

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
 Data File : BG057772.D
 Acq On : 20 Jun 2023 12:06
 Operator : CG/JU
 Sample : 03289-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

Quant Time: Jun 20 12:58:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.923	152	31248	20.000	ng	0.00
21) Naphthalene-d8	10.725	136	130749	20.000	ng	0.00
39) Acenaphthene-d10	14.556	164	92753	20.000	ng	0.00
64) Phenanthrene-d10	17.300	188	227924	20.000	ng	0.00
76) Chrysene-d12	21.554	240	191838	20.000	ng	0.00
86) Perylene-d12	24.709	264	237031	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.496	112	171306	84.530	ng	0.00
7) Phenol-d6	7.083	99	251181	81.229	ng	0.00
23) Nitrobenzene-d5	9.080	82	149494	58.682	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	105742	81.841	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	342277	55.971	ng	0.00
79) Terphenyl-d14	19.920	244	592374	57.579	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	238	0.258	ng	# 16
4) n-Nitrosodimethylamine	3.704	42	367	0.286	ng	# 1
9) Benzaldehyde	7.065	77	348	0.179	ng	# 4
10) Phenol	7.106	94	58	0.019	ng	# 1
15) Benzyl Alcohol	7.917	79	824	0.348	ng	# 38
16) 2,2'-oxybis(1-Chloropr...	8.510	45	66	0.015	ng	# 74
19) n-Nitroso-di-n-propyla...	9.080	70	18957	8.793	ng	# 82
20) 3+4-Methylphenols	8.687	107	54	0.017	ng	# 21
24) Nitrobenzene	9.080	77	312	0.118	ng	# 44
25) Isophorone	9.157	82	75	0.013	ng	# 71
31) Naphthalene	10.778	128	2733	0.393	ng	# 86
33) 4-Chloroaniline	10.772	127	393	0.122	ng	# 50
37) 2-Methylnaphthalene	12.388	142	800	0.158	ng	# 67
38) 1-Methylnaphthalene	12.605	142	1031	0.215	ng	# 91
46) 1,1'-Biphenyl	13.393	154	462	0.073	ng	# 44
48) 2-Nitroaniline	13.587	65	53	0.030	ng	# 12
49) Acenaphthylene	14.280	152	7620	0.907	ng	# 94
51) 2,6-Dinitrotoluene	14.556	165	12274	9.356	ng	# 18
52) Acenaphthene	14.621	154	6524	1.255	ng	# 94
55) Dibenzofuran	14.956	168	4970	0.595	ng	# 86
56) 4-Nitrophenol	14.956	139	1840	1.566	ng	# 1
57) 2,4-Dinitrotoluene	14.556	165	12274	6.899	ng	# 18
58) Fluorene	15.602	166	8773	1.326	ng	# 92
60) Diethylphthalate	15.373	149	170	0.023	ng	# 60
62) 4-Nitroaniline	15.749	138	56	0.037	ng	# 14
63) Azobenzene	15.913	77	30084	4.024	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.043	198	112	5.407	ng	# 93
66) n-Nitrosodiphenylamine	15.813	169	458	0.076	ng	# 1
67) 4-Bromophenyl-phenylether	16.043	248	6402	2.649	ng	# 1
71) Phenanthrene	17.341	178	225446	20.429	ng	# 99
72) Anthracene	17.435	178	45757	4.060	ng	# 98
73) Carbazole	17.699	167	22674	2.182	ng	# 97
74) Di-n-butylphthalate	18.269	149	4295	0.349	ng	# 90
75) Fluoranthene	19.356	202	495967	37.725	ng	# 99
77) Benzidine	19.920	184	8317	1.850	ng	# 91
78) Pyrene	19.715	202	465623	34.025	ng	# 99

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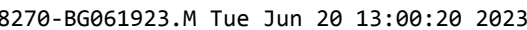
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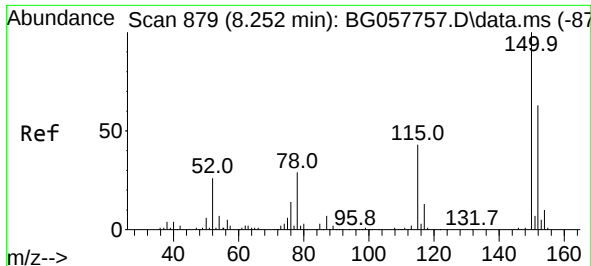
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

80) Butylbenzylphthalate	20.608	149	1110	0.213	ng	# 71
81) Benzo(a)anthracene	21.536	228	270191	20.528	ng	100
82) 3,3'-Dichlorobenzidine	21.425	252	158	0.035	ng	# 11
83) Chrysene	21.601	228	246744	19.534	ng	97
84) Bis(2-ethylhexyl)phtha...	21.454	149	4564	0.604	ng	# 70
85) Di-n-octyl phthalate	22.641	149	656	0.049	ng	# 1
87) Indeno(1,2,3-cd)pyrene	28.293	276	187115	12.074	ng	# 95
88) Benzo(b)fluoranthene	23.710	252	355056	27.335	ng	95
89) Benzo(k)fluoranthene	23.710	252	355056	26.839	ng	97
90) Benzo(a)pyrene	24.556	252	260308	20.406	ng	98
91) Dibenzo(a,h)anthracene	28.164	278	8245	0.641	ng	95
92) Benzo(g,h,i)perylene	29.403	276	188091	14.609	ng	98

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

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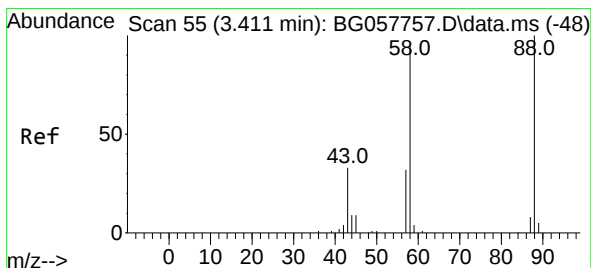
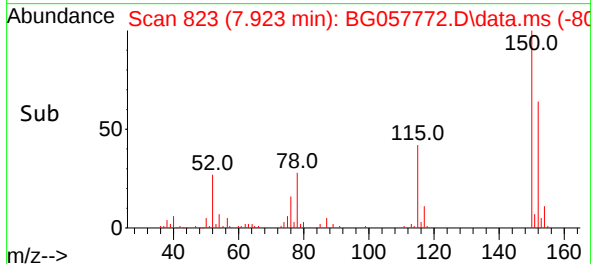
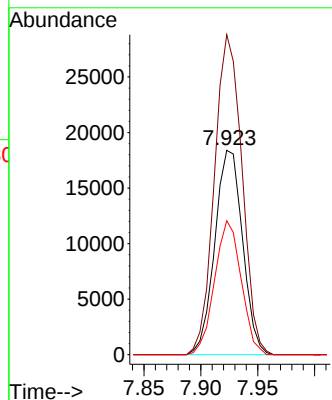
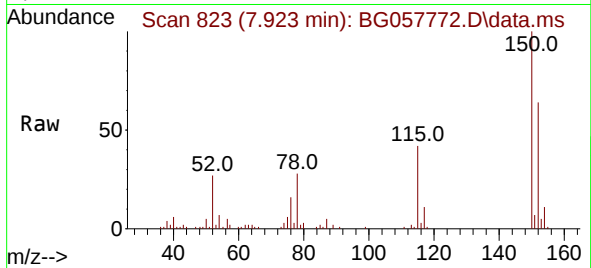




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.923 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

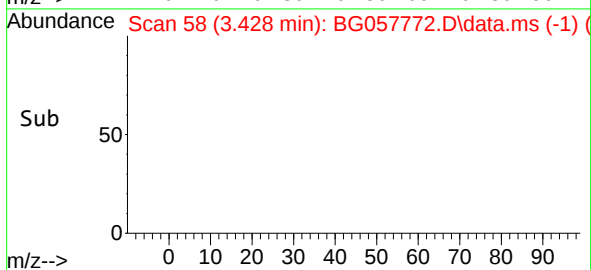
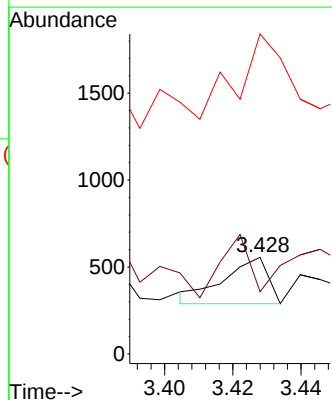
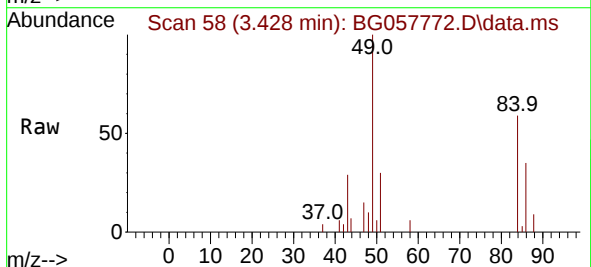
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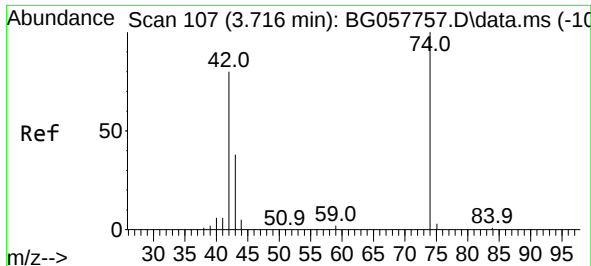
Tgt Ion:152 Resp: 31248
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.6 189.8
 115 65.5 48.9 73.3



#2
 1,4-Dioxane
 Concen: 0.258 ng
 RT: 3.428 min Scan# 58
 Delta R.T. 0.017 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

Tgt Ion: 88 Resp: 238
 Ion Ratio Lower Upper
 88 100
 58 89.5 76.2 114.4
 43 208.0 26.3 39.5#





#4

n-Nitrosodimethylamine

Concen: 0.286 ng

RT: 3.704 min Scan# 105

Delta R.T. -0.012 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

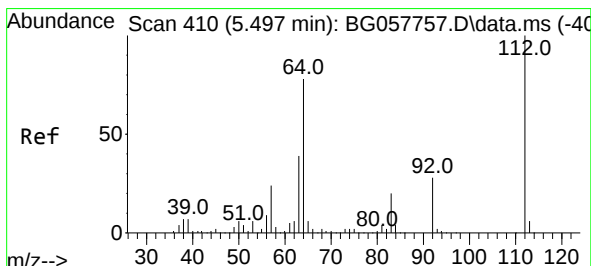
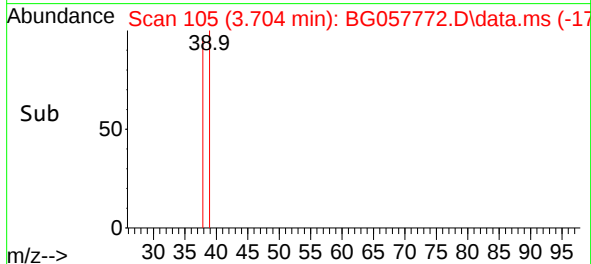
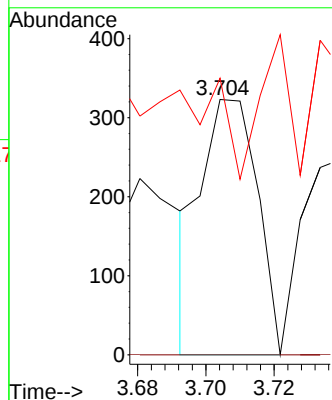
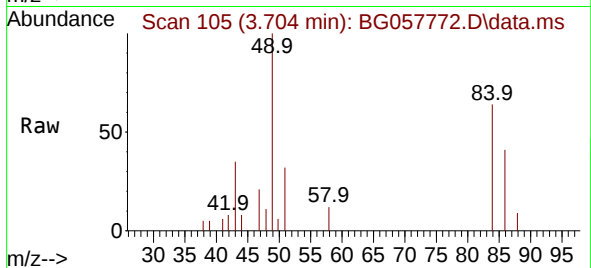
Tgt Ion: 42 Resp: 367

Ion Ratio Lower Upper

42 100

74 0.0 99.9 149.9#

44 108.4 6.0 9.0#



#5

2-Fluorophenol

Concen: 84.530 ng

RT: 5.496 min Scan# 410

Delta R.T. -0.001 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

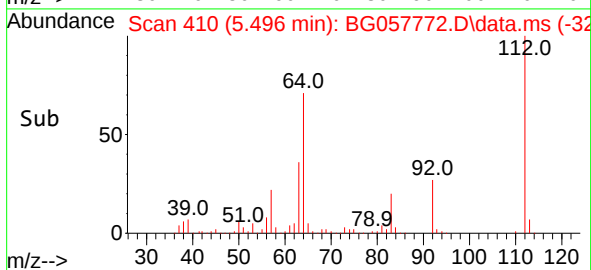
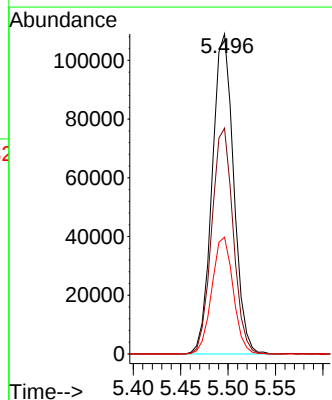
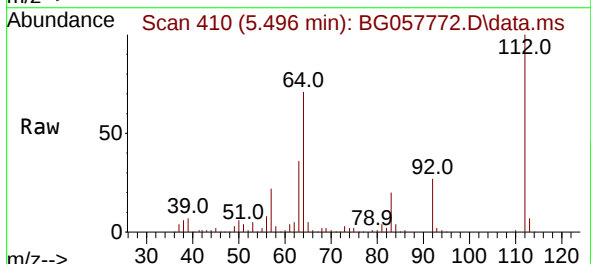
Tgt Ion: 112 Resp: 171306

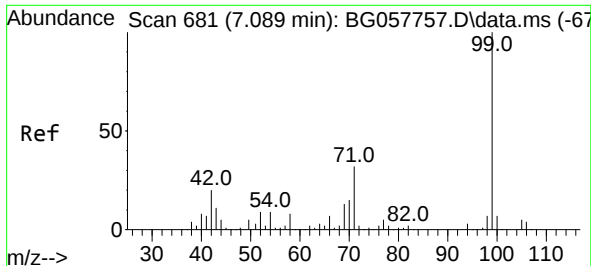
Ion Ratio Lower Upper

112 100

64 70.6 62.1 93.1

63 36.5 31.5 47.3

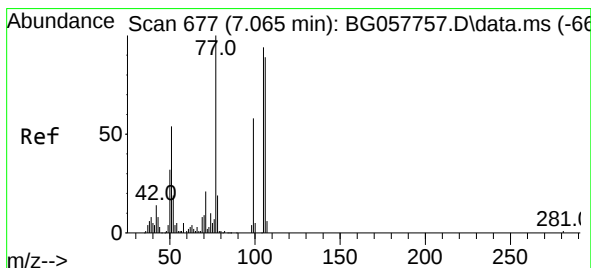
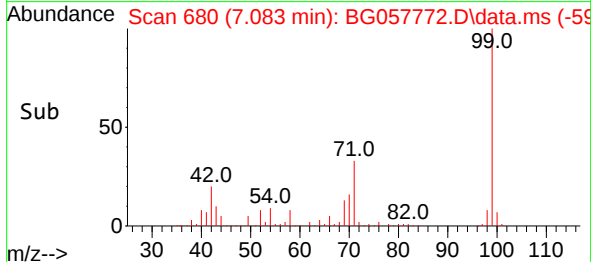
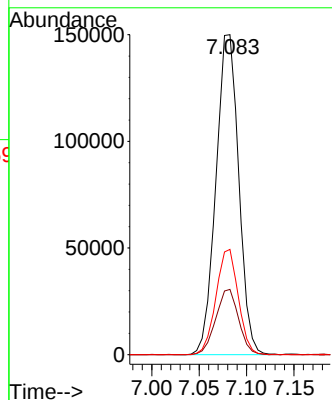
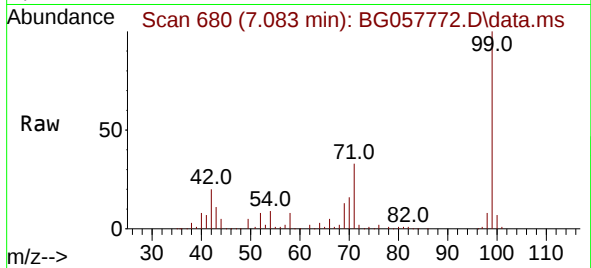




#7
Phenol-d6
Concen: 81.229 ng
RT: 7.083 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

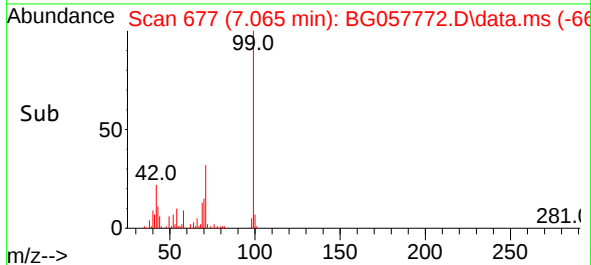
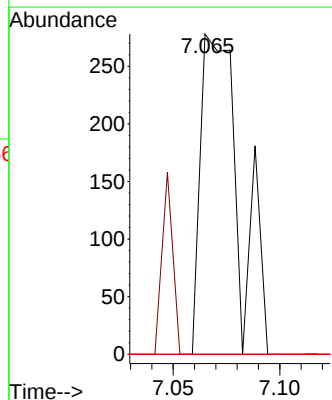
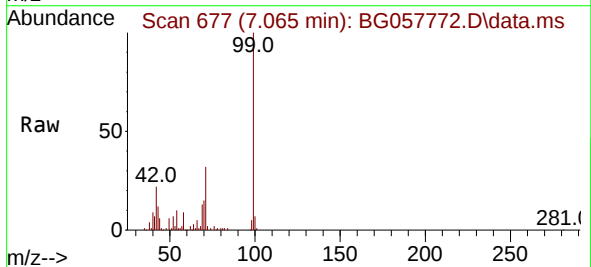
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

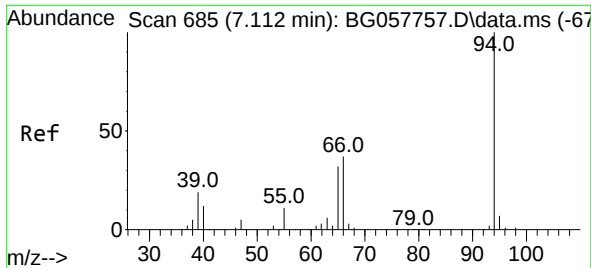
Tgt Ion: 99 Resp: 251181
Ion Ratio Lower Upper
99 100
42 20.4 16.4 24.6
71 32.9 25.8 38.6



#9
Benzaldehyde
Concen: 0.179 ng
RT: 7.065 min Scan# 677
Delta R.T. -0.000 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion: 77 Resp: 348
Ion Ratio Lower Upper
77 100
105 0.0 73.7 113.7#
106 0.0 69.0 109.0#

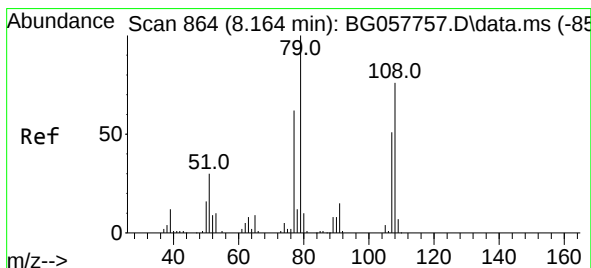
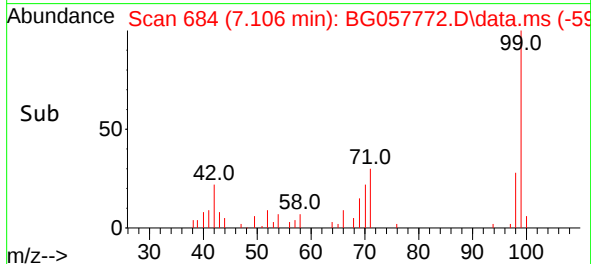
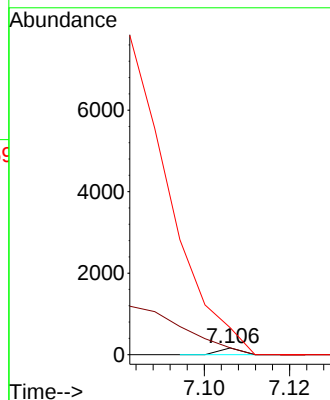
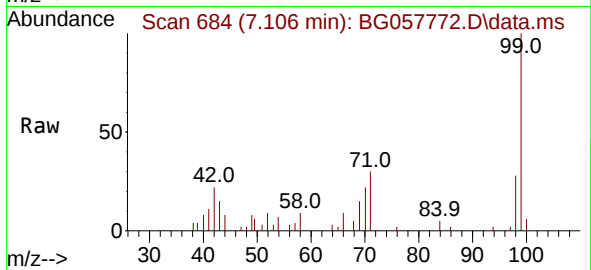




#10
Phenol
Concen: 0.019 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

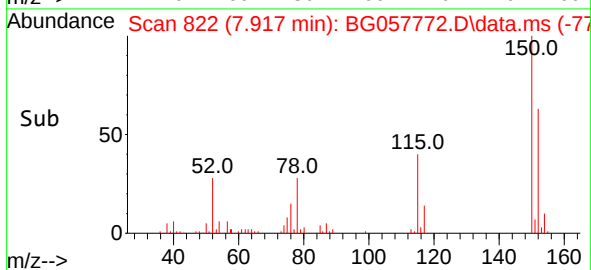
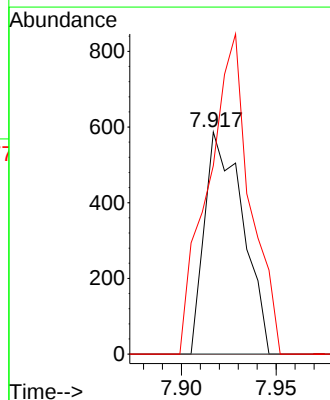
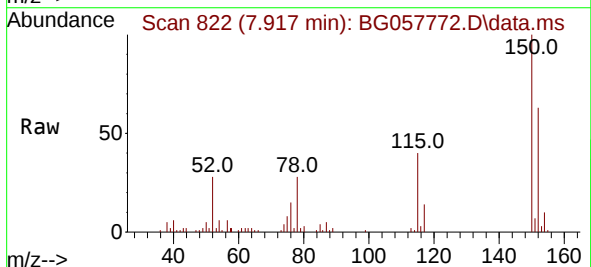
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ClientSampleId :
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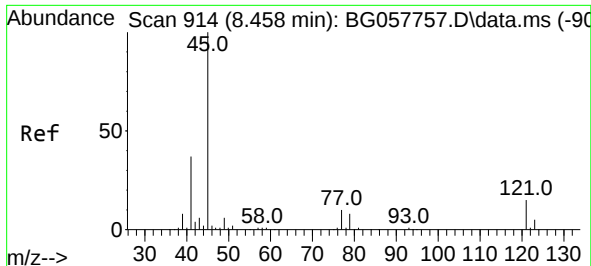
Tgt Ion: 94 Resp: 58
Ion Ratio Lower Upper
94 100
65 101.2 12.2 52.2#
66 401.8 18.3 58.3#



#15
Benzyl Alcohol
Concen: 0.348 ng
RT: 7.917 min Scan# 822
Delta R.T. -0.247 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion: 79 Resp: 824
Ion Ratio Lower Upper
79 100
108 0.0 60.5 90.7#
77 84.8 49.3 73.9#

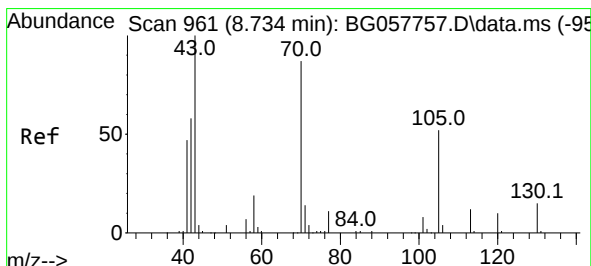
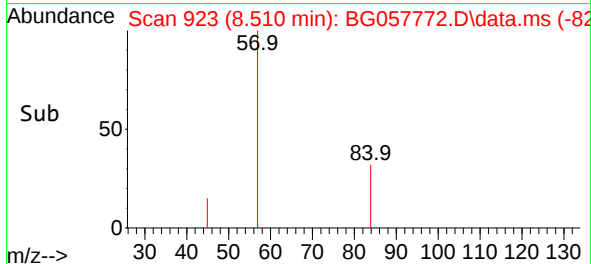
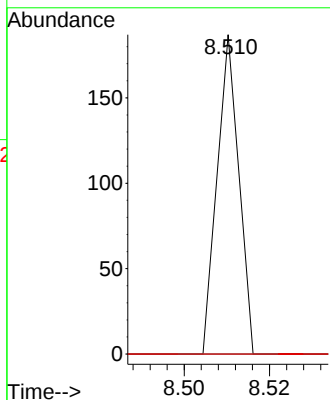
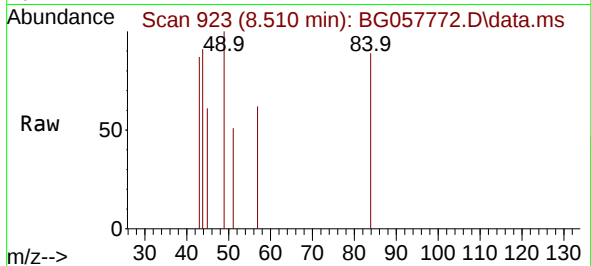




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.015 ng
RT: 8.510 min Scan# 914
Delta R.T. 0.052 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

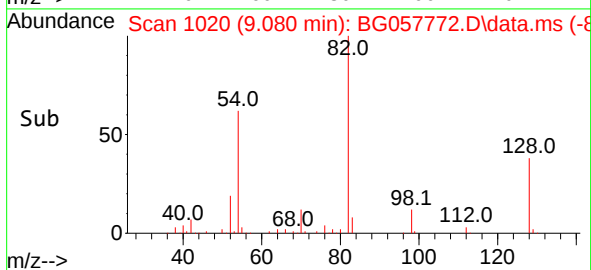
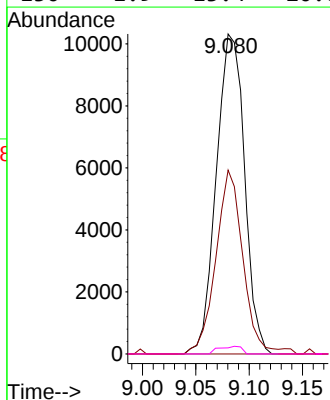
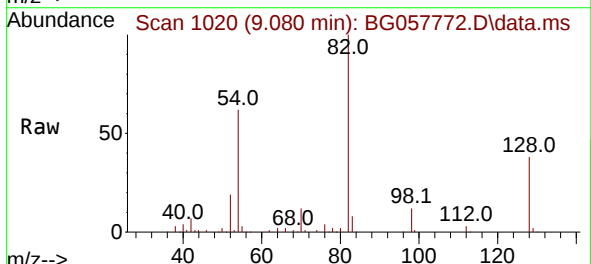
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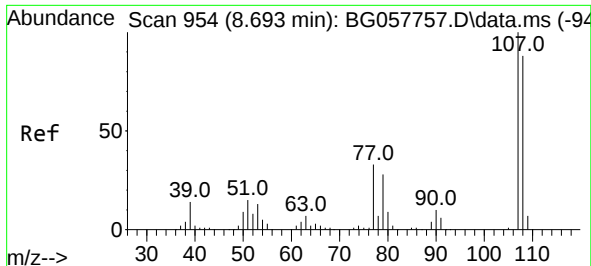
Tgt Ion: 45	Resp: 66
Ion Ratio	Lower Upper
45 100	
77 0.0	0.0 30.6
79 0.0	0.0 28.3



#19
n-Nitroso-di-n-propylamine
Concen: 8.793 ng
RT: 9.080 min Scan# 1020
Delta R.T. 0.346 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion: 70	Resp: 18957
Ion Ratio	Lower Upper
70 100	
42 57.4	54.2 81.2
101 0.0	7.4 11.0#
130 1.9	13.4 20.0#

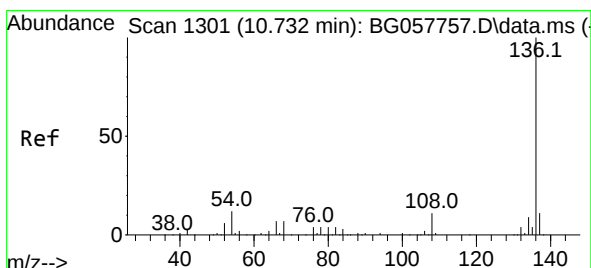
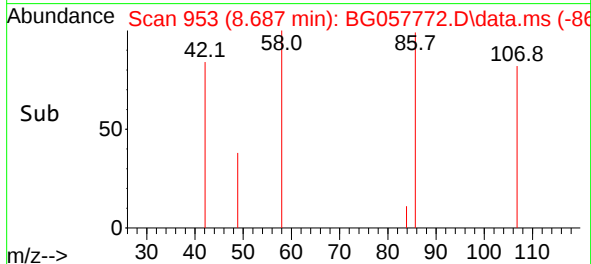
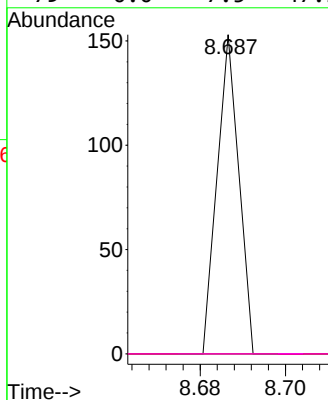
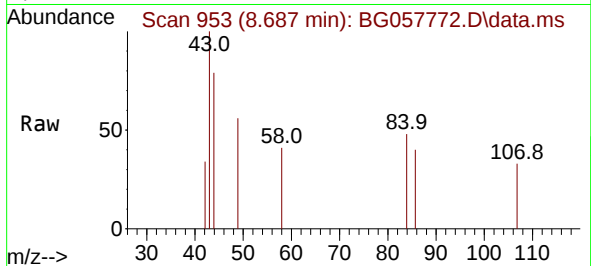




#20
3+4-Methylphenols
Concen: 0.017 ng
RT: 8.687 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

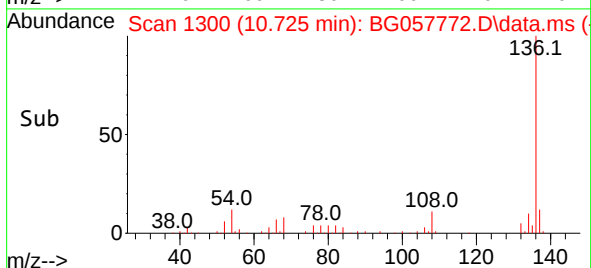
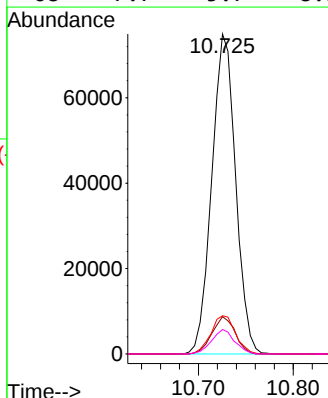
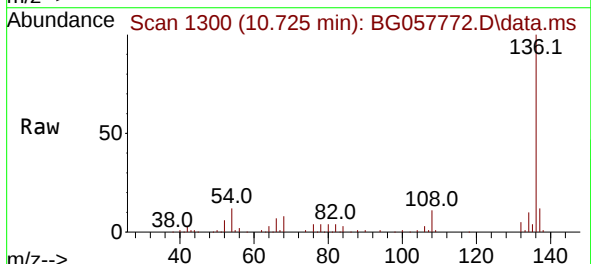
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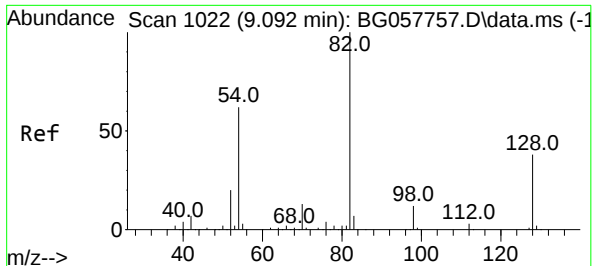
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Ion	Ratio	Lower Upper
107	100	
108	0.0	67.7 107.7#
77	0.0	13.3 53.3#
79	0.0	7.5 47.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.725 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:136	Resp:	130749
Ion	Ratio	Lower Upper
136	100	
137	11.7	8.5 12.7
54	11.9	9.5 14.3
68	7.7	5.7 8.5





#23

Nitrobenzene-d5

Concen: 58.682 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

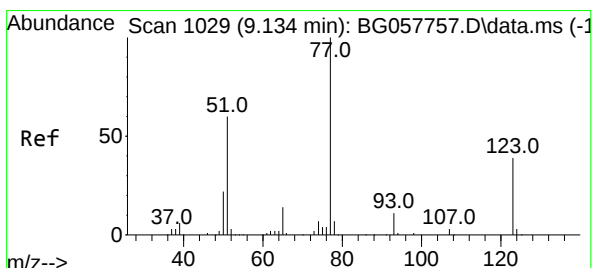
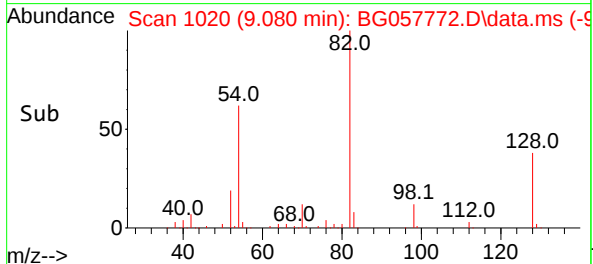
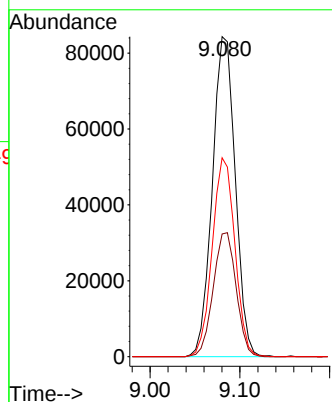
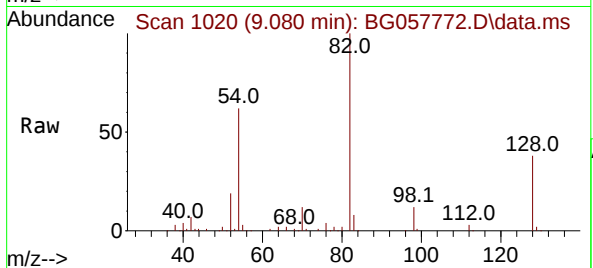
Tgt Ion: 82 Resp: 149494

Ion Ratio Lower Upper

82 100

128 38.4 30.7 46.1

54 62.2 49.6 74.4



#24

Nitrobenzene

Concen: 0.118 ng

RT: 9.080 min Scan# 1020

Delta R.T. -0.054 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

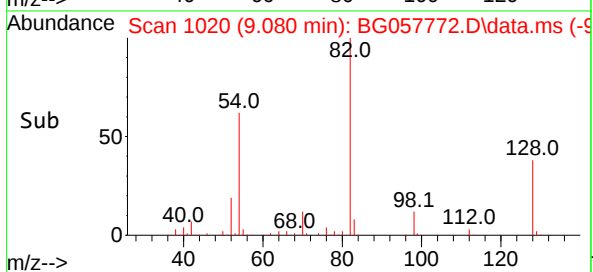
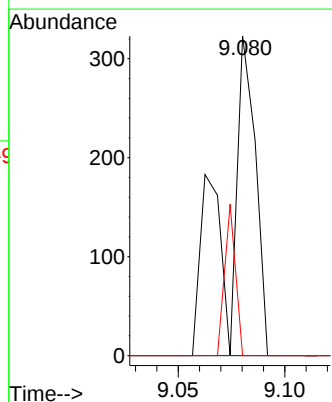
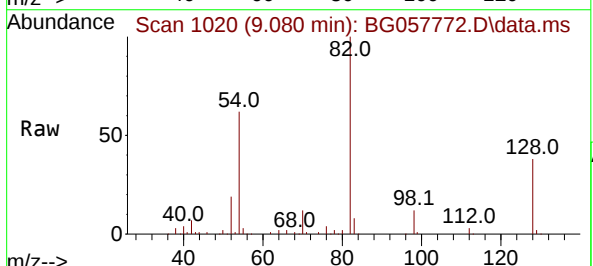
Tgt Ion: 77 Resp: 312

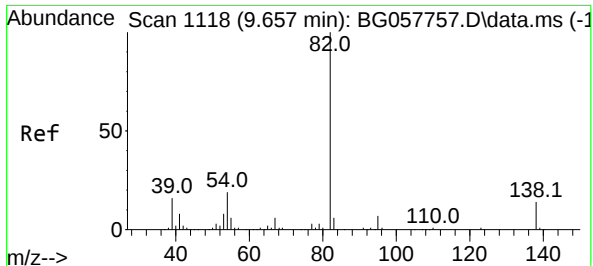
Ion Ratio Lower Upper

77 100

123 0.0 31.4 47.2#

65 0.0 11.2 16.8#

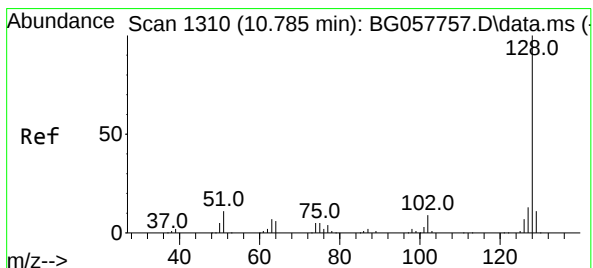
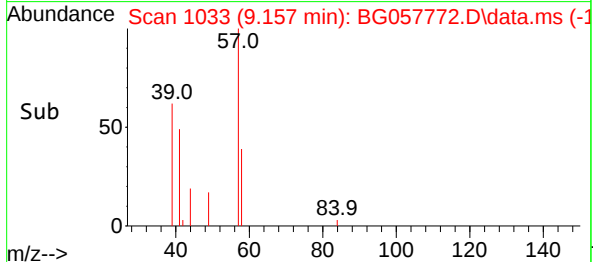
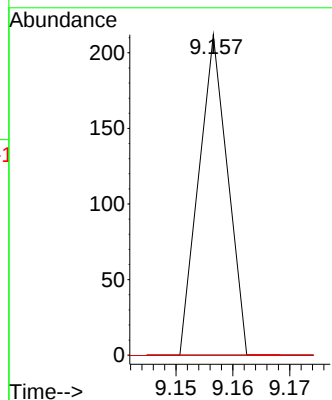
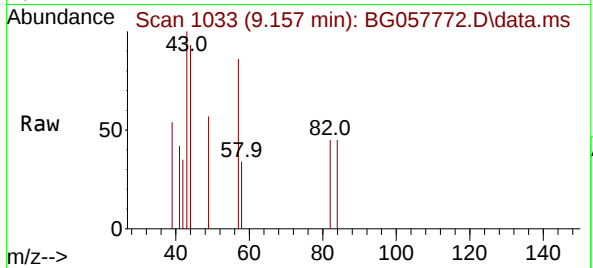




#25
Isophorone
Concen: 0.013 ng
RT: 9.157 min Scan# 1118
Delta R.T. -0.500 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

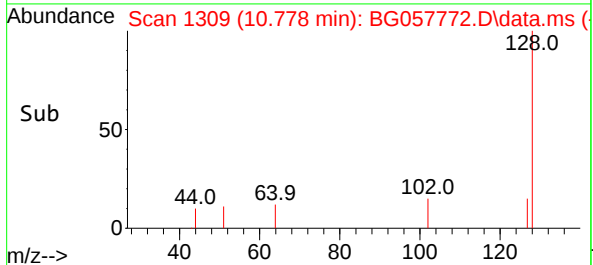
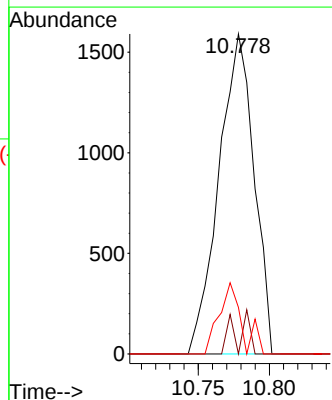
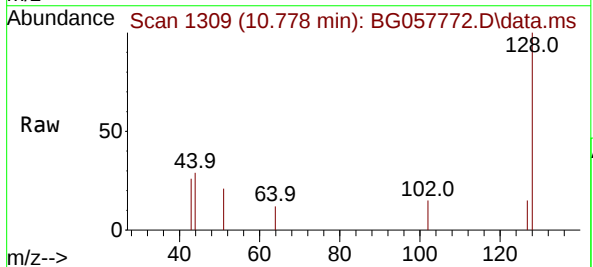
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

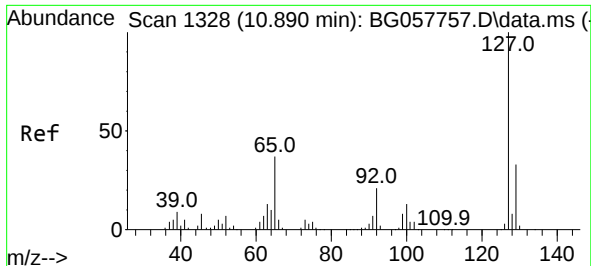
Tgt Ion: 82 Resp: 75
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 11.1 16.7#



#31
Naphthalene
Concen: 0.393 ng
RT: 10.778 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion: 128 Resp: 2733
Ion Ratio Lower Upper
128 100
129 0.0 8.5 12.7#
127 14.5 10.7 16.1

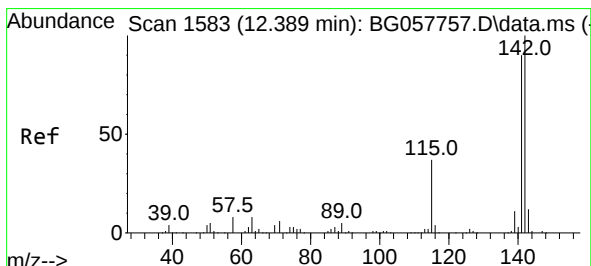
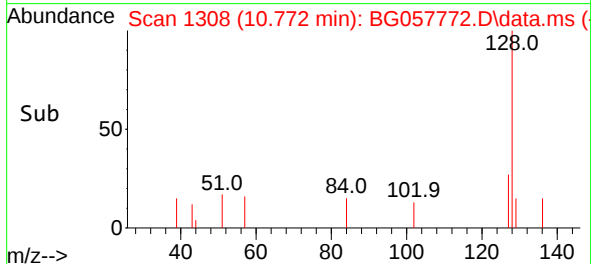
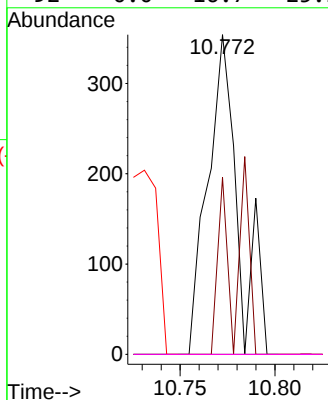
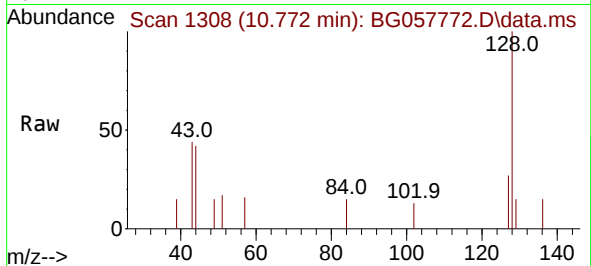




#33
4-Chloroaniline
Concen: 0.122 ng
RT: 10.772 min Scan# 11
Delta R.T. -0.118 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

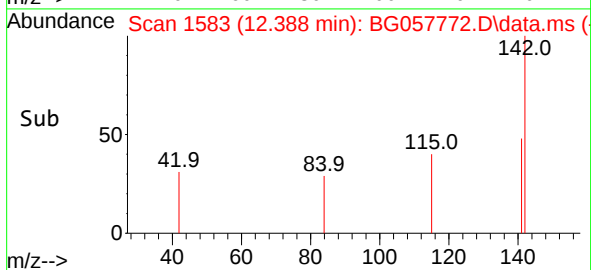
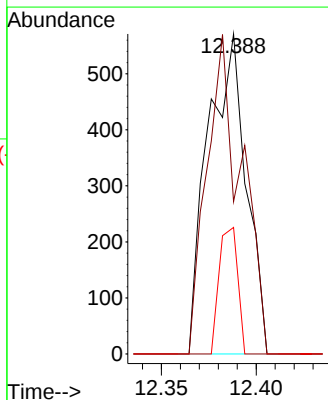
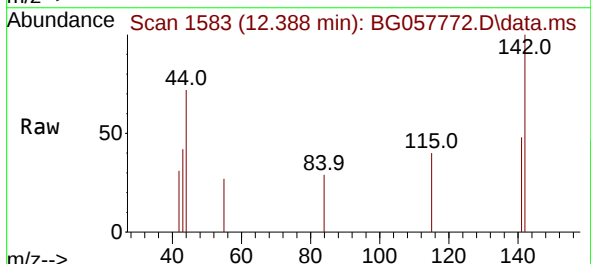
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

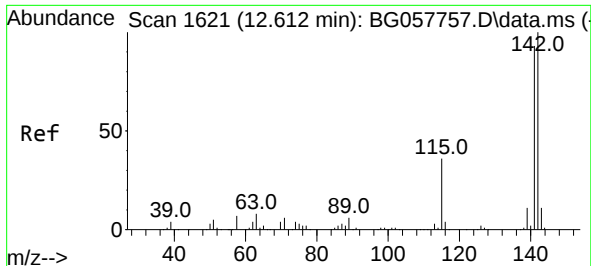
Tgt Ion:127	Resp:	393	
Ion	Ratio	Lower	Upper
127	100		
129	55.4	26.6	40.0#
65	0.0	29.8	44.8#
92	0.0	16.7	25.1#



#37
2-Methylnaphthalene
Concen: 0.158 ng
RT: 12.388 min Scan# 1583
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:142	Resp:	800	
Ion	Ratio	Lower	Upper
142	100		
141	47.6	72.1	108.1#
115	39.6	29.7	44.5

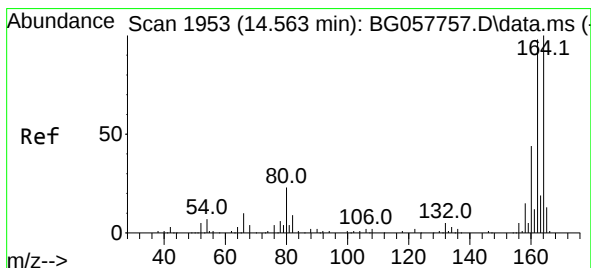
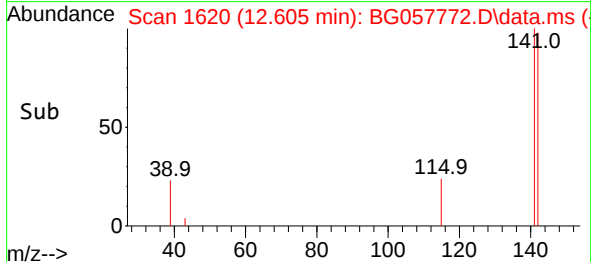
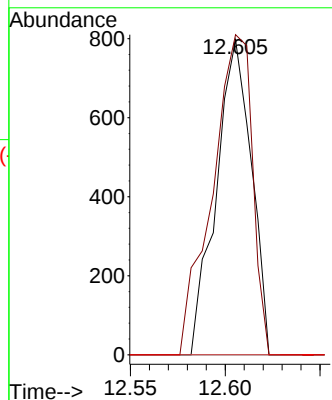
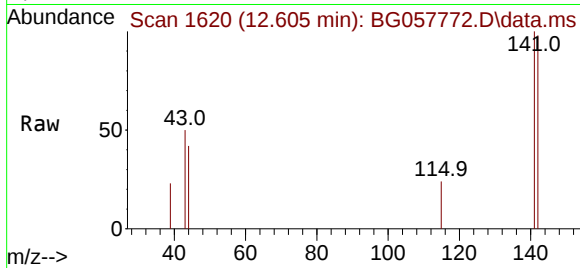




#38
1-Methylnaphthalene
Concen: 0.215 ng
RT: 12.605 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

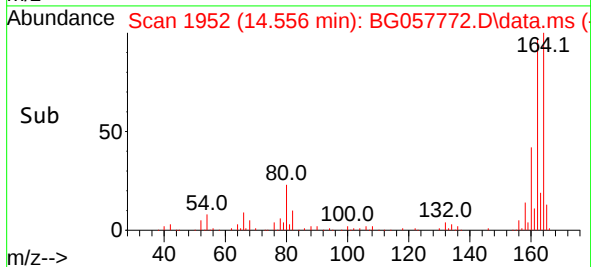
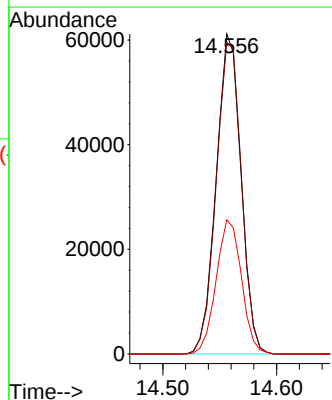
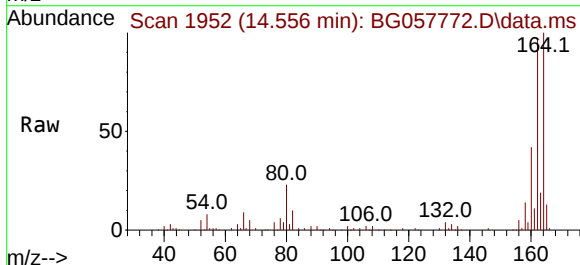
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

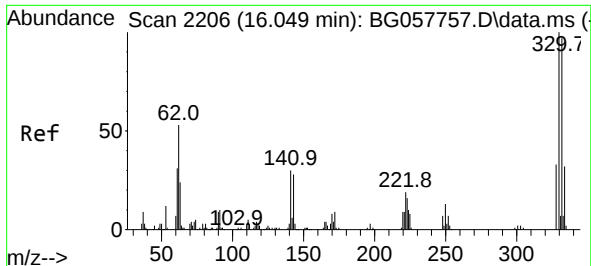
Tgt Ion:142 Resp: 1031
Ion Ratio Lower Upper
142 100
141 101.6 74.2 111.4
116 0.0 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:164 Resp: 92753
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 41.9 35.4 53.0

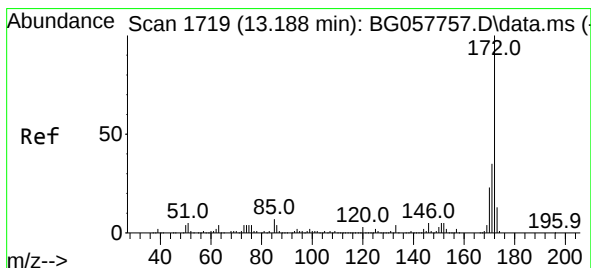
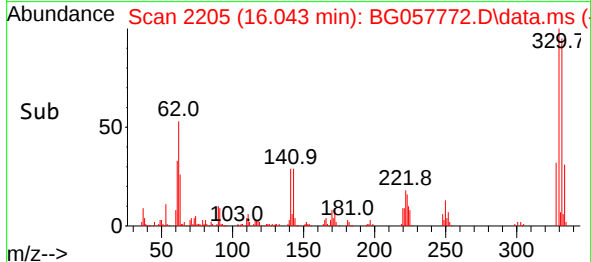
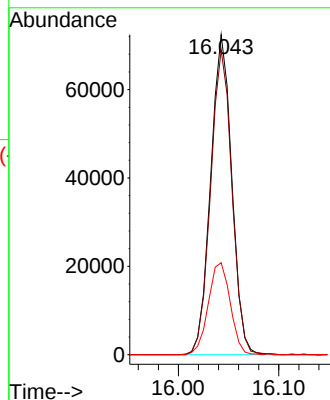
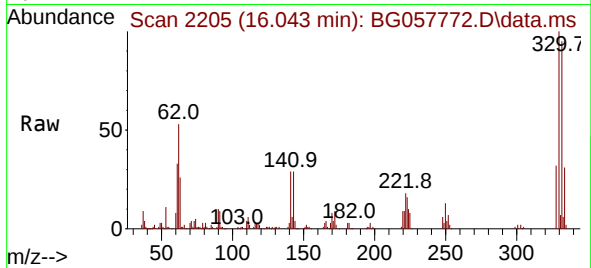




#42
 2,4,6-Tribromophenol
 Concen: 81.841 ng
 RT: 16.043 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

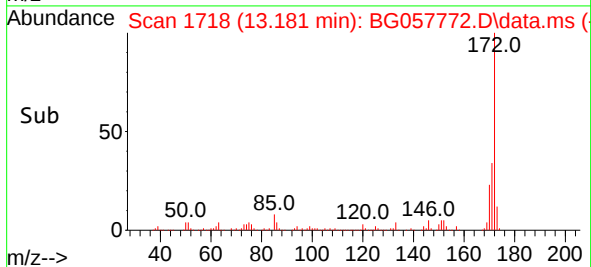
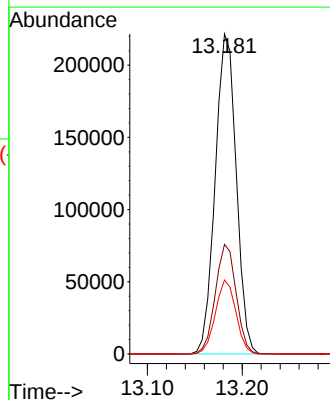
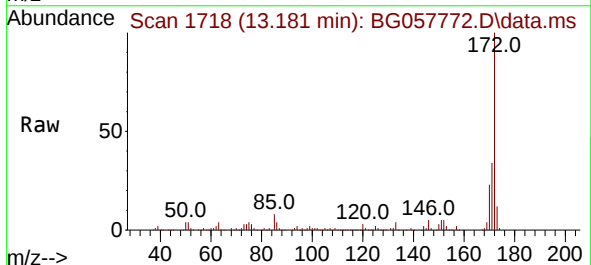
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

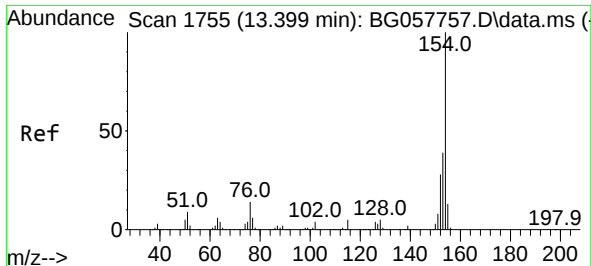
Tgt Ion:330 Resp: 105742
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 30.0 24.7 37.1



#45
 2-Fluorobiphenyl
 Concen: 55.971 ng
 RT: 13.181 min Scan# 1718
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

Tgt Ion:172 Resp: 342277
 Ion Ratio Lower Upper
 172 100
 171 34.3 28.1 42.1
 170 23.1 18.6 27.8





#46

1,1'-Biphenyl

Concen: 0.073 ng

RT: 13.393 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

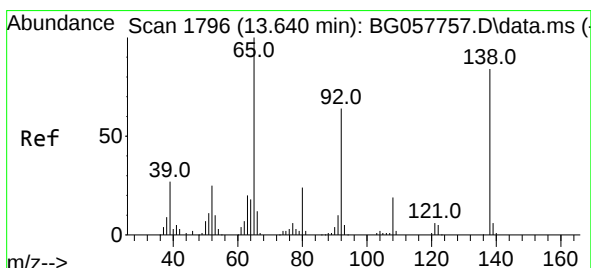
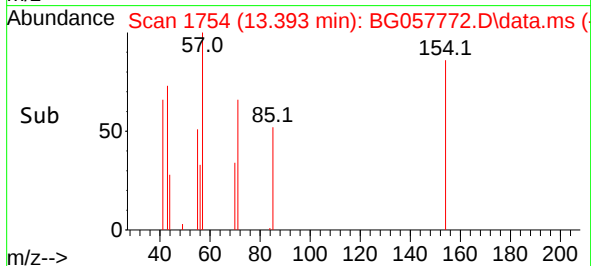
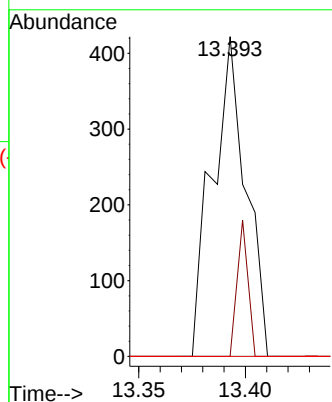
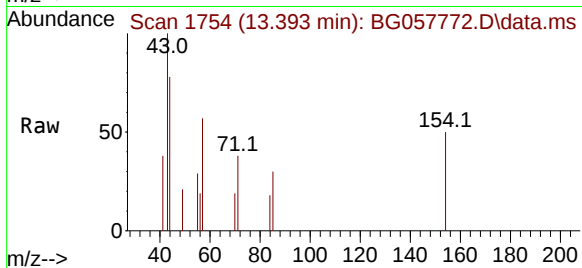
Tgt Ion:154 Resp: 462

Ion Ratio Lower Upper

154 100

153 0.0 19.1 59.1#

76 0.0 0.0 34.3



#48

2-Nitroaniline

Concen: 0.030 ng

RT: 13.587 min Scan# 1787

Delta R.T. -0.053 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

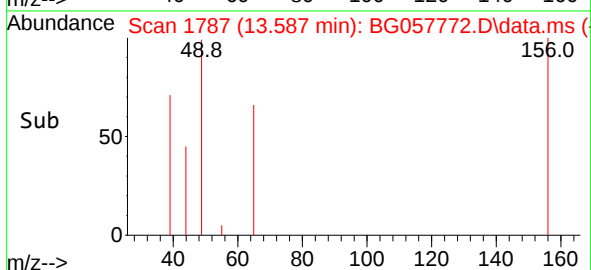
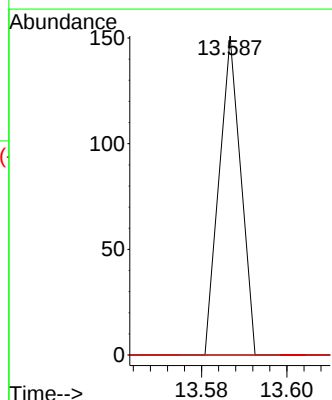
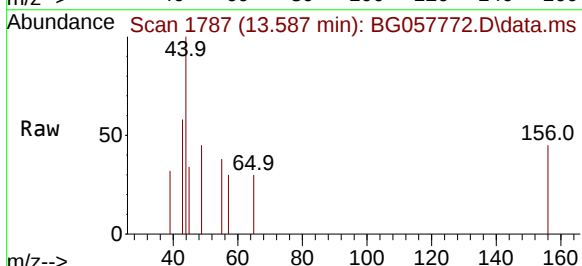
Tgt Ion: 65 Resp: 53

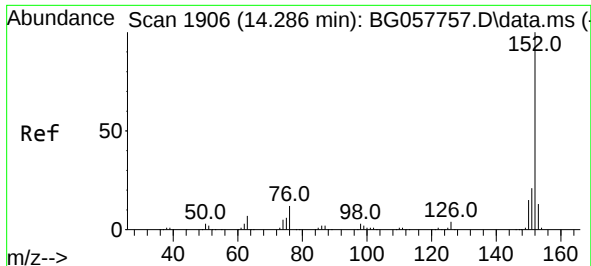
Ion Ratio Lower Upper

65 100

92 0.0 51.2 76.8#

138 0.0 67.2 100.8#

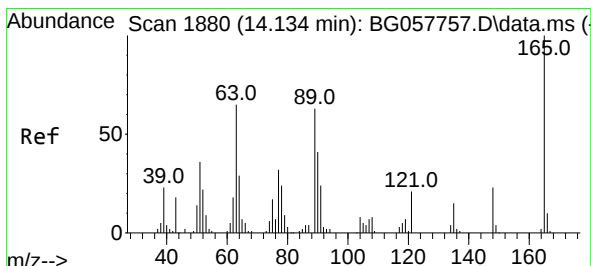
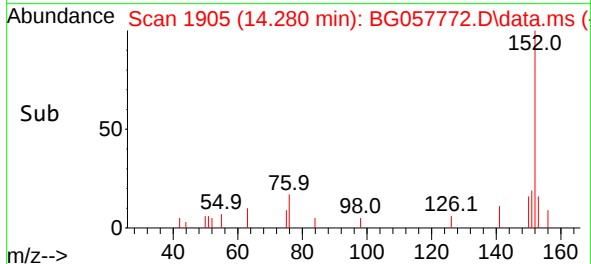
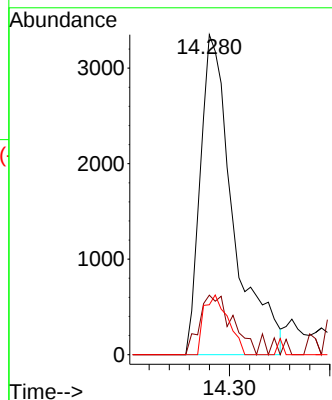
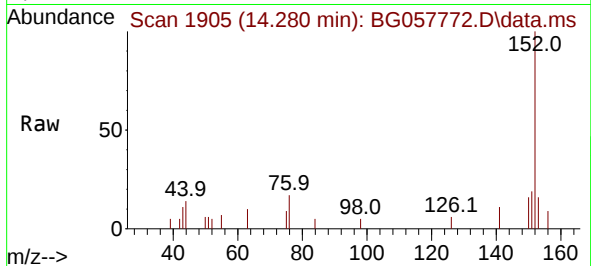




#49
Acenaphthylene
Concen: 0.907 ng
RT: 14.280 min Scan# 1906
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

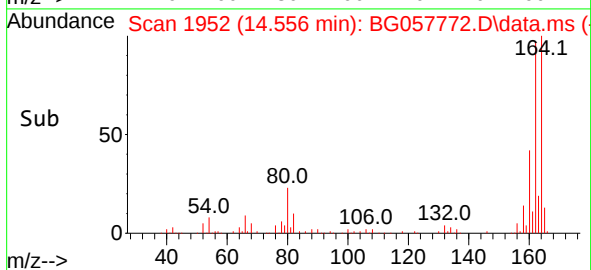
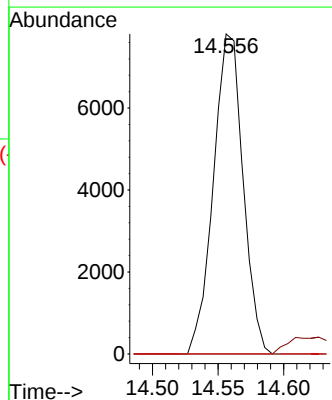
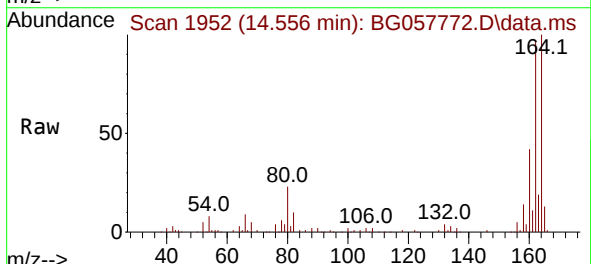
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

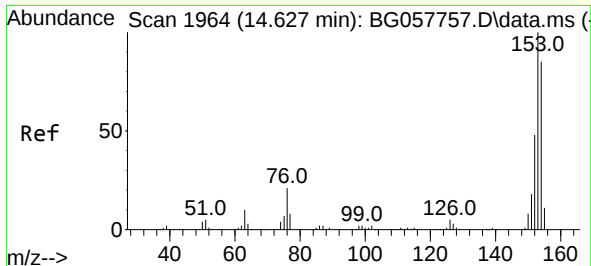
Tgt Ion:152 Resp: 7620
Ion Ratio Lower Upper
152 100
151 18.6 17.0 25.4
153 15.6 10.5 15.7



#51
2,6-Dinitrotoluene
Concen: 9.356 ng
RT: 14.556 min Scan# 1952
Delta R.T. 0.422 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:165 Resp: 12274
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#

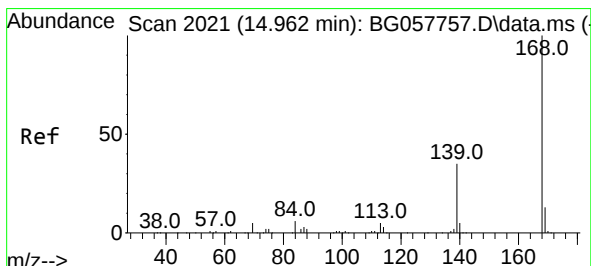
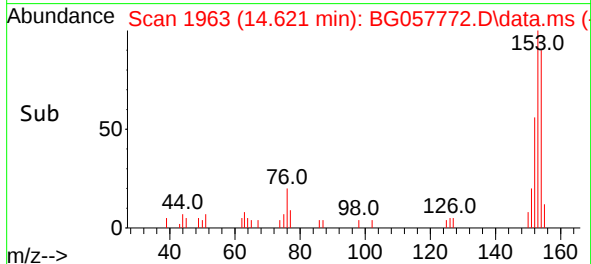
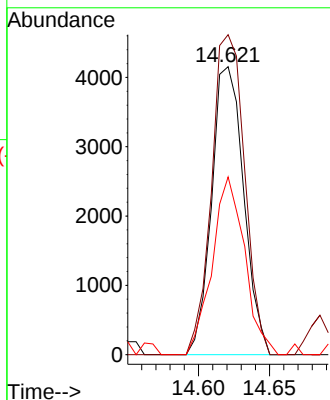
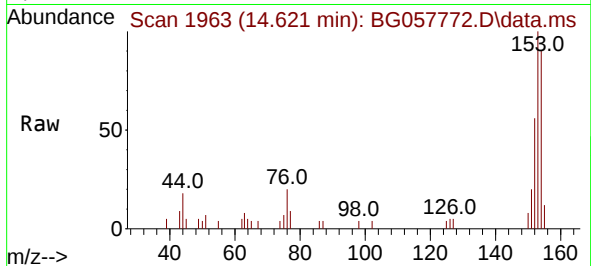




#52
Acenaphthene
Concen: 1.255 ng
RT: 14.621 min Scan# 1964
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

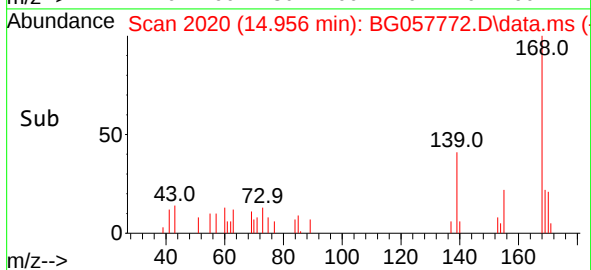
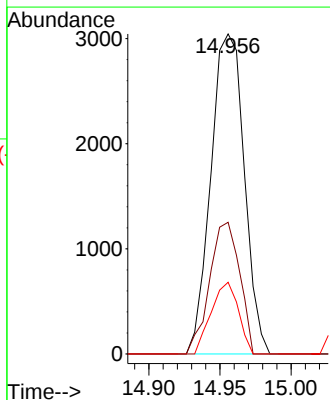
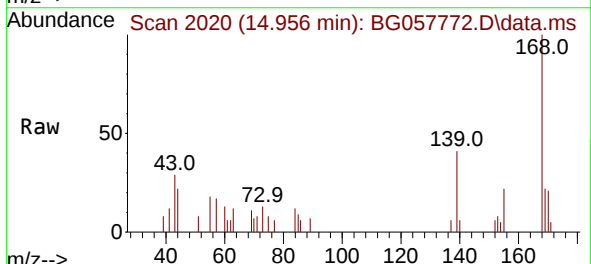
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

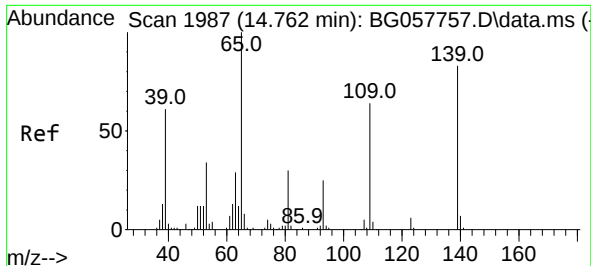
Tgt Ion:154 Resp: 6524
Ion Ratio Lower Upper
154 100
153 111.1 93.6 140.4
152 61.7 44.7 67.1



#55
Dibenzofuran
Concen: 0.595 ng
RT: 14.956 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:168 Resp: 4970
Ion Ratio Lower Upper
168 100
139 41.2 28.1 42.1
169 22.4 10.7 16.1#

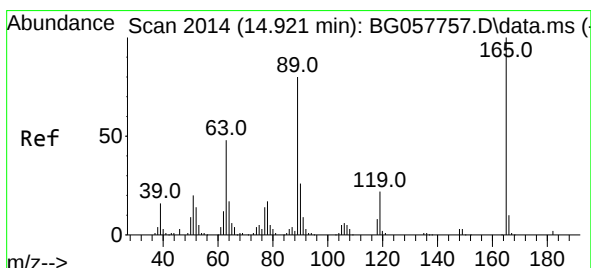
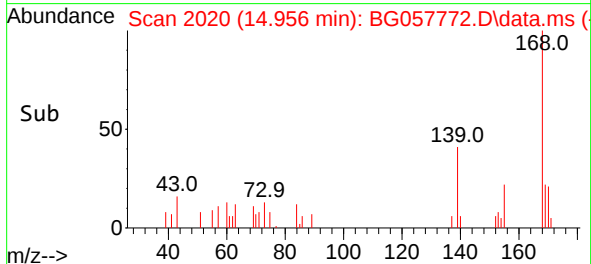
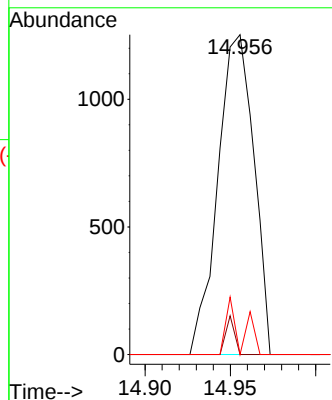
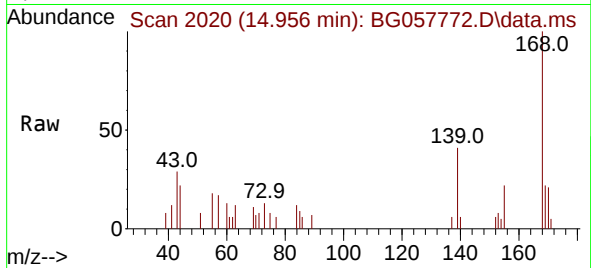




#56
4-Nitrophenol
Concen: 1.566 ng
RT: 14.956 min Scan# 20
Delta R.T. 0.193 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

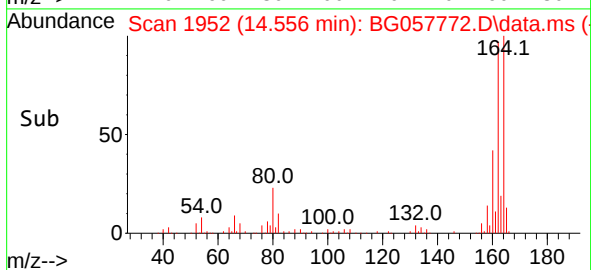
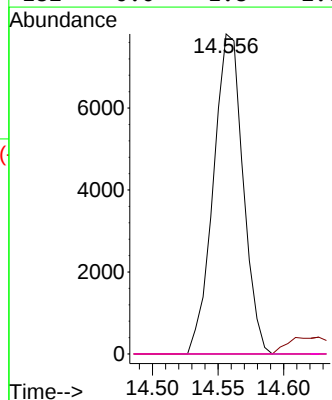
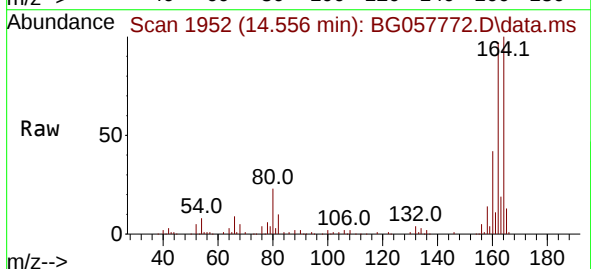
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

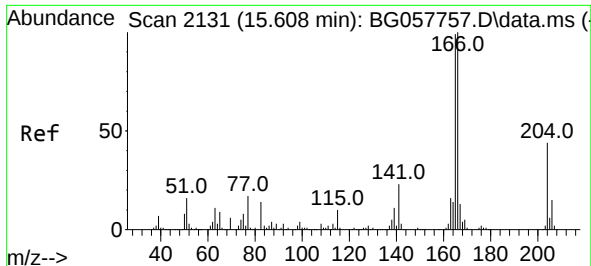
Tgt Ion:139 Resp: 1840
Ion Ratio Lower Upper
139 100
109 0.0 57.3 97.3#
65 0.0 100.0 140.0#



#57
2,4-Dinitrotoluene
Concen: 6.899 ng
RT: 14.556 min Scan# 1952
Delta R.T. -0.365 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:165 Resp: 12274
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#

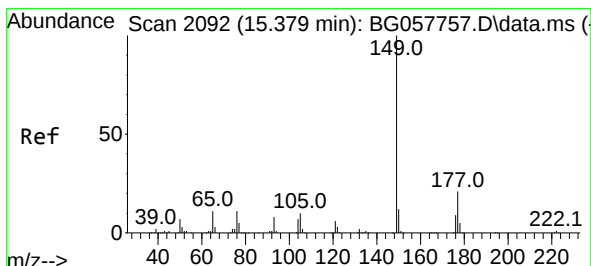
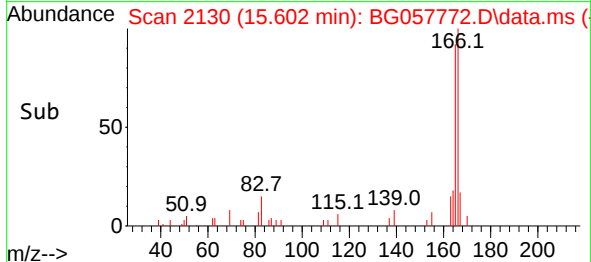
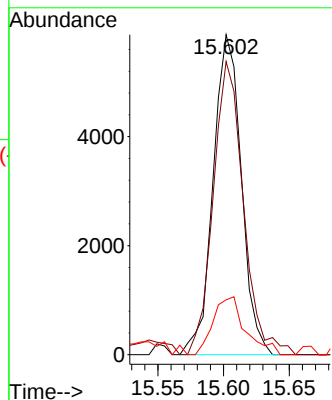
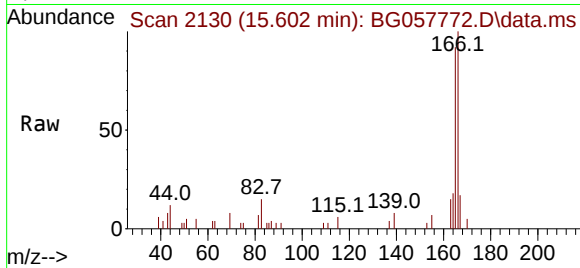




#58
 Fluorene
 Concen: 1.326 ng
 RT: 15.602 min Scan# 2131
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

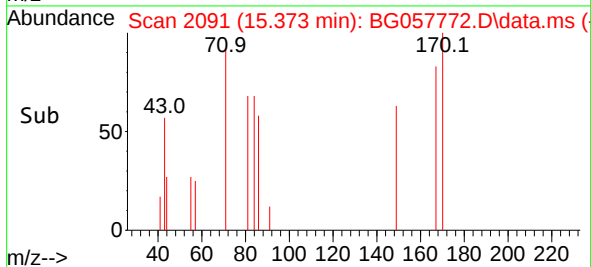
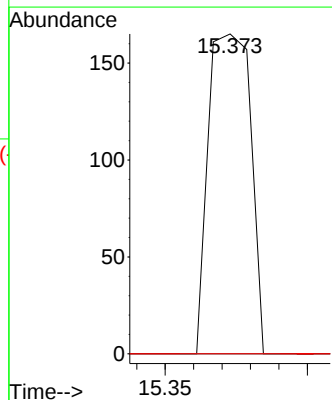
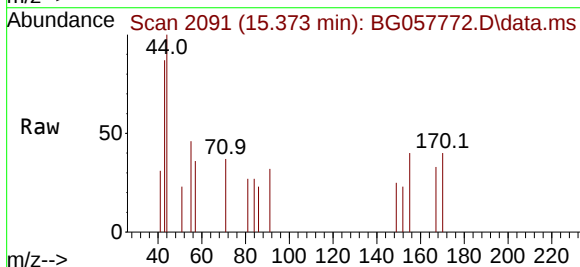
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

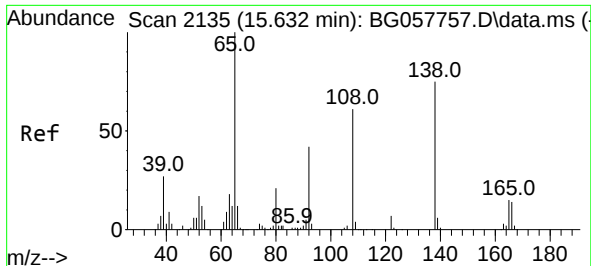
Tgt Ion:166 Resp: 8773
 Ion Ratio Lower Upper
 166 100
 165 91.6 79.5 119.3
 167 17.2 10.6 16.0#



#60
 Diethylphthalate
 Concen: 0.023 ng
 RT: 15.373 min Scan# 2091
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

Tgt Ion:149 Resp: 170
 Ion Ratio Lower Upper
 149 100
 177 0.0 17.0 25.6#
 150 0.0 10.0 15.0#

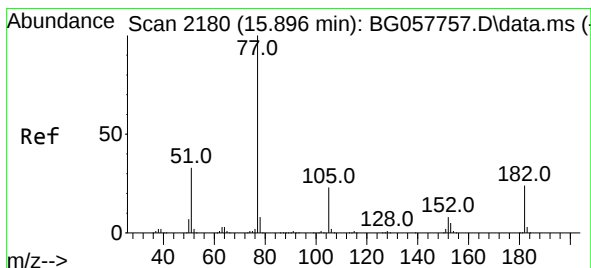
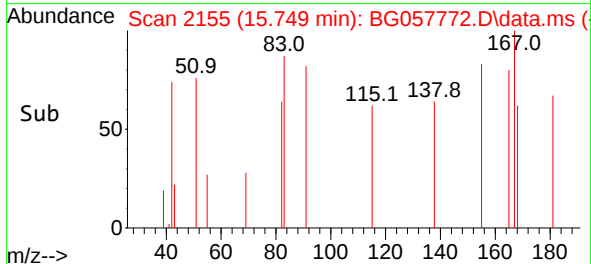
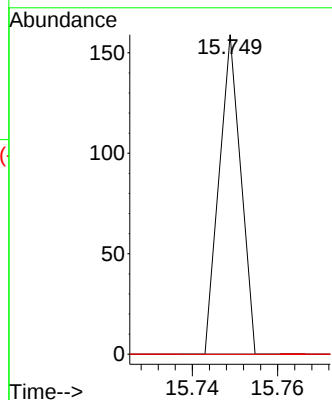
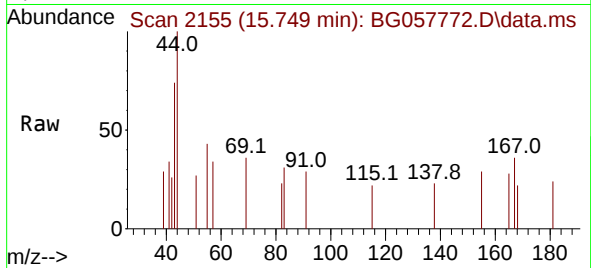




#62
4-Nitroaniline
Concen: 0.037 ng
RT: 15.749 min Scan# 2135
Delta R.T. 0.117 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

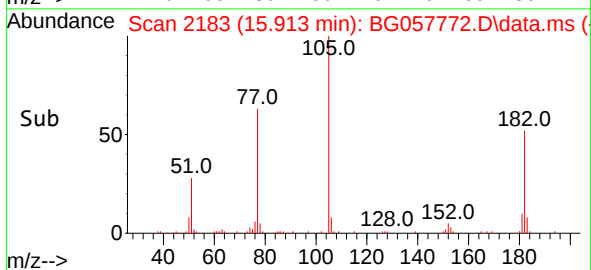
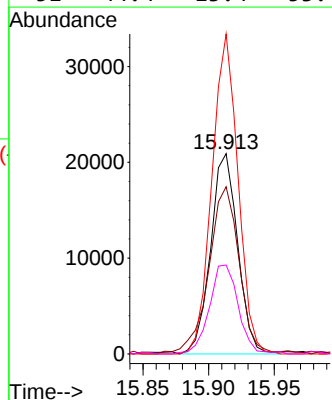
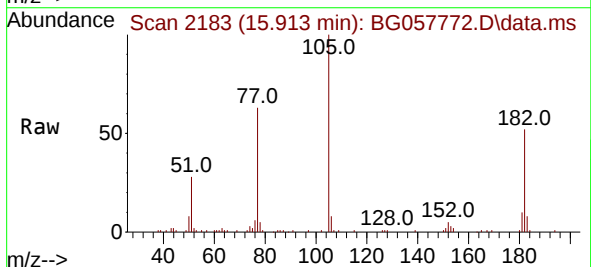
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

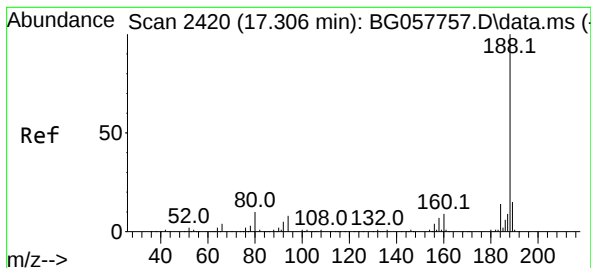
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
92 0.0 35.9 75.9#
108 0.0 62.1 102.1#



#63
Azobenzene
Concen: 4.024 ng
RT: 15.913 min Scan# 2183
Delta R.T. 0.017 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion: 77 Resp: 30084
Ion Ratio Lower Upper
77 100
182 83.5 4.1 44.1#
105 159.7 3.3 43.3#
51 44.4 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.300 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

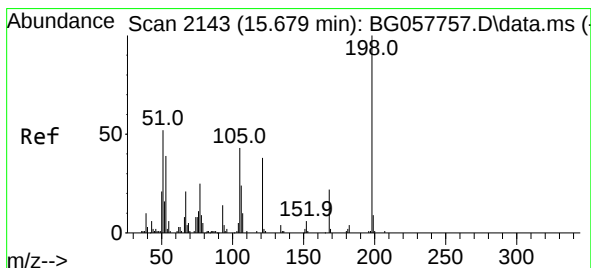
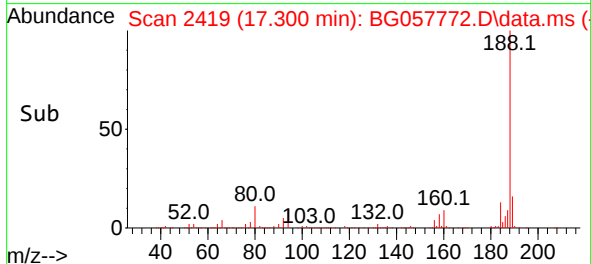
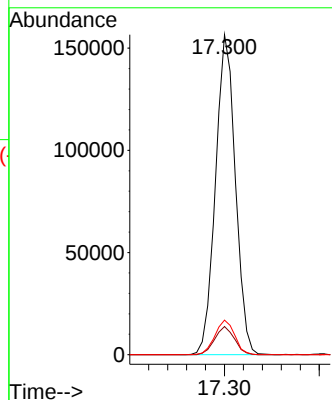
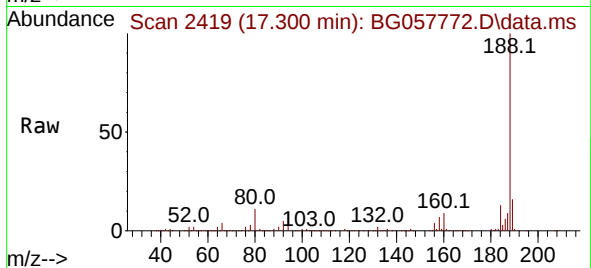
Tgt Ion:188 Resp: 227924

Ion Ratio Lower Upper

188 100

94 8.8 6.6 9.8

80 10.8 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.407 ng

RT: 16.043 min Scan# 2205

Delta R.T. 0.364 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

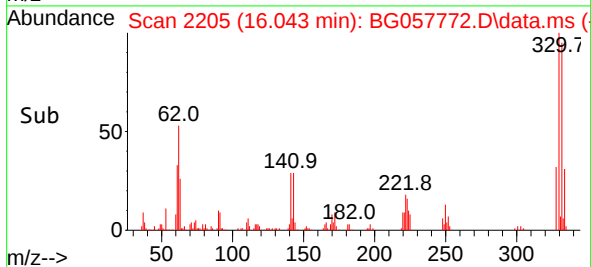
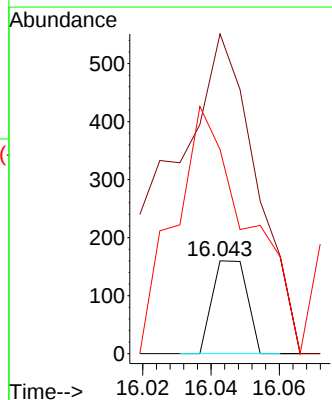
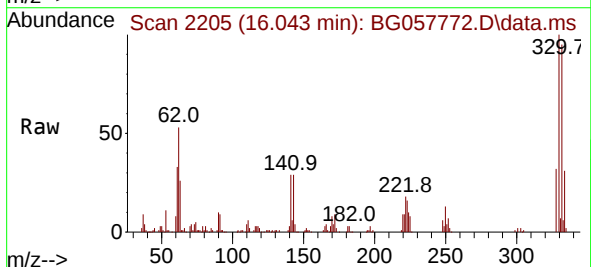
Tgt Ion:198 Resp: 112

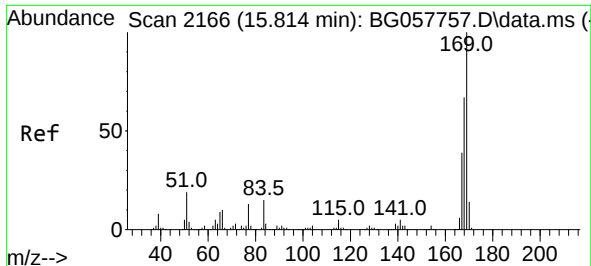
Ion Ratio Lower Upper

198 100

51 60.7 36.6 76.6

105 38.8 24.3 64.3

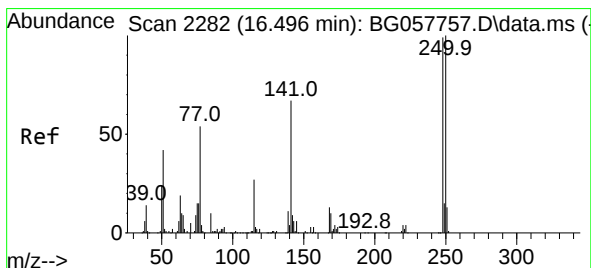
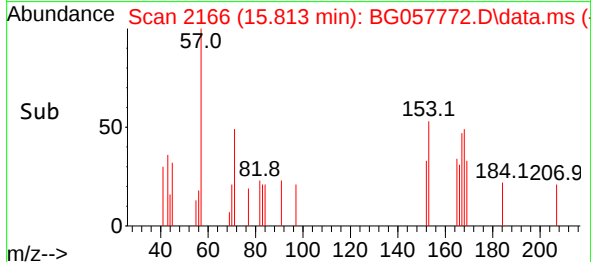
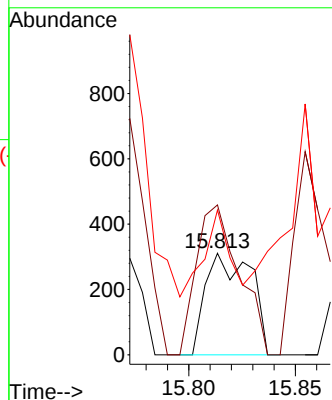
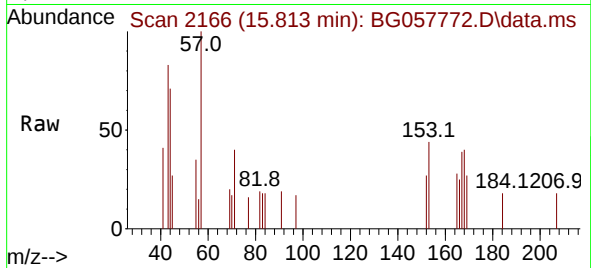




#66
n-Nitrosodiphenylamine
Concen: 0.076 ng
RT: 15.813 min Scan# 2166
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

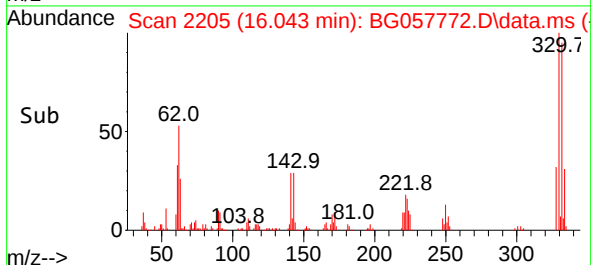
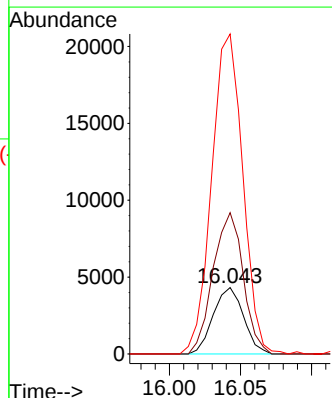
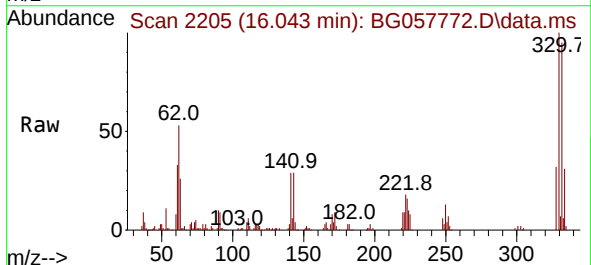
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

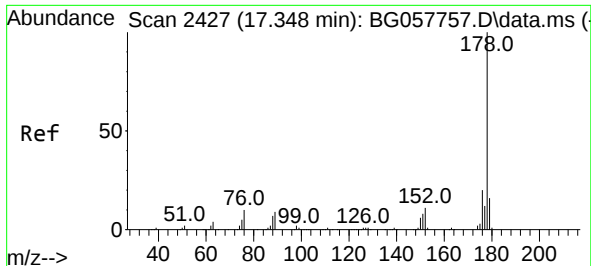
Tgt Ion:169 Resp: 458
Ion Ratio Lower Upper
169 100
168 147.6 53.4 80.2#
167 142.4 31.2 46.8#



#67
4-Bromophenyl-phenylether
Concen: 2.649 ng
RT: 16.043 min Scan# 2205
Delta R.T. -0.453 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:248 Resp: 6402
Ion Ratio Lower Upper
248 100
250 212.7 81.1 121.7#
141 481.5 54.6 81.8#

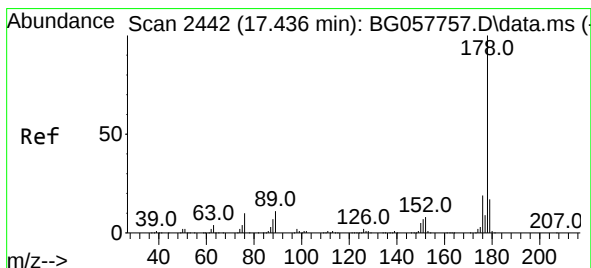
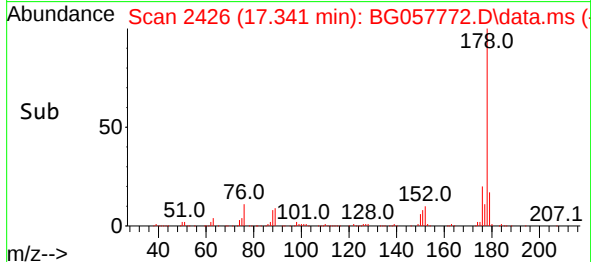
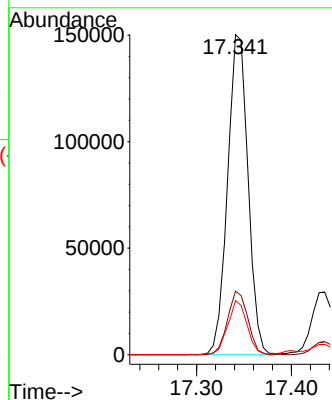
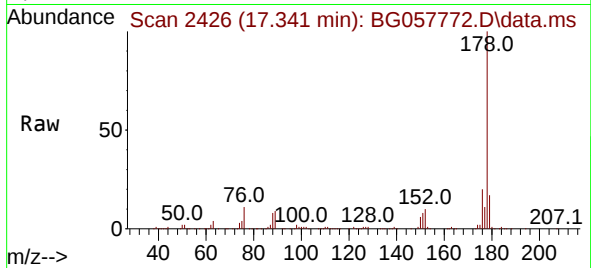




#71
Phenanthrene
Concen: 20.429 ng
RT: 17.341 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

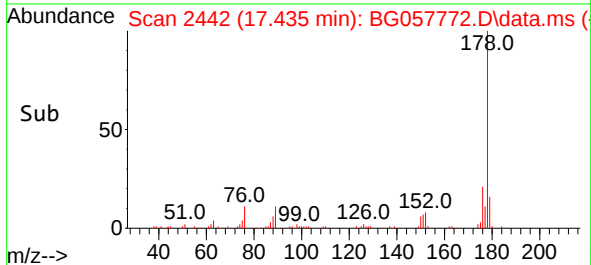
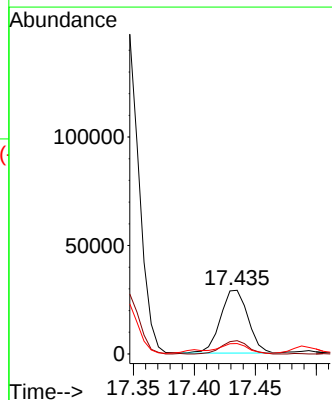
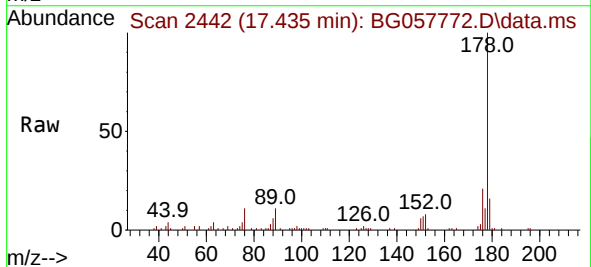
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

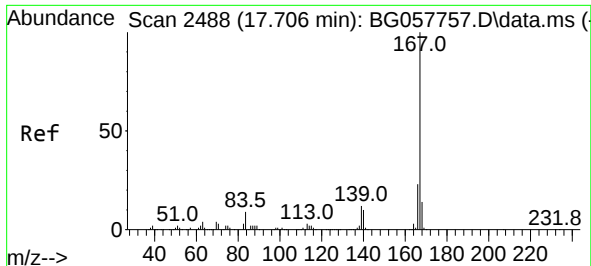
Tgt Ion:178 Resp: 225446
Ion Ratio Lower Upper
178 100
176 19.9 16.3 24.5
179 16.9 13.0 19.6



#72
Anthracene
Concen: 4.060 ng
RT: 17.435 min Scan# 2442
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:178 Resp: 45757
Ion Ratio Lower Upper
178 100
176 20.8 15.4 23.0
179 16.4 13.3 19.9

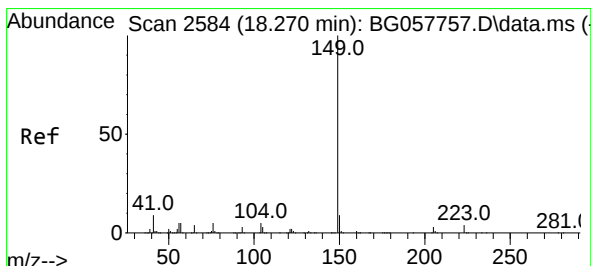
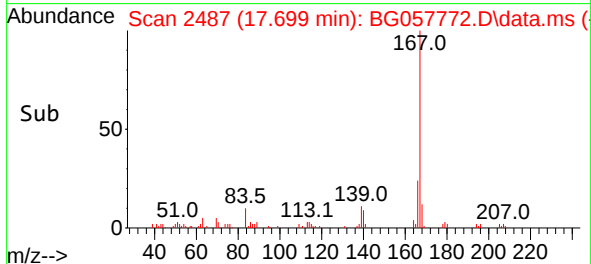
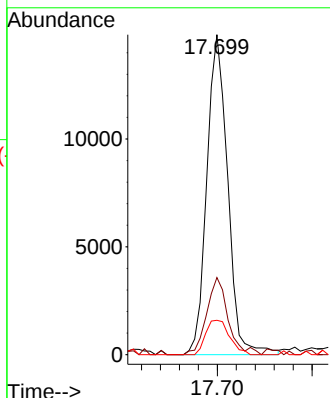
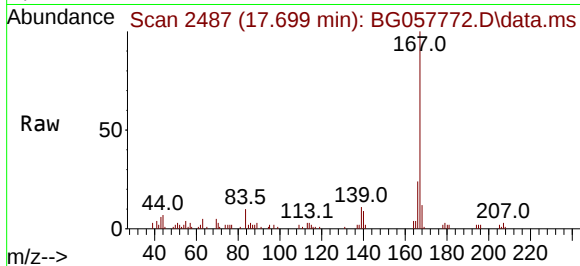




#73
 Carbazole
 Concen: 2.182 ng
 RT: 17.699 min Scan# 2487
 Delta R.T. -0.006 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

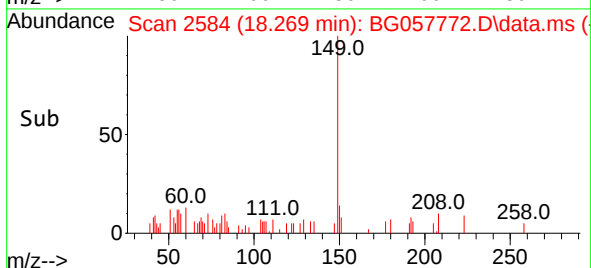
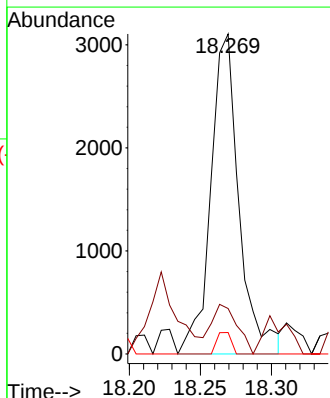
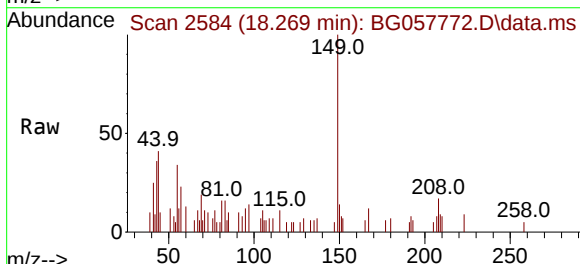
Instrument :
 BNA_G
 ClientSampleId :
 SB-02-0-2.0

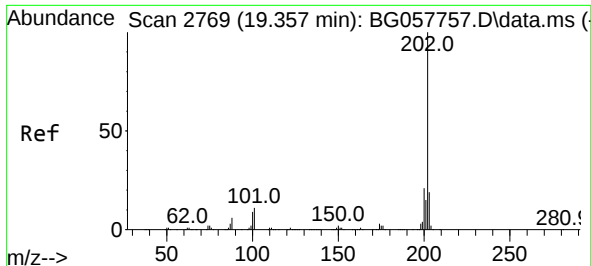
Tgt Ion:167	Resp:	22674
Ion Ratio	Lower	Upper
167	100	
166	24.1	18.4 27.6
139	10.7	9.9 14.9



#74
 Di-n-butylphthalate
 Concen: 0.349 ng
 RT: 18.269 min Scan# 2584
 Delta R.T. -0.001 min
 Lab File: BG057772.D
 Acq: 20 Jun 2023 12:06

Tgt Ion:149	Resp:	4295
Ion Ratio	Lower	Upper
149	100	
150	14.2	7.5 11.3#
104	6.7	4.1 6.1#

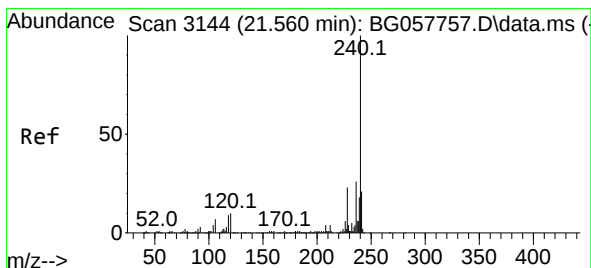
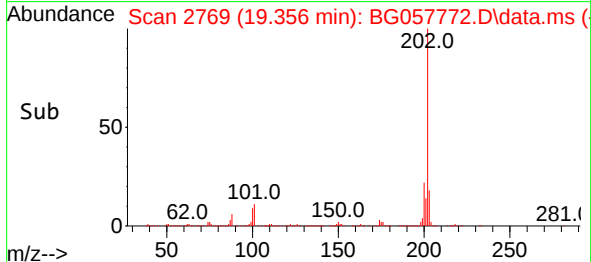
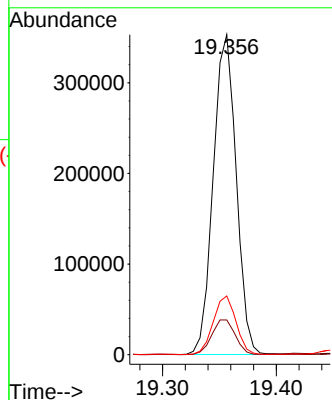
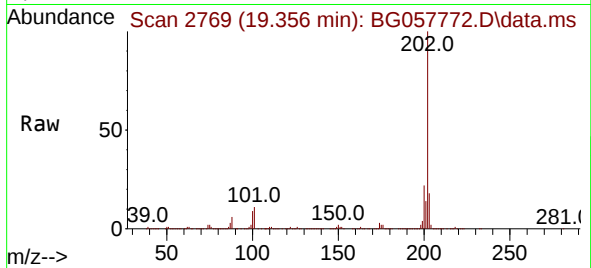




#75
Fluoranthene
Concen: 37.725 ng
RT: 19.356 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

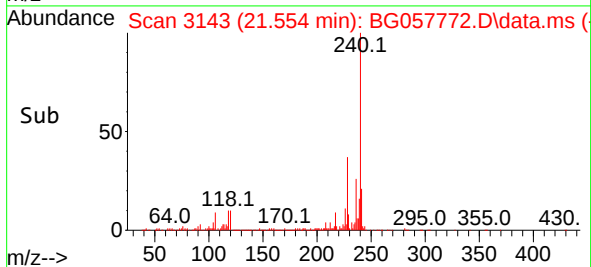
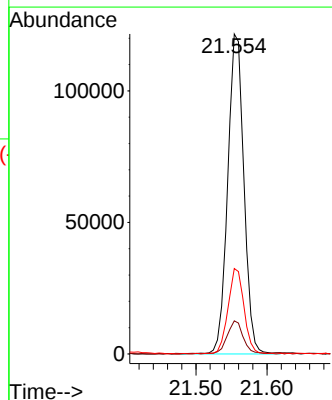
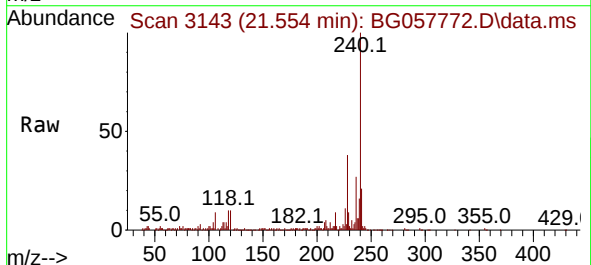
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

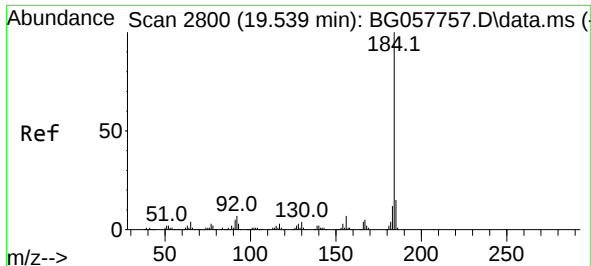
Tgt Ion:202 Resp: 495967
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.3
203 18.3 0.0 38.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:240 Resp: 191838
Ion Ratio Lower Upper
240 100
120 10.4 8.1 12.1
236 26.7 20.6 30.8

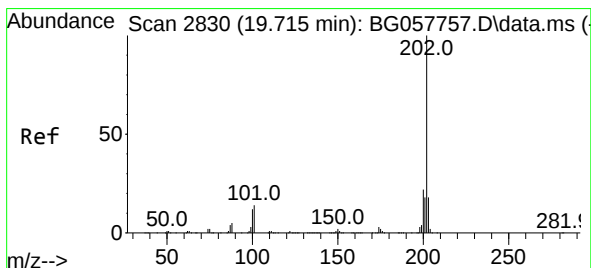
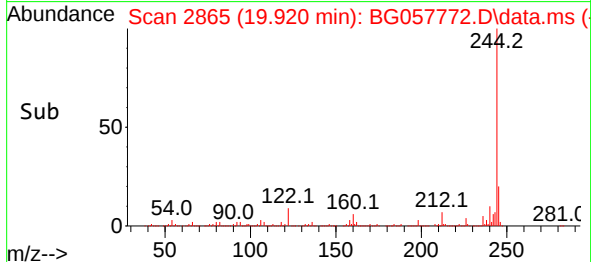
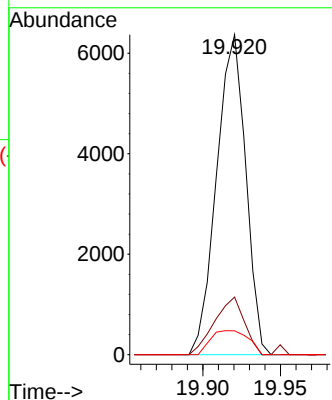
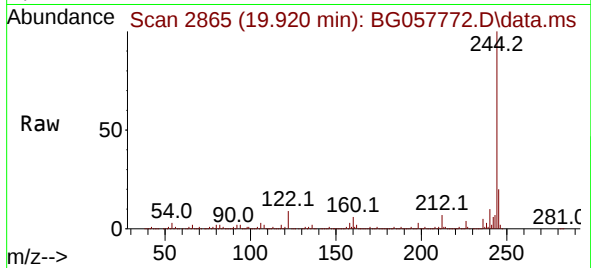




#77
Benzidine
Concen: 1.850 ng
RT: 19.920 min Scan# 2865
Delta R.T. 0.381 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

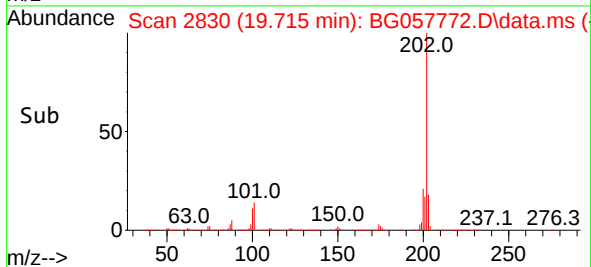
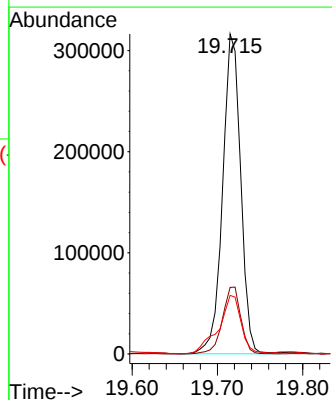
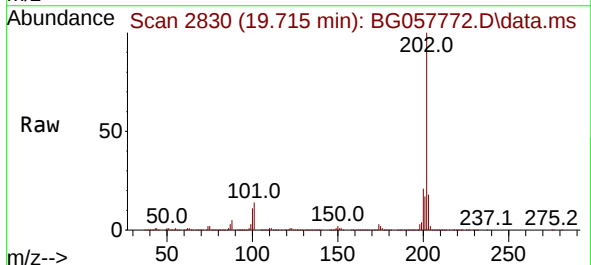
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

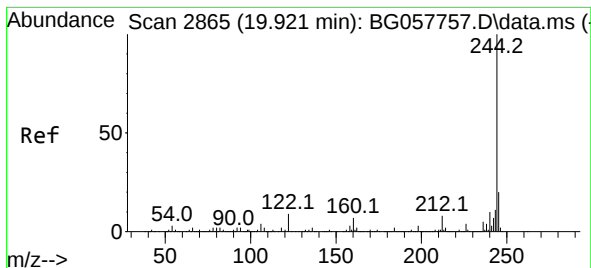
Tgt Ion:184 Resp: 8317
Ion Ratio Lower Upper
184 100
185 18.0 12.0 18.0#
183 7.4 9.4 14.0#



#78
Pyrene
Concen: 34.025 ng
RT: 19.715 min Scan# 2830
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:202 Resp: 465623
Ion Ratio Lower Upper
202 100
200 20.8 17.4 26.0
203 18.3 14.6 22.0





#79

Terphenyl-d14

Concen: 57.579 ng

RT: 19.920 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

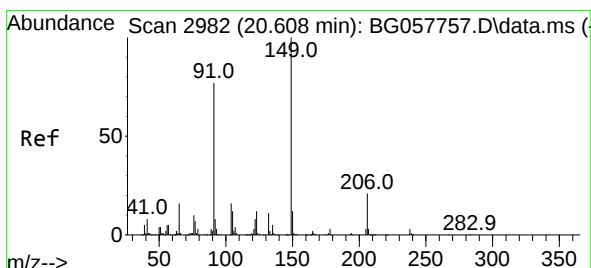
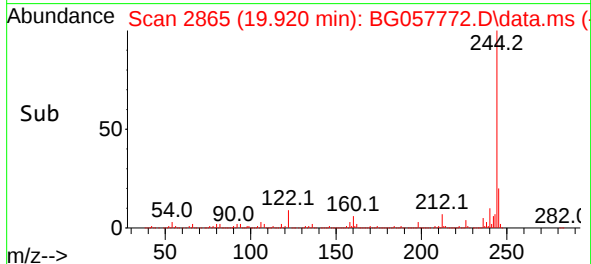
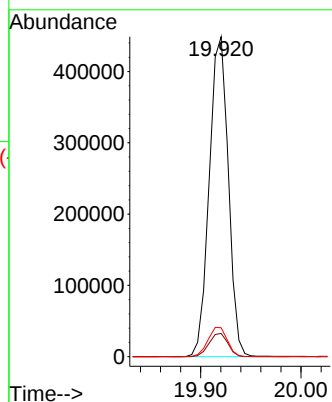
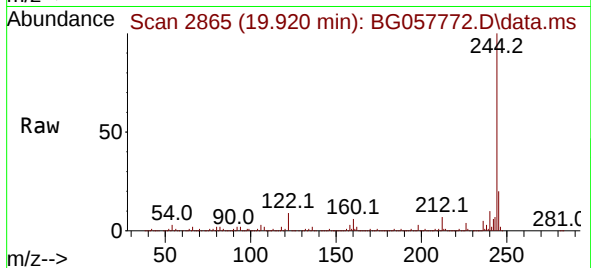
Tgt Ion:244 Resp: 592374

Ion Ratio Lower Upper

244 100

212 7.3 6.1 9.1

122 9.0 7.6 11.4



#80

Butylbenzylphthalate

Concen: 0.213 ng

RT: 20.608 min Scan# 2982

Delta R.T. -0.001 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

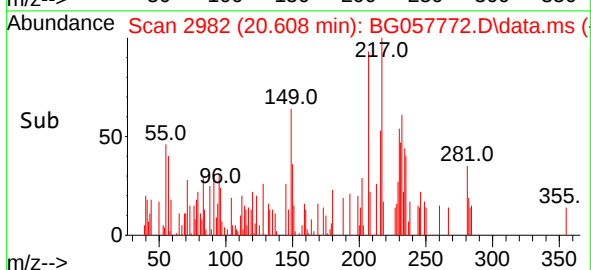
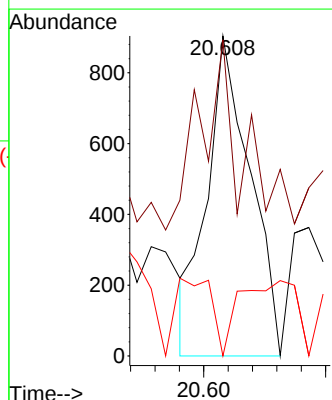
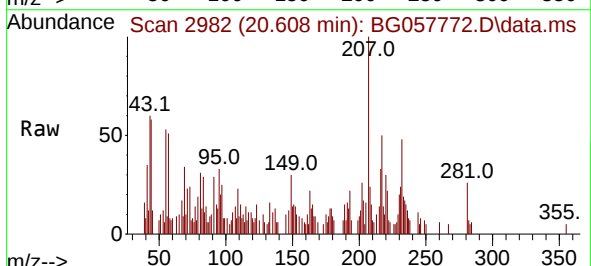
Tgt Ion:149 Resp: 1110

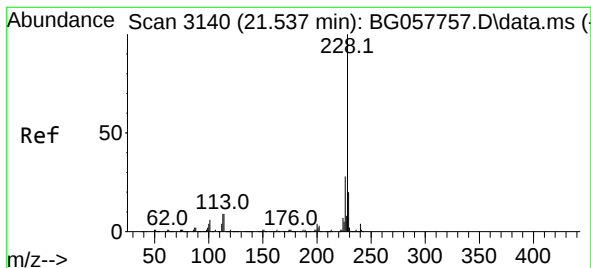
Ion Ratio Lower Upper

149 100

91 98.8 61.7 92.5#

206 0.0 16.6 24.8#





#81

Benzo(a)anthracene

Concen: 20.528 ng

RT: 21.536 min Scan# 3140

Delta R.T. -0.001 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

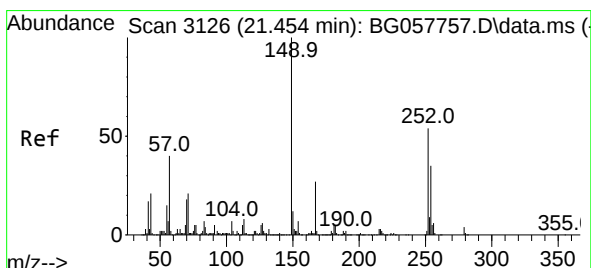
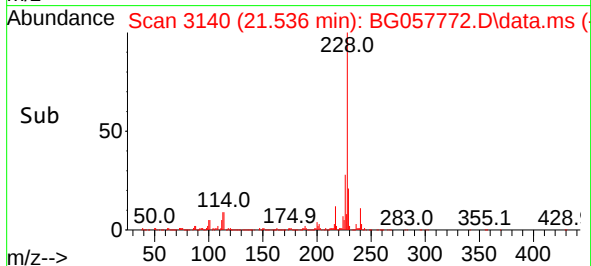
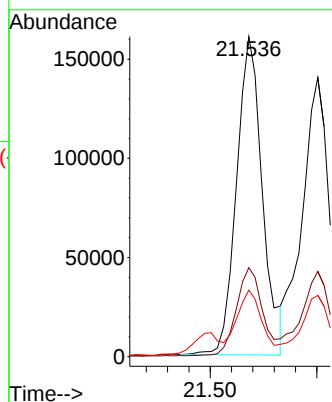
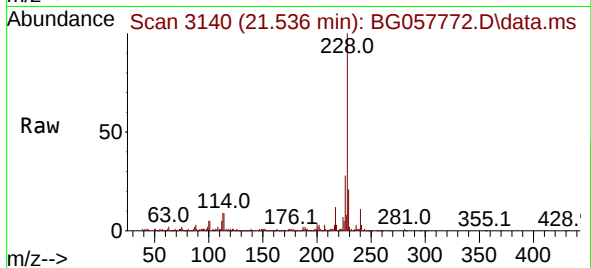
Tgt Ion:228 Resp: 270191

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

229 20.8 16.3 24.5



#82

3,3'-Dichlorobenzidine

Concen: 0.035 ng

RT: 21.425 min Scan# 3121

Delta R.T. -0.030 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

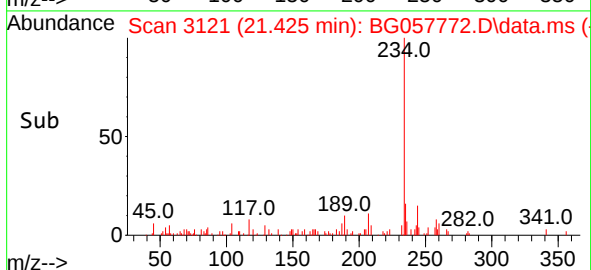
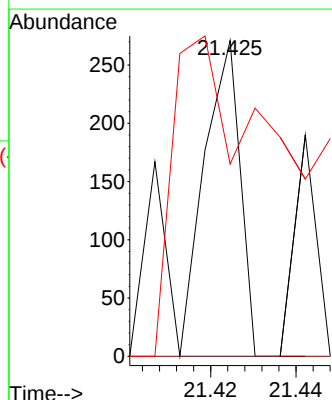
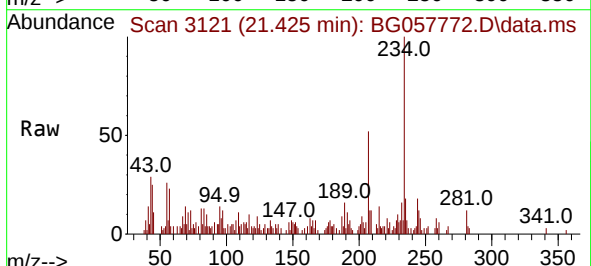
Tgt Ion:252 Resp: 158

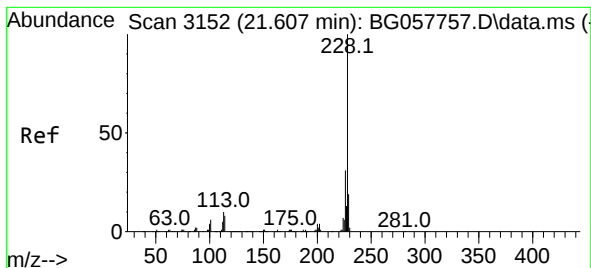
Ion Ratio Lower Upper

252 100

254 0.0 51.0 76.6#

126 60.9 7.0 10.6#





#83

Chrysene

Concen: 19.534 ng

RT: 21.601 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

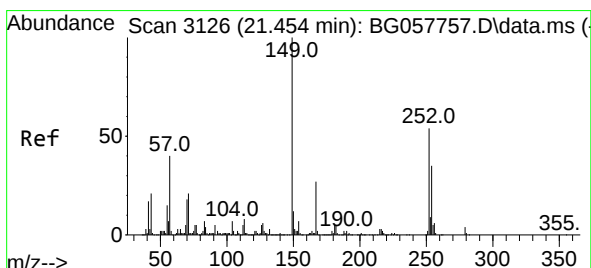
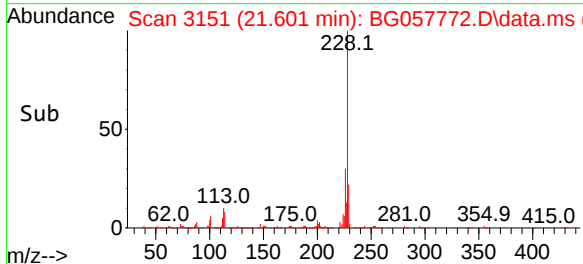
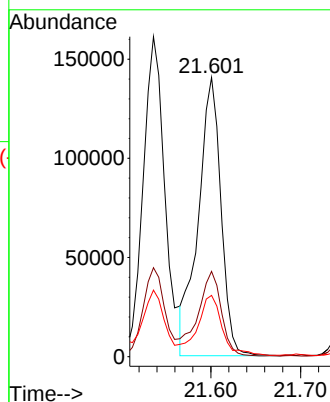
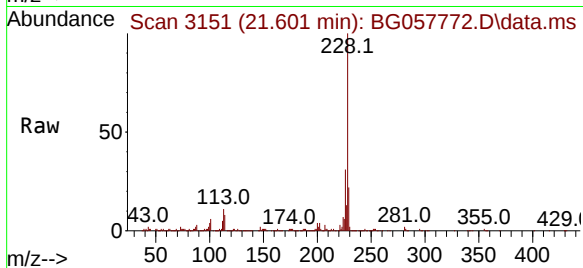
Tgt Ion:228 Resp: 246744

Ion Ratio Lower Upper

228 100

226 30.5 24.8 37.2

229 22.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 0.604 ng

RT: 21.454 min Scan# 3126

Delta R.T. -0.001 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

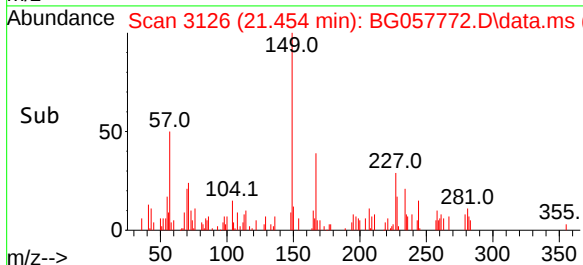
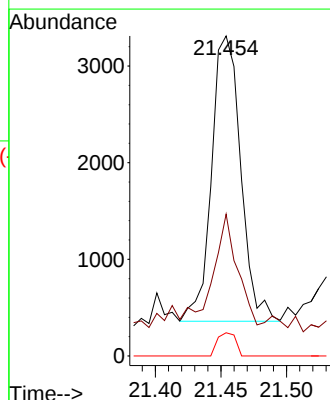
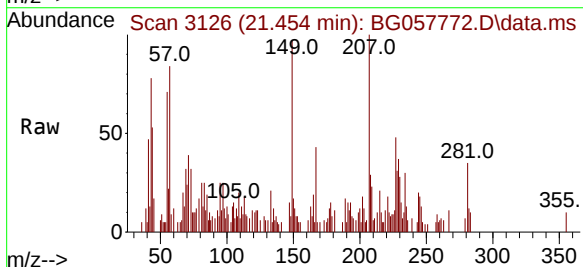
Tgt Ion:149 Resp: 4564

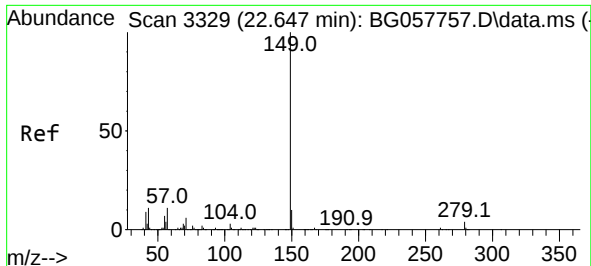
Ion Ratio Lower Upper

149 100

167 44.3 21.8 32.8#

279 7.2 2.9 4.3#

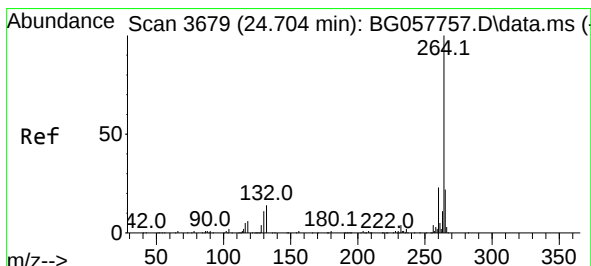
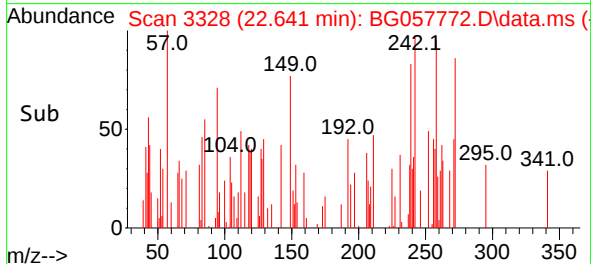
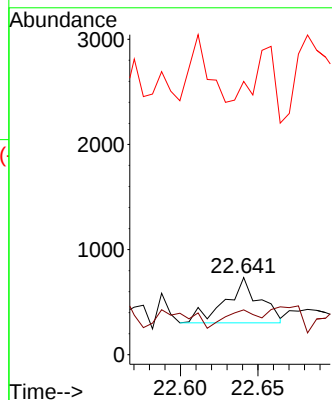
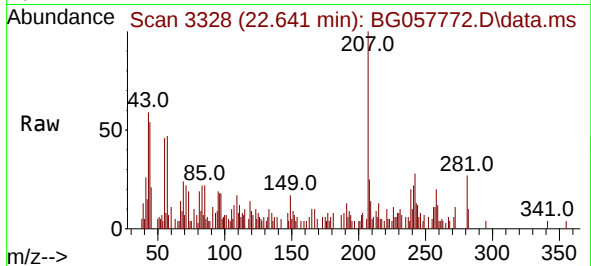




#85
Di-n-octyl phthalate
Concen: 0.049 ng
RT: 22.641 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

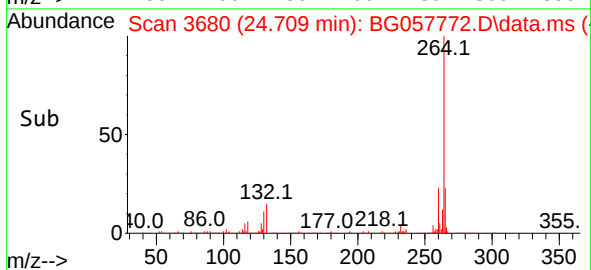
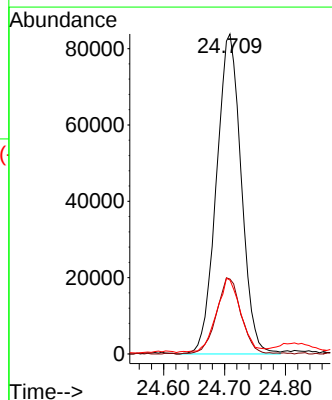
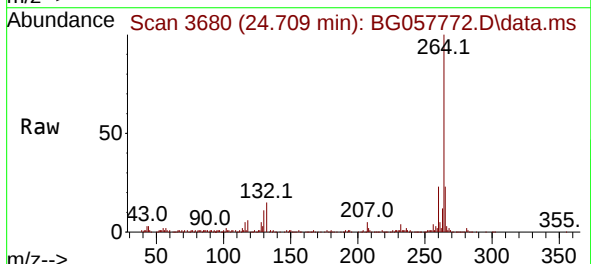
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

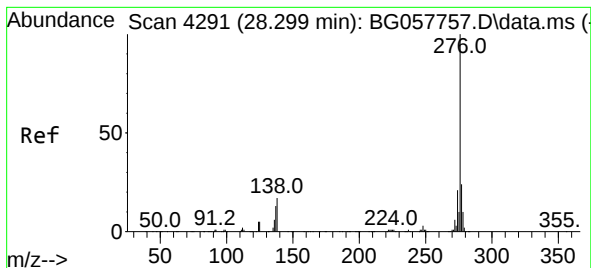
Tgt Ion:149 Resp: 656
Ion Ratio Lower Upper
149 100
167 38.4 1.2 1.8#
43 112.0 9.6 14.4#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.709 min Scan# 3680
Delta R.T. 0.005 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:264 Resp: 237031
Ion Ratio Lower Upper
264 100
260 23.4 18.5 27.7
265 23.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 12.074 ng

RT: 28.293 min Scan# 41

Delta R.T. -0.006 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

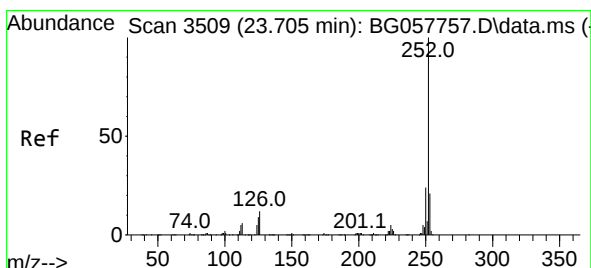
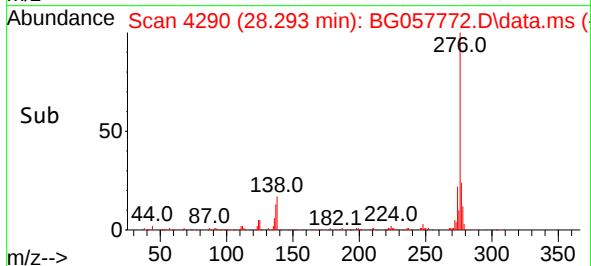
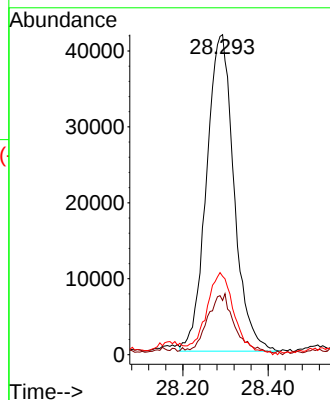
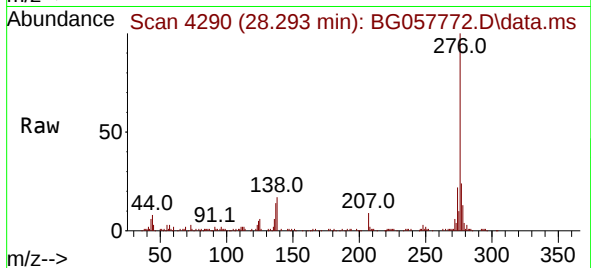
Tgt Ion:276 Resp: 187115

Ion Ratio Lower Upper

276 100

138 18.3 11.3 16.9#

277 26.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 27.335 ng

RT: 23.710 min Scan# 3510

Delta R.T. 0.005 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

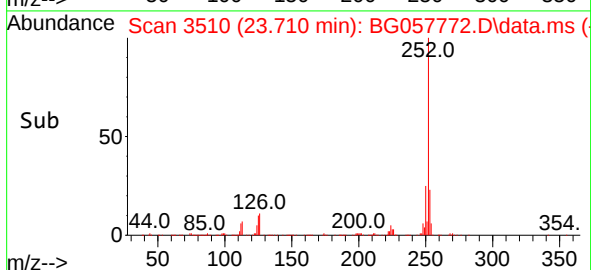
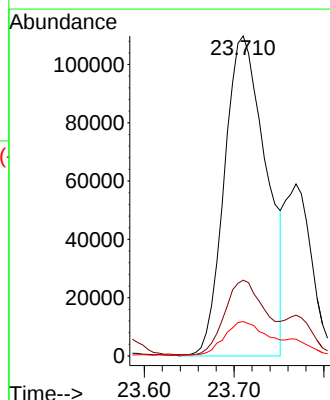
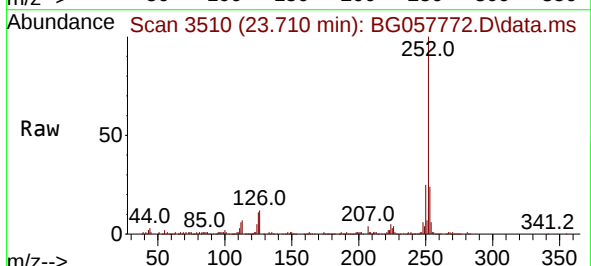
Tgt Ion:252 Resp: 355056

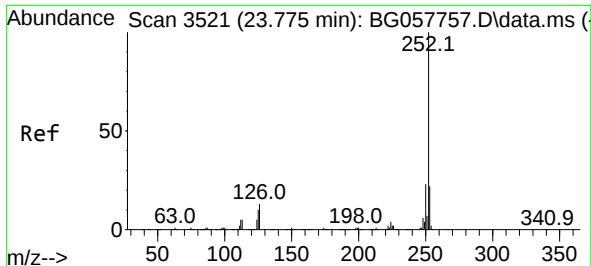
Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 10.8 7.4 11.0

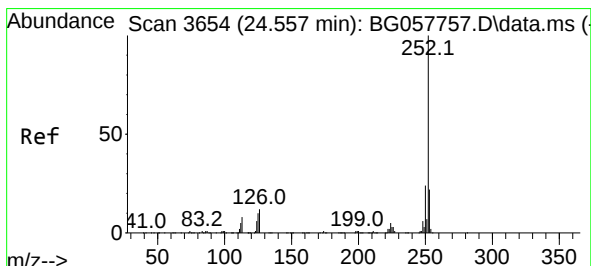
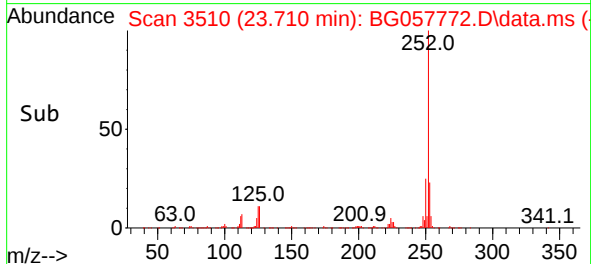
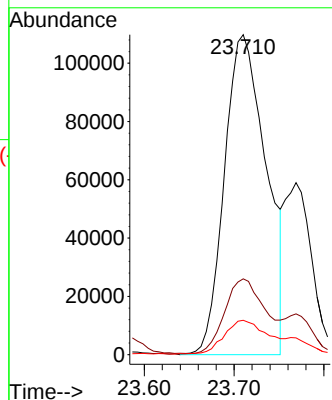
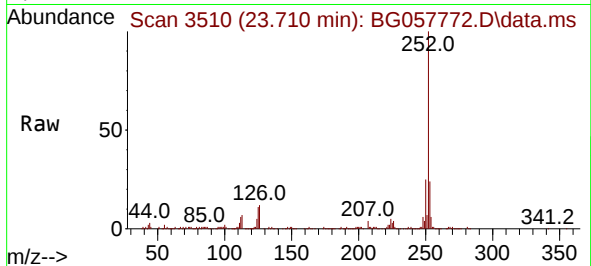




#89
Benzo(k)fluoranthene
Concen: 26.839 ng
RT: 23.710 min Scan# 3510
Delta R.T. -0.065 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

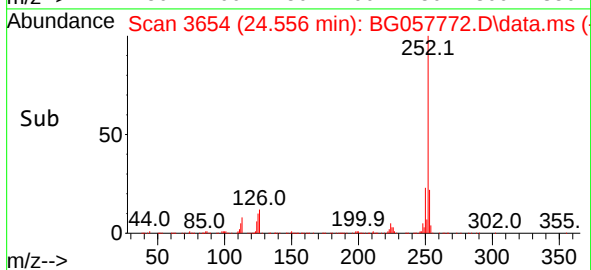
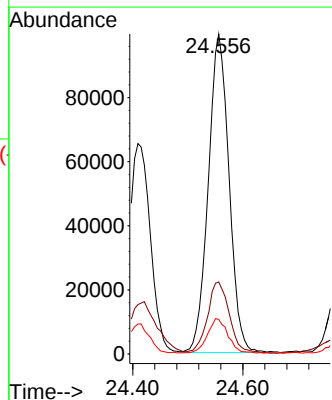
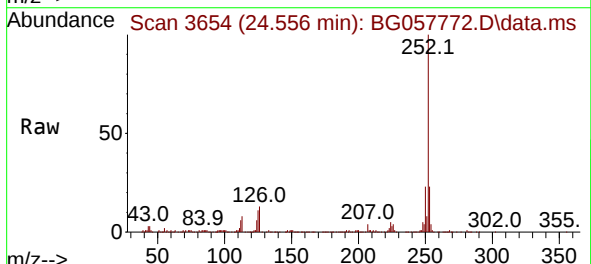
Instrument :
BNA_G
ClientSampleId :
SB-02-0-2.0

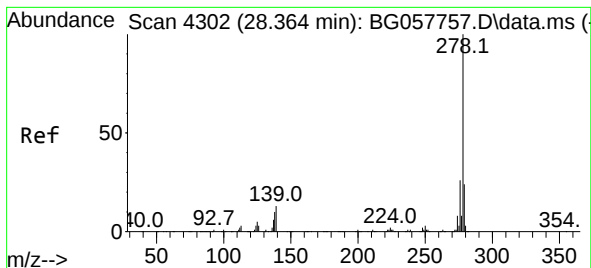
Tgt Ion:252 Resp: 355056
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 10.8 7.6 11.4



#90
Benzo(a)pyrene
Concen: 20.406 ng
RT: 24.556 min Scan# 3654
Delta R.T. -0.001 min
Lab File: BG057772.D
Acq: 20 Jun 2023 12:06

Tgt Ion:252 Resp: 260308
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.8 8.0 12.0





#91

Dibenzo(a,h)anthracene

Concen: 0.641 ng

RT: 28.164 min Scan# 41

Delta R.T. -0.200 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Instrument :

BNA_G

ClientSampleId :

SB-02-0-2.0

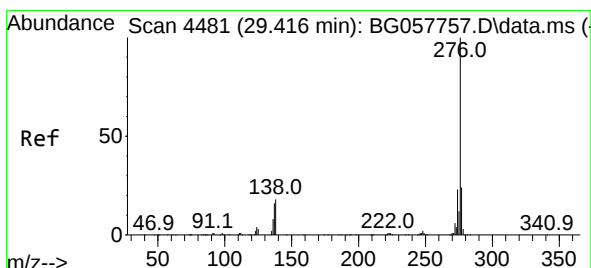
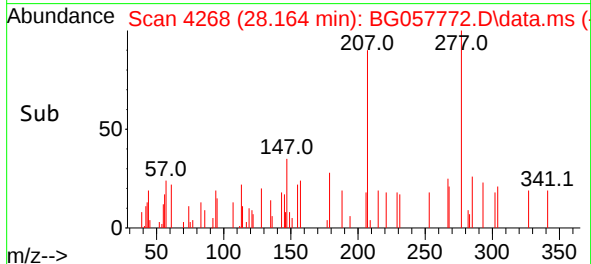
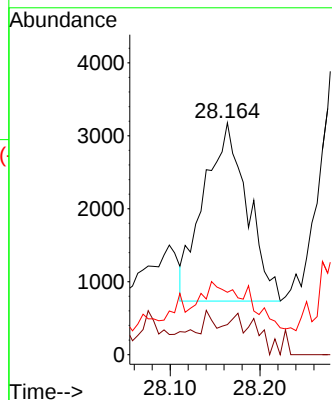
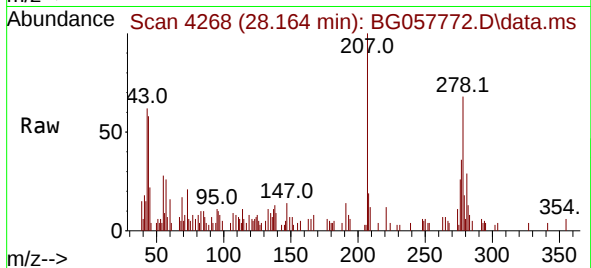
Tgt Ion:278 Resp: 8245

Ion Ratio Lower Upper

278 100

139 12.9 10.8 16.2

279 26.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 14.609 ng

RT: 29.403 min Scan# 4479

Delta R.T. -0.012 min

Lab File: BG057772.D

Acq: 20 Jun 2023 12:06

Tgt Ion:276 Resp: 188091

Ion Ratio Lower Upper

276 100

277 22.5 19.4 29.0

138 17.8 14.2 21.4

