

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052623\
 Data File : BG057584.D
 Acq On : 26 May 2023 13:57
 Operator : CG/JU
 Sample : 02913-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-70AMS

Quant Time: May 26 15:06:33 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	8.348	152	23300	20.000	ng	0.00
21) Naphthalene-d8	11.191	136	88642	20.000	ng	0.00
39) Acenaphthene-d10	14.969	164	64494	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	160311	20.000	ng	0.00
76) Chrysene-d12	22.018	240	142517	20.000	ng	0.00
86) Perylene-d12	25.525	264	155012	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.875	112	186020	136.570	ng	0.00
7) Phenol-d6	7.502	99	248808	120.291	ng	0.00
23) Nitrobenzene-d5	9.535	82	183270	86.776	ng	0.00
42) 2,4,6-Tribromophenol	16.455	330	141752	154.903	ng	0.00
45) 2-Fluorobiphenyl	13.594	172	423867	88.514	ng	0.00
79) Terphenyl-d14	20.279	244	773641	88.587	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	22090	39.223	ng	# 29
3) Pyridine	4.113	79	55845	30.855	ng	96
4) n-Nitrosodimethylamine	4.007	42	31925	37.535	ng	# 75
6) Aniline	7.667	93	78052	29.746	ng	98
8) 2-Chlorophenol	7.913	128	72504	50.375	ng	99
9) Benzaldehyde	7.479	77	48197	44.771	ng	99
10) Phenol	7.532	94	86394	42.848	ng	93
11) bis(2-Chloroethyl)ether	7.755	93	68203	44.858	ng	96
12) 1,3-Dichlorobenzene	8.237	146	75328	47.420	ng	96
13) 1,4-Dichlorobenzene	8.383	146	77146	48.348	ng	93
14) 1,2-Dichlorobenzene	8.712	146	74626	48.447	ng	96
15) Benzyl Alcohol	8.595	79	79095	45.902	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.865	45	84969	44.339	ng	96
17) 2-Methylphenol	8.795	107	63499	43.688	ng	98
18) Hexachloroethane	9.447	117	27551	47.846	ng	96
19) n-Nitroso-di-n-propyla...	9.159	70	63939	40.540	ng	98
20) 3+4-Methylphenols	9.129	107	88852	44.645	ng	95
22) Acetophenone	9.182	105	118085	46.544	ng	94
24) Nitrobenzene	9.576	77	92540	43.412	ng	92
25) Isophorone	10.099	82	171561	41.892	ng	99
26) 2-Nitrophenol	10.293	139	42601	52.210	ng	95
27) 2,4-Dimethylphenol	10.340	122	74383	52.061	ng	99
28) bis(2-Chloroethoxy)met...	10.569	93	94191	45.909	ng	99
29) 2,4-Dichlorophenol	10.839	162	78773	51.982	ng	94
30) 1,2,4-Trichlorobenzene	11.050	180	82347	47.114	ng	98
31) Naphthalene	11.238	128	222465	46.944	ng	98
32) Benzoic acid	10.504	122	29888	37.429	ng	96
33) 4-Chloroaniline	11.350	127	43192	20.295	ng	98
34) Hexachlorobutadiene	11.509	225	57054	43.992	ng	98
35) Caprolactam	12.125	113	12565	24.274	ng	96
36) 4-Chloro-3-methylphenol	12.448	107	86311	50.120	ng	98
37) 2-Methylnaphthalene	12.819	142	165657	44.461	ng	94
38) 1-Methylnaphthalene	13.036	142	154777	44.072	ng	99
40) 1,2,4,5-Tetrachloroben...	13.183	216	111988	48.912	ng	98
41) Hexachlorocyclopentadiene	13.153	237	81391	74.431	ng	99
43) 2,4,6-Trichlorophenol	13.418	196	74059	53.093	ng	96

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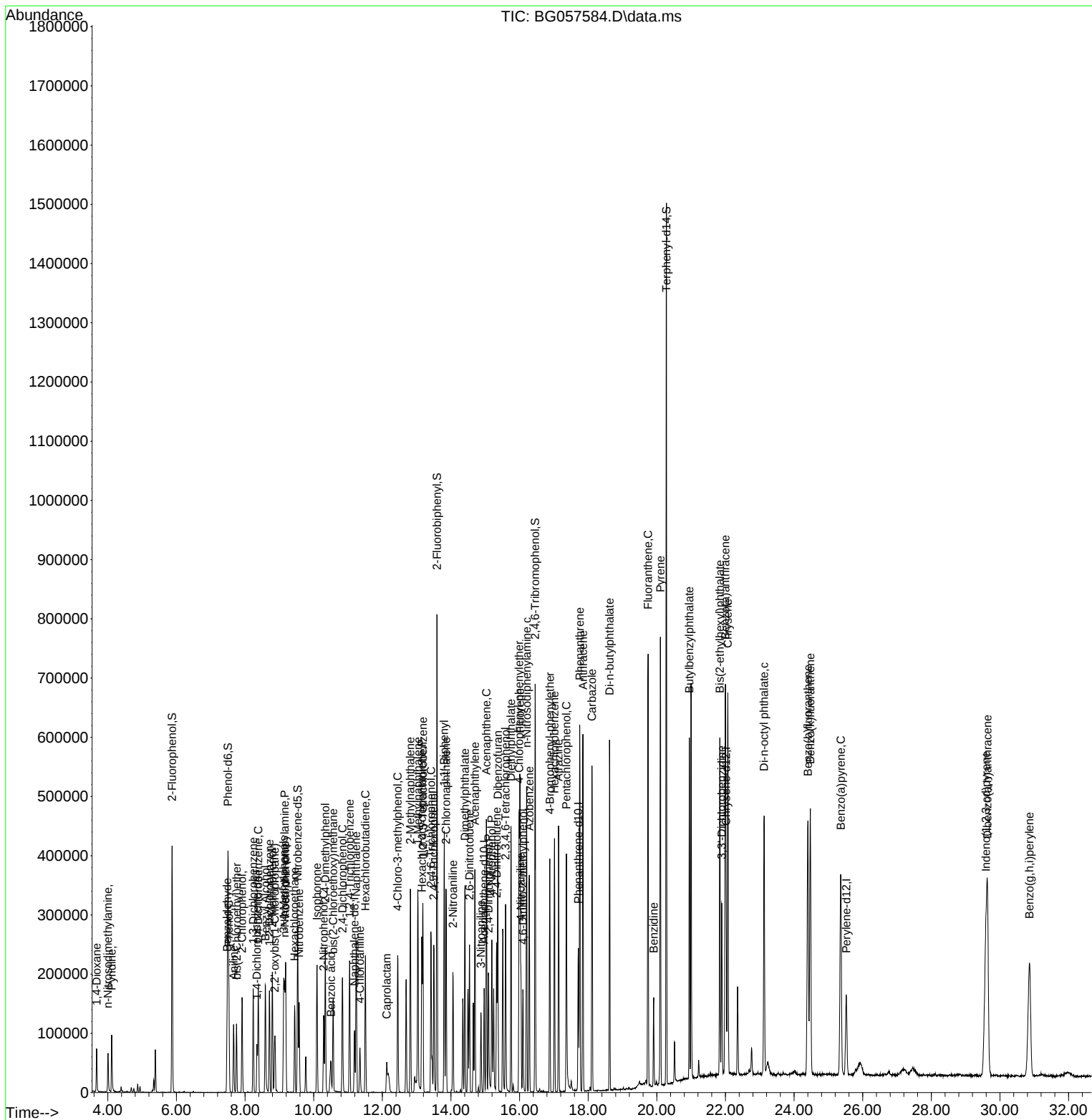
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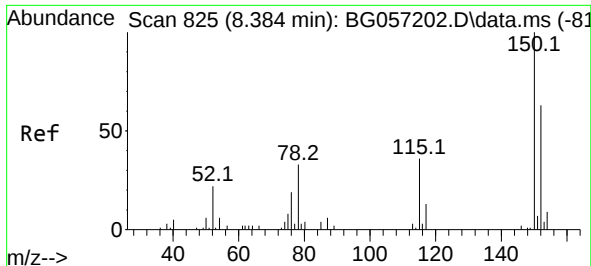
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 02:58:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.500	196	78599	47.903	ng	98
46) 1,1'-Biphenyl	13.805	154	234751	49.053	ng	98
47) 2-Chloronaphthalene	13.858	162	177856	49.977	ng	99
48) 2-Nitroaniline	14.058	65	60122	49.686	ng	92
49) Acenaphthylene	14.698	152	284232	49.161	ng	98
50) Dimethylphthalate	14.411	163	249543	47.085	ng	98
51) 2,6-Dinitrotoluene	14.540	165	56031	51.780	ng	88
52) Acenaphthene	15.033	154	174529	48.308	ng	100
53) 3-Nitroaniline	14.875	138	33697	31.084	ng	95
54) 2,4-Dinitrophenol	15.098	184	58525	86.884	ng	95
55) Dibenzofuran	15.368	168	288856	47.586	ng	98
56) 4-Nitrophenol	15.192	139	71332	98.935	ng	86
57) 2,4-Dinitrotoluene	15.333	165	80269	51.904	ng	92
58) Fluorene	16.014	166	241897	48.379	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.591	232	77551	52.132	ng	99
60) Diethylphthalate	15.750	149	251424	46.714	ng	98
61) 4-Chlorophenyl-phenyle...	15.985	204	138115	45.853	ng	95
62) 4-Nitroaniline	16.038	138	55790	51.014	ng	86
63) Azobenzene	16.284	77	228763	44.052	ng	95
65) 4,6-Dinitro-2-methylph...	16.096	198	49471	51.688	ng	98
66) n-Nitrosodiphenylamine	16.208	169	214672	49.304	ng	99
67) 4-Bromophenyl-phenylether	16.884	248	92186	47.106	ng	99
68) Hexachlorobenzene	17.019	284	100806	53.007	ng	95
69) Atrazine	17.136	200	97801	58.883	ng	98
70) Pentachlorophenol	17.365	266	93473	85.285	ng	97
71) Phenanthrene	17.753	178	405370	49.347	ng	99
72) Anthracene	17.847	178	408648	48.482	ng	98
73) Carbazole	18.111	167	371372	52.335	ng	99
74) Di-n-butylphthalate	18.622	149	422198	51.712	ng	# 98
75) Fluoranthene	19.744	202	479452	46.928	ng	98
77) Benzidine	19.909	184	95858	30.086	ng	99
78) Pyrene	20.103	202	492560	47.562	ng	99
80) Butylbenzylphthalate	20.949	149	180513	54.935	ng	99
81) Benzo(a)anthracene	22.000	228	487405	48.002	ng	99
82) 3,3'-Dichlorobenzidine	21.895	252	122130	37.552	ng	97
83) Chrysene	22.071	228	445416	46.623	ng	99
84) Bis(2-ethylhexyl)phtha...	21.836	149	255316	52.515	ng	100
85) Di-n-octyl phthalate	23.128	149	427477	52.741	ng	98
87) Indeno(1,2,3-cd)pyrene	29.590	276	548052	48.511	ng	# 99
88) Benzo(b)fluoranthene	24.403	252	495832	48.932	ng	99
89) Benzo(k)fluoranthene	24.473	252	472957	45.932	ng	99
90) Benzo(a)pyrene	25.360	252	431335	43.571	ng	96
91) Dibenzo(a,h)anthracene	29.637	278	457209	48.595	ng	97
92) Benzo(g,h,i)perylene	30.859	276	446262	48.577	ng	98

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

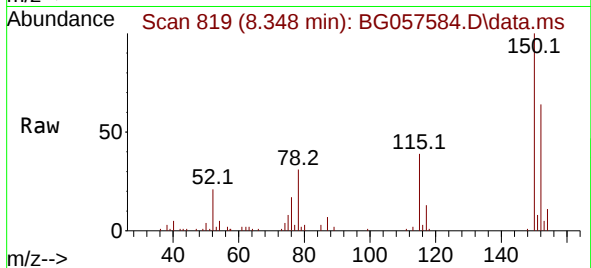
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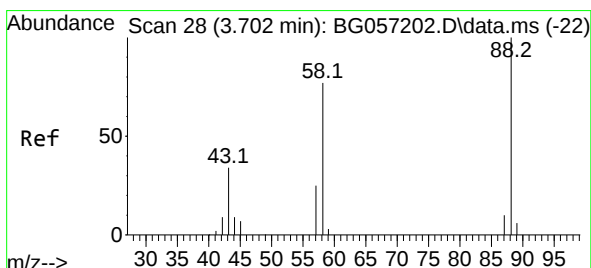
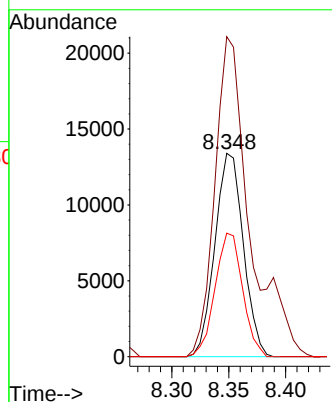
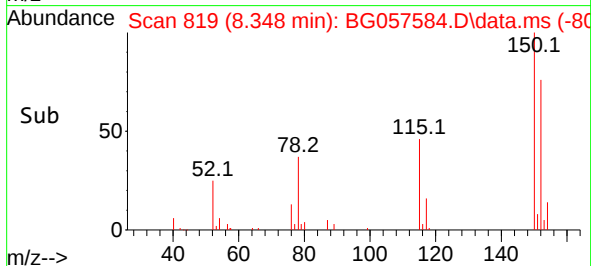


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.348 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

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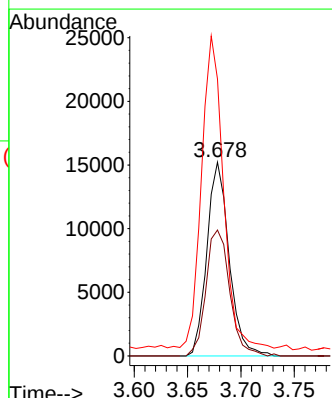
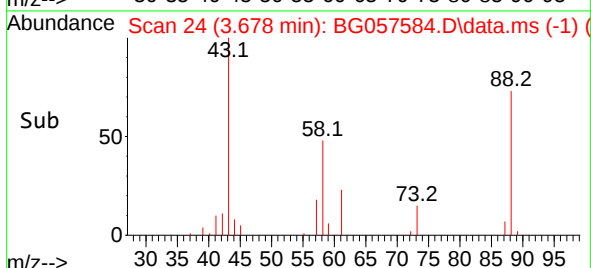
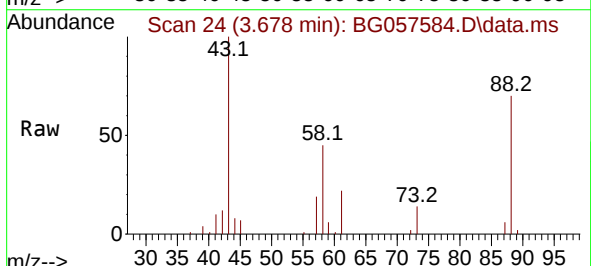


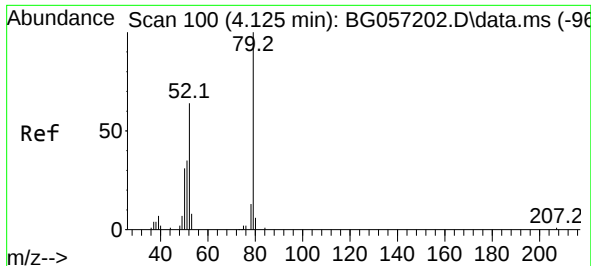
Tgt Ion:152 Resp: 23300
Ion Ratio Lower Upper
152 100
150 157.4 126.2 189.4
115 60.8 45.0 67.4



#2
1,4-Dioxane
Concen: 39.223 ng
RT: 3.678 min Scan# 24
Delta R.T. 0.009 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 88 Resp: 22090
Ion Ratio Lower Upper
88 100
58 69.4 57.1 85.7
43 157.3 24.4 36.6#

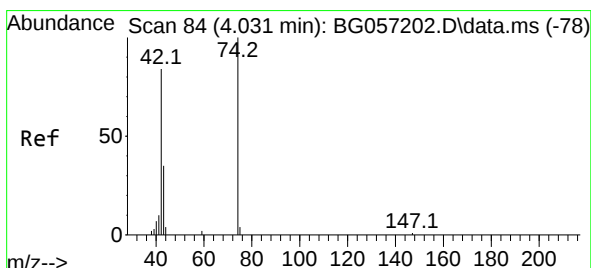
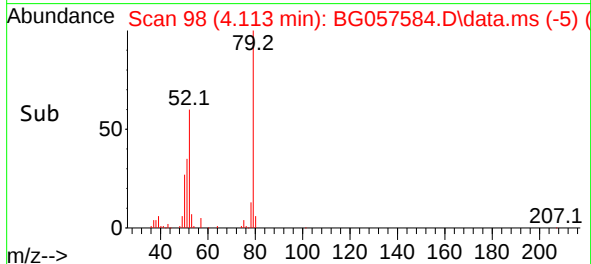
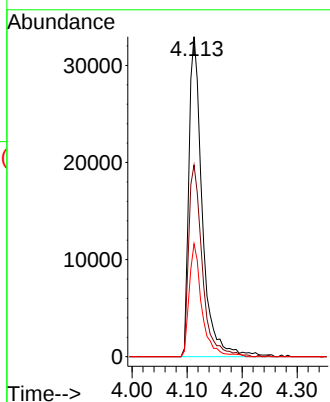
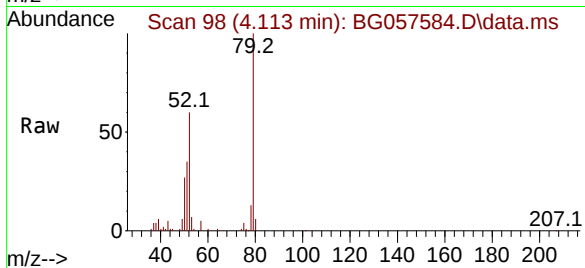




#3
Pyridine
Concen: 30.855 ng
RT: 4.113 min Scan# 91
Delta R.T. 0.014 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

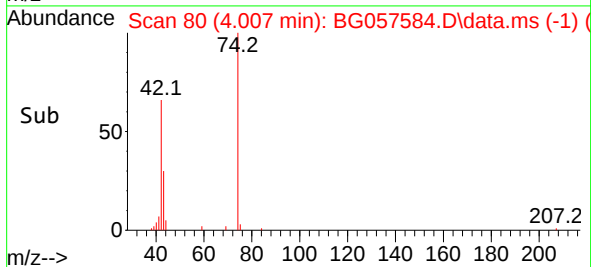
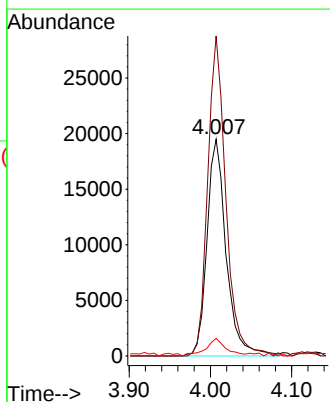
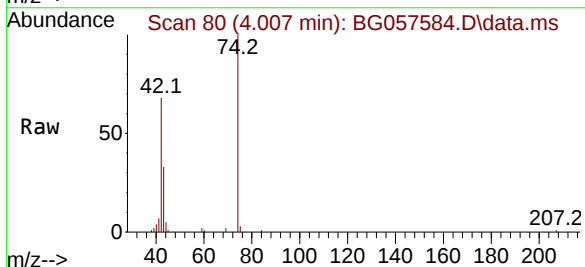
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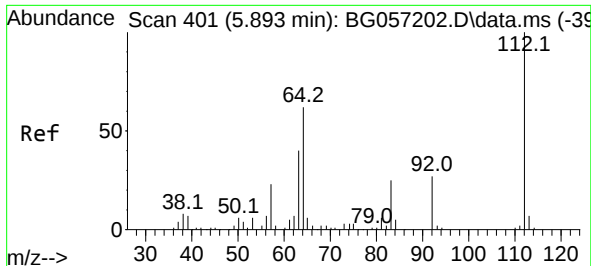
Tgt Ion: 79 Resp: 55845
Ion Ratio Lower Upper
79 100
52 59.9 51.4 77.0
51 35.3 28.0 42.0



#4
n-Nitrosodimethylamine
Concen: 37.535 ng
RT: 4.007 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 42 Resp: 31925
Ion Ratio Lower Upper
42 100
74 147.7 95.1 142.7#
44 8.1 5.8 8.8

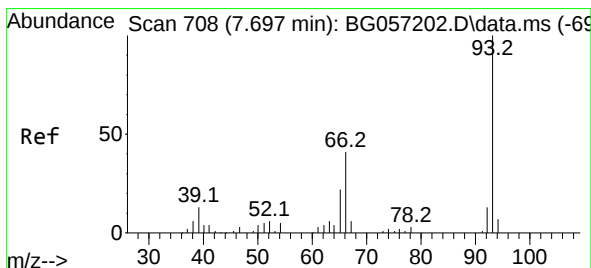
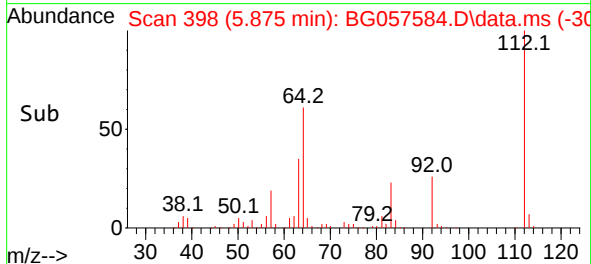
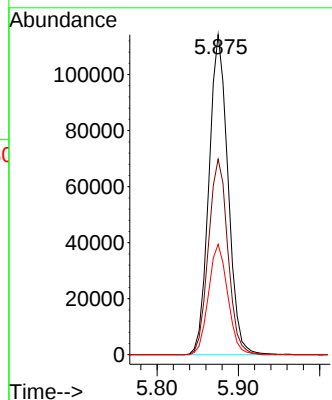
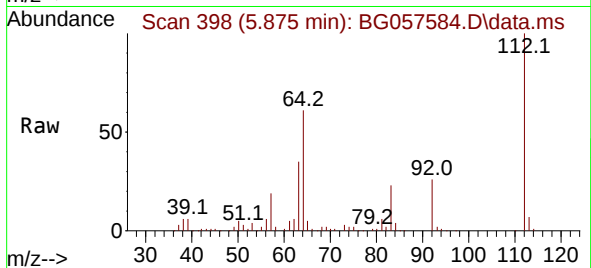




#5
2-Fluorophenol
Concen: 136.570 ng
RT: 5.875 min Scan# 398
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

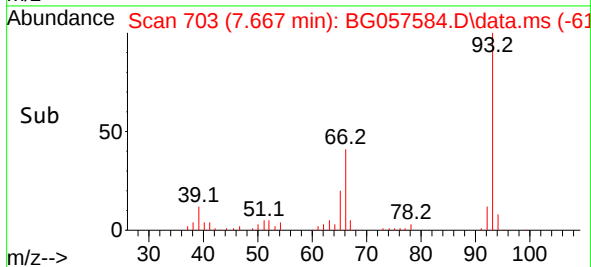
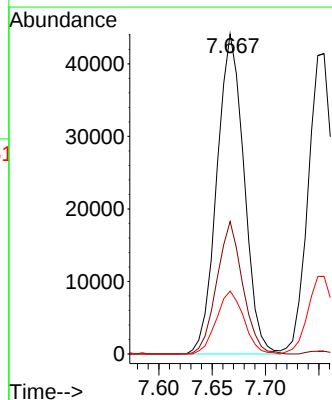
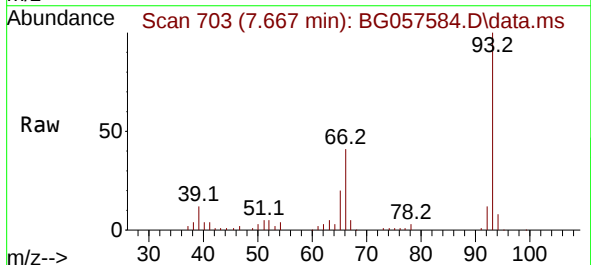
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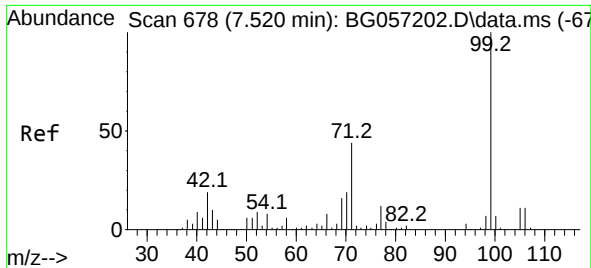
Tgt Ion:112 Resp: 186020
Ion Ratio Lower Upper
112 100
64 61.1 49.4 74.2
63 34.5 31.6 47.4



#6
Aniline
Concen: 29.746 ng
RT: 7.667 min Scan# 703
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 93 Resp: 78052
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 19.7 18.0 27.0

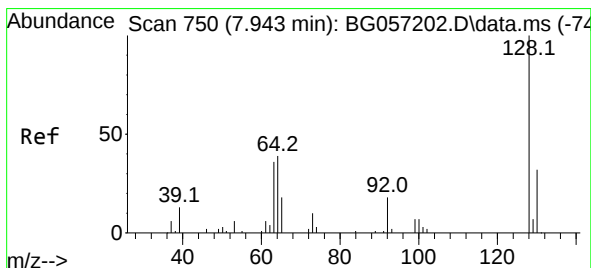
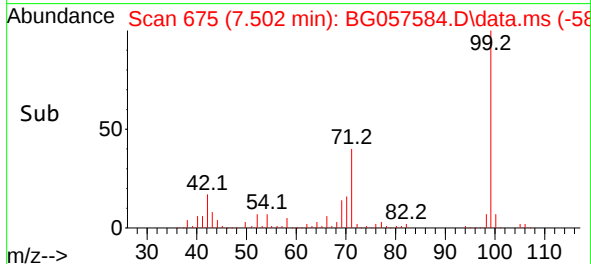
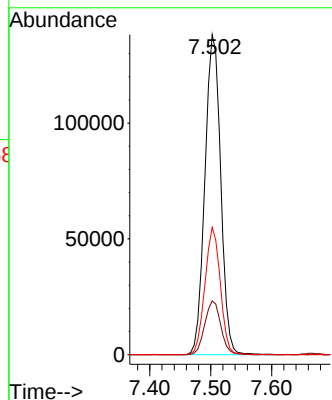
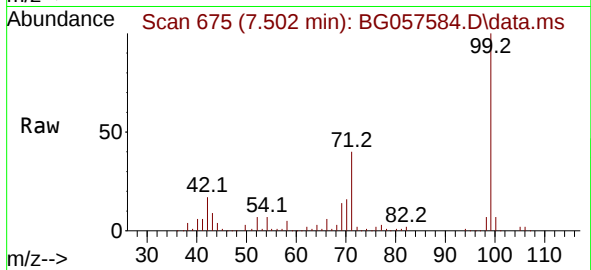




#7
Phenol-d6
Concen: 120.291 ng
RT: 7.502 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

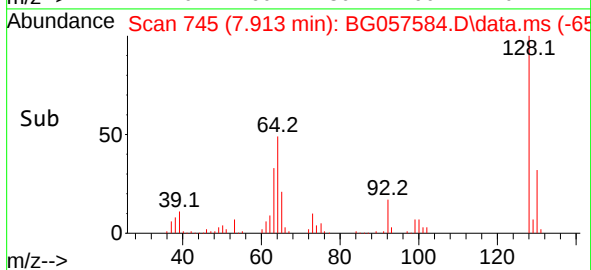
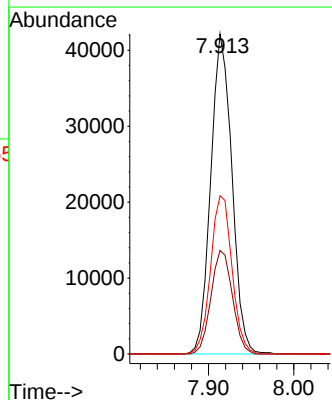
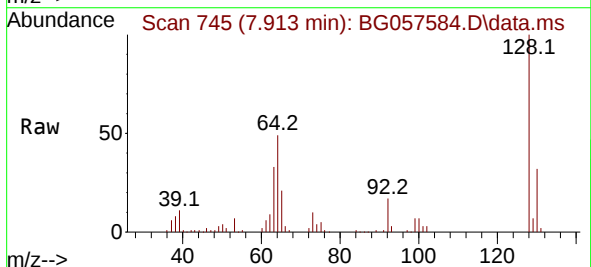
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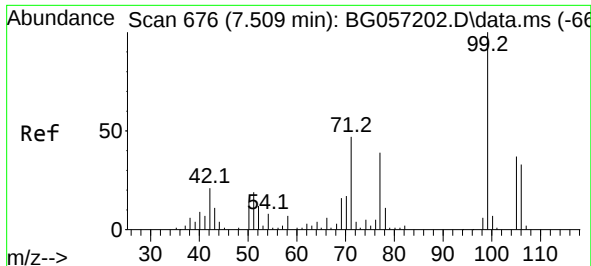
Tgt Ion: 99 Resp: 248808
Ion Ratio Lower Upper
99 100
42 16.8 15.1 22.7
71 39.8 35.2 52.8



#8
2-Chlorophenol
Concen: 50.375 ng
RT: 7.913 min Scan# 745
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 128 Resp: 72504
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 49.4 28.4 68.4

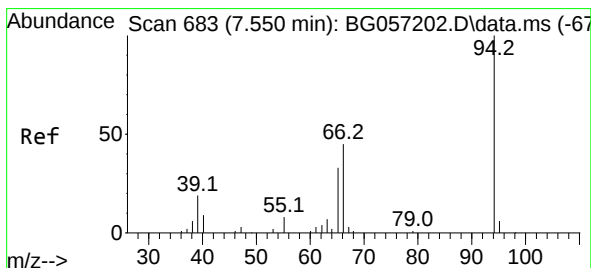
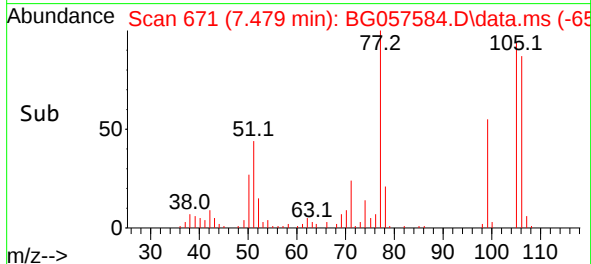
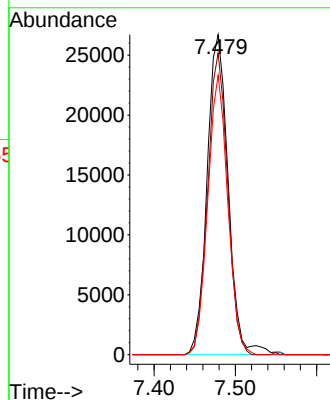
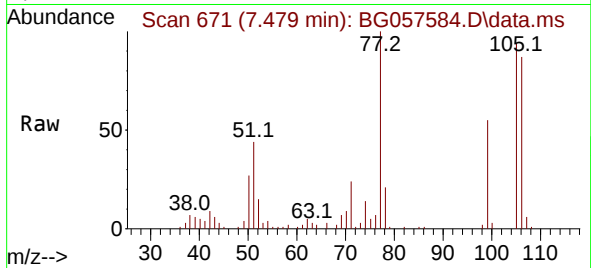




#9
Benzaldehyde
Concen: 44.771 ng
RT: 7.479 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

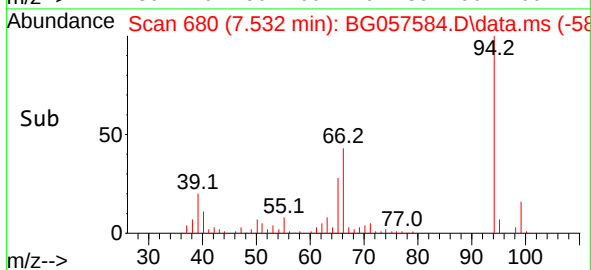
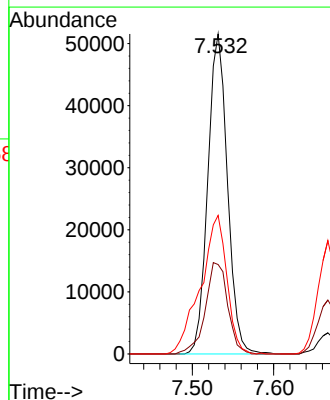
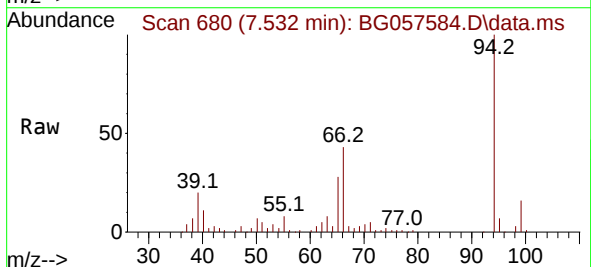
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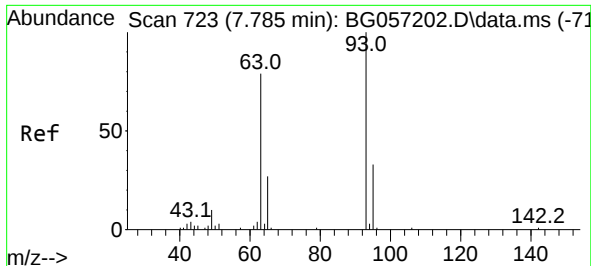
Tgt Ion: 77 Resp: 48197
Ion Ratio Lower Upper
77 100
105 94.3 74.6 114.6
106 87.4 66.3 106.3



#10
Phenol
Concen: 42.848 ng
RT: 7.532 min Scan# 680
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 94 Resp: 86394
Ion Ratio Lower Upper
94 100
65 28.0 13.5 53.5
66 43.3 26.7 66.7

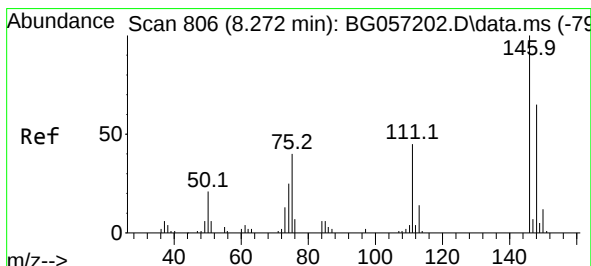
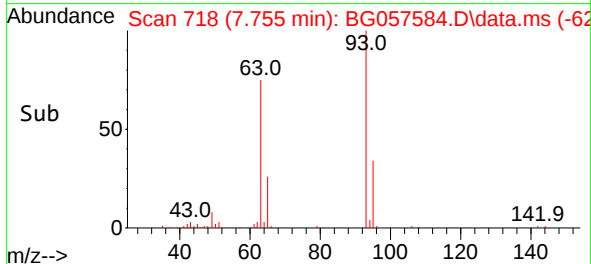
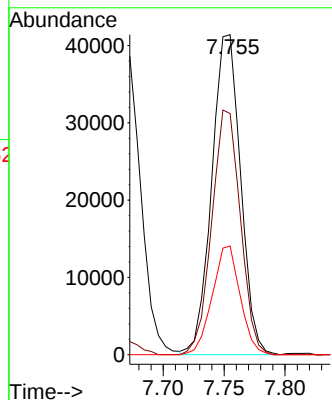
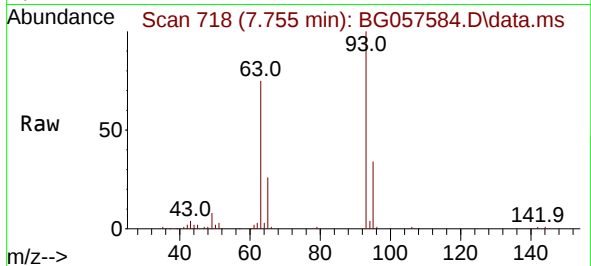




#11
bis(2-Chloroethyl)ether
Concen: 44.858 ng
RT: 7.755 min Scan# 718
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

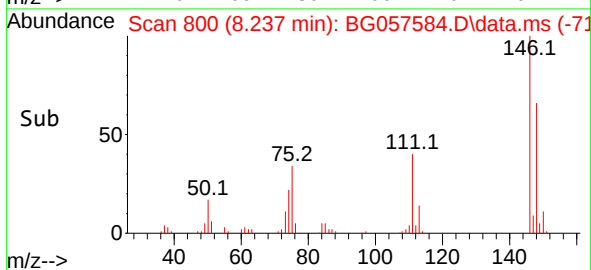
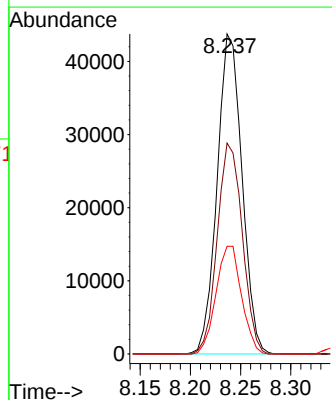
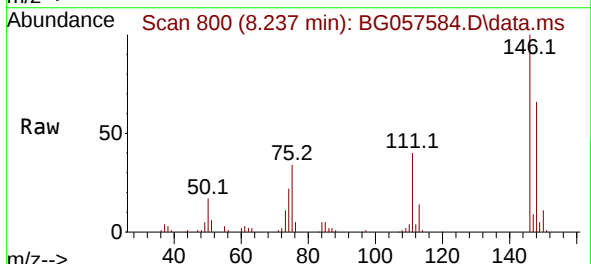
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

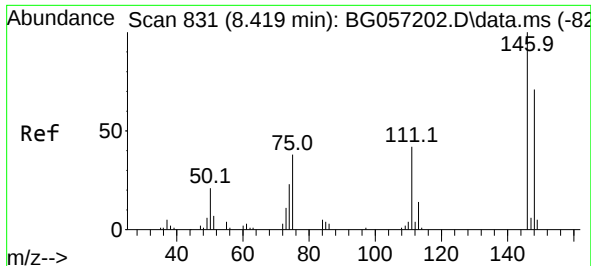
Tgt Ion: 93 Resp: 68203
Ion Ratio Lower Upper
93 100
63 75.4 58.6 98.6
95 34.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.420 ng
RT: 8.237 min Scan# 800
Delta R.T. -0.009 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 146 Resp: 75328
Ion Ratio Lower Upper
146 100
148 65.9 52.2 78.2
75 33.6 31.7 47.5





#13

1,4-Dichlorobenzene

Concen: 48.348 ng

RT: 8.383 min Scan# 81

Delta R.T. -0.009 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

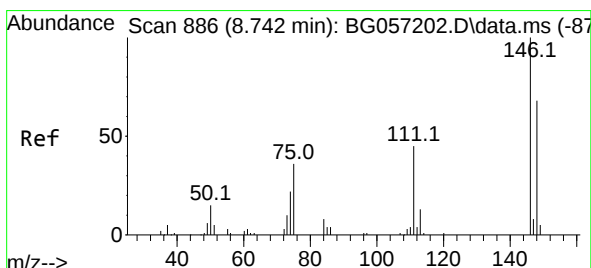
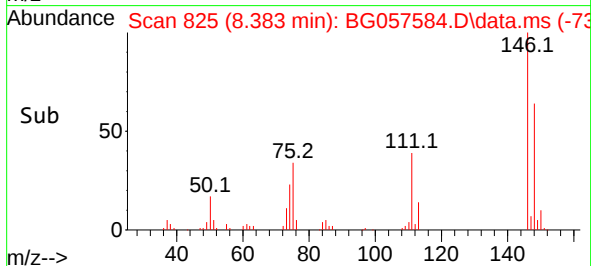
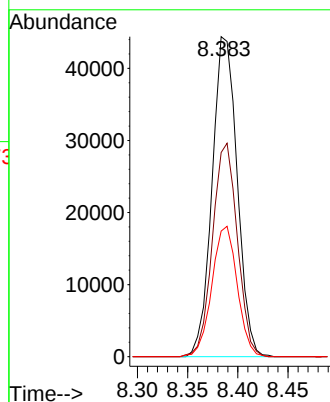
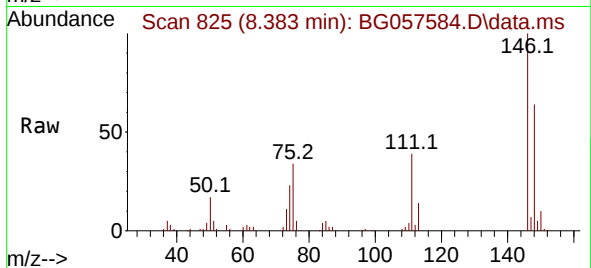
Tgt Ion:146 Resp: 77146

Ion Ratio Lower Upper

146 100

148 63.8 56.4 84.6

111 39.2 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.447 ng

RT: 8.712 min Scan# 881

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

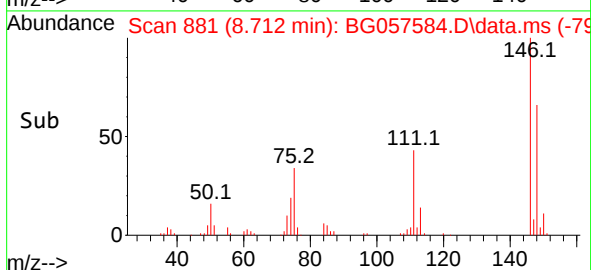
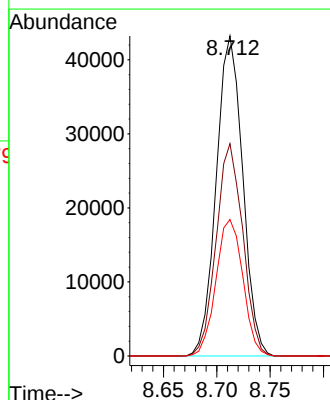
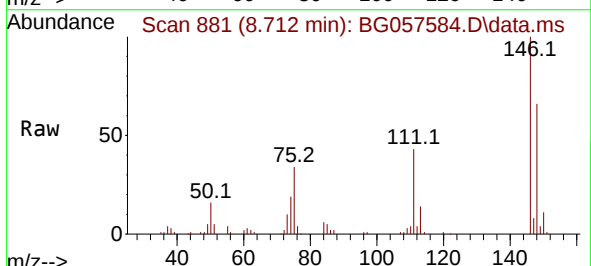
Tgt Ion:146 Resp: 74626

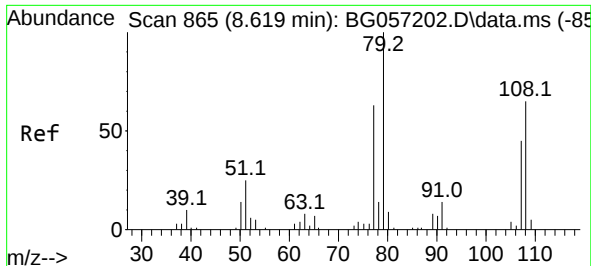
Ion Ratio Lower Upper

146 100

148 66.4 54.6 82.0

111 42.6 37.2 55.8

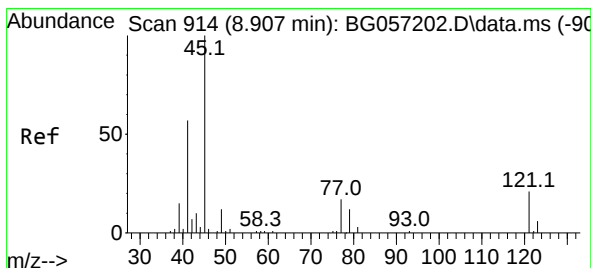
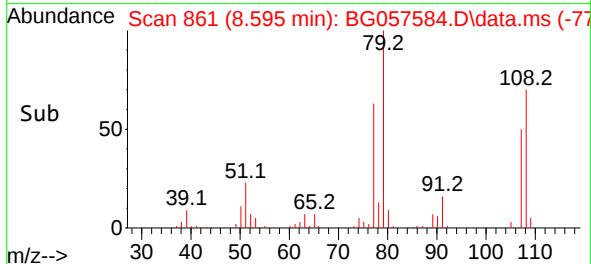
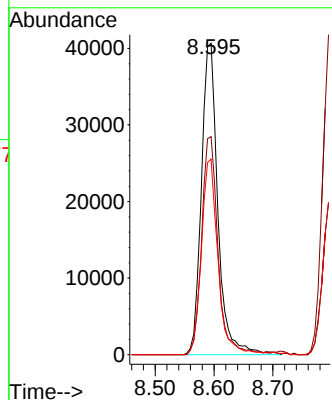
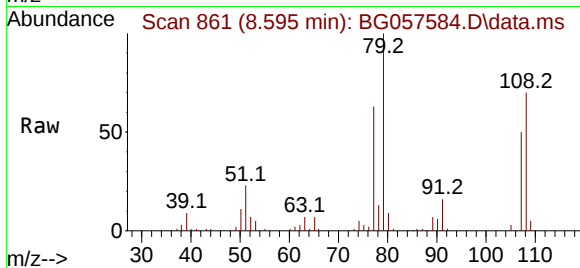




#15
Benzyl Alcohol
Concen: 45.902 ng
RT: 8.595 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

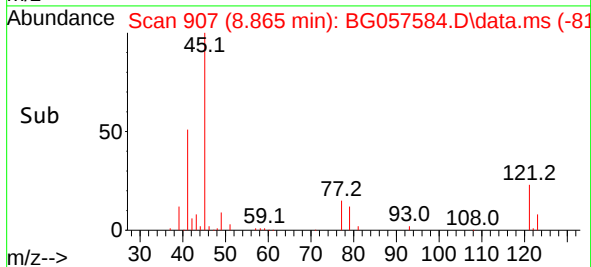
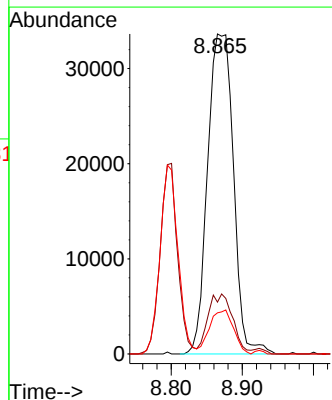
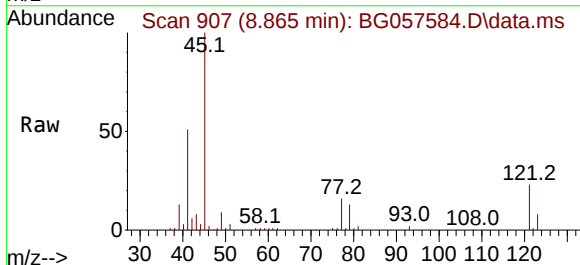
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

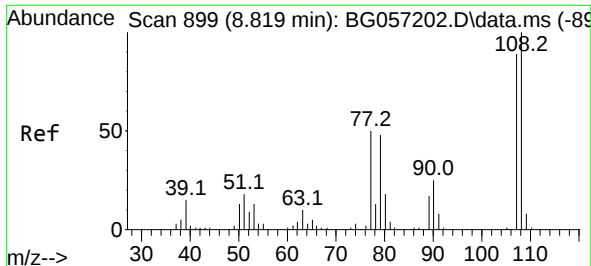
Tgt Ion: 79 Resp: 79095
Ion Ratio Lower Upper
79 100
108 70.0 52.2 78.2
77 62.8 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.339 ng
RT: 8.865 min Scan# 907
Delta R.T. -0.009 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 45 Resp: 84969
Ion Ratio Lower Upper
45 100
77 16.2 0.0 38.5
79 12.9 0.0 33.8

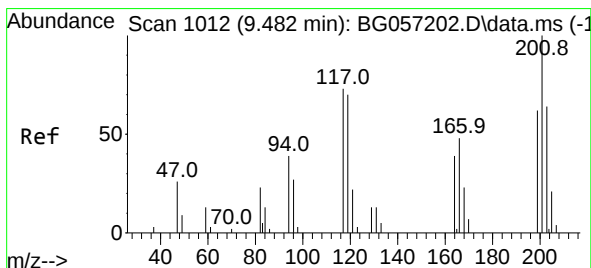
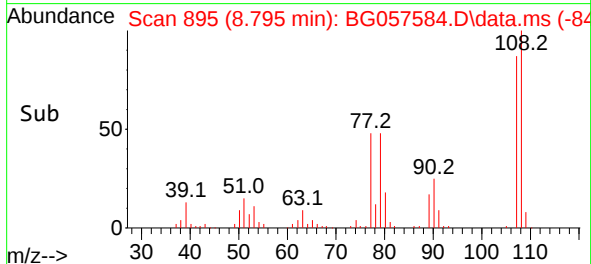
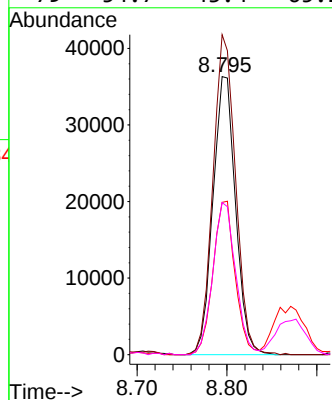
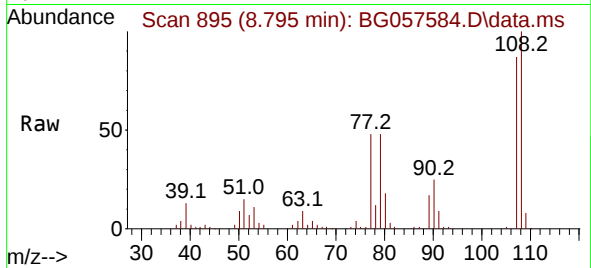




#17
2-Methylphenol
Concen: 43.688 ng
RT: 8.795 min Scan# 899
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

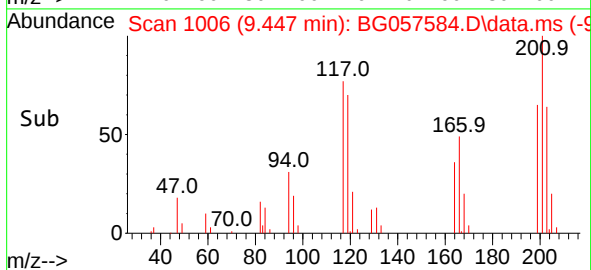
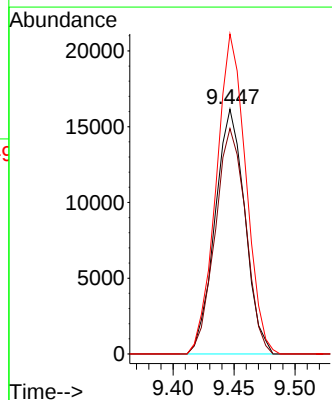
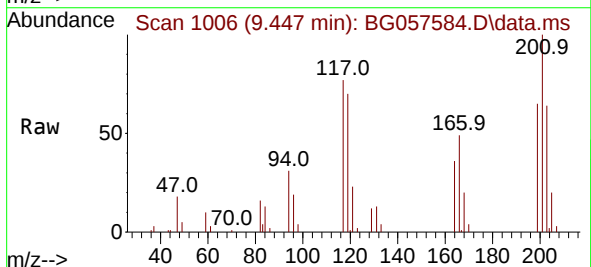
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

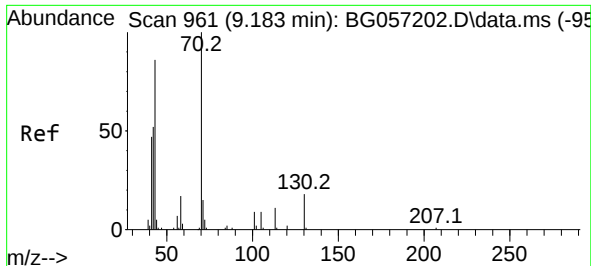
Tgt Ion:	107	Resp:	63499
Ion	Ratio	Lower	Upper
107	100		
108	115.1	89.5	134.3
77	54.8	45.1	67.7
79	54.7	43.4	65.2



#18
Hexachloroethane
Concen: 47.846 ng
RT: 9.447 min Scan# 1006
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:	117	Resp:	27551
Ion	Ratio	Lower	Upper
117	100		
119	92.1	76.7	115.1
201	130.7	109.0	163.4

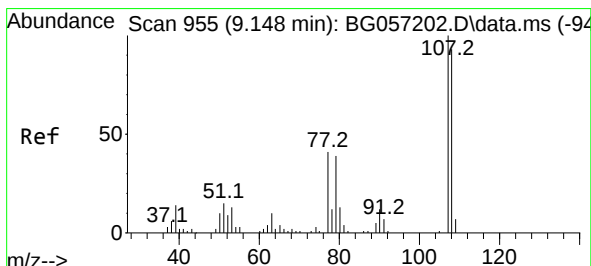
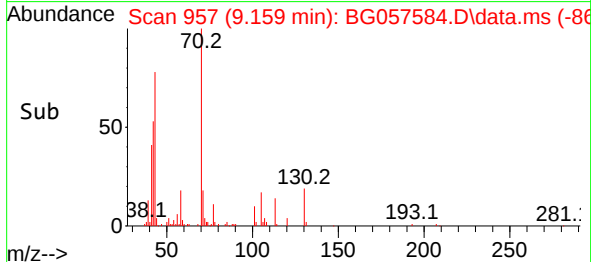
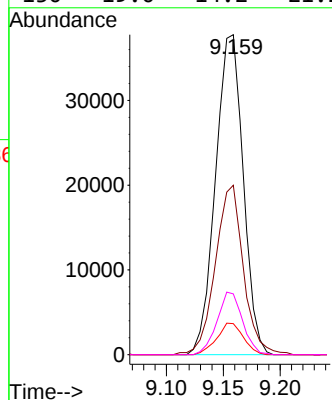
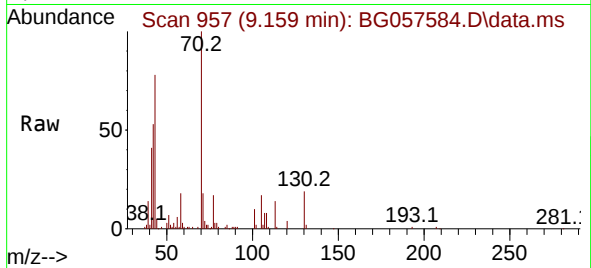




#19
n-Nitroso-di-n-propylamine
Concen: 40.540 ng
RT: 9.159 min Scan# 91
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

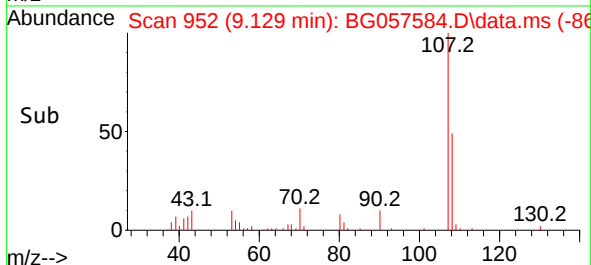
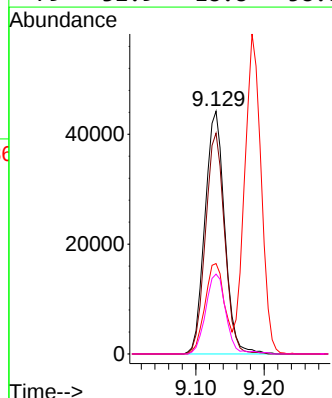
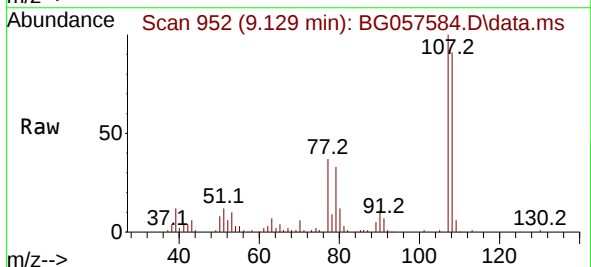
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

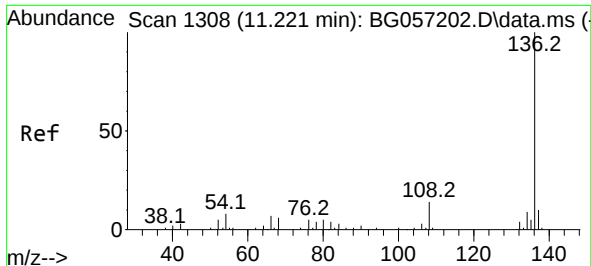
Tgt Ion: 70 Resp: 63939
Ion Ratio Lower Upper
70 100
42 52.9 41.8 62.8
101 9.7 6.8 10.2
130 19.0 14.2 21.2



#20
3+4-Methylphenols
Concen: 44.645 ng
RT: 9.129 min Scan# 952
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:107 Resp: 88852
Ion Ratio Lower Upper
107 100
108 91.0 73.5 113.5
77 37.3 21.1 61.1
79 32.9 18.8 58.8

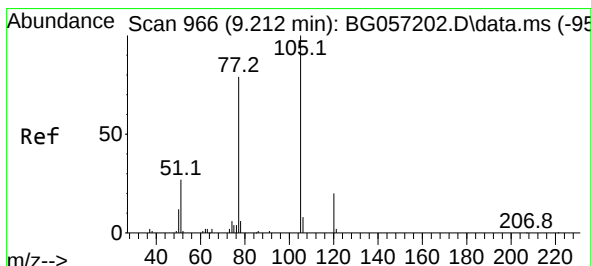
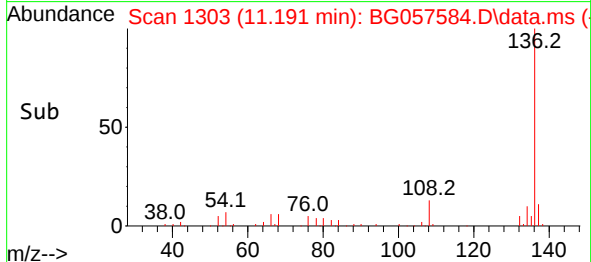
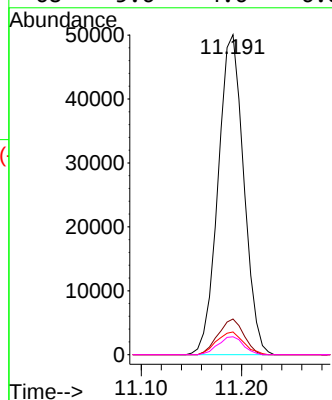
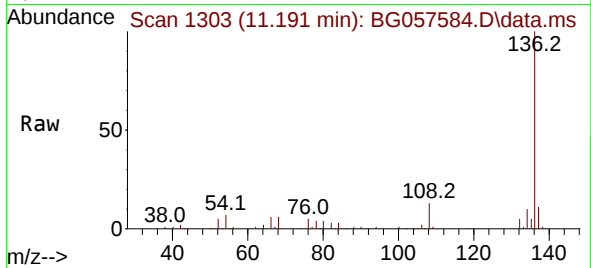




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.191 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

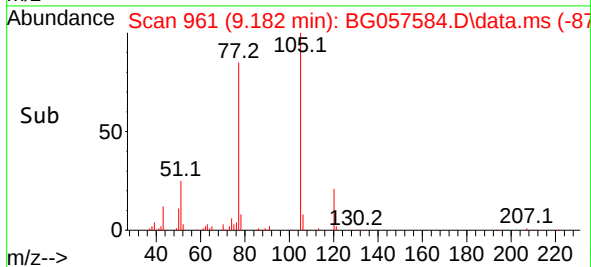
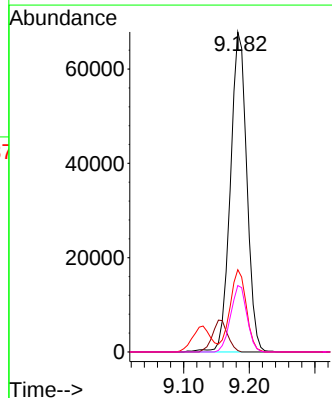
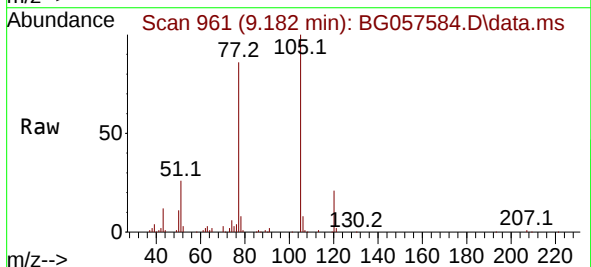
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

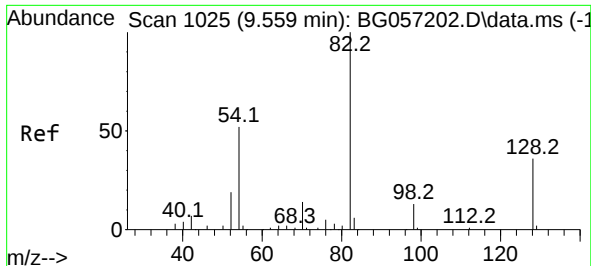
Tgt Ion:136	Resp:	88642
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.3 12.5
54	7.1	6.7 10.1
68	5.6	4.6 6.8



#22
Acetophenone
Concen: 46.544 ng
RT: 9.182 min Scan# 961
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:105	Resp:	118085
Ion Ratio	Lower	Upper
105	100	
71	0.4	0.4 0.6
51	25.7	24.0 36.0
120	20.7	15.8 23.8





#23

Nitrobenzene-d5

Concen: 86.776 ng

RT: 9.535 min Scan# 1021

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

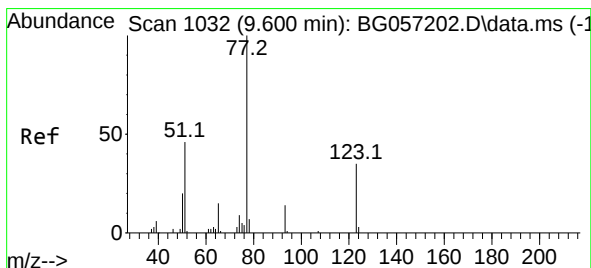
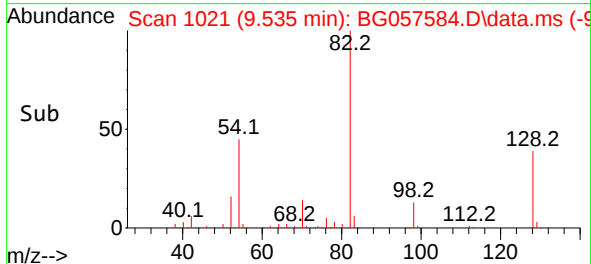
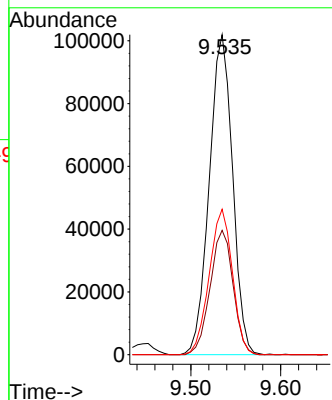
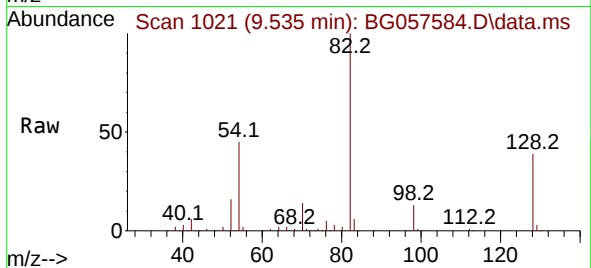
Tgt Ion: 82 Resp: 183270

Ion Ratio Lower Upper

82 100

128 38.9 29.0 43.4

54 45.4 41.4 62.0



#24

Nitrobenzene

Concen: 43.412 ng

RT: 9.576 min Scan# 1028

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

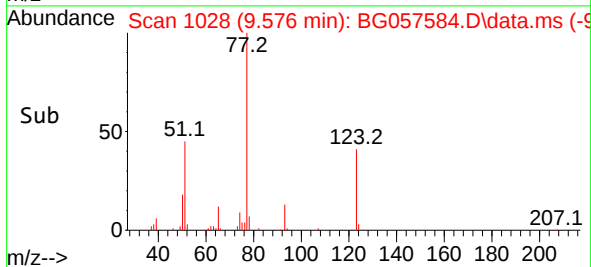
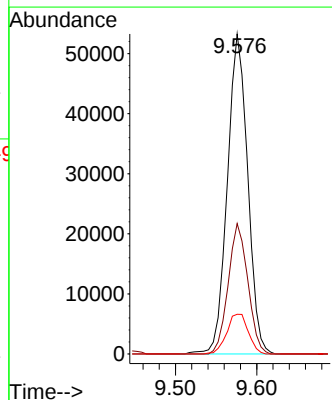
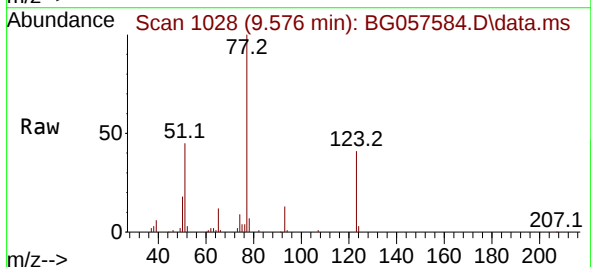
Tgt Ion: 77 Resp: 92540

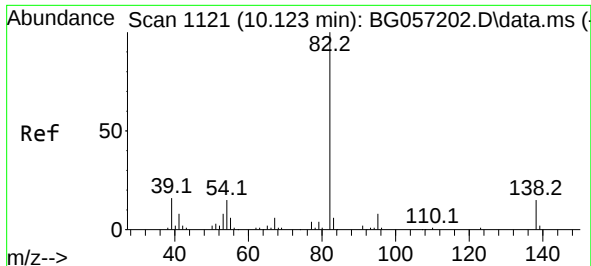
Ion Ratio Lower Upper

77 100

123 40.8 28.2 42.2

65 12.4 11.7 17.5

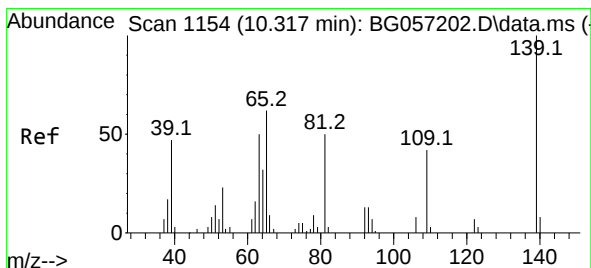
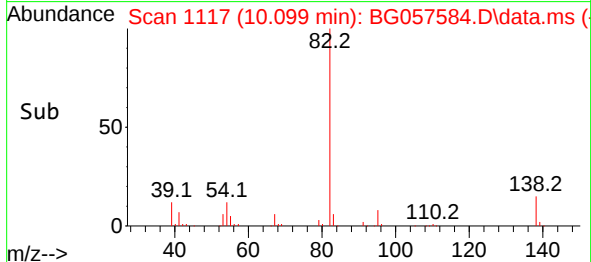
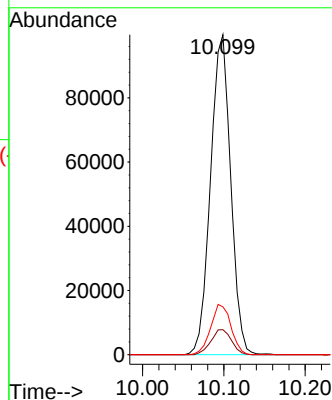
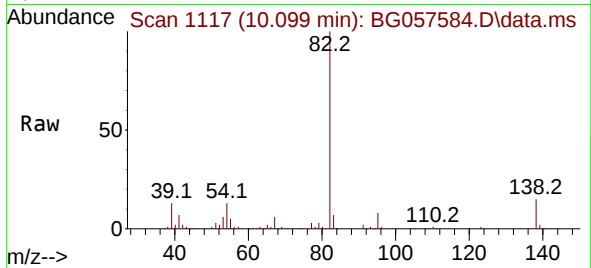




#25
Isophorone
Concen: 41.892 ng
RT: 10.099 min Scan# 1117
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

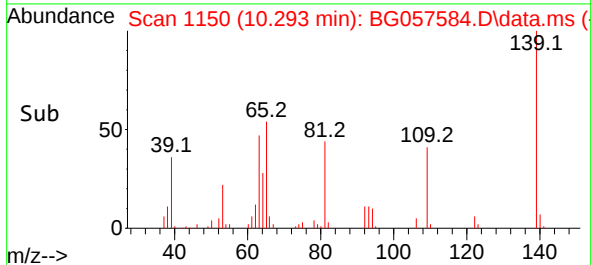
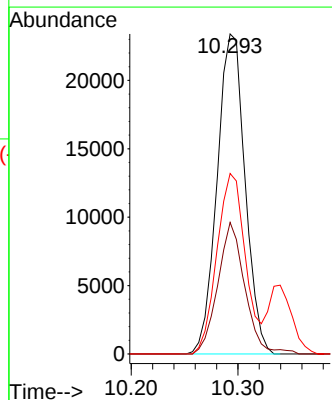
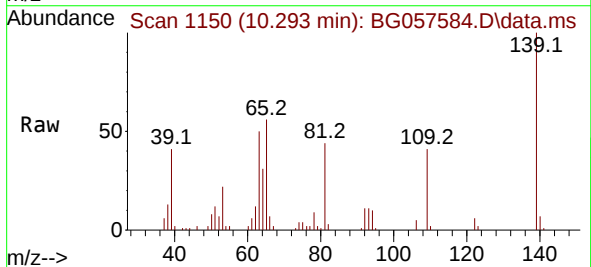
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

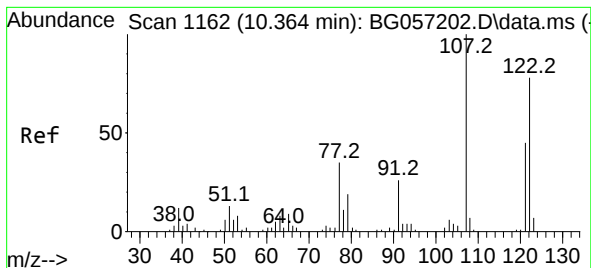
Tgt Ion: 82 Resp: 171561
Ion Ratio Lower Upper
82 100
95 7.8 6.4 9.6
138 15.0 12.3 18.5



#26
2-Nitrophenol
Concen: 52.210 ng
RT: 10.293 min Scan# 1150
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:139 Resp: 42601
Ion Ratio Lower Upper
139 100
109 41.1 33.4 50.2
65 56.4 49.8 74.6





#27

2,4-Dimethylphenol

Concen: 52.061 ng

RT: 10.340 min Scan# 1158

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

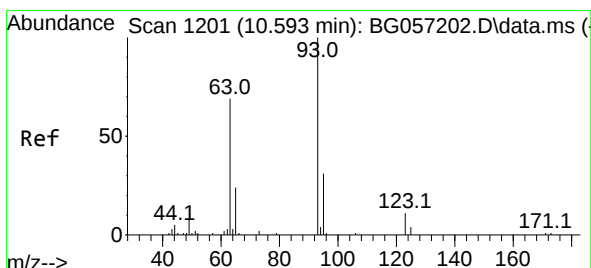
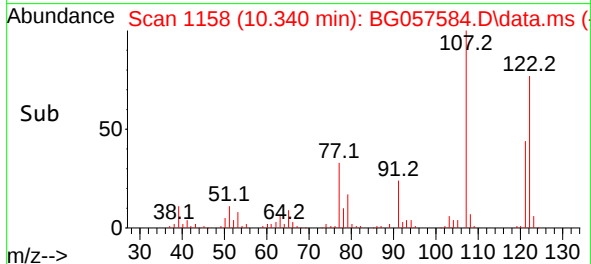
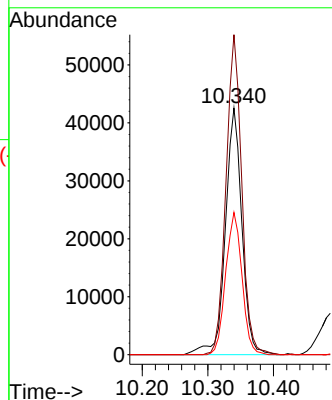
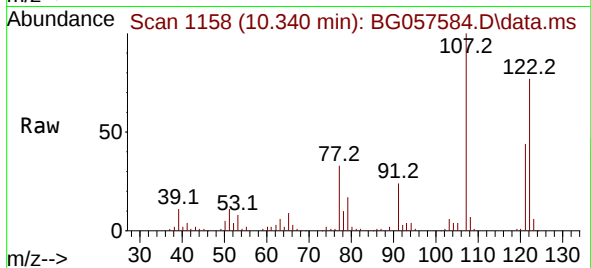
Tgt Ion:122 Resp: 74383

Ion Ratio Lower Upper

122 100

107 129.8 103.0 154.4

121 57.7 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 45.909 ng

RT: 10.569 min Scan# 1197

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

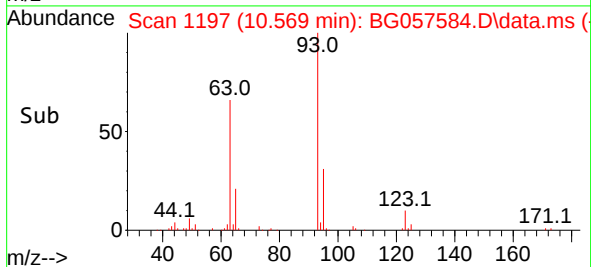
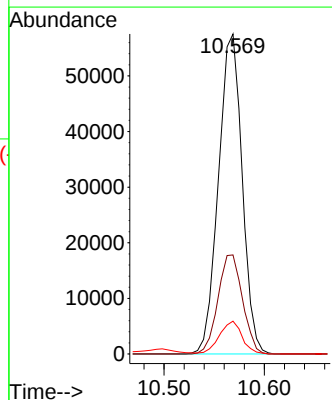
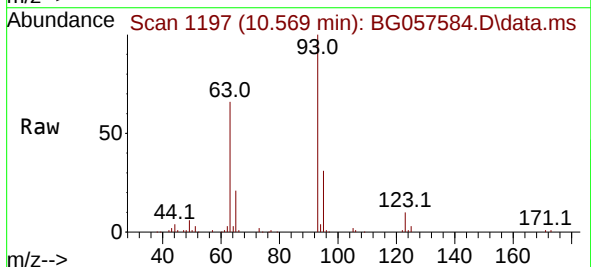
Tgt Ion: 93 Resp: 94191

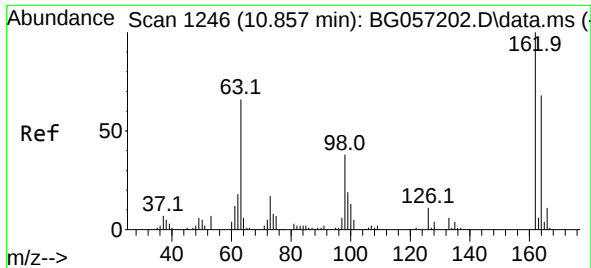
Ion Ratio Lower Upper

93 100

95 30.9 25.0 37.6

123 10.2 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 51.982 ng

RT: 10.839 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

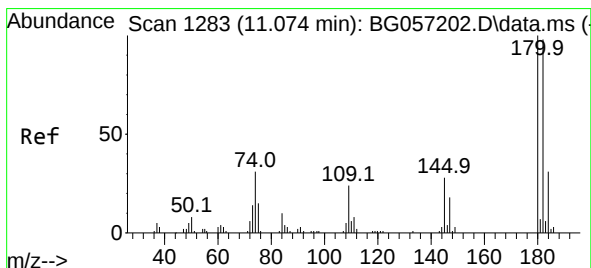
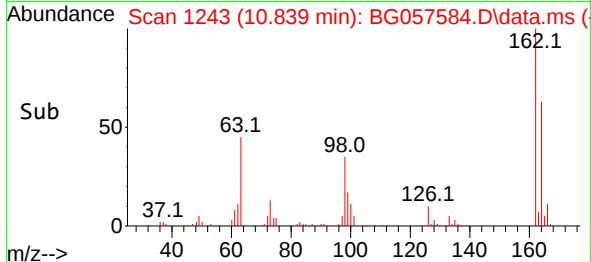
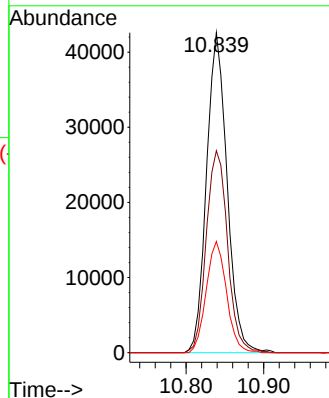
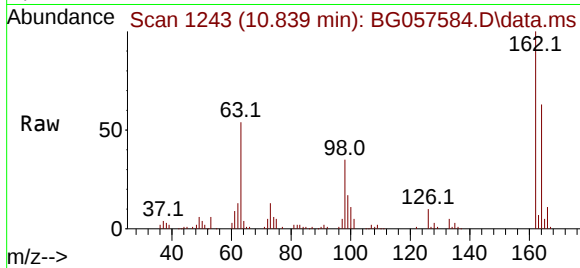
Tgt Ion:162 Resp: 78773

Ion Ratio Lower Upper

162 100

164 63.1 48.4 88.4

98 34.8 17.6 57.6



#30

1,2,4-Trichlorobenzene

Concen: 47.114 ng

RT: 11.050 min Scan# 1279

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

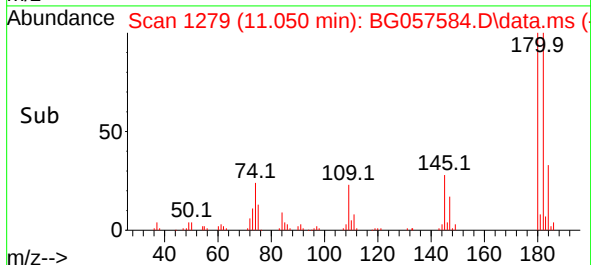
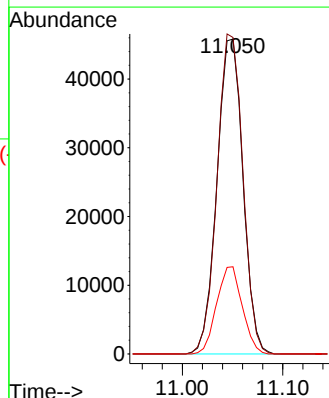
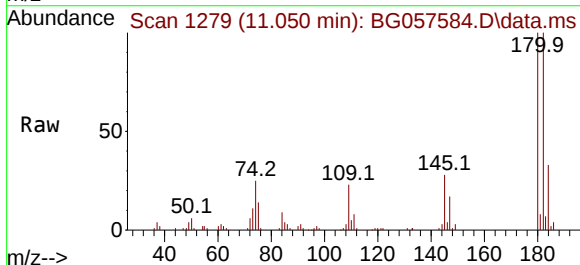
Tgt Ion:180 Resp: 82347

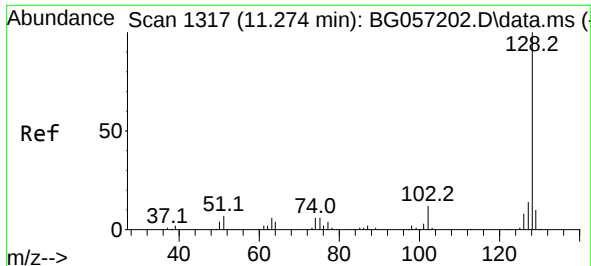
Ion Ratio Lower Upper

180 100

182 100.5 78.0 117.0

145 27.7 22.4 33.6

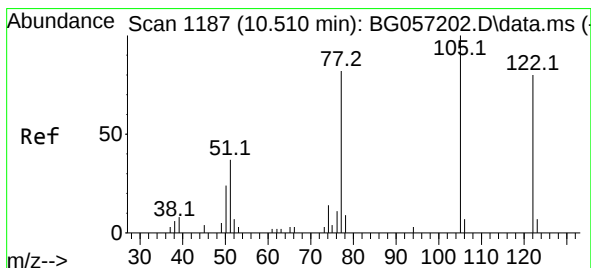
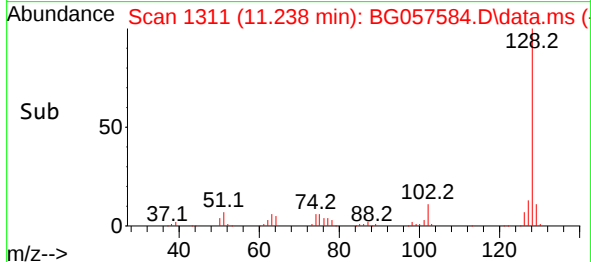
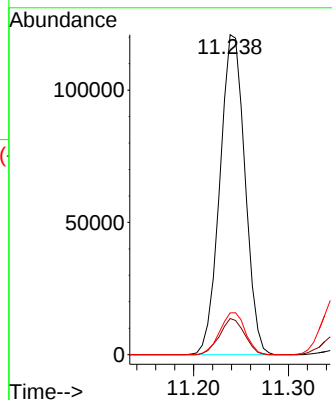
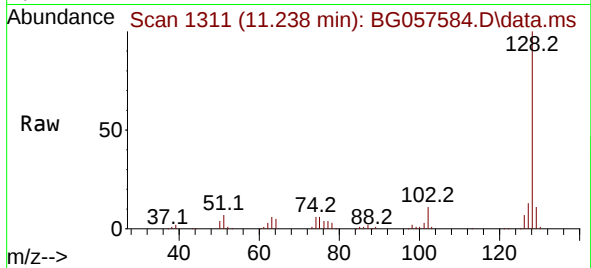




#31
Naphthalene
Concen: 46.944 ng
RT: 11.238 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

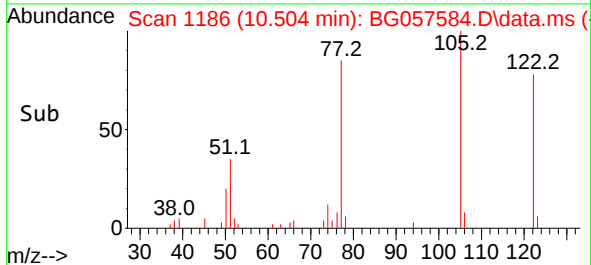
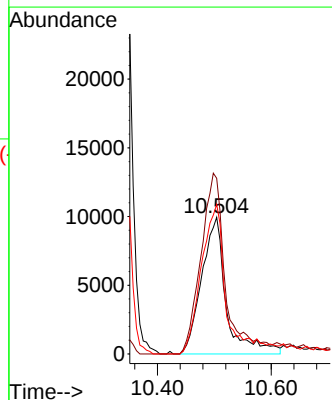
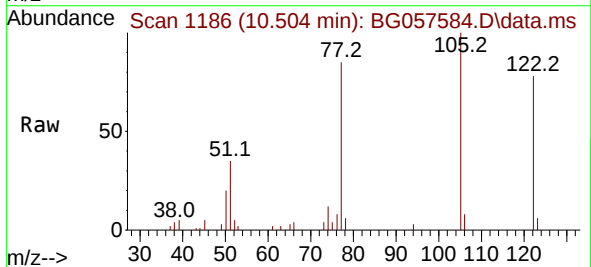
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

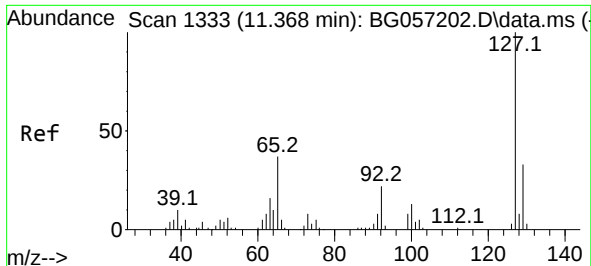
Tgt Ion:128 Resp: 222465
Ion Ratio Lower Upper
128 100
129 11.3 8.3 12.5
127 13.0 11.1 16.7



#32
Benzoic acid
Concen: 37.429 ng
RT: 10.504 min Scan# 1186
Delta R.T. 0.009 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:122 Resp: 29888
Ion Ratio Lower Upper
122 100
105 128.6 105.2 145.2
77 109.5 83.1 123.1

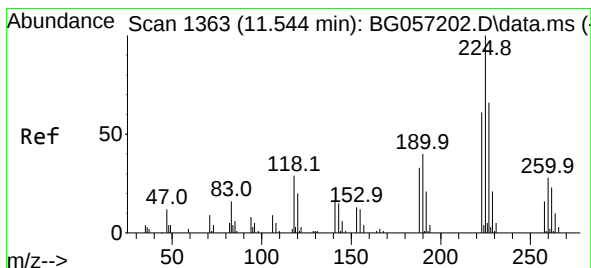
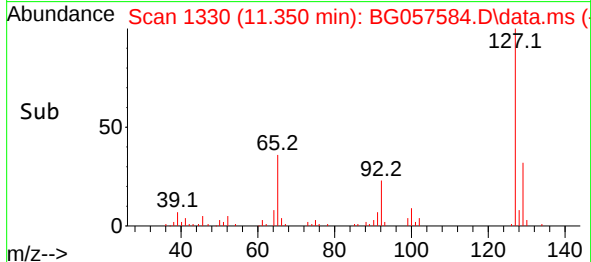
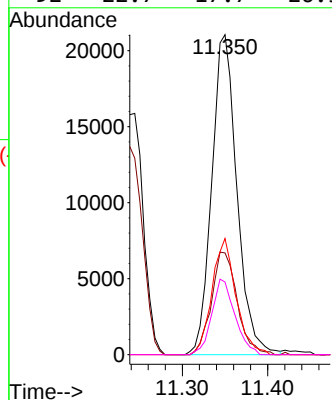
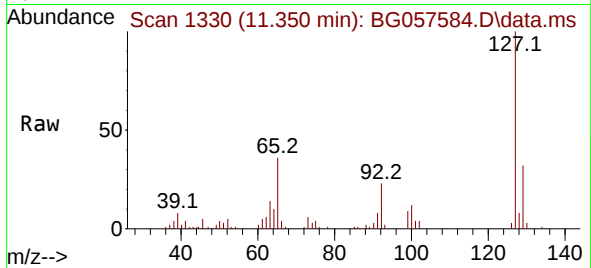




#33
4-Chloroaniline
Concen: 20.295 ng
RT: 11.350 min Scan# 1133
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

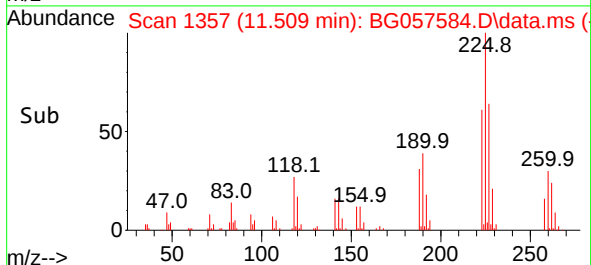
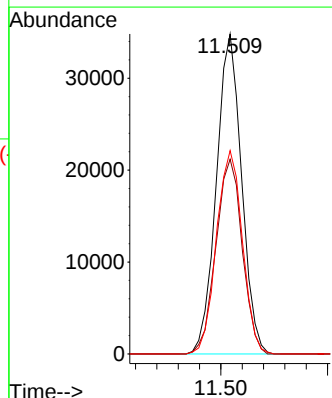
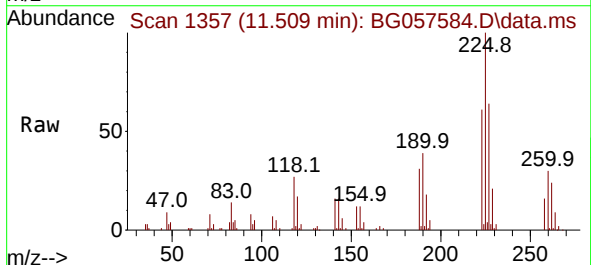
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

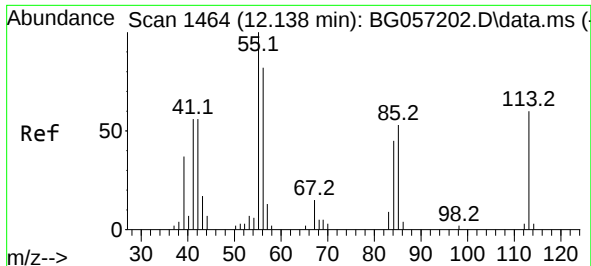
Tgt Ion:127	Resp:	43192
Ion	Ratio	Lower Upper
127	100	
129	31.8	26.7 40.1
65	36.3	29.7 44.5
92	22.7	17.7 26.5



#34
Hexachlorobutadiene
Concen: 43.992 ng
RT: 11.509 min Scan# 1357
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:225	Resp:	57054
Ion	Ratio	Lower Upper
225	100	
223	60.9	48.6 72.8
227	63.5	52.7 79.1

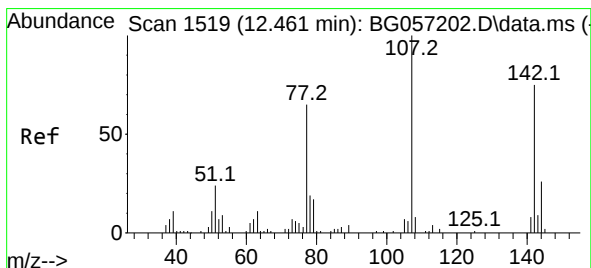
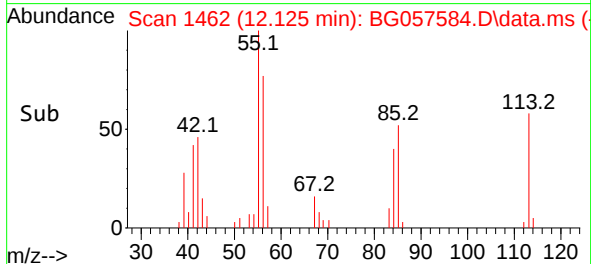
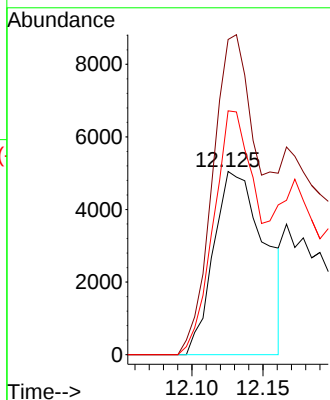
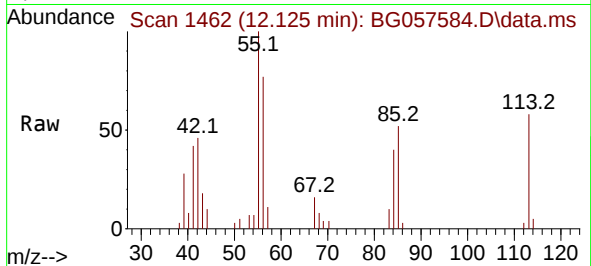




#35
 Caprolactam
 Concen: 24.274 ng
 RT: 12.125 min Scan# 1462
 Delta R.T. -0.003 min
 Lab File: BG057584.D
 Acq: 26 May 2023 13:57

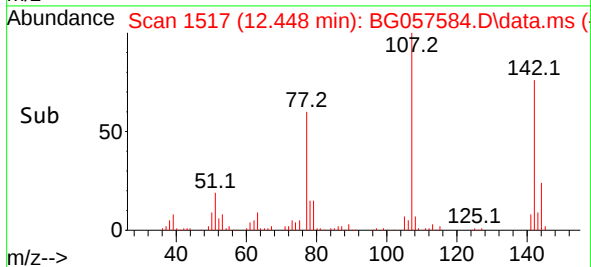
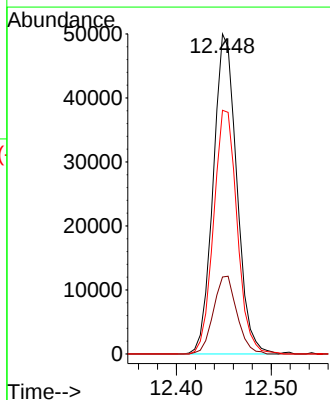
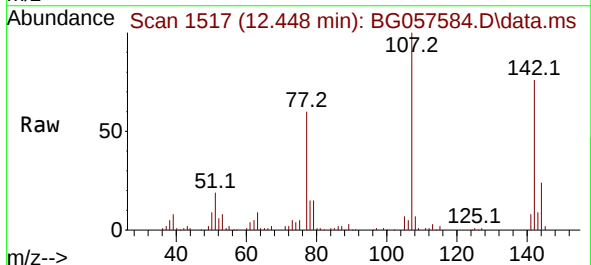
Instrument :
 BNA_G
 ClientSampleId :
 TP-70AMS

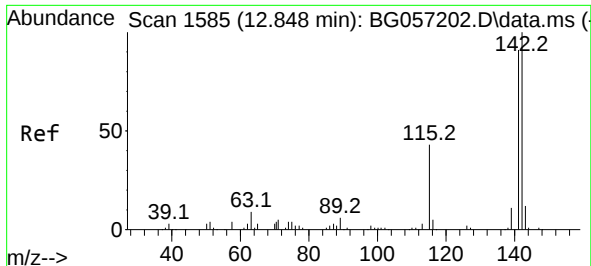
Tgt Ion:113 Resp: 12565
 Ion Ratio Lower Upper
 113 100
 55 172.1 145.5 185.5
 56 133.1 115.9 155.9



#36
 4-Chloro-3-methylphenol
 Concen: 50.120 ng
 RT: 12.448 min Scan# 1517
 Delta R.T. -0.003 min
 Lab File: BG057584.D
 Acq: 26 May 2023 13:57

Tgt Ion:107 Resp: 86311
 Ion Ratio Lower Upper
 107 100
 144 24.0 21.0 31.6
 142 76.2 60.0 90.0

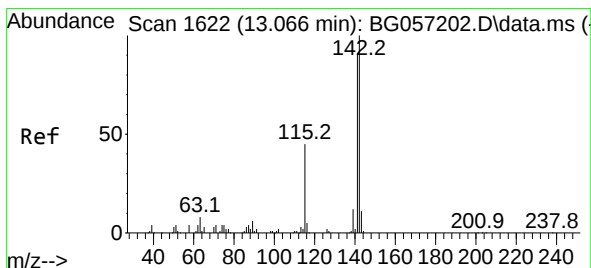
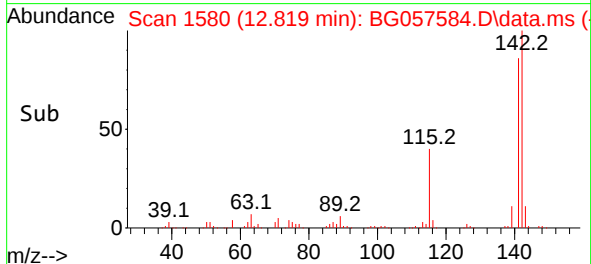
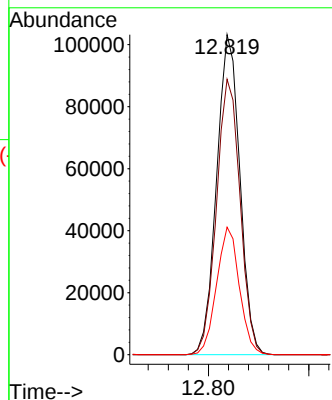
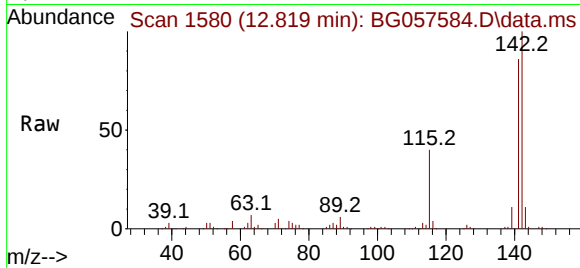




#37
2-Methylnaphthalene
Concen: 44.461 ng
RT: 12.819 min Scan# 1617
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

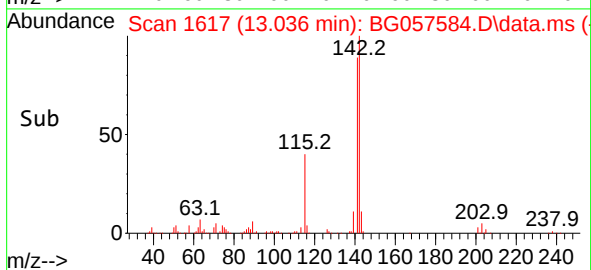
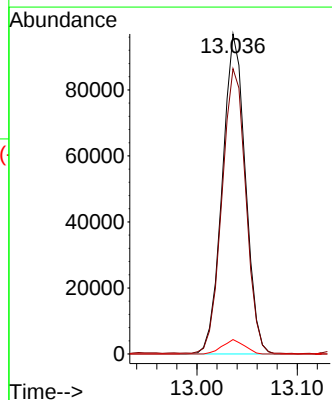
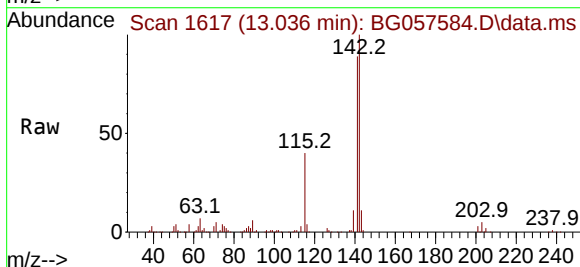
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

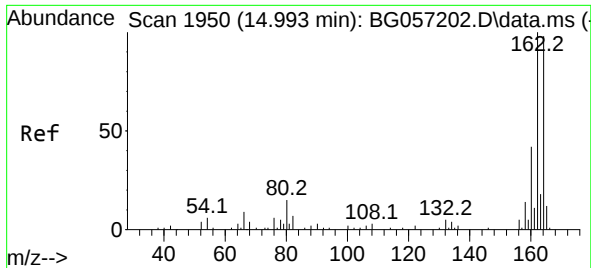
Tgt Ion:142 Resp: 165657
Ion Ratio Lower Upper
142 100
141 86.1 73.1 109.7
115 39.8 34.6 52.0



#38
1-Methylnaphthalene
Concen: 44.072 ng
RT: 13.036 min Scan# 1617
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:142 Resp: 154777
Ion Ratio Lower Upper
142 100
141 89.2 72.5 108.7
116 4.5 3.7 5.5

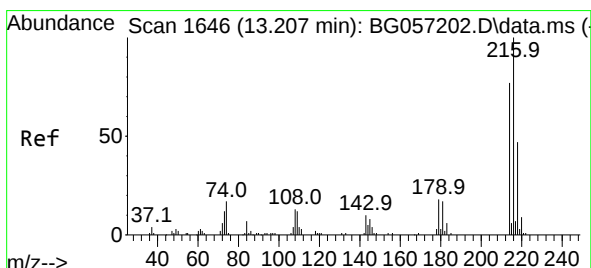
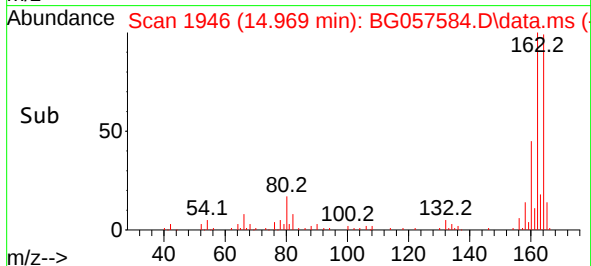
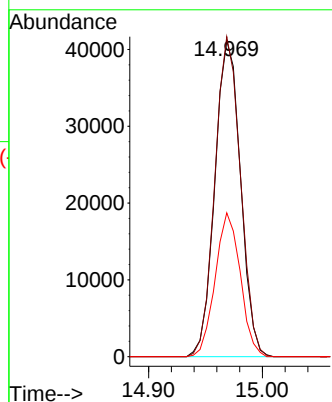
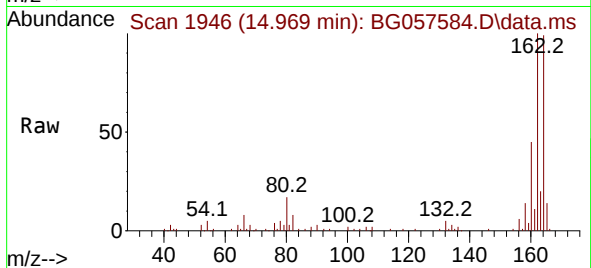




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.969 min Scan# 1950
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

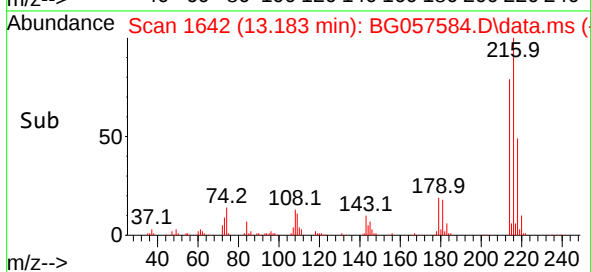
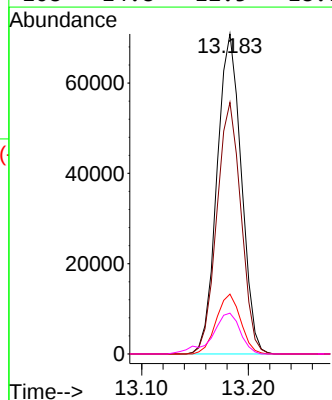
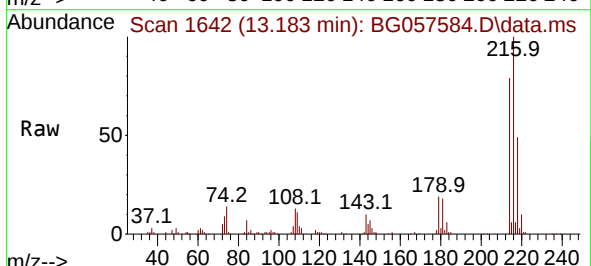
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

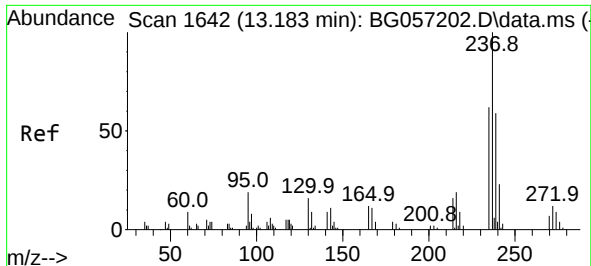
Tgt Ion:164 Resp: 64494
Ion Ratio Lower Upper
164 100
162 101.3 81.8 122.6
160 45.5 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.912 ng
RT: 13.183 min Scan# 1642
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:216 Resp: 111988
Ion Ratio Lower Upper
216 100
214 78.2 63.7 95.5
179 18.8 14.6 22.0
108 14.8 12.5 18.7

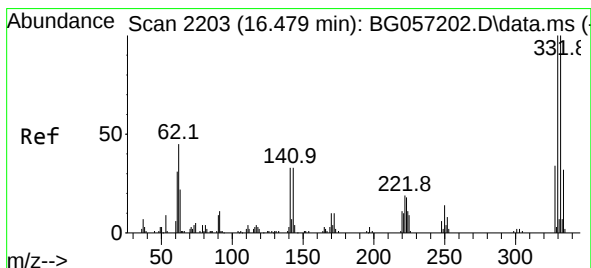
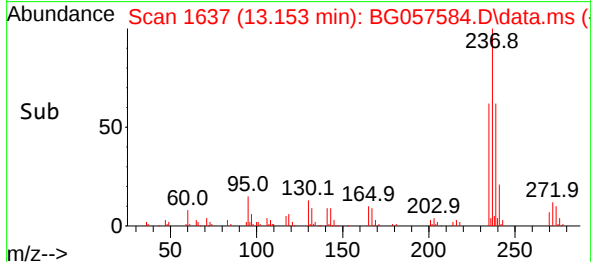
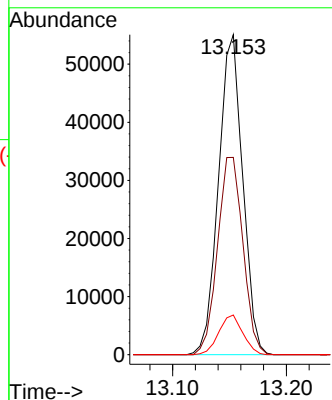
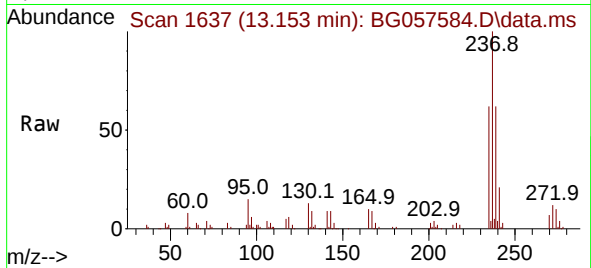




#41
Hexachlorocyclopentadiene
Concen: 74.431 ng
RT: 13.153 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

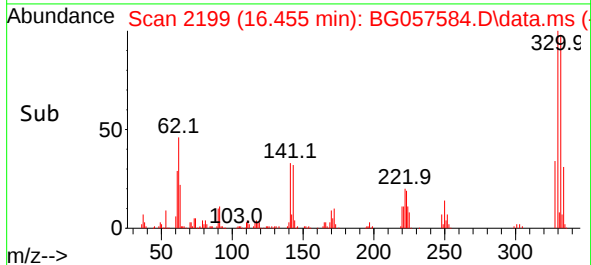
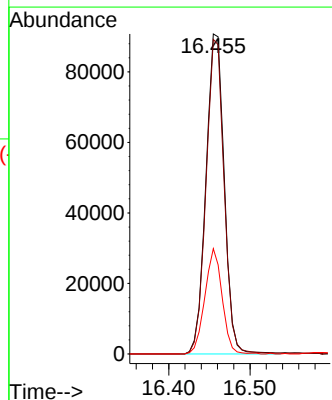
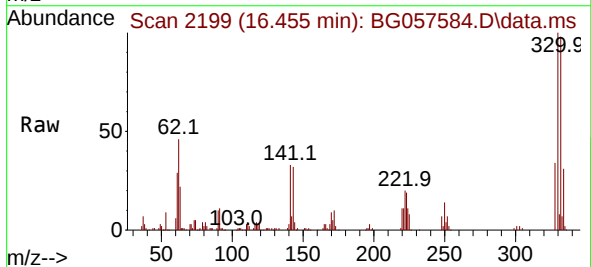
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BNA_G
ClientSampleId :
TP-70AMS

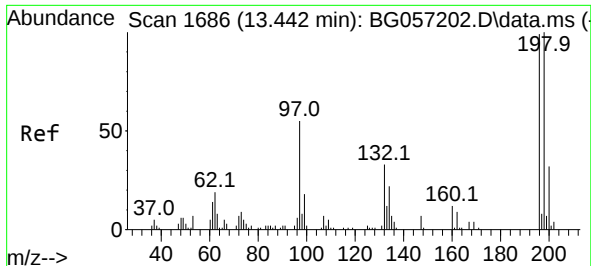
Tgt Ion:237 Resp: 81391
Ion Ratio Lower Upper
237 100
235 61.7 42.0 82.0
272 12.4 0.0 31.5



#42
2,4,6-Tribromophenol
Concen: 154.903 ng
RT: 16.455 min Scan# 2199
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:330 Resp: 141752
Ion Ratio Lower Upper
330 100
332 96.8 78.2 117.2
141 31.0 27.8 41.8

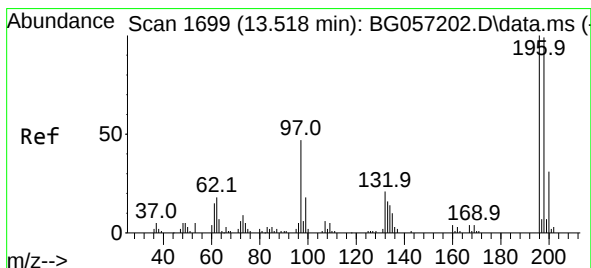
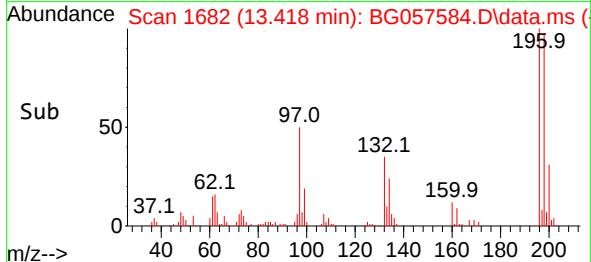
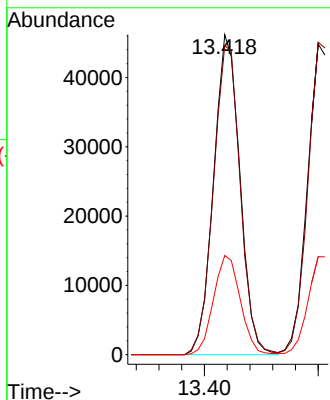
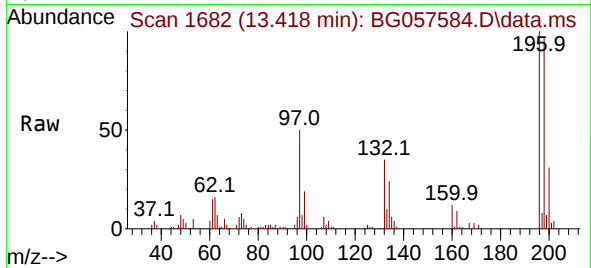




#43
2,4,6-Trichlorophenol
Concen: 53.093 ng
RT: 13.418 min Scan# 1682
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

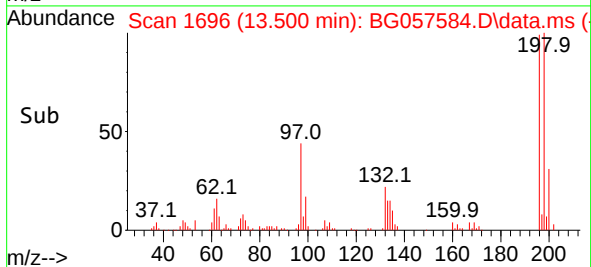
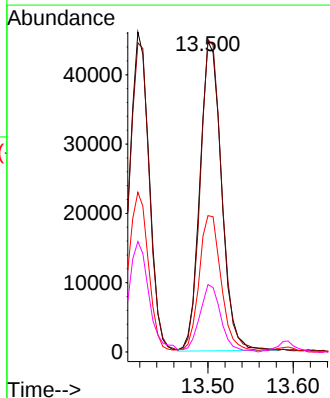
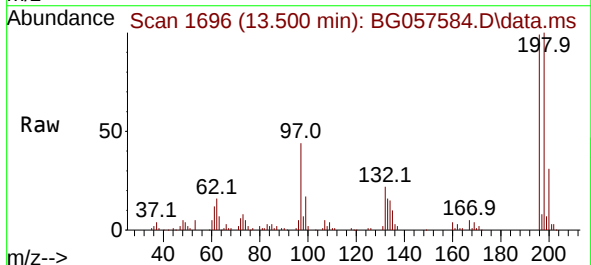
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ClientSampleId :
TP-70AMS

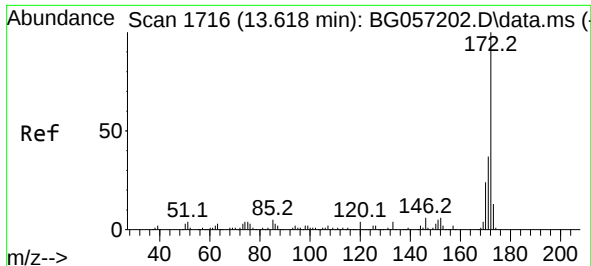
Tgt Ion:196 Resp: 74059
Ion Ratio Lower Upper
196 100
198 96.6 81.2 121.8
200 31.0 26.3 39.5



#44
2,4,5-Trichlorophenol
Concen: 47.903 ng
RT: 13.500 min Scan# 1696
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:196 Resp: 78599
Ion Ratio Lower Upper
196 100
198 100.5 79.4 119.2
97 43.9 37.0 55.4
132 21.7 16.6 24.8

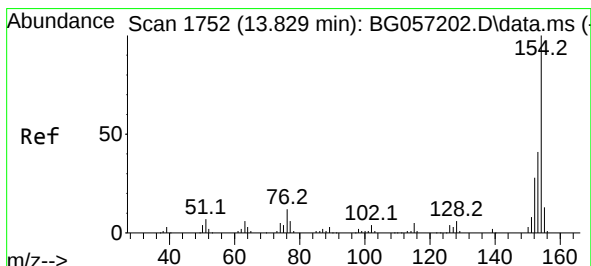
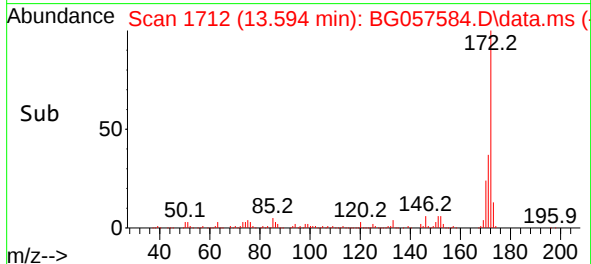
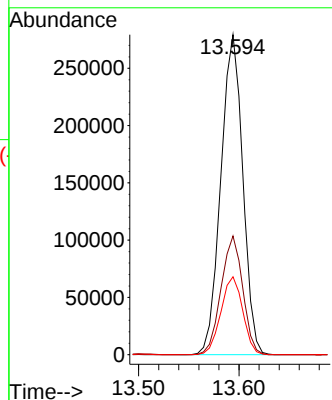
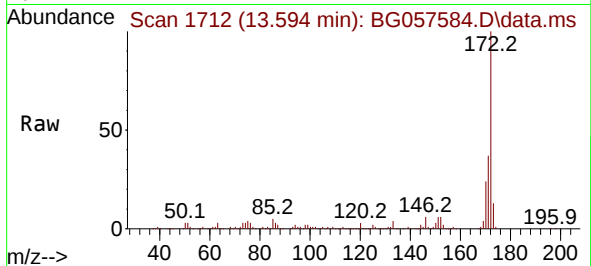




#45
2-Fluorobiphenyl
Concen: 88.514 ng
RT: 13.594 min Scan# 1712
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

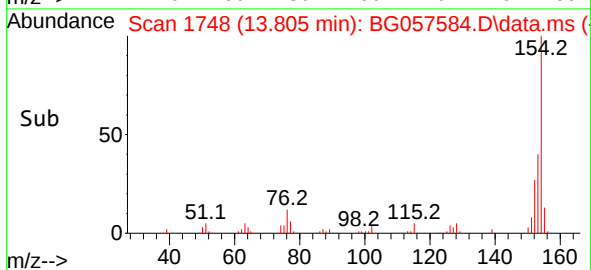
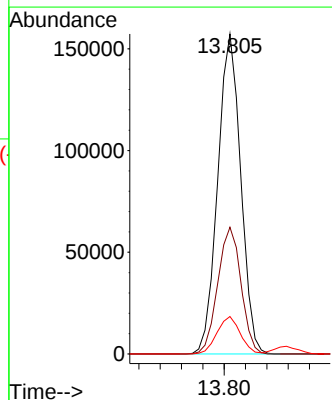
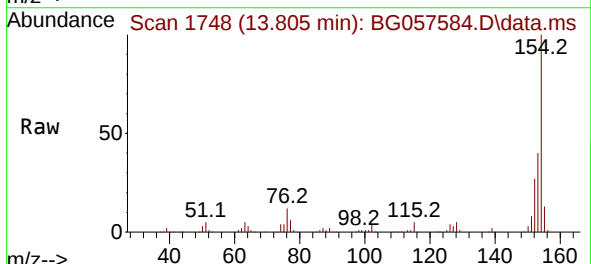
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

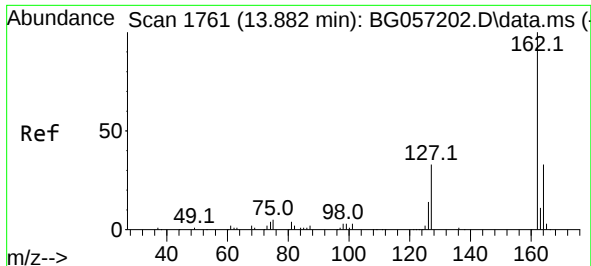
Tgt Ion:172 Resp: 423867
Ion Ratio Lower Upper
172 100
171 37.1 29.4 44.0
170 24.4 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.053 ng
RT: 13.805 min Scan# 1748
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:154 Resp: 234751
Ion Ratio Lower Upper
154 100
153 39.6 20.9 60.9
76 11.7 0.0 31.7

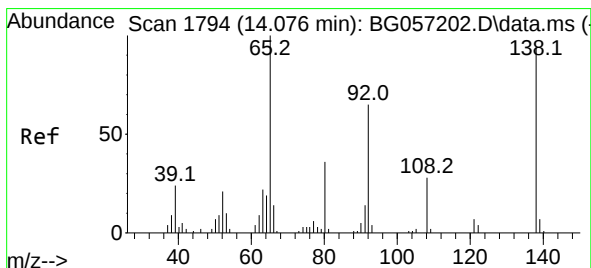
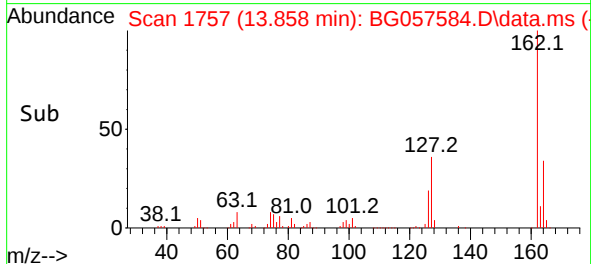
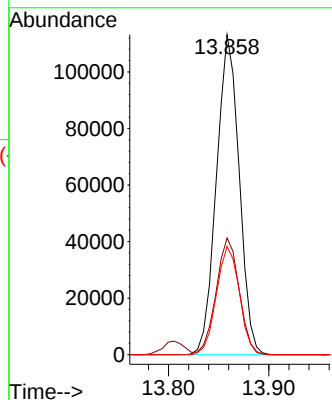
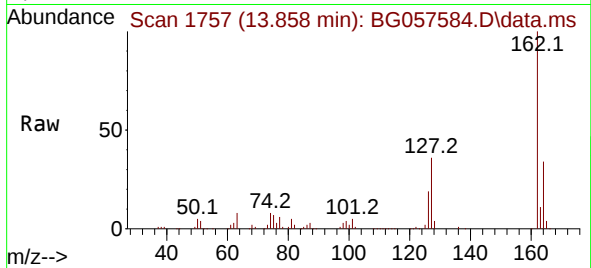




#47
2-Chloronaphthalene
Concen: 49.977 ng
RT: 13.858 min Scan# 1757
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

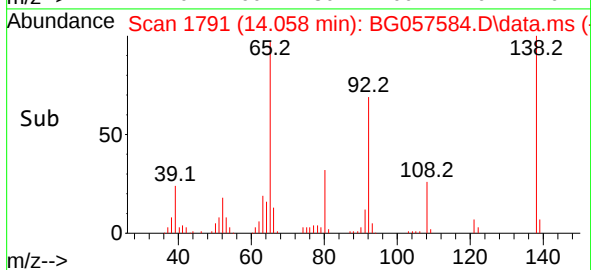
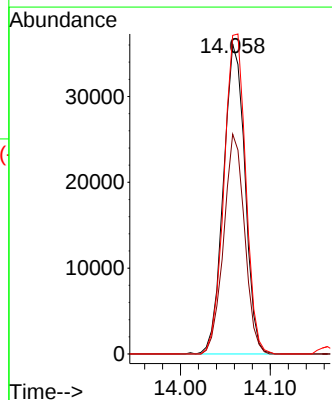
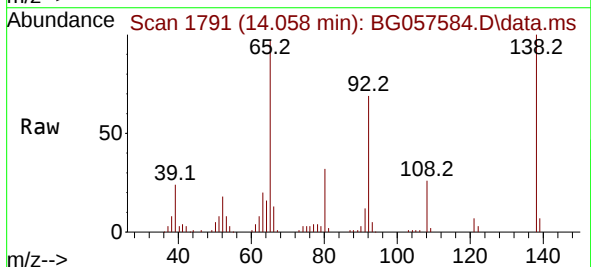
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

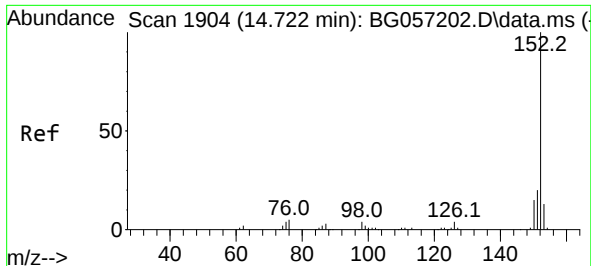
Tgt Ion:162 Resp: 177856
Ion Ratio Lower Upper
162 100
127 36.5 29.8 44.6
164 33.8 26.6 40.0



#48
2-Nitroaniline
Concen: 49.686 ng
RT: 14.058 min Scan# 1791
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion: 65 Resp: 60122
Ion Ratio Lower Upper
65 100
92 70.9 52.1 78.1
138 102.8 75.3 112.9

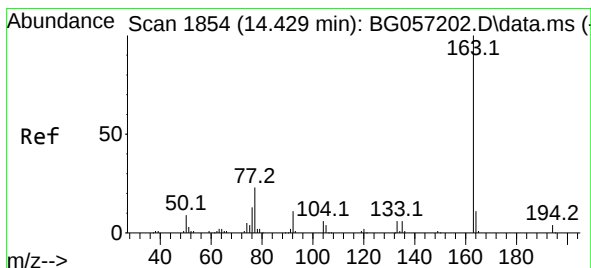
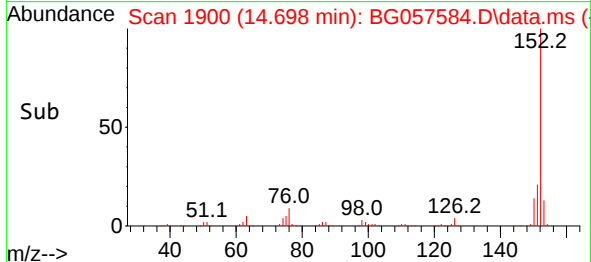
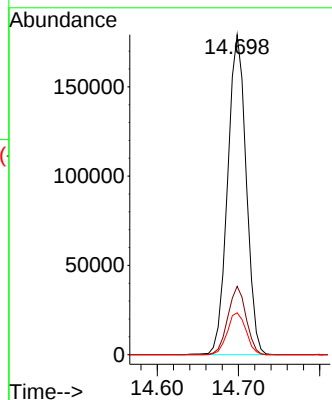
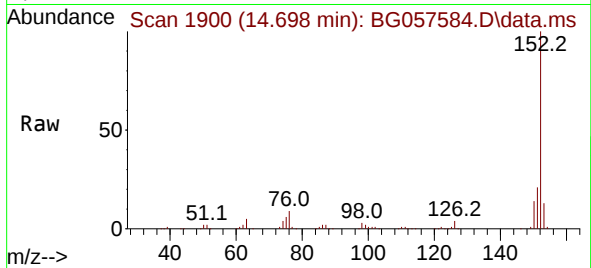




#49
Acenaphthylene
Concen: 49.161 ng
RT: 14.698 min Scan# 1900
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

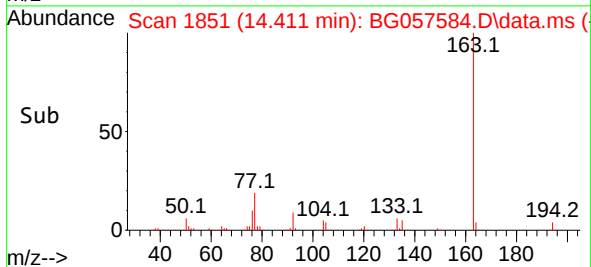
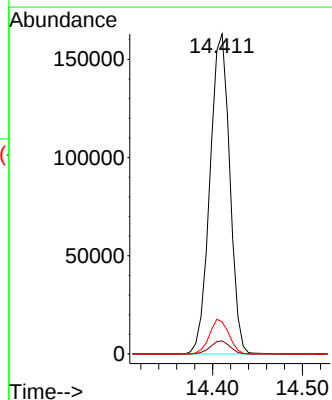
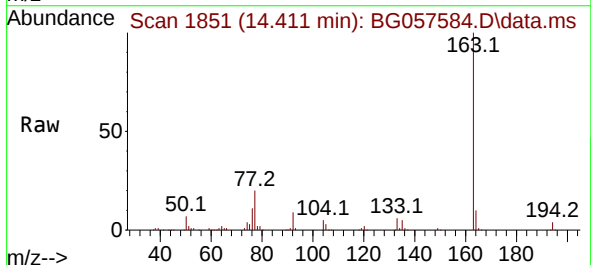
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

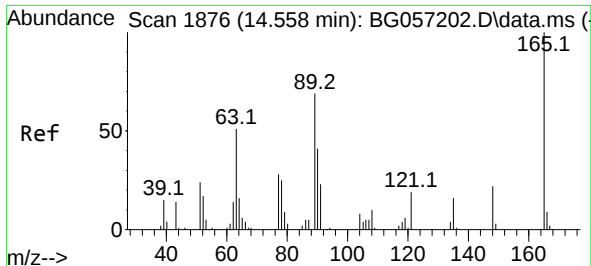
Tgt Ion:152 Resp: 284232
Ion Ratio Lower Upper
152 100
151 21.4 16.0 24.0
153 13.1 10.7 16.1



#50
Dimethylphthalate
Concen: 47.085 ng
RT: 14.411 min Scan# 1851
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:163 Resp: 249543
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.0 8.8 13.2

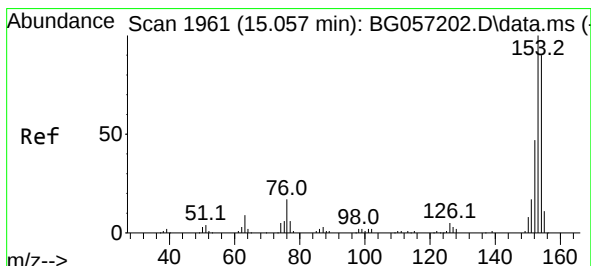
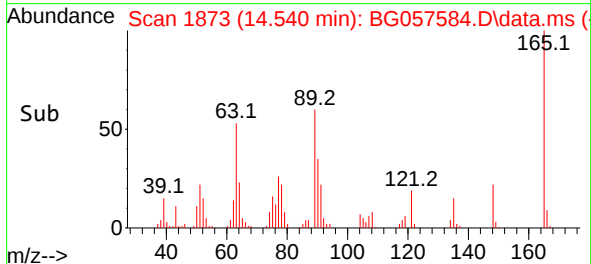
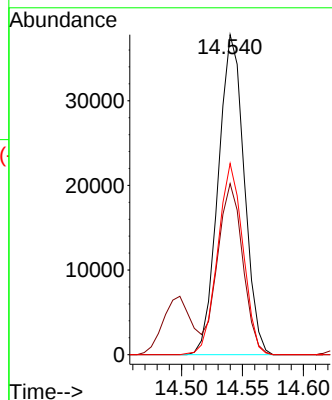
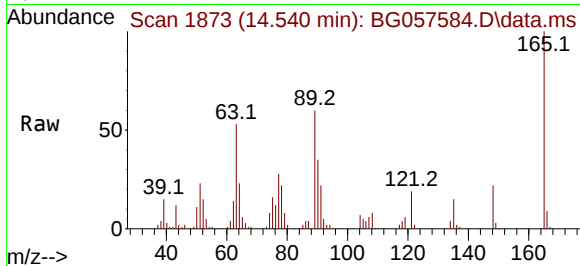




#51
2,6-Dinitrotoluene
Concen: 51.780 ng
RT: 14.540 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

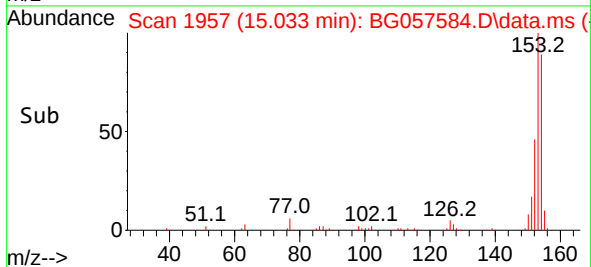
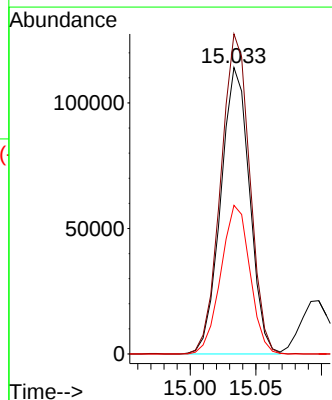
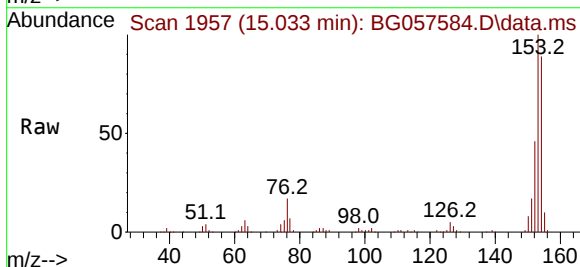
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

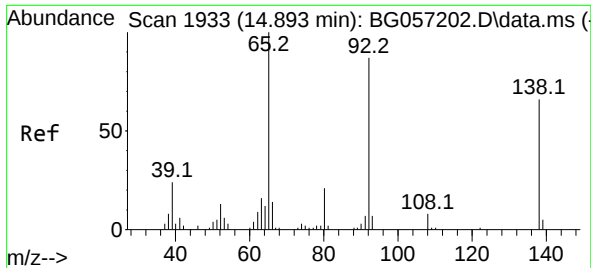
Tgt Ion:165 Resp: 56031
Ion Ratio Lower Upper
165 100
63 53.4 50.9 76.3
89 59.7 55.2 82.8



#52
Acenaphthene
Concen: 48.308 ng
RT: 15.033 min Scan# 1957
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:154 Resp: 174529
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 51.9 41.7 62.5

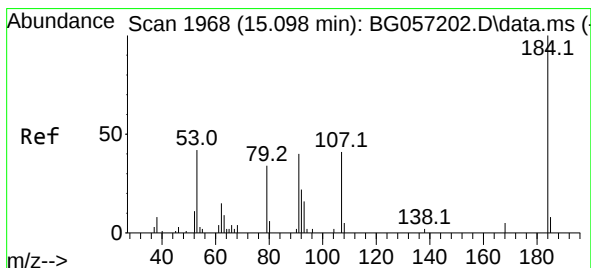
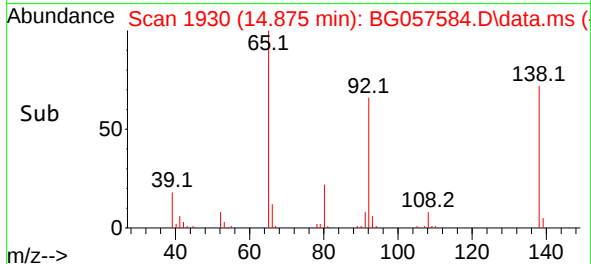
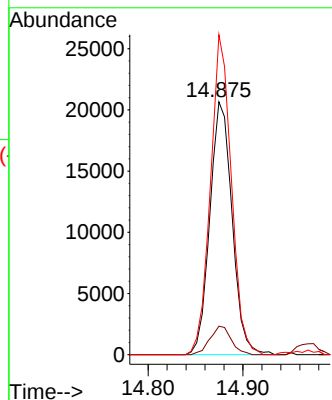
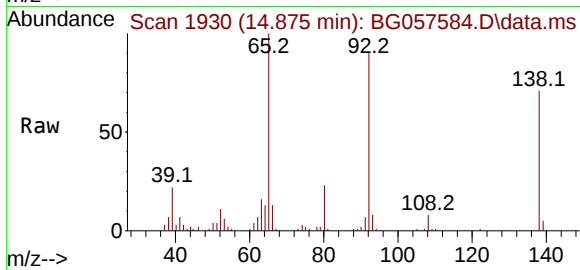




#53
3-Nitroaniline
Concen: 31.084 ng
RT: 14.875 min Scan# 1930
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

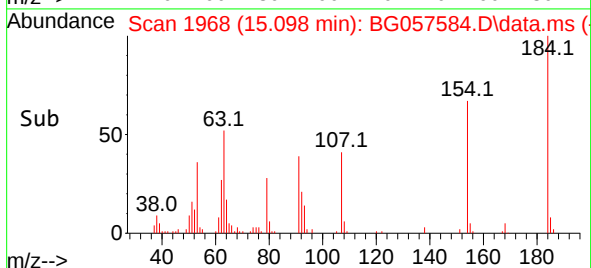
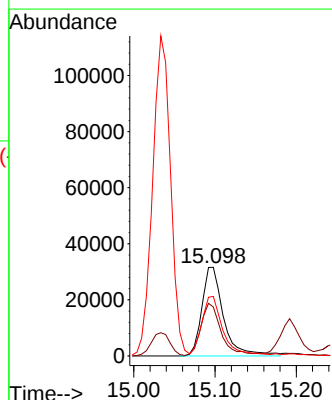
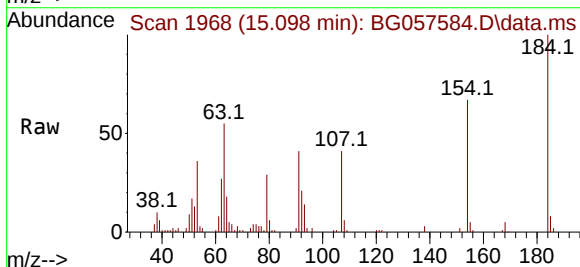
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

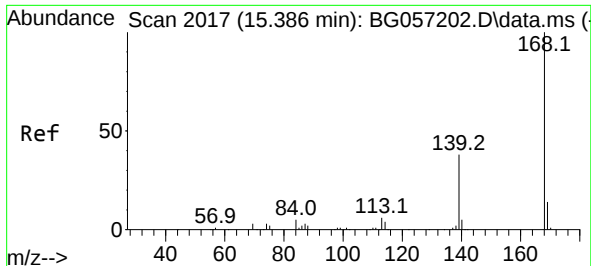
Tgt Ion:138 Resp: 33697
Ion Ratio Lower Upper
138 100
108 11.3 9.5 14.3
92 126.6 106.2 159.4



#54
2,4-Dinitrophenol
Concen: 86.884 ng
RT: 15.098 min Scan# 1968
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:184 Resp: 58525
Ion Ratio Lower Upper
184 100
63 55.2 48.2 72.4
154 67.2 55.4 83.2

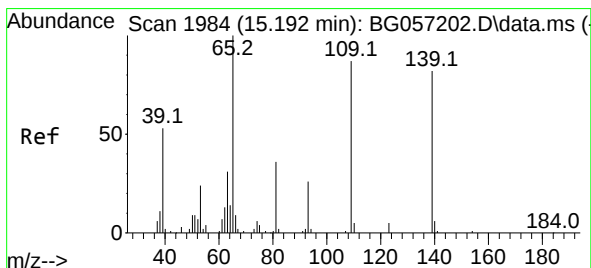
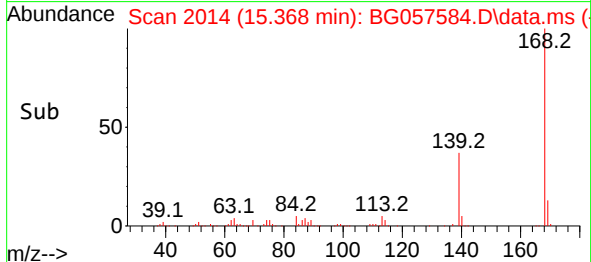
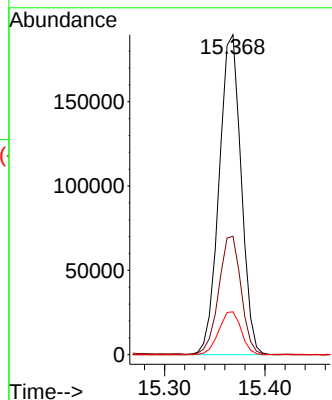
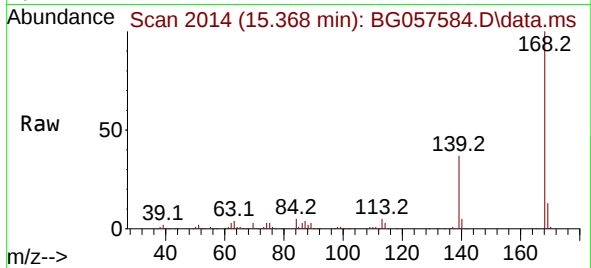




#55
Dibenzenofuran
Concen: 47.586 ng
RT: 15.368 min Scan# 2017
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

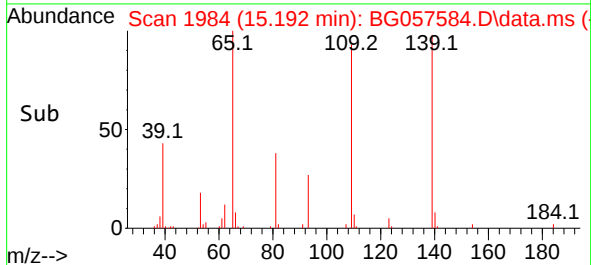
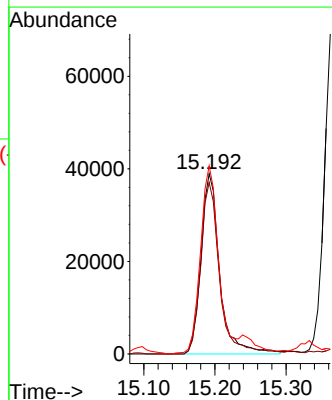
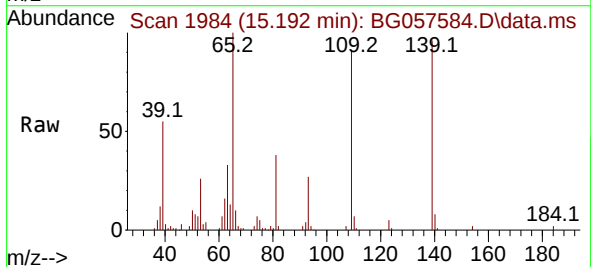
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

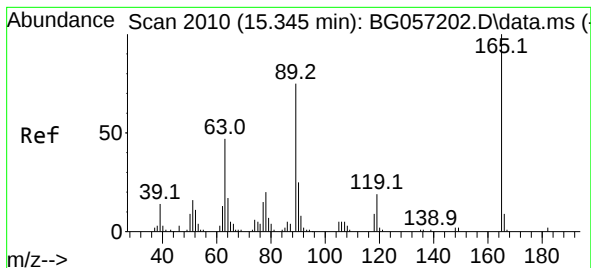
Tgt Ion:168 Resp: 288856
Ion Ratio Lower Upper
168 100
139 37.0 30.7 46.1
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 98.935 ng
RT: 15.192 min Scan# 1984
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:139 Resp: 71332
Ion Ratio Lower Upper
139 100
109 95.1 86.6 126.6
65 104.3 102.6 142.6

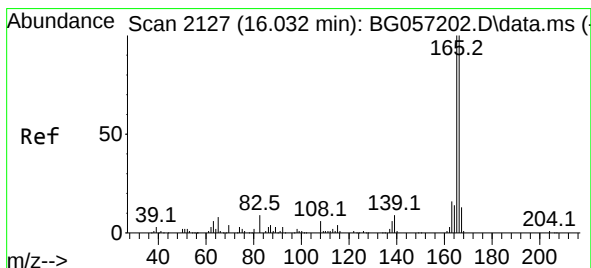
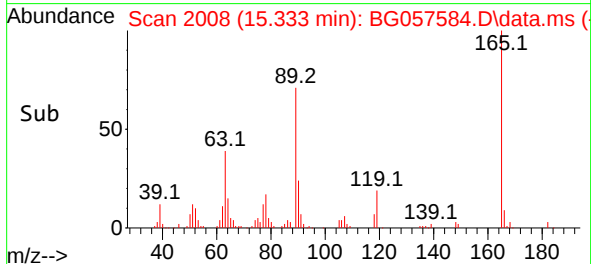
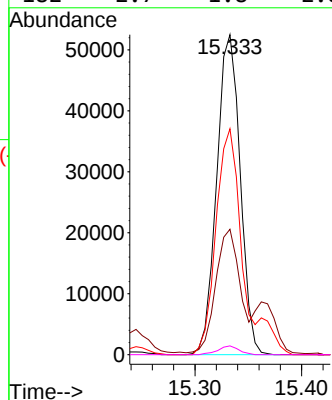
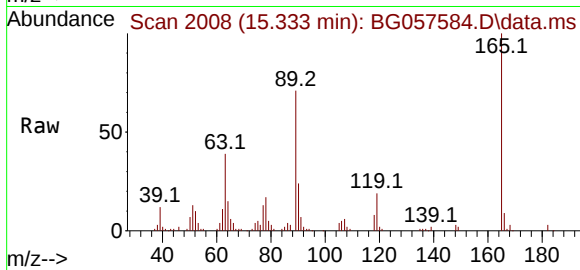




#57
2,4-Dinitrotoluene
Concen: 51.904 ng
RT: 15.333 min Scan# 2010
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

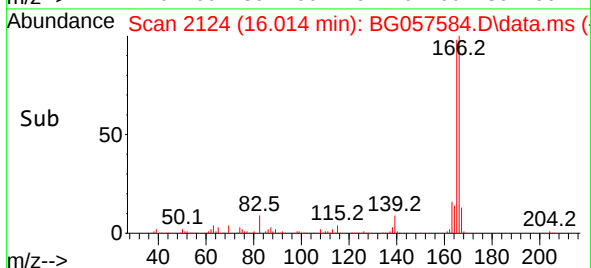
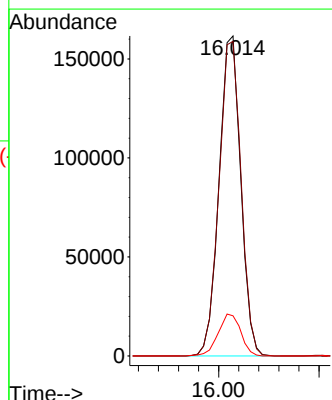
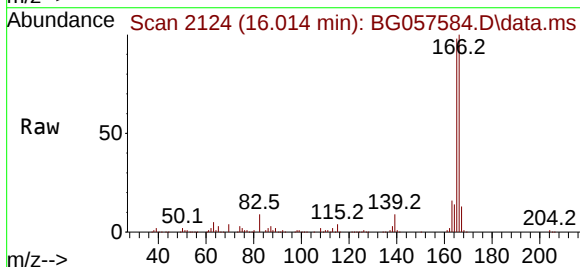
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

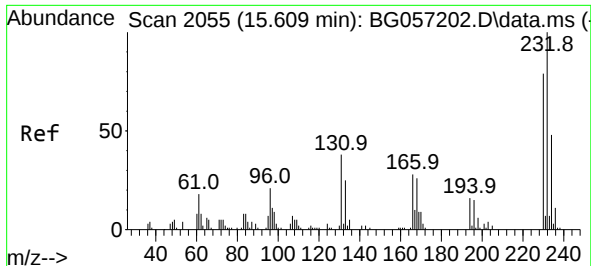
Tgt Ion:165 Resp: 80269
Ion Ratio Lower Upper
165 100
63 39.2 37.5 56.3
89 70.6 60.2 90.4
182 2.7 1.8 2.8



#58
Fluorene
Concen: 48.379 ng
RT: 16.014 min Scan# 2124
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:166 Resp: 241897
Ion Ratio Lower Upper
166 100
165 98.3 80.1 120.1
167 12.5 10.2 15.2

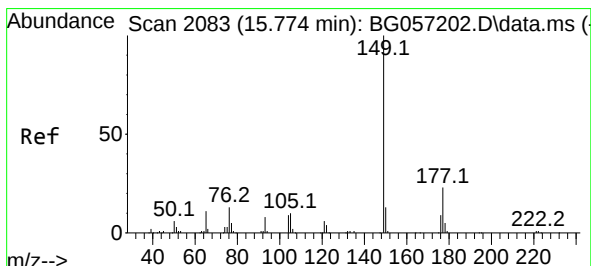
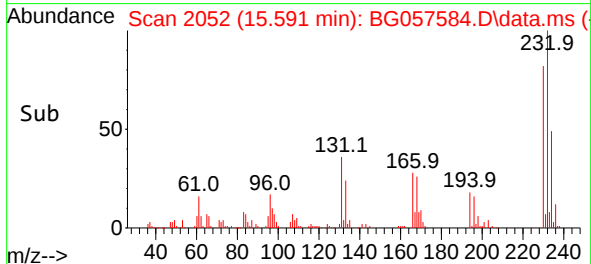
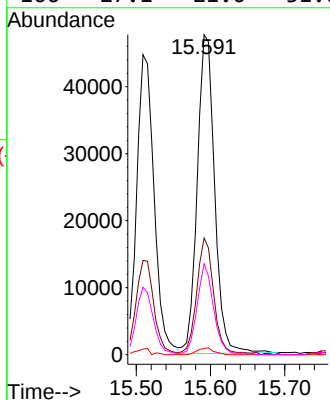
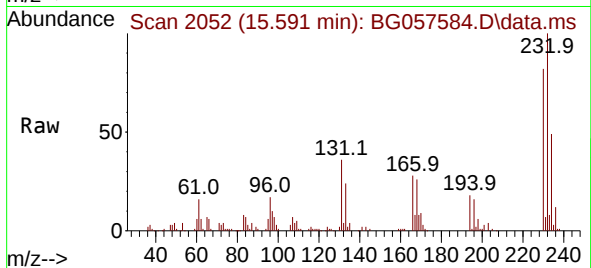




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.132 ng
RT: 15.591 min Scan# 2052
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

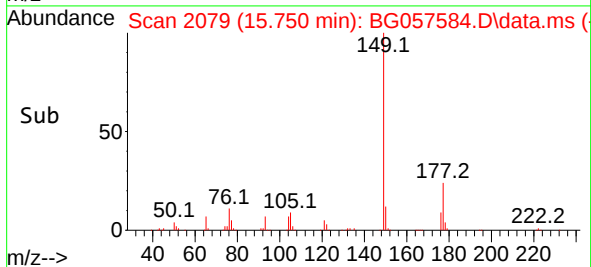
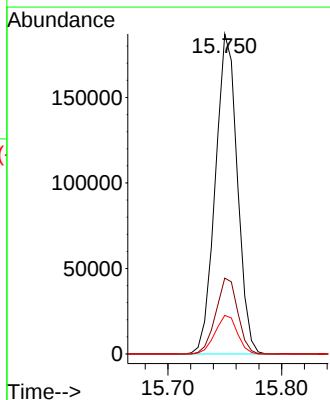
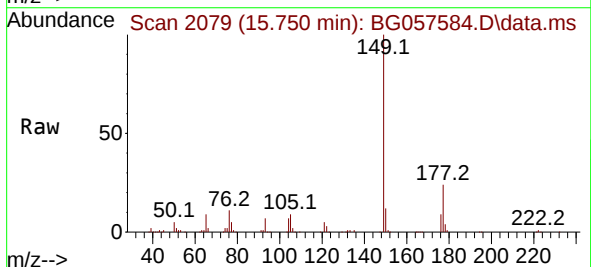
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

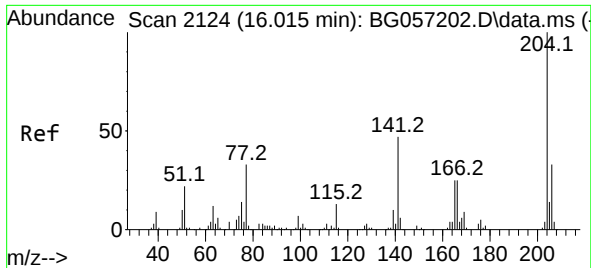
Tgt Ion:232 Resp: 77551
Ion Ratio Lower Upper
232 100
131 36.5 28.6 42.8
130 2.0 1.6 2.4
166 27.1 21.0 31.6



#60
Diethylphthalate
Concen: 46.714 ng
RT: 15.750 min Scan# 2079
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:149 Resp: 251424
Ion Ratio Lower Upper
149 100
177 23.7 18.3 27.5
150 12.0 10.1 15.1

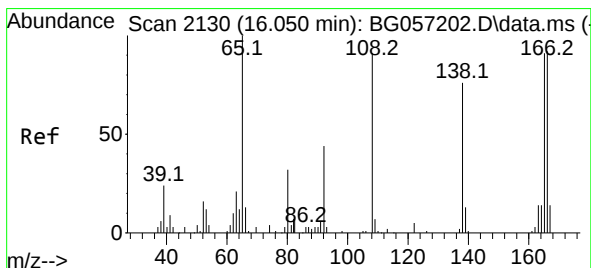
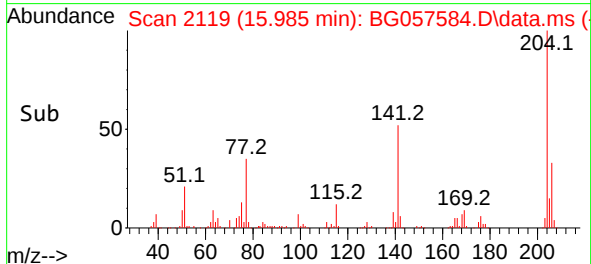
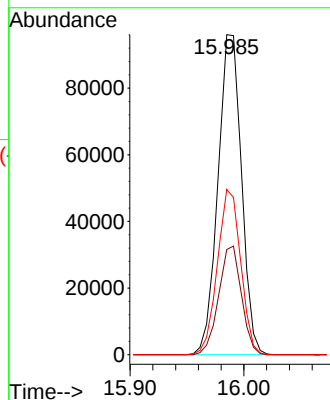
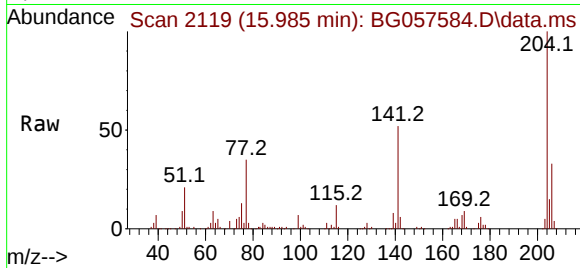




#61
4-Chlorophenyl-phenylether
Concen: 45.853 ng
RT: 15.985 min Scan# 2119
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

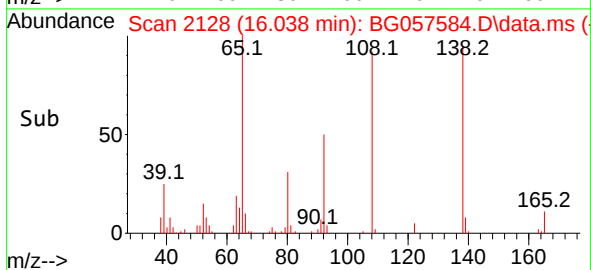
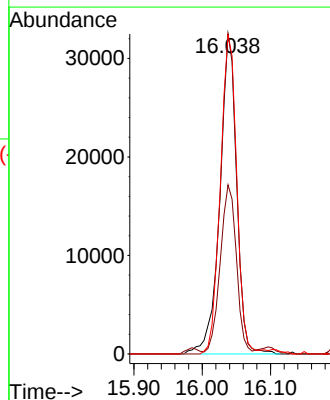
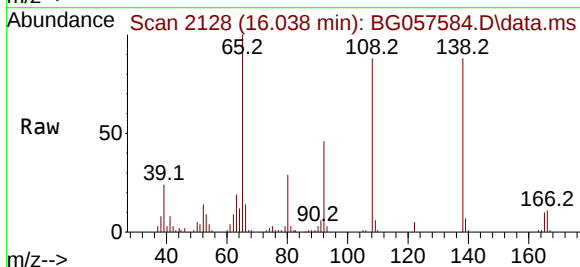
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

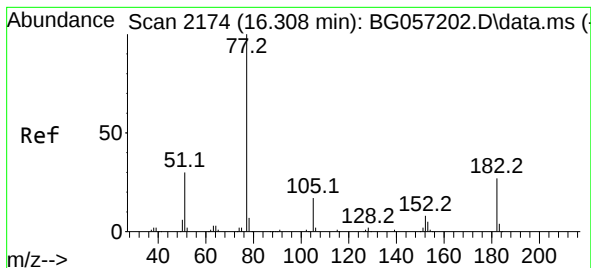
Tgt Ion:204 Resp: 138115
Ion Ratio Lower Upper
204 100
206 32.8 26.5 39.7
141 51.7 37.4 56.0



#62
4-Nitroaniline
Concen: 51.014 ng
RT: 16.038 min Scan# 2128
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:138 Resp: 55790
Ion Ratio Lower Upper
138 100
92 52.8 38.2 78.2
108 99.8 99.6 139.6





#63

Azobenzene

Concen: 44.052 ng

RT: 16.284 min Scan# 2174

Delta R.T. 0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

Tgt Ion: 77 Resp: 228763

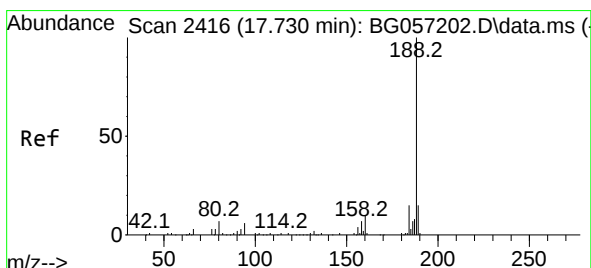
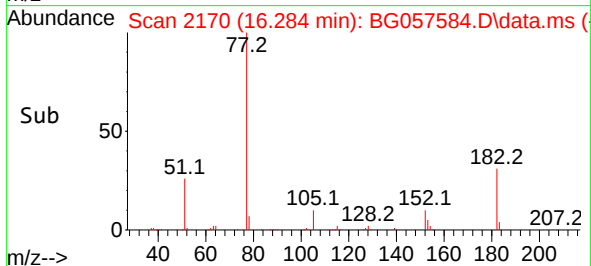
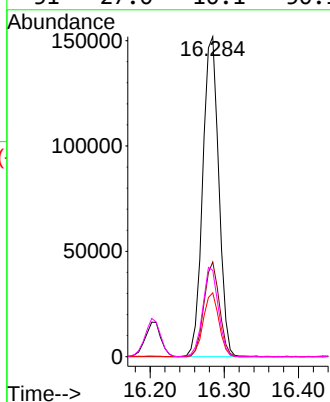
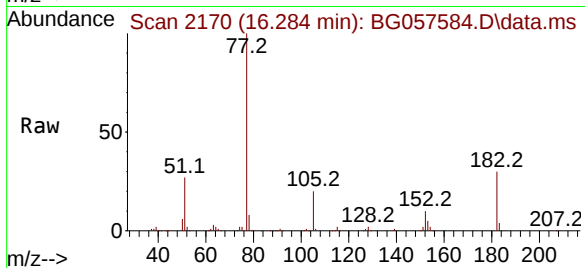
Ion Ratio Lower Upper

77 100

182 29.6 7.4 47.4

105 19.9 0.0 37.2

51 27.0 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: BG057584.D

Acq: 26 May 2023 13:57

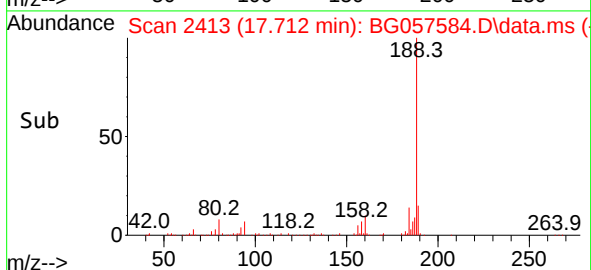
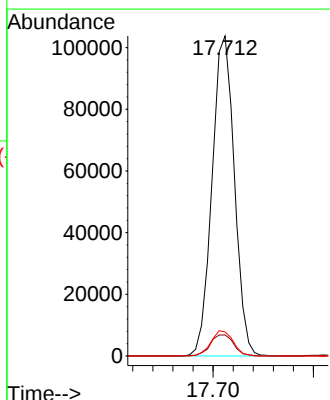
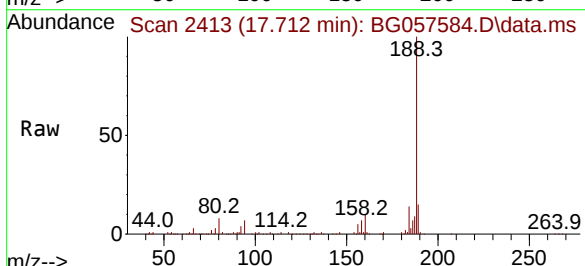
Tgt Ion:188 Resp: 160311

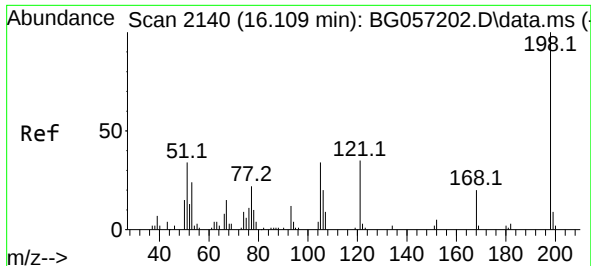
Ion Ratio Lower Upper

188 100

94 6.6 5.1 7.7

80 7.5 5.7 8.5

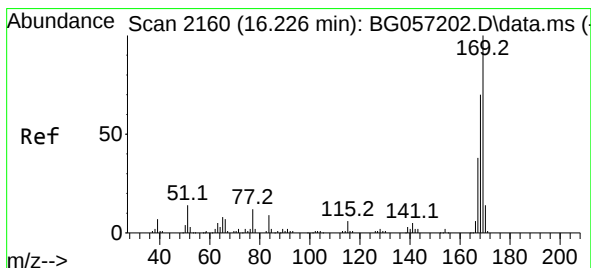
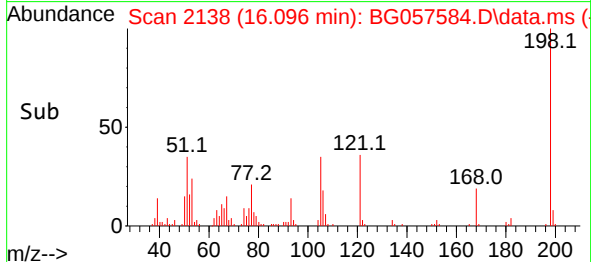
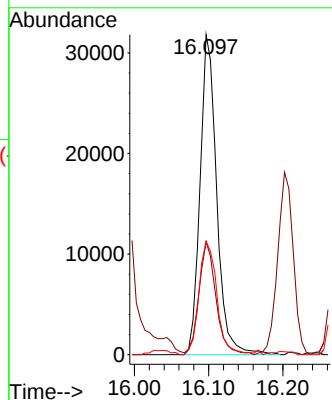
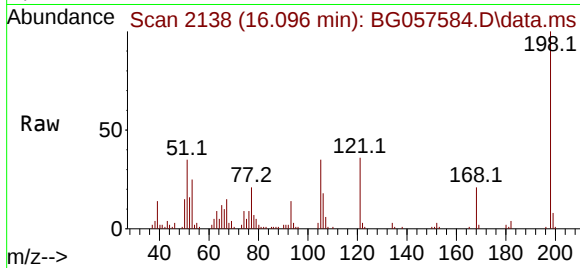




#65
4,6-Dinitro-2-methylphenol
Concen: 51.688 ng
RT: 16.096 min Scan# 2140
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

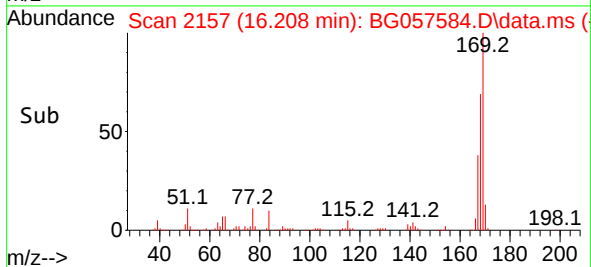
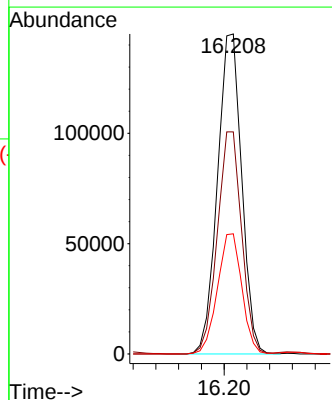
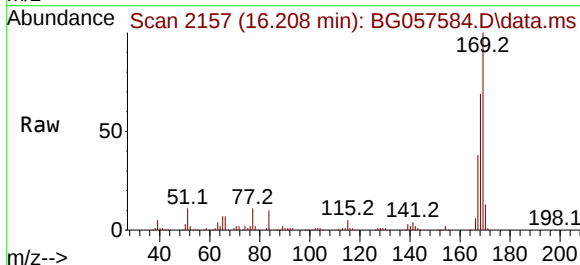
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

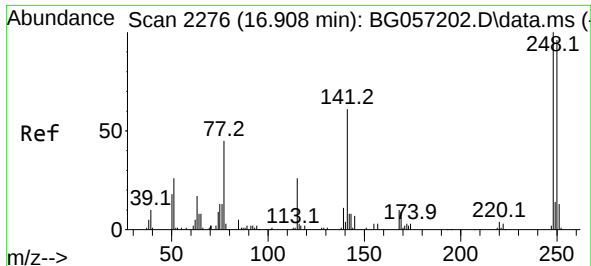
Tgt Ion:198 Resp: 49471
Ion Ratio Lower Upper
198 100
51 35.2 16.1 56.1
105 35.5 14.0 54.0



#66
n-Nitrosodiphenylamine
Concen: 49.304 ng
RT: 16.208 min Scan# 2157
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:169 Resp: 214672
Ion Ratio Lower Upper
169 100
168 69.4 56.2 84.4
167 37.6 30.2 45.4

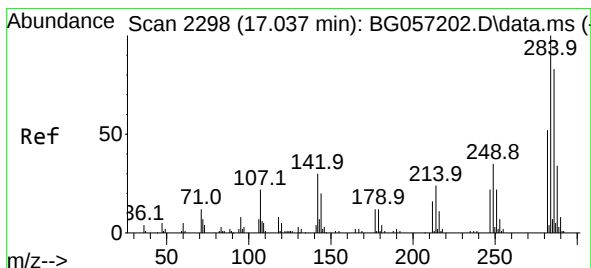
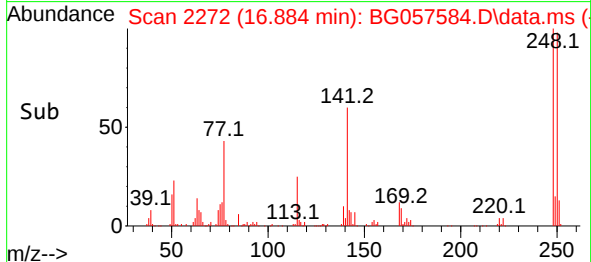
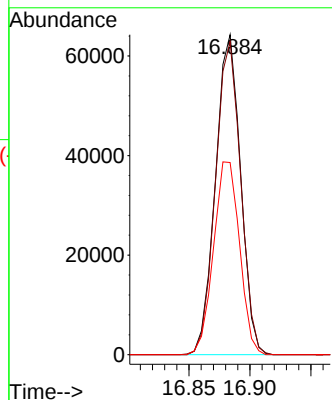
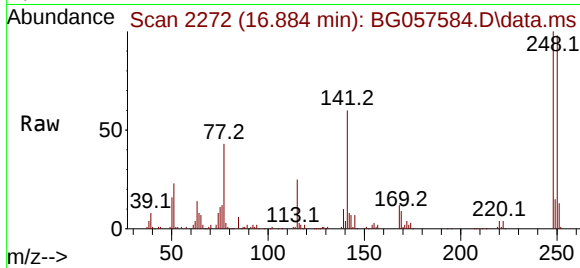




#67
4-Bromophenyl-phenylether
Concen: 47.106 ng
RT: 16.884 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

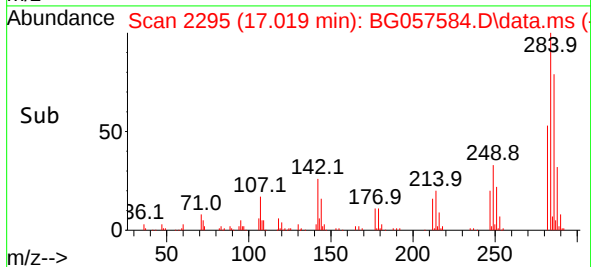
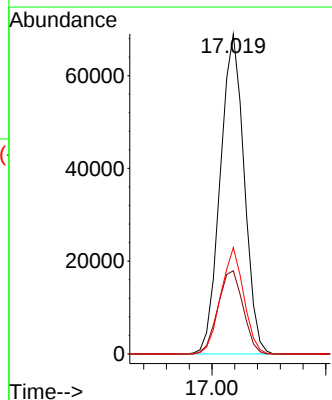
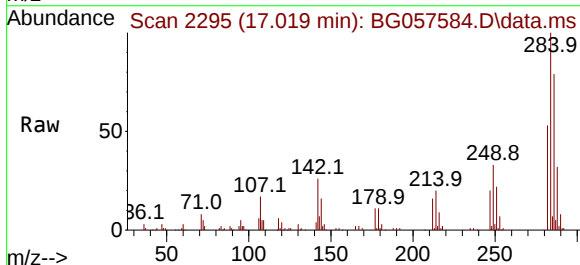
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

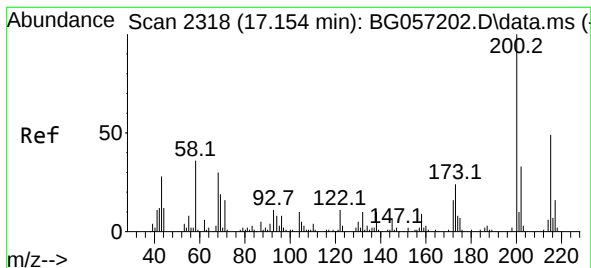
Tgt Ion:248 Resp: 92186
Ion Ratio Lower Upper
248 100
250 97.8 77.0 115.6
141 60.1 48.6 72.8



#68
Hexachlorobenzene
Concen: 53.007 ng
RT: 17.019 min Scan# 2295
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:284 Resp: 100806
Ion Ratio Lower Upper
284 100
142 26.0 23.9 35.9
249 33.3 27.7 41.5





#69

Atrazine

Concen: 58.883 ng

RT: 17.136 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

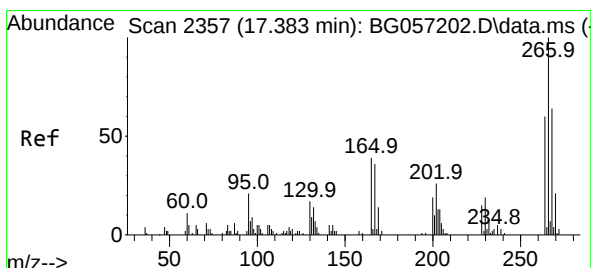
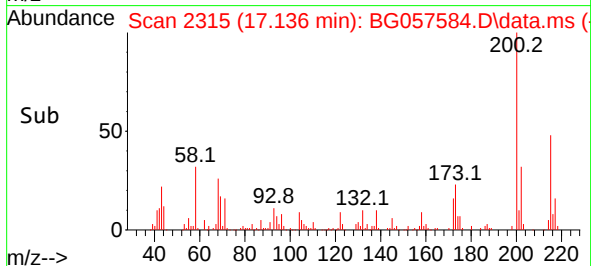
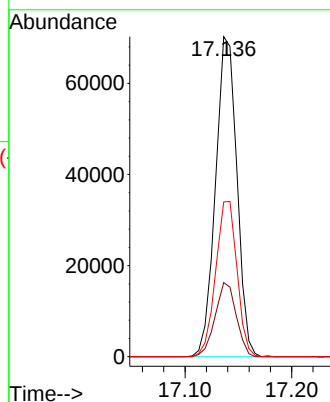
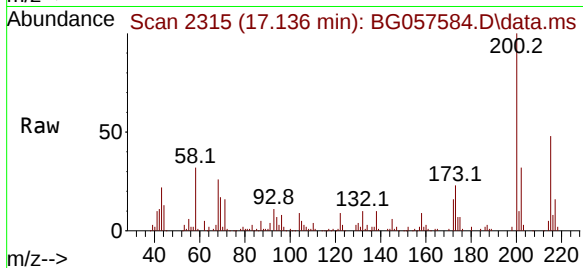
Tgt Ion:200 Resp: 97801

Ion Ratio Lower Upper

200 100

173 23.2 4.3 44.3

215 48.3 29.3 69.3



#70

Pentachlorophenol

Concen: 85.285 ng

RT: 17.365 min Scan# 2354

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

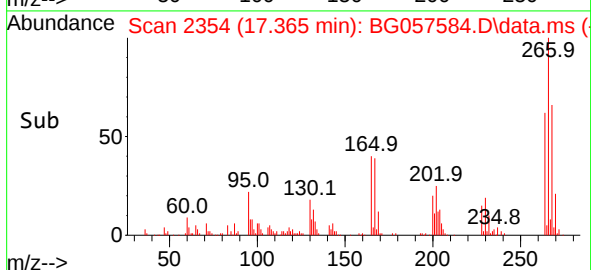
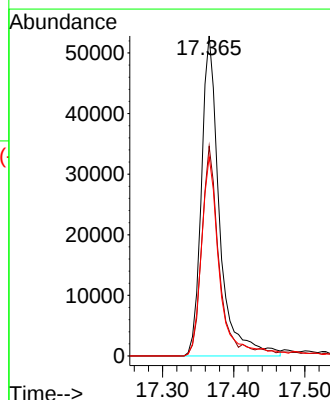
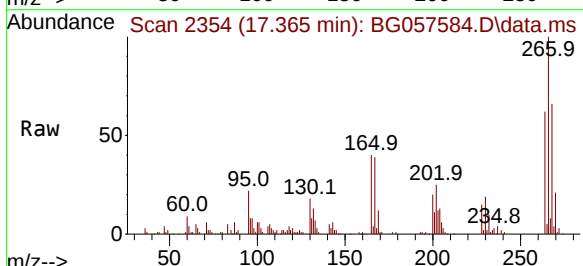
Tgt Ion:266 Resp: 93473

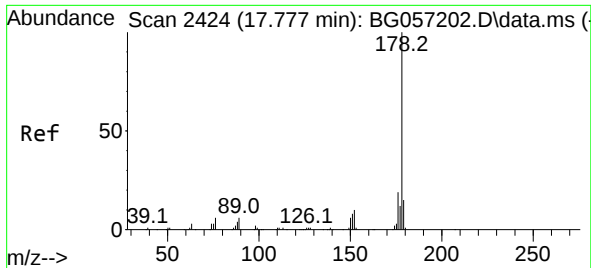
Ion Ratio Lower Upper

266 100

268 65.6 51.0 76.6

264 62.2 47.8 71.6

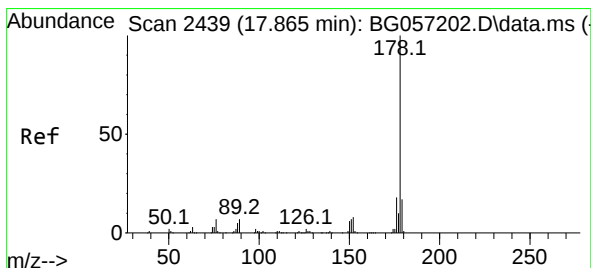
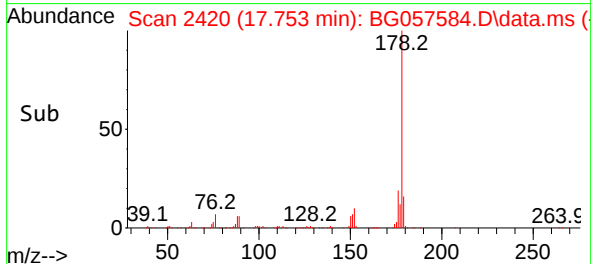
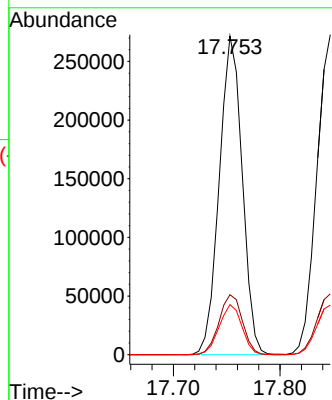
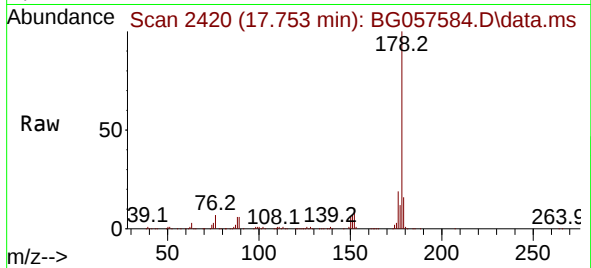




#71
Phenanthrene
Concen: 49.347 ng
RT: 17.753 min Scan# 2424
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

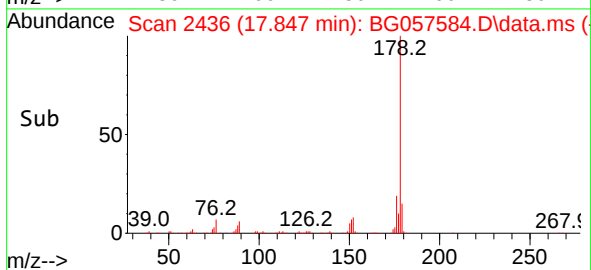
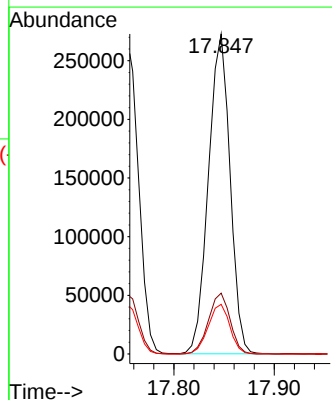
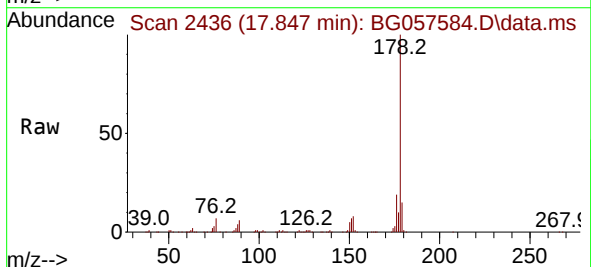
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

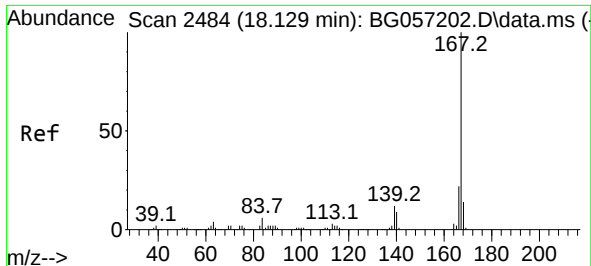
Tgt Ion:178 Resp: 405370
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.2
179 15.7 12.3 18.5



#72
Anthracene
Concen: 48.482 ng
RT: 17.847 min Scan# 2436
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

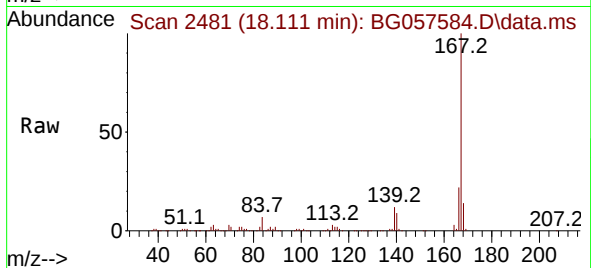
Tgt Ion:178 Resp: 408648
Ion Ratio Lower Upper
178 100
176 19.0 14.7 22.1
179 15.5 13.2 19.8



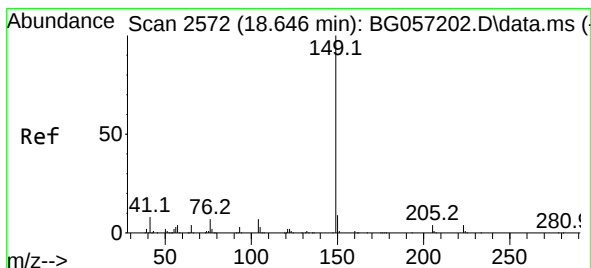
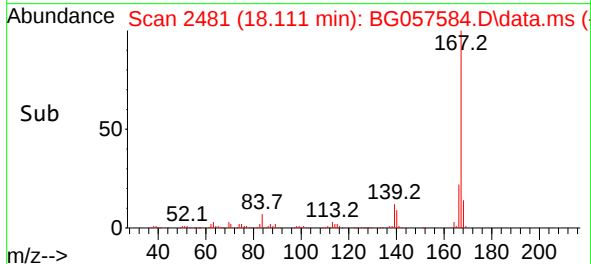
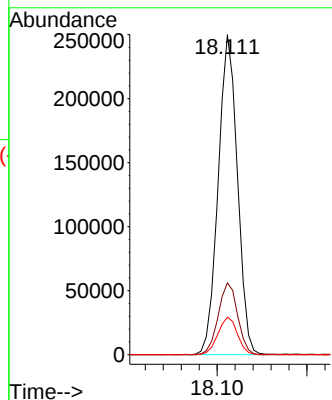


#73
Carbazole
Concen: 52.335 ng
RT: 18.111 min Scan# 2481
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Instrument :
BNA_G
ClientSampleId :
TP-70AMS

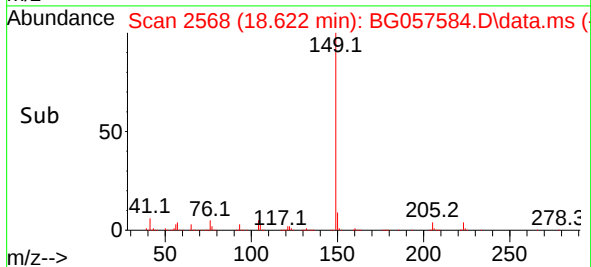
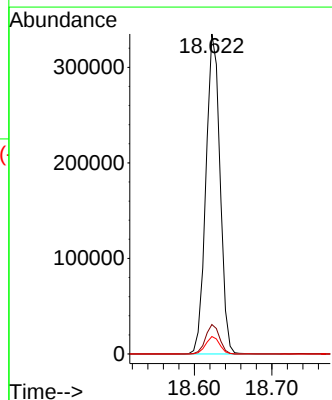
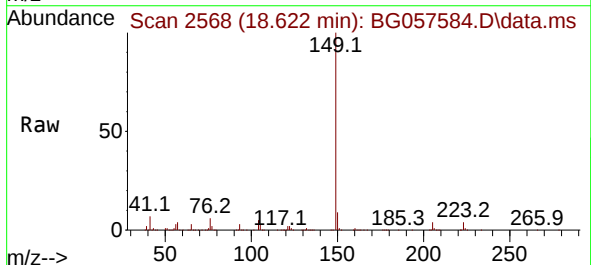


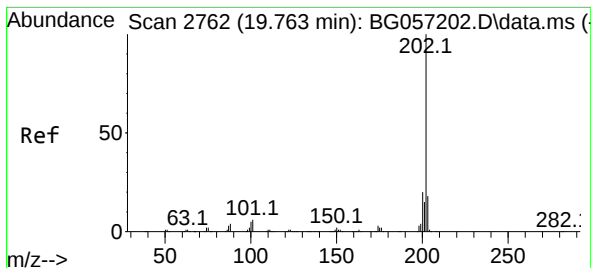
Tgt Ion:167 Resp: 371372
Ion Ratio Lower Upper
167 100
166 22.4 17.4 26.0
139 11.7 9.6 14.4



#74
Di-n-butylphthalate
Concen: 51.712 ng
RT: 18.622 min Scan# 2568
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:149 Resp: 422198
Ion Ratio Lower Upper
149 100
150 9.2 7.3 10.9
104 5.4 5.4 8.2#





#75

Fluoranthene

Concen: 46.928 ng

RT: 19.744 min Scan# 21

Delta R.T. 0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

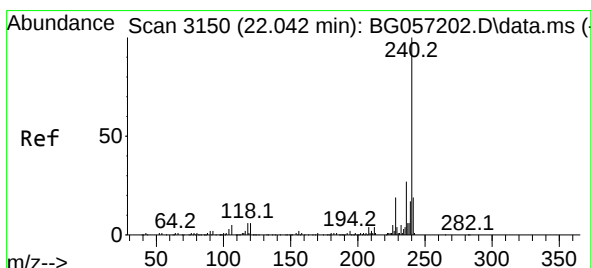
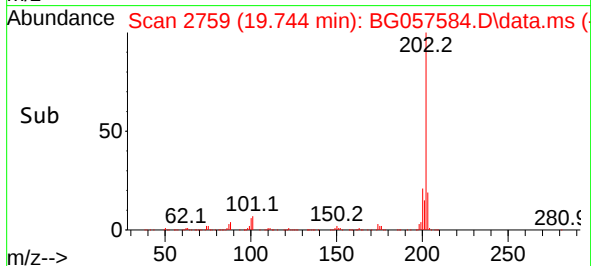
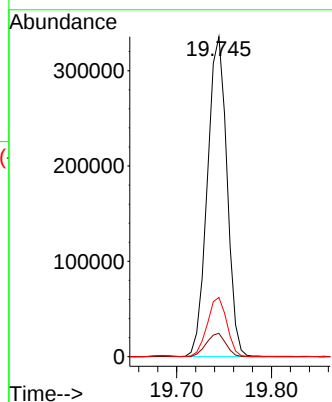
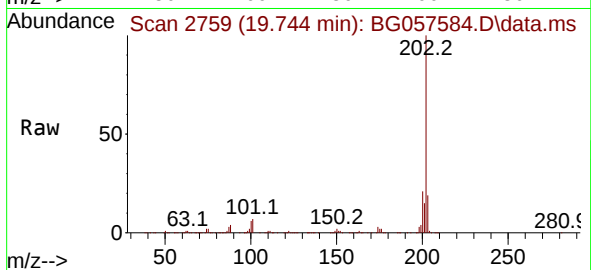
Tgt Ion:202 Resp: 479452

Ion Ratio Lower Upper

202 100

101 7.3 0.0 26.2

203 18.5 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.018 min Scan# 3146

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

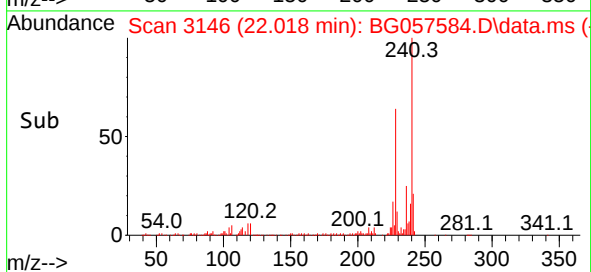
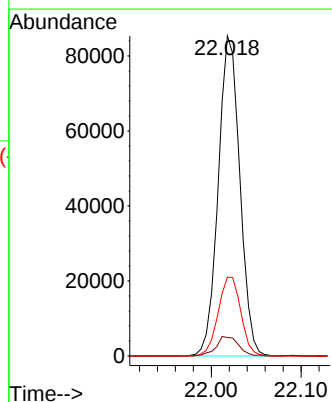
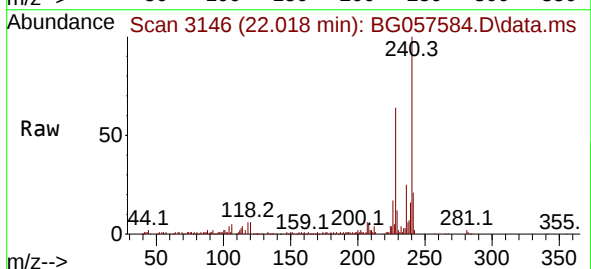
Tgt Ion:240 Resp: 142517

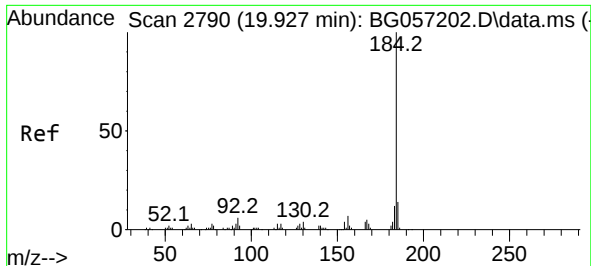
Ion Ratio Lower Upper

240 100

120 5.8 4.9 7.3

236 24.6 21.4 32.2

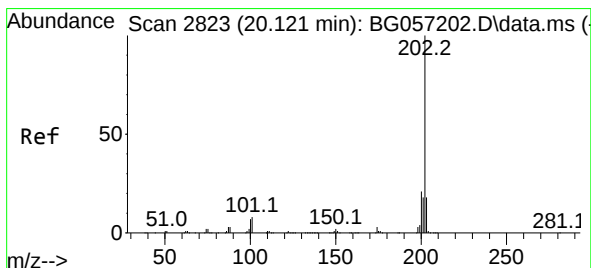
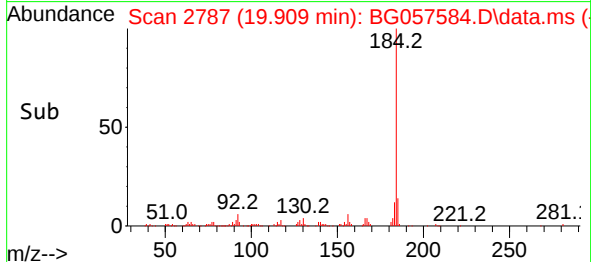
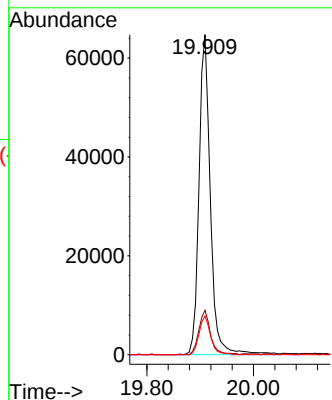
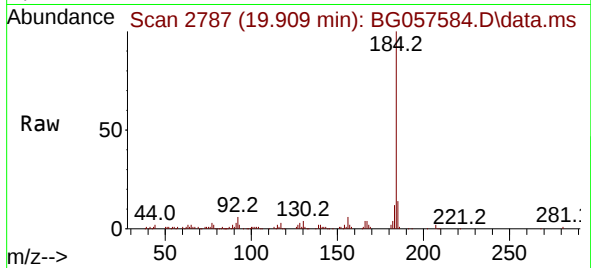




#77
Benzidine
Concen: 30.086 ng
RT: 19.909 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

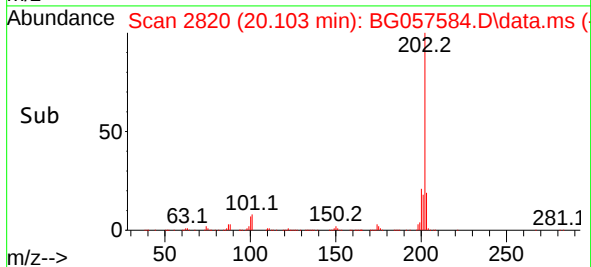
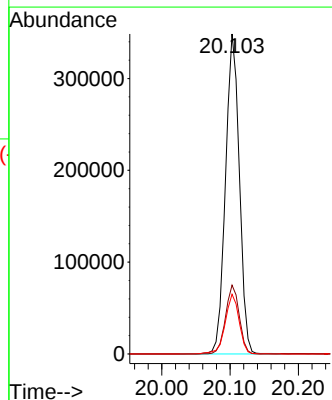
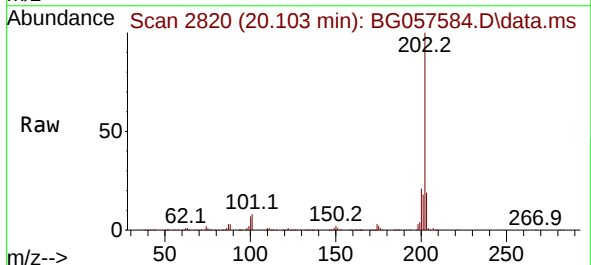
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

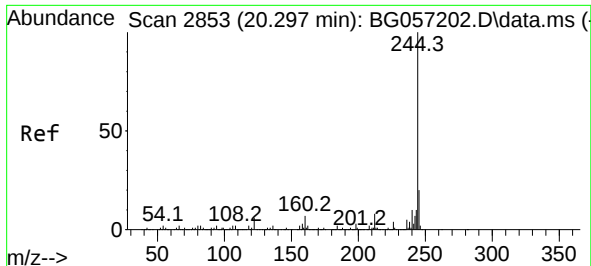
Tgt Ion:184 Resp: 95858
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 12.1 9.9 14.9



#78
Pyrene
Concen: 47.562 ng
RT: 20.103 min Scan# 2820
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:202 Resp: 492560
Ion Ratio Lower Upper
202 100
200 21.5 17.0 25.4
203 18.6 14.2 21.4

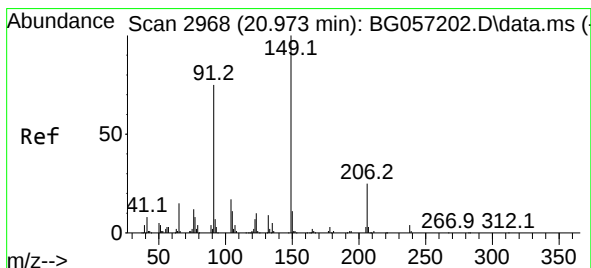
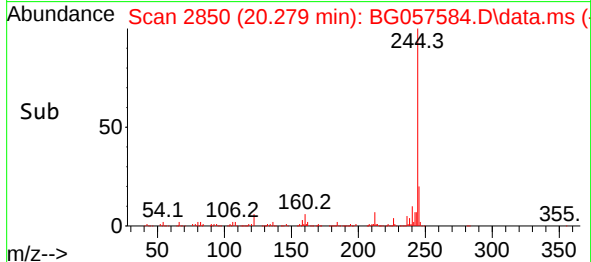
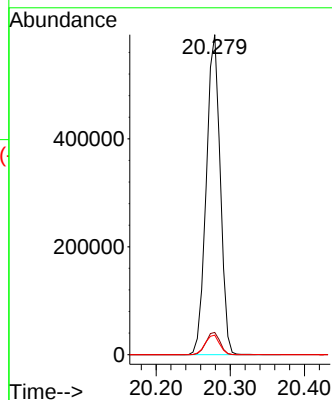
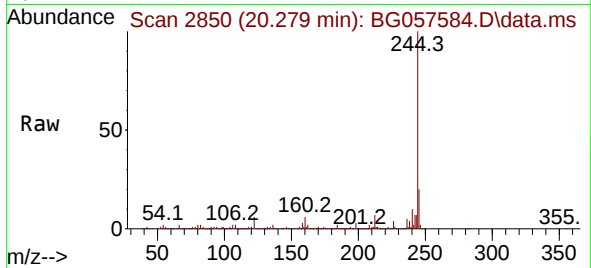




#79
 Terphenyl-d14
 Concen: 88.587 ng
 RT: 20.279 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG057584.D
 Acq: 26 May 2023 13:57

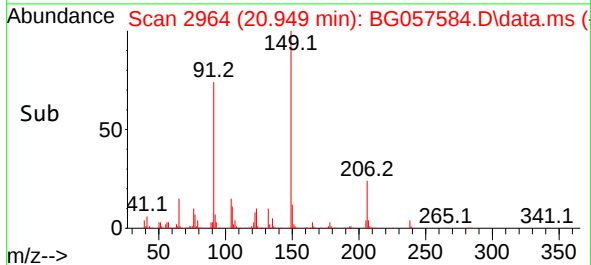
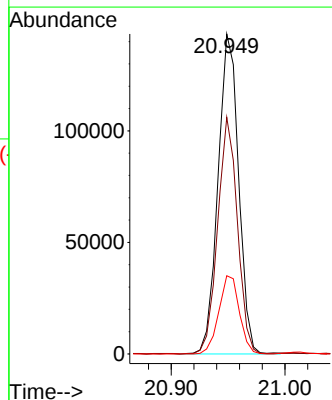
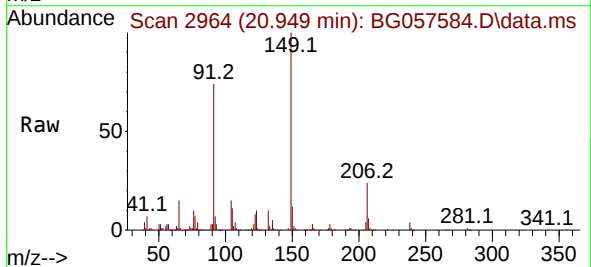
Instrument :
 BNA_G
 ClientSampleId :
 TP-70AMS

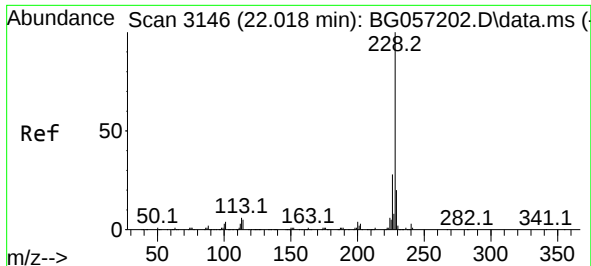
Tgt Ion:244 Resp: 773641
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.1 9.1
 122 6.1 5.1 7.7



#80
 Butylbenzylphthalate
 Concen: 54.935 ng
 RT: 20.949 min Scan# 2964
 Delta R.T. -0.003 min
 Lab File: BG057584.D
 Acq: 26 May 2023 13:57

Tgt Ion:149 Resp: 180513
 Ion Ratio Lower Upper
 149 100
 91 74.0 59.7 89.5
 206 24.5 19.7 29.5

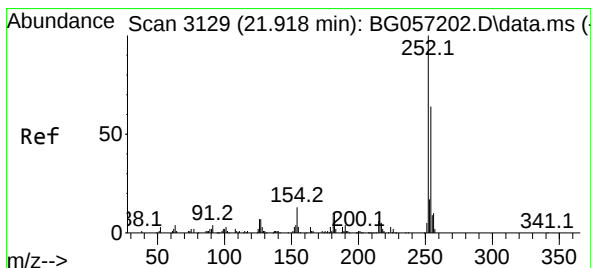
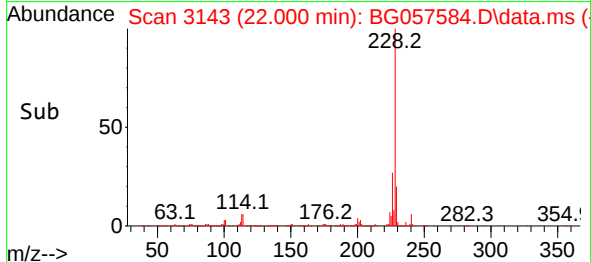
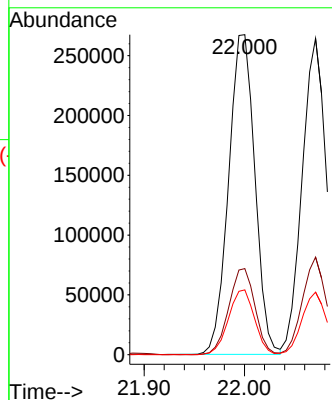
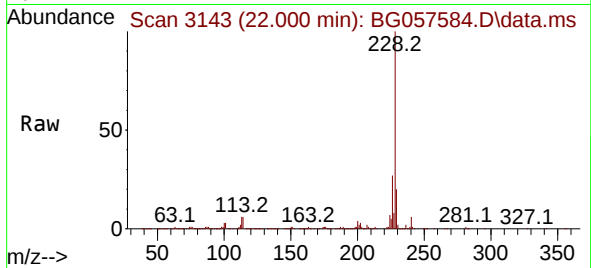




#81
Benzo(a)anthracene
Concen: 48.002 ng
RT: 22.000 min Scan# 3146
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

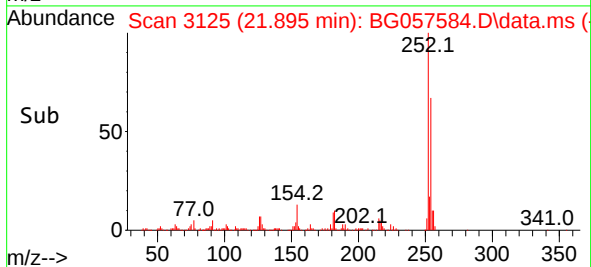
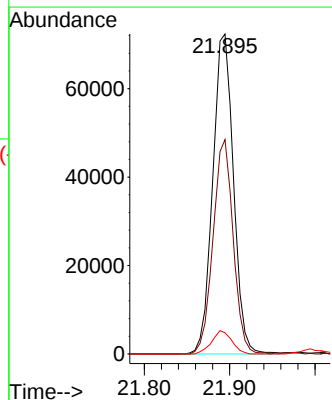
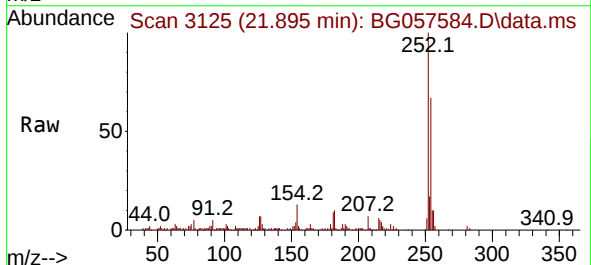
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

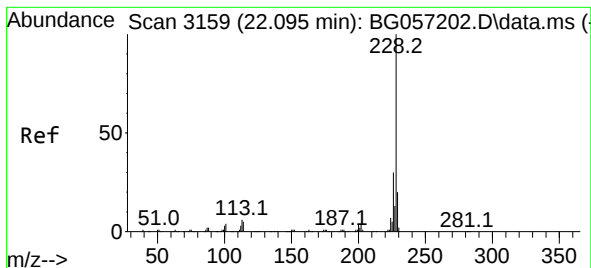
Tgt Ion:228 Resp: 487405
Ion Ratio Lower Upper
228 100
226 26.9 22.0 33.0
229 20.2 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 37.552 ng
RT: 21.895 min Scan# 3125
Delta R.T. -0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:252 Resp: 122130
Ion Ratio Lower Upper
252 100
254 67.0 51.4 77.0
126 6.6 5.9 8.9





#83

Chrysene

Concen: 46.623 ng

RT: 22.071 min Scan# 3115

Delta R.T. 0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

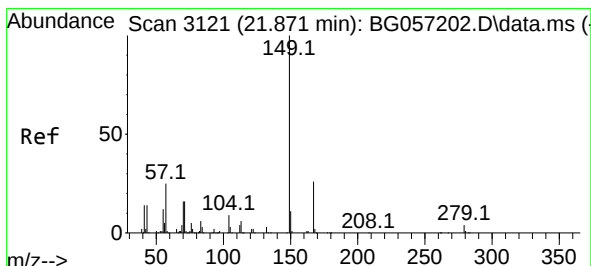
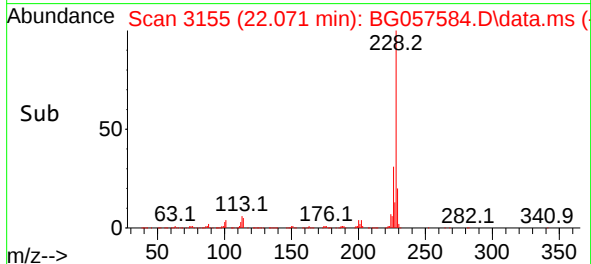
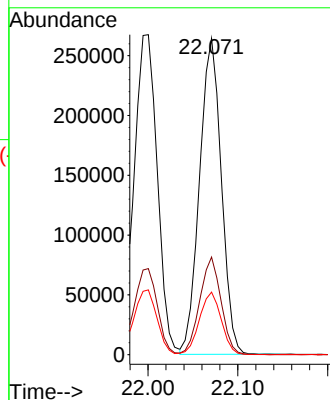
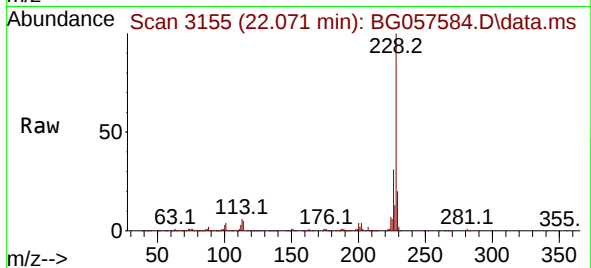
Tgt Ion:228 Resp: 445416

Ion Ratio Lower Upper

228 100

226 30.9 24.3 36.5

229 19.8 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.515 ng

RT: 21.836 min Scan# 3115

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

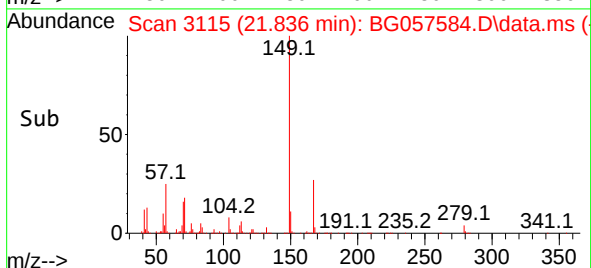
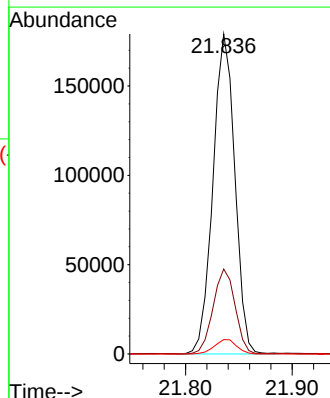
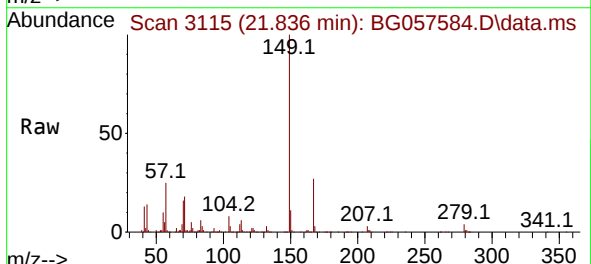
Tgt Ion:149 Resp: 255316

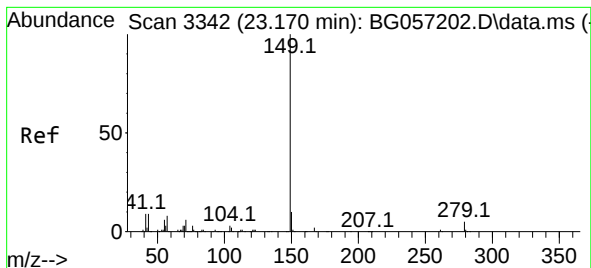
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 52.741 ng

RT: 23.128 min Scan# 31

Delta R.T. -0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

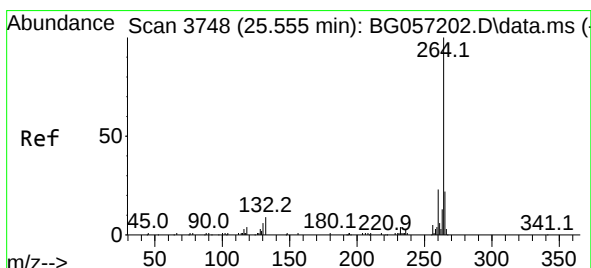
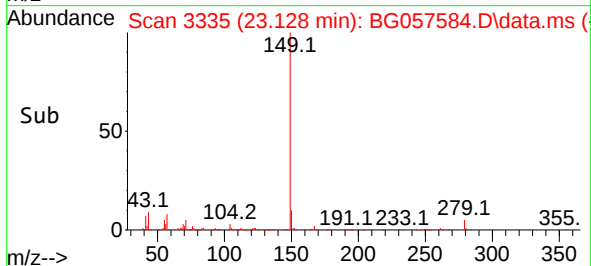
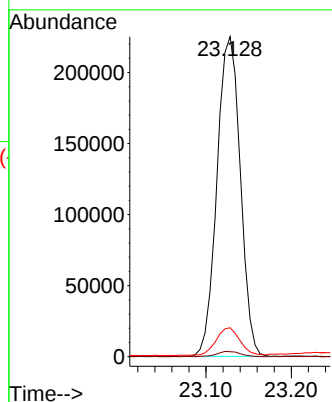
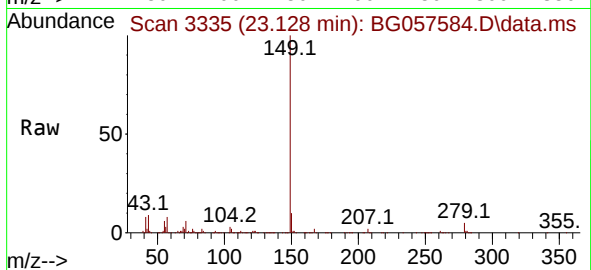
Tgt Ion:149 Resp: 427477

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 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: BG057584.D

Acq: 26 May 2023 13:57

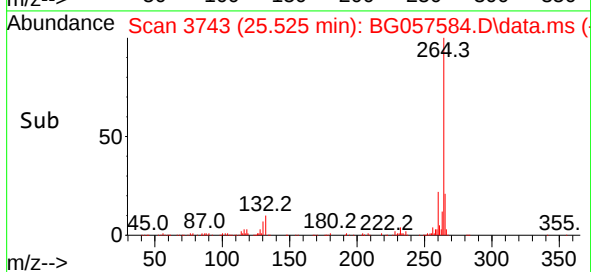
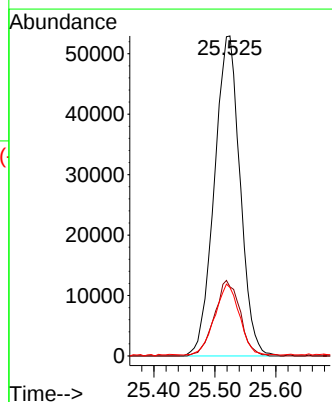
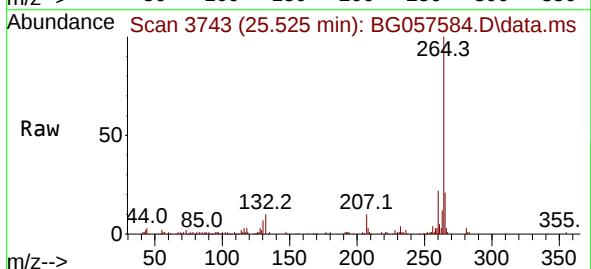
Tgt Ion:264 Resp: 155012

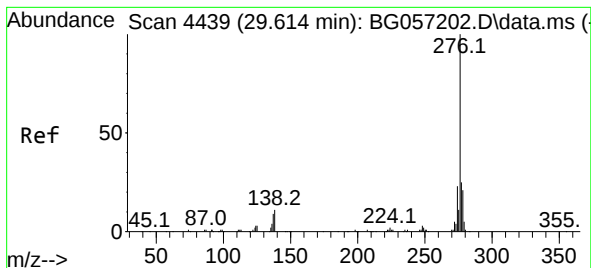
Ion Ratio Lower Upper

264 100

260 21.6 18.8 28.2

265 21.4 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.511 ng

RT: 29.590 min Scan# 4435

Delta R.T. 0.009 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

Instrument :

BNA_G

ClientSampleId :

TP-70AMS

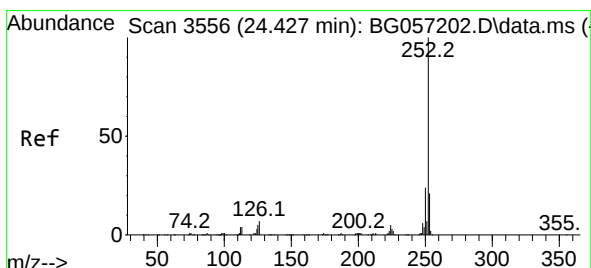
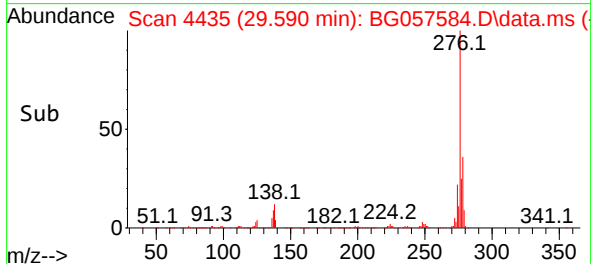
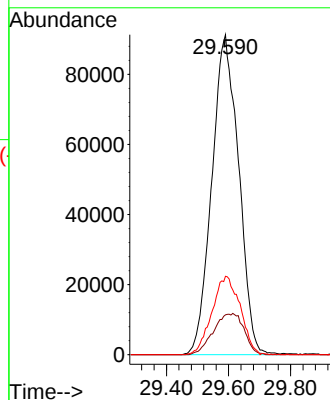
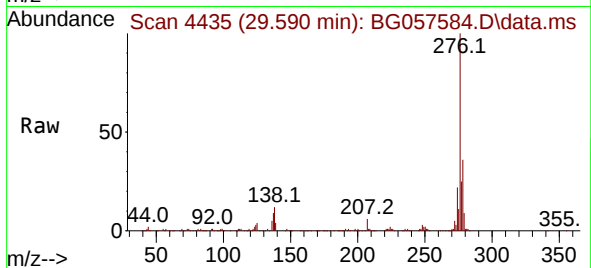
Tgt Ion:276 Resp: 548052

Ion Ratio Lower Upper

276 100

138 8.7 5.4 8.0#

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 48.932 ng

RT: 24.403 min Scan# 3552

Delta R.T. 0.003 min

Lab File: BG057584.D

Acq: 26 May 2023 13:57

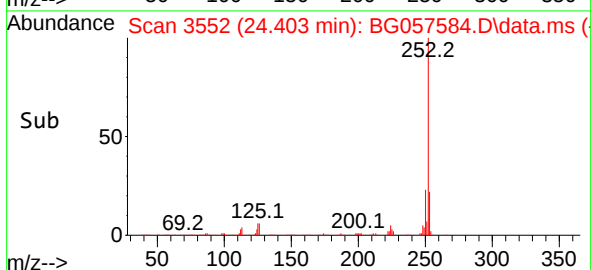
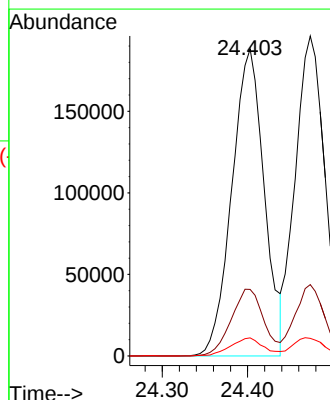
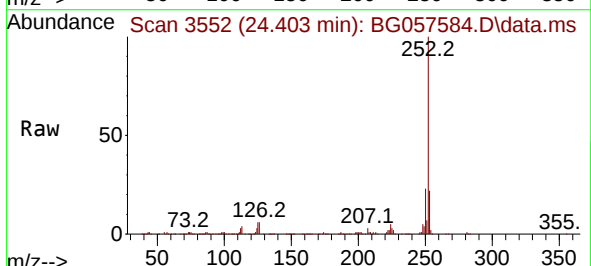
Tgt Ion:252 Resp: 495832

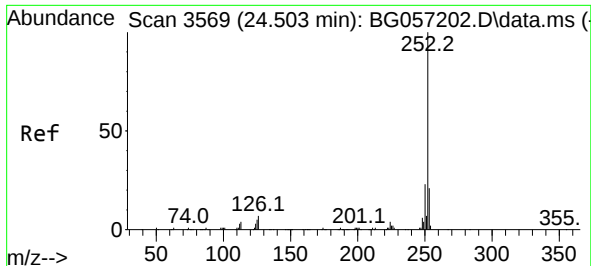
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 5.9 4.2 6.2

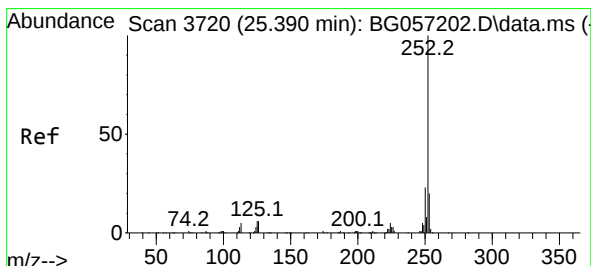
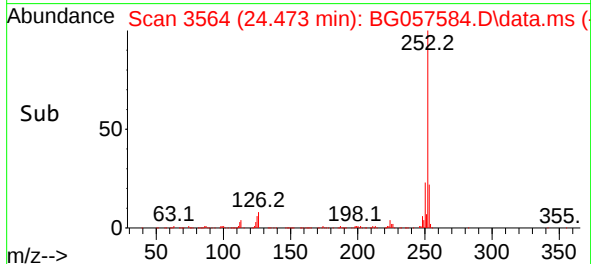
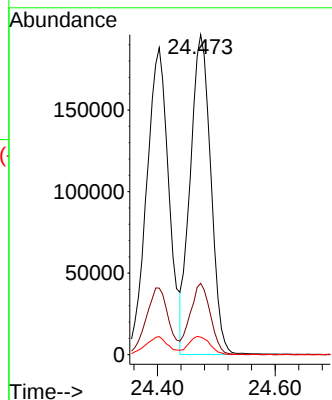
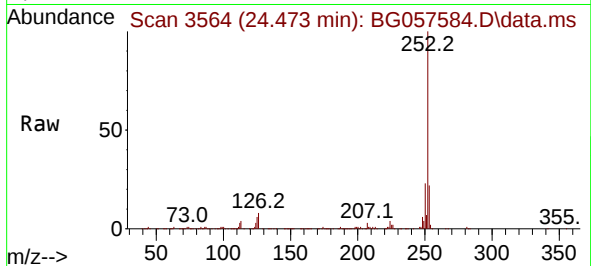




#89
Benzo(k)fluoranthene
Concen: 45.932 ng
RT: 24.473 min Scan# 311
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

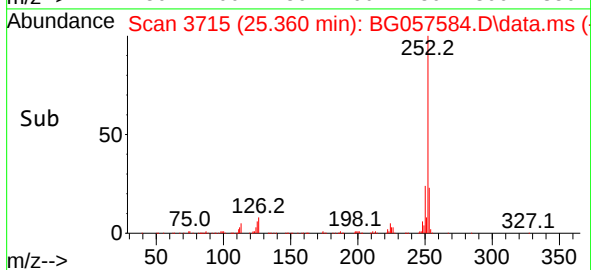
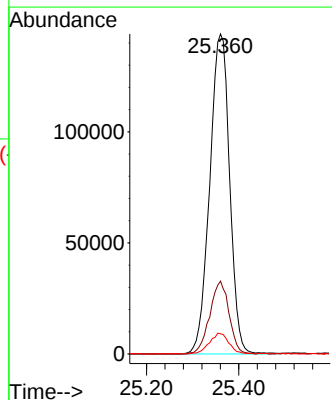
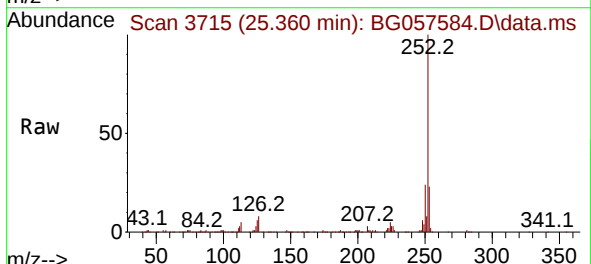
Instrument :
BNA_G
ClientSampleId :
TP-70AMS

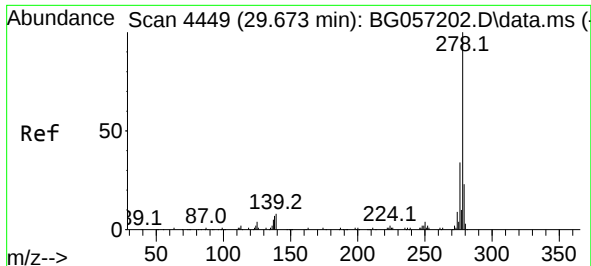
Tgt Ion:252 Resp: 472957
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 5.5 4.1 6.1



#90
Benzo(a)pyrene
Concen: 43.571 ng
RT: 25.360 min Scan# 3715
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:252 Resp: 431335
Ion Ratio Lower Upper
252 100
253 22.8 16.3 24.5
125 6.3 5.0 7.4

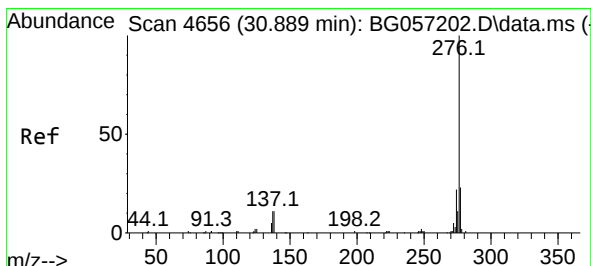
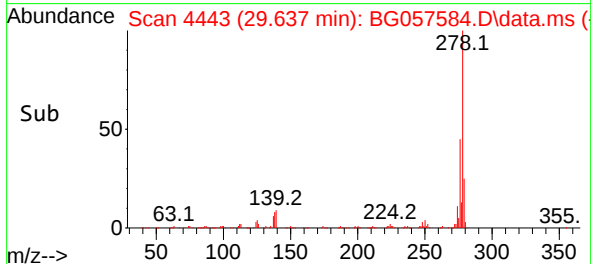
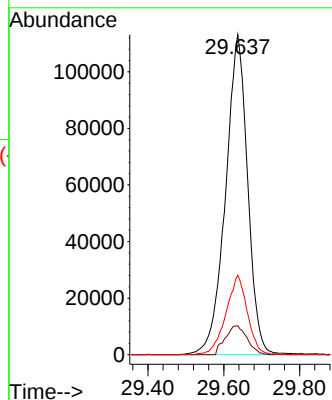
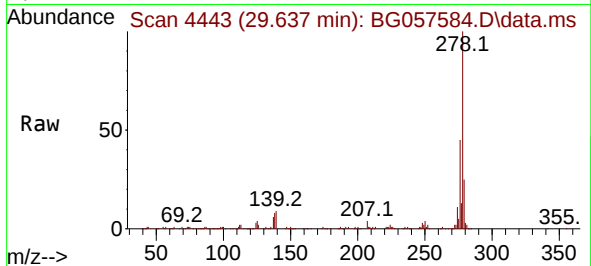




#91
Dibenzo(a,h)anthracene
Concen: 48.595 ng
RT: 29.637 min Scan# 4443
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Instrument :
BNA_G
ClientSampleId :
TP-70AMS

Tgt Ion:278 Resp: 457209
Ion Ratio Lower Upper
278 100
139 9.1 6.2 9.2
279 24.8 18.6 27.8



#92
Benzo(g,h,i)perylene
Concen: 48.577 ng
RT: 30.859 min Scan# 4651
Delta R.T. 0.003 min
Lab File: BG057584.D
Acq: 26 May 2023 13:57

Tgt Ion:276 Resp: 446262
Ion Ratio Lower Upper
276 100
277 23.6 18.4 27.6
138 12.6 9.0 13.4

