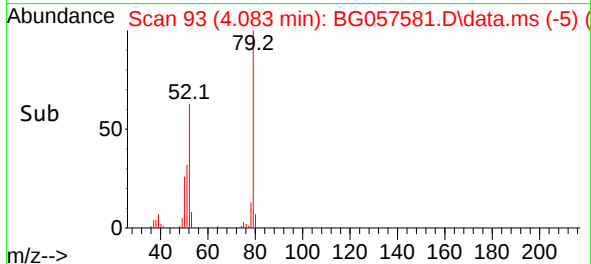
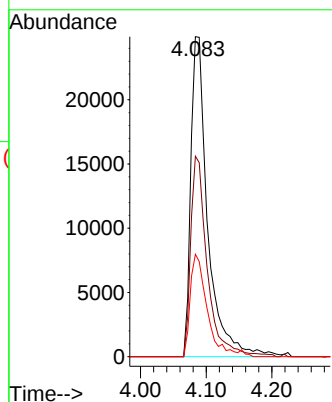
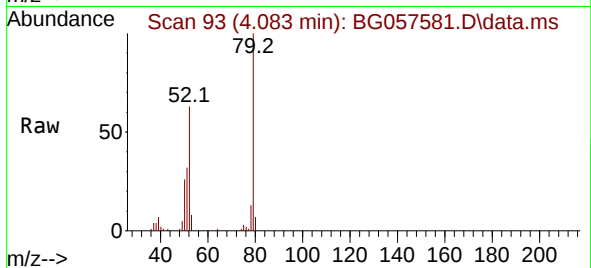




#3
Pyridine
Concen: 33.591 ng
RT: 4.083 min Scan# 91
Delta R.T. -0.015 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

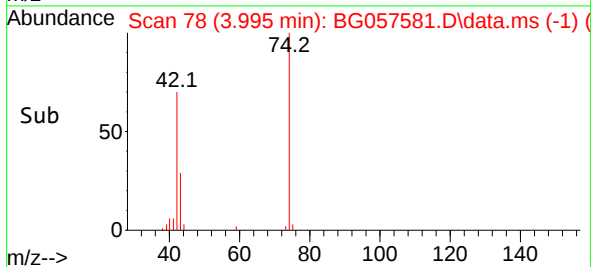
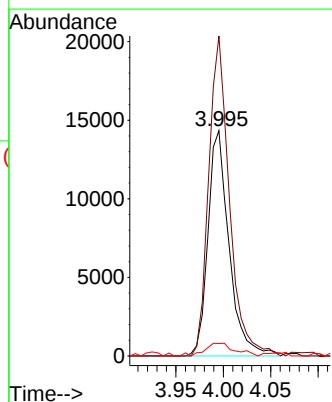
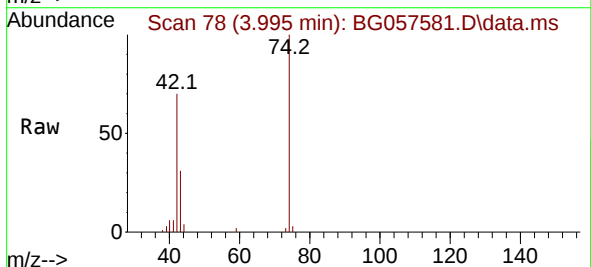
Instrument :
BNA_G
ClientSampleId :
PB152987BS

Tgt Ion: 79 Resp: 44885
Ion Ratio Lower Upper
79 100
52 62.7 51.4 77.0
51 32.0 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 35.301 ng
RT: 3.995 min Scan# 78
Delta R.T. -0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 42 Resp: 22167
Ion Ratio Lower Upper
42 100
74 142.0 95.1 142.7
44 5.6 5.8 8.8

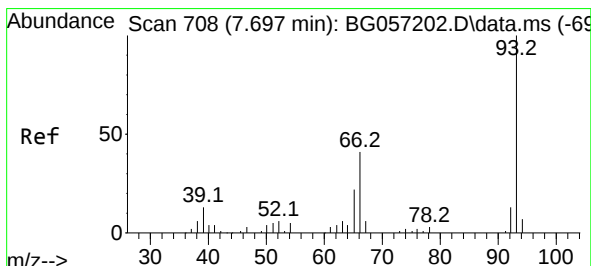
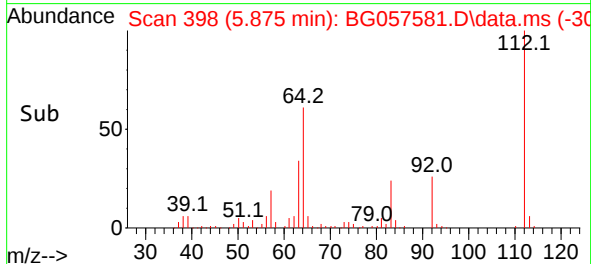
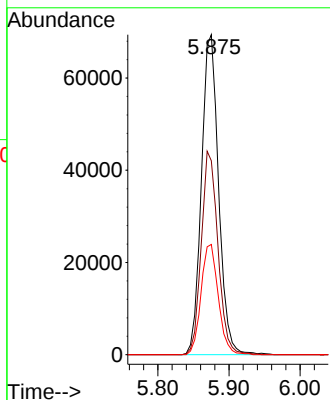
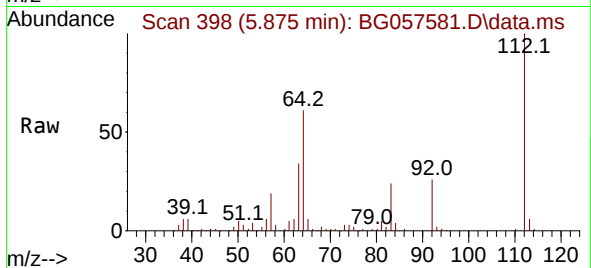




#5
2-Fluorophenol
Concen: 116.060 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

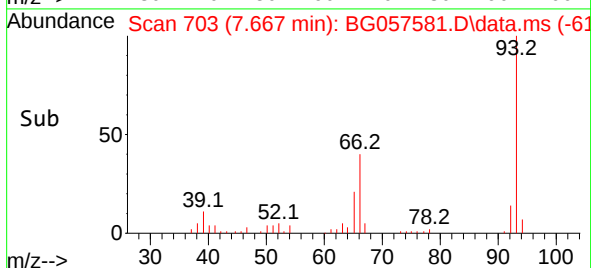
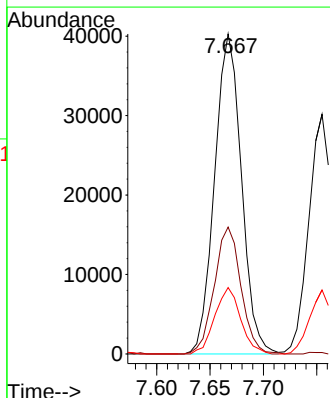
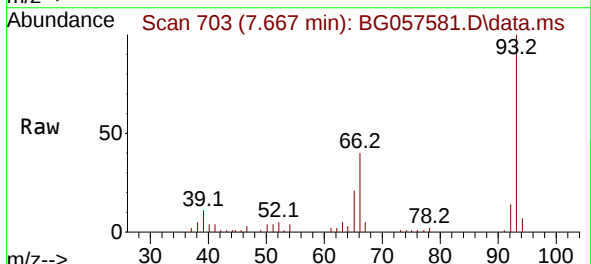
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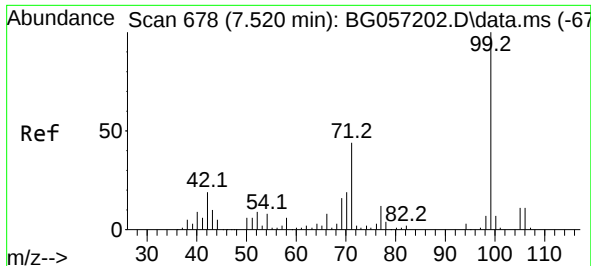
Tgt Ion:112 Resp: 116711
Ion Ratio Lower Upper
112 100
64 60.6 49.4 74.2
63 34.4 31.6 47.4



#6
Aniline
Concen: 36.340 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 93 Resp: 70398
Ion Ratio Lower Upper
93 100
66 39.7 33.0 49.6
65 20.7 18.0 27.0

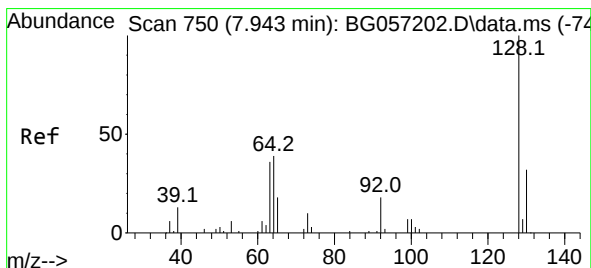
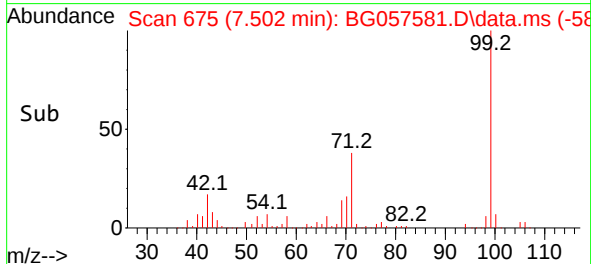
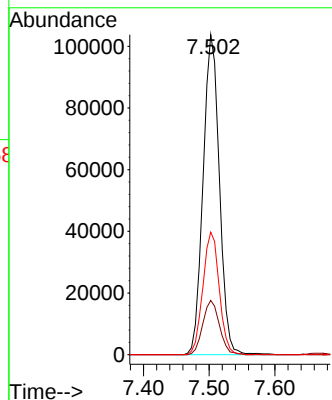
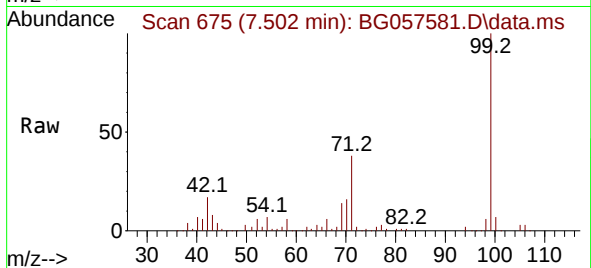




#7
Phenol-d6
Concen: 117.627 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

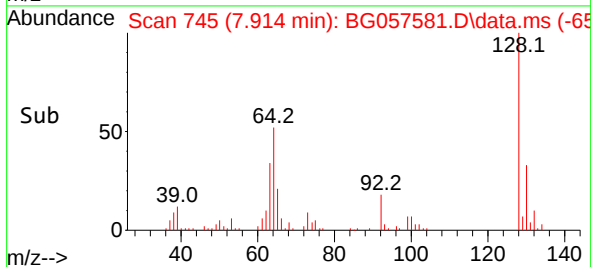
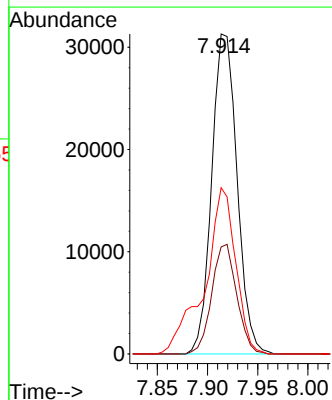
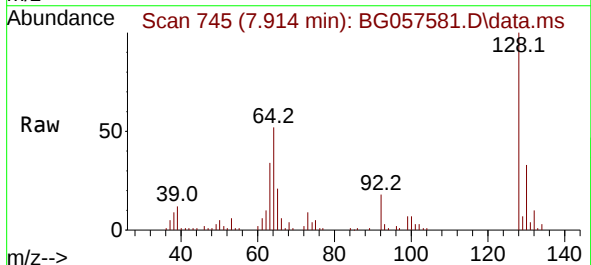
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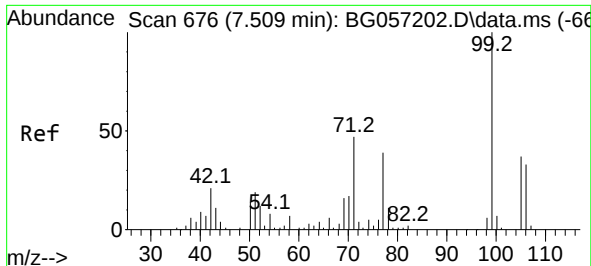
Tgt Ion: 99 Resp: 179623
Ion Ratio Lower Upper
99 100
42 17.0 15.1 22.7
71 38.3 35.2 52.8



#8
2-Chlorophenol
Concen: 51.810 ng
RT: 7.914 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 128 Resp: 55053
Ion Ratio Lower Upper
128 100
130 33.4 12.2 52.2
64 51.9 28.4 68.4

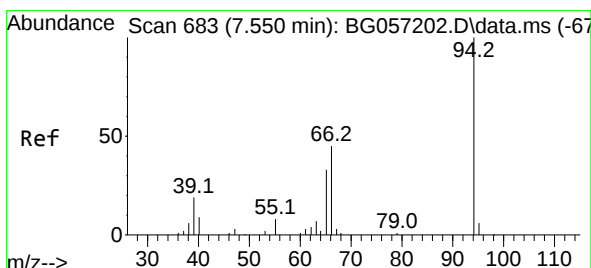
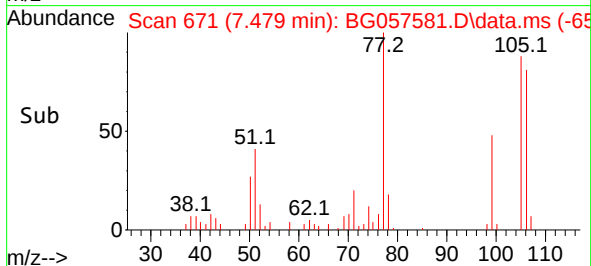
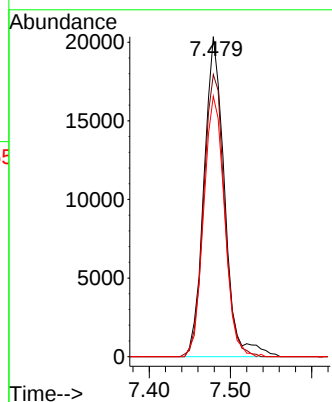
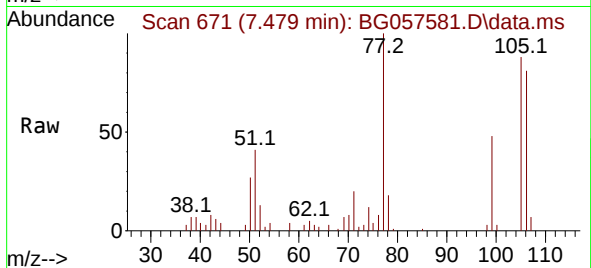




#9
Benzaldehyde
Concen: 44.992 ng
RT: 7.479 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

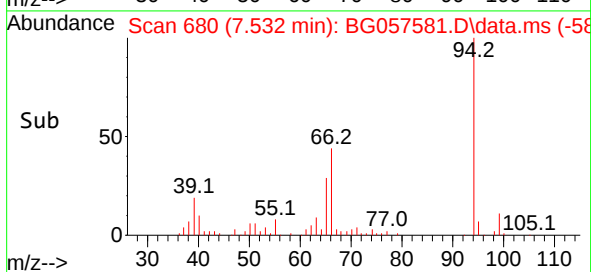
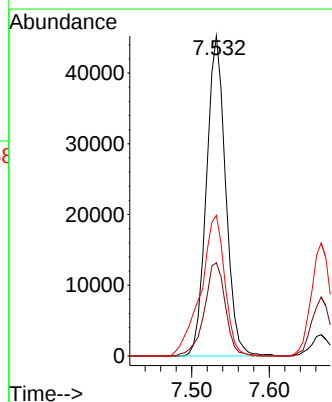
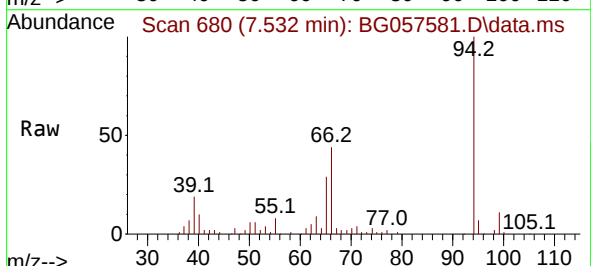
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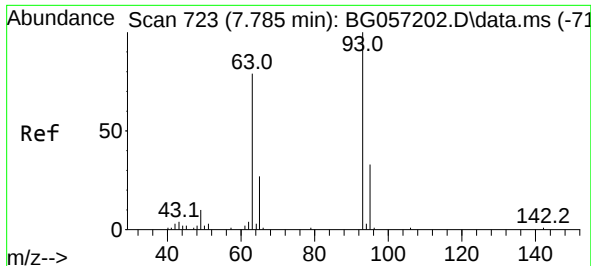
Tgt Ion: 77 Resp: 35731
Ion Ratio Lower Upper
77 100
105 88.2 74.6 114.6
106 81.4 66.3 106.3



#10
Phenol
Concen: 52.007 ng
RT: 7.532 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 94 Resp: 77418
Ion Ratio Lower Upper
94 100
65 29.1 13.5 53.5
66 43.9 26.7 66.7





#11

bis(2-Chloroethyl)ether

Concen: 42.914 ng

RT: 7.755 min Scan# 718

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

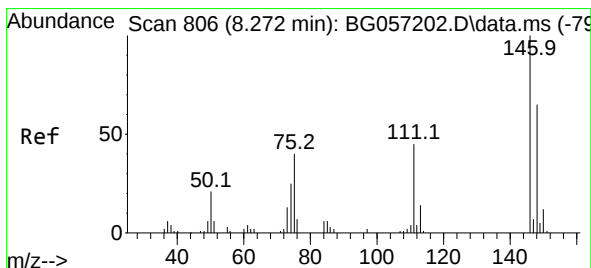
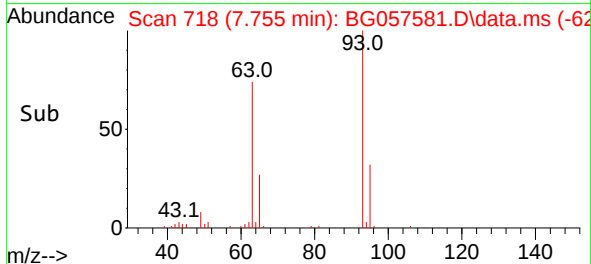
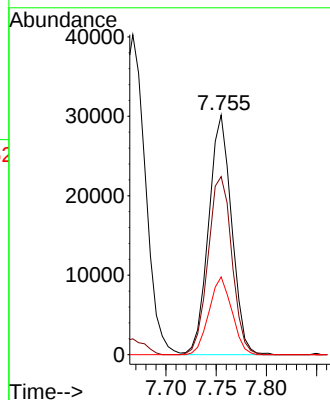
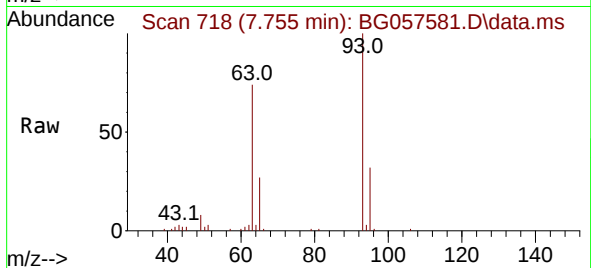
Tgt Ion: 93 Resp: 48171

Ion Ratio Lower Upper

93 100

63 74.3 58.6 98.6

95 32.5 12.2 52.2



#12

1,3-Dichlorobenzene

Concen: 46.444 ng

RT: 8.243 min Scan# 801

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

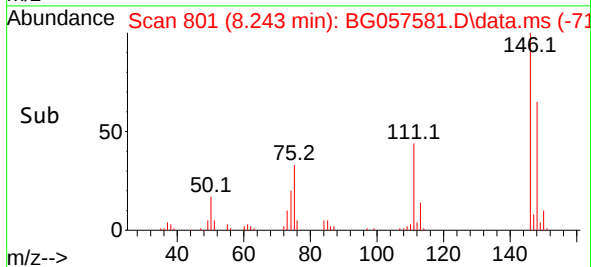
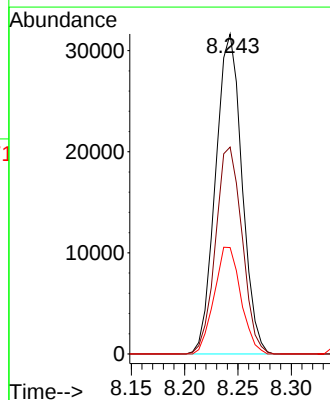
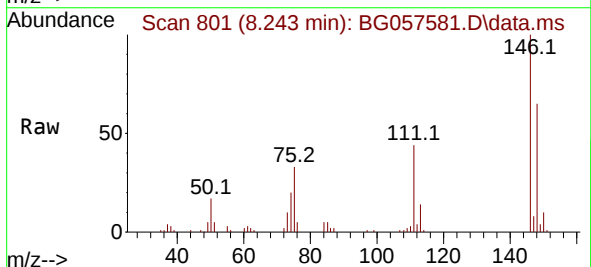
Tgt Ion:146 Resp: 54469

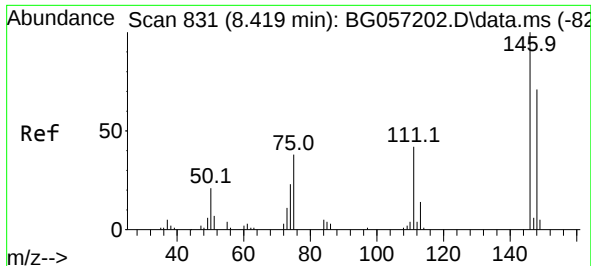
Ion Ratio Lower Upper

146 100

148 64.6 52.2 78.2

75 33.3 31.7 47.5

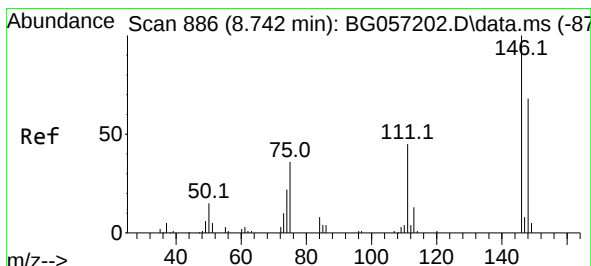
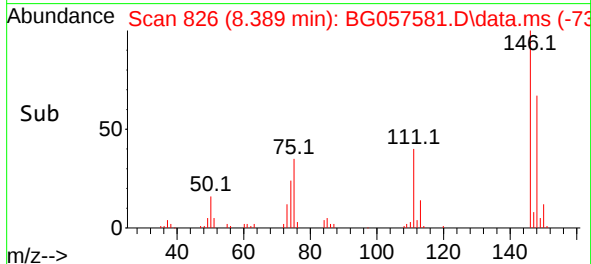
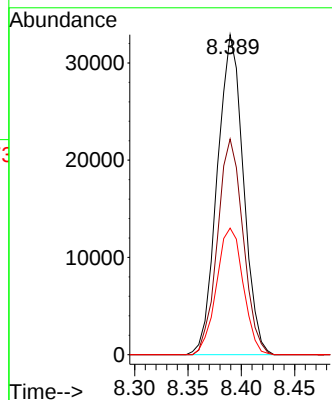
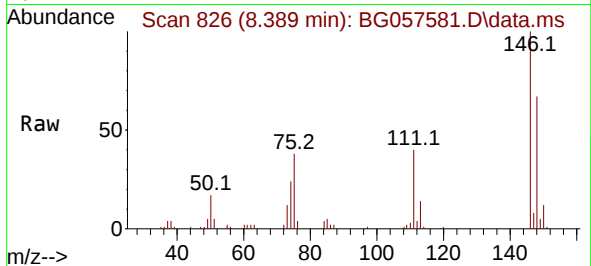




#13
1,4-Dichlorobenzene
Concen: 47.488 ng
RT: 8.389 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

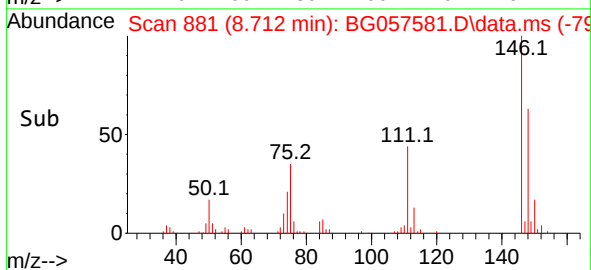
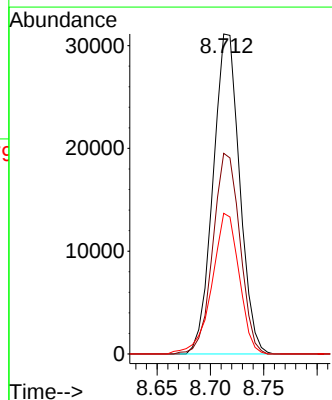
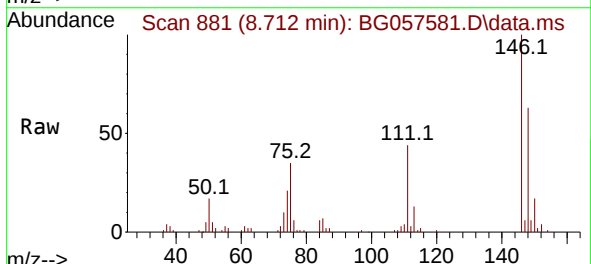
Instrument :
BNA_G
ClientSampleId :
PB152987BS

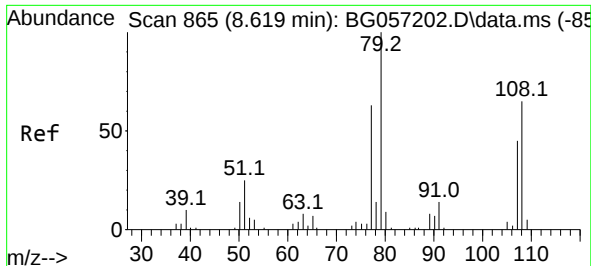
Tgt Ion:146 Resp: 55942
Ion Ratio Lower Upper
146 100
148 67.4 56.4 84.6
111 39.6 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 47.381 ng
RT: 8.712 min Scan# 881
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:146 Resp: 53883
Ion Ratio Lower Upper
146 100
148 62.7 54.6 82.0
111 44.0 37.2 55.8

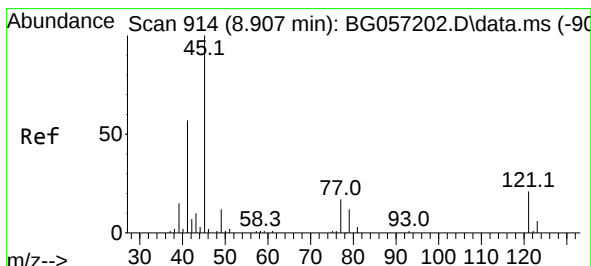
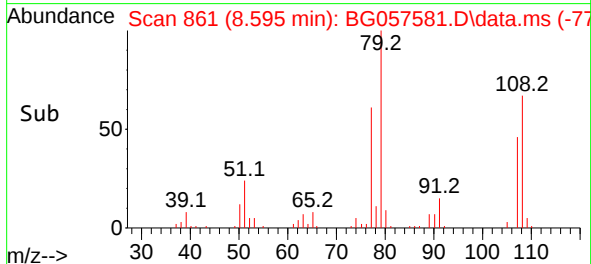
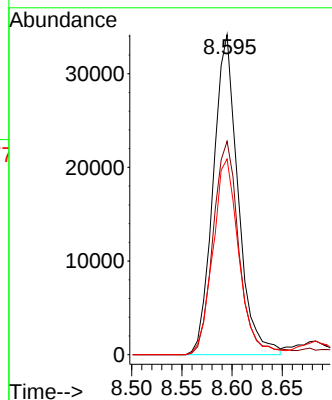
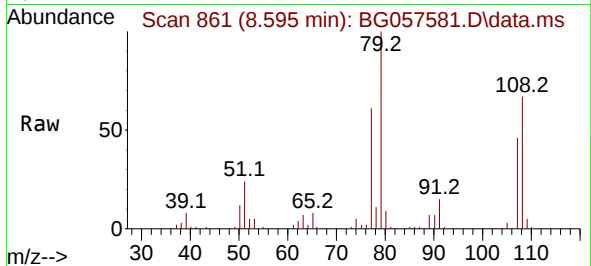




#15
Benzyl Alcohol
Concen: 46.275 ng
RT: 8.595 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

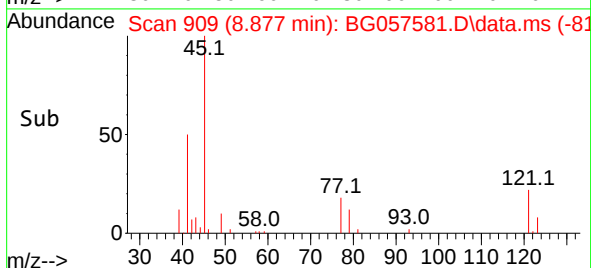
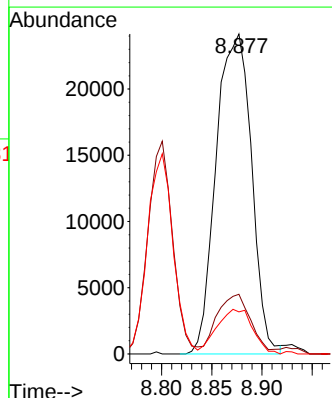
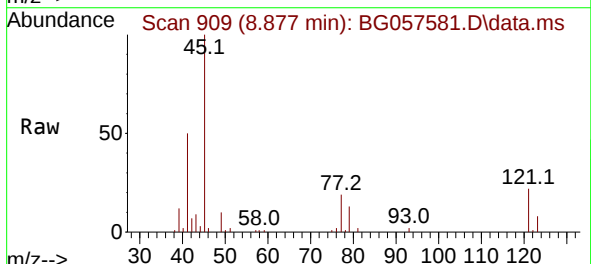
Instrument :
BNA_G
ClientSampleId :
PB152987BS

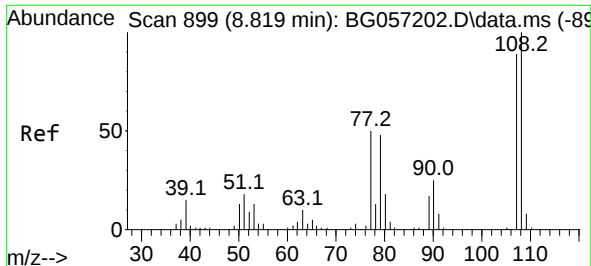
Tgt Ion: 79 Resp: 58869
Ion Ratio Lower Upper
79 100
108 66.7 52.2 78.2
77 61.2 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.824 ng
RT: 8.877 min Scan# 909
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 45 Resp: 59173
Ion Ratio Lower Upper
45 100
77 18.6 0.0 38.5
79 13.2 0.0 33.8

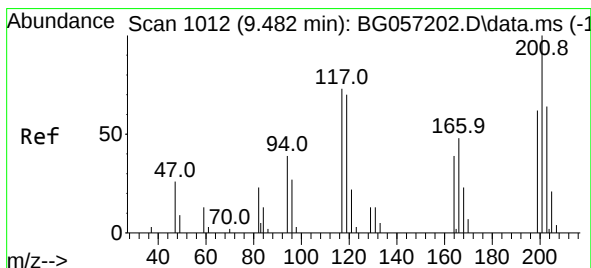
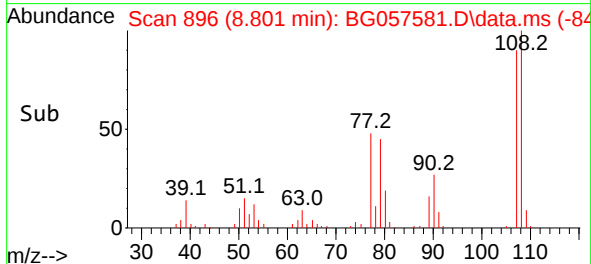
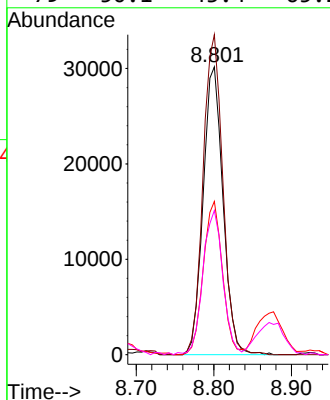
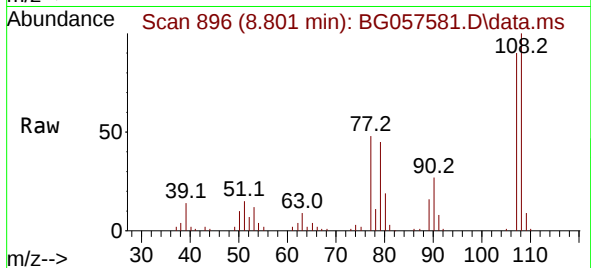




#17
2-Methylphenol
Concen: 50.119 ng
RT: 8.801 min Scan# 899
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

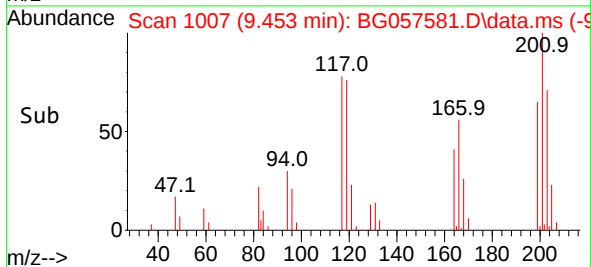
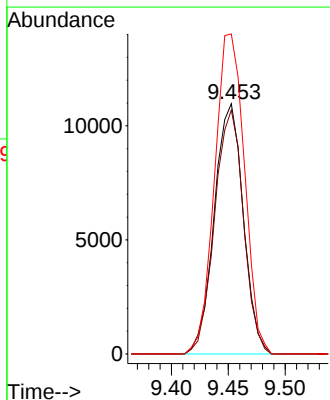
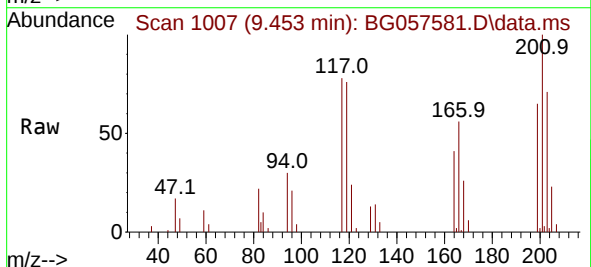
Instrument :
BNA_G
ClientSampleId :
PB152987BS

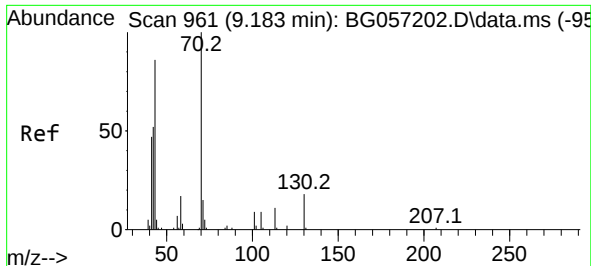
Tgt Ion:	107	Resp:	53781
Ion	Ratio	Lower	Upper
107	100		
108	111.2	89.5	134.3
77	53.2	45.1	67.7
79	50.1	43.4	65.2



#18
Hexachloroethane
Concen: 45.731 ng
RT: 9.453 min Scan# 1007
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:	117	Resp:	19441
Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.7	115.1
201	127.9	109.0	163.4

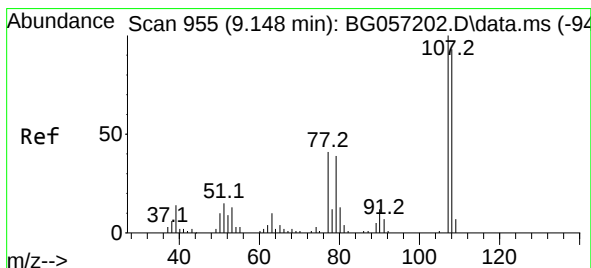
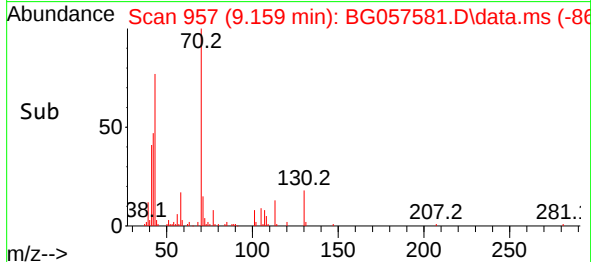
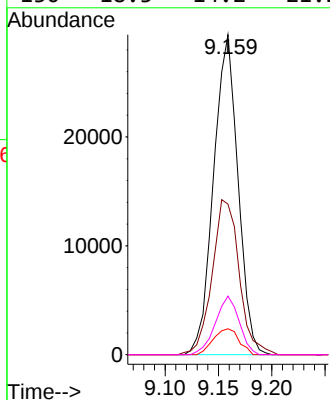
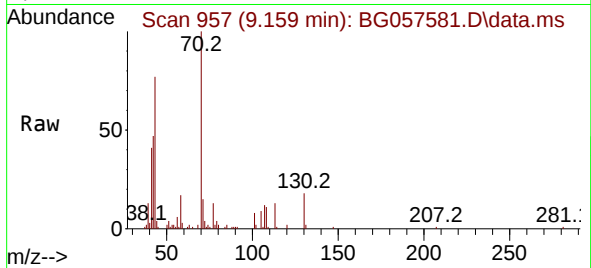




#19
n-Nitroso-di-n-propylamine
Concen: 40.126 ng
RT: 9.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

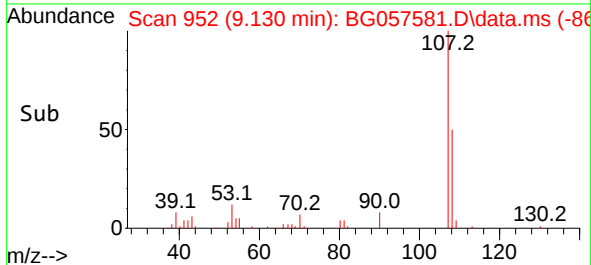
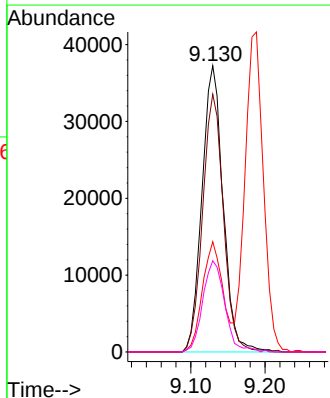
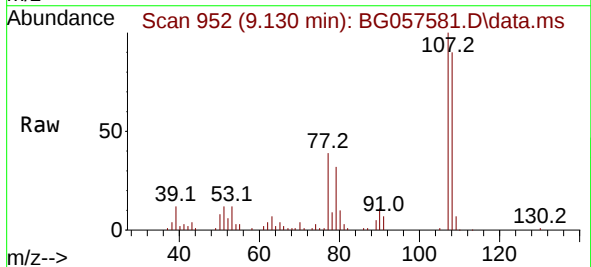
Instrument :
BNA_G
ClientSampleId :
PB152987BS

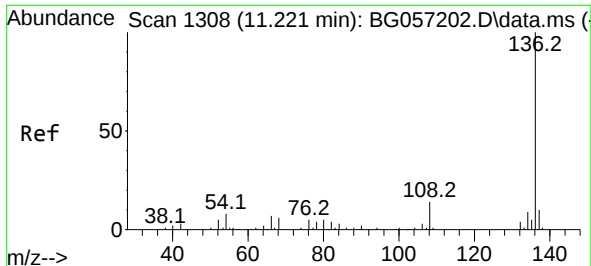
Tgt Ion: 70 Resp: 46723
Ion Ratio Lower Upper
70 100
42 47.1 41.8 62.8
101 8.1 6.8 10.2
130 18.3 14.2 21.2



#20
3+4-Methylphenols
Concen: 50.261 ng
RT: 9.130 min Scan# 952
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 107 Resp: 73850
Ion Ratio Lower Upper
107 100
108 90.1 73.5 113.5
77 38.5 21.1 61.1
79 31.8 18.8 58.8

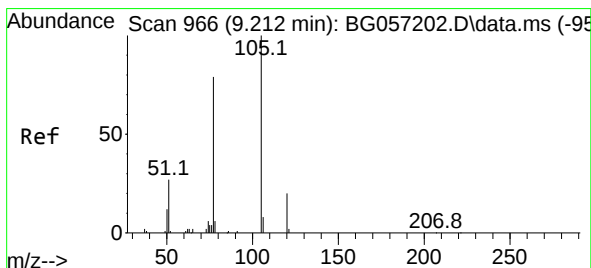
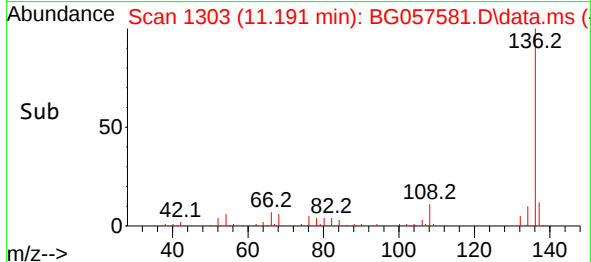
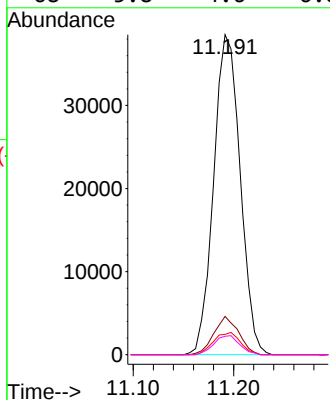
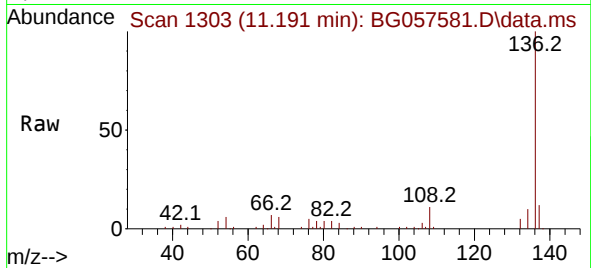




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

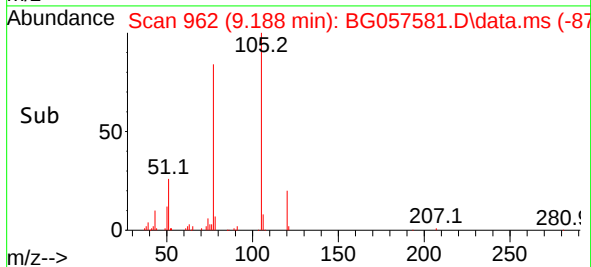
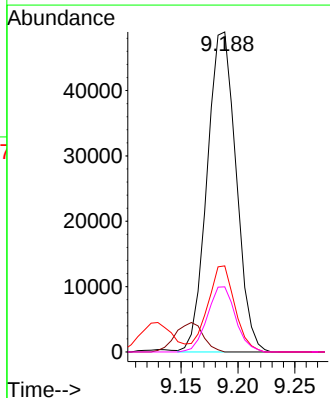
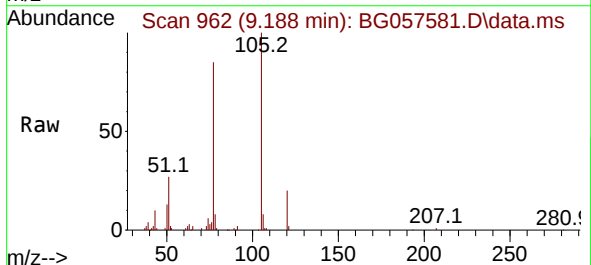
Instrument :
BNA_G
ClientSampleId :
PB152987BS

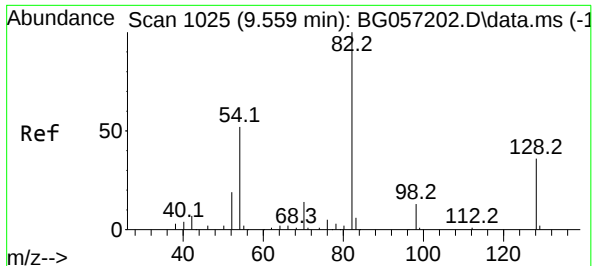
Tgt Ion:	136	Resp:	70568
Ion Ratio	Lower	Upper	
136	100		
137	11.9	8.3	12.5
54	6.3	6.7	10.1#
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 42.944 ng
RT: 9.188 min Scan# 962
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:	105	Resp:	86737
Ion Ratio	Lower	Upper	
105	100		
71	0.0	0.4	0.6#
51	26.9	24.0	36.0
120	20.4	15.8	23.8





#23

Nitrobenzene-d5

Concen: 63.606 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

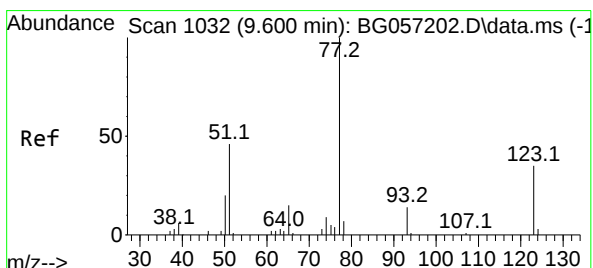
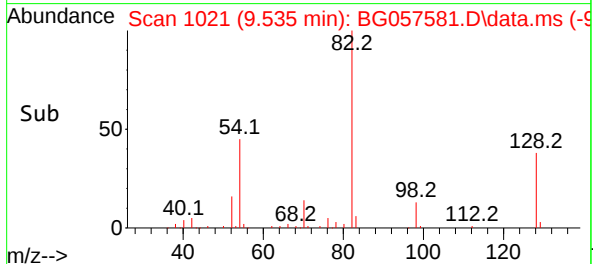
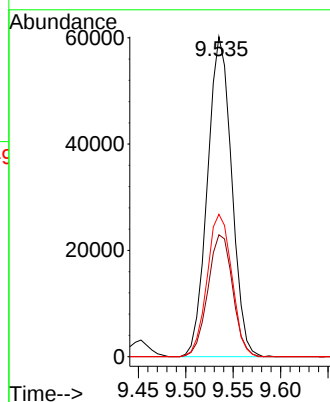
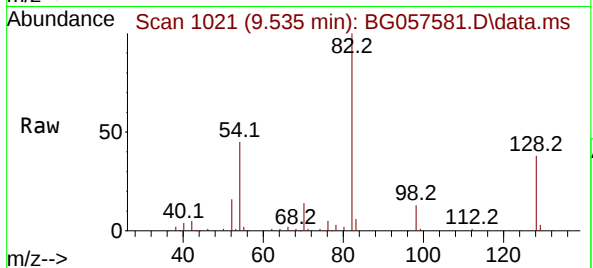
Tgt Ion: 82 Resp: 106945

Ion Ratio Lower Upper

82 100

128 38.1 29.0 43.4

54 44.5 41.4 62.0



#24

Nitrobenzene

Concen: 40.624 ng

RT: 9.582 min Scan# 1029

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

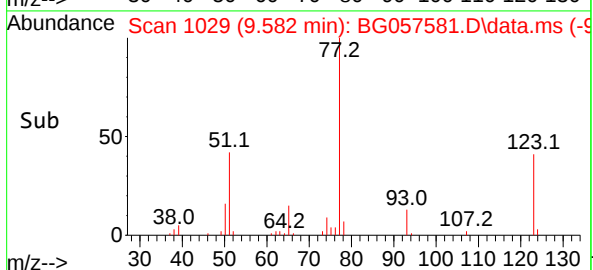
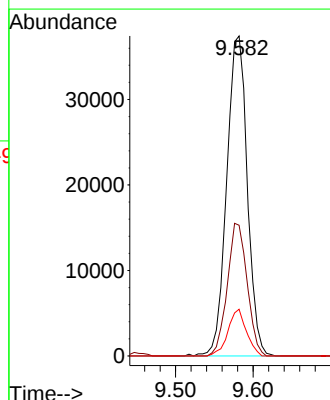
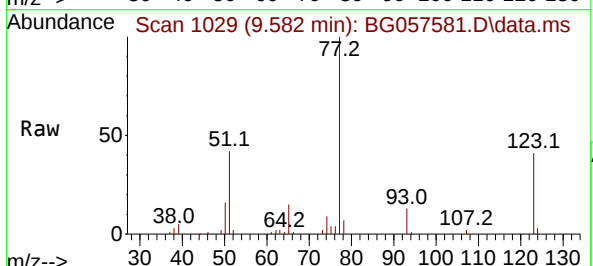
Tgt Ion: 77 Resp: 68940

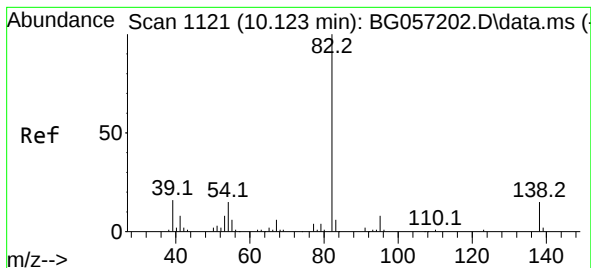
Ion Ratio Lower Upper

77 100

123 40.9 28.2 42.2

65 14.6 11.7 17.5





#25

Isophorone

Concen: 39.268 ng

RT: 10.099 min Scan# 1117

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

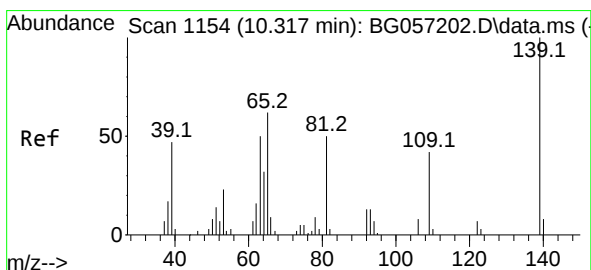
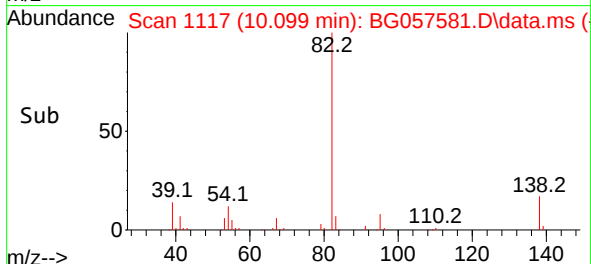
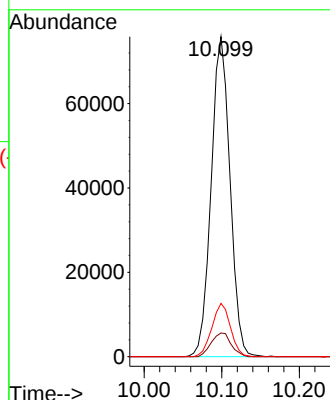
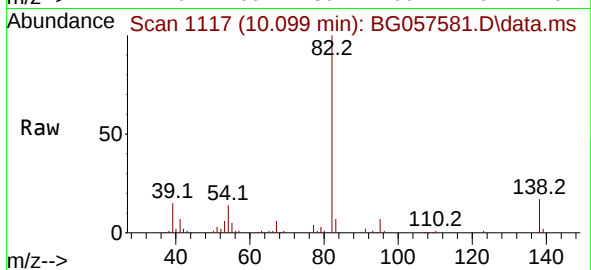
Tgt Ion: 82 Resp: 128027

Ion Ratio Lower Upper

82 100

95 7.4 6.4 9.6

138 16.7 12.3 18.5



#26

2-Nitrophenol

Concen: 50.123 ng

RT: 10.299 min Scan# 1151

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

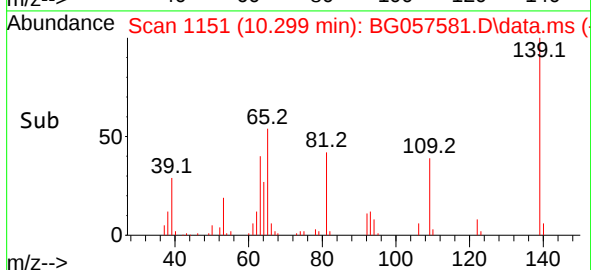
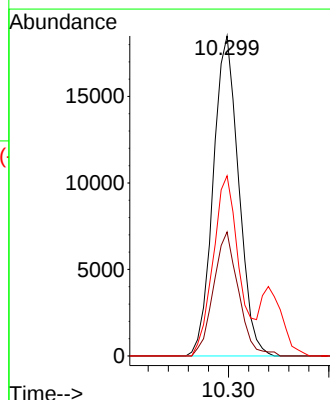
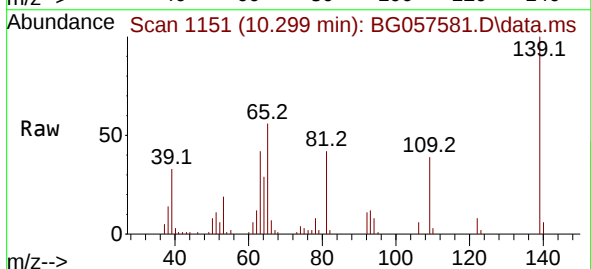
Tgt Ion:139 Resp: 32559

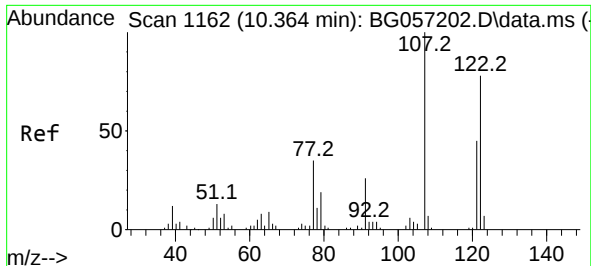
Ion Ratio Lower Upper

139 100

109 38.8 33.4 50.2

65 56.3 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 52.973 ng

RT: 10.340 min Scan# 1162

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

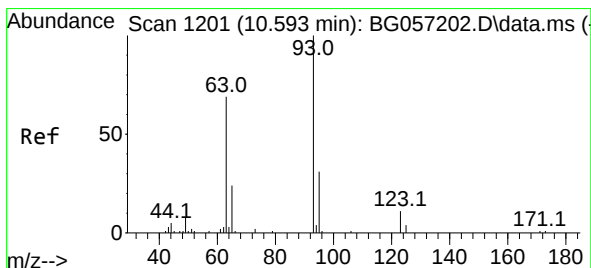
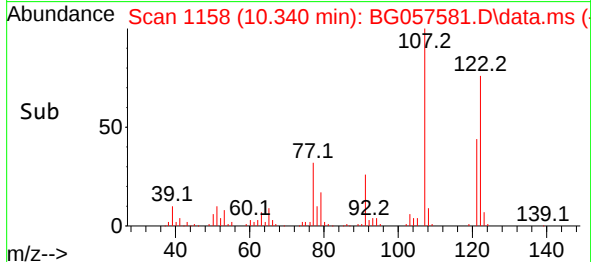
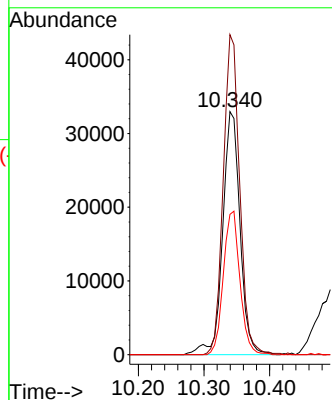
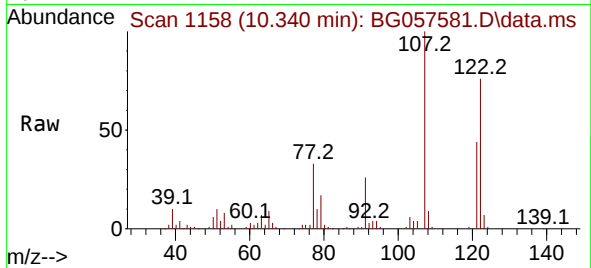
Tgt Ion:122 Resp: 60253

Ion Ratio Lower Upper

122 100

107 131.7 103.0 154.4

121 57.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 43.694 ng

RT: 10.569 min Scan# 1197

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

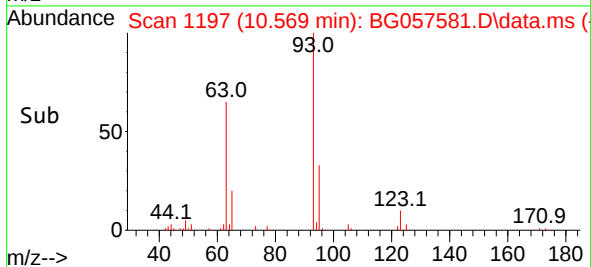
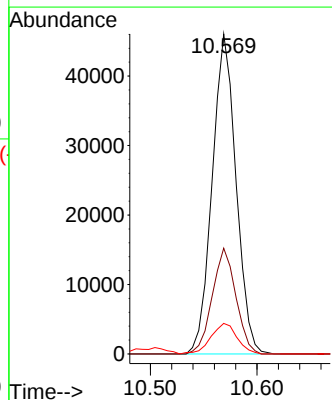
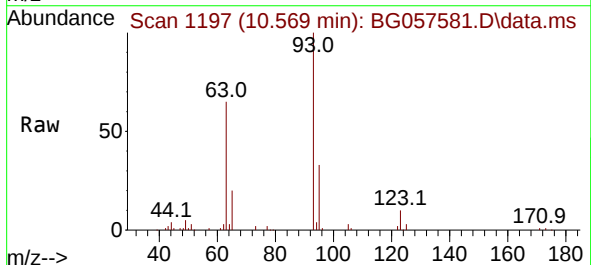
Tgt Ion: 93 Resp: 71368

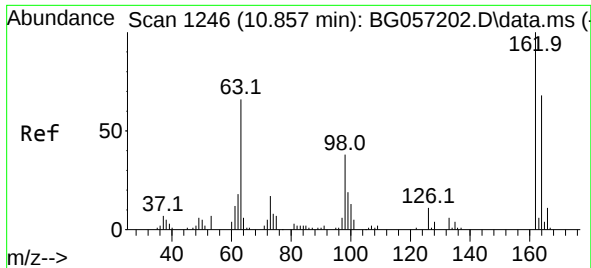
Ion Ratio Lower Upper

93 100

95 33.1 25.0 37.6

123 9.6 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 53.687 ng

RT: 10.845 min Scan# 1

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

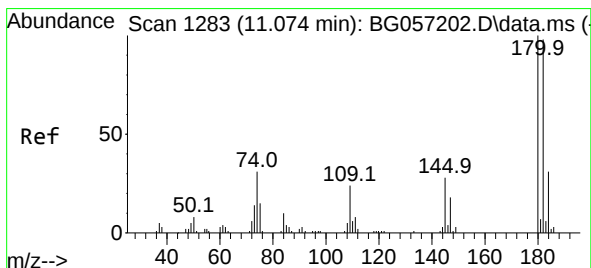
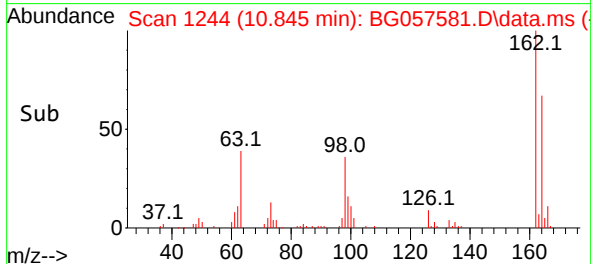
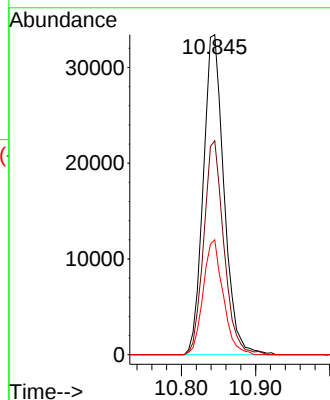
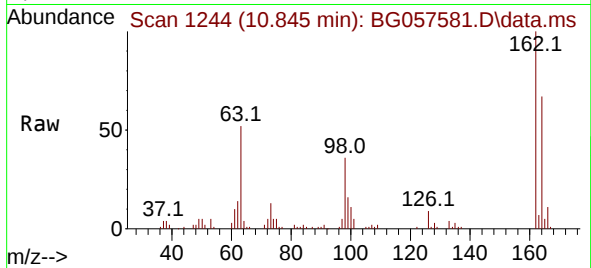
Tgt Ion:162 Resp: 64767

Ion Ratio Lower Upper

162 100

164 66.9 48.4 88.4

98 35.9 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 44.267 ng

RT: 11.051 min Scan# 1279

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

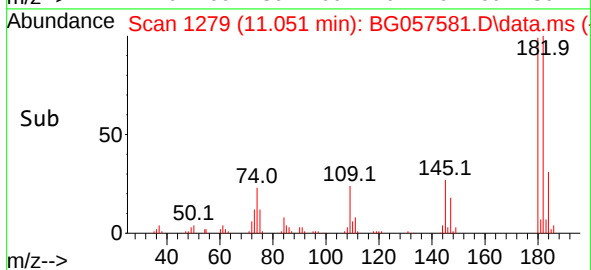
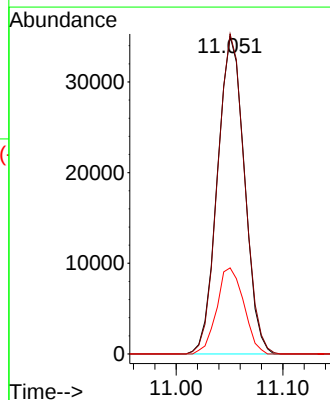
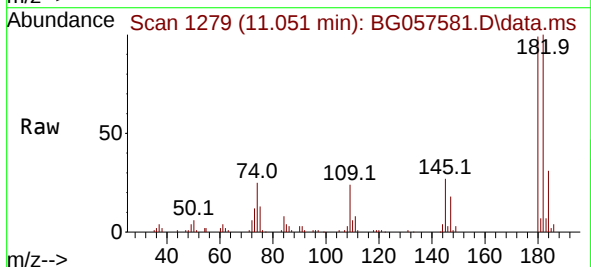
Tgt Ion:180 Resp: 61596

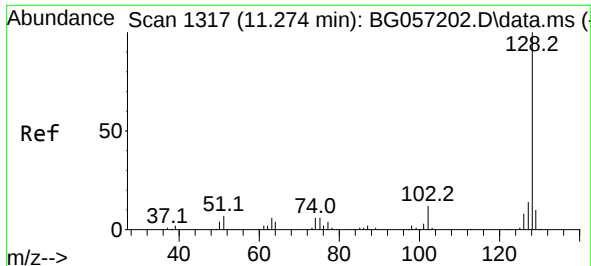
Ion Ratio Lower Upper

180 100

182 100.6 78.0 117.0

145 27.1 22.4 33.6

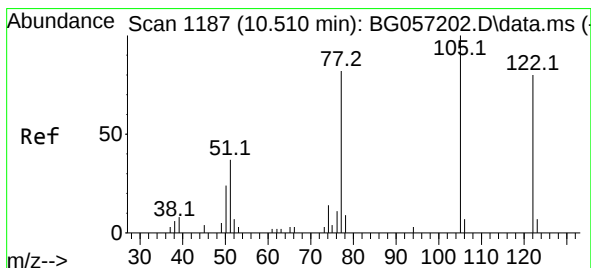
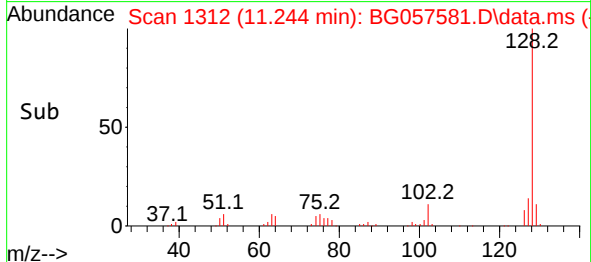
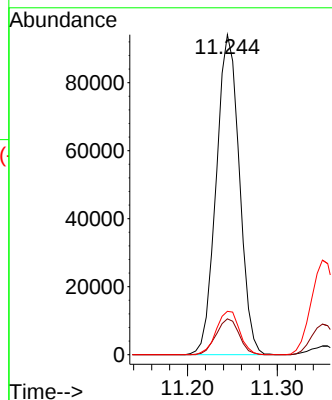
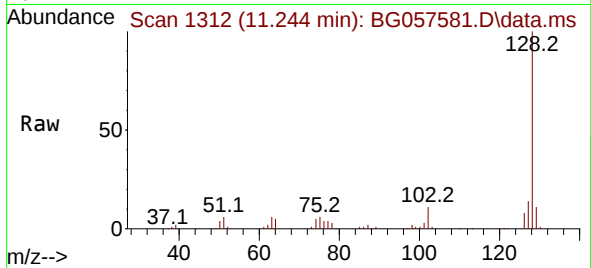




#31
Naphthalene
Concen: 44.586 ng
RT: 11.244 min Scan# 1186
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

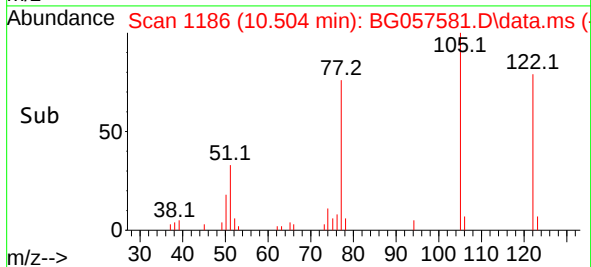
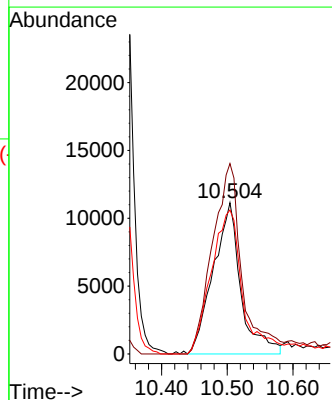
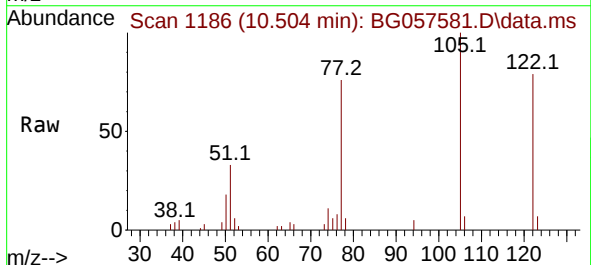
Instrument :
BNA_G
ClientSampleId :
PB152987BS

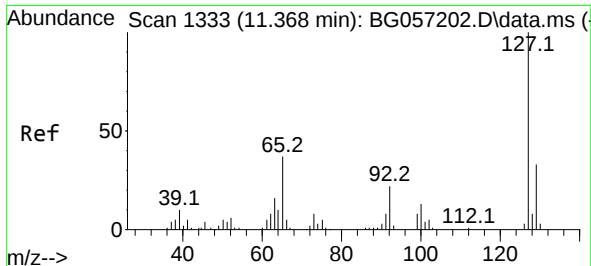
Tgt Ion:128 Resp: 168207
Ion Ratio Lower Upper
128 100
129 11.2 8.3 12.5
127 13.6 11.1 16.7



#32
Benzoic acid
Concen: 49.453 ng
RT: 10.504 min Scan# 1186
Delta R.T. 0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:122 Resp: 32540
Ion Ratio Lower Upper
122 100
105 125.9 105.2 145.2
77 95.2 83.1 123.1

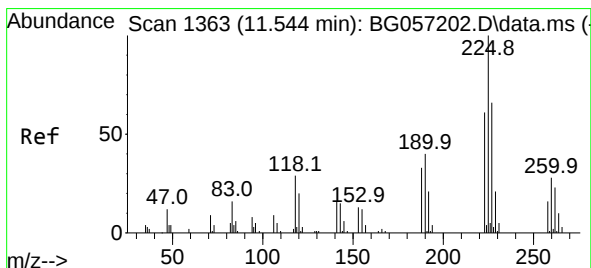
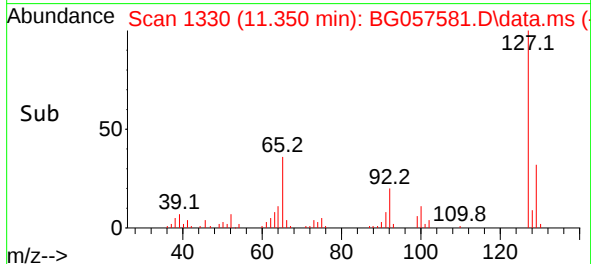
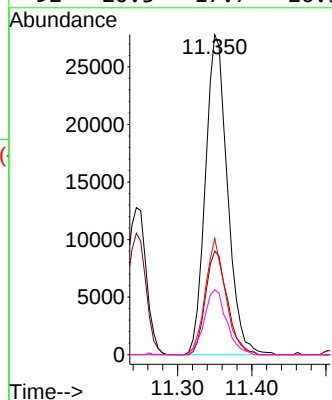
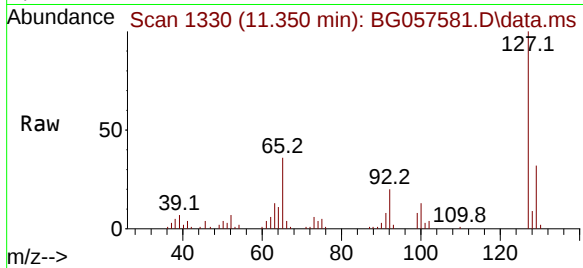




#33
4-Chloroaniline
Concen: 33.886 ng
RT: 11.350 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

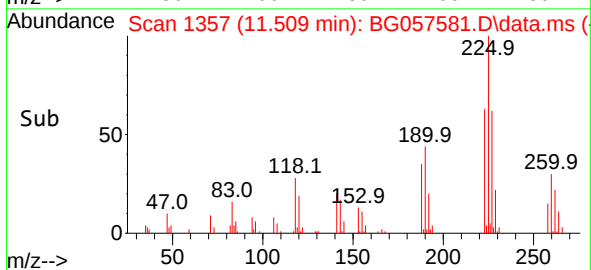
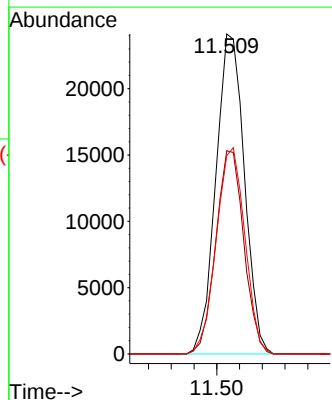
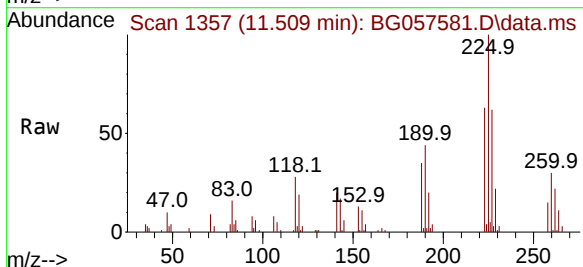
Instrument :
BNA_G
ClientSampleId :
PB152987BS

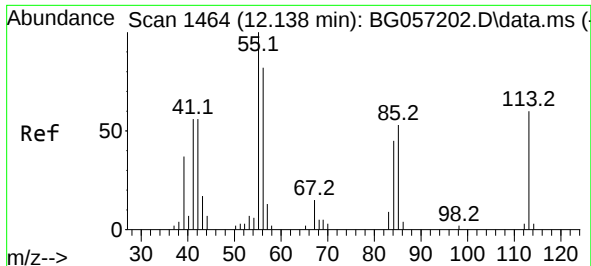
Tgt Ion:127	Resp:	57410
Ion Ratio	Lower	Upper
127	100	
129	32.3	26.7 40.1
65	36.3	29.7 44.5
92	20.3	17.7 26.5



#34
Hexachlorobutadiene
Concen: 40.730 ng
RT: 11.509 min Scan# 1357
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:225	Resp:	42053
Ion Ratio	Lower	Upper
225	100	
223	63.5	48.6 72.8
227	62.0	52.7 79.1

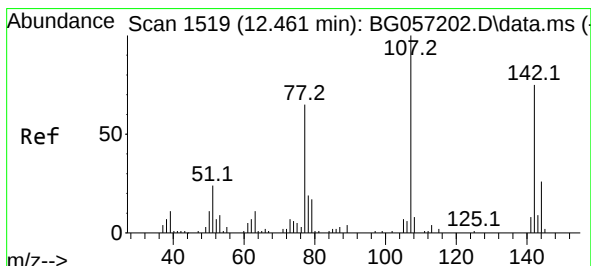
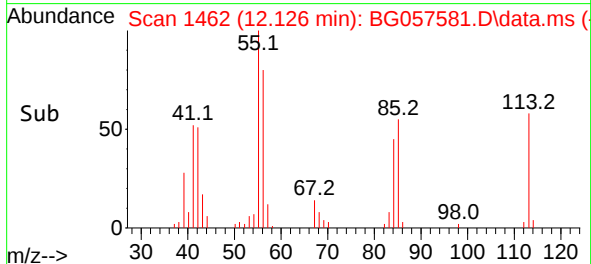
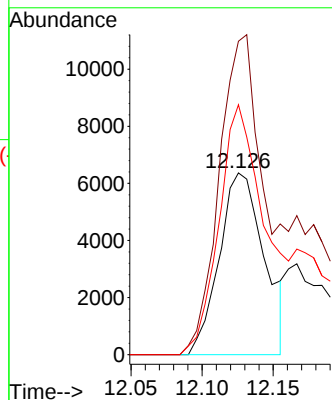
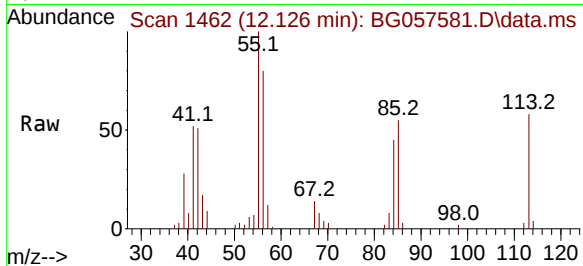




#35
Caprolactam
Concen: 33.905 ng
RT: 12.126 min Scan# 1462
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

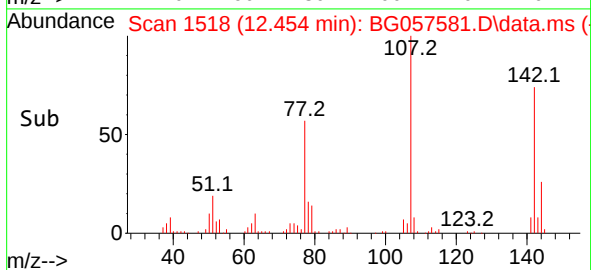
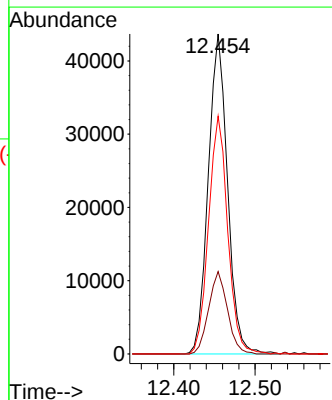
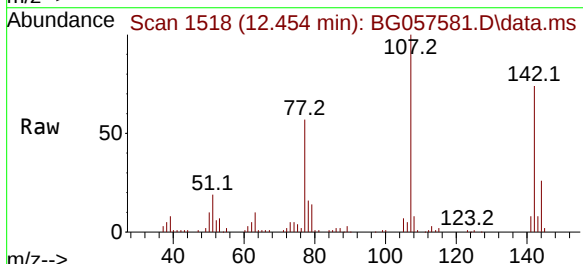
Instrument :
BNA_G
ClientSampleId :
PB152987BS

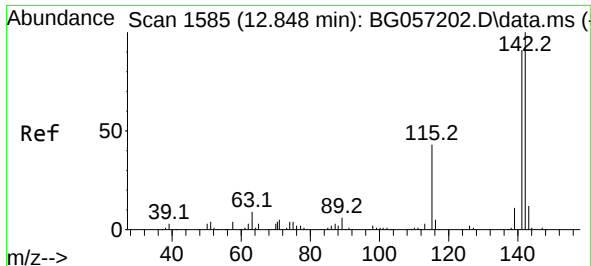
Tgt Ion:113 Resp: 13972
Ion Ratio Lower Upper
113 100
55 172.5 145.5 185.5
56 137.5 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 52.314 ng
RT: 12.454 min Scan# 1518
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:107 Resp: 71720
Ion Ratio Lower Upper
107 100
144 25.8 21.0 31.6
142 74.3 60.0 90.0

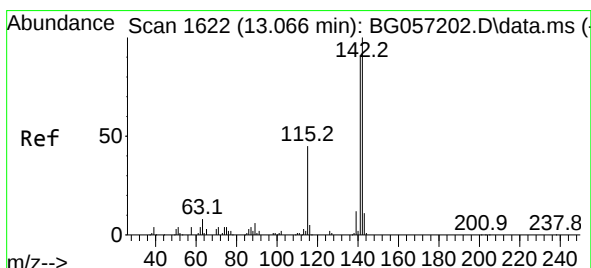
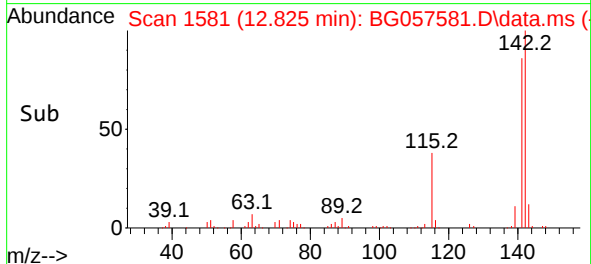
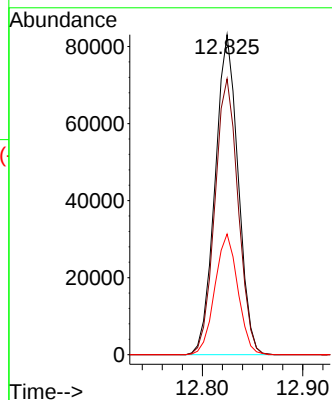
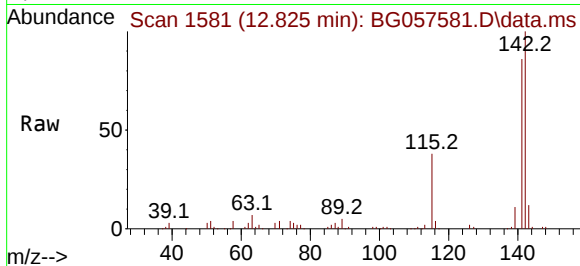




#37
2-Methylnaphthalene
Concen: 44.686 ng
RT: 12.825 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

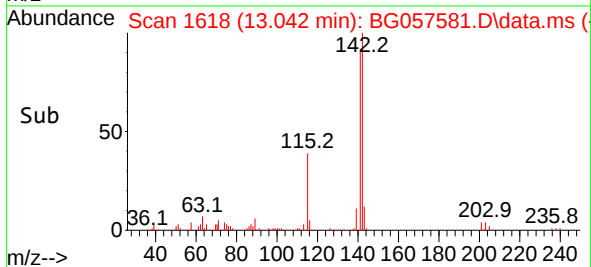
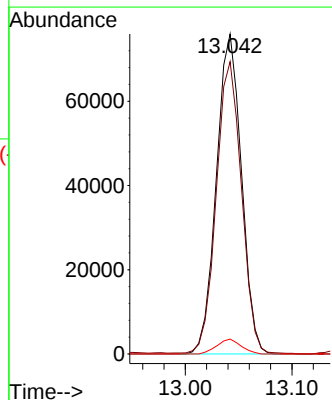
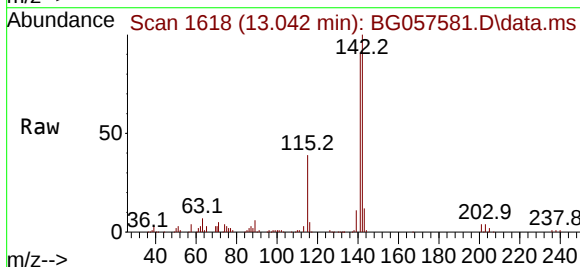
Instrument :
BNA_G
ClientSampleId :
PB152987BS

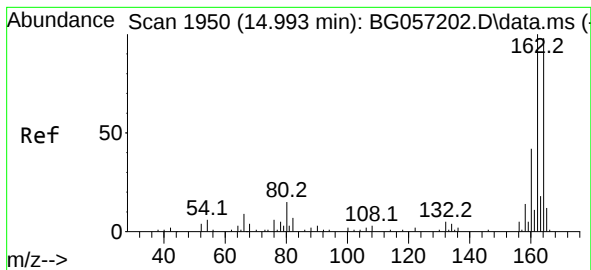
Tgt Ion:142 Resp: 132548
Ion Ratio Lower Upper
142 100
141 86.2 73.1 109.7
115 37.7 34.6 52.0



#38
1-Methylnaphthalene
Concen: 44.278 ng
RT: 13.042 min Scan# 1618
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:142 Resp: 123793
Ion Ratio Lower Upper
142 100
141 91.4 72.5 108.7
116 4.7 3.7 5.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.975 min Scan# 1947

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

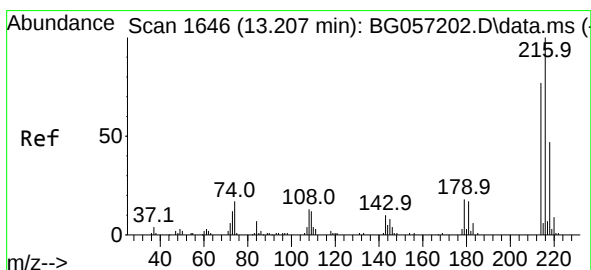
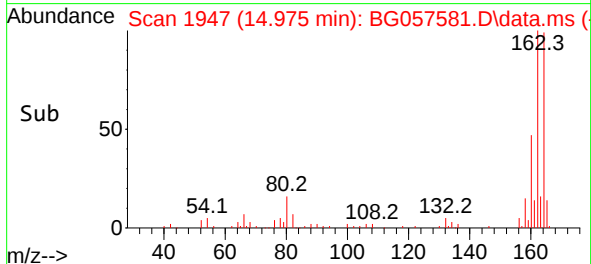
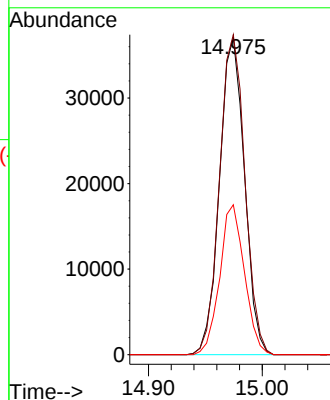
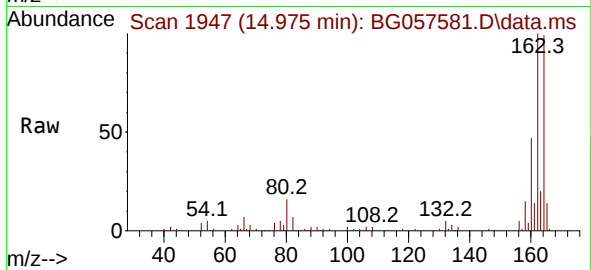
Tgt Ion:164 Resp: 56453

Ion Ratio Lower Upper

164 100

162 100.9 81.8 122.6

160 47.2 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.208 ng

RT: 13.189 min Scan# 1643

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Tgt Ion:216 Resp: 88599

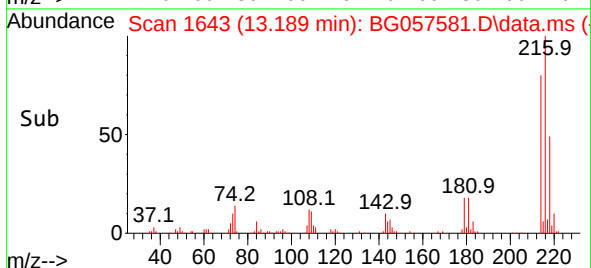
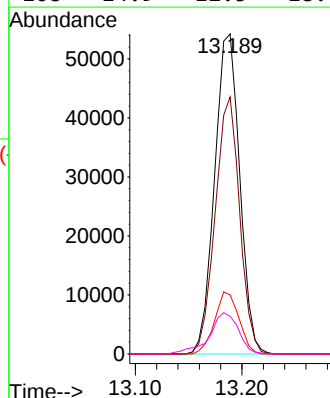
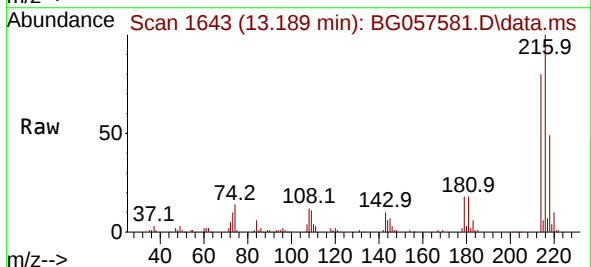
Ion Ratio Lower Upper

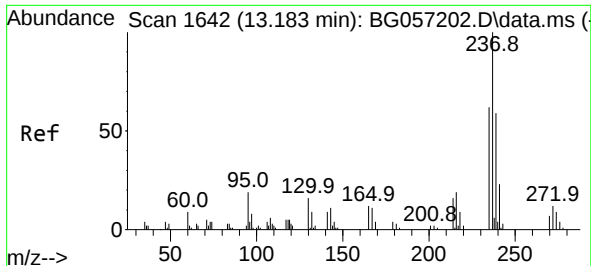
216 100

214 78.1 63.7 95.5

179 18.8 14.6 22.0

108 14.9 12.5 18.7

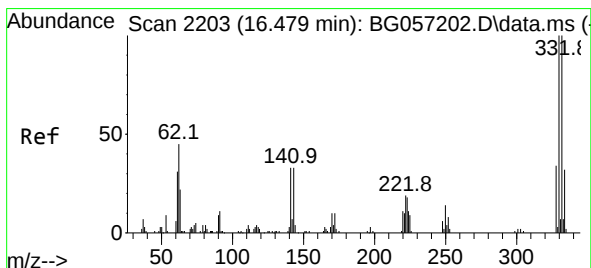
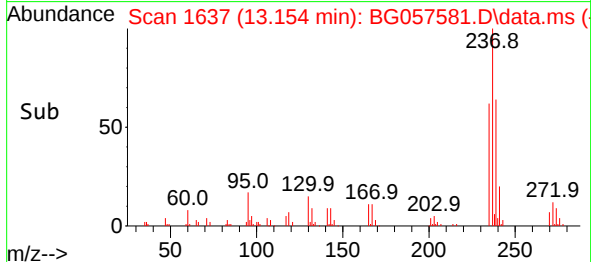
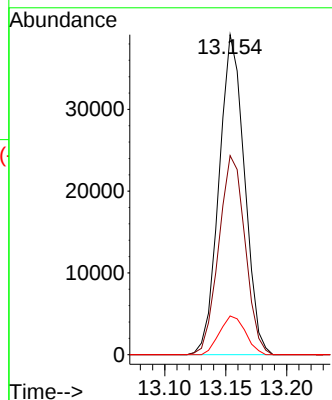
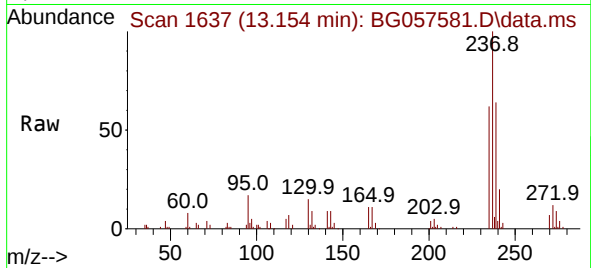




#41
Hexachlorocyclopentadiene
Concen: 60.644 ng
RT: 13.154 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

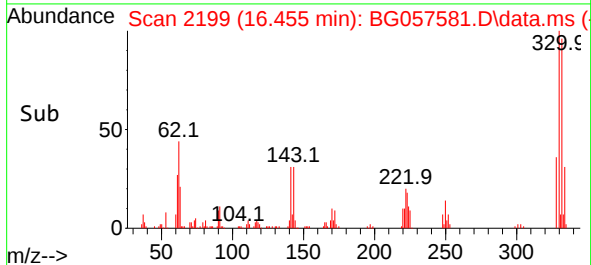
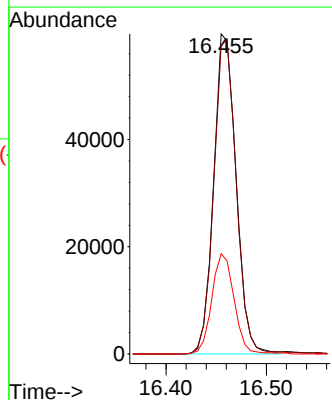
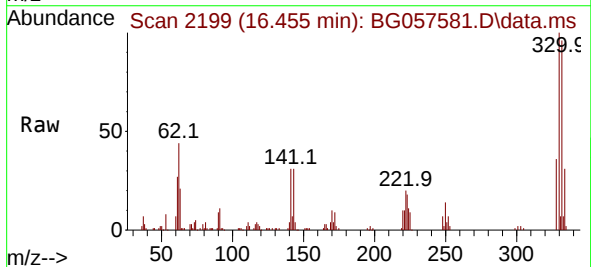
Instrument :
BNA_G
ClientSampleId :
PB152987BS

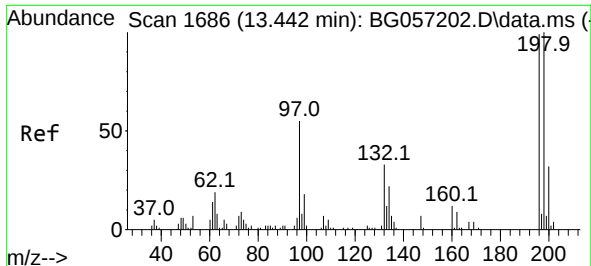
Tgt Ion:237 Resp: 56827
Ion Ratio Lower Upper
237 100
235 62.2 42.0 82.0
272 12.1 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 115.526 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:330 Resp: 92537
Ion Ratio Lower Upper
330 100
332 98.8 78.2 117.2
141 31.2 27.8 41.8

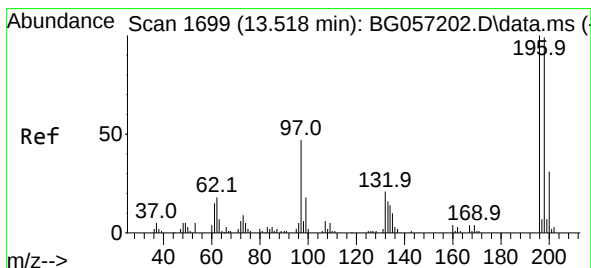
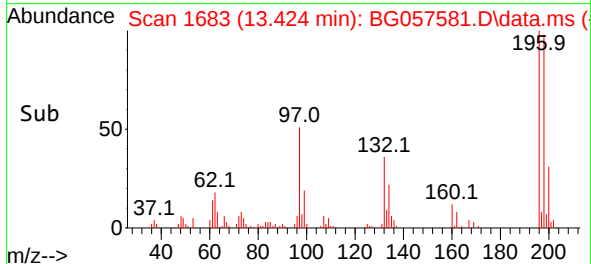
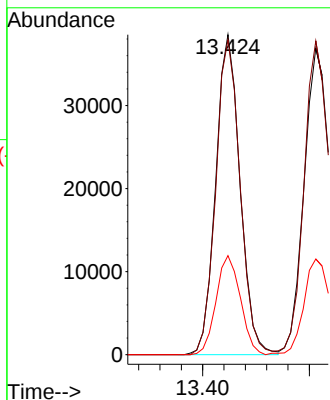
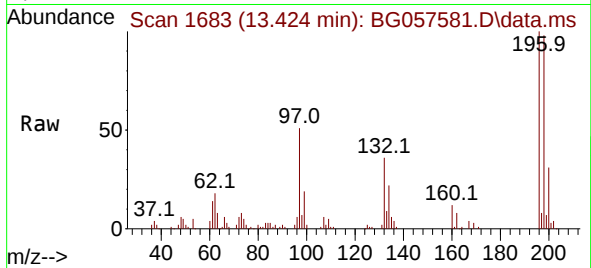




#43
2,4,6-Trichlorophenol
Concen: 49.841 ng
RT: 13.424 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

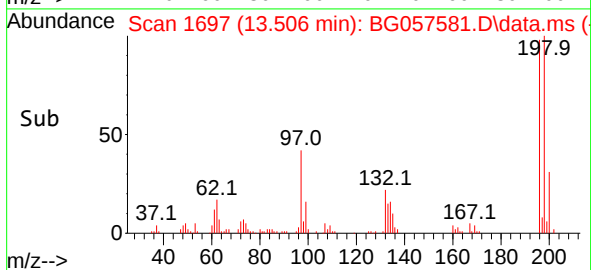
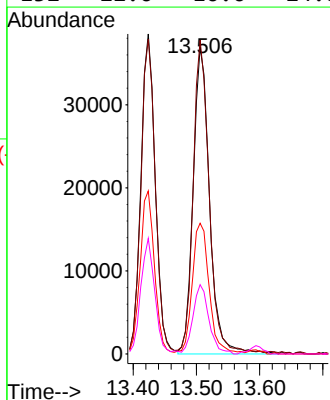
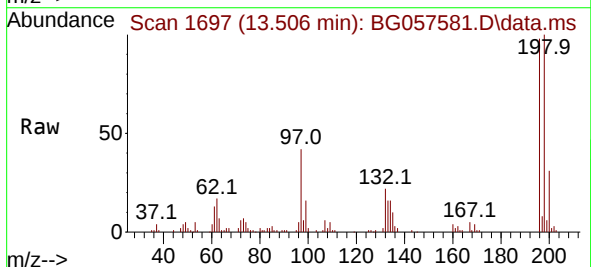
Instrument :
BNA_G
ClientSampleId :
PB152987BS

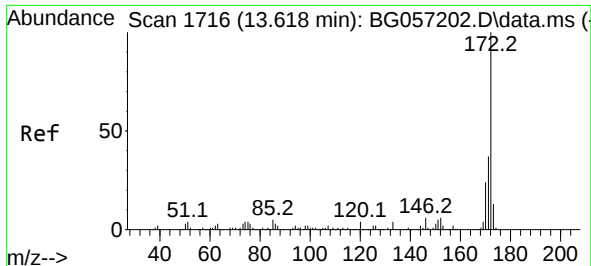
Tgt Ion:196 Resp: 60855
Ion Ratio Lower Upper
196 100
198 98.4 81.2 121.8
200 31.0 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 46.444 ng
RT: 13.506 min Scan# 1697
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:196 Resp: 66705
Ion Ratio Lower Upper
196 100
198 102.4 79.4 119.2
97 42.6 37.0 55.4
132 22.6 16.6 24.8

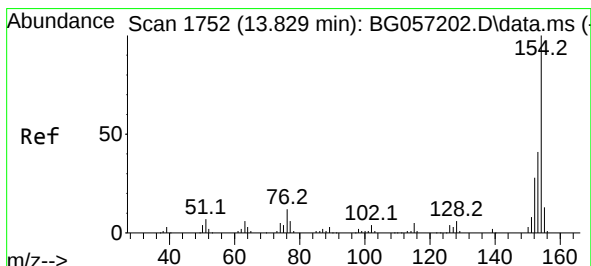
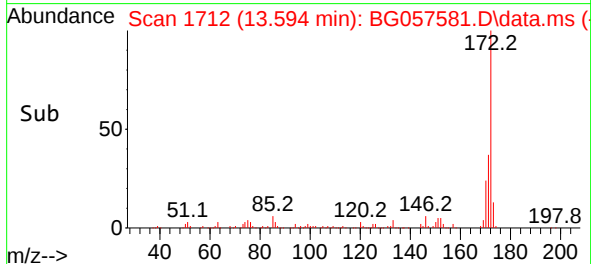
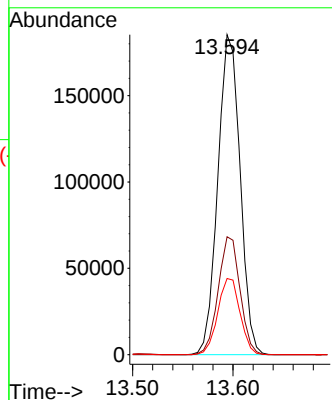
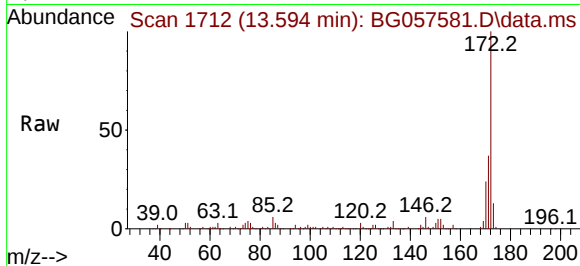




#45
2-Fluorobiphenyl
Concen: 68.052 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

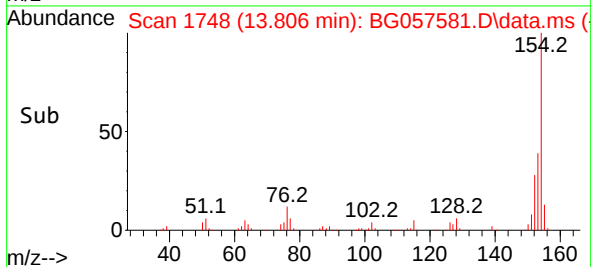
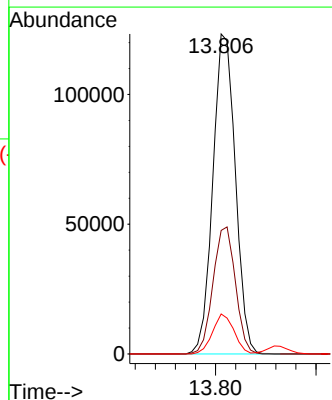
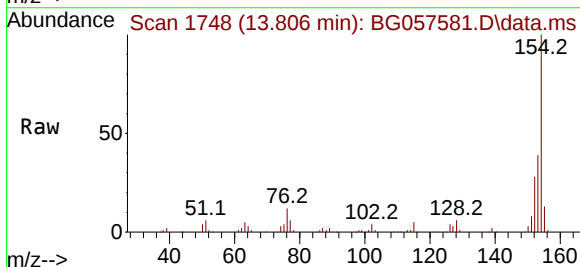
Instrument :
BNA_G
ClientSampleId :
PB152987BS

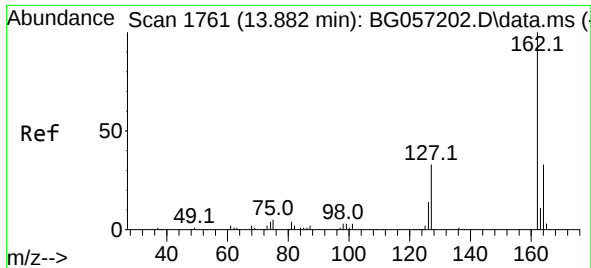
Tgt Ion:172 Resp: 285252
Ion Ratio Lower Upper
172 100
171 36.9 29.4 44.0
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 45.792 ng
RT: 13.806 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:154 Resp: 191822
Ion Ratio Lower Upper
154 100
153 38.6 20.9 60.9
76 12.5 0.0 31.7

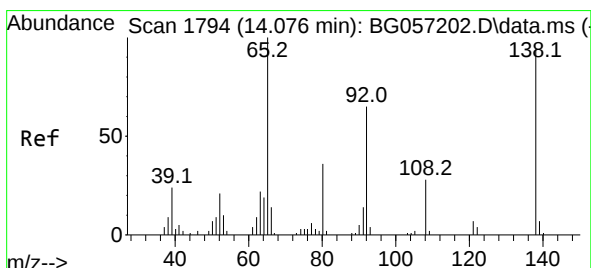
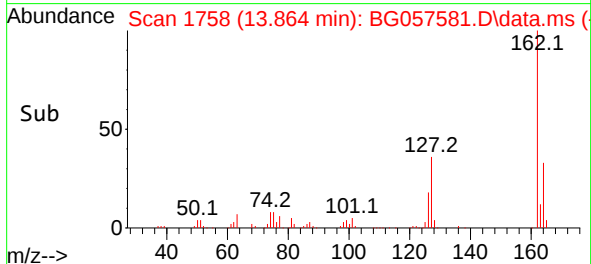
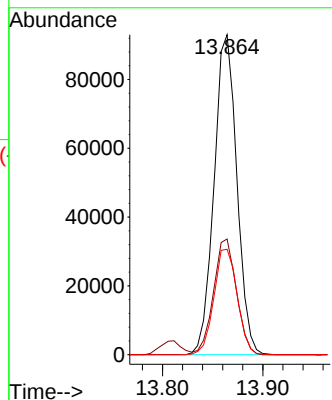
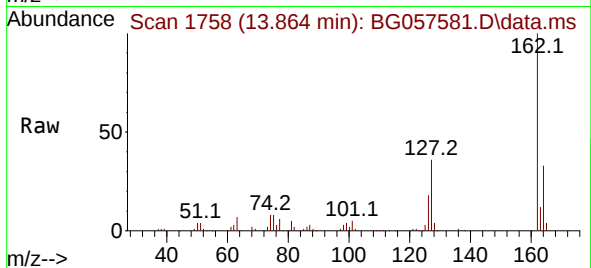




#47
2-Chloronaphthalene
Concen: 47.068 ng
RT: 13.864 min Scan# 1758
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

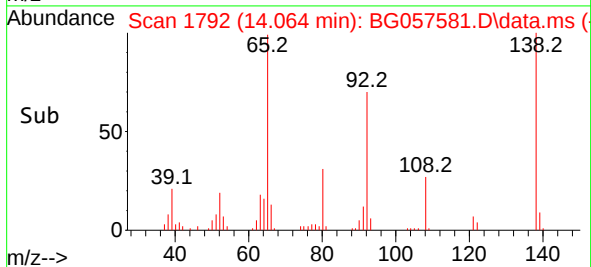
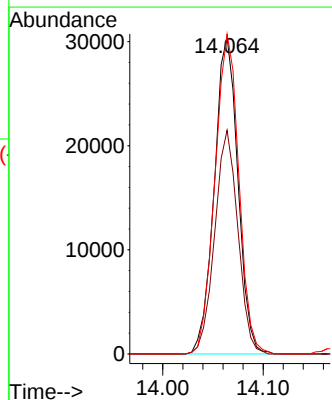
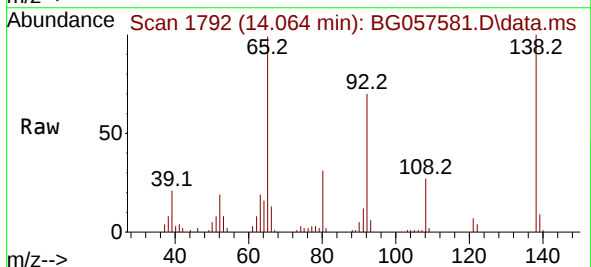
Instrument :
BNA_G
ClientSampleId :
PB152987BS

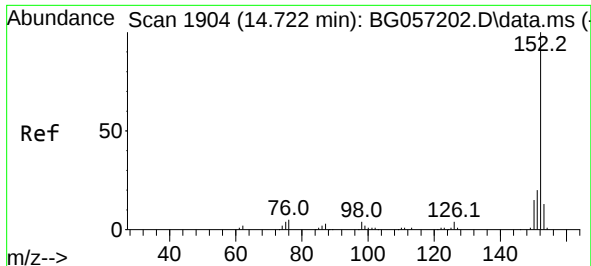
Tgt Ion:162 Resp: 146620
Ion Ratio Lower Upper
162 100
127 36.2 29.8 44.6
164 33.0 26.6 40.0



#48
2-Nitroaniline
Concen: 46.900 ng
RT: 14.064 min Scan# 1792
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion: 65 Resp: 49675
Ion Ratio Lower Upper
65 100
92 70.6 52.1 78.1
138 101.0 75.3 112.9

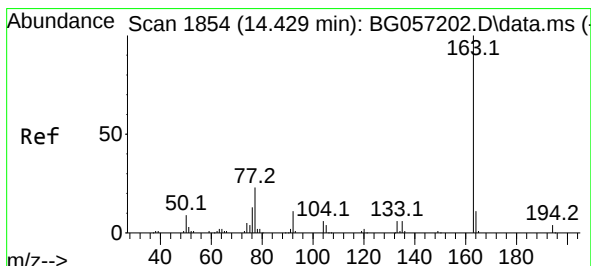
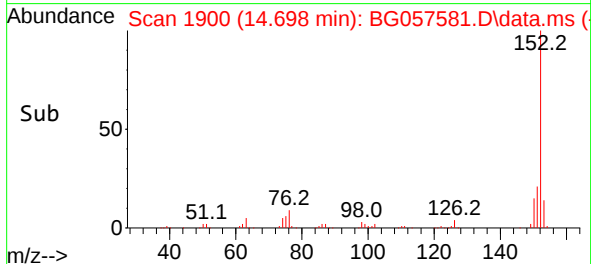
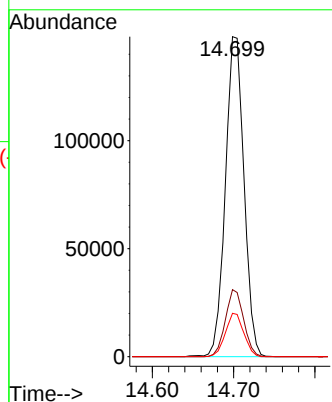
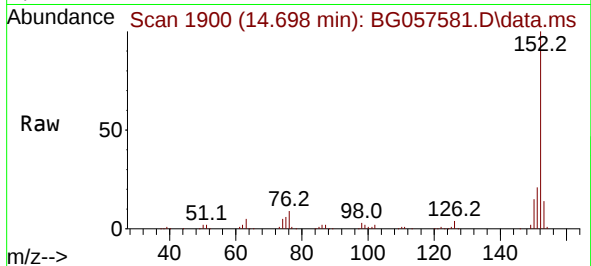




#49
Acenaphthylene
Concen: 46.684 ng
RT: 14.698 min Scan# 1900
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

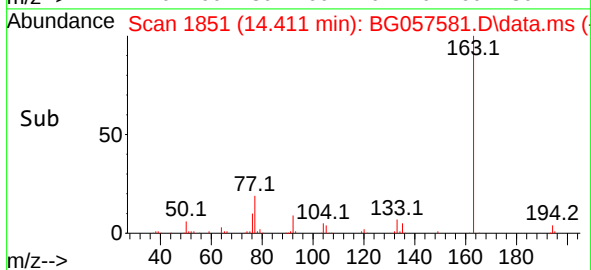
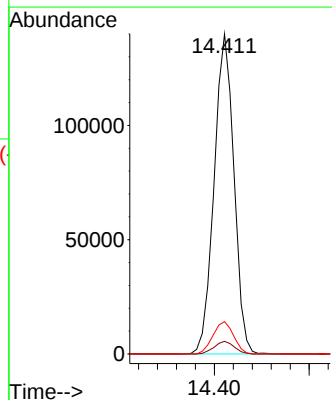
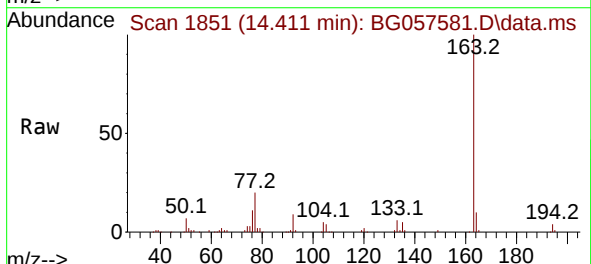
Instrument :
BNA_G
ClientSampleId :
PB152987BS

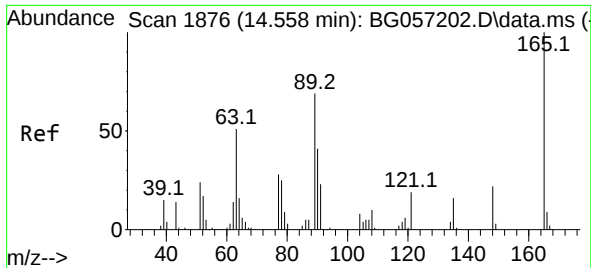
Tgt Ion:152 Resp: 236260
Ion Ratio Lower Upper
152 100
151 21.0 16.0 24.0
153 13.6 10.7 16.1



#50
Dimethylphthalate
Concen: 43.880 ng
RT: 14.411 min Scan# 1851
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:163 Resp: 203561
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.2
164 10.1 8.8 13.2

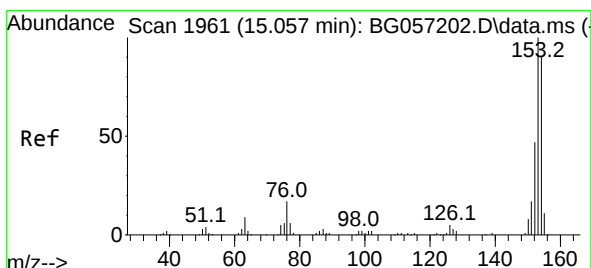
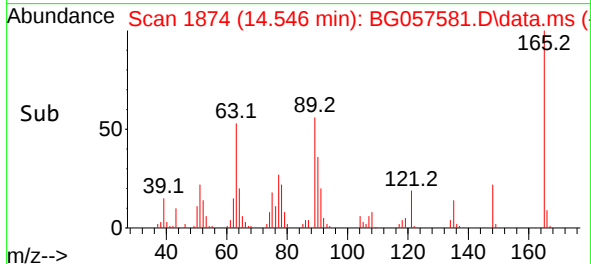
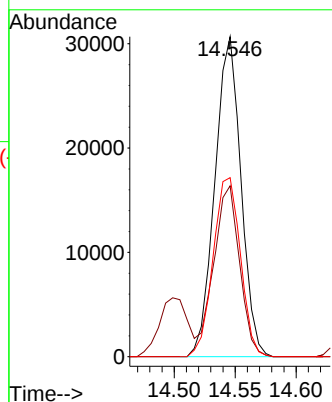
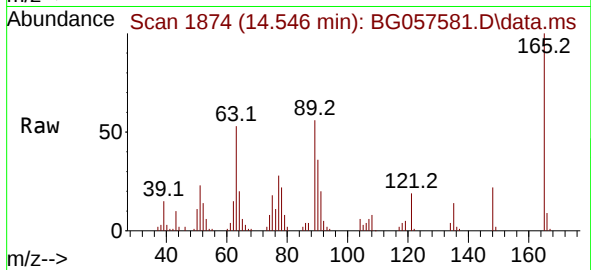




#51
2,6-Dinitrotoluene
Concen: 48.170 ng
RT: 14.546 min Scan# 11
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

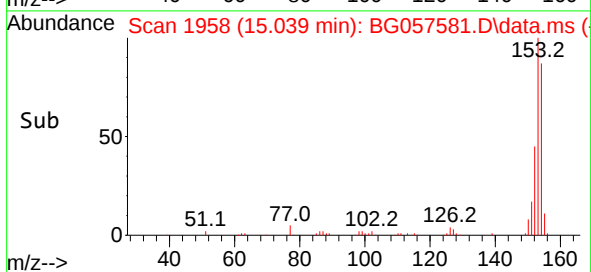
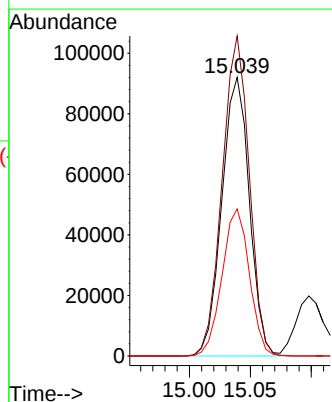
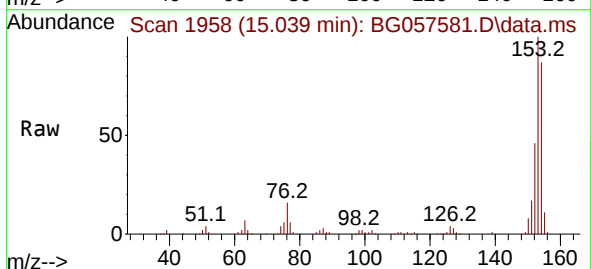
Instrument :
BNA_G
ClientSampleId :
PB152987BS

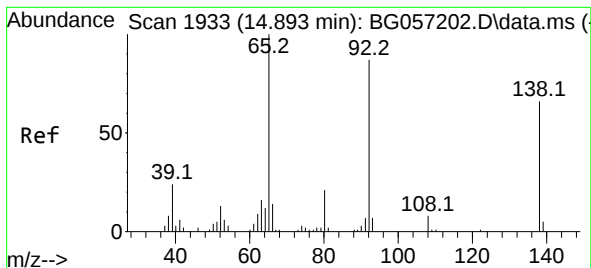
Tgt Ion:165 Resp: 45625
Ion Ratio Lower Upper
165 100
63 53.4 50.9 76.3
89 55.9 55.2 82.8



#52
Acenaphthene
Concen: 45.786 ng
RT: 15.039 min Scan# 1958
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:154 Resp: 144794
Ion Ratio Lower Upper
154 100
153 114.9 89.3 133.9
152 52.8 41.7 62.5





#53
3-Nitroaniline
Concen: 37.101 ng
RT: 14.881 min Scan# 1933
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

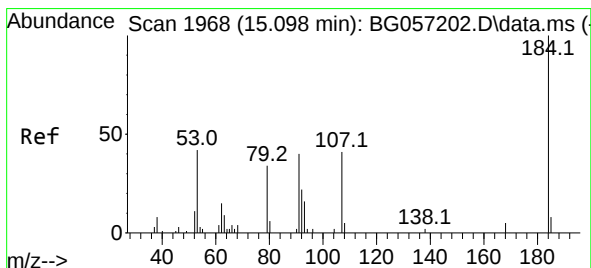
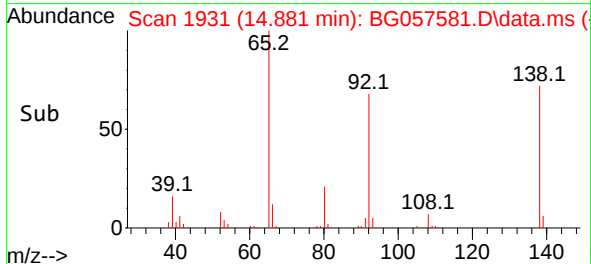
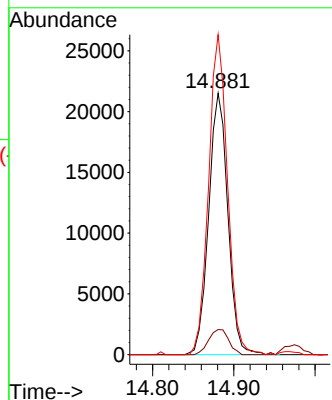
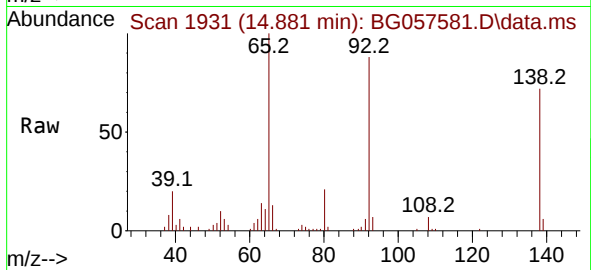
Instrument :

BNA_G

ClientSampleId :

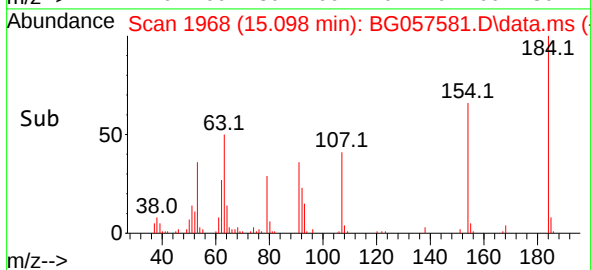
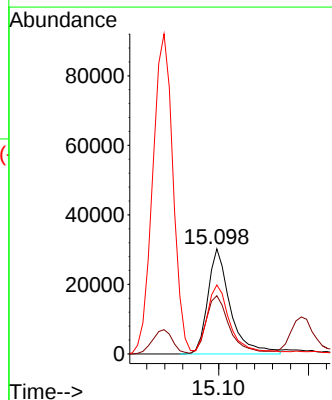
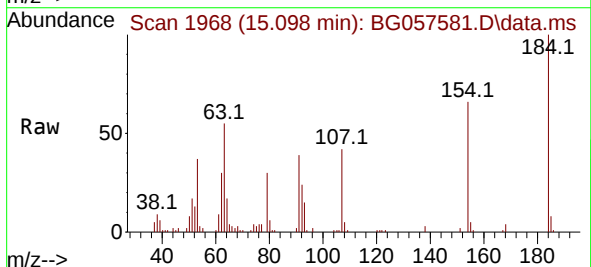
PB152987BS

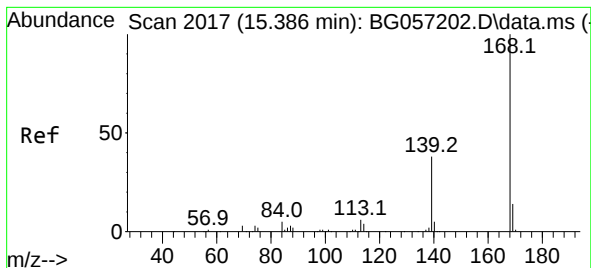
Tgt Ion:138 Resp: 35205
Ion Ratio Lower Upper
138 100
108 9.6 9.5 14.3
92 122.4 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 89.066 ng
RT: 15.098 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:184 Resp: 52592
Ion Ratio Lower Upper
184 100
63 55.4 48.2 72.4
154 65.5 55.4 83.2





#55

Dibenzenofuran

Concen: 45.863 ng

RT: 15.368 min Scan# 2017

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

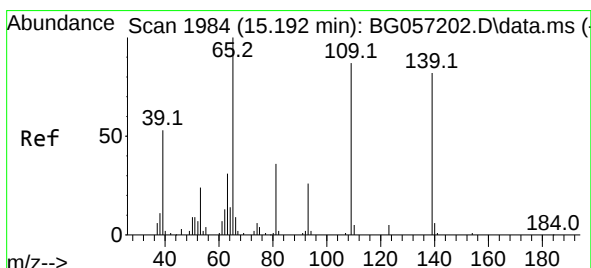
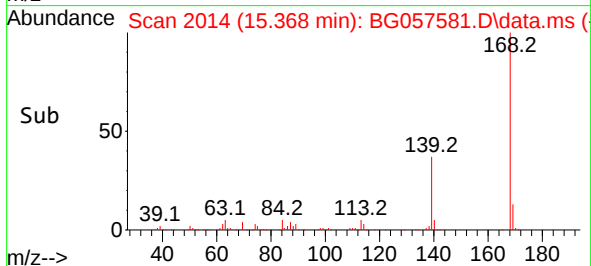
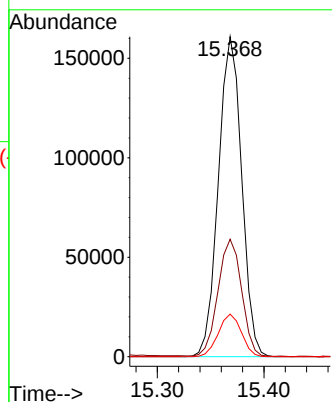
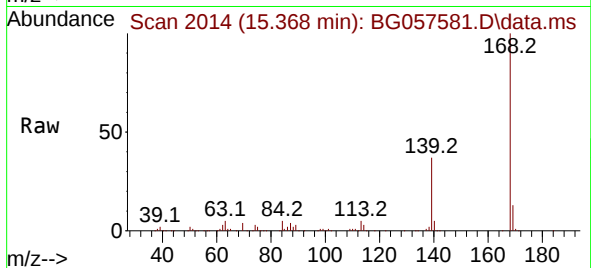
Tgt Ion:168 Resp: 243687

Ion Ratio Lower Upper

168 100

139 36.7 30.7 46.1

169 13.3 10.9 16.3



#56

4-Nitrophenol

Concen: 99.091 ng

RT: 15.192 min Scan# 1984

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

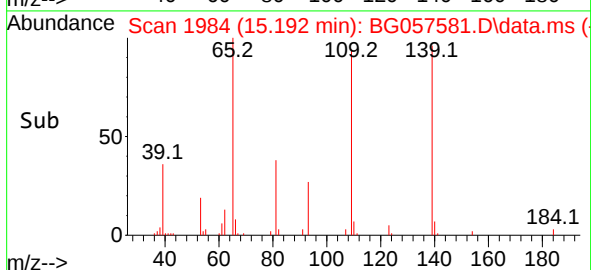
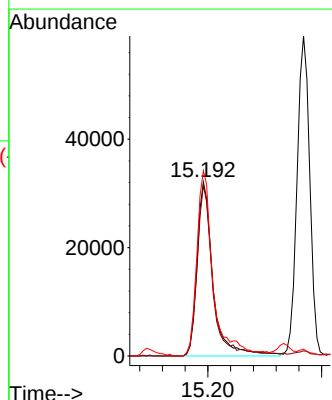
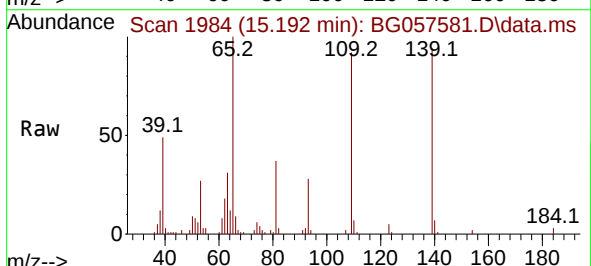
Tgt Ion:139 Resp: 62537

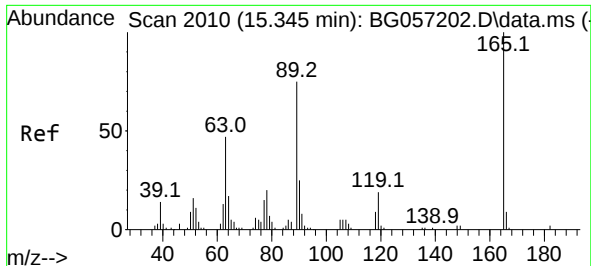
Ion Ratio Lower Upper

139 100

109 98.1 86.6 126.6

65 106.4 102.6 142.6

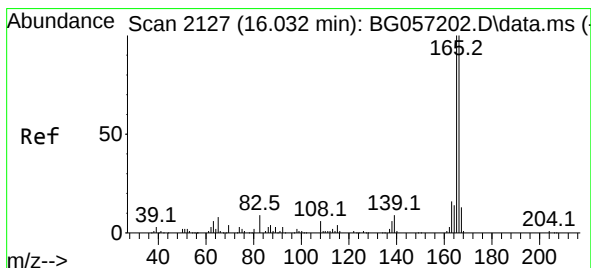
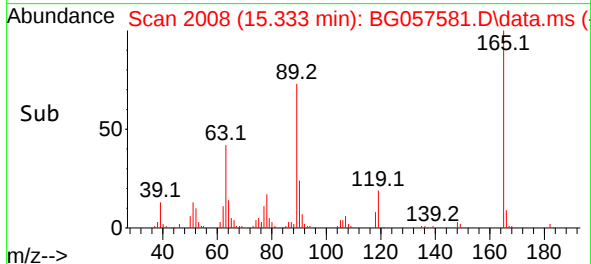
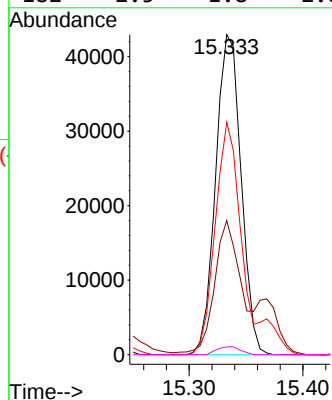
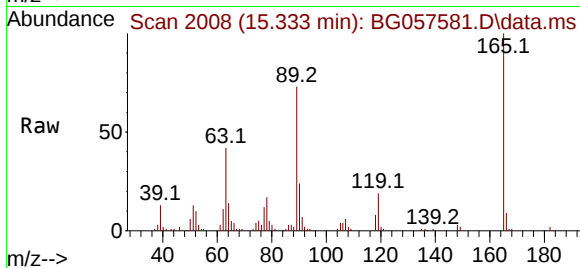




#57
2,4-Dinitrotoluene
Concen: 49.384 ng
RT: 15.333 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

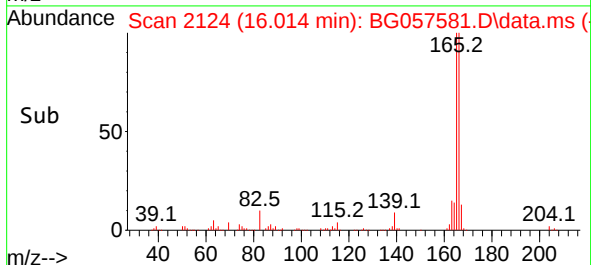
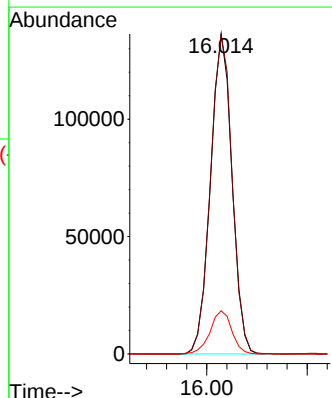
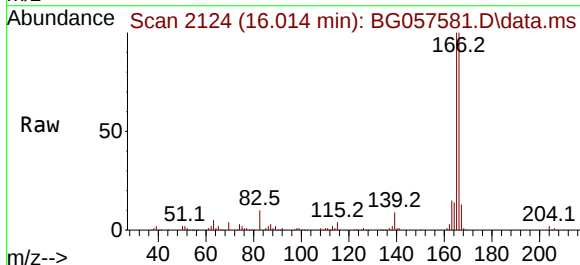
Instrument :
BNA_G
ClientSampleId :
PB152987BS

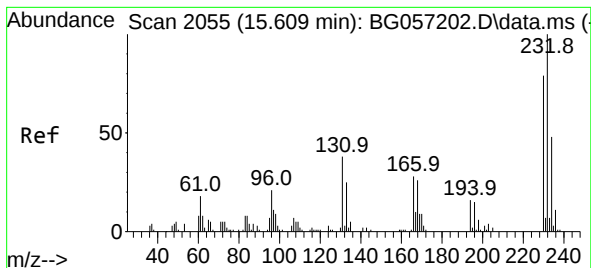
Tgt Ion:165 Resp: 66850
Ion Ratio Lower Upper
165 100
63 41.9 37.5 56.3
89 72.6 60.2 90.4
182 2.5 1.8 2.8



#58
Fluorene
Concen: 46.167 ng
RT: 16.014 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:166 Resp: 202057
Ion Ratio Lower Upper
166 100
165 99.8 80.1 120.1
167 13.5 10.2 15.2

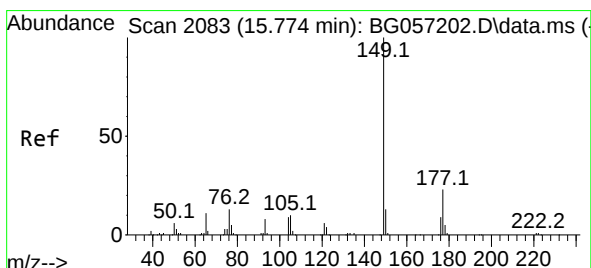
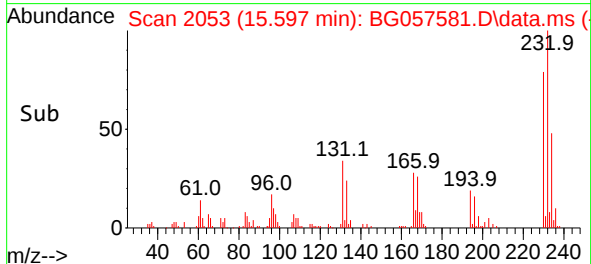
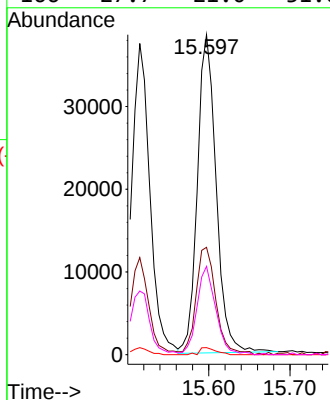
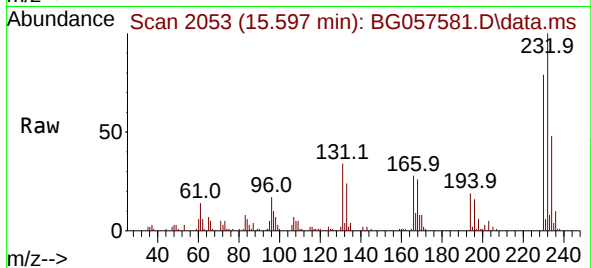




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.593 ng
RT: 15.597 min Scan# 2053
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

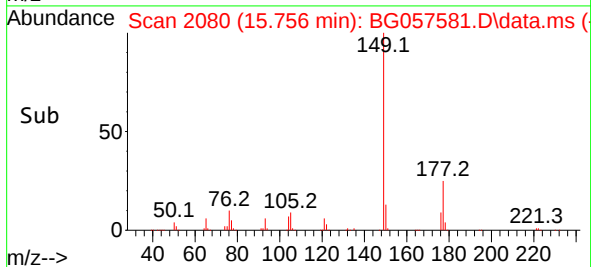
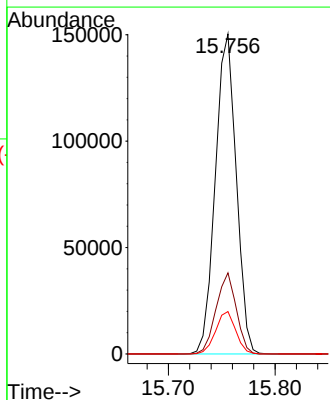
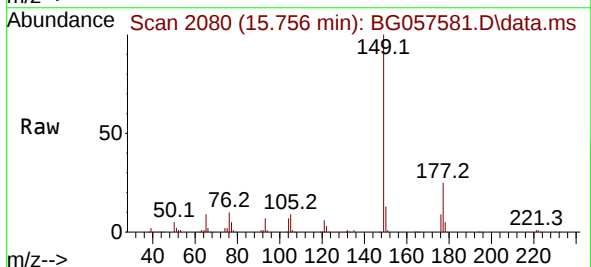
Instrument :
BNA_G
ClientSampleId :
PB152987BS

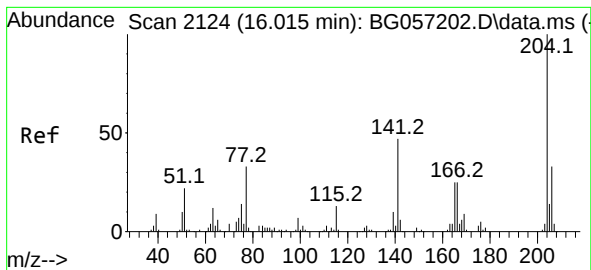
Tgt Ion:232 Resp: 61972
Ion Ratio Lower Upper
232 100
131 35.8 28.6 42.8
130 1.9 1.6 2.4
166 27.7 21.0 31.6



#60
Diethylphthalate
Concen: 43.412 ng
RT: 15.756 min Scan# 2080
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:149 Resp: 204518
Ion Ratio Lower Upper
149 100
177 25.4 18.3 27.5
150 13.2 10.1 15.1

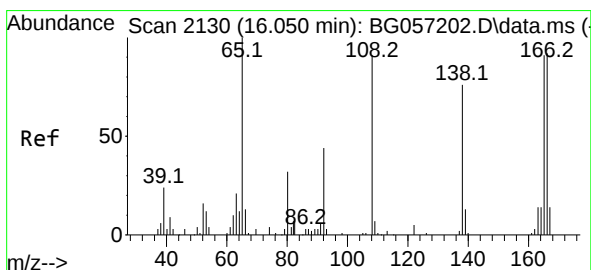
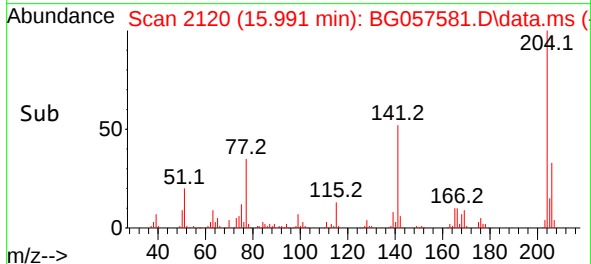
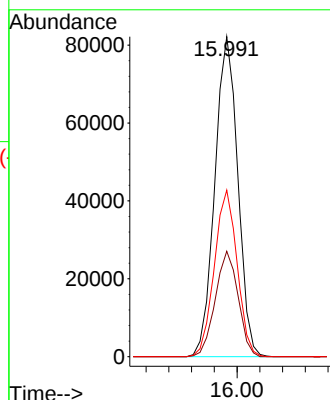
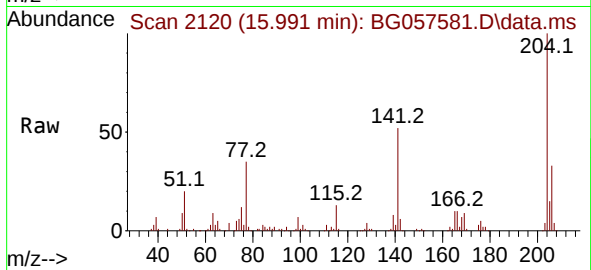




#61
4-Chlorophenyl-phenylether
Concen: 43.647 ng
RT: 15.991 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

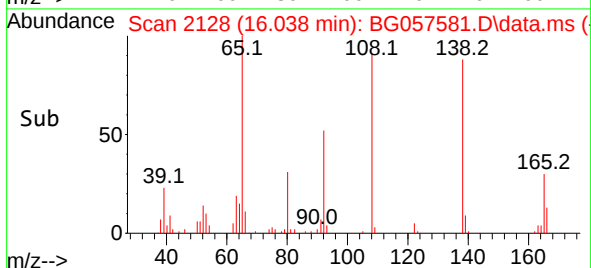
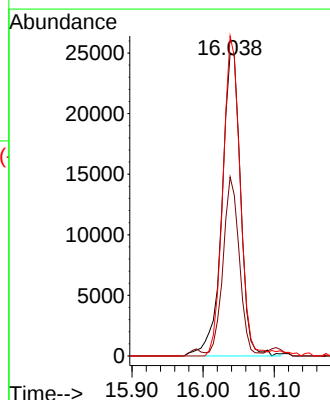
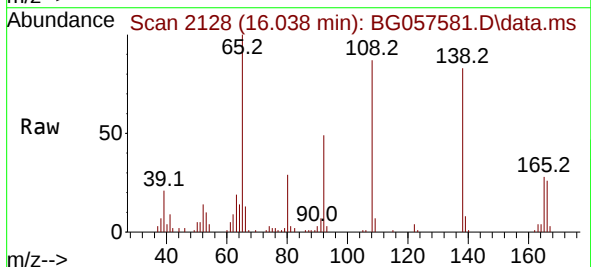
Instrument :
BNA_G
ClientSampleId :
PB152987BS

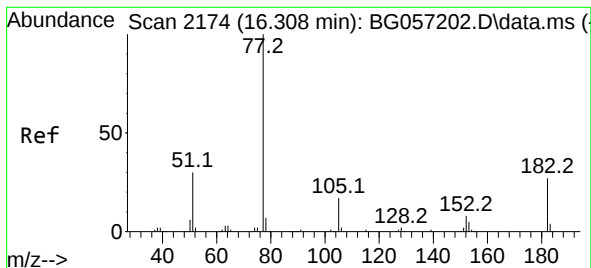
Tgt Ion:204 Resp: 115079
Ion Ratio Lower Upper
204 100
206 33.0 26.5 39.7
141 52.0 37.4 56.0



#62
4-Nitroaniline
Concen: 47.762 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:138 Resp: 45721
Ion Ratio Lower Upper
138 100
92 59.1 38.2 78.2
108 105.7 99.6 139.6





#63

Azobenzene

Concen: 41.600 ng

RT: 16.285 min Scan# 2170

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

Tgt Ion: 77 Resp: 189097

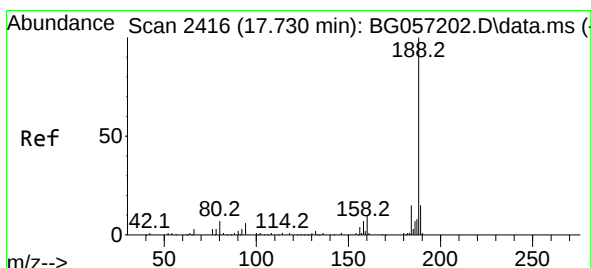
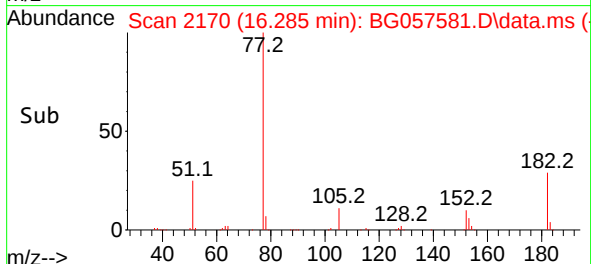
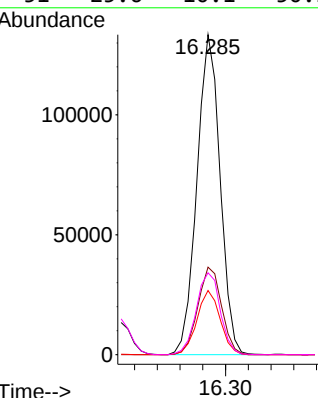
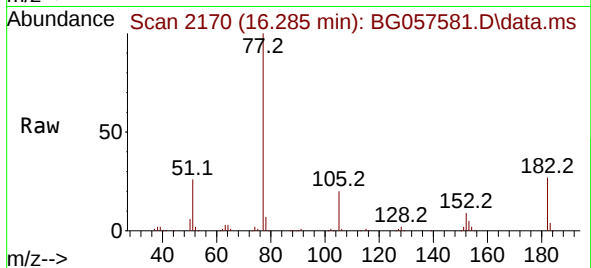
Ion Ratio Lower Upper

77 100

182 27.4 7.4 47.4

105 20.1 0.0 37.2

51 25.6 10.1 50.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.712 min Scan# 2413

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

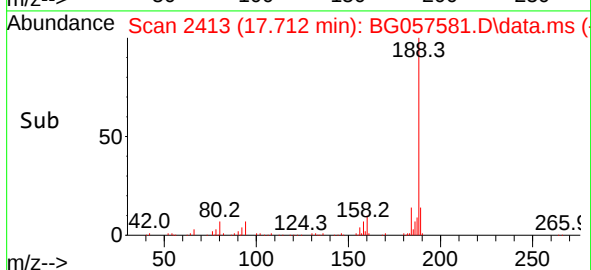
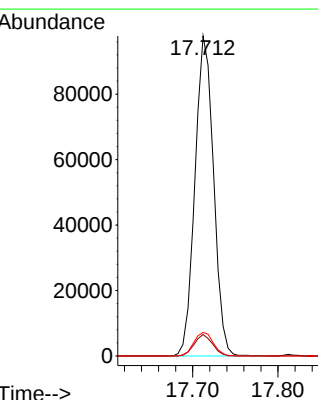
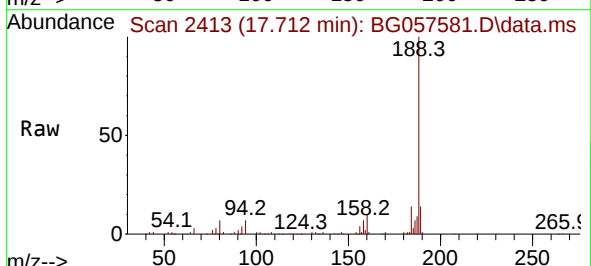
Tgt Ion:188 Resp: 148082

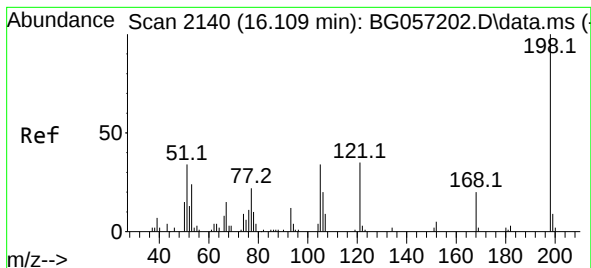
Ion Ratio Lower Upper

188 100

94 6.7 5.1 7.7

80 7.4 5.7 8.5

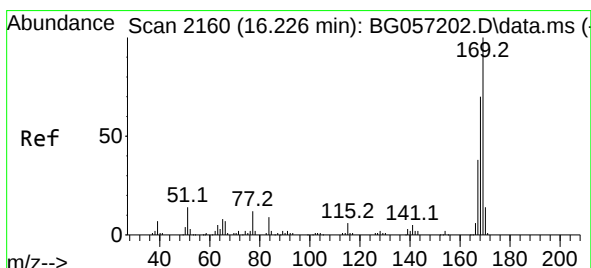
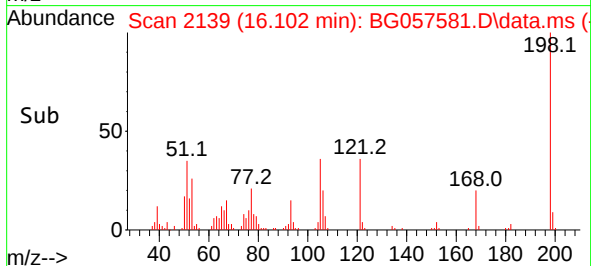
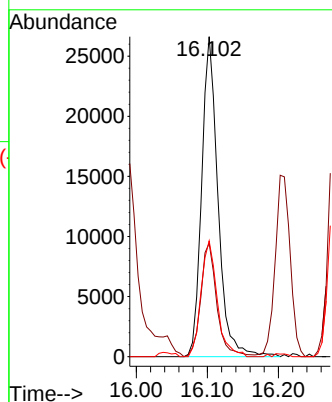
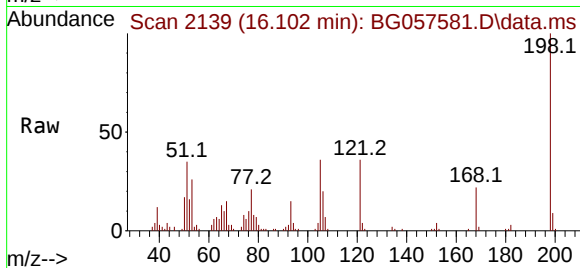




#65
4,6-Dinitro-2-methylphenol
Concen: 48.156 ng
RT: 16.102 min Scan# 2140
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

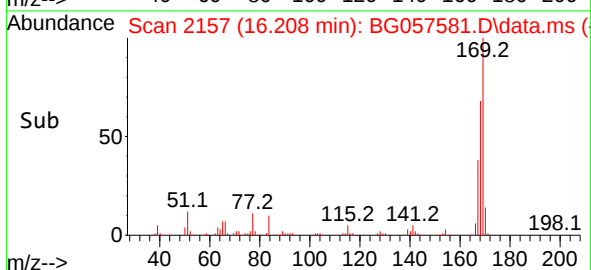
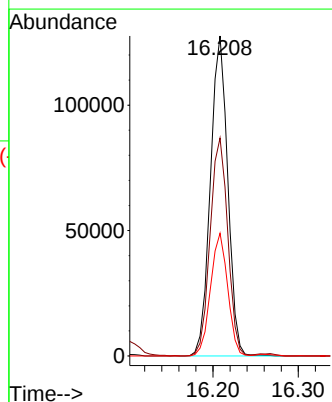
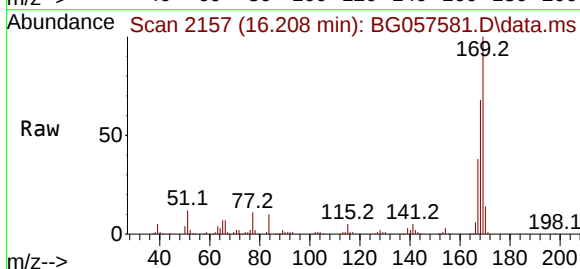
Instrument :
BNA_G
ClientSampleId :
PB152987BS

Tgt Ion:198 Resp: 42575
Ion Ratio Lower Upper
198 100
51 35.4 16.1 56.1
105 36.2 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 44.695 ng
RT: 16.208 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:169 Resp: 179760
Ion Ratio Lower Upper
169 100
168 68.1 56.2 84.4
167 38.3 30.2 45.4

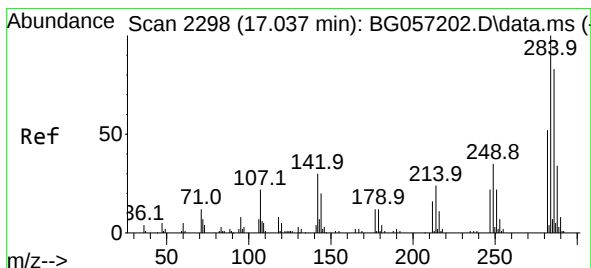
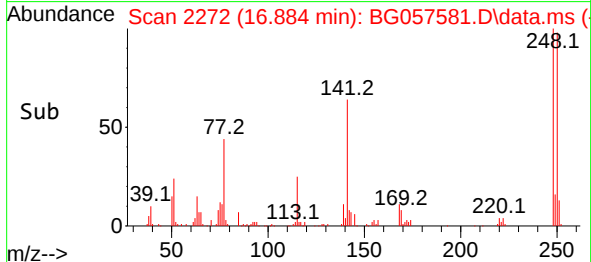
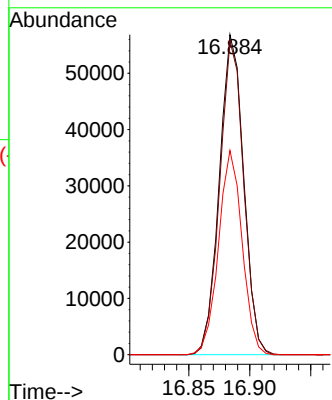
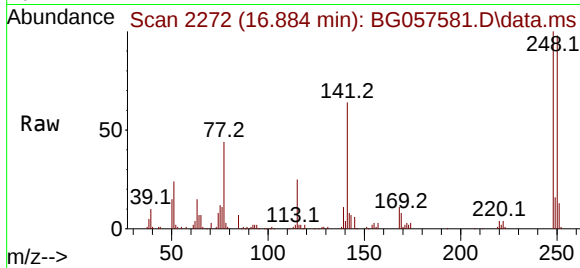




#67
4-Bromophenyl-phenylether
Concen: 43.637 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

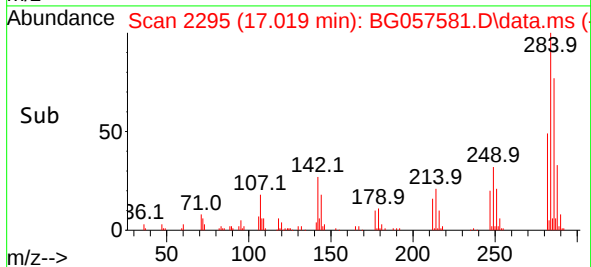
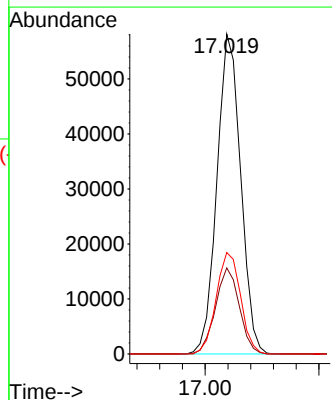
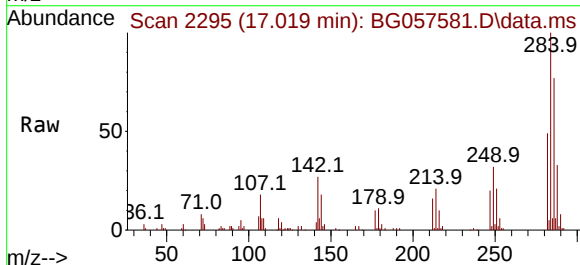
Instrument :
BNA_G
ClientSampleId :
PB152987BS

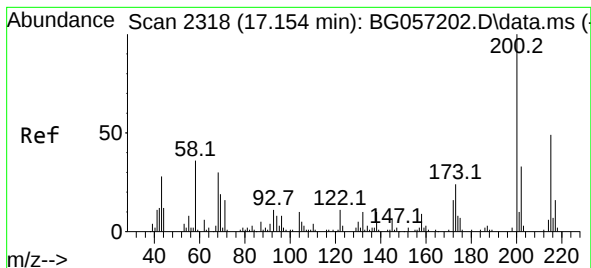
Tgt Ion:248 Resp: 78883
Ion Ratio Lower Upper
248 100
250 98.1 77.0 115.6
141 63.8 48.6 72.8



#68
Hexachlorobenzene
Concen: 47.982 ng
RT: 17.019 min Scan# 2295
Delta R.T. -0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:284 Resp: 84289
Ion Ratio Lower Upper
284 100
142 26.9 23.9 35.9
249 31.7 27.7 41.5





#69

Atrazine

Concen: 52.789 ng

RT: 17.142 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

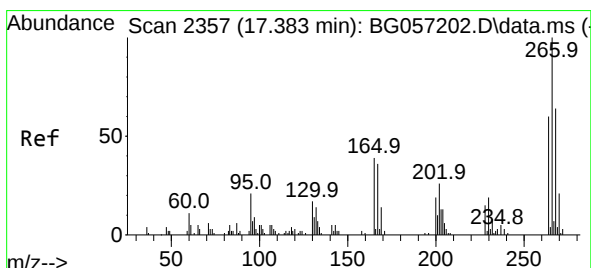
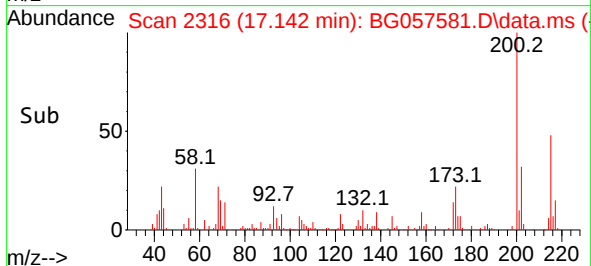
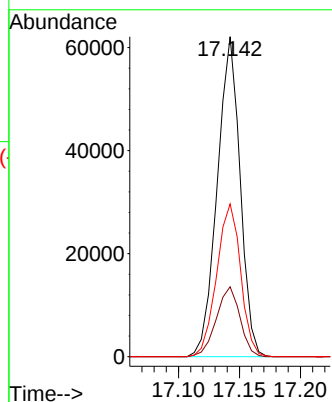
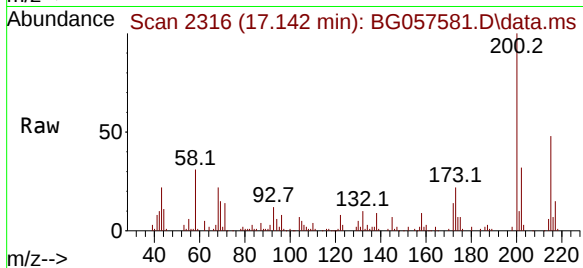
Tgt Ion:200 Resp: 80991

Ion Ratio Lower Upper

200 100

173 21.8 4.3 44.3

215 47.8 29.3 69.3



#70

Pentachlorophenol

Concen: 77.547 ng

RT: 17.371 min Scan# 2355

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

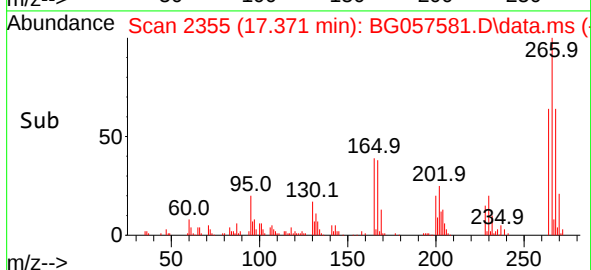
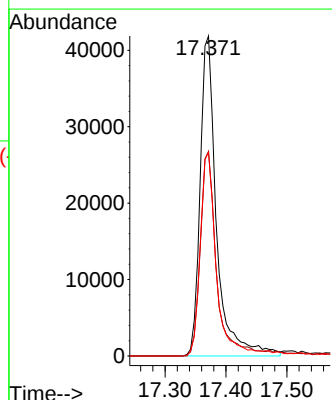
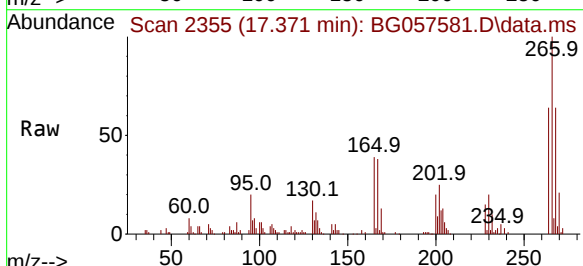
Tgt Ion:266 Resp: 78509

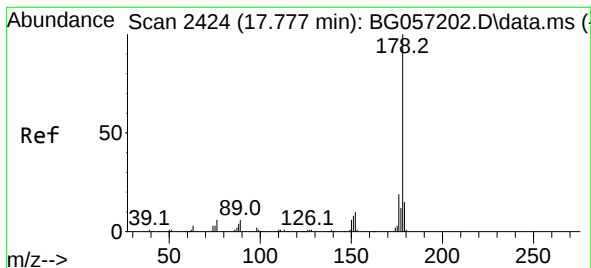
Ion Ratio Lower Upper

266 100

268 64.0 51.0 76.6

264 63.6 47.8 71.6





#71

Phenanthrene

Concen: 44.718 ng

RT: 17.759 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

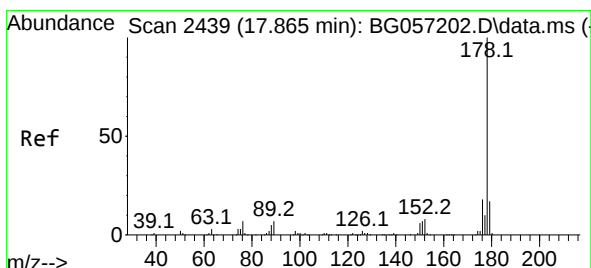
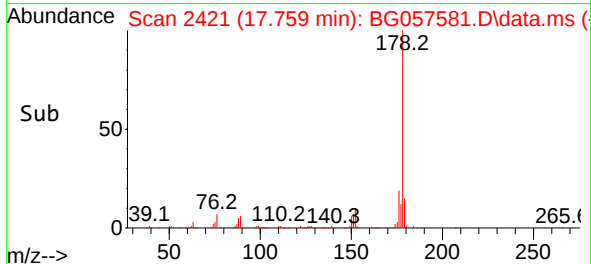
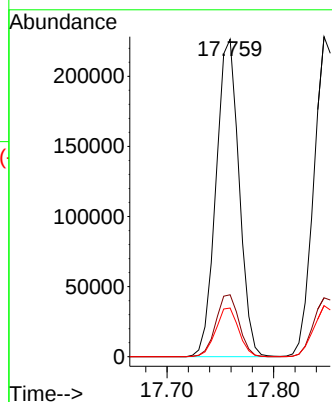
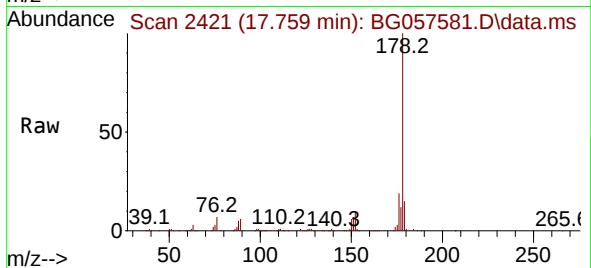
Tgt Ion:178 Resp: 339323

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.3 12.3 18.5



#72

Anthracene

Concen: 44.660 ng

RT: 17.847 min Scan# 2436

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

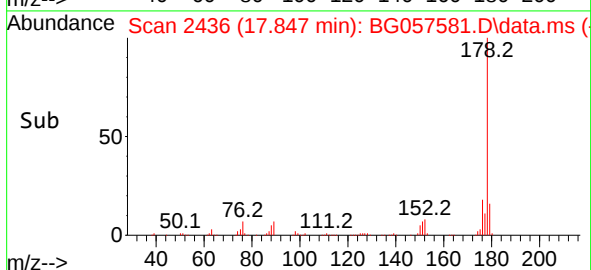
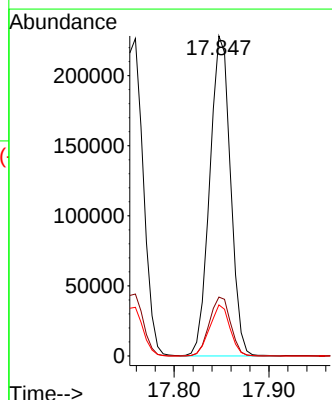
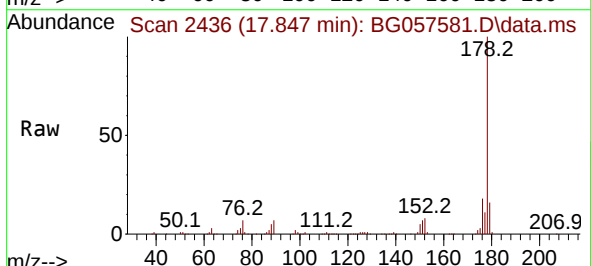
Tgt Ion:178 Resp: 347717

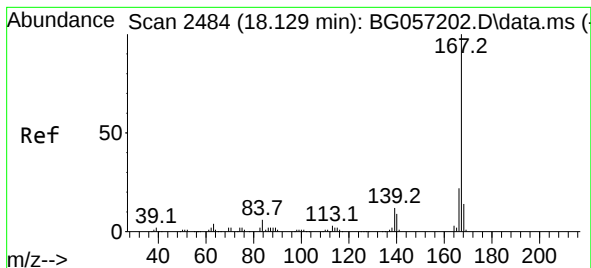
Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

179 16.0 13.2 19.8





#73

Carbazole

Concen: 46.959 ng

RT: 18.117 min Scan# 24

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

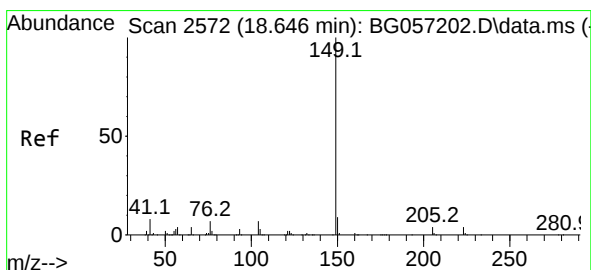
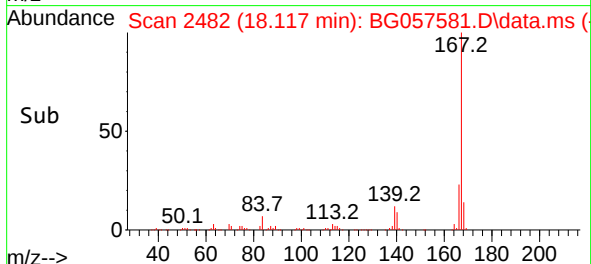
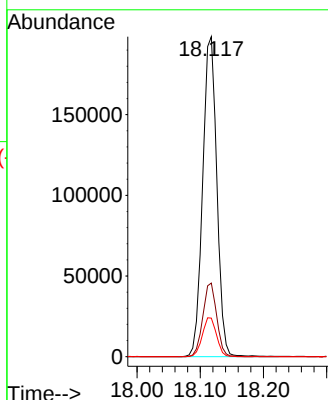
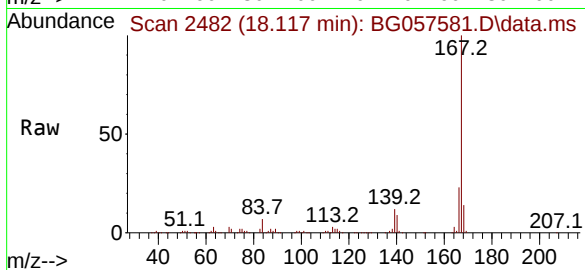
Tgt Ion:167 Resp: 307805

Ion Ratio Lower Upper

167 100

166 23.0 17.4 26.0

139 12.1 9.6 14.4



#74

Di-n-butylphthalate

Concen: 46.194 ng

RT: 18.628 min Scan# 2569

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

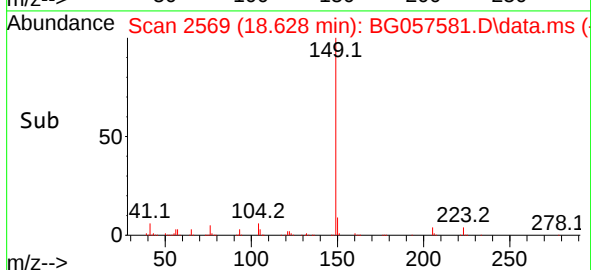
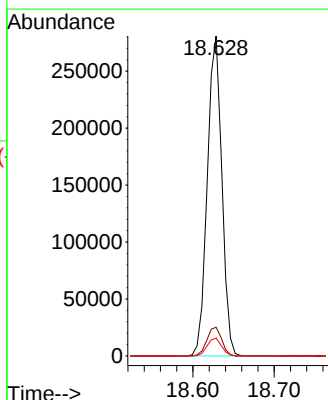
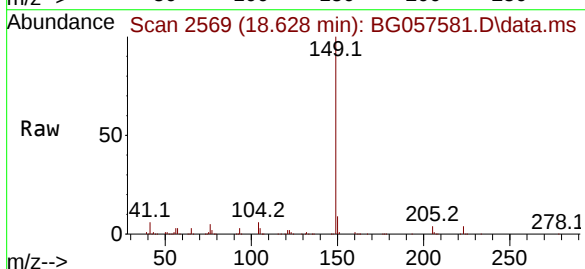
Tgt Ion:149 Resp: 348376

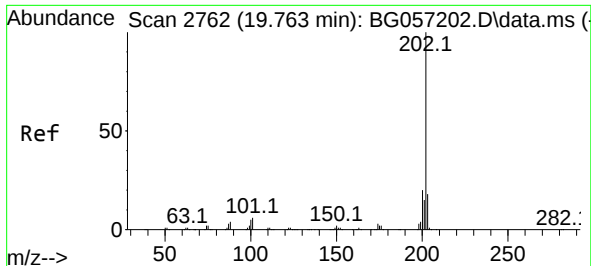
Ion Ratio Lower Upper

149 100

150 8.9 7.3 10.9

104 5.6 5.4 8.2

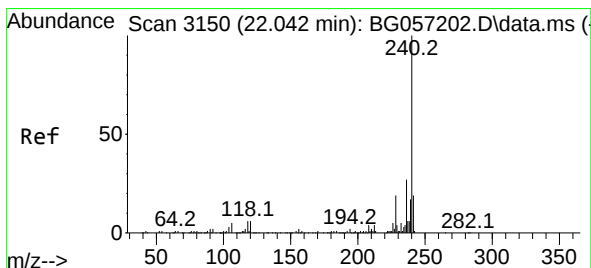
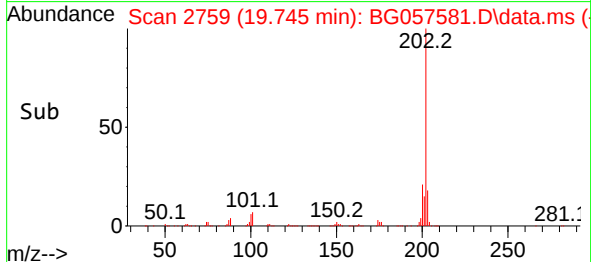
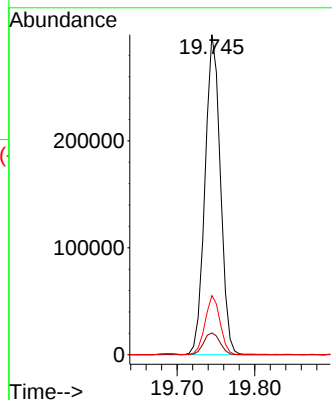
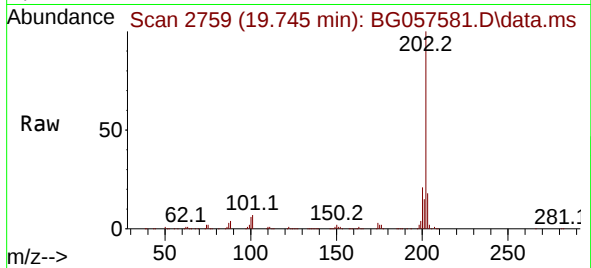




#75
Fluoranthene
Concen: 43.621 ng
RT: 19.745 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

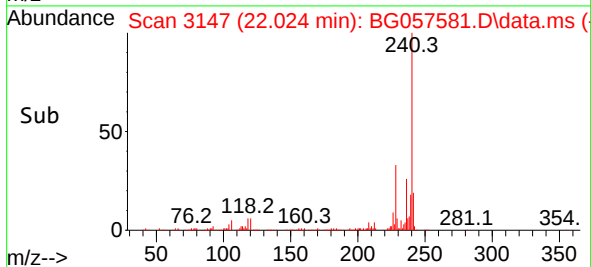
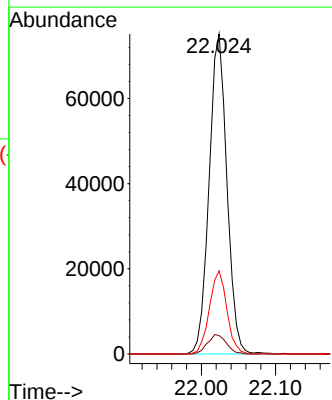
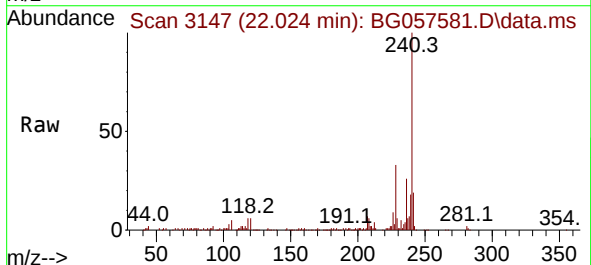
Instrument :
BNA_G
ClientSampleId :
PB152987BS

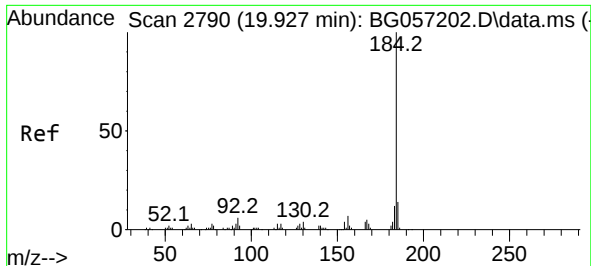
Tgt Ion:	202	Resp:	411676
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	26.2
203	18.5	0.0	37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.024 min Scan# 3147
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:	240	Resp:	125018
Ion	Ratio	Lower	Upper
240	100		
120	5.7	4.9	7.3
236	26.0	21.4	32.2

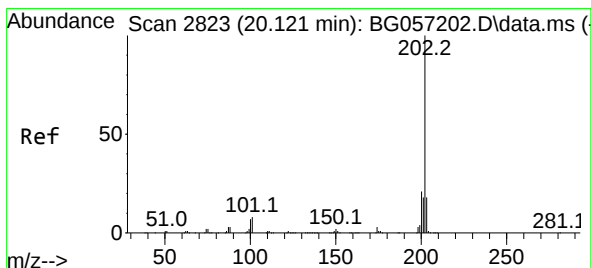
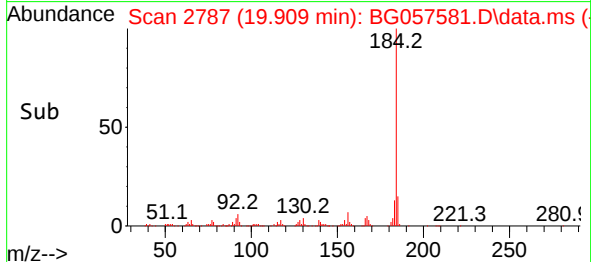
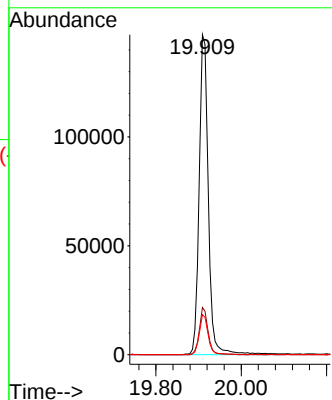
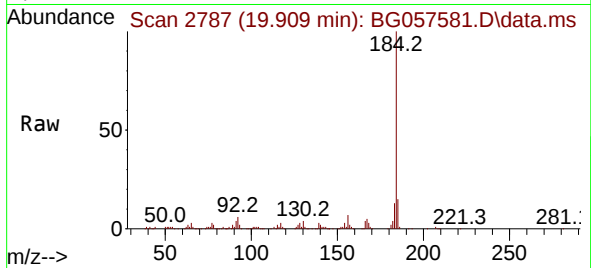




#77
Benzidine
Concen: 78.625 ng
RT: 19.909 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

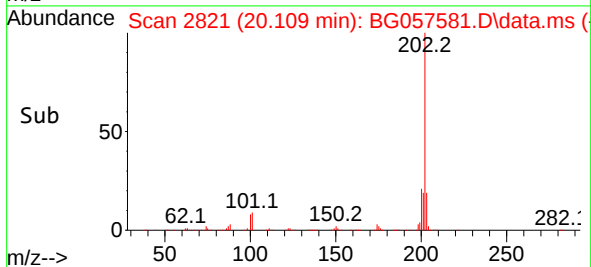
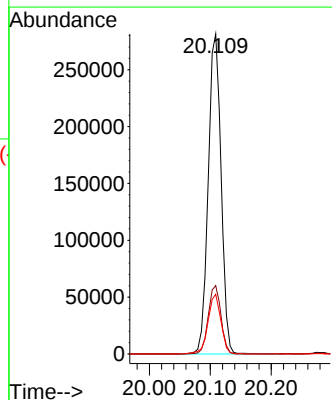
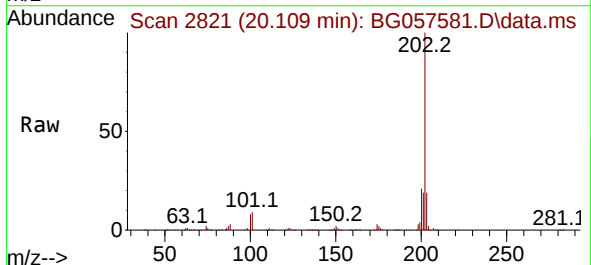
Instrument :
BNA_G
ClientSampleId :
PB152987BS

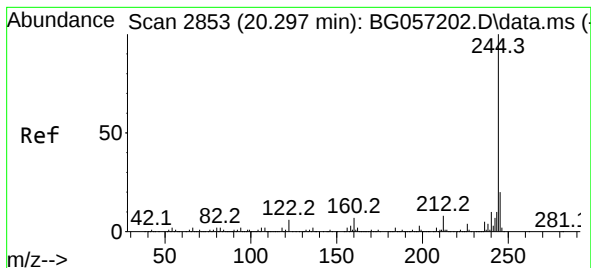
Tgt Ion:184 Resp: 219754
Ion Ratio Lower Upper
184 100
185 14.8 11.1 16.7
183 12.5 9.9 14.9



#78
Pyrene
Concen: 45.409 ng
RT: 20.109 min Scan# 2821
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:202 Resp: 412525
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 18.6 14.2 21.4





#79

Terphenyl-d14

Concen: 68.202 ng

RT: 20.279 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

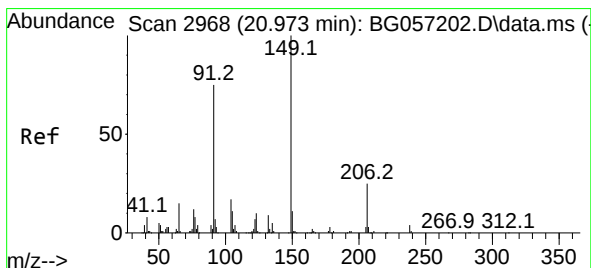
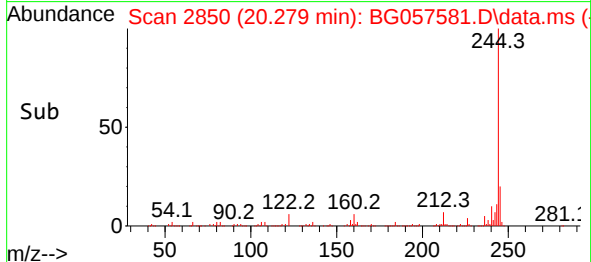
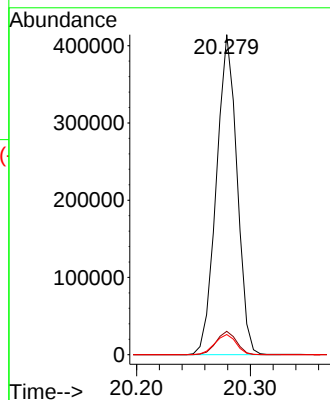
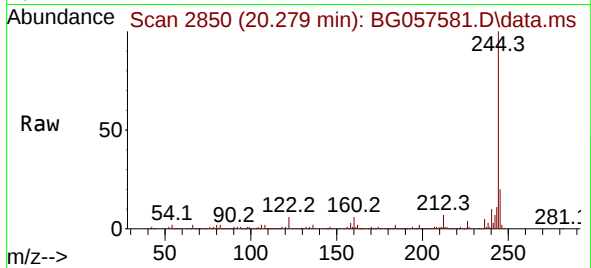
Tgt Ion:244 Resp: 522479

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 6.3 5.1 7.7



#80

Butylbenzylphthalate

Concen: 50.550 ng

RT: 20.955 min Scan# 2965

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

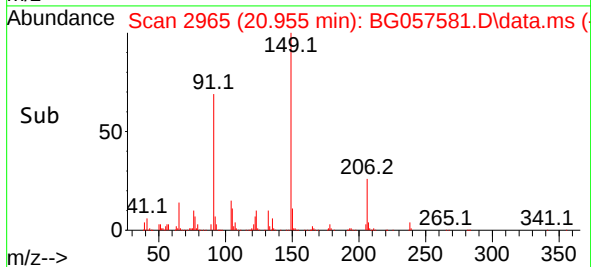
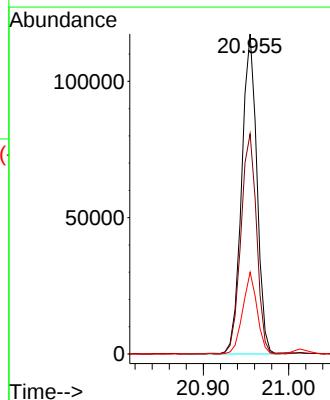
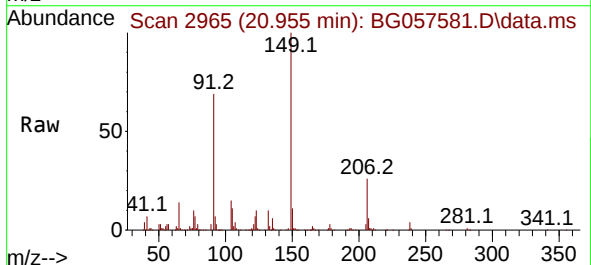
Tgt Ion:149 Resp: 145710

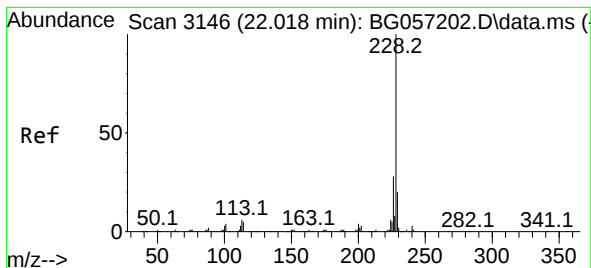
Ion Ratio Lower Upper

149 100

91 68.8 59.7 89.5

206 25.5 19.7 29.5





#81

Benzo(a)anthracene

Concen: 44.134 ng

RT: 22.000 min Scan# 3146

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

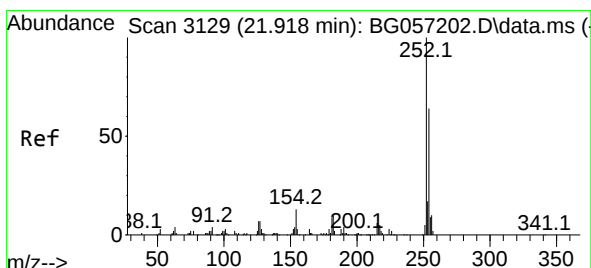
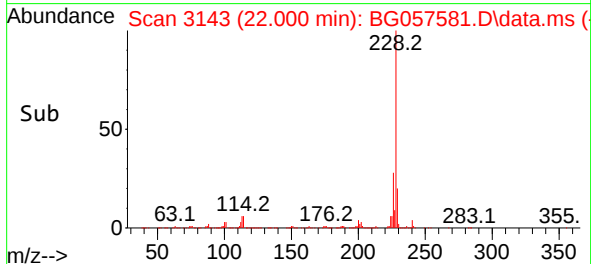
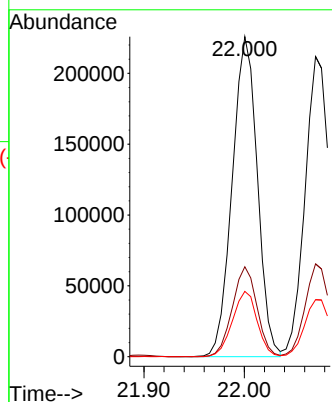
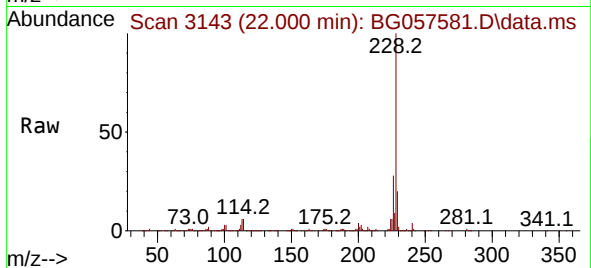
Tgt Ion:228 Resp: 393105

Ion Ratio Lower Upper

228 100

226 28.1 22.0 33.0

229 20.4 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 35.927 ng

RT: 21.895 min Scan# 3125

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

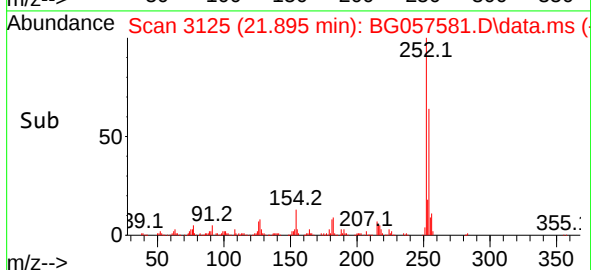
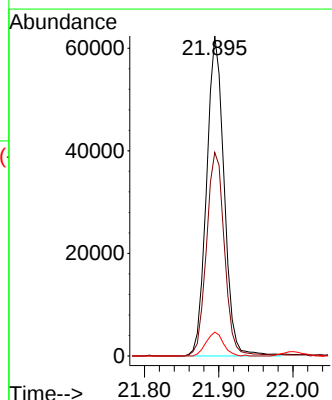
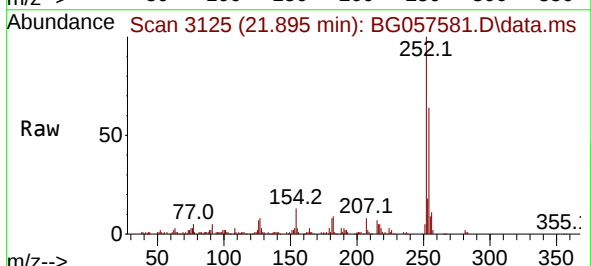
Tgt Ion:252 Resp: 102499

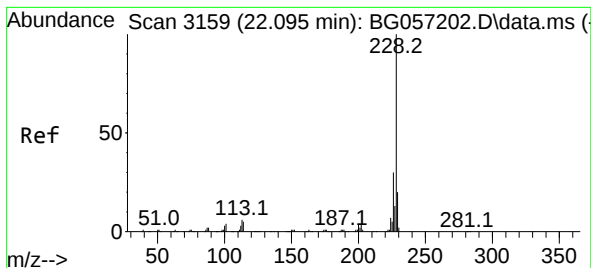
Ion Ratio Lower Upper

252 100

254 63.6 51.4 77.0

126 7.4 5.9 8.9





#83

Chrysene

Concen: 42.794 ng

RT: 22.071 min Scan# 3115

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

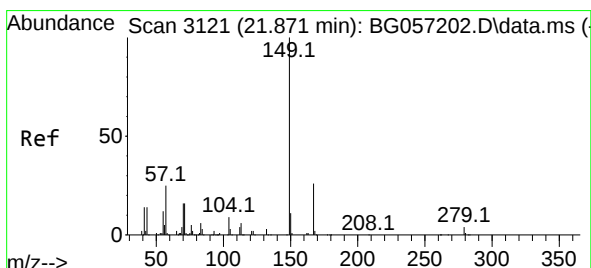
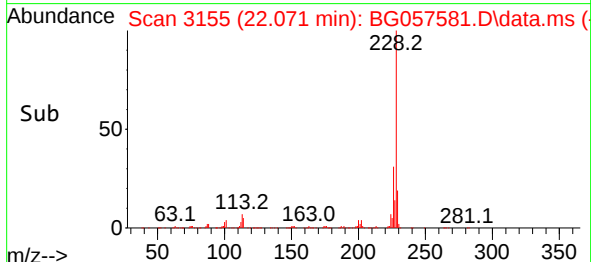
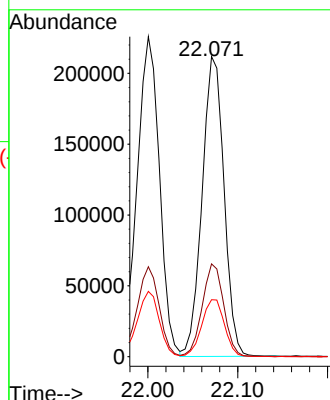
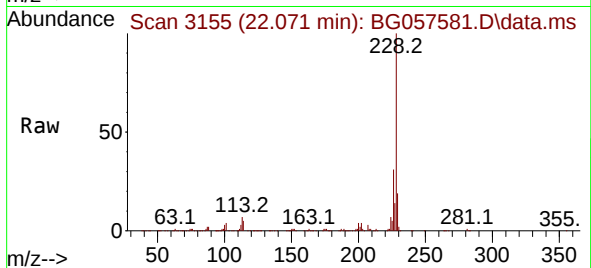
Tgt Ion:228 Resp: 358639

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.0 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.368 ng

RT: 21.836 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

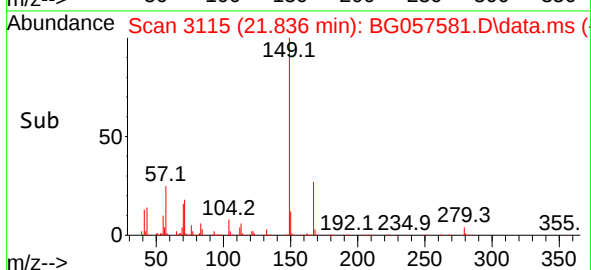
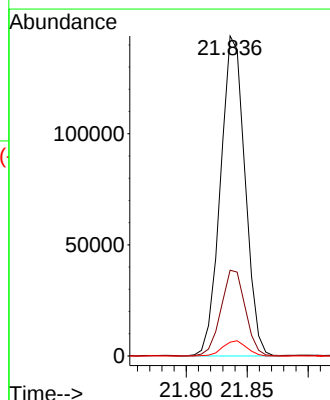
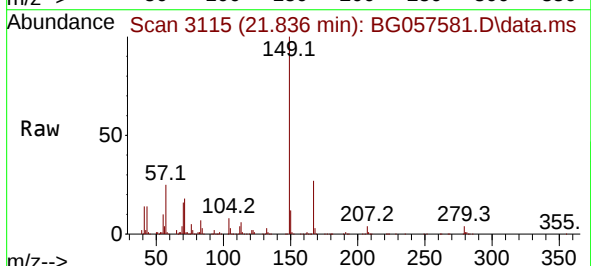
Tgt Ion:149 Resp: 202014

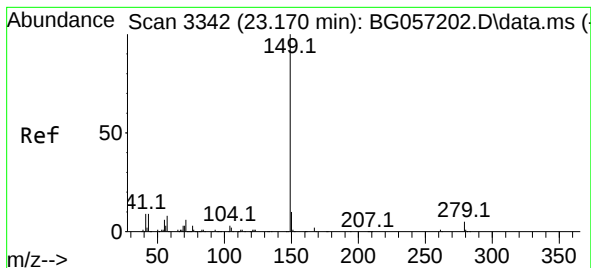
Ion Ratio Lower Upper

149 100

167 26.8 21.2 31.8

279 4.3 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 47.255 ng

RT: 23.128 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

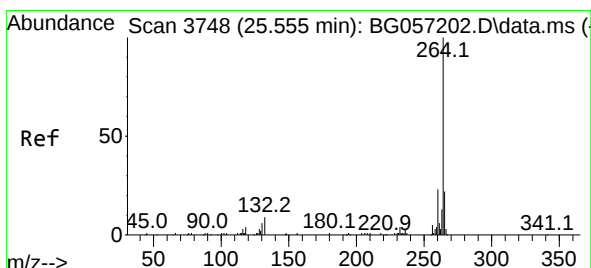
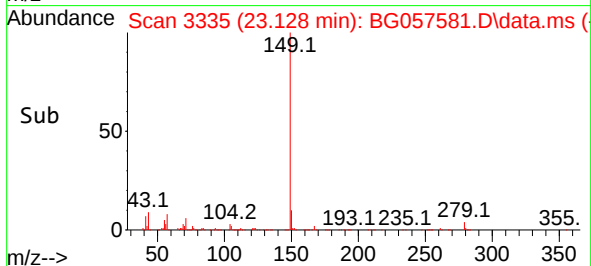
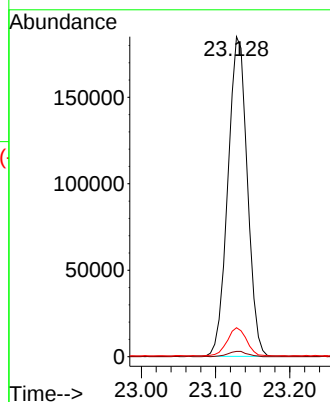
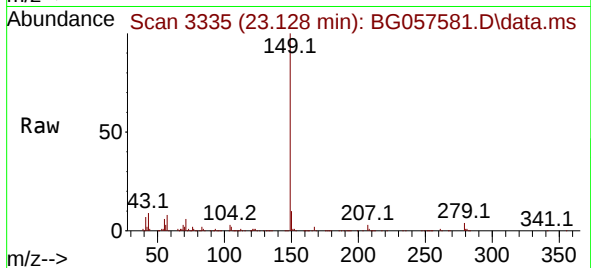
Tgt Ion:149 Resp: 335978

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 9.0 7.8 11.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.525 min Scan# 3743

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

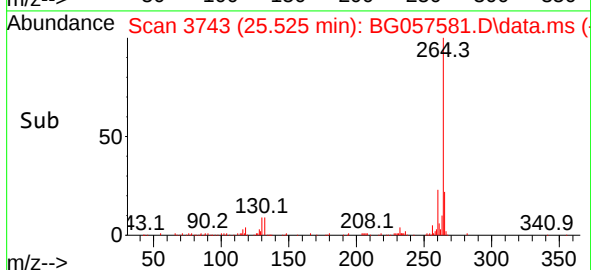
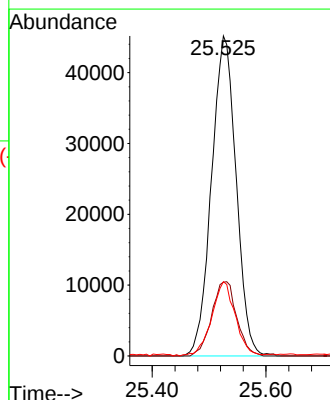
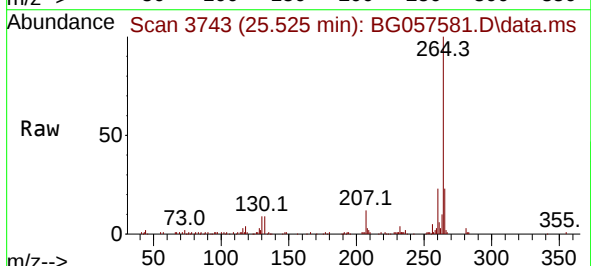
Tgt Ion:264 Resp: 135597

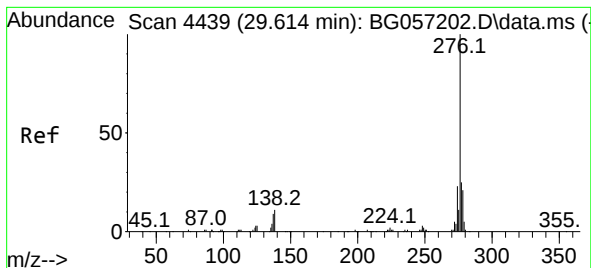
Ion Ratio Lower Upper

264 100

260 23.0 18.8 28.2

265 23.2 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.613 ng

RT: 29.596 min Scan# 4439

Delta R.T. 0.015 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

Instrument :

BNA_G

ClientSampleId :

PB152987BS

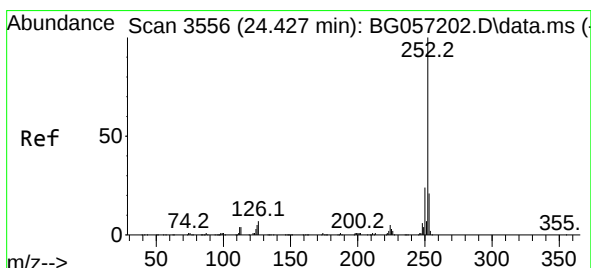
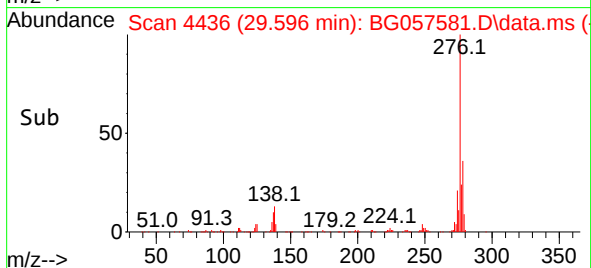
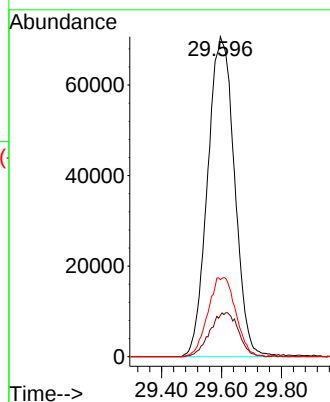
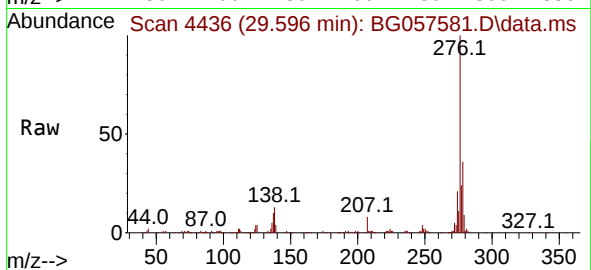
Tgt Ion:276 Resp: 440891

Ion Ratio Lower Upper

276 100

138 0.0 5.4 8.0#

277 12.2 20.6 30.8#



#88

Benzo(b)fluoranthene

Concen: 43.850 ng

RT: 24.403 min Scan# 3552

Delta R.T. 0.003 min

Lab File: BG057581.D

Acq: 26 May 2023 11:50

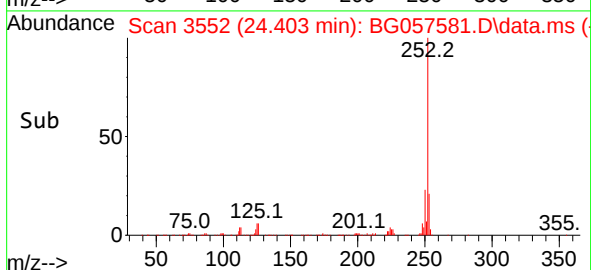
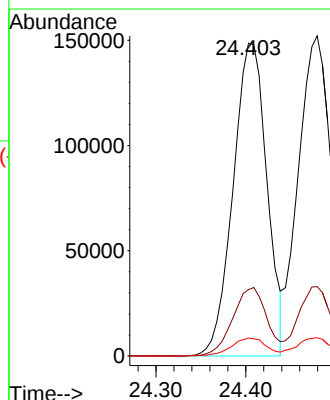
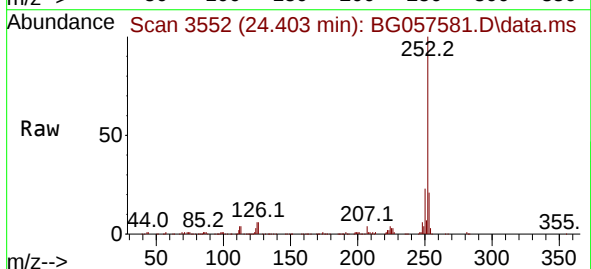
Tgt Ion:252 Resp: 388685

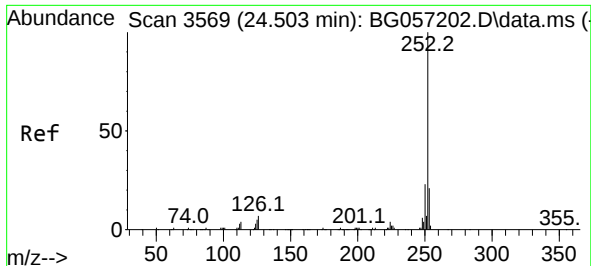
Ion Ratio Lower Upper

252 100

253 21.2 17.0 25.6

125 5.7 4.2 6.2

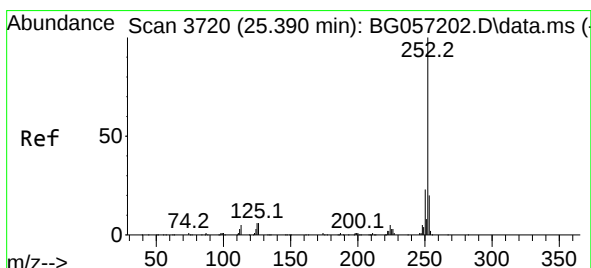
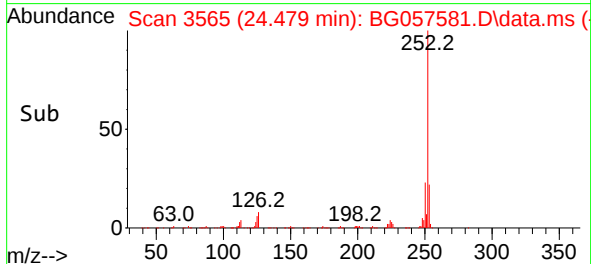
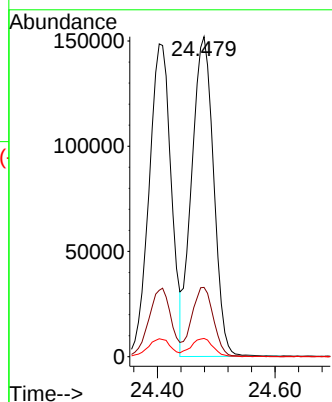
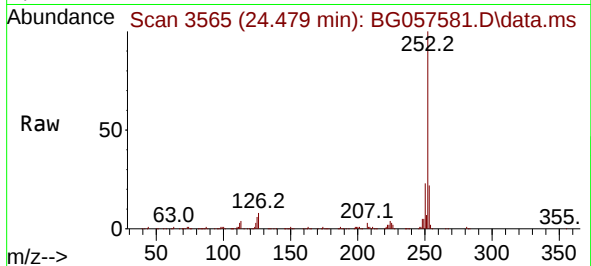




#89
Benzo(k)fluoranthene
Concen: 43.565 ng
RT: 24.479 min Scan# 31
Delta R.T. 0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

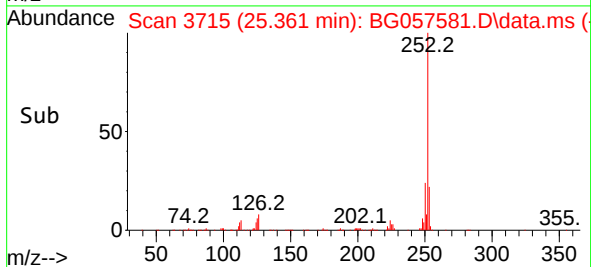
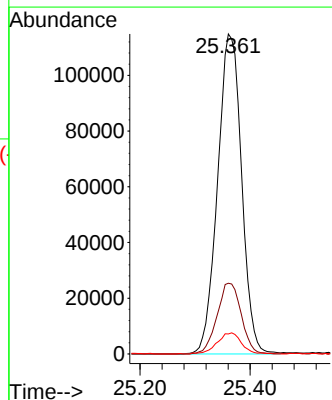
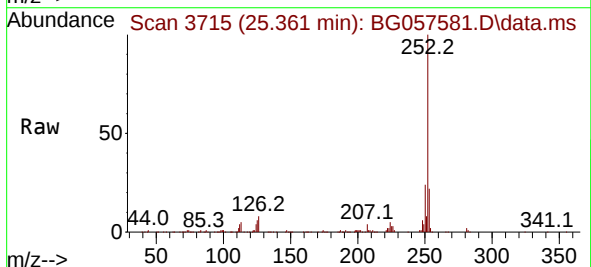
Instrument :
BNA_G
ClientSampleId :
PB152987BS

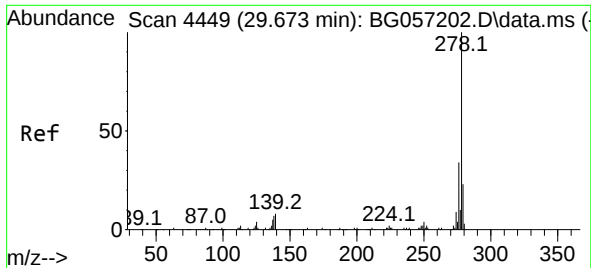
Tgt Ion:252 Resp: 392400
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 5.7 4.1 6.1



#90
Benzo(a)pyrene
Concen: 40.131 ng
RT: 25.361 min Scan# 3715
Delta R.T. 0.003 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:252 Resp: 347525
Ion Ratio Lower Upper
252 100
253 22.1 16.3 24.5
125 6.3 5.0 7.4

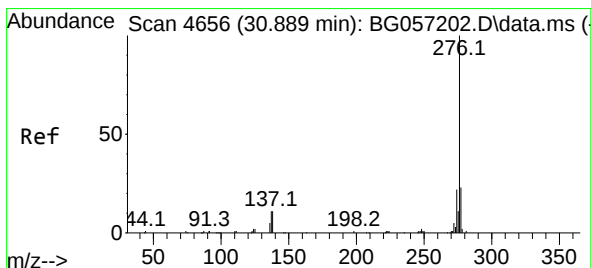
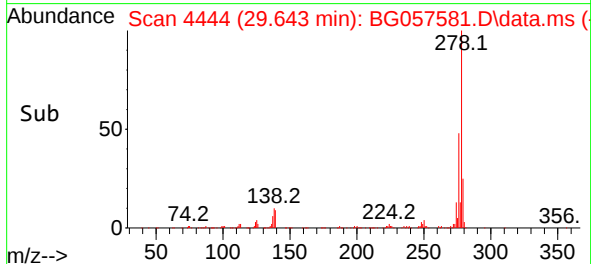
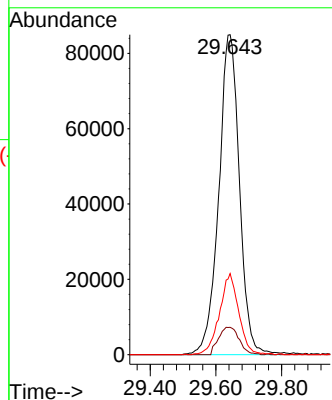
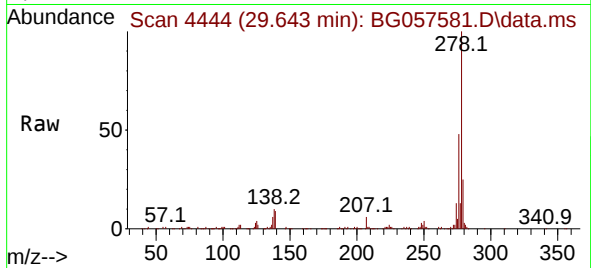




#91
Dibenzo(a,h)anthracene
Concen: 45.000 ng
RT: 29.643 min Scan# 4444
Delta R.T. 0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Instrument :
BNA_G
ClientSampleId :
PB152987BS

Tgt Ion:278 Resp: 370353
Ion Ratio Lower Upper
278 100
139 8.5 6.2 9.2
279 25.3 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 43.937 ng
RT: 30.865 min Scan# 4652
Delta R.T. 0.009 min
Lab File: BG057581.D
Acq: 26 May 2023 11:50

Tgt Ion:276 Resp: 353083
Ion Ratio Lower Upper
276 100
277 23.8 18.4 27.6
138 12.6 9.0 13.4

