

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042623\
 Data File : BG057188.D
 Acq On : 26 Apr 2023 11:57
 Operator : CG/JU
 Sample : PB152346TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB

Quant Time: Apr 27 03:05:14 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)

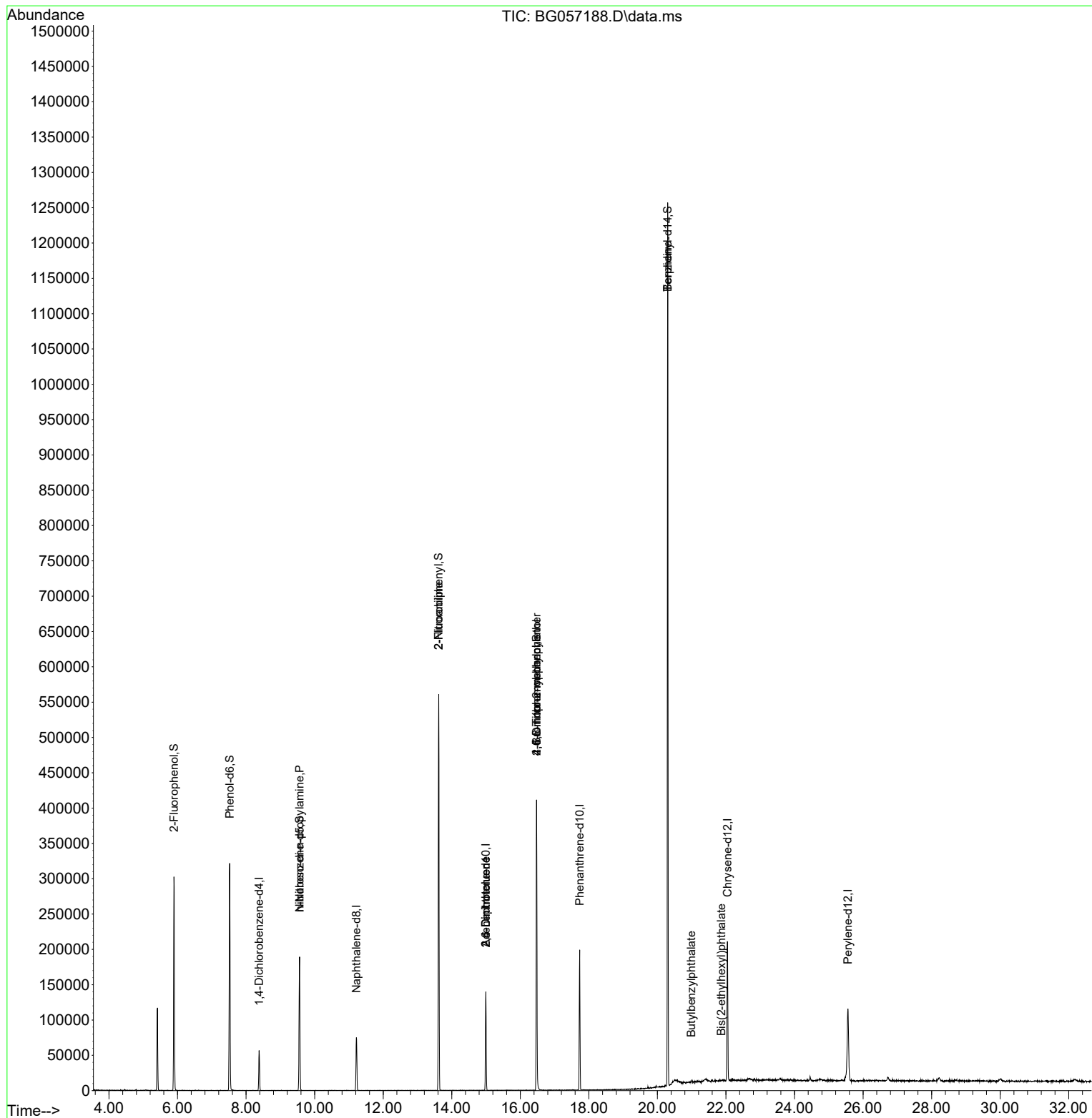
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.380	152	15006	20.000	ng	0.00
21) Naphthalene-d8	11.217	136	64307	20.000	ng	0.00
39) Acenaphthene-d10	14.995	164	49603	20.000	ng	0.00
64) Phenanthrene-d10	17.732	188	129990	20.000	ng	0.00
76) Chrysene-d12	22.044	240	131008	20.000	ng	# 0.00
86) Perylene-d12	25.557	264	129373	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.895	112	122130	147.488	ng	0.00
7) Phenol-d6	7.522	99	178872	149.296	ng	0.00
23) Nitrobenzene-d5	9.561	82	119427	91.810	ng	0.00
42) 2,4,6-Tribromophenol	16.475	330	82589	126.192	ng	0.00
45) 2-Fluorobiphenyl	13.620	172	292106	79.142	ng	0.00
79) Terphenyl-d14	20.299	244	646843	86.361	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.561	70	16781	22.519	ng	# 85
48) 2-Nitroaniline	13.620	65	482	5.251	ng	# 1
51) 2,6-Dinitrotoluene	14.995	165	6745	9.282	ng	# 21
57) 2,4-Dinitrotoluene	14.995	165	6745	6.816	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.475	198	201	5.145	ng	# 1
67) 4-Bromophenyl-phenylether	16.475	248	5590	3.576	ng	# 1
77) Benzidine	20.299	184	11079	5.612	ng	# 91
80) Butylbenzylphthalate	20.987	149	56	3.236	ng	# 25
84) Bis(2-ethylhexyl)phtha...	21.868	149	369	3.628	ng	# 53

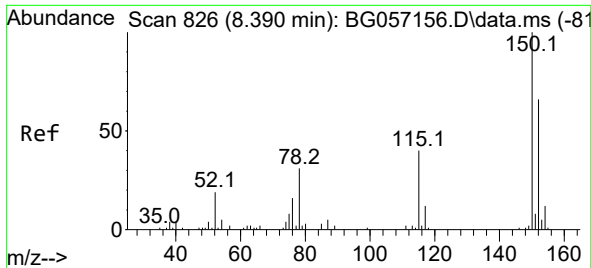
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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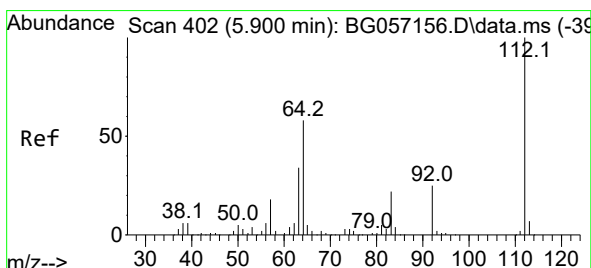
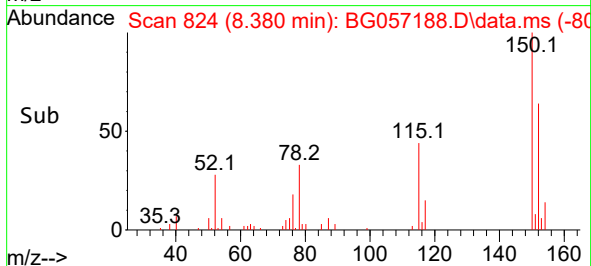
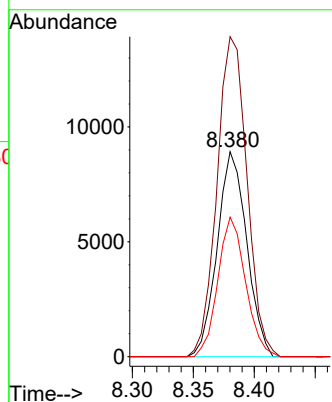
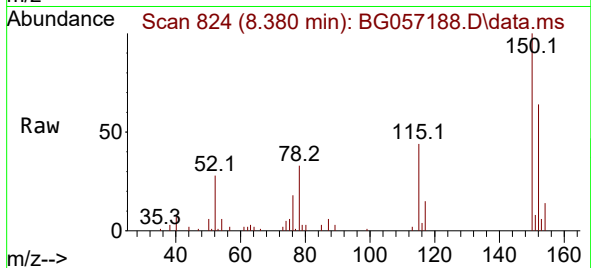




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.380 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

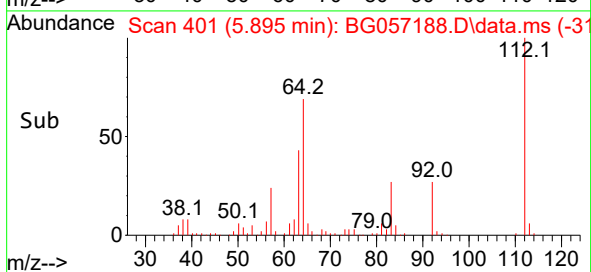
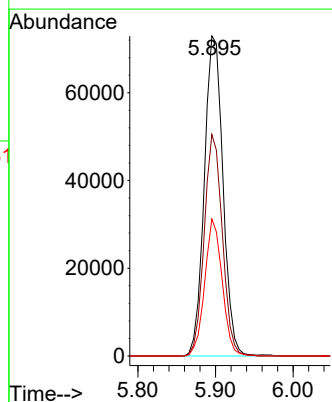
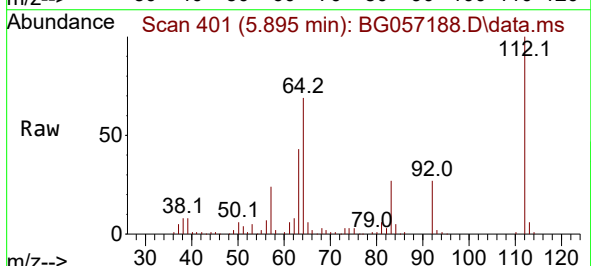
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BNA_G
ClientSampleId :
PB152346TB

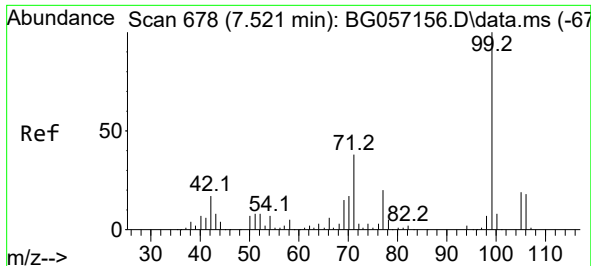
Tgt Ion:152 Resp: 15006
Ion Ratio Lower Upper
152 100
150 156.1 121.4 182.2
115 68.0 48.1 72.1



#5
2-Fluorophenol
Concen: 147.488 ng
RT: 5.895 min Scan# 401
Delta R.T. 0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:112 Resp: 122130
Ion Ratio Lower Upper
112 100
64 69.2 46.7 70.1
63 42.8 26.9 40.3#

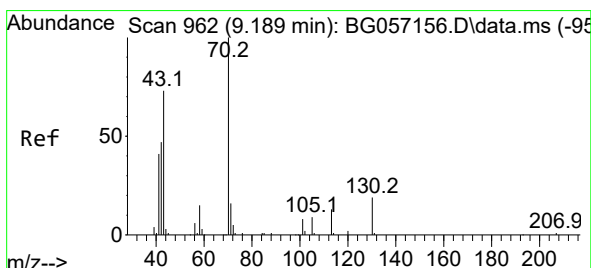
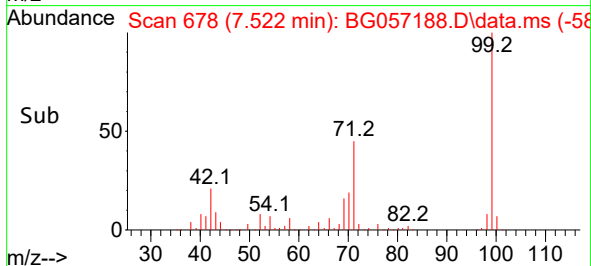
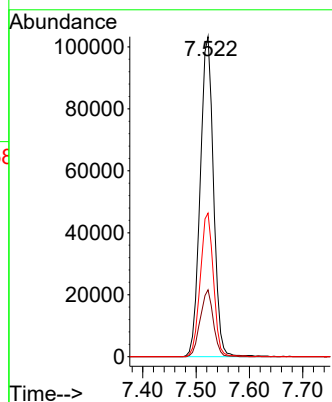
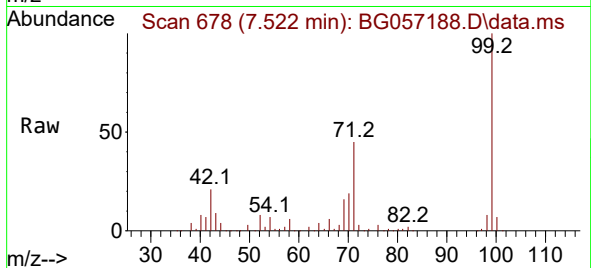




#7
Phenol-d6
Concen: 149.296 ng
RT: 7.522 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

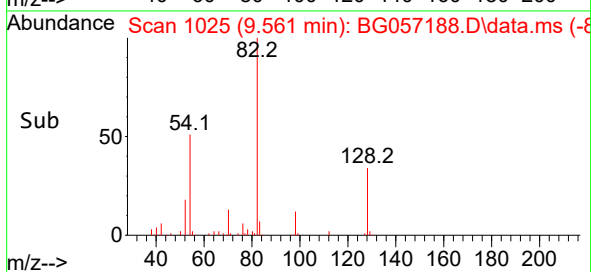
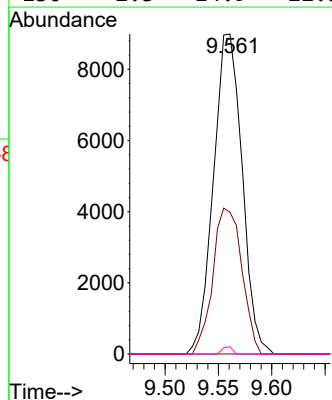
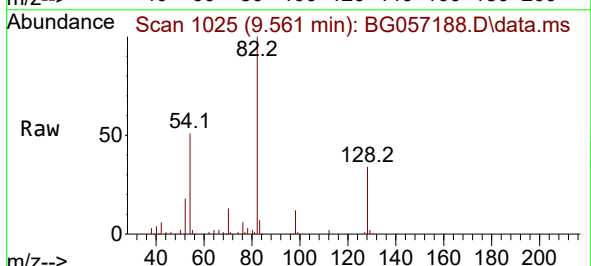
Instrument :
BNA_G
ClientSampleId :
PB152346TB

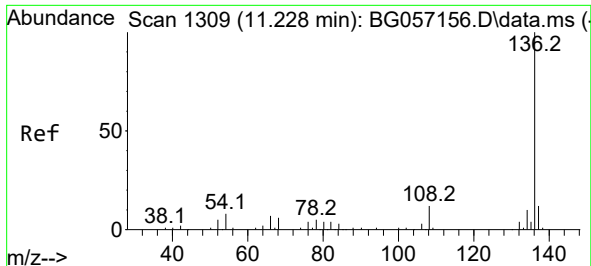
Tgt Ion: 99 Resp: 178872
Ion Ratio Lower Upper
99 100
42 20.9 13.4 20.0#
71 44.9 30.2 45.2



#19
n-Nitroso-di-n-propylamine
Concen: 22.519 ng
RT: 9.561 min Scan# 1025
Delta R.T. 0.379 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion: 70 Resp: 16781
Ion Ratio Lower Upper
70 100
42 44.3 38.0 57.0
101 0.0 6.6 9.8#
130 2.3 14.9 22.3#

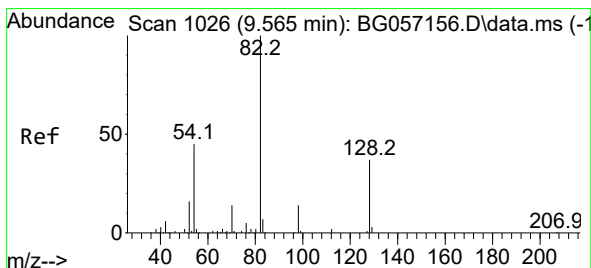
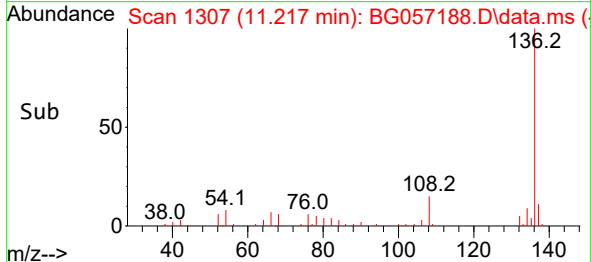
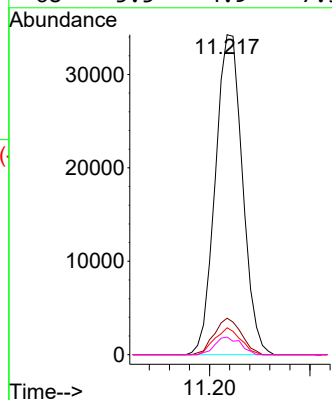
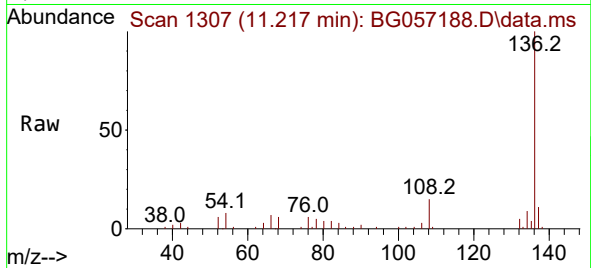




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.217 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

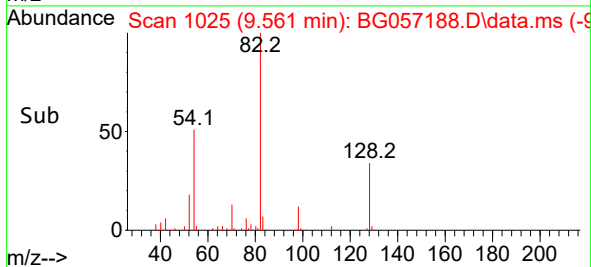
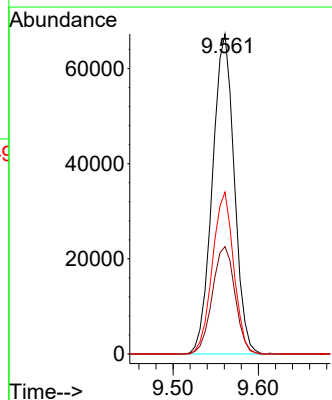
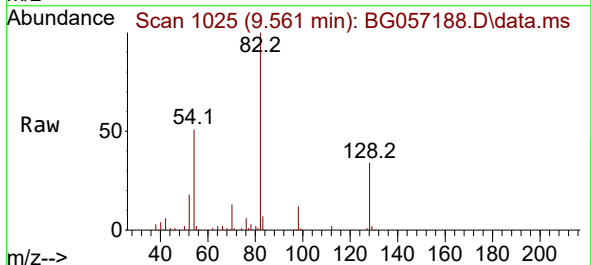
Instrument :
BNA_G
ClientSampleId :
PB152346TB

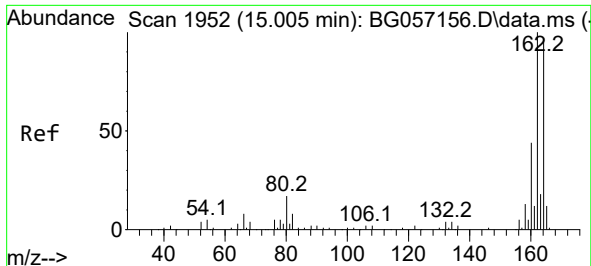
Tgt Ion:136	Resp:	64307
Ion Ratio	Lower	Upper
136	100	
137	11.4	9.5 14.3
54	8.4	6.4 9.6
68	5.5	4.9 7.3



#23
Nitrobenzene-d5
Concen: 91.810 ng
RT: 9.561 min Scan# 1025
Delta R.T. 0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion: 82	Resp:	119427
Ion Ratio	Lower	Upper
82	100	
128	33.6	29.4 44.2
54	50.6	36.2 54.2

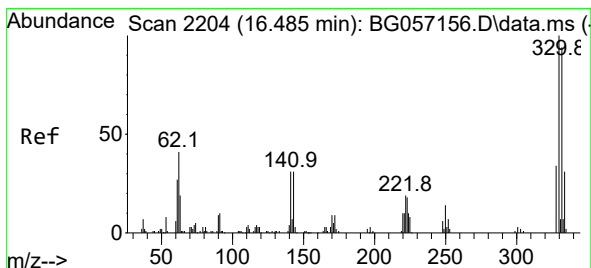
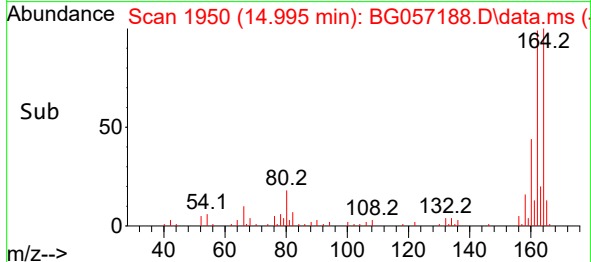
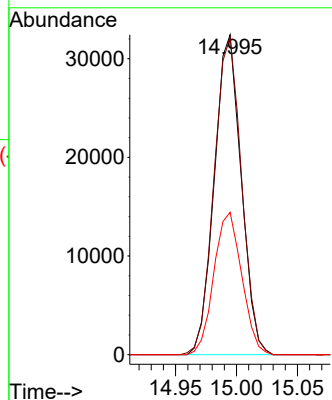
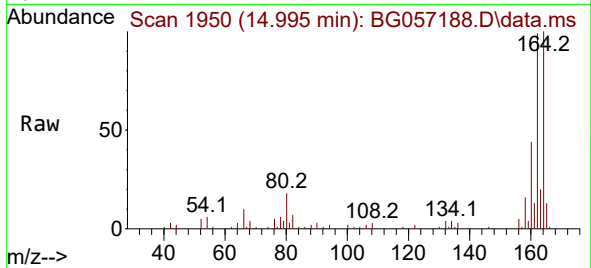




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.995 min Scan# 1950
Delta R.T. 0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

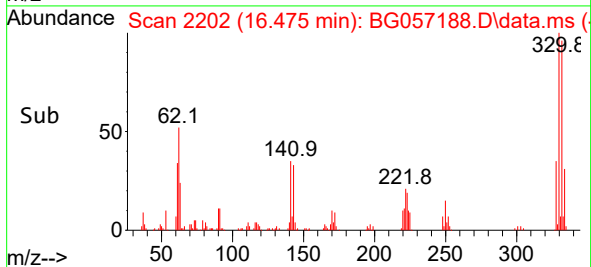
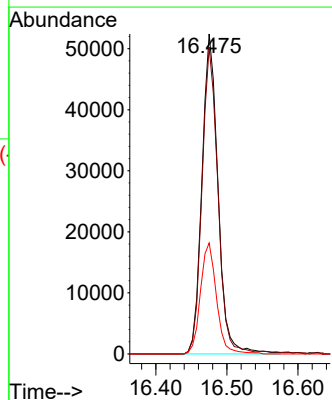
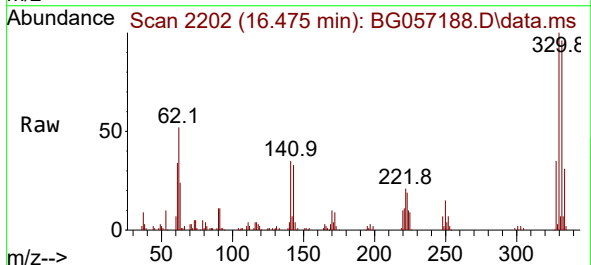
Instrument :
BNA_G
ClientSampleId :
PB152346TB

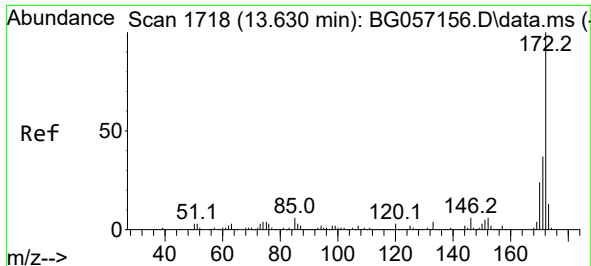
Tgt Ion:164 Resp: 49603
Ion Ratio Lower Upper
164 100
162 99.2 82.4 123.6
160 44.5 36.2 54.2



#42
2,4,6-Tribromophenol
Concen: 126.192 ng
RT: 16.475 min Scan# 2202
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:330 Resp: 82589
Ion Ratio Lower Upper
330 100
332 94.5 77.6 116.4
141 34.5 26.0 39.0

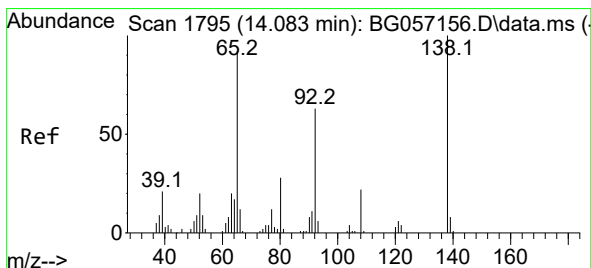
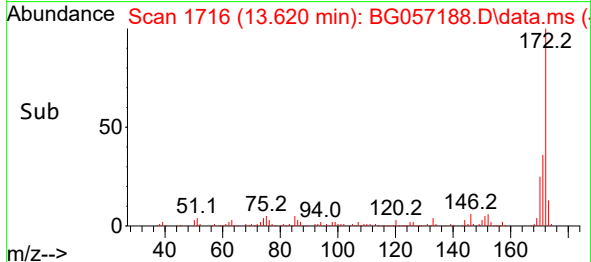
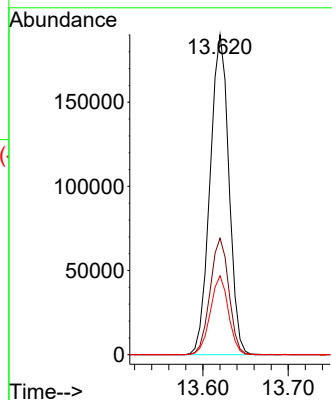
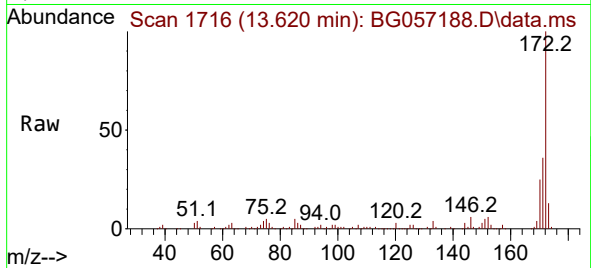




#45
2-Fluorobiphenyl
Concen: 79.142 ng
RT: 13.620 min Scan# 1716
Delta R.T. 0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

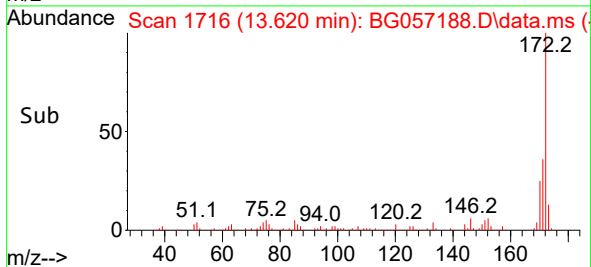
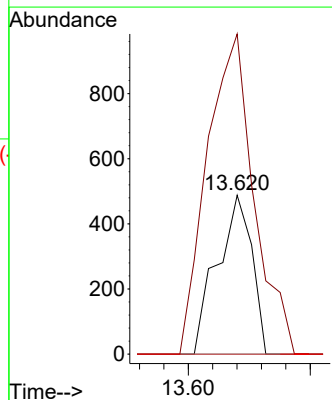
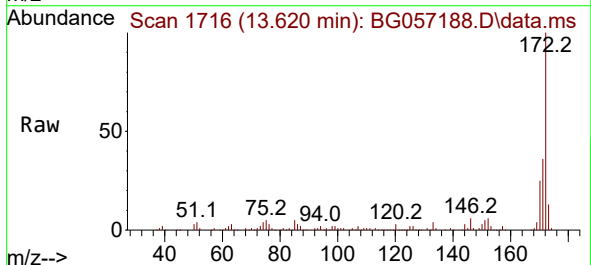
Instrument :
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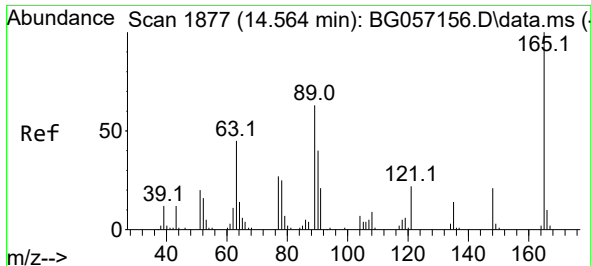
Tgt Ion:172 Resp: 292106
Ion Ratio Lower Upper
172 100
171 36.4 29.2 43.8
170 24.6 19.4 29.2



#48
2-Nitroaniline
Concen: 5.251 ng
RT: 13.620 min Scan# 1716
Delta R.T. -0.461 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

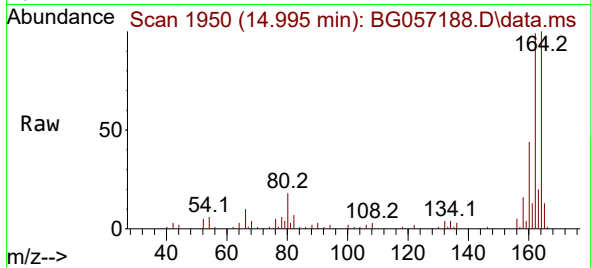
Tgt Ion: 65 Resp: 482
Ion Ratio Lower Upper
65 100
92 201.4 54.9 82.3#
138 0.0 86.6 129.8#



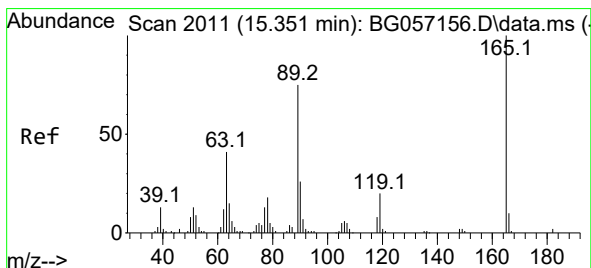
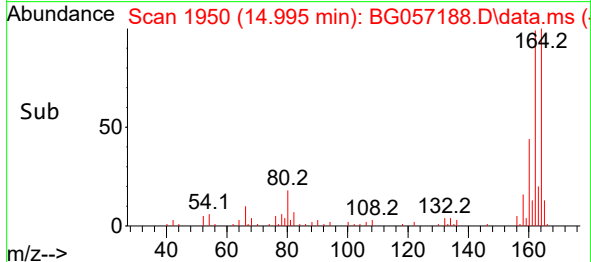
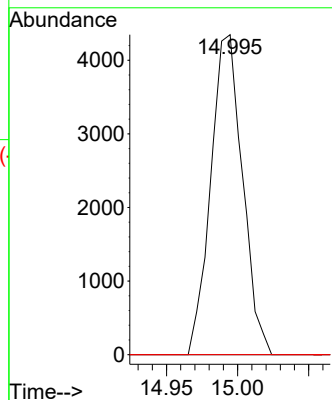


#51
2,6-Dinitrotoluene
Concen: 9.282 ng
RT: 14.995 min Scan# 1950
Delta R.T. 0.437 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Instrument :
BNA_G
ClientSampleId :
PB152346TB

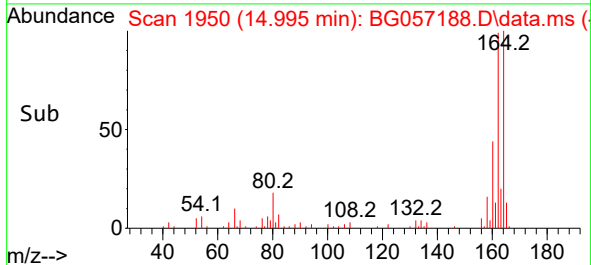
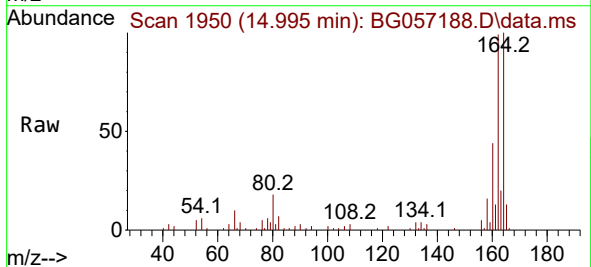
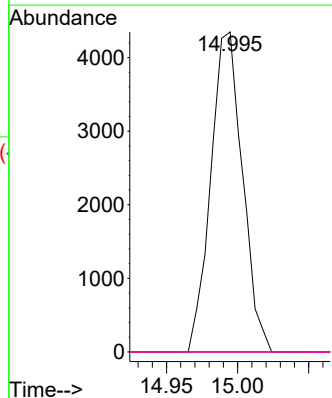


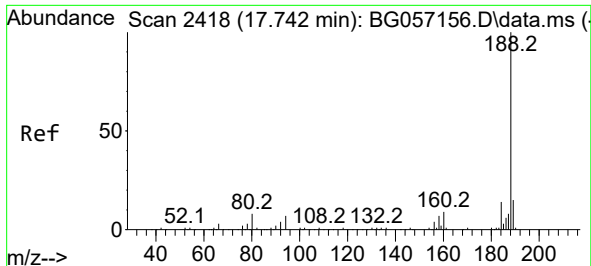
Tgt Ion:165 Resp: 6745
Ion Ratio Lower Upper
165 100
63 0.0 45.5 68.3#
89 0.0 50.1 75.1#



#57
2,4-Dinitrotoluene
Concen: 6.816 ng
RT: 14.995 min Scan# 1950
Delta R.T. -0.350 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:165 Resp: 6745
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#

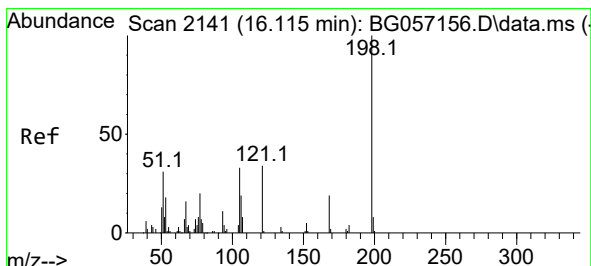
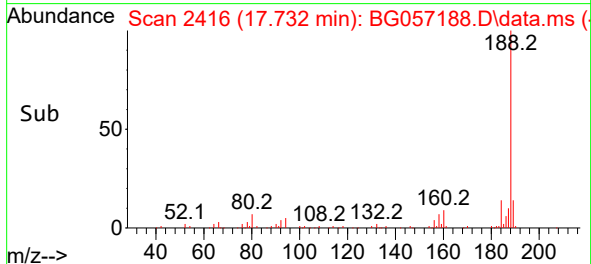
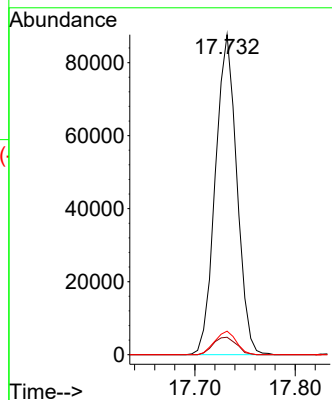
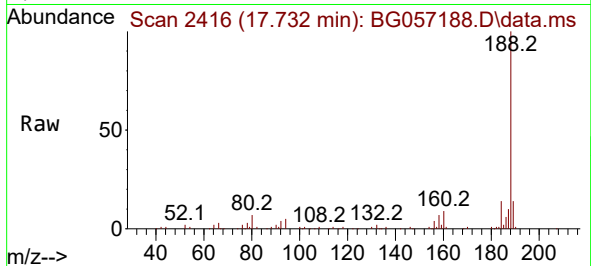




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.732 min Scan# 2418
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

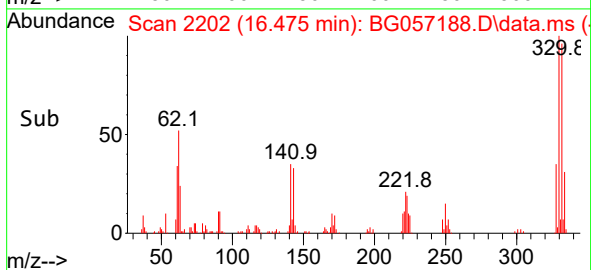
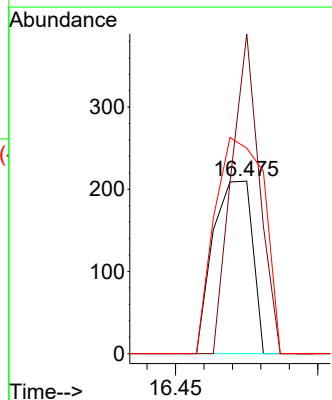
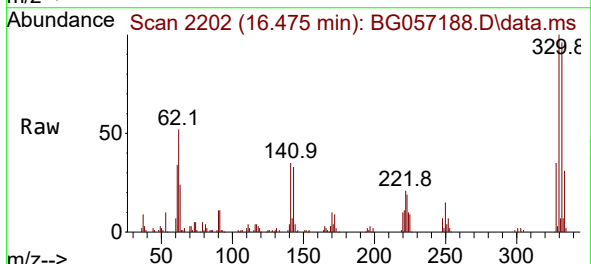
Instrument :
BNA_G
ClientSampleId :
PB152346TB

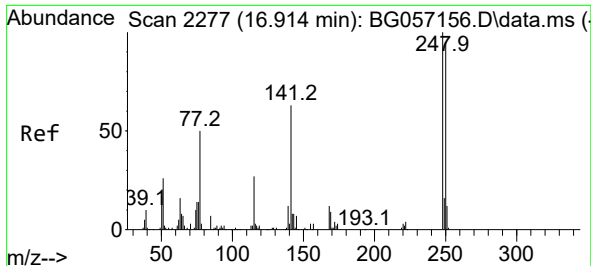
Tgt Ion:188 Resp: 129990
Ion Ratio Lower Upper
188 100
94 5.5 5.4 8.0
80 7.4 6.2 9.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.145 ng
RT: 16.475 min Scan# 2202
Delta R.T. 0.367 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:198 Resp: 201
Ion Ratio Lower Upper
198 100
51 185.2 13.1 53.1#
105 119.0 14.1 54.1#

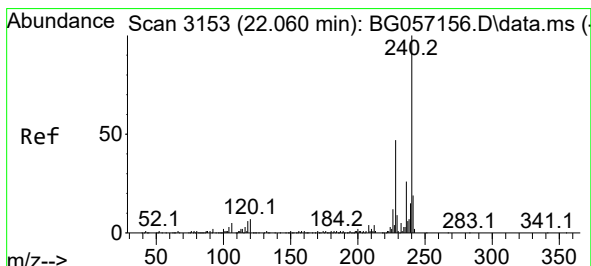
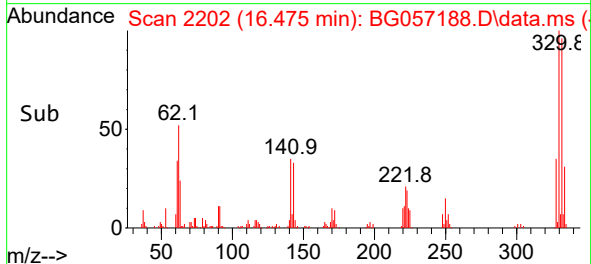
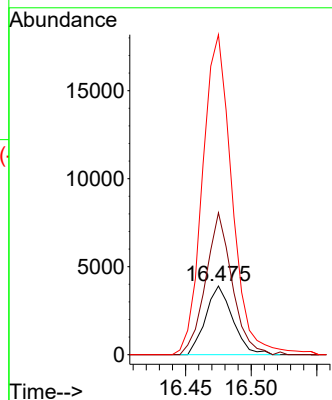
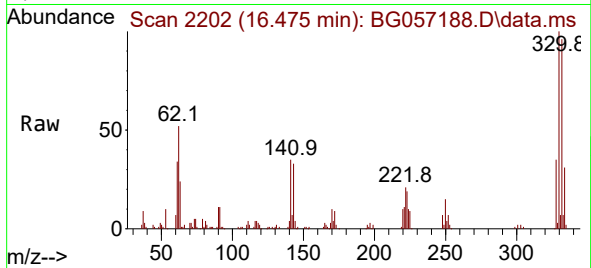




#67
4-Bromophenyl-phenylether
Concen: 3.576 ng
RT: 16.475 min Scan# 21
Delta R.T. -0.432 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

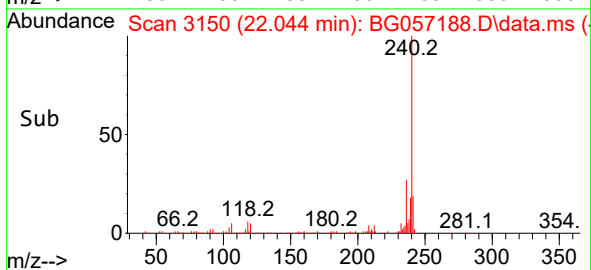
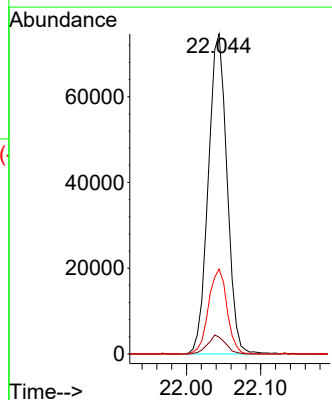
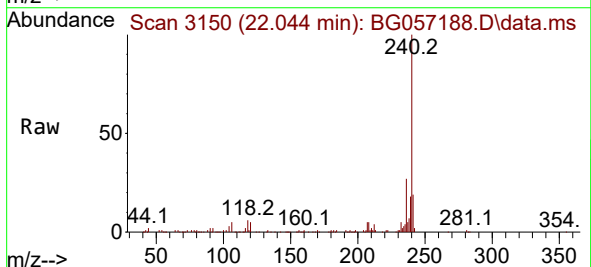
Instrument :
BNA_G
ClientSampleId :
PB152346TB

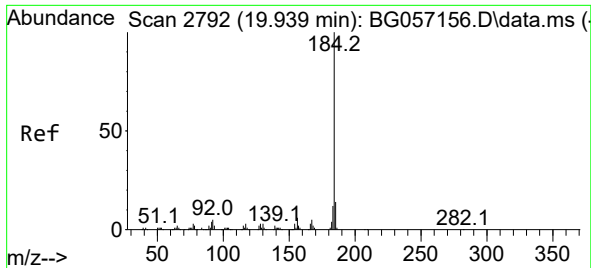
Tgt Ion:248 Resp: 5590
Ion Ratio Lower Upper
248 100
250 207.1 75.8 113.8#
141 466.7 50.1 75.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.044 min Scan# 3150
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:240 Resp: 131008
Ion Ratio Lower Upper
240 100
120 5.3 5.5 8.3#
236 26.5 20.8 31.2

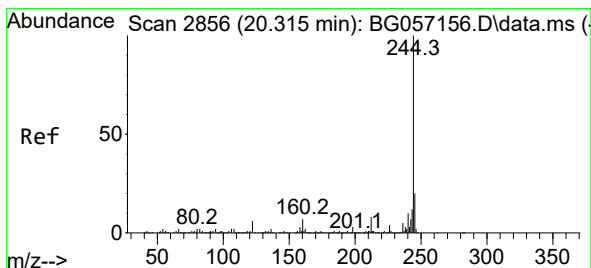
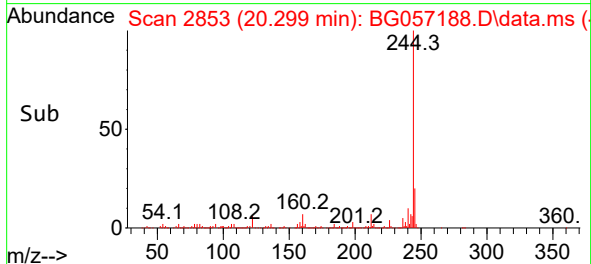
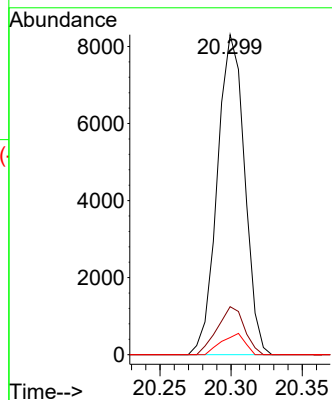
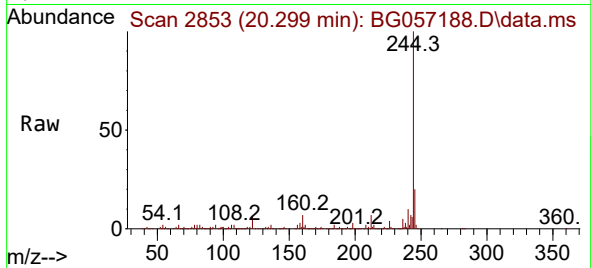




#77
Benzidine
Concen: 5.612 ng
RT: 20.299 min Scan# 2853
Delta R.T. 0.373 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

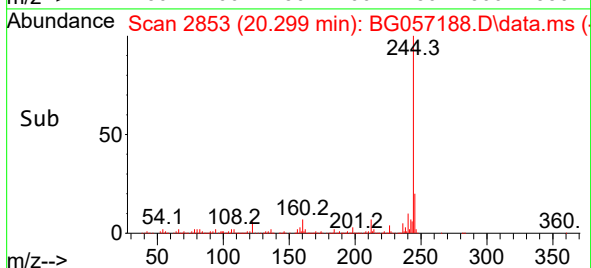
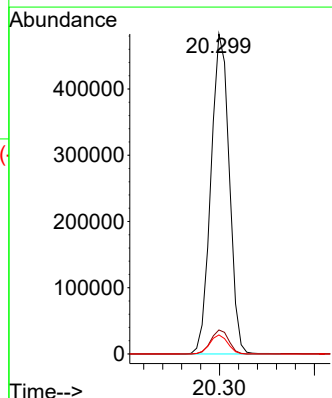
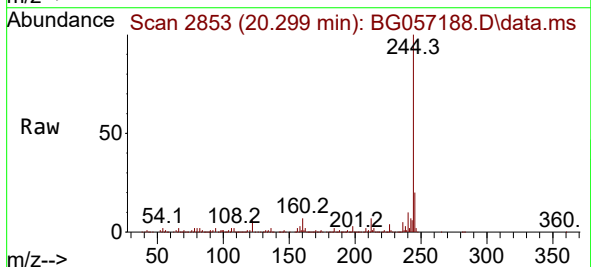
Instrument :
BNA_G
ClientSampleId :
PB152346TB

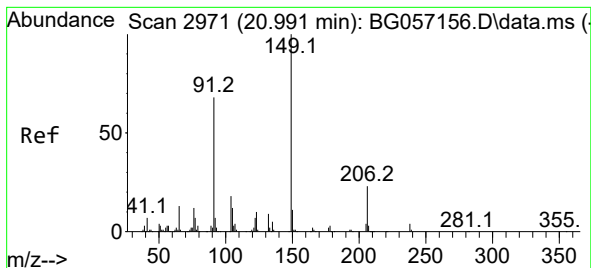
Tgt Ion:184 Resp: 11079
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 5.3 9.4 14.0#



#79
Terphenyl-d14
Concen: 86.361 ng
RT: 20.299 min Scan# 2853
Delta R.T. -0.003 min
Lab File: BG057188.D
Acq: 26 Apr 2023 11:57

Tgt Ion:244 Resp: 646843
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 5.9 5.0 7.4





#80

Butylbenzylphthalate

Concen: 3.236 ng

RT: 20.987 min Scan# 2971

Delta R.T. 0.009 min

Lab File: BG057188.D

Acq: 26 Apr 2023 11:57

Instrument :

BNA_G

ClientSampleId :

PB152346TB

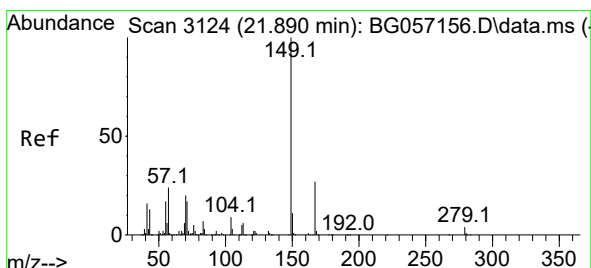
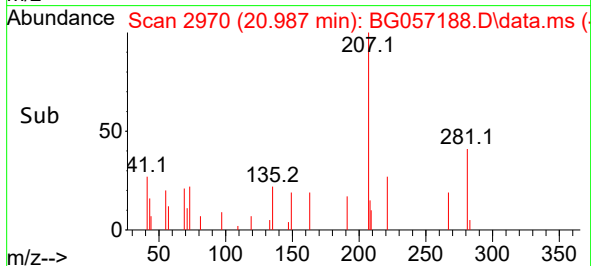
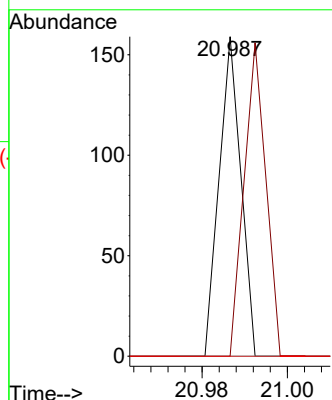
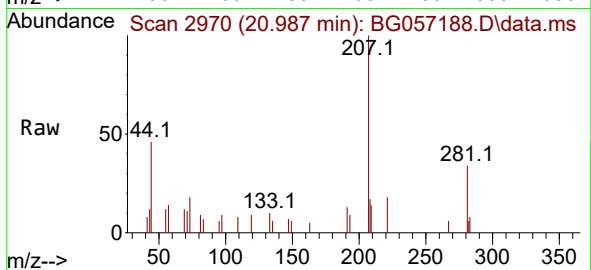
Tgt Ion:149 Resp: 56

Ion Ratio Lower Upper

149 100

91 0.0 54.1 81.1#

206 0.0 18.2 27.2#



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.628 ng

RT: 21.868 min Scan# 3120

Delta R.T. -0.003 min

Lab File: BG057188.D

Acq: 26 Apr 2023 11:57

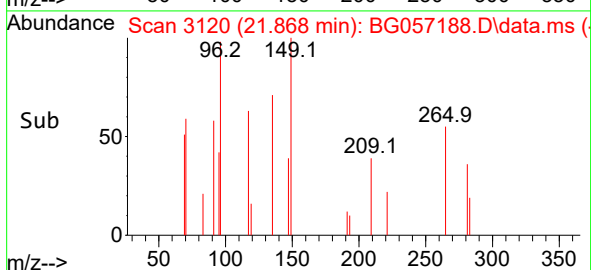
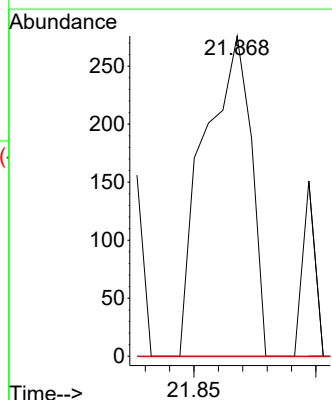
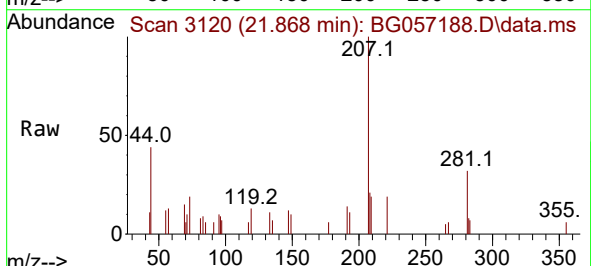
Tgt Ion:149 Resp: 369

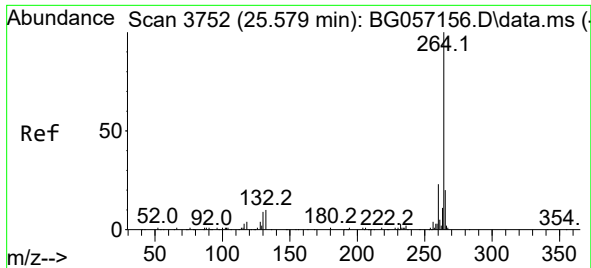
Ion Ratio Lower Upper

149 100

167 0.0 21.9 32.9#

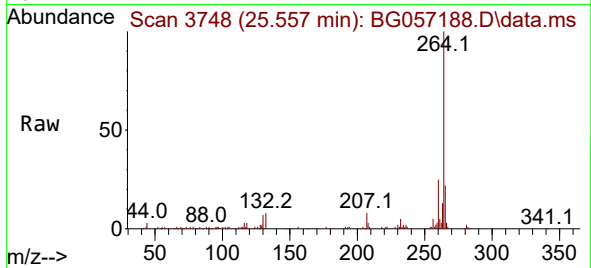
279 0.0 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.557 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: BG057188.D
 Acq: 26 Apr 2023 11:57

Instrument :
 BNA_G
 ClientSampleId :
 PB152346TB



Tgt Ion:264 Resp: 129373
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 21.8 16.4 24.6

