

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057189.D
 Acq On : 26 Apr 2023 12:40
 Operator : CG/JU
 Sample : 02423-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPD-2WC-23-04-18

Quant Time: Apr 27 03:05:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 03:02:41 2023
 Response via : Initial Calibration

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

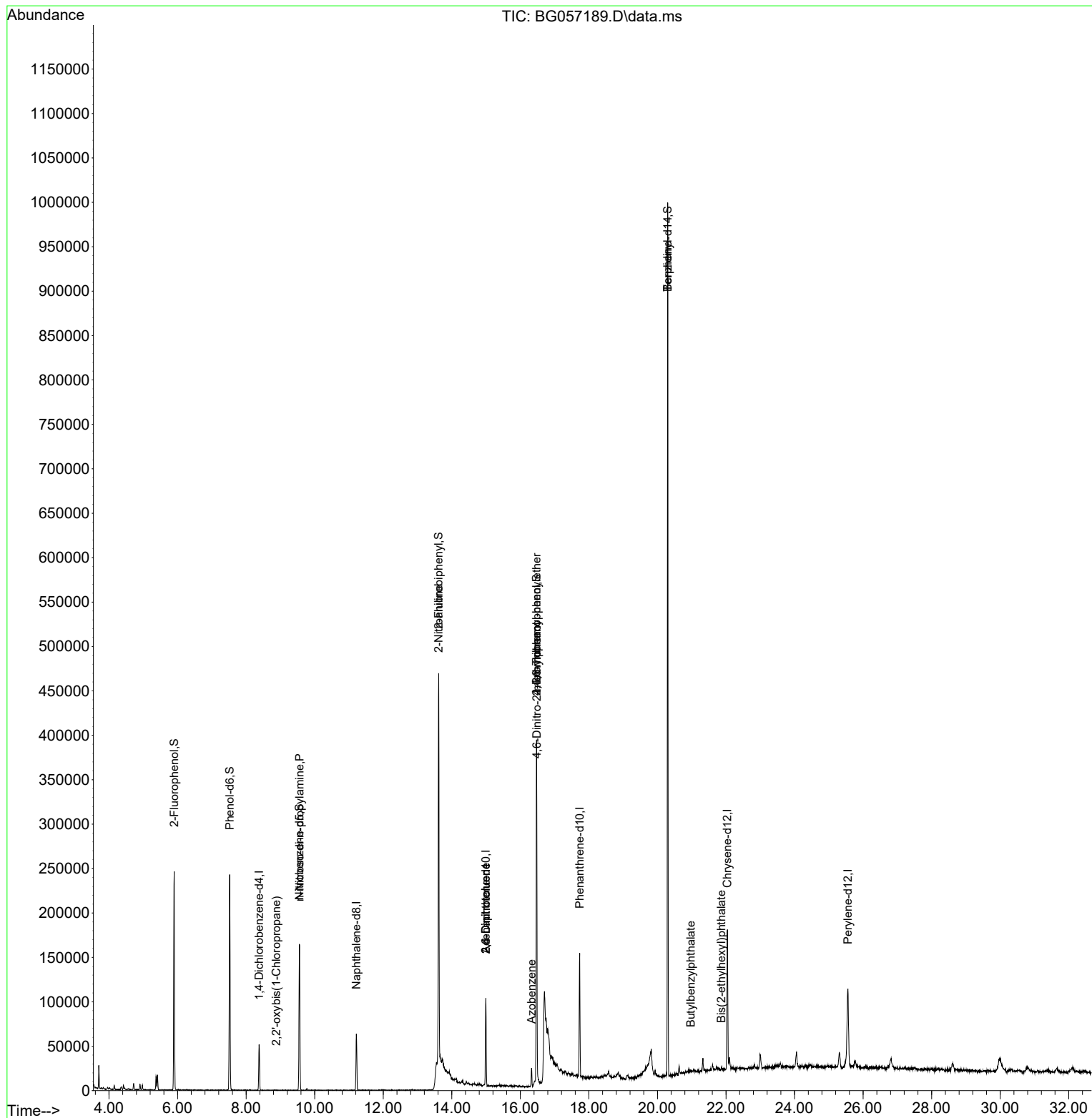
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.379	152	13176	20.000	ng	0.00
21) Naphthalene-d8	11.216	136	51749	20.000	ng	0.00
39) Acenaphthene-d10	14.994	164	34376	20.000	ng	0.00
64) Phenanthrene-d10	17.731	188	90131	20.000	ng	0.00
76) Chrysene-d12	22.037	240	101760	20.000	ng	#-0.01
86) Perylene-d12	25.556	264	102253	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.900	112	99119	136.324	ng	0.00
7) Phenol-d6	7.521	99	130641	124.184	ng	0.00
23) Nitrobenzene-d5	9.554	82	103557	98.929	ng	0.00
42) 2,4,6-Tribromophenol	16.474	330	72715	160.320	ng	0.00
45) 2-Fluorobiphenyl	13.619	172	222513	86.991	ng	0.00
79) Terphenyl-d14	20.298	244	480567	82.603	ng	0.00
Target Compounds						
						Qvalue
16) 2,2'-oxybis(1-Chloropr...	8.878	45	133	5.554	ng	61
19) n-Nitroso-di-n-propyla...	9.560	70	14890	22.756	ng	# 86
48) 2-Nitroaniline	13.613	65	572	5.696	ng	# 20
51) 2,6-Dinitrotoluene	14.994	165	4535	9.005	ng	# 21
57) 2,4-Dinitrotoluene	14.994	165	4535	6.613	ng	# 21
63) Azobenzene	16.327	77	7056	2.852	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.480	198	225	5.310	ng	# 1
67) 4-Bromophenyl-phenylether	16.474	248	5126	4.729	ng	# 1
77) Benzidine	20.298	184	8227	5.365	ng	# 77
80) Butylbenzylphthalate	20.974	149	147	3.290	ng	# 41
84) Bis(2-ethylhexyl)phtha...	21.867	149	619	3.736	ng	# 68

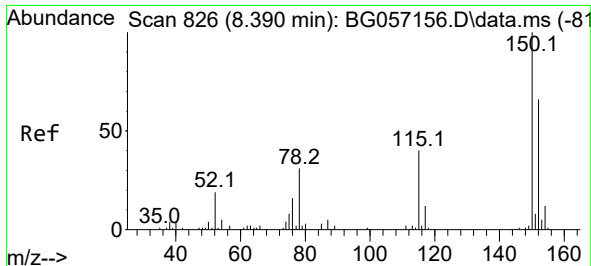
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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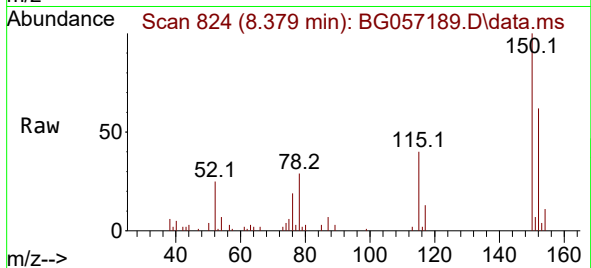
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042423.M
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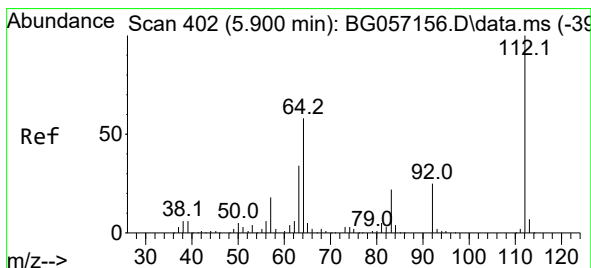
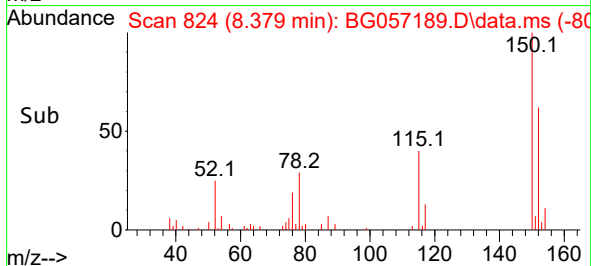
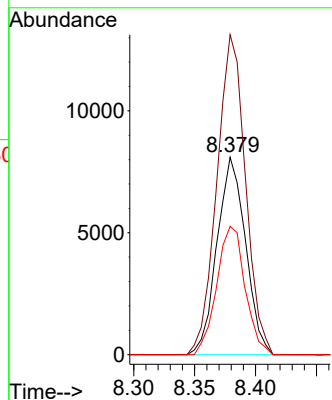


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.379 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

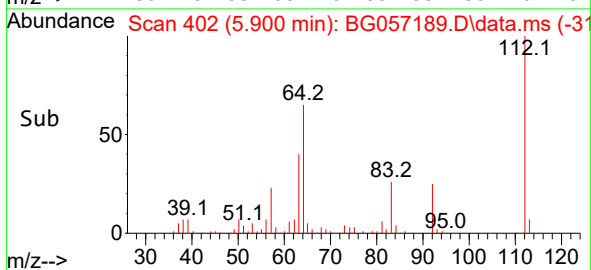
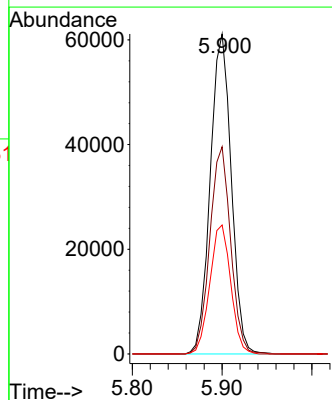
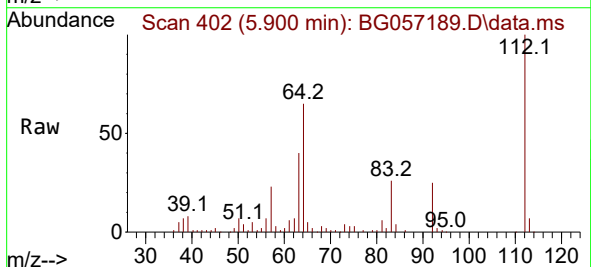


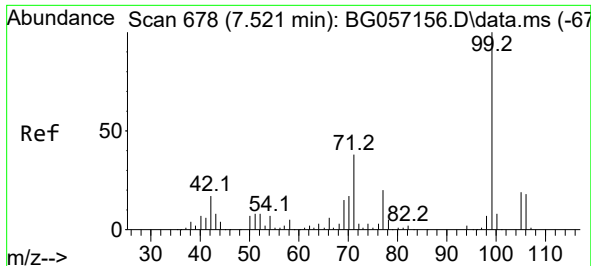
Tgt Ion:152 Resp: 13176
Ion Ratio Lower Upper
152 100
150 162.1 121.4 182.2
115 65.0 48.1 72.1



#5
2-Fluorophenol
Concen: 136.324 ng
RT: 5.900 min Scan# 402
Delta R.T. 0.008 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion:112 Resp: 99119
Ion Ratio Lower Upper
112 100
64 64.7 46.7 70.1
63 40.3 26.9 40.3

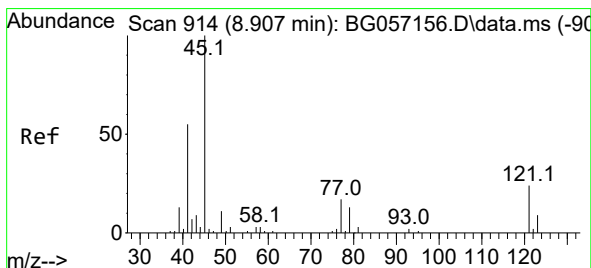
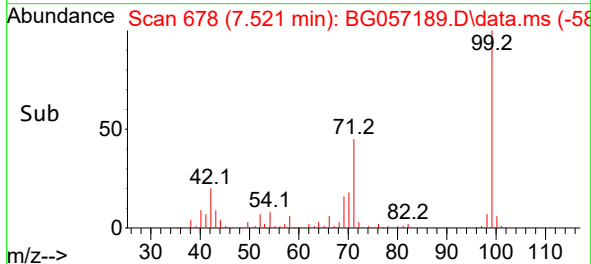
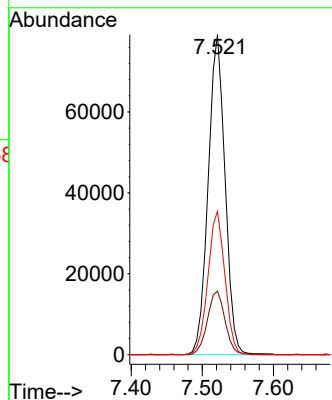
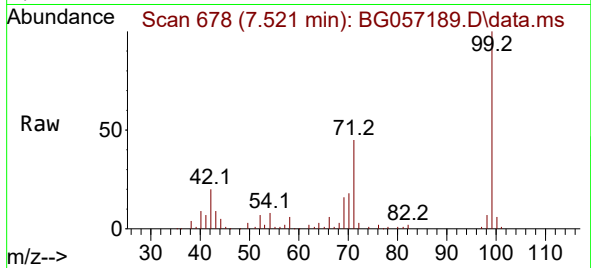




#7
Phenol-d6
Concen: 124.184 ng
RT: 7.521 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

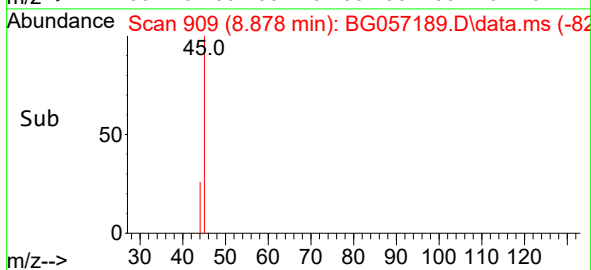
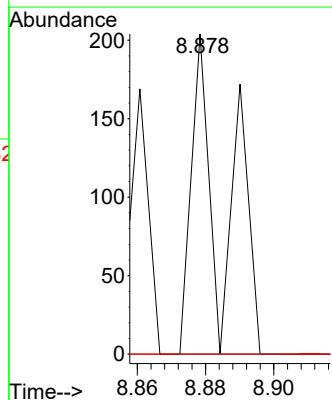
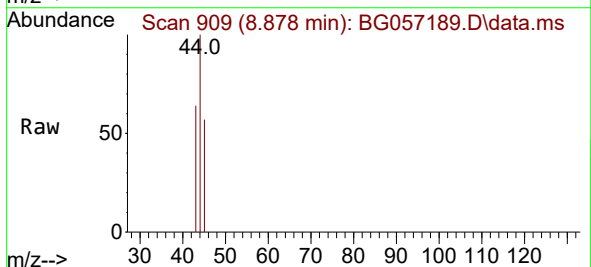
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

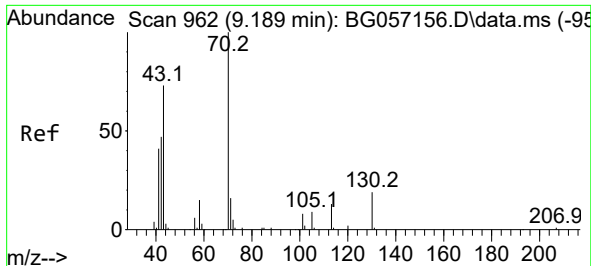
Tgt Ion: 99 Resp: 130641
Ion Ratio Lower Upper
99 100
42 19.8 13.4 20.0
71 44.8 30.2 45.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 5.554 ng
RT: 8.878 min Scan# 909
Delta R.T. -0.028 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

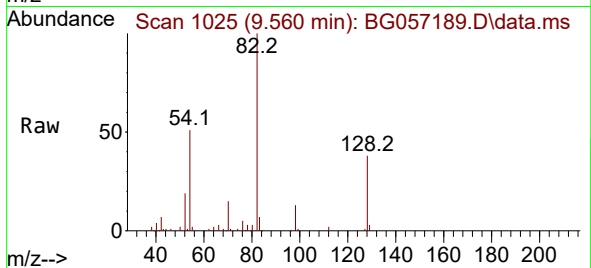
Tgt Ion: 45 Resp: 133
Ion Ratio Lower Upper
45 100
77 0.0 0.0 38.7
79 0.0 0.0 34.9



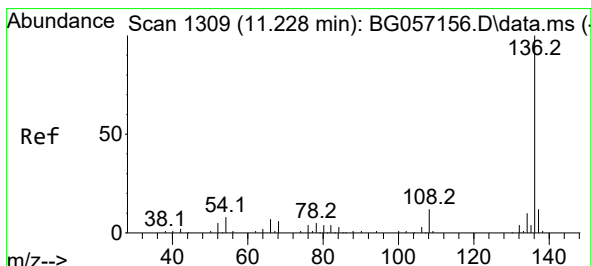
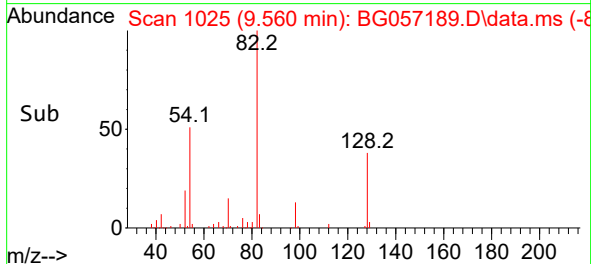
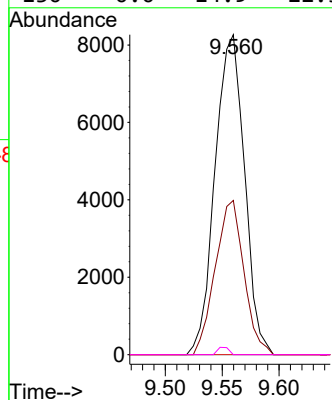


#19
n-Nitroso-di-n-propylamine
Concen: 22.756 ng
RT: 9.560 min Scan# 1025
Delta R.T. 0.378 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

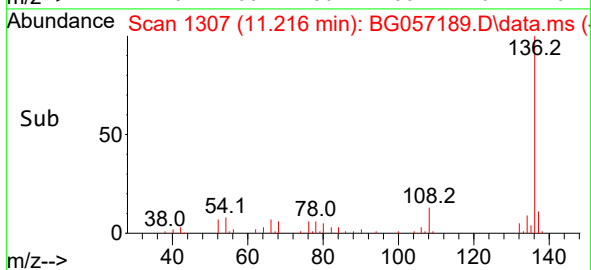
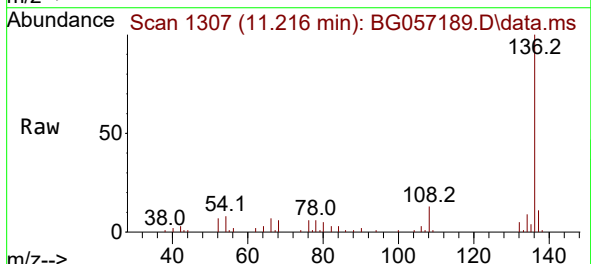
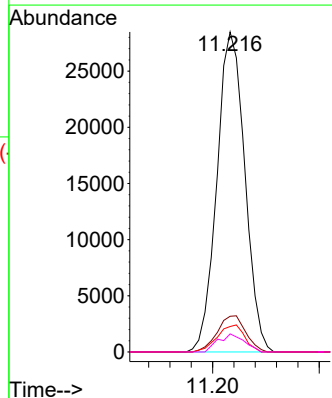


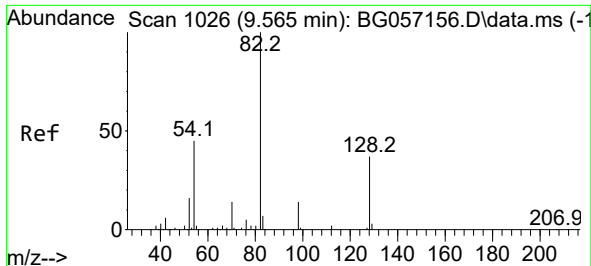
Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.2	38.0	57.0
101	0.0	6.6	9.8#
130	0.0	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.216 min Scan# 1307
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.5	14.3
54	7.9	6.4	9.6
68	5.6	4.9	7.3

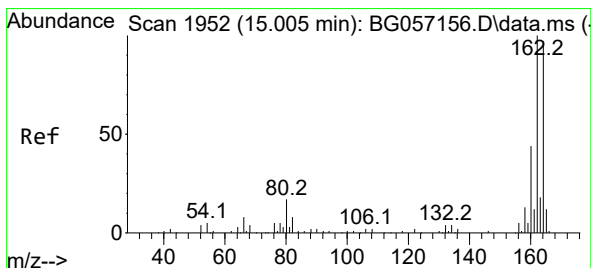
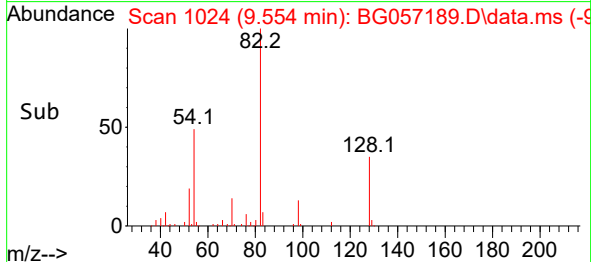
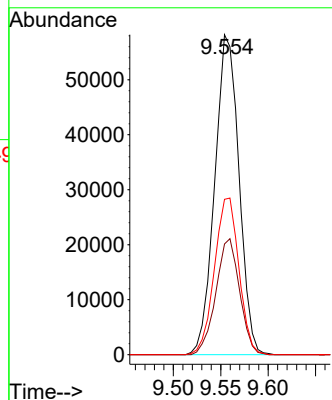
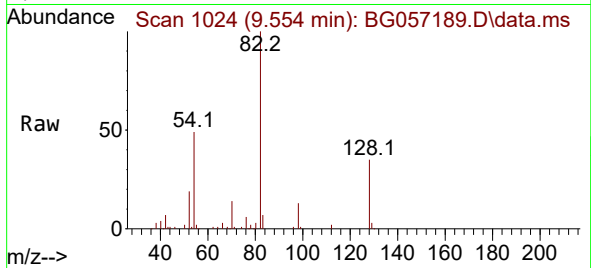




#23
Nitrobenzene-d5
Concen: 98.929 ng
RT: 9.554 min Scan# 1024
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

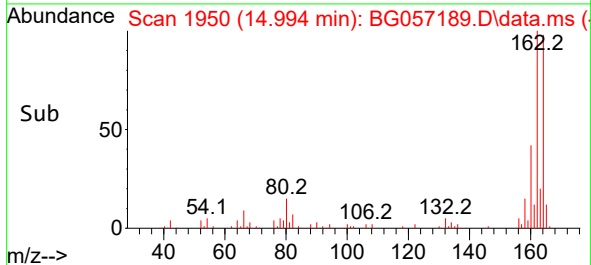
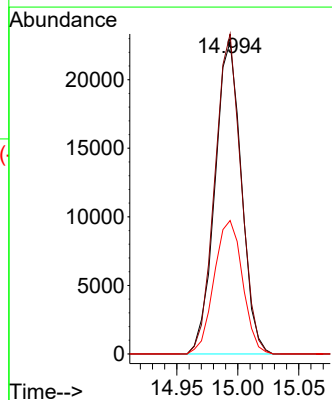
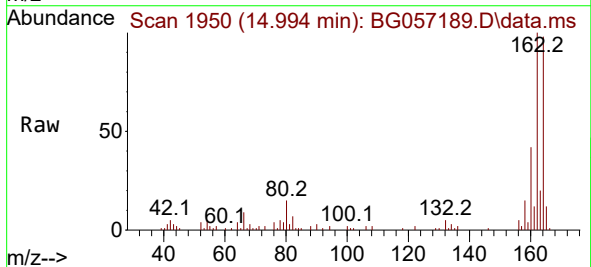
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

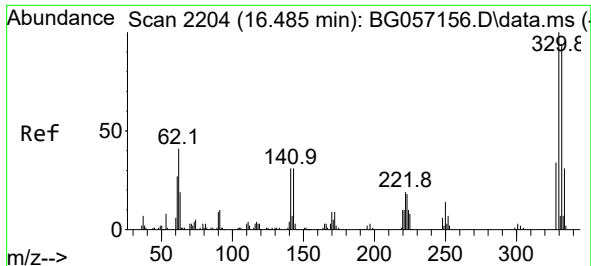
Tgt Ion: 82 Resp: 103557
Ion Ratio Lower Upper
82 100
128 34.6 29.4 44.2
54 48.5 36.2 54.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.994 min Scan# 1950
Delta R.T. 0.002 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion: 164 Resp: 34376
Ion Ratio Lower Upper
164 100
162 102.5 82.4 123.6
160 42.8 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 160.320 ng

RT: 16.474 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057189.D

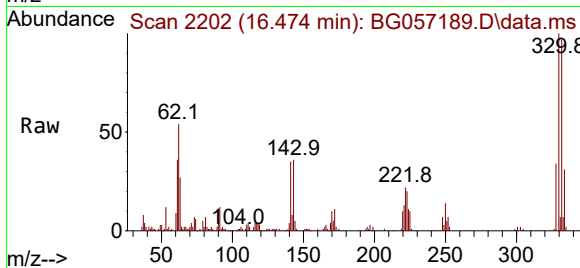
Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18



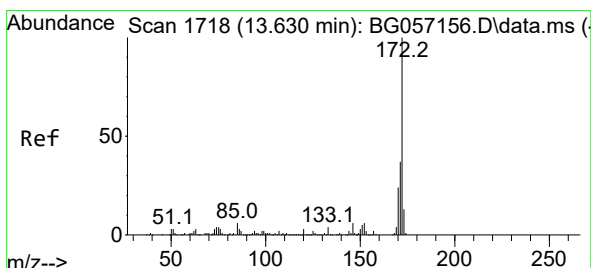
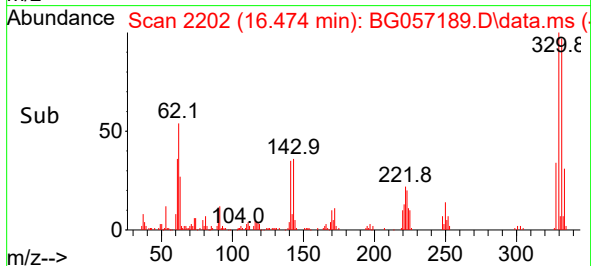
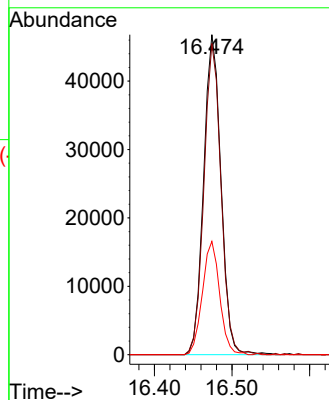
Tgt Ion:330 Resp: 72715

Ion Ratio Lower Upper

330 100

332 96.0 77.6 116.4

141 35.2 26.0 39.0



#45

2-Fluorobiphenyl

Concen: 86.991 ng

RT: 13.619 min Scan# 1716

Delta R.T. 0.002 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

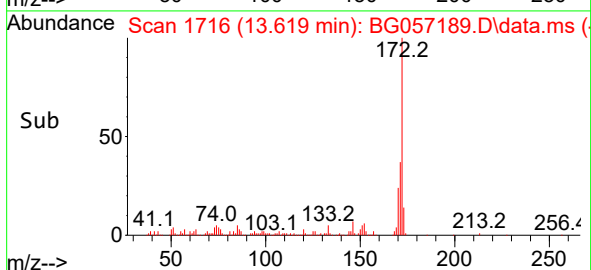
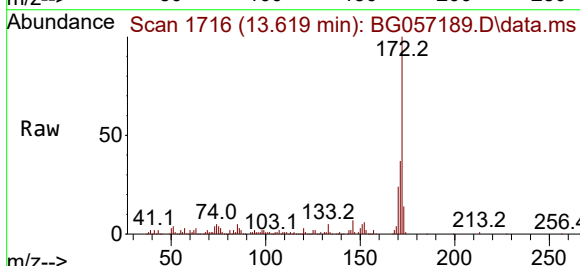
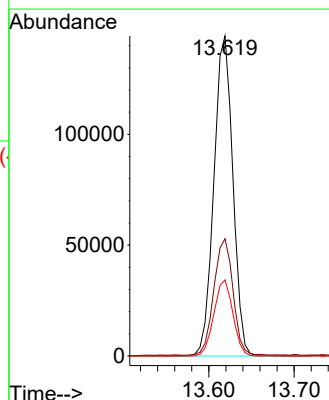
Tgt Ion:172 Resp: 222513

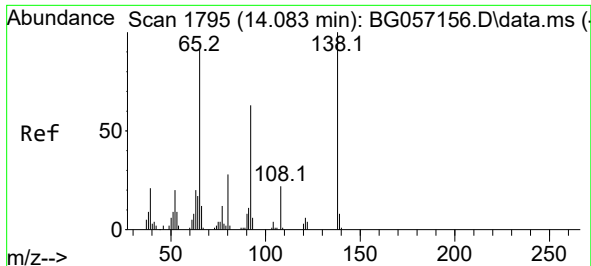
Ion Ratio Lower Upper

172 100

171 36.7 29.2 43.8

170 23.8 19.4 29.2

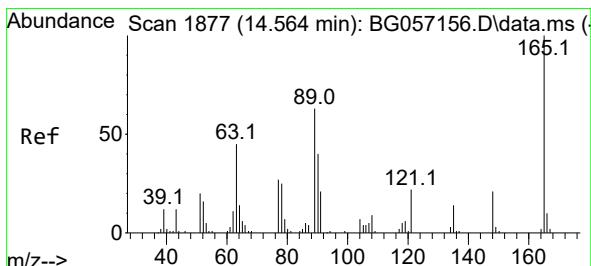
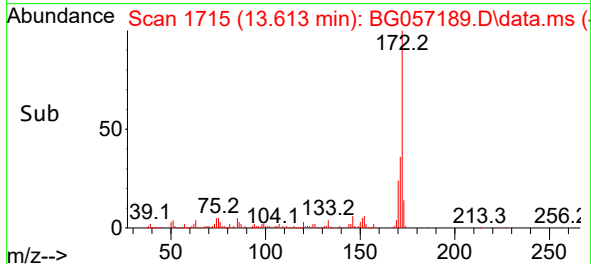
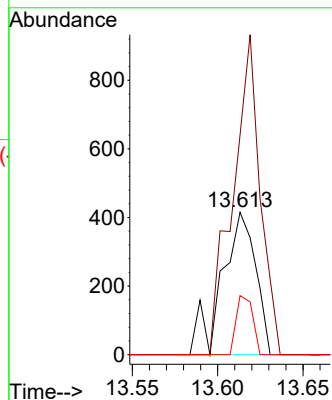
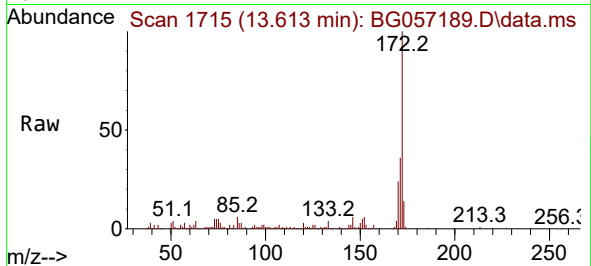




#48
2-Nitroaniline
Concen: 5.696 ng
RT: 13.613 min Scan# 11
Delta R.T. -0.468 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

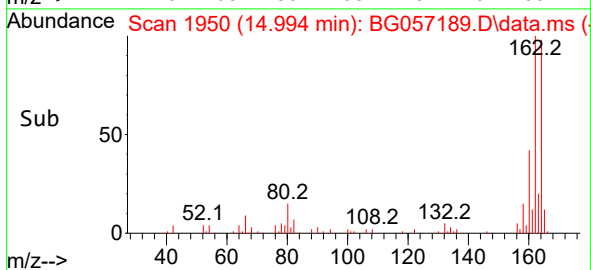
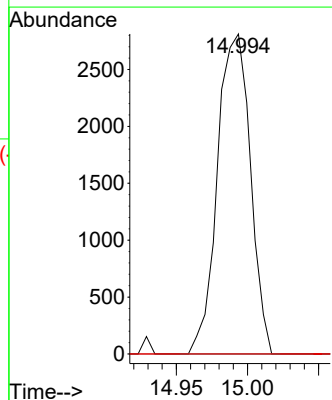
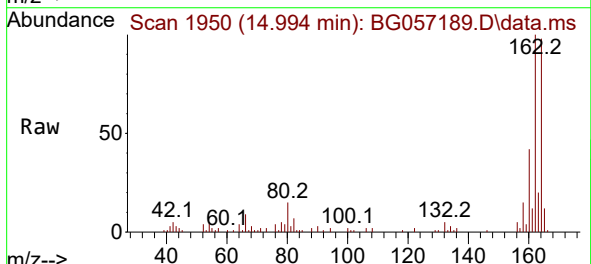
Instrument :
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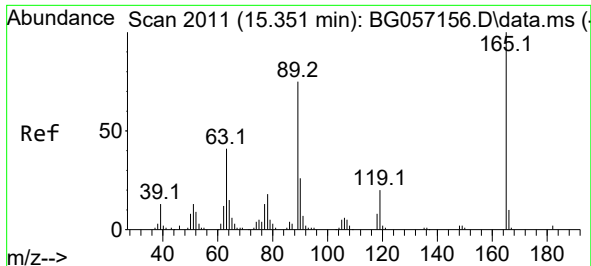
Tgt Ion: 65 Resp: 572
Ion Ratio Lower Upper
65 100
92 154.2 54.9 82.3#
138 41.4 86.6 129.8#



#51
2,6-Dinitrotoluene
Concen: 9.005 ng
RT: 14.994 min Scan# 1950
Delta R.T. 0.436 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion: 165 Resp: 4535
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#





#57

2,4-Dinitrotoluene

Concen: 6.613 ng

RT: 14.994 min Scan# 1950

Delta R.T. -0.351 min

Lab File: BG057189.D

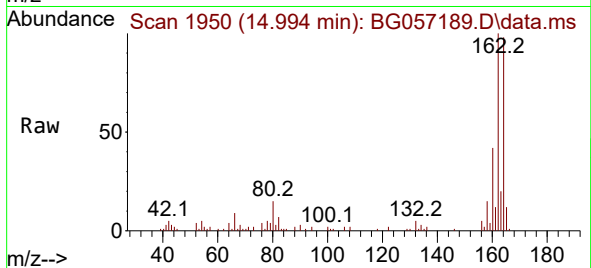
Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18



Tgt Ion:165 Resp: 4535

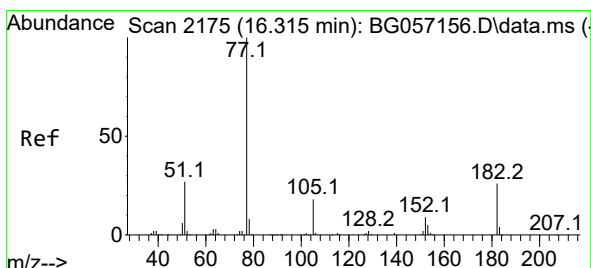
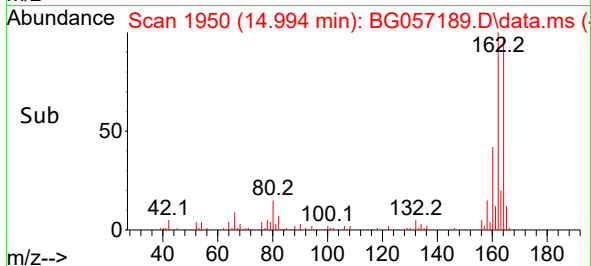
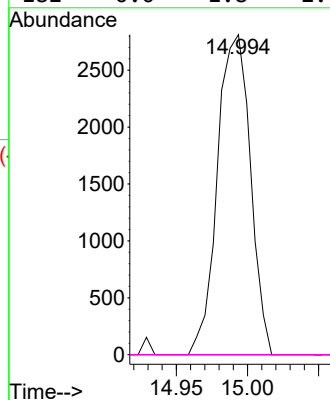
Ion Ratio Lower Upper

165 100

63 0.0 33.0 49.4#

89 0.0 60.0 90.0#

182 0.0 1.8 2.6#



#63

Azobenzene

Concen: 2.852 ng

RT: 16.327 min Scan# 2177

Delta R.T. 0.019 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

Tgt Ion: 77 Resp: 7056

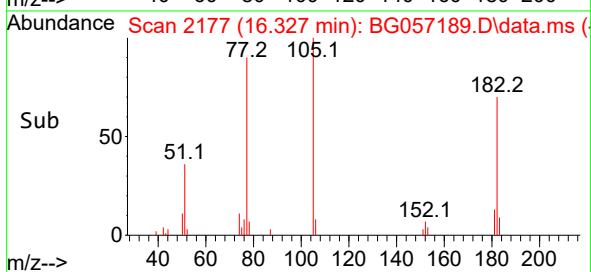
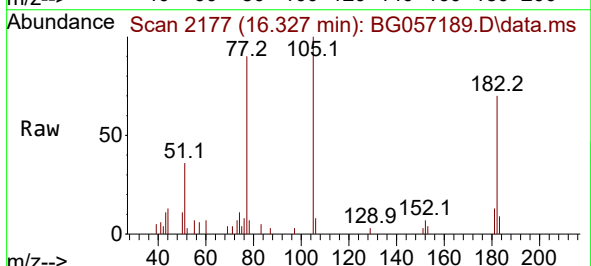
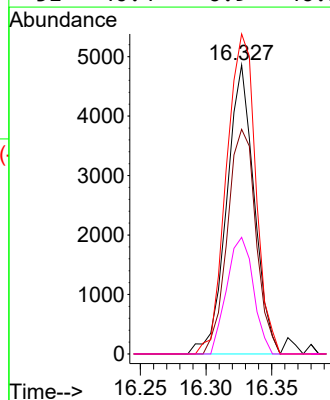
Ion Ratio Lower Upper

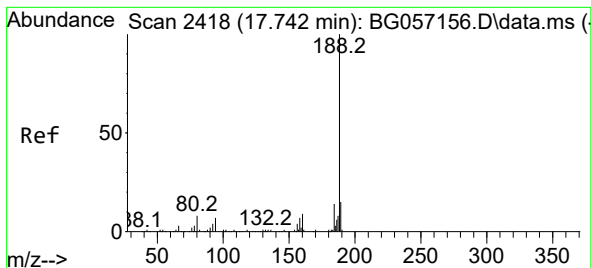
77 100

182 77.7 6.1 46.1#

105 110.8 0.0 38.4#

51 40.4 6.9 46.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.731 min Scan# 2418

Delta R.T. -0.004 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18

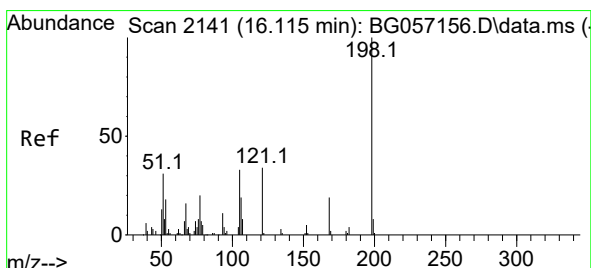
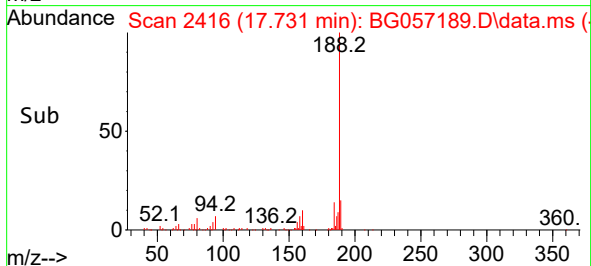
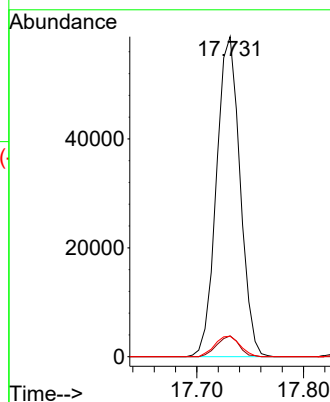
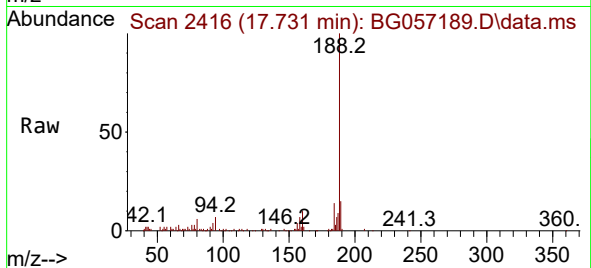
Tgt Ion:188 Resp: 90131

Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.0

80 6.4 6.2 9.2



#65

4,6-Dinitro-2-methylphenol

Concen: 5.310 ng

RT: 16.480 min Scan# 2203

Delta R.T. 0.372 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

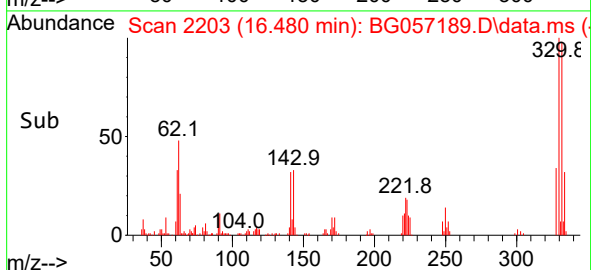
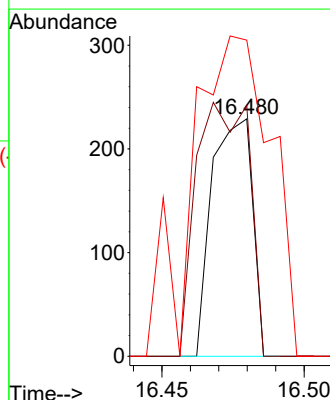
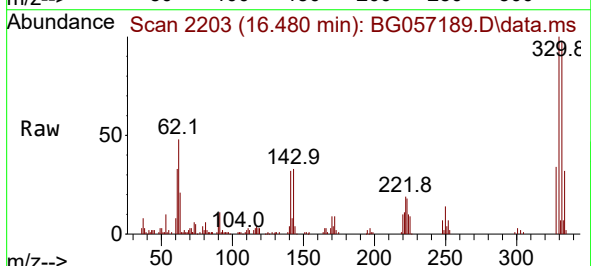
Tgt Ion:198 Resp: 225

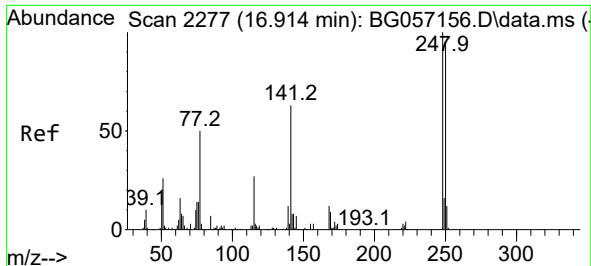
Ion Ratio Lower Upper

198 100

51 105.7 13.1 53.1#

105 133.2 14.1 54.1#

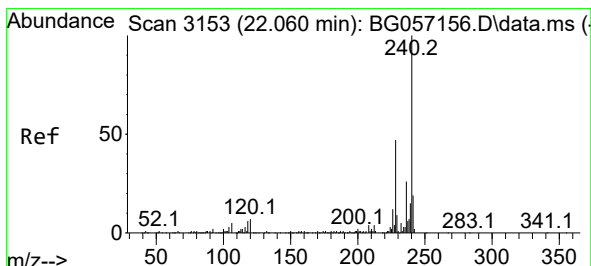
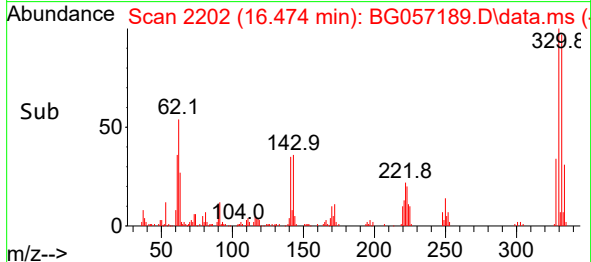
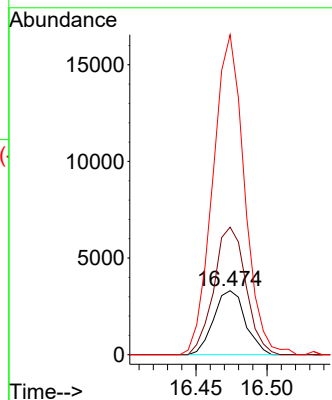
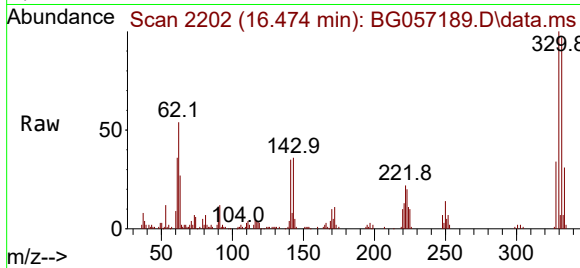




#67
4-Bromophenyl-phenylether
Concen: 4.729 ng
RT: 16.474 min Scan# 211
Delta R.T. -0.433 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

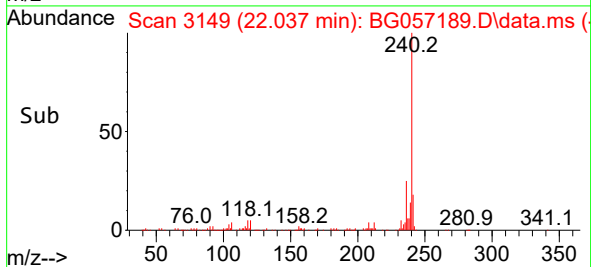
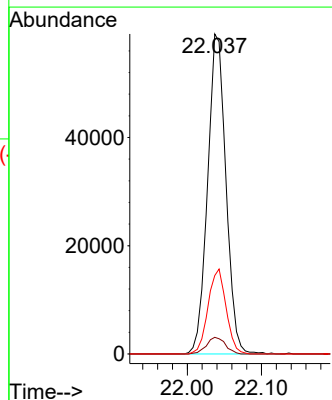
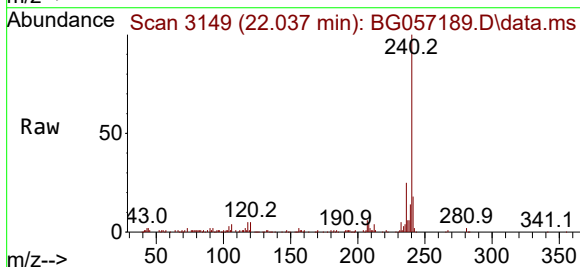
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

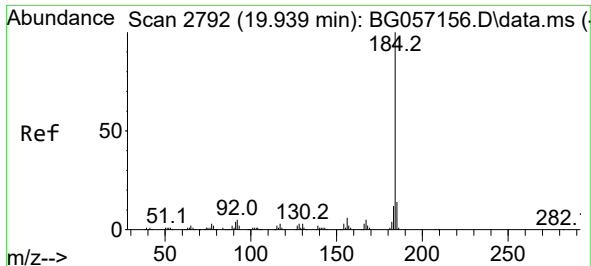
Tgt Ion:248 Resp: 5126
Ion Ratio Lower Upper
248 100
250 199.5 75.8 113.8#
141 500.6 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.037 min Scan# 3149
Delta R.T. -0.010 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion:240 Resp: 101760
Ion Ratio Lower Upper
240 100
120 5.2 5.5 8.3#
236 24.5 20.8 31.2

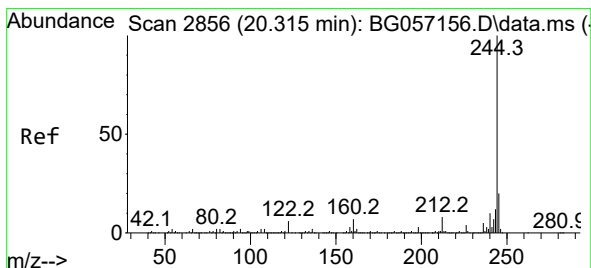
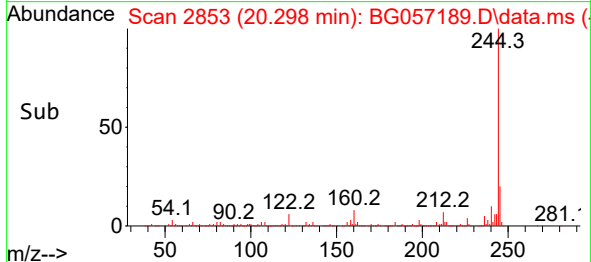
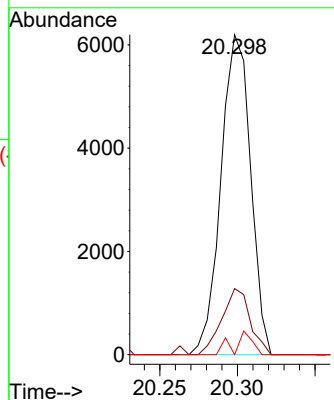
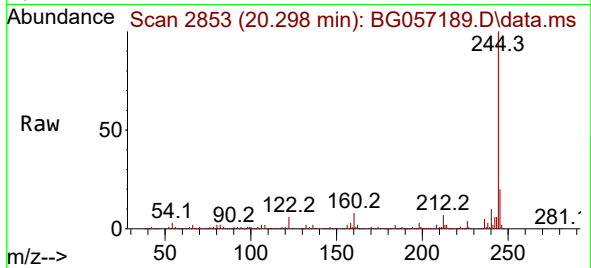




#77
Benzidine
Concen: 5.365 ng
RT: 20.298 min Scan# 21
Delta R.T. 0.372 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

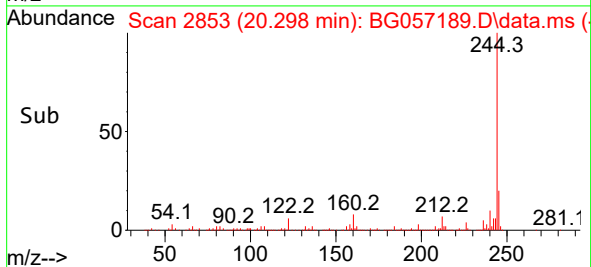
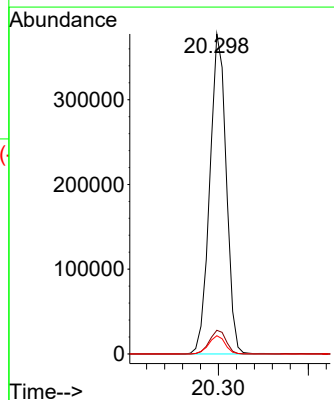
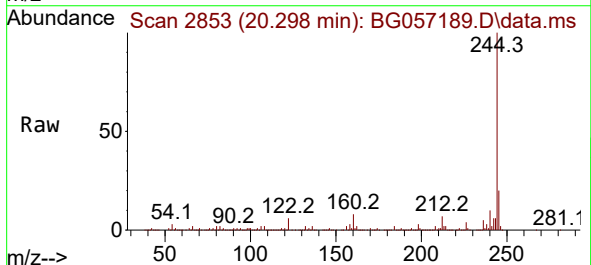
Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18

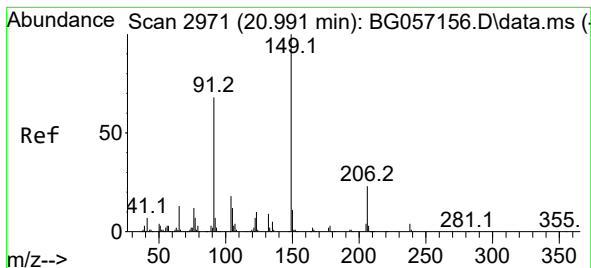
Tgt Ion:184 Resp: 8227
Ion Ratio Lower Upper
184 100
185 20.7 11.3 16.9#
183 0.0 9.4 14.0#



#79
Terphenyl-d14
Concen: 82.603 ng
RT: 20.298 min Scan# 2853
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Tgt Ion:244 Resp: 480567
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 5.7 5.0 7.4





#80

Butylbenzylphthalate

Concen: 3.290 ng

RT: 20.974 min Scan# 2971

Delta R.T. -0.004 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

Instrument :

BNA_G

ClientSampleId :

SPD-2WC-23-04-18

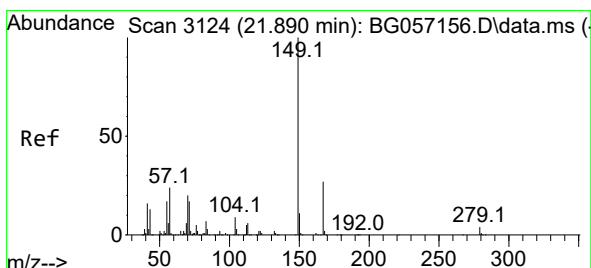
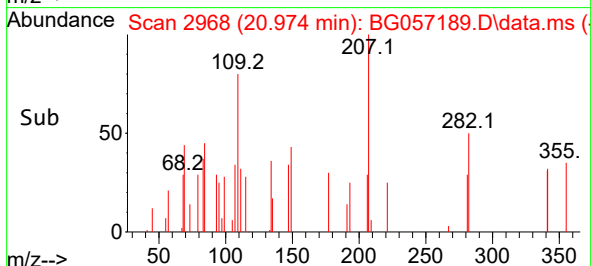
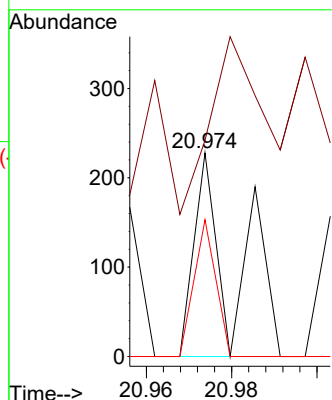
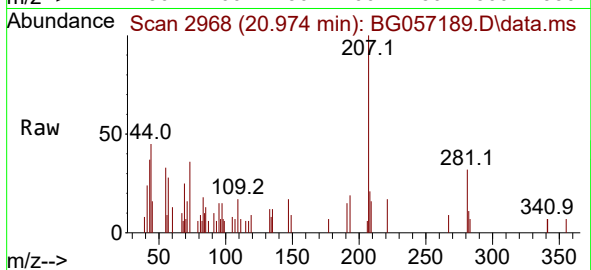
Tgt Ion:149 Resp: 147

Ion Ratio Lower Upper

149 100

91 106.1 54.1 81.1#

206 67.1 18.2 27.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.736 ng

RT: 21.867 min Scan# 3120

Delta R.T. -0.004 min

Lab File: BG057189.D

Acq: 26 Apr 2023 12:40

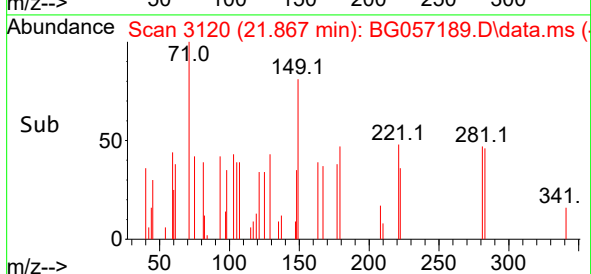
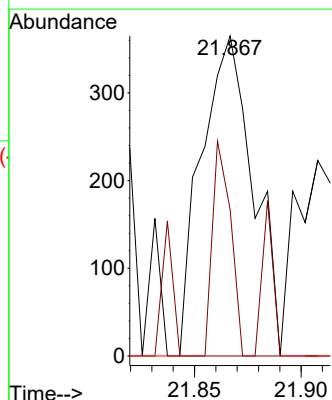
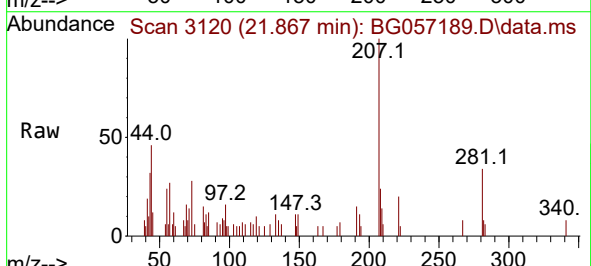
Tgt Ion:149 Resp: 619

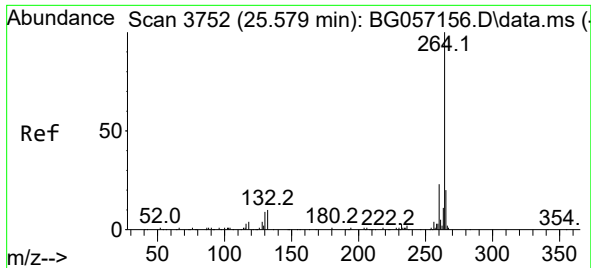
Ion Ratio Lower Upper

149 100

167 45.8 21.9 32.9#

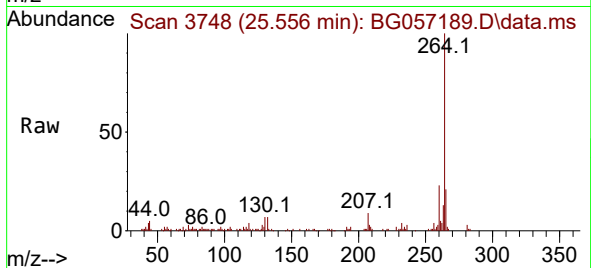
279 0.0 3.3 4.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.556 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG057189.D
Acq: 26 Apr 2023 12:40

Instrument :
BNA_G
ClientSampleId :
SPD-2WC-23-04-18



Tgt Ion: 264 Resp: 102253

Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.8	28.2
265	21.3	16.4	24.6

