

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057720.D
 Acq On : 15 Jun 2023 11:46
 Operator : CG/JU
 Sample : PB153392TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153392TB

Quant Time: Jun 15 13:01:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 03:52:08 2023
 Response via : Initial Calibration

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

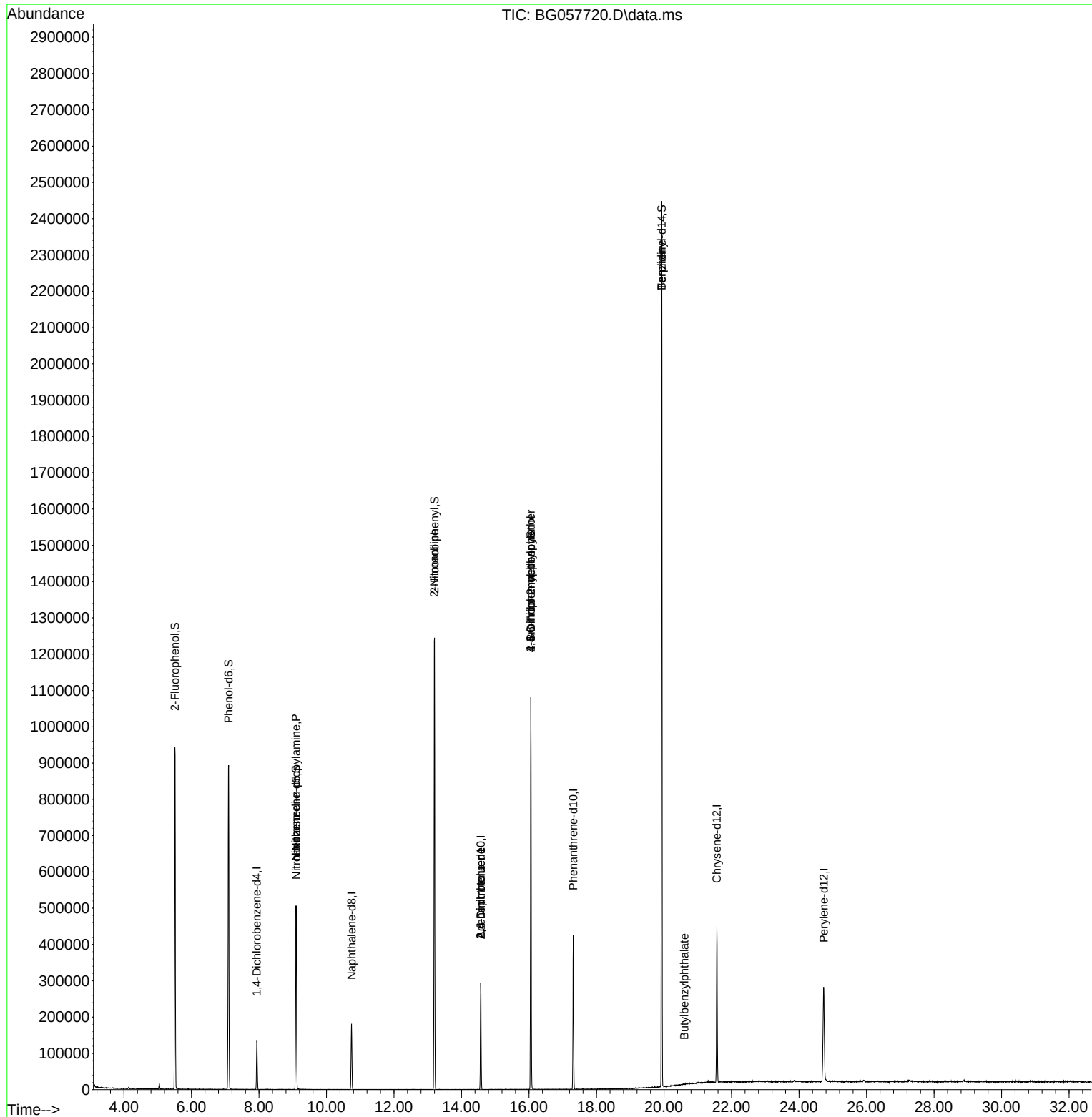
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	35635	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	149788	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	101820	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	258897	20.000	ng	0.00
76) Chrysene-d12	21.567	240	234655	20.000	ng	0.00
86) Perylene-d12	24.734	264	279291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	380571	173.897	ng	0.00
7) Phenol-d6	7.095	99	521732	155.183	ng	0.00
23) Nitrobenzene-d5	9.099	82	286528	112.989	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	204914	180.388	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	683188	100.016	ng	0.00
79) Terphenyl-d14	19.933	244	1267115	99.837	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.099	70	36598	15.055	ng	# 75
24) Nitrobenzene	9.105	77	654	5.294	ng	# 33
48) 2-Nitroaniline	13.194	65	1300	5.251	ng	# 29
51) 2,6-Dinitrotoluene	14.569	165	13478	17.919	ng	# 12
57) 2,4-Dinitrotoluene	14.569	165	13478	14.868	ng	# 15
65) 4,6-Dinitro-2-methylph...	16.055	198	534	2.970	ng	# 1
67) 4-Bromophenyl-phenylether	16.055	248	13723	5.206	ng	# 1
77) Benzidine	19.933	184	18369	3.284	ng	# 96
80) Butylbenzylphthalate	20.603	149	57	4.115	ng	# 21

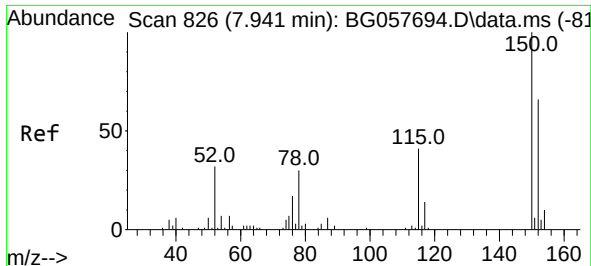
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
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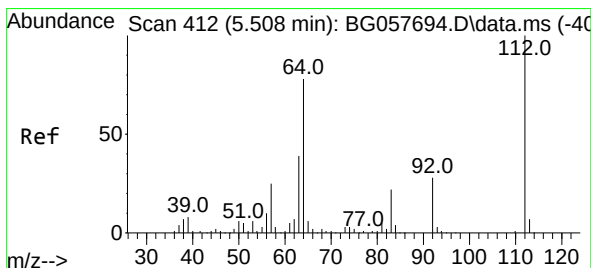
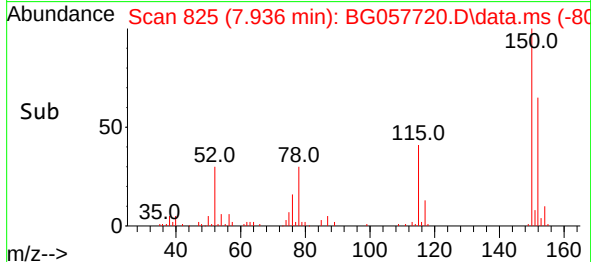
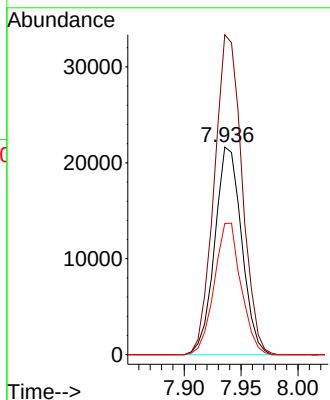
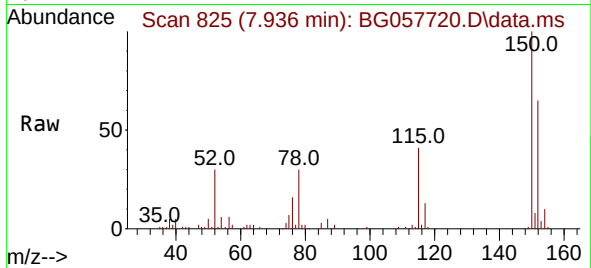




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

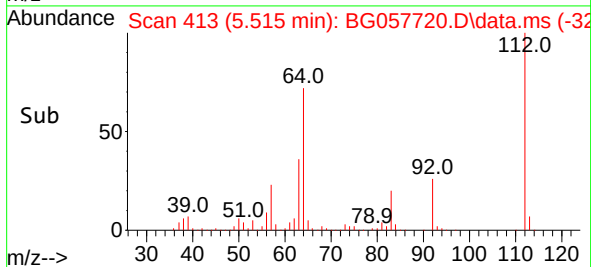
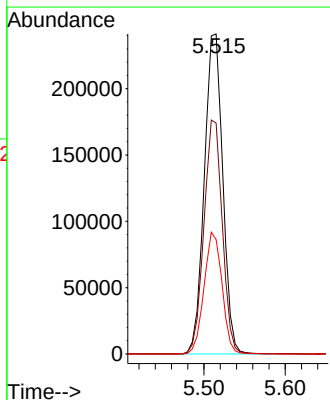
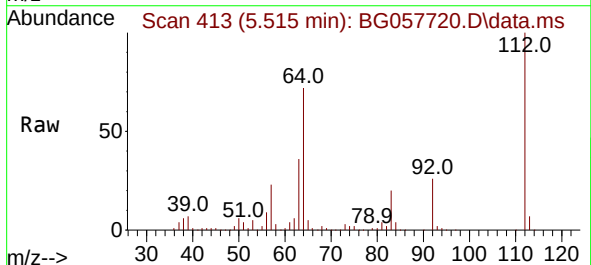
Instrument :
BNA_G
ClientSampleId :
PB153392TB

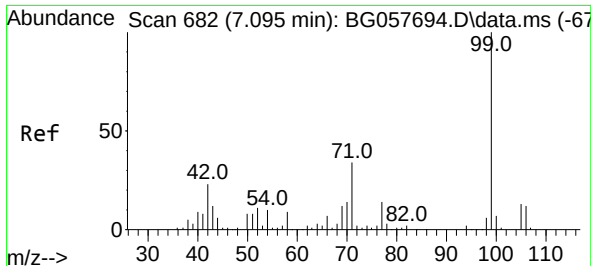
Tgt Ion:152 Resp: 35635
Ion Ratio Lower Upper
152 100
150 154.1 120.8 181.2
115 63.1 49.4 74.2



#5
2-Fluorophenol
Concen: 173.897 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:112 Resp: 380571
Ion Ratio Lower Upper
112 100
64 72.2 62.3 93.5
63 35.7 31.5 47.3

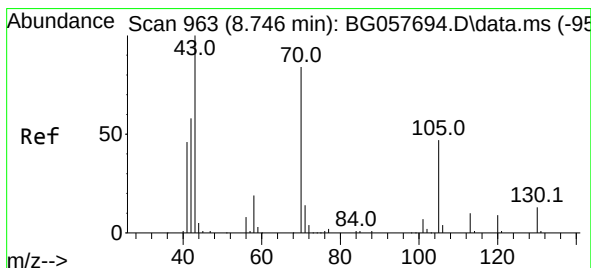
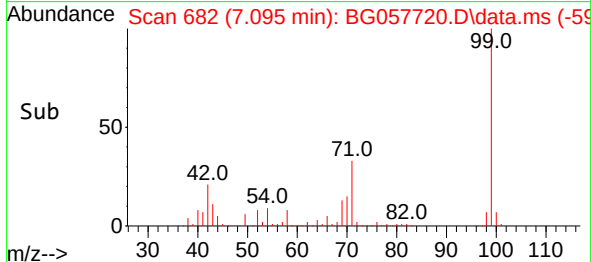
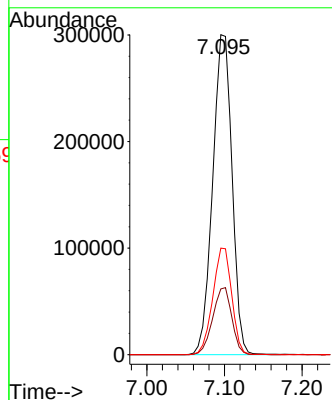
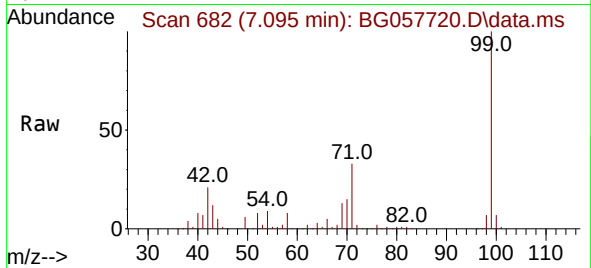




#7
Phenol-d6
Concen: 155.183 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

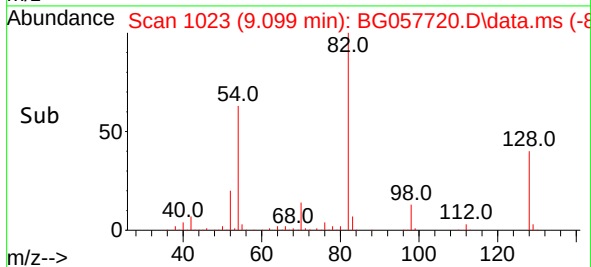
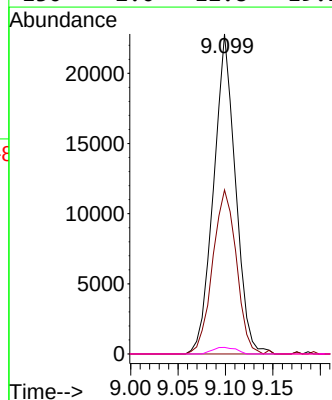
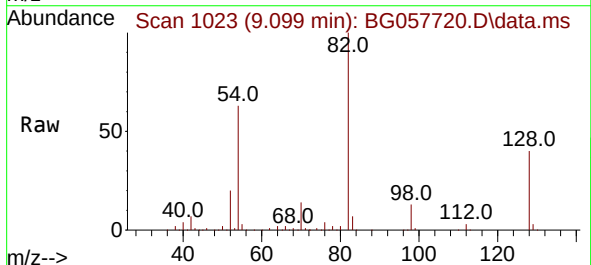
Instrument :
BNA_G
ClientSampleId :
PB153392TB

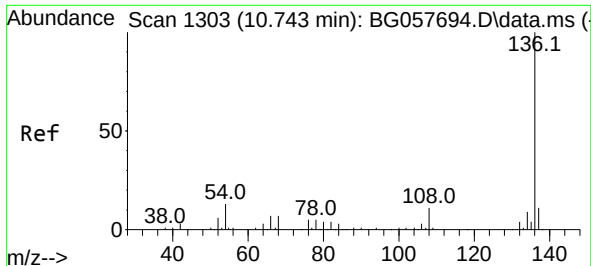
Tgt Ion: 99 Resp: 521732
Ion Ratio Lower Upper
99 100
42 20.5 18.3 27.5
71 33.3 27.5 41.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.055 ng
RT: 9.099 min Scan# 1023
Delta R.T. 0.353 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

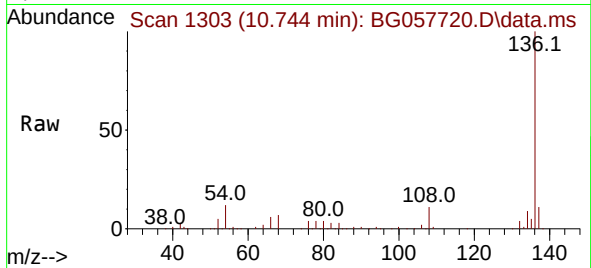
Tgt Ion: 70 Resp: 36598
Ion Ratio Lower Upper
70 100
42 51.3 56.6 84.8#
101 0.0 6.2 9.4#
130 2.0 12.8 19.2#



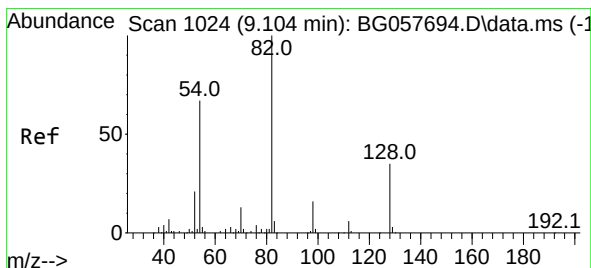
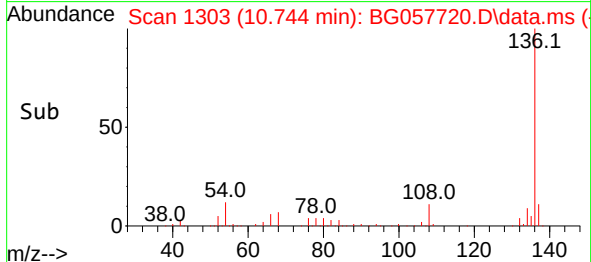
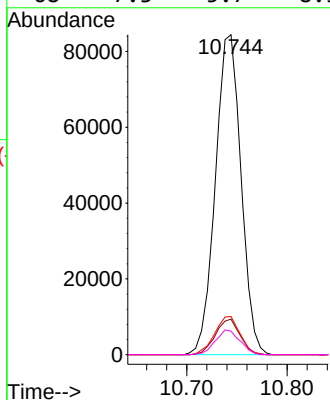


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB153392TB

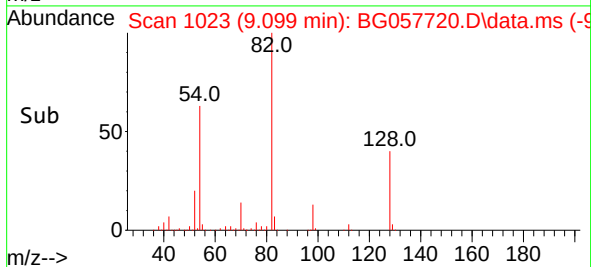
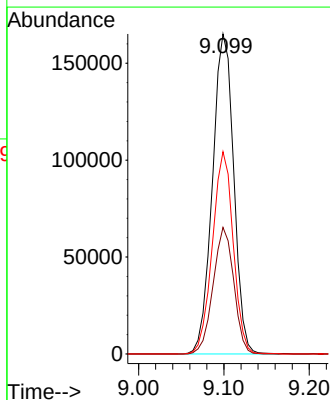
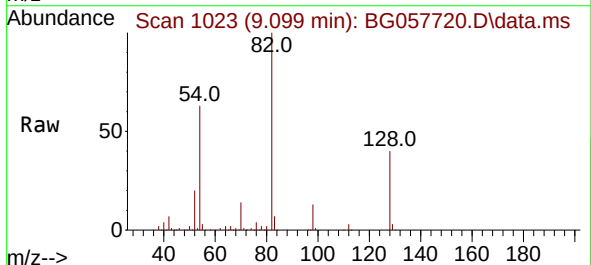


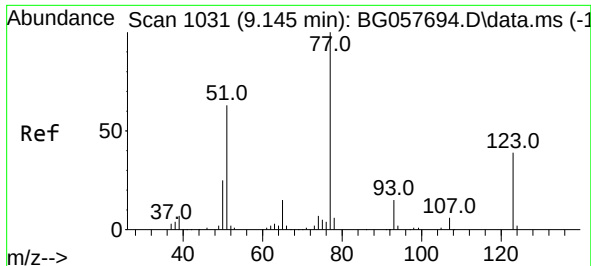
Tgt Ion:136 Resp: 149788
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 12.0 10.8 16.2
68 7.3 5.7 8.5



#23
Nitrobenzene-d5
Concen: 112.989 ng
RT: 9.099 min Scan# 1023
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion: 82 Resp: 286528
Ion Ratio Lower Upper
82 100
128 39.5 27.7 41.5
54 63.2 53.8 80.8

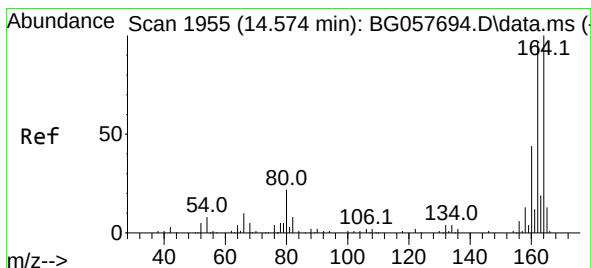
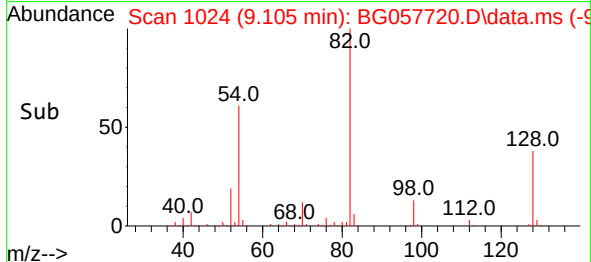
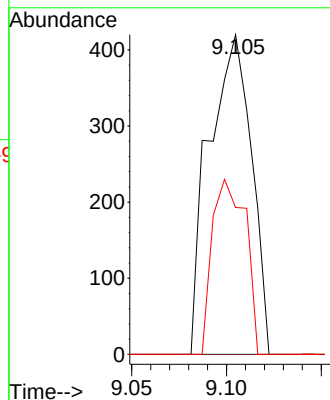
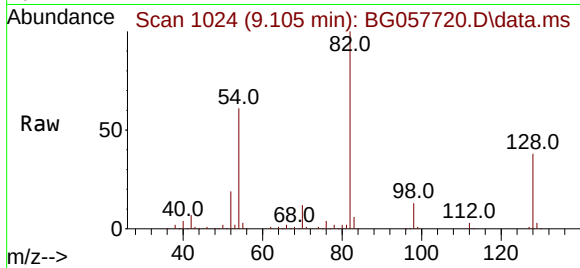




#24
Nitrobenzene
Concen: 5.294 ng
RT: 9.105 min Scan# 1031
Delta R.T. -0.040 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

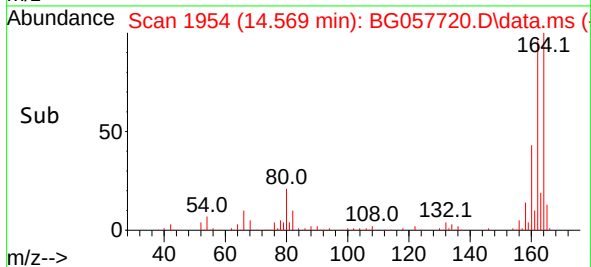
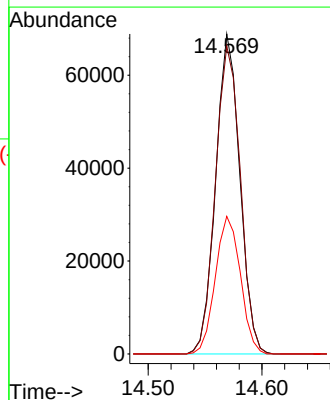
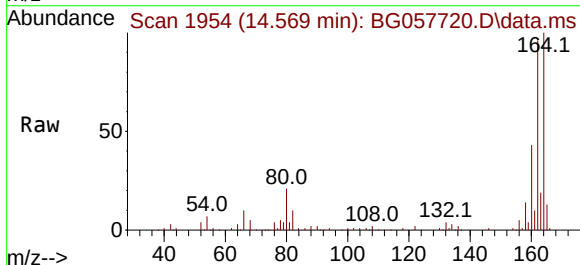
Instrument :
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ClientSampleId :
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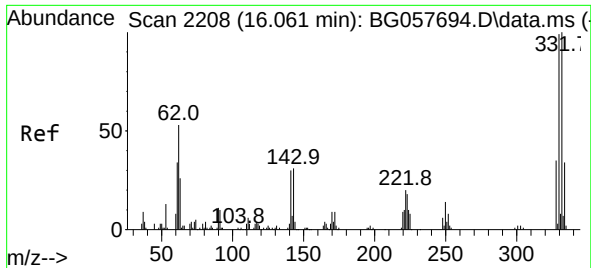
Tgt Ion: 77 Resp: 654
Ion Ratio Lower Upper
77 100
123 0.0 31.2 46.8#
65 46.0 11.6 17.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion: 164 Resp: 101820
Ion Ratio Lower Upper
164 100
162 96.2 77.7 116.5
160 43.0 35.1 52.7

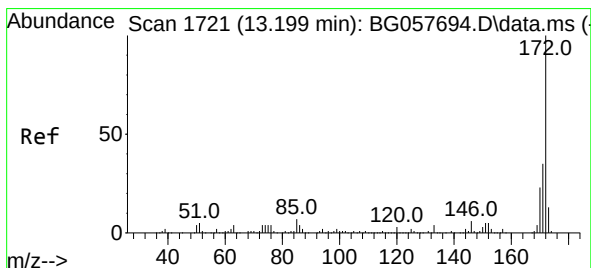
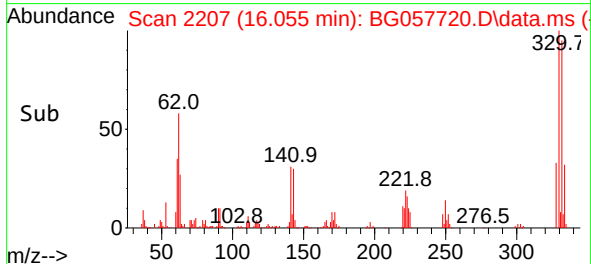
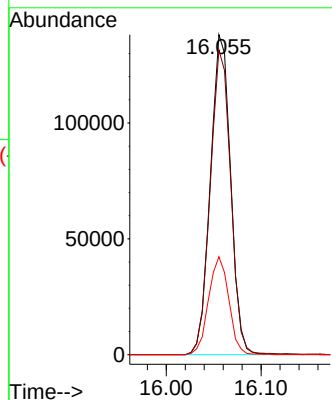
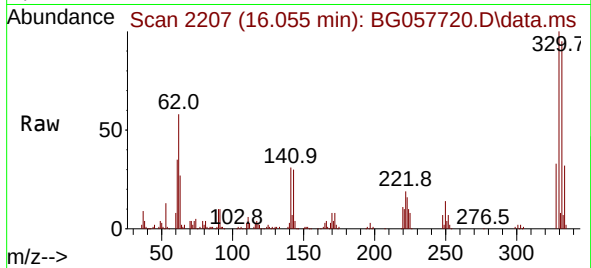




#42
2,4,6-Tribromophenol
Concen: 180.388 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

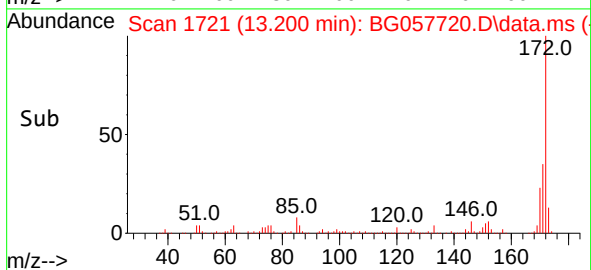
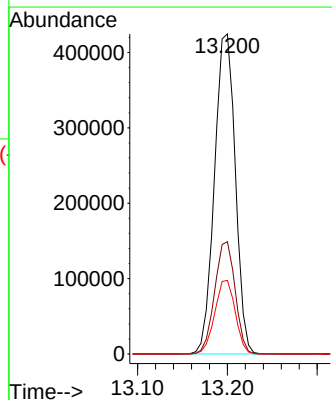
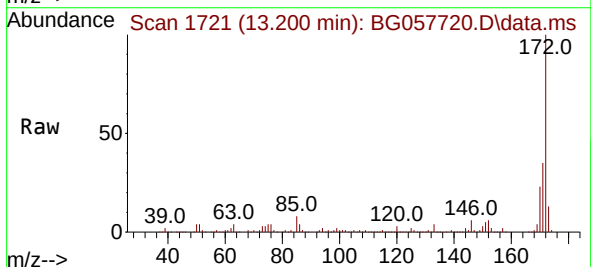
Instrument :
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ClientSampleId :
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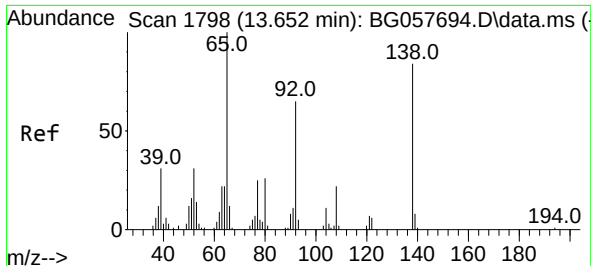
Tgt Ion:330 Resp: 204914
Ion Ratio Lower Upper
330 100
332 96.2 79.0 118.6
141 30.6 25.0 37.6



#45
2-Fluorobiphenyl
Concen: 100.016 ng
RT: 13.200 min Scan# 1721
Delta R.T. 0.001 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:172 Resp: 683188
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 18.2 27.4

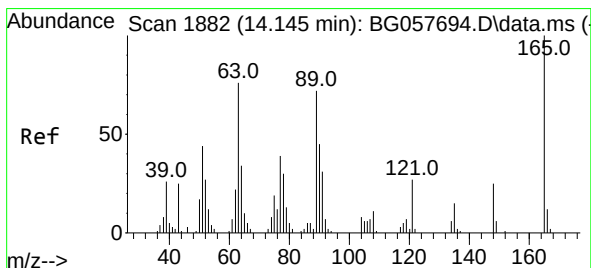
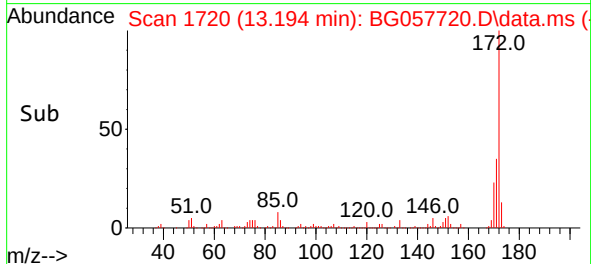
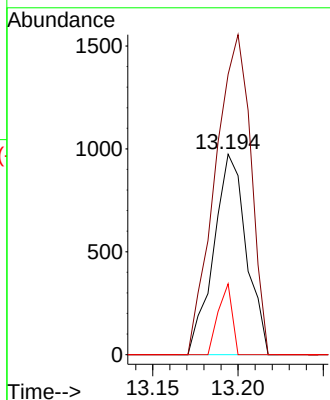
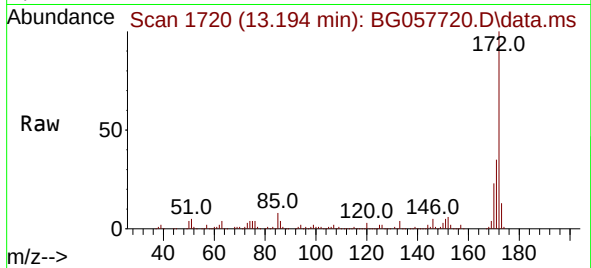




#48
2-Nitroaniline
Concen: 5.251 ng
RT: 13.194 min Scan# 11
Delta R.T. -0.458 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

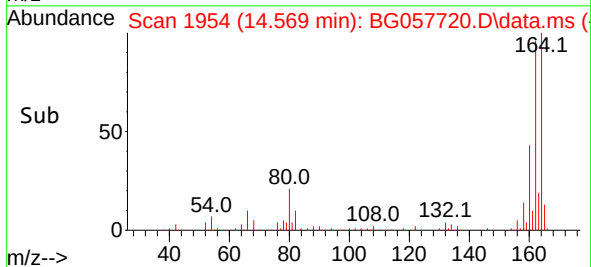
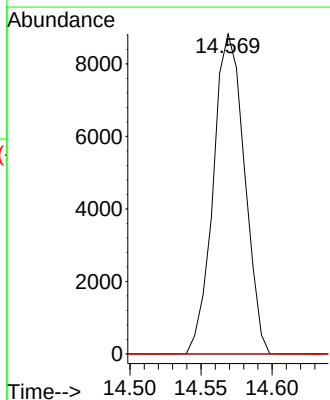
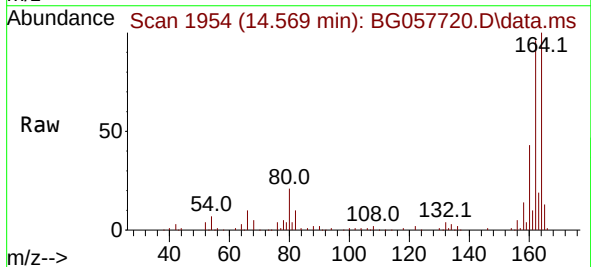
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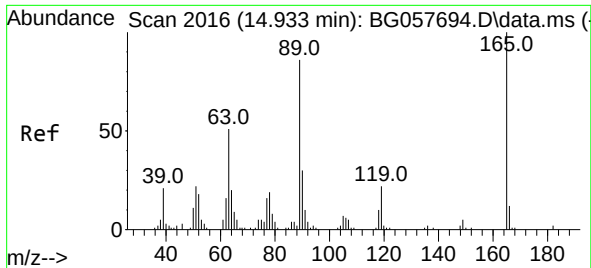
Tgt Ion: 65 Resp: 1300
Ion Ratio Lower Upper
65 100
92 139.8 52.2 78.4#
138 35.3 67.0 100.4#



#51
2,6-Dinitrotoluene
Concen: 17.919 ng
RT: 14.569 min Scan# 1954
Delta R.T. 0.424 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

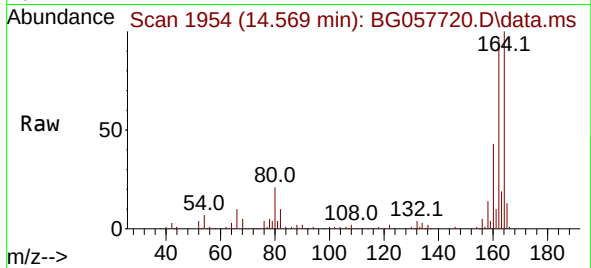
Tgt Ion:165 Resp: 13478
Ion Ratio Lower Upper
165 100
63 0.0 62.3 93.5#
89 0.0 57.4 86.0#



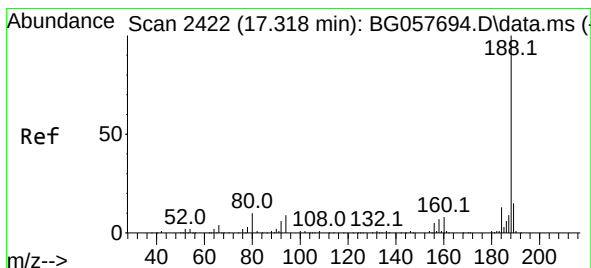
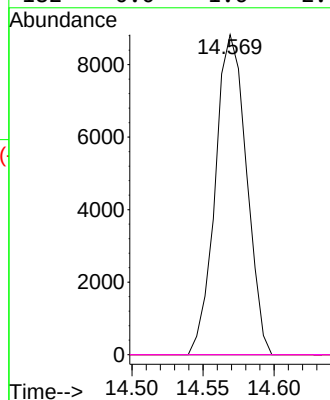
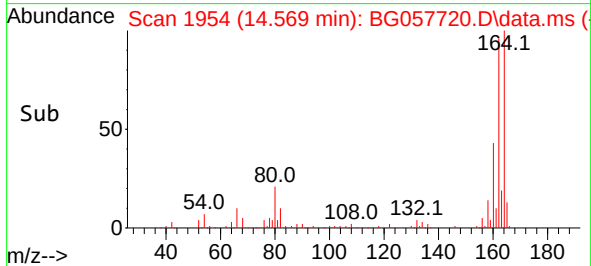


#57
2,4-Dinitrotoluene
Concen: 14.868 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.364 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Instrument :
BNA_G
ClientSampleId :
PB153392TB

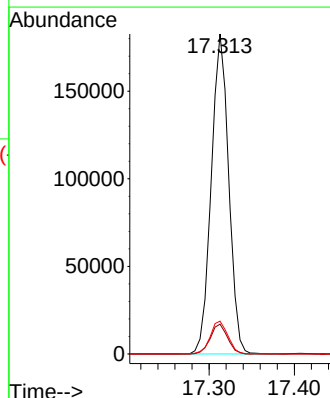
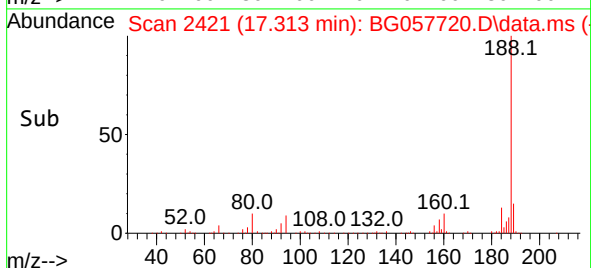
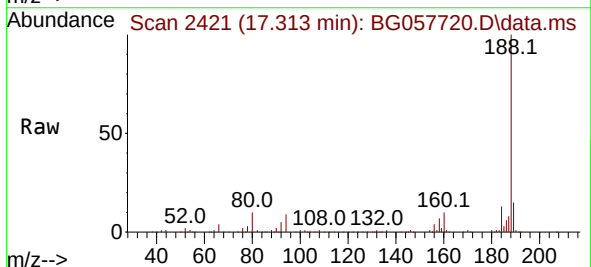


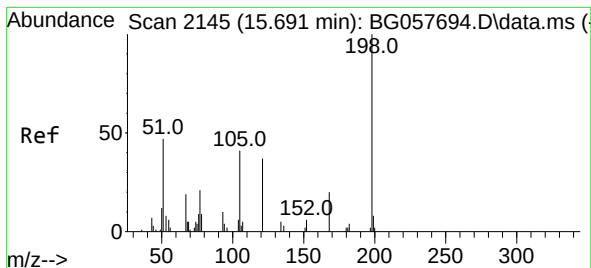
Tgt Ion:165 Resp: 13478
Ion Ratio Lower Upper
165 100
63 0.0 40.8 61.2#
89 0.0 68.5 102.7#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. -0.005 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:188 Resp: 258897
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 10.2 8.2 12.4

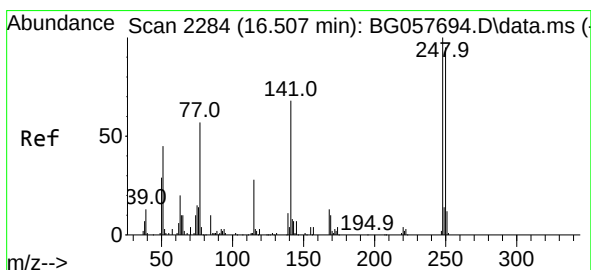
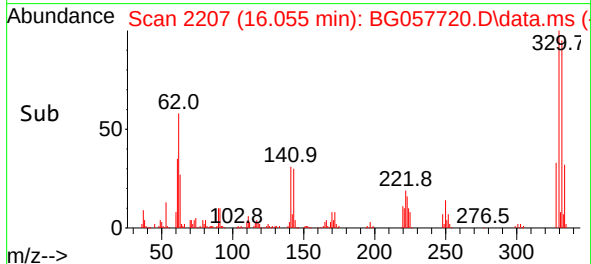
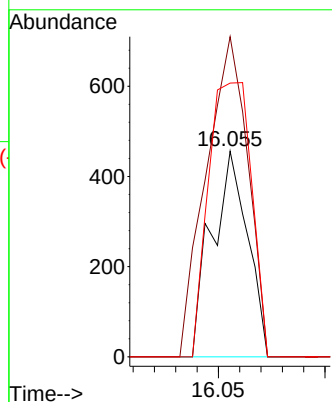
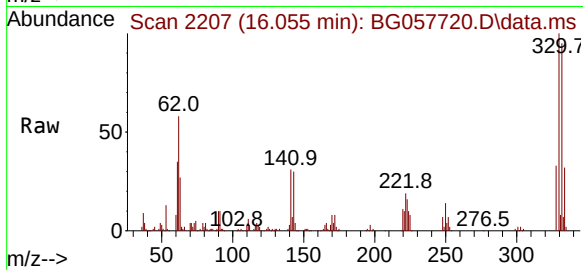




#65
4,6-Dinitro-2-methylphenol
Concen: 2.970 ng
RT: 16.055 min Scan# 2145
Delta R.T. 0.364 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

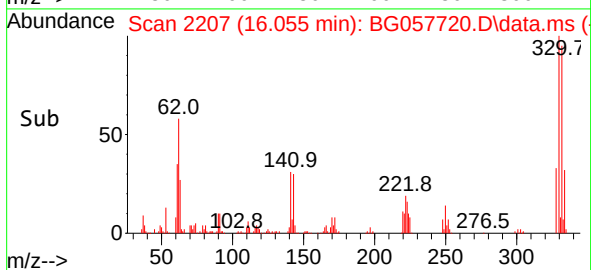
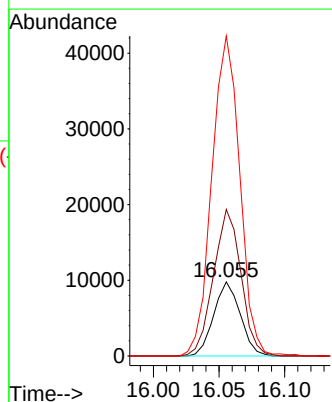
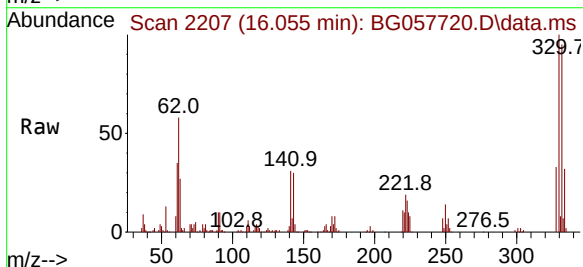
Instrument :
BNA_G
ClientSampleId :
PB153392TB

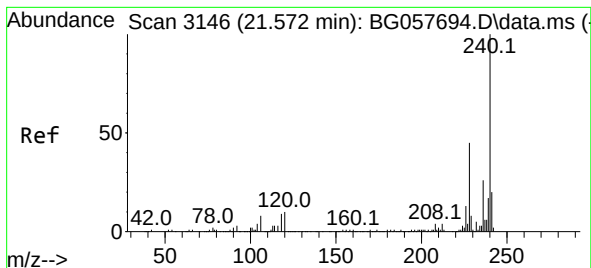
Tgt Ion:198 Resp: 534
Ion Ratio Lower Upper
198 100
51 155.7 42.0 82.0#
105 133.1 30.9 70.9#



#67
4-Bromophenyl-phenylether
Concen: 5.206 ng
RT: 16.055 min Scan# 2207
Delta R.T. -0.452 min
Lab File: BG057720.D
Acq: 15 Jun 2023 11:46

Tgt Ion:248 Resp: 13723
Ion Ratio Lower Upper
248 100
250 197.8 76.3 114.5#
141 431.8 54.6 82.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3145

Delta R.T. -0.005 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

Instrument :

BNA_G

ClientSampleId :

PB153392TB

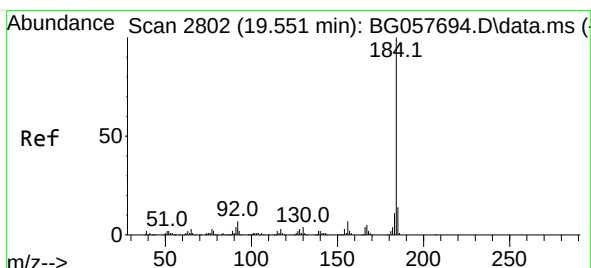
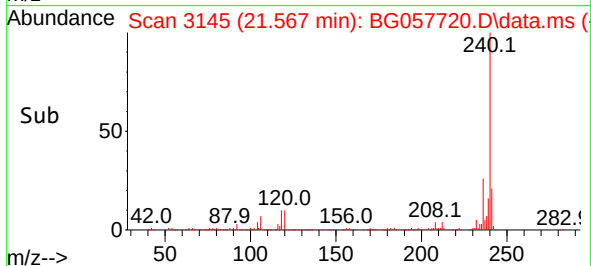
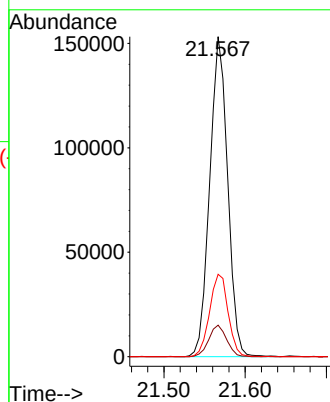
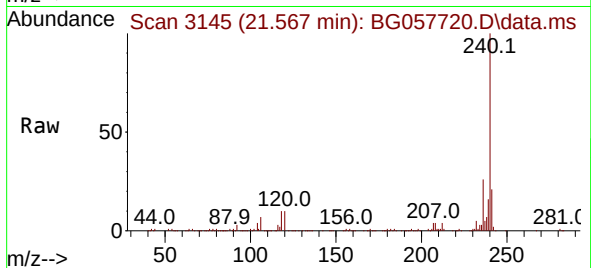
Tgt Ion:240 Resp: 234655

Ion Ratio Lower Upper

240 100

120 9.8 8.1 12.1

236 25.8 20.7 31.1



#77

Benzidine

Concen: 3.284 ng

RT: 19.933 min Scan# 2867

Delta R.T. 0.383 min

Lab File: BG057720.D

Acq: 15 Jun 2023 11:46

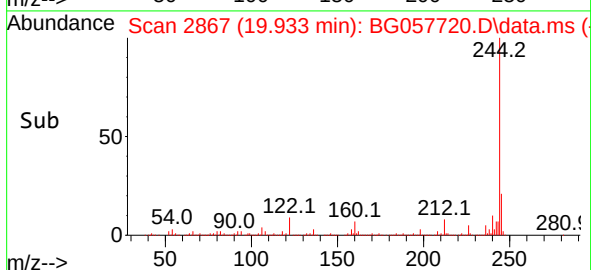
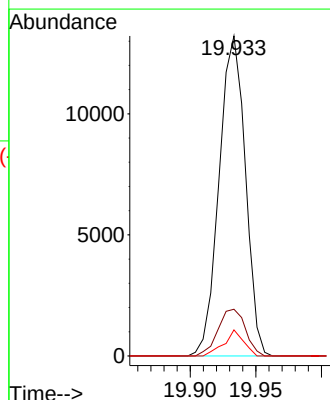
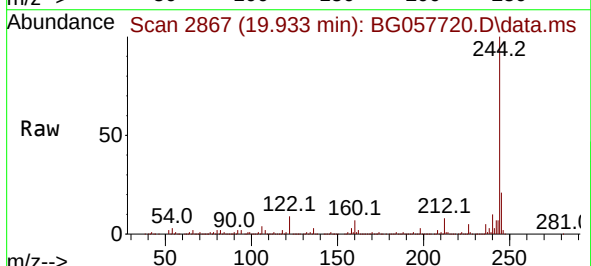
Tgt Ion:184 Resp: 18369

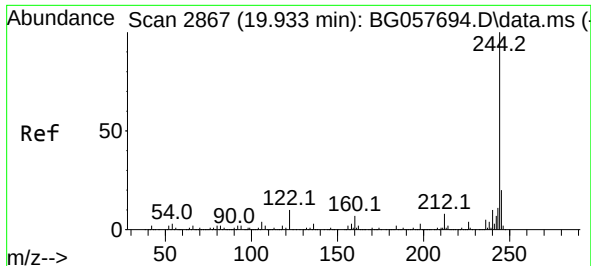
Ion Ratio Lower Upper

184 100

185 14.6 11.1 16.7

183 8.1 8.4 12.6#

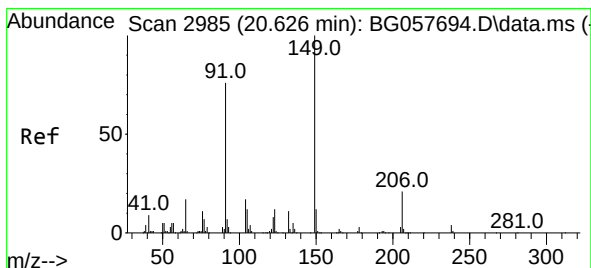
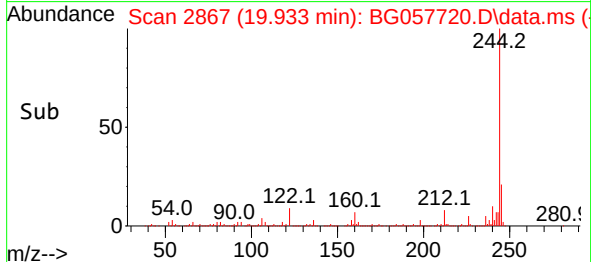
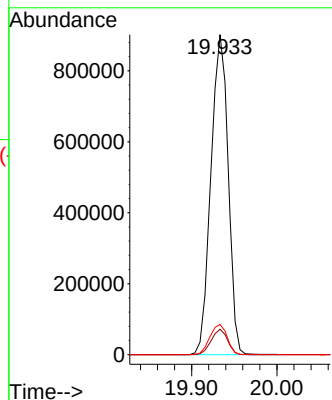
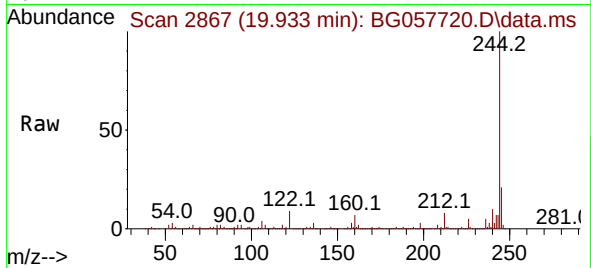




#79
 Terphenyl-d14
 Concen: 99.837 ng
 RT: 19.933 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG057720.D
 Acq: 15 Jun 2023 11:46

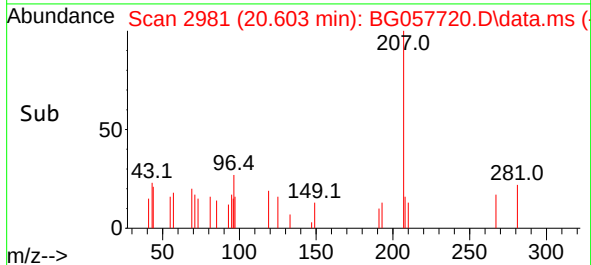
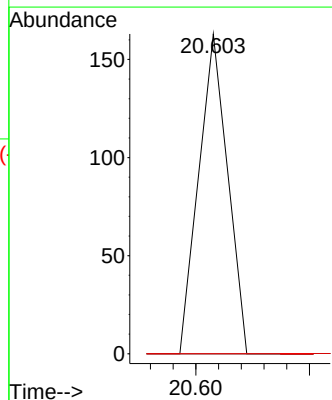
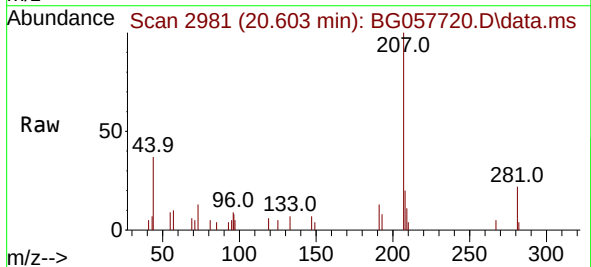
Instrument :
 BNA_G
 ClientSampleId :
 PB153392TB

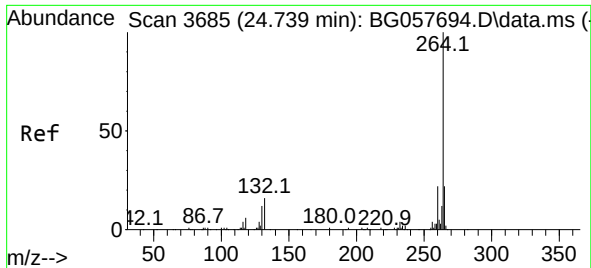
Tgt Ion:244 Resp: 1267115
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 9.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 4.115 ng
 RT: 20.603 min Scan# 2981
 Delta R.T. -0.023 min
 Lab File: BG057720.D
 Acq: 15 Jun 2023 11:46

Tgt Ion:149 Resp: 57
 Ion Ratio Lower Upper
 149 100
 91 0.0 60.8 91.2#
 206 0.0 16.8 25.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.734 min Scan# 30
 Delta R.T. -0.005 min
 Lab File: BG057720.D
 Acq: 15 Jun 2023 11:46

Instrument :
 BNA_G
 ClientSampleId :
 PB153392TB

Tgt Ion:264 Resp: 279291
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.3 25.9
 265 21.4 17.5 26.3

