

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
 Data File : BG053679.D
 Acq On : 24 May 2022 10:47
 Operator : CG/JU
 Sample : PB145019BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB145019BL

Quant Time: May 24 15:00:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 24 05:05:32 2022
 Response via : Initial Calibration

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

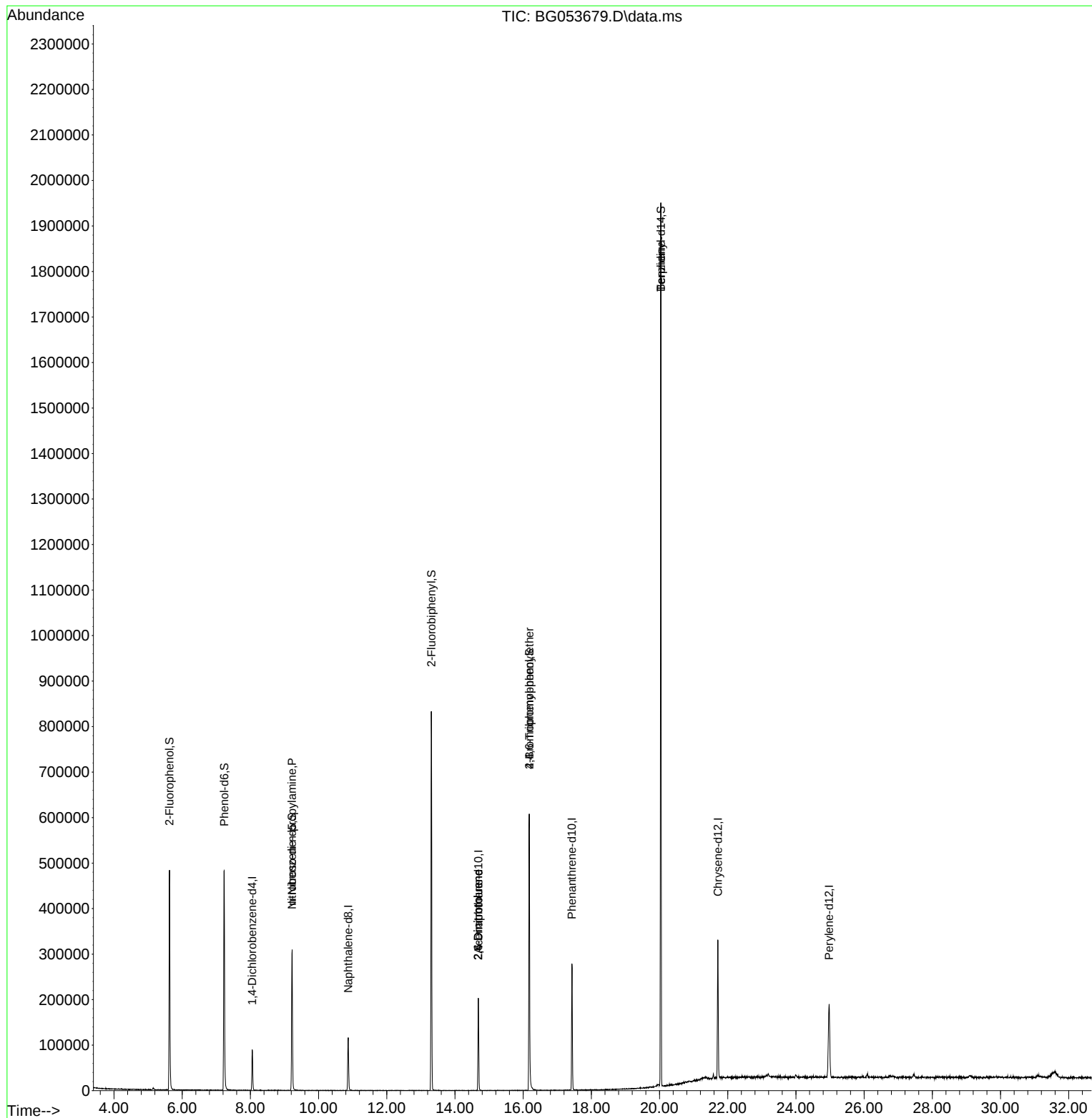
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.055	152	25135	20.000	ng	0.00
21) Naphthalene-d8	10.869	136	102078	20.000	ng	0.00
39) Acenaphthene-d10	14.687	164	75081	20.000	ng	0.00
64) Phenanthrene-d10	17.430	188	186986	20.000	ng	0.00
76) Chrysene-d12	21.713	240	198909	20.000	ng	0.00
86) Perylene-d12	24.973	264	187965	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.629	112	200904	135.652	ng	0.00
7) Phenol-d6	7.232	99	285067	126.827	ng	0.00
23) Nitrobenzene-d5	9.218	82	201522	84.038	ng	0.00
42) 2,4,6-Tribromophenol	16.179	330	136587	123.345	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	451264	87.828	ng	0.00
79) Terphenyl-d14	20.039	244	972110	91.023	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.224	70	28697	17.794	ng	# 78
51) 2,6-Dinitrotoluene	14.681	165	10291	8.853	ng	# 16
57) 2,4-Dinitrotoluene	14.681	165	10291	6.108	ng	# 21
67) 4-Bromophenyl-phenylether	16.179	248	8903	4.077	ng	# 1
77) Benzidine	20.039	184	16409	3.827	ng	# 93

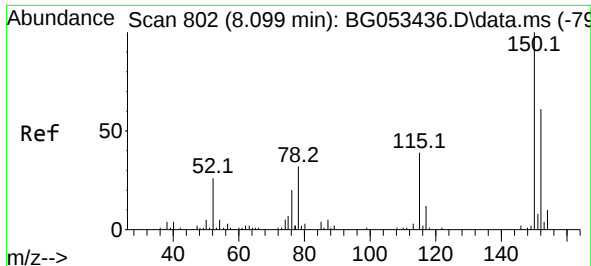
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052422\
Data File : BG053679.D
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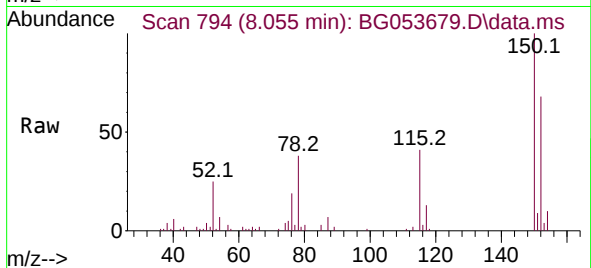
Quant Time: May 24 15:00:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 24 05:05:32 2022
Response via : Initial Calibration



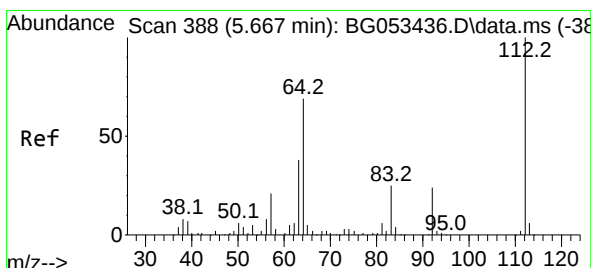
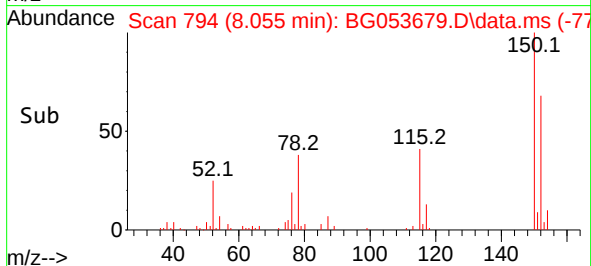
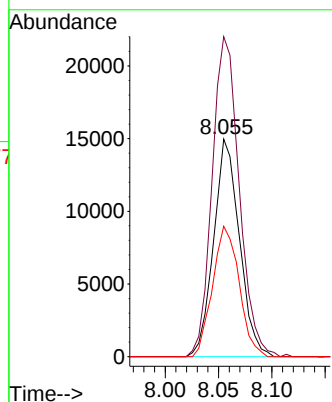


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.055 min Scan# 79
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Instrument :
BNA_G
ClientSampleId :
PB145019BL

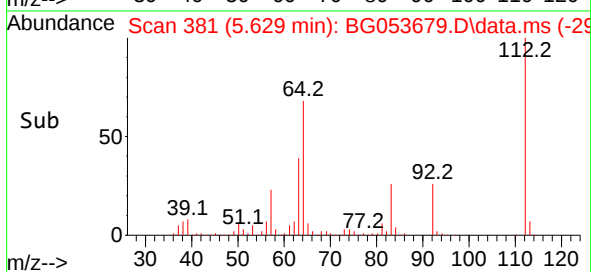
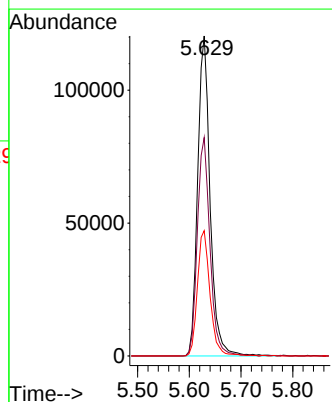
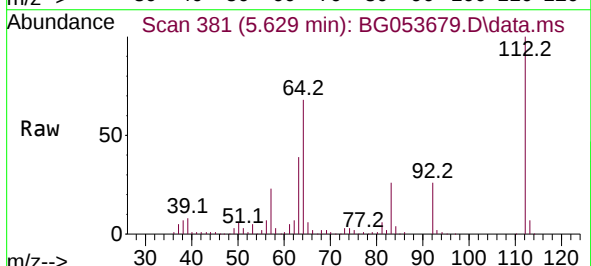


Tgt Ion:152 Resp: 25135
Ion Ratio Lower Upper
152 100
150 147.0 131.6 197.4
115 59.9 50.9 76.3



#5
2-Fluorophenol
Concen: 135.652 ng
RT: 5.629 min Scan# 381
Delta R.T. 0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:112 Resp: 200904
Ion Ratio Lower Upper
112 100
64 68.2 55.1 82.7
63 39.1 30.4 45.6

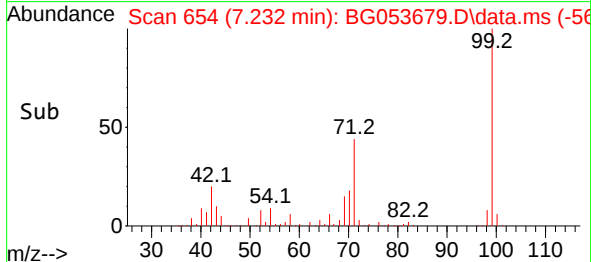
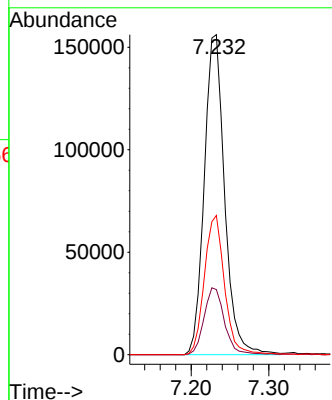
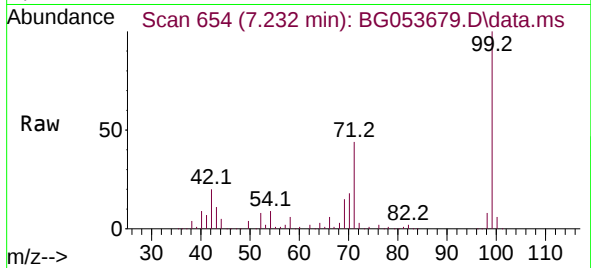




#7
Phenol-d6
Concen: 126.827 ng
RT: 7.232 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

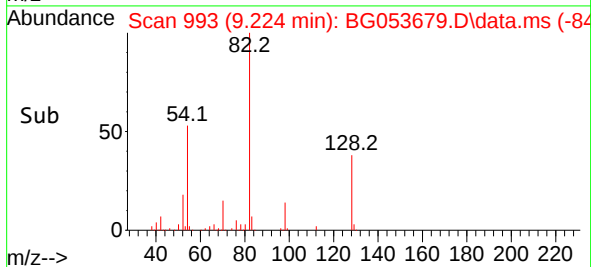
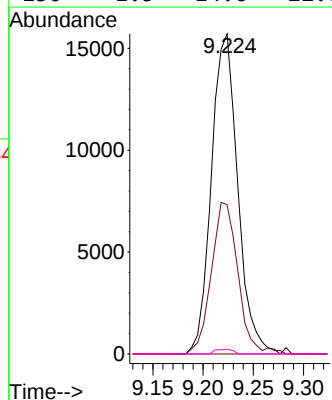
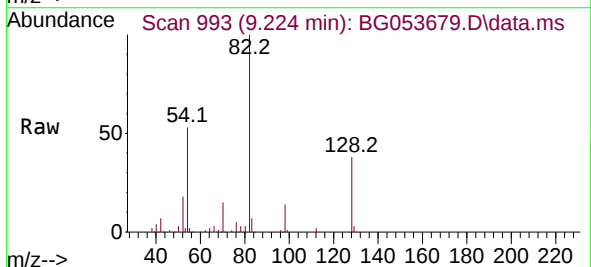
Instrument :
BNA_G
ClientSampleId :
PB145019BL

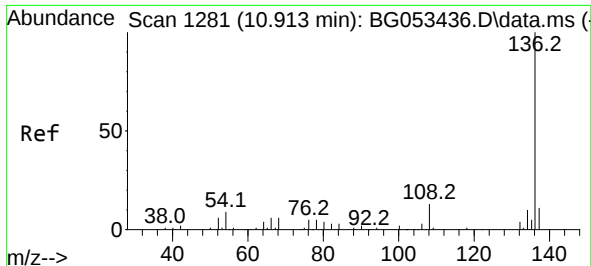
Tgt Ion: 99 Resp: 285067
Ion Ratio Lower Upper
99 100
42 20.3 17.0 25.6
71 43.5 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.794 ng
RT: 9.224 min Scan# 993
Delta R.T. 0.361 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion: 70 Resp: 28697
Ion Ratio Lower Upper
70 100
42 46.6 47.3 70.9#
101 0.0 7.0 10.4#
130 1.5 14.6 22.0#

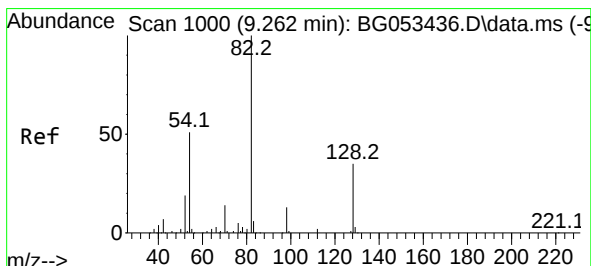
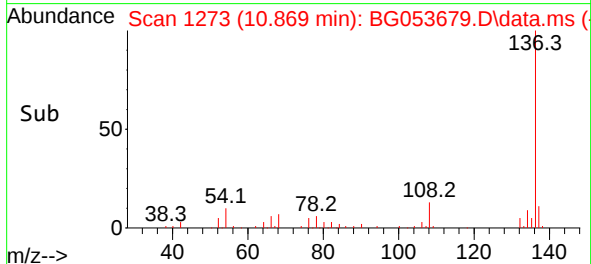
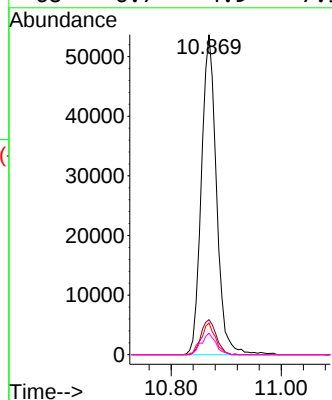
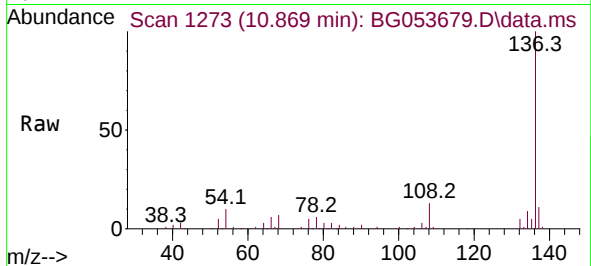




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.869 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

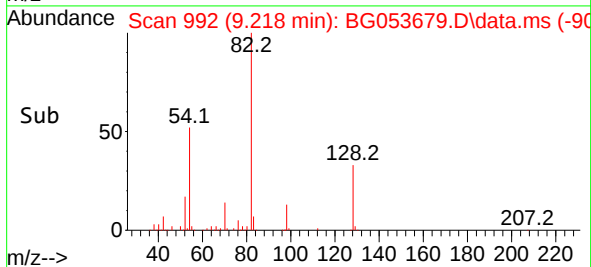
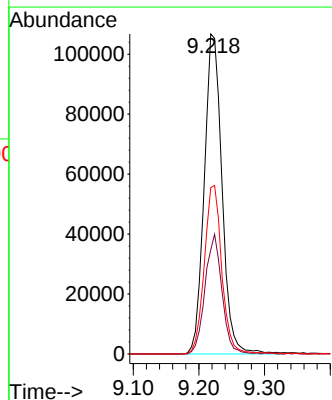
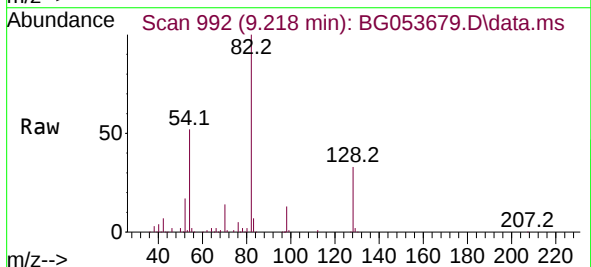
Instrument :
BNA_G
ClientSampleId :
PB145019BL

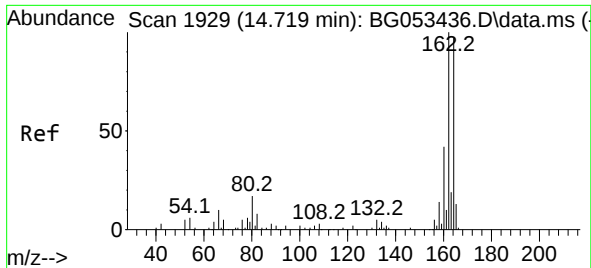
Tgt Ion:136	Resp: 102078
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 9.9	7.4 11.2
68 6.7	4.9 7.3



#23
Nitrobenzene-d5
Concen: 84.038 ng
RT: 9.218 min Scan# 992
Delta R.T. -0.009 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion: 82	Resp: 201522
Ion Ratio	Lower Upper
82 100	
128 32.5	27.9 41.9
54 52.0	41.2 61.8

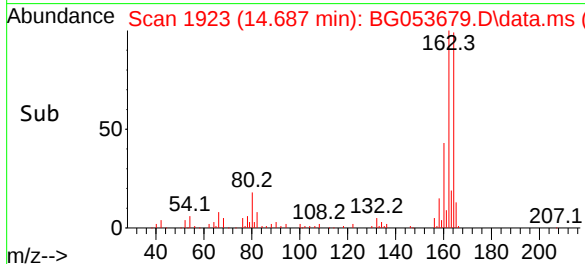
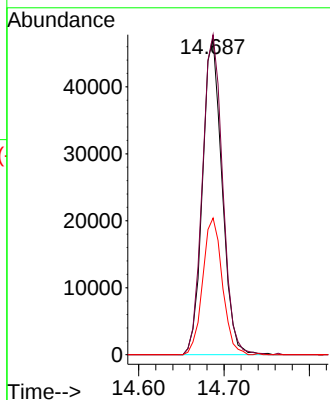
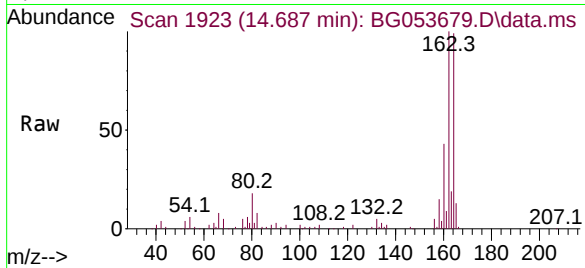




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.687 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

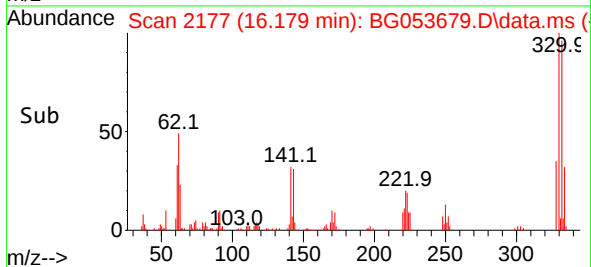
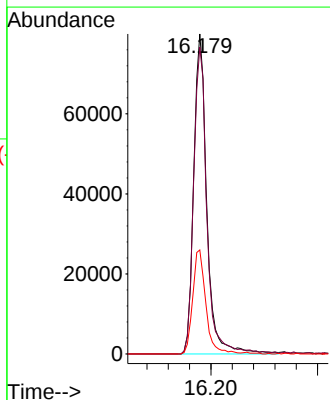
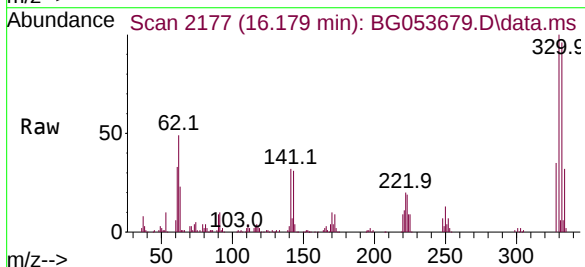
Instrument :
BNA_G
ClientSampleId :
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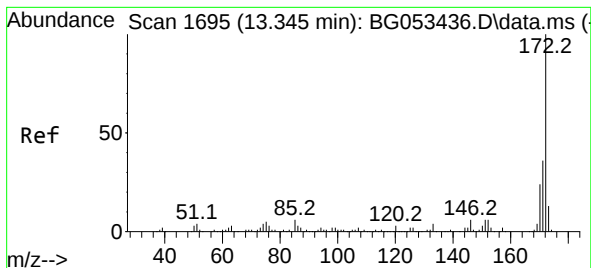
Tgt Ion:164 Resp: 75081
Ion Ratio Lower Upper
164 100
162 101.1 82.3 123.5
160 43.2 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 123.345 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:330 Resp: 136587
Ion Ratio Lower Upper
330 100
332 97.2 76.0 114.0
141 32.5 27.1 40.7





#45

2-Fluorobiphenyl

Concen: 87.828 ng

RT: 13.307 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG053679.D

Acq: 24 May 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB145019BL

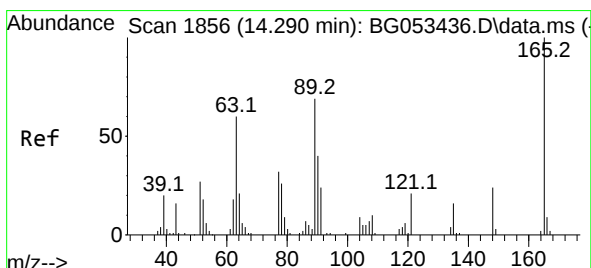
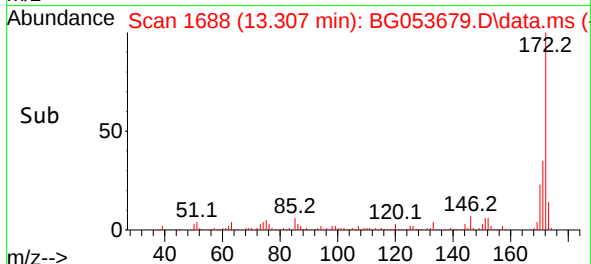
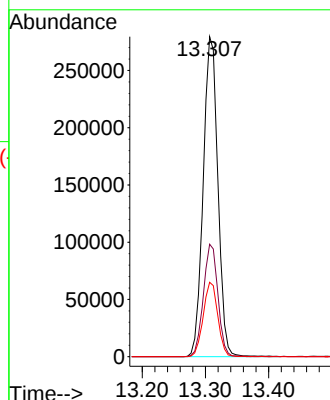
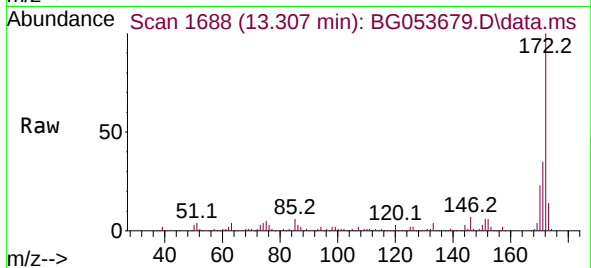
Tgt Ion:172 Resp: 451264

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

170 23.2 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 8.853 ng

RT: 14.681 min Scan# 1922

Delta R.T. 0.420 min

Lab File: BG053679.D

Acq: 24 May 2022 10:47

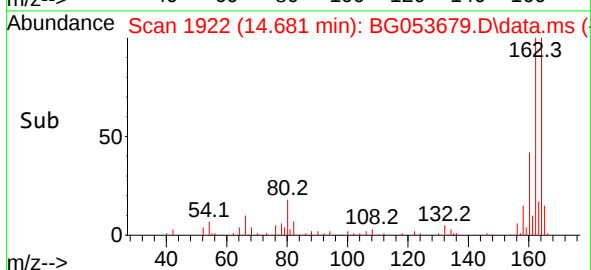
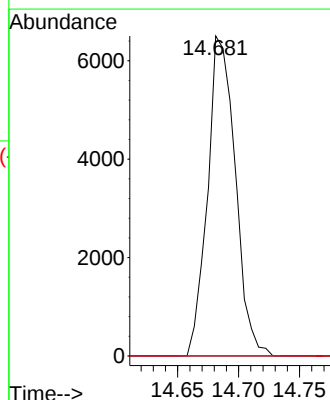
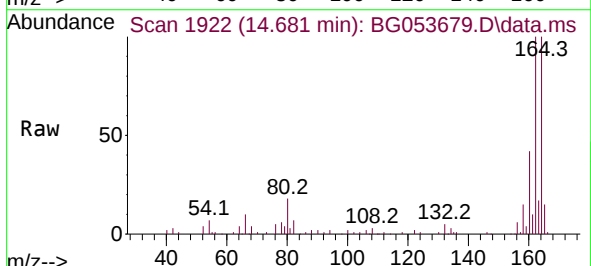
Tgt Ion:165 Resp: 10291

Ion Ratio Lower Upper

165 100

63 0.0 54.1 81.1#

89 0.0 54.8 82.2#

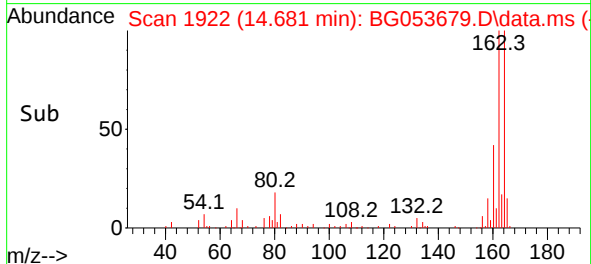
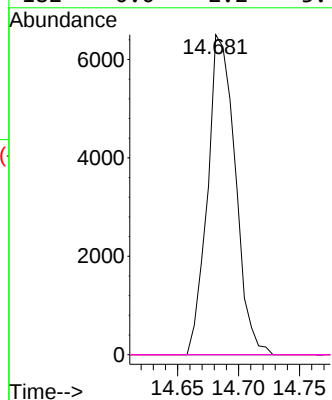
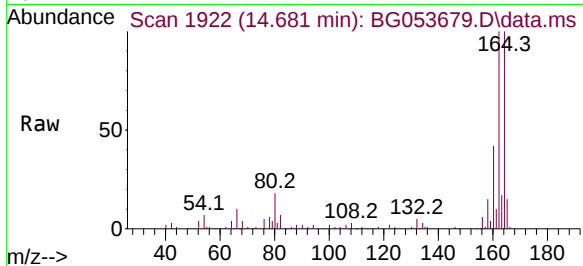




#57
2,4-Dinitrotoluene
Concen: 6.108 ng
RT: 14.681 min Scan# 1991
Delta R.T. -0.373 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

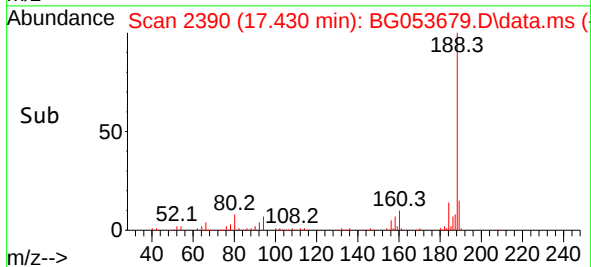
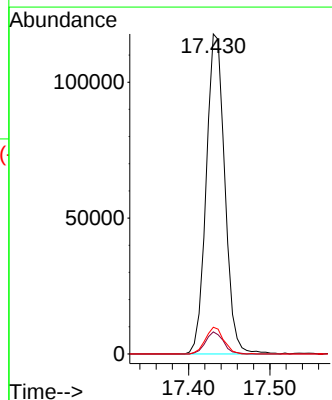
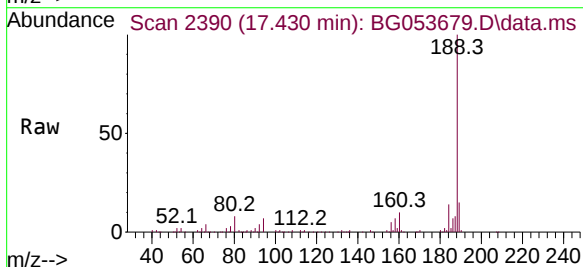
Instrument :
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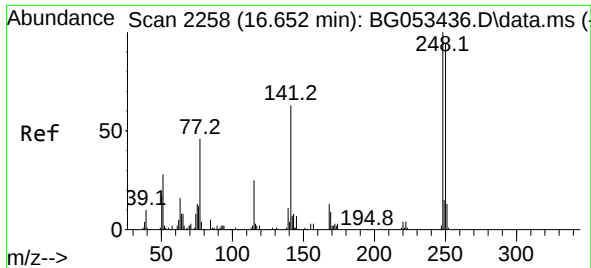
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Ion Ratio Lower Upper
165 100
63 0.0 34.6 52.0#
89 0.0 60.3 90.5#
182 0.0 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.430 min Scan# 2390
Delta R.T. -0.009 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:188 Resp: 186986
Ion Ratio Lower Upper
188 100
94 6.9 5.4 8.0
80 8.4 6.8 10.2

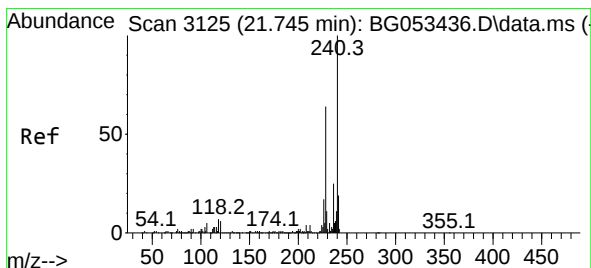
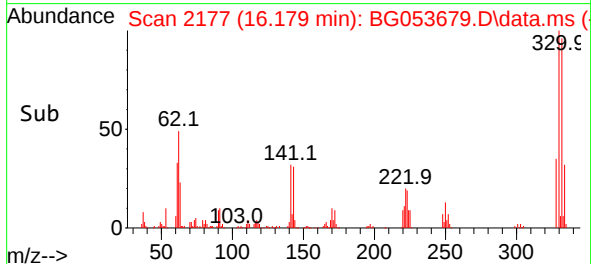
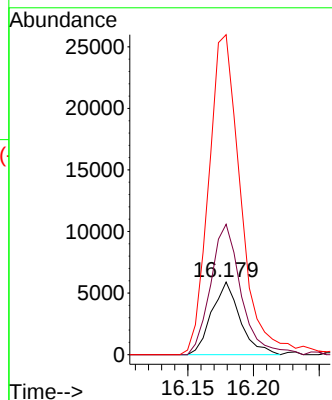
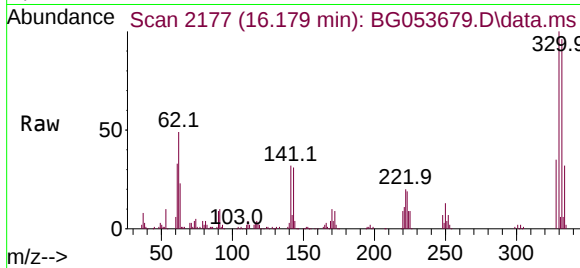




#67
4-Bromophenyl-phenylether
Concen: 4.077 ng
RT: 16.179 min Scan# 2177
Delta R.T. -0.438 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

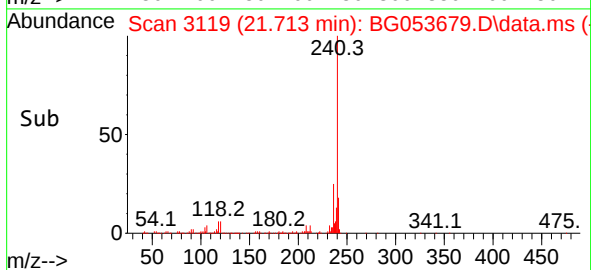
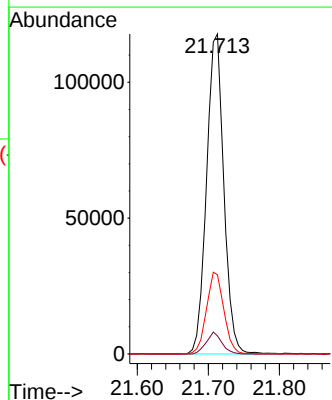
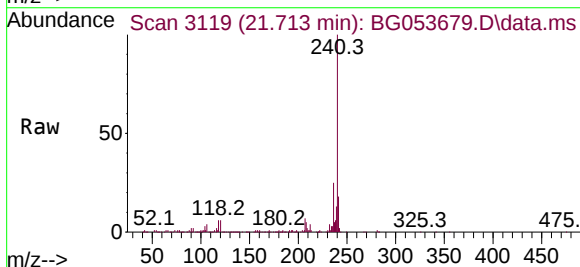
Instrument :
BNA_G
ClientSampleId :
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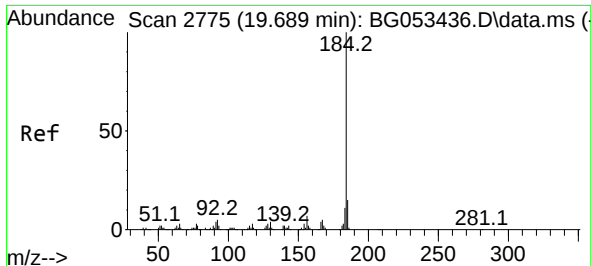
Tgt Ion:248 Resp: 8903
Ion Ratio Lower Upper
248 100
250 179.3 75.2 112.8#
141 440.1 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3119
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:240 Resp: 198909
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 24.7 20.2 30.4

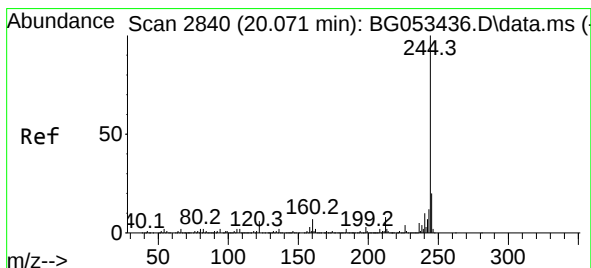
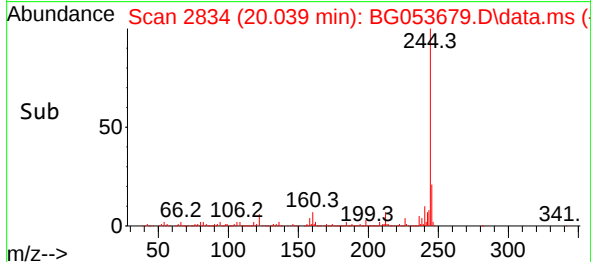
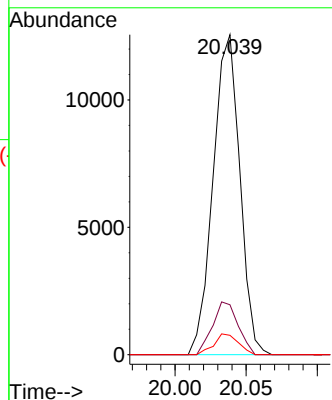
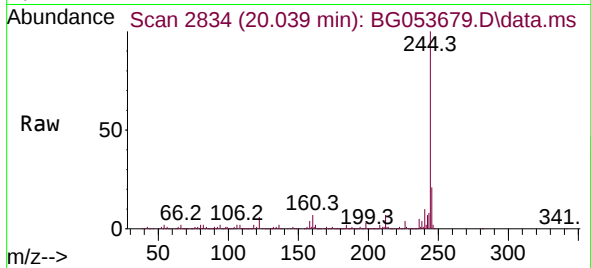




#77
Benzidine
Concen: 3.827 ng
RT: 20.039 min Scan# 2834
Delta R.T. 0.379 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

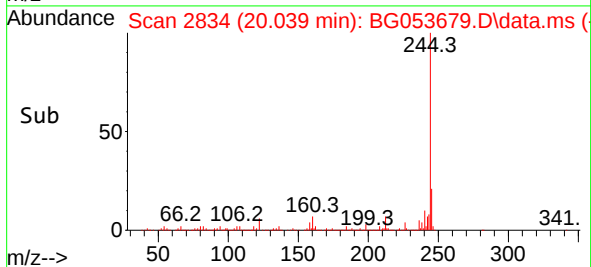
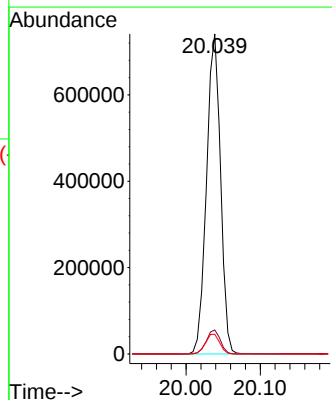
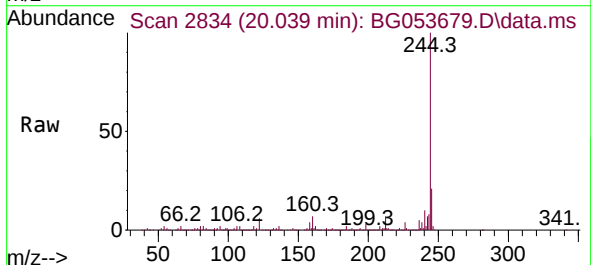
Instrument :
BNA_G
ClientSampleId :
PB145019BL

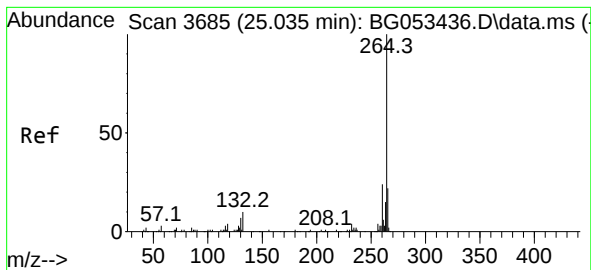
Tgt Ion:184 Resp: 16409
Ion Ratio Lower Upper
184 100
185 15.6 11.8 17.6
183 6.0 8.9 13.3#



#79
Terphenyl-d14
Concen: 91.023 ng
RT: 20.039 min Scan# 2834
Delta R.T. -0.003 min
Lab File: BG053679.D
Acq: 24 May 2022 10:47

Tgt Ion:244 Resp: 972110
Ion Ratio Lower Upper
244 100
212 7.5 6.5 9.7
122 6.2 5.0 7.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.973 min Scan# 30

Delta R.T. -0.009 min

Lab File: BG053679.D

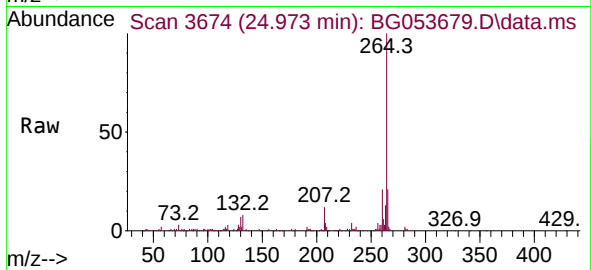
Acq: 24 May 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB145019BL



Tgt Ion:264 Resp: 187965

Ion Ratio Lower Upper

264 100

260 21.3 19.0 28.6

265 20.6 17.4 26.2

