

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057792.D
 Acq On : 21 Jun 2023 20:07
 Operator : CG/JU
 Sample : 03074-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 04:52:28 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)

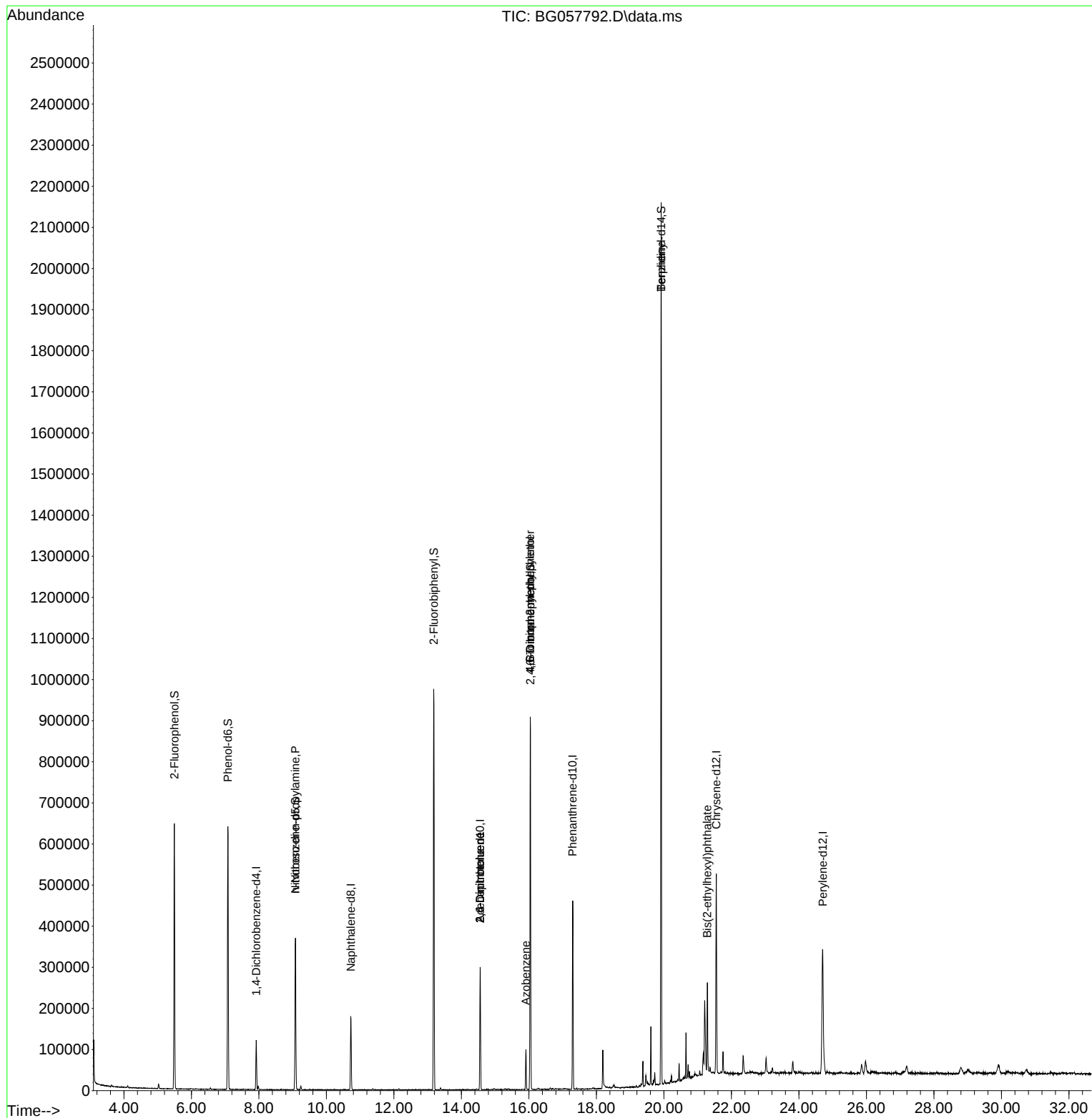
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	32199	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	146213	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	107169	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	289327	20.000	ng	0.00
76) Chrysene-d12	21.551	240	269465	20.000	ng	0.00
86) Perylene-d12	24.706	264	326725	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.494	112	260314	124.656	ng	0.00
7) Phenol-d6	7.080	99	380741	119.491	ng	0.00
23) Nitrobenzene-d5	9.084	82	218552	76.716	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	188431	126.222	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	532757	75.400	ng	0.00
79) Terphenyl-d14	19.918	244	1078949	74.662	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.084	70	26815	12.071	ng	# 78
51) 2,6-Dinitrotoluene	14.554	165	14057	9.274	ng	# 18
57) 2,4-Dinitrotoluene	14.554	165	14057	6.839	ng	# 18
63) Azobenzene	15.911	77	26784	3.101	ng	# 1
65) 4,6-Dinitro-2-methylph...	16.040	198	421	5.593	ng	# 1
67) 4-Bromophenyl-phenylether	16.040	248	12461	4.061	ng	# 1
77) Benzidine	19.918	184	14558	2.305	ng	# 90
84) Bis(2-ethylhexyl)phtha...	21.287	149	94703	8.920	ng	# 53

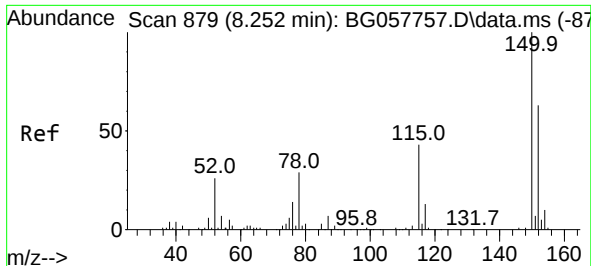
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
Data File : BG057792.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

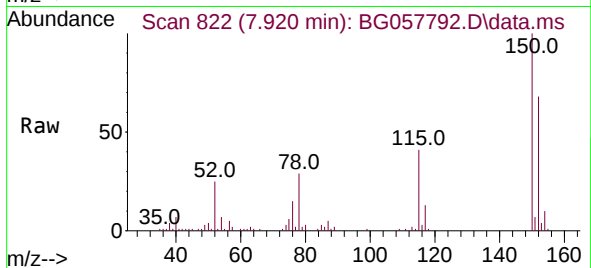
Quant Time: Jun 22 04:52:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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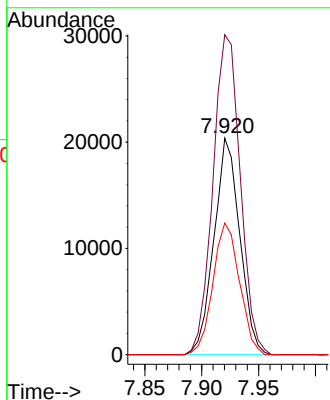
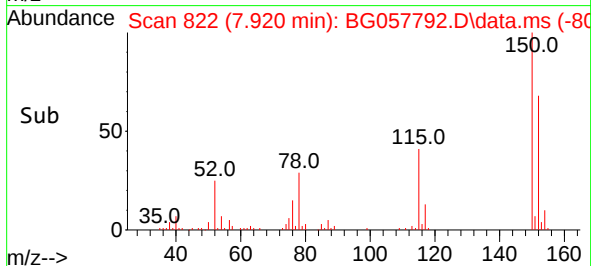


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

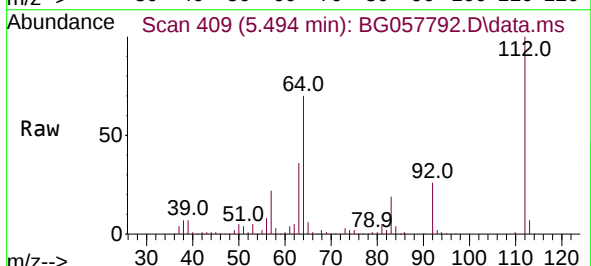
Instrument :
BNA_G
ClientSampleId :



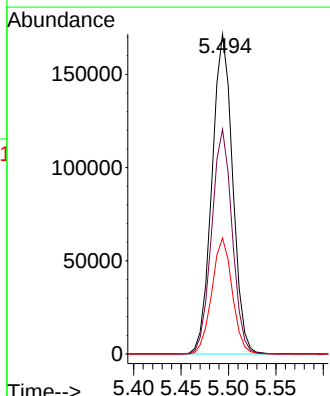
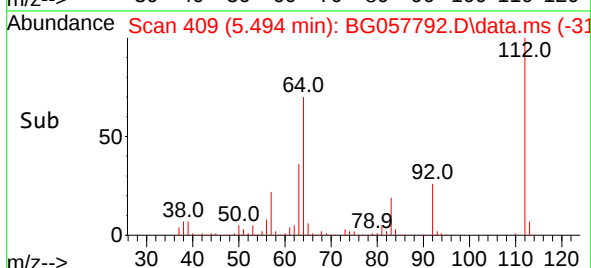
Tgt Ion:152 Resp: 32199
Ion Ratio Lower Upper
152 100
150 147.8 126.6 189.8
115 60.8 48.9 73.3

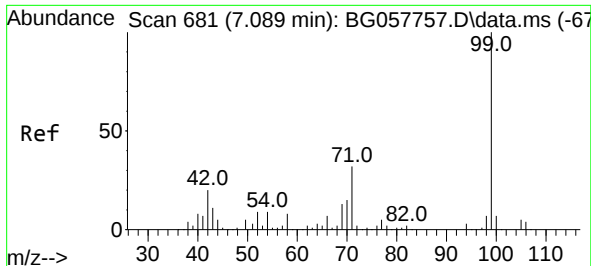


#5
2-Fluorophenol
Concen: 124.656 ng
RT: 5.494 min Scan# 409
Delta R.T. -0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07



Tgt Ion:112 Resp: 260314
Ion Ratio Lower Upper
112 100
64 70.2 62.1 93.1
63 36.3 31.5 47.3

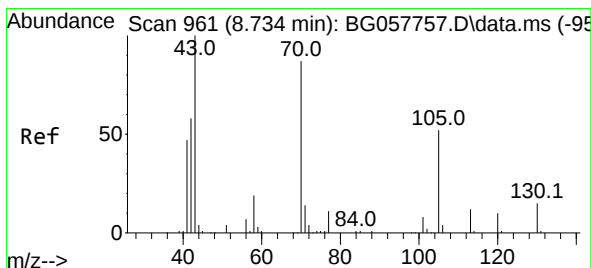
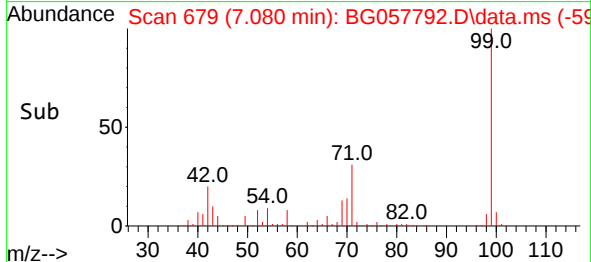
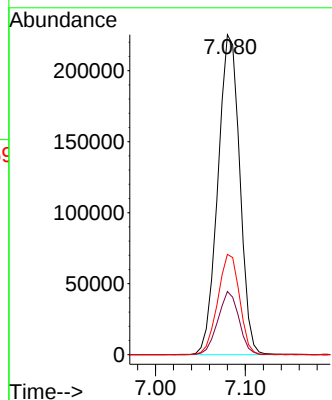
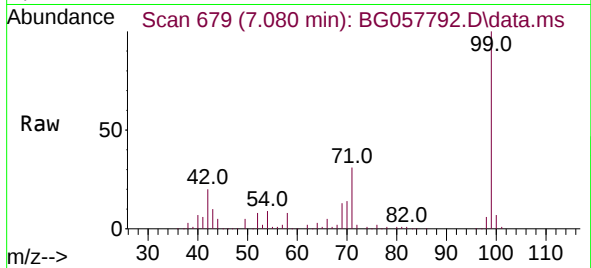




#7
Phenol-d6
Concen: 119.491 ng
RT: 7.080 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

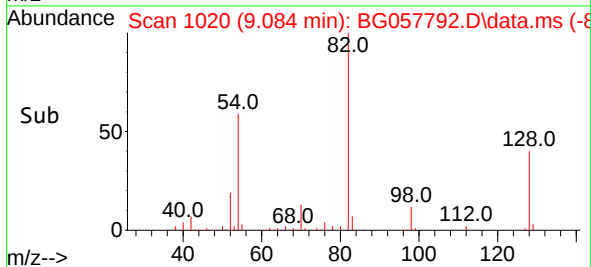
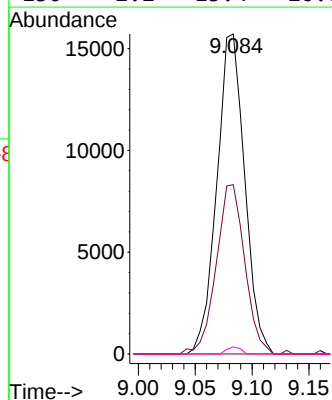
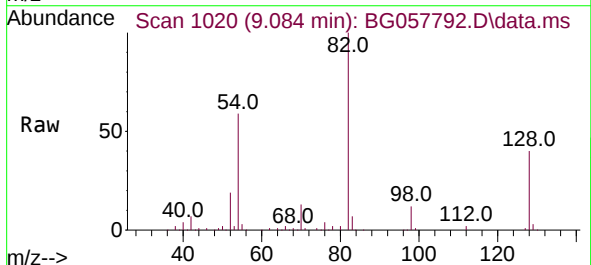
Instrument :
BNA_G
ClientSampleId :

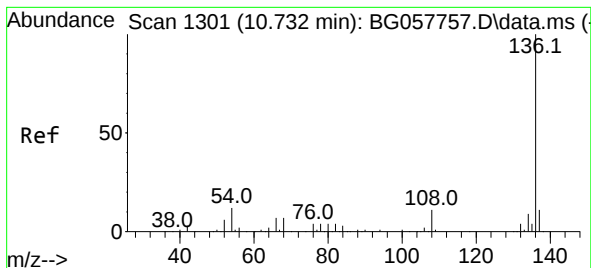
Tgt Ion: 99 Resp: 380741
Ion Ratio Lower Upper
99 100
42 19.8 16.4 24.6
71 31.3 25.8 38.6



#19
n-Nitroso-di-n-propylamine
Concen: 12.071 ng
RT: 9.084 min Scan# 1020
Delta R.T. 0.349 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion: 70 Resp: 26815
Ion Ratio Lower Upper
70 100
42 52.9 54.2 81.2#
101 0.0 7.4 11.0#
130 2.2 13.4 20.0#

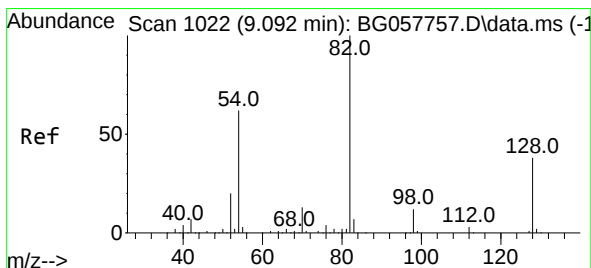
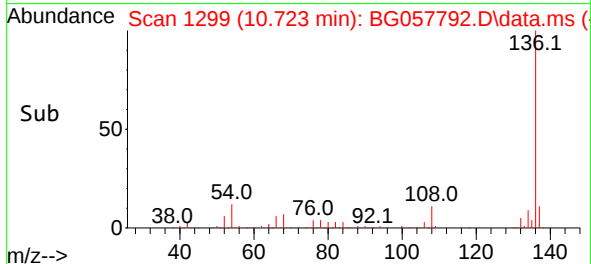
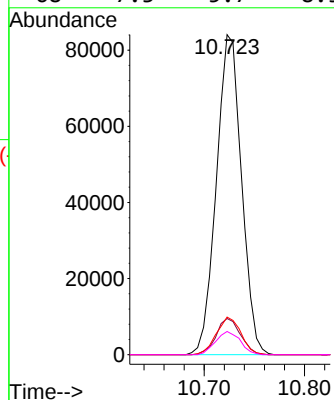
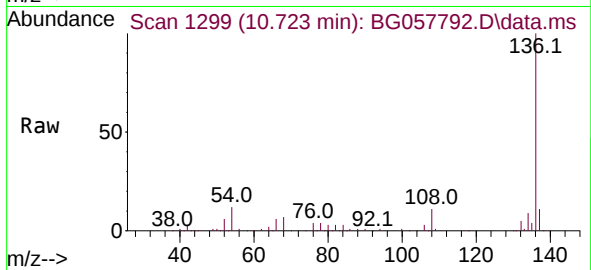




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

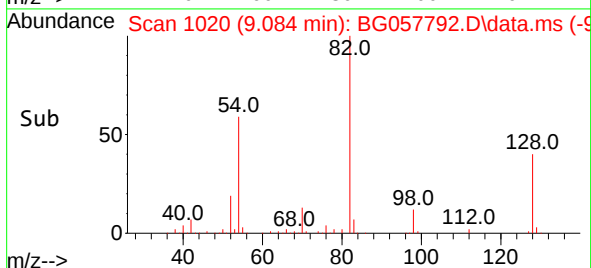
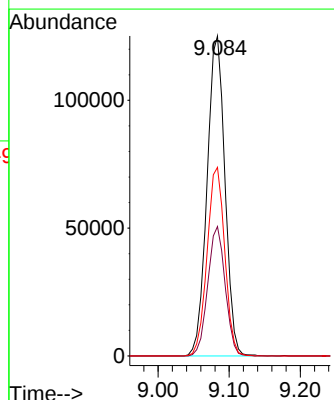
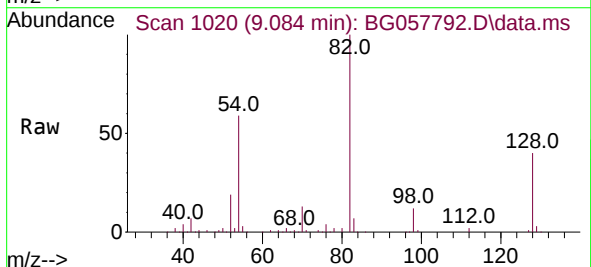
Instrument :
BNA_G
ClientSampleId :

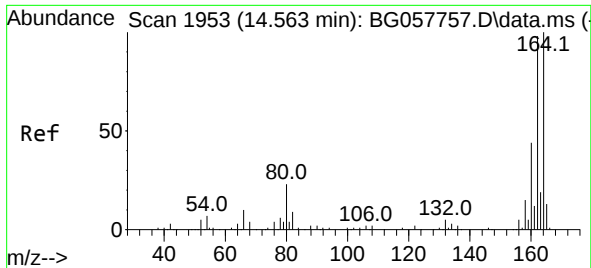
Tgt Ion:136 Resp: 146213
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 11.7 9.5 14.3
68 7.3 5.7 8.5



#23
Nitrobenzene-d5
Concen: 76.716 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

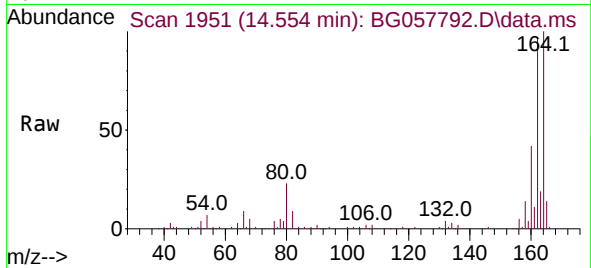
Tgt Ion: 82 Resp: 218552
Ion Ratio Lower Upper
82 100
128 40.4 30.7 46.1
54 59.0 49.6 74.4



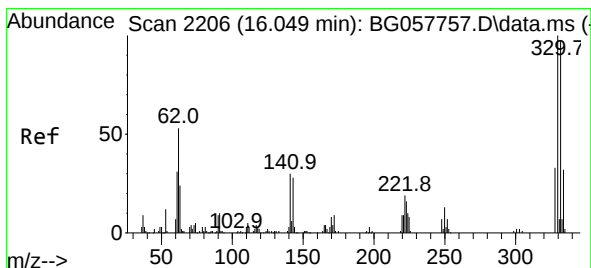
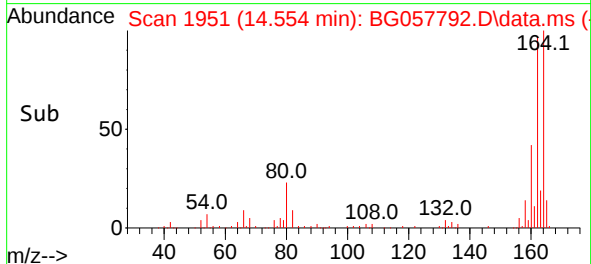
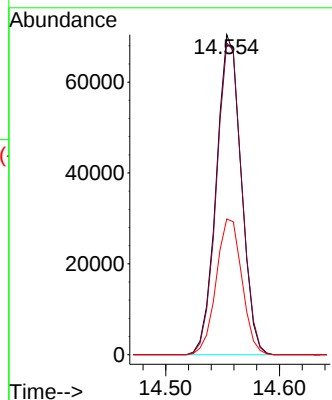


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :

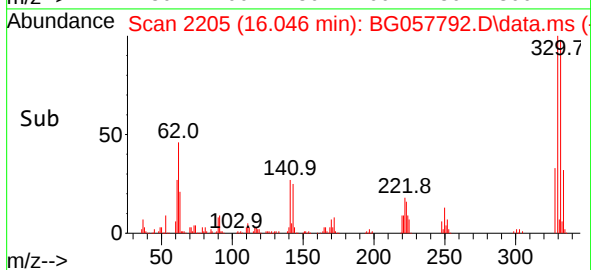
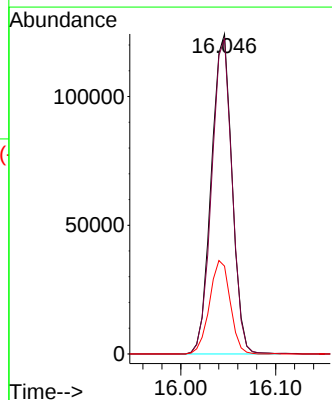
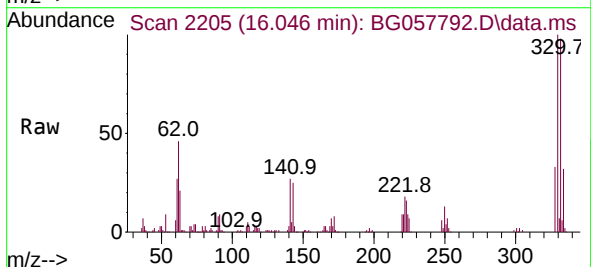


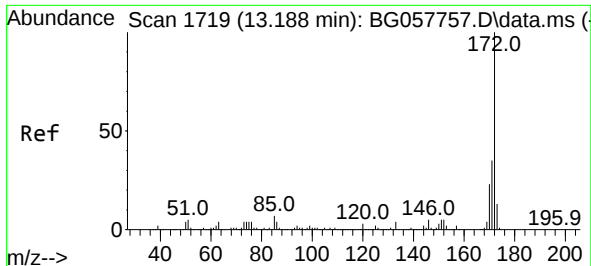
Tgt Ion:164 Resp: 107169
Ion Ratio Lower Upper
164 100
162 97.4 78.3 117.5
160 42.4 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 126.222 ng
RT: 16.046 min Scan# 2205
Delta R.T. -0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:330 Resp: 188431
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 29.2 24.7 37.1

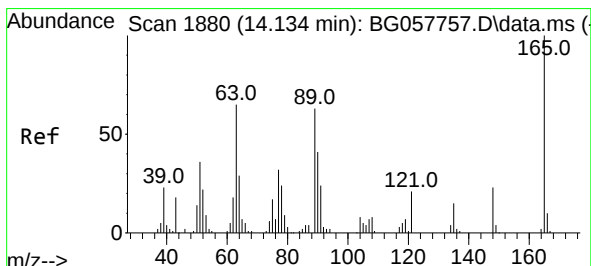
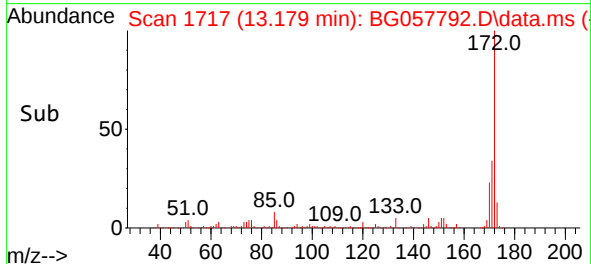
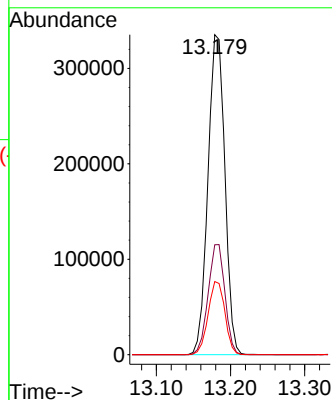
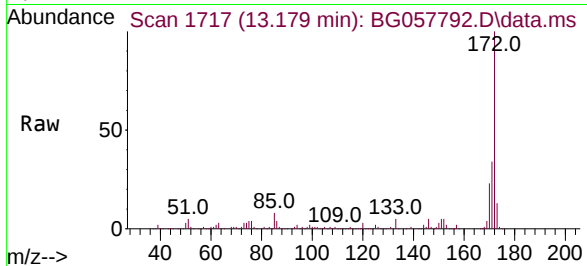




#45
2-Fluorobiphenyl
Concen: 75.400 ng
RT: 13.179 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

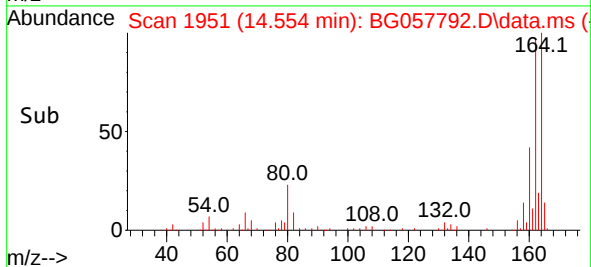
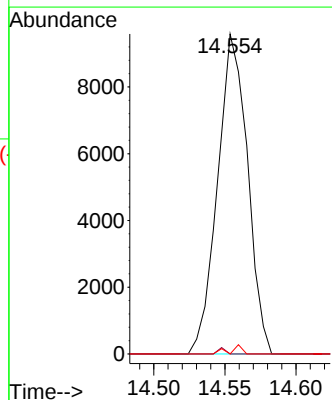
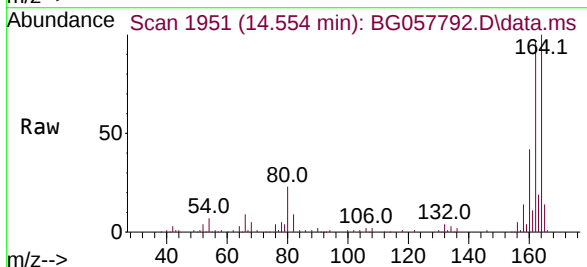
Instrument :
BNA_G
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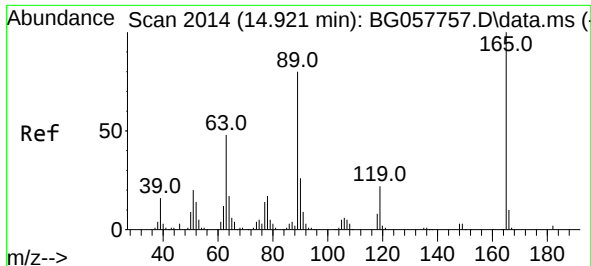
Tgt Ion:172 Resp: 532757
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.8 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 9.274 ng
RT: 14.554 min Scan# 1951
Delta R.T. 0.420 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

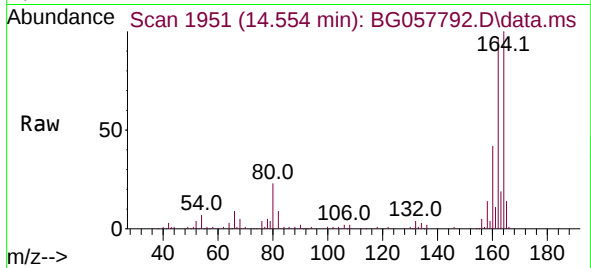
Tgt Ion:165 Resp: 14057
Ion Ratio Lower Upper
165 100
63 0.0 52.8 79.2#
89 0.0 50.7 76.1#



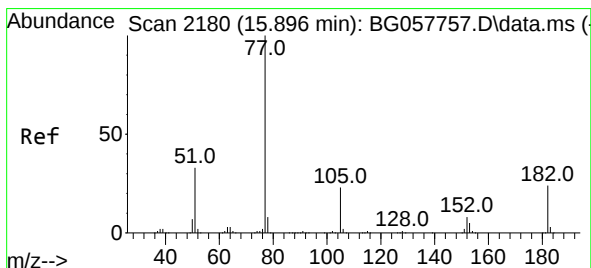
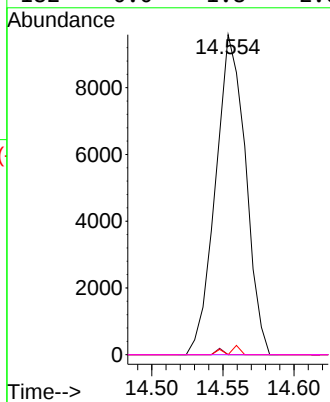
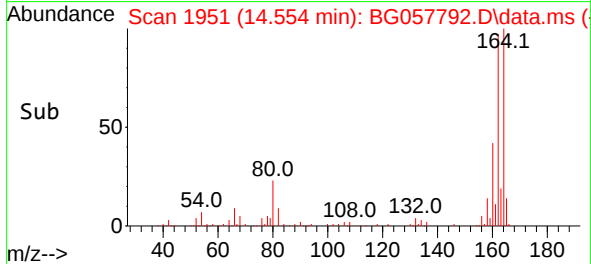


#57
2,4-Dinitrotoluene
Concen: 6.839 ng
RT: 14.554 min Scan# 1951
Delta R.T. -0.367 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

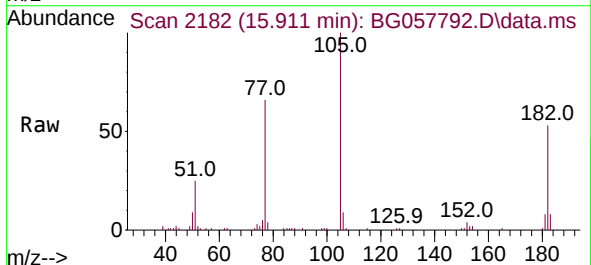
Instrument :
BNA_G
ClientSampleId :



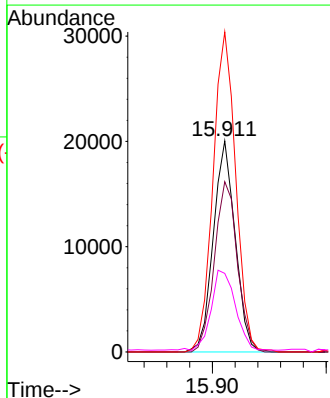
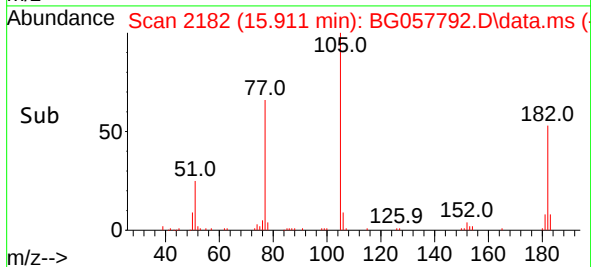
Tgt Ion:165 Resp: 14057
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 0.0 63.7 95.5#
182 0.0 1.8 2.6#

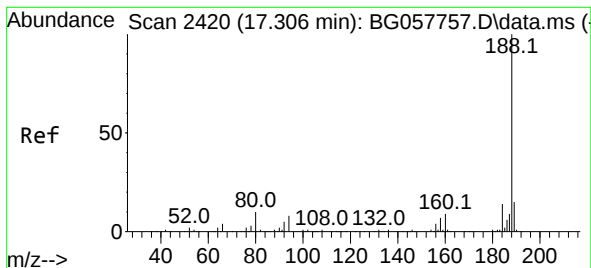


#63
Azobenzene
Concen: 3.101 ng
RT: 15.911 min Scan# 2182
Delta R.T. 0.015 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07



Tgt Ion: 77 Resp: 26784
Ion Ratio Lower Upper
77 100
182 80.7 4.1 44.1#
105 151.6 3.3 43.3#
51 37.2 13.4 53.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.297 min Scan# 24

Delta R.T. -0.009 min

Lab File: BG057792.D

Acq: 21 Jun 2023 20:07

Instrument :

BNA_G

ClientSampleId :

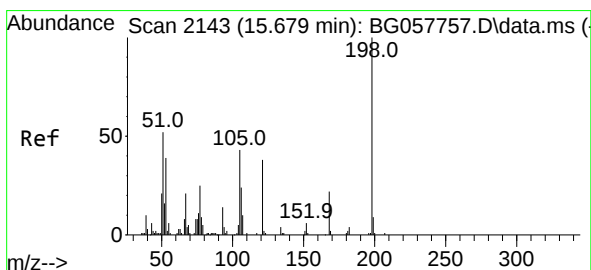
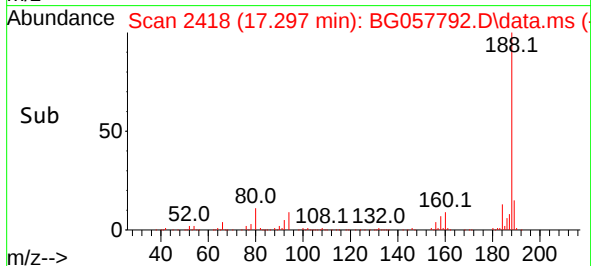
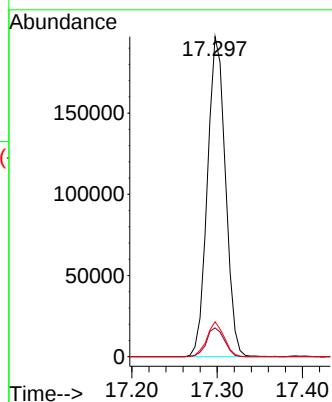
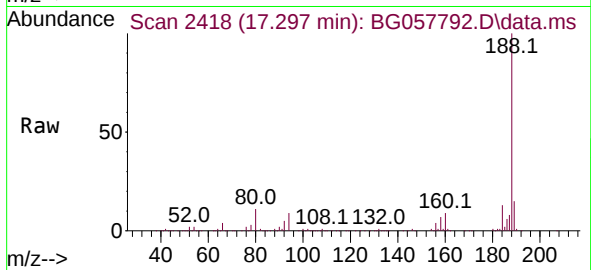
Tgt Ion:188 Resp: 289327

Ion Ratio Lower Upper

188 100

94 9.0 6.6 9.8

80 10.9 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.593 ng

RT: 16.040 min Scan# 2204

Delta R.T. 0.361 min

Lab File: BG057792.D

Acq: 21 Jun 2023 20:07

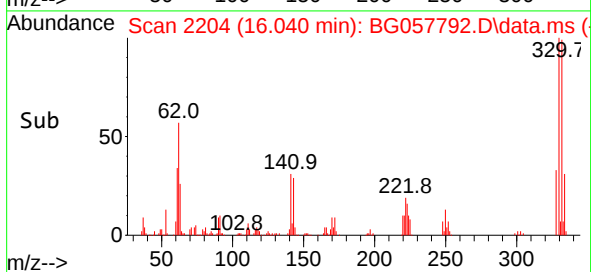
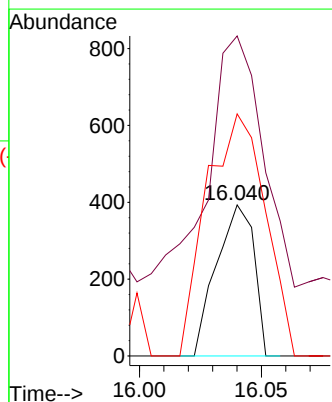
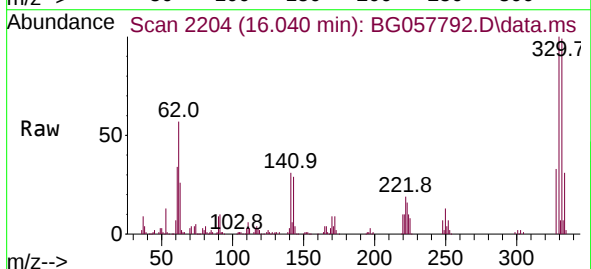
Tgt Ion:198 Resp: 421

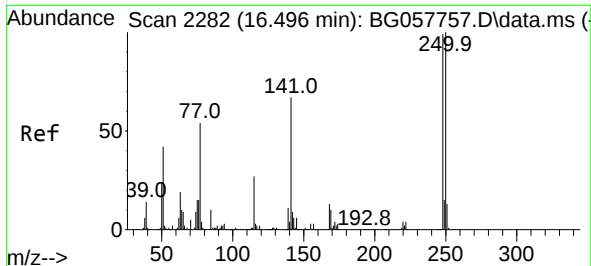
Ion Ratio Lower Upper

198 100

51 212.0 36.6 76.6#

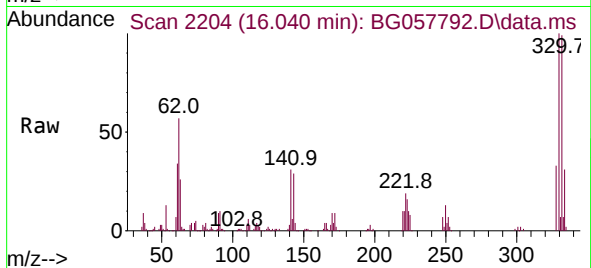
105 160.3 24.3 64.3#



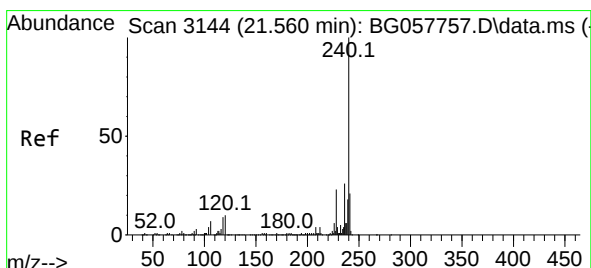
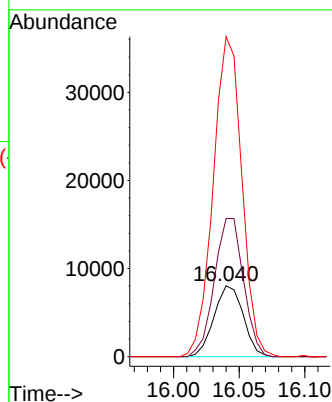
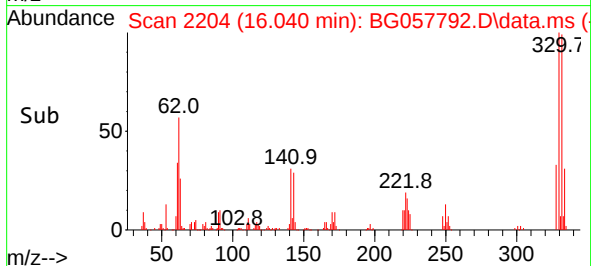


#67
4-Bromophenyl-phenylether
Concen: 4.061 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.456 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

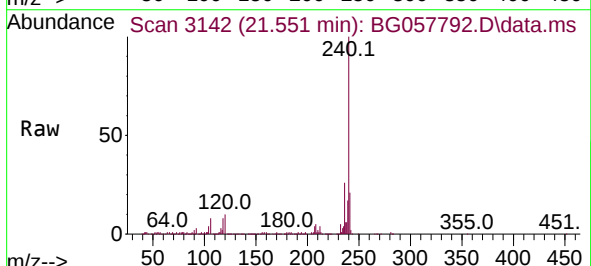
Instrument :
BNA_G
ClientSampleId :



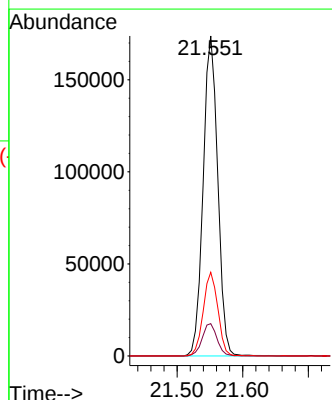
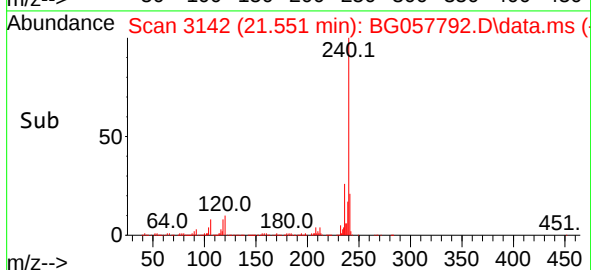
Tgt Ion:248 Resp: 12461
Ion Ratio Lower Upper
248 100
250 195.1 81.1 121.7#
141 451.5 54.6 81.8#

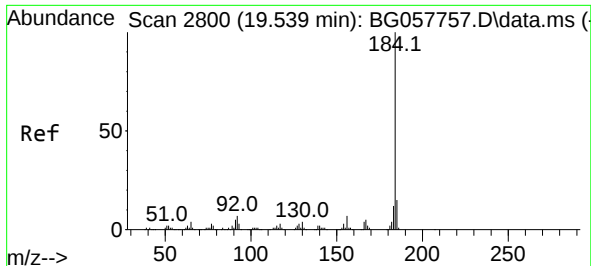


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.009 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07



Tgt Ion:240 Resp: 269465
Ion Ratio Lower Upper
240 100
120 10.1 8.1 12.1
236 26.2 20.6 30.8

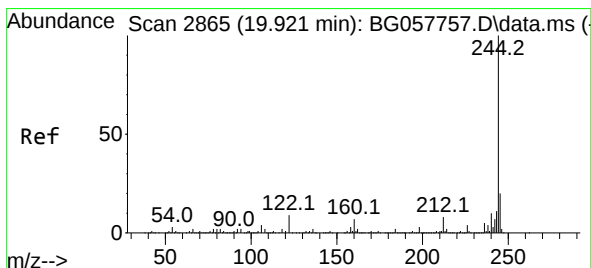
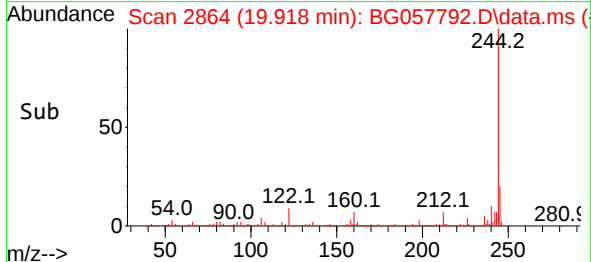
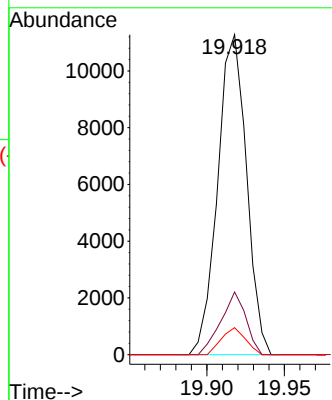
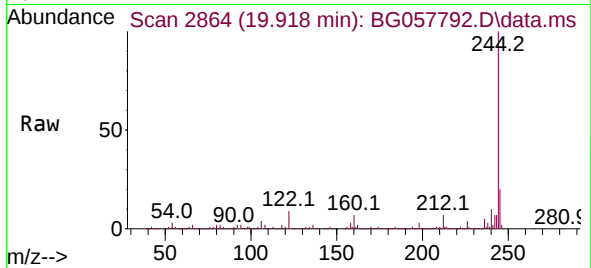




#77
Benzidine
Concen: 2.305 ng
RT: 19.918 min Scan# 2864
Delta R.T. 0.379 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

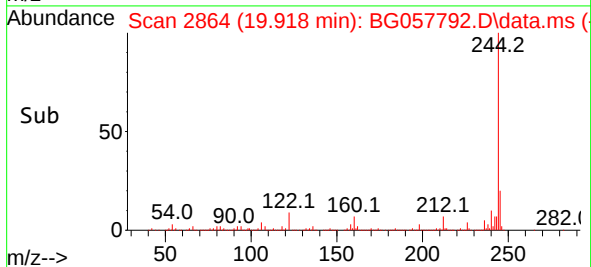
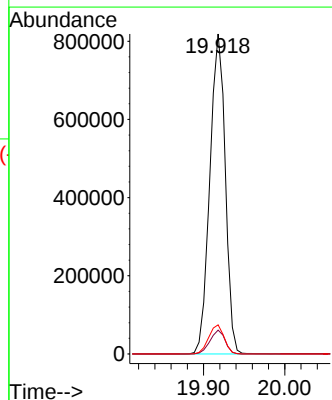
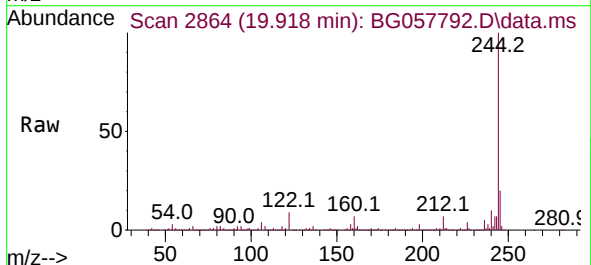
Instrument :
BNA_G
ClientSampleId :

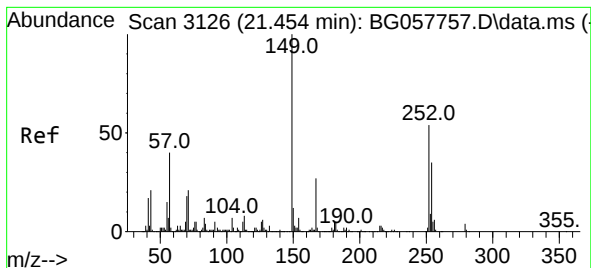
Tgt Ion:184 Resp: 14558
Ion Ratio Lower Upper
184 100
185 19.6 12.0 18.0#
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 74.662 ng
RT: 19.918 min Scan# 2864
Delta R.T. -0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:244 Resp: 1078949
Ion Ratio Lower Upper
244 100
212 7.4 6.1 9.1
122 9.1 7.6 11.4

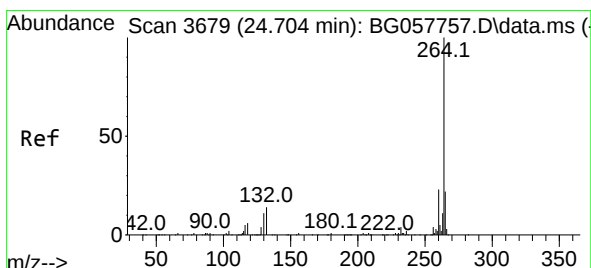
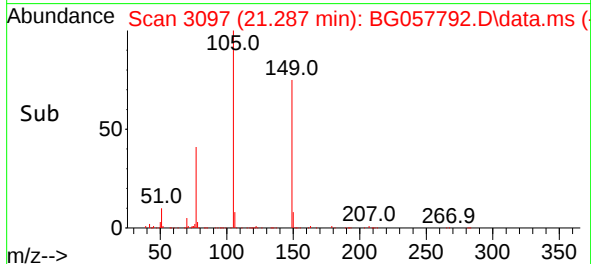
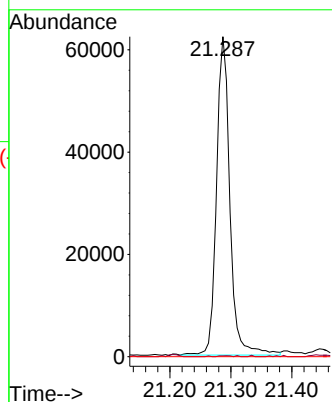
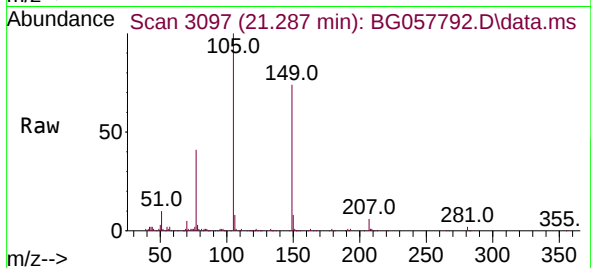




#84
Bis(2-ethylhexyl)phthalate
Concen: 8.920 ng
RT: 21.287 min Scan# 3097
Delta R.T. -0.168 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:149 Resp: 94703
Ion Ratio Lower Upper
149 100
167 0.3 21.8 32.8#
279 0.0 2.9 4.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.706 min Scan# 3679
Delta R.T. 0.003 min
Lab File: BG057792.D
Acq: 21 Jun 2023 20:07

Tgt Ion:264 Resp: 326725
Ion Ratio Lower Upper
264 100
260 22.8 18.5 27.7
265 22.0 17.4 26.2

