

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053498.D
 Acq On : 9 May 2022 18:23
 Operator : CG/JU
 Sample : N2745-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-31S

Quant Time: May 10 03:02:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 02:13:53 2022
 Response via : Initial Calibration

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

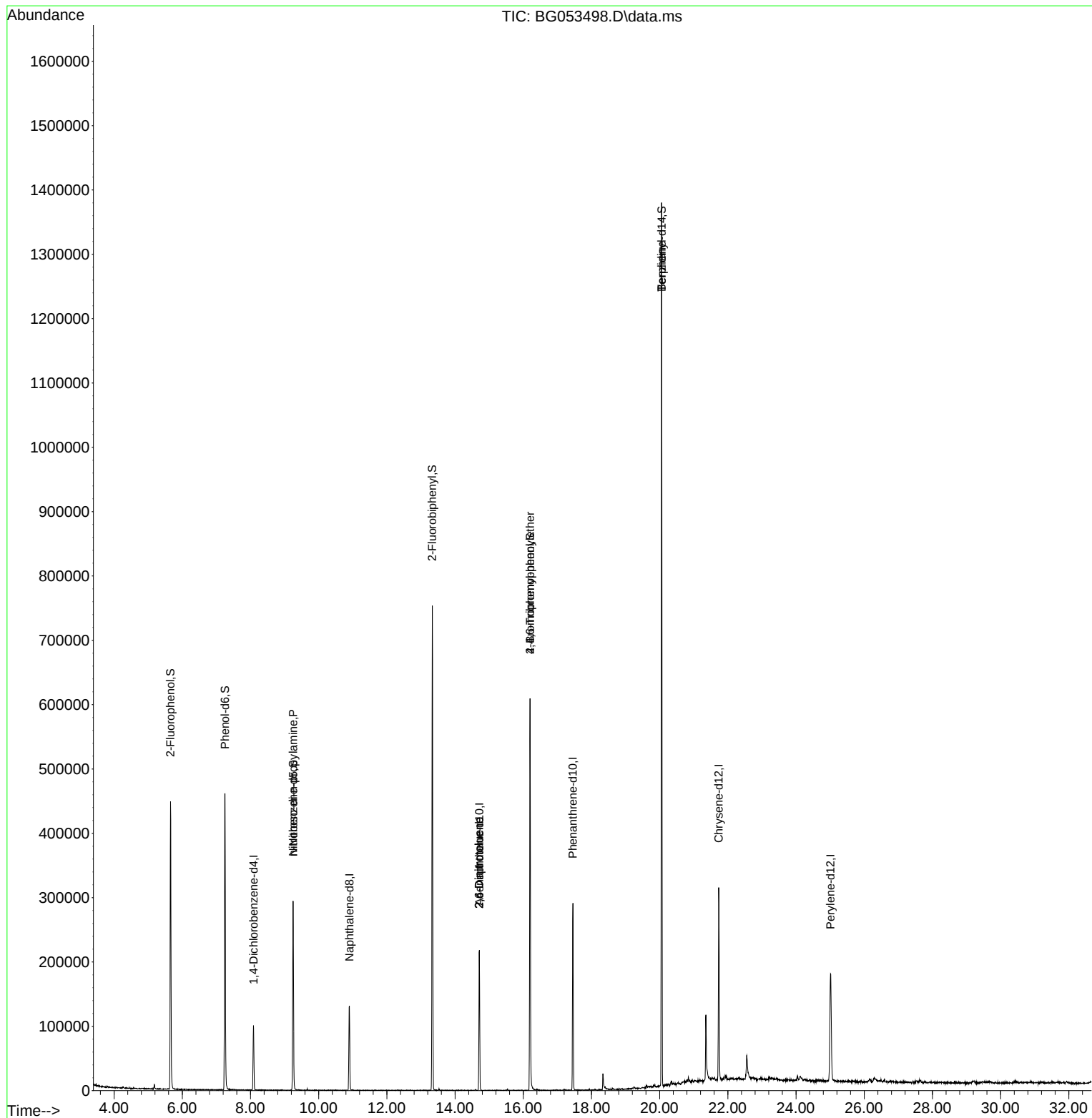
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.094	152	27648	20.000	ng	0.00
21) Naphthalene-d8	10.902	136	112254	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	81575	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	189338	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	196449	20.000	ng	-0.01
86) Perylene-d12	25.012	264	197815	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	191626	117.627	ng	-0.01
7) Phenol-d6	7.253	99	273246	110.518	ng	0.00
23) Nitrobenzene-d5	9.251	82	188763	71.582	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	126749	105.349	ng	-0.01
45) 2-Fluorobiphenyl	13.334	172	392951	70.391	ng	-0.01
79) Terphenyl-d14	20.060	244	696134	65.998	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	26855	15.139	ng	# 71
51) 2,6-Dinitrotoluene	14.708	165	10569	8.369	ng	# 16
57) 2,4-Dinitrotoluene	14.708	165	10569	5.773	ng	# 21
67) 4-Bromophenyl-phenylether	16.200	248	7900	3.573	ng	# 1
77) Benzidine	20.060	184	11641	2.749	ng	# 95

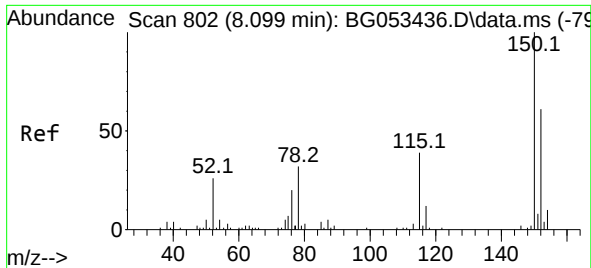
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
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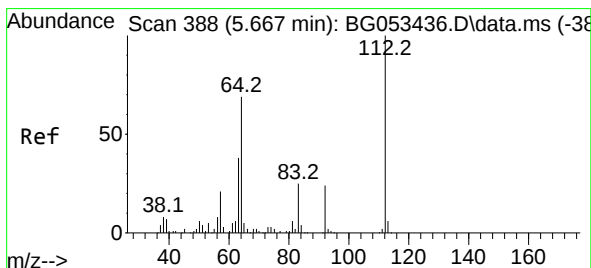
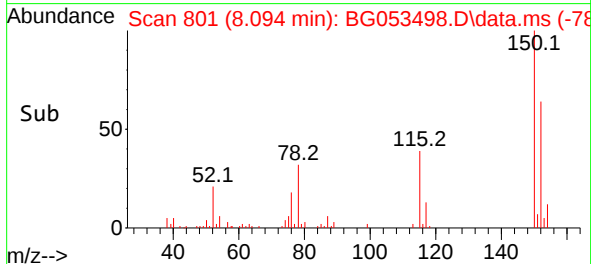
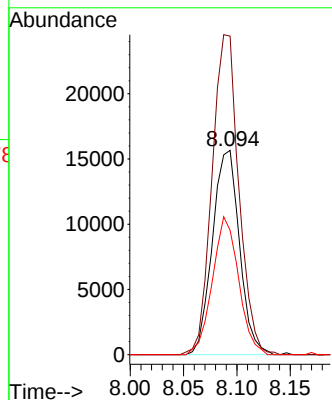
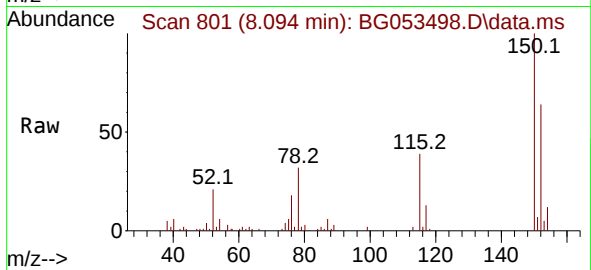




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.094 min Scan# 801
Delta R.T. -0.005 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

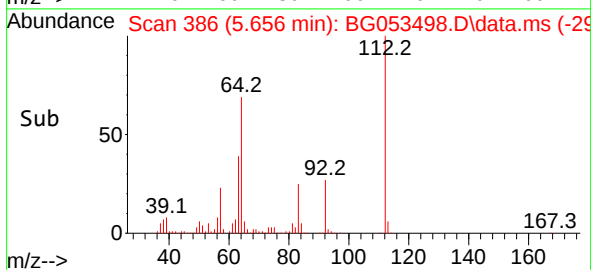
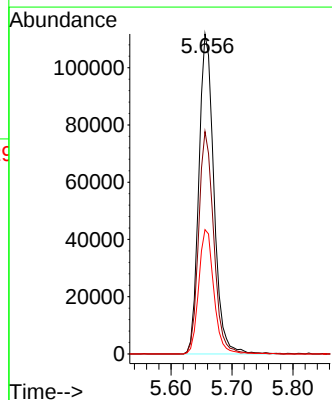
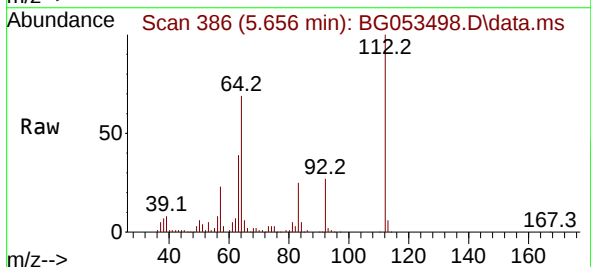
Instrument :
BNA_G
ClientSampleId :
MH-31S

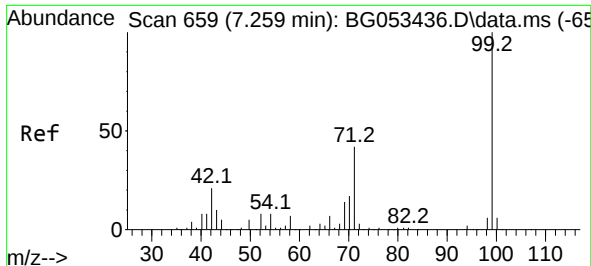
Tgt Ion:152 Resp: 27648
Ion Ratio Lower Upper
152 100
150 155.9 131.6 197.4
115 60.8 50.9 76.3



#5
2-Fluorophenol
Concen: 117.627 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:112 Resp: 191626
Ion Ratio Lower Upper
112 100
64 69.5 55.1 82.7
63 38.8 30.4 45.6

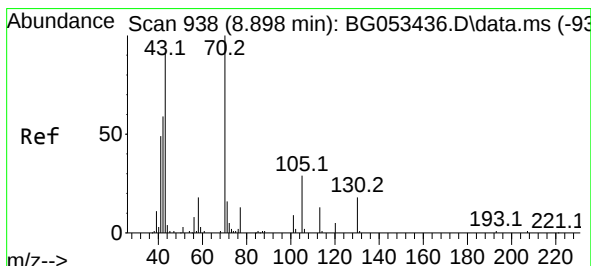
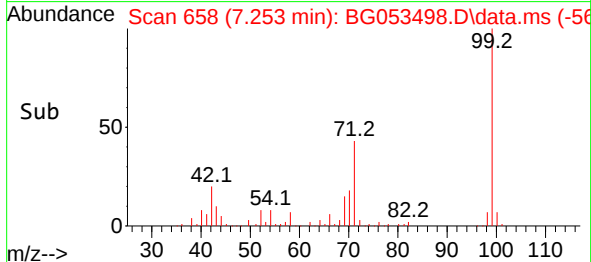
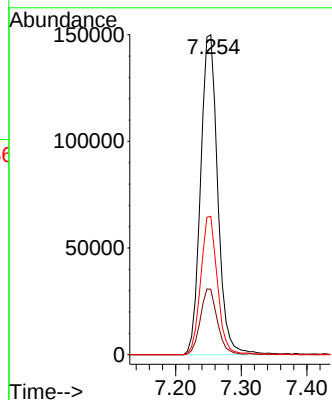
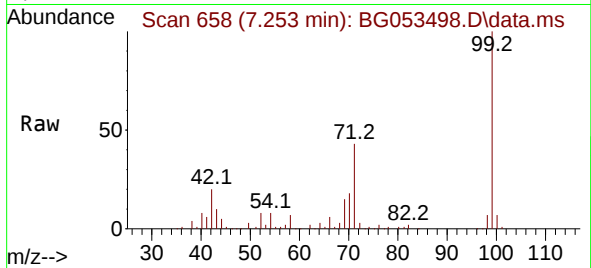




#7
Phenol-d6
Concen: 110.518 ng
RT: 7.253 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

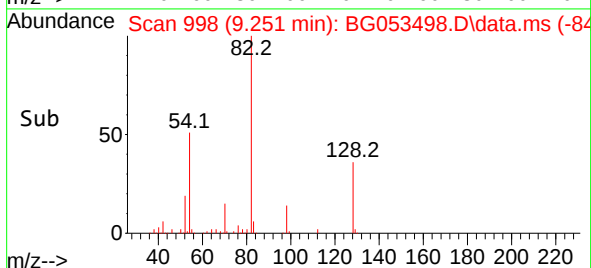
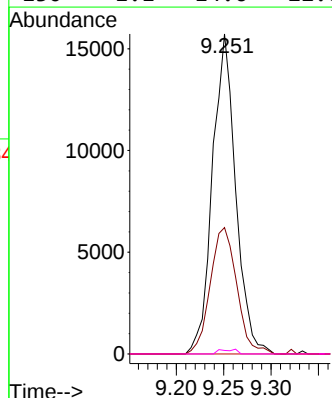
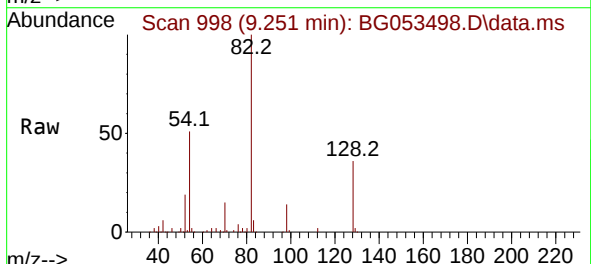
Instrument :
BNA_G
ClientSampleId :
MH-31S

Tgt Ion: 99 Resp: 273246
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.6
71 43.3 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 15.139 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.353 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion: 70 Resp: 26855
Ion Ratio Lower Upper
70 100
42 39.5 47.3 70.9#
101 0.0 7.0 10.4#
130 1.1 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.902 min Scan# 11

Delta R.T. -0.011 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

Instrument :

BNA_G

ClientSampleId :

MH-31S

Tgt Ion:136 Resp: 112254

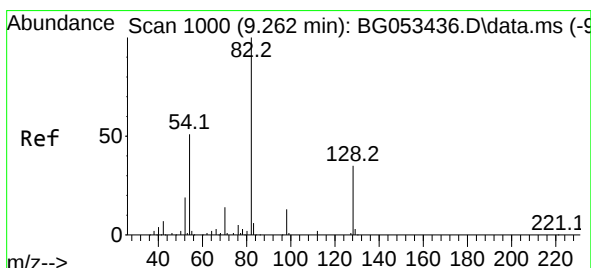
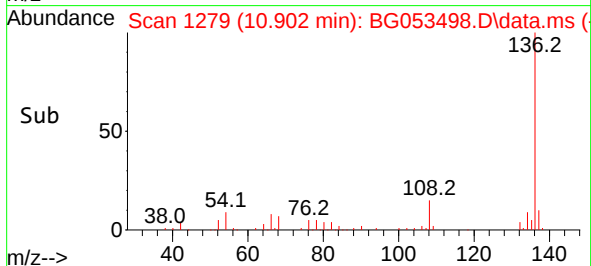
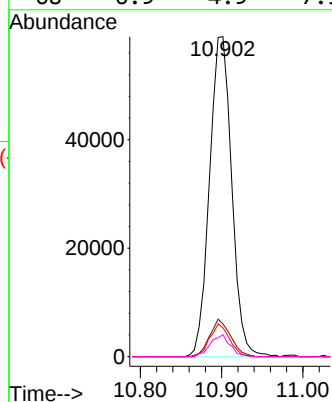
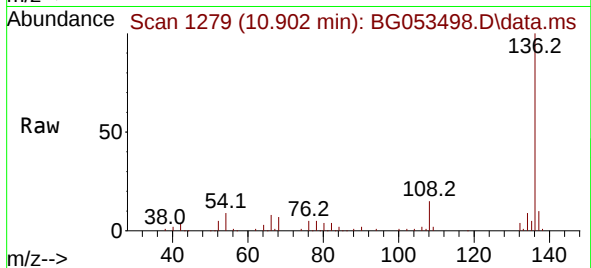
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 9.0 7.4 11.2

68 6.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 71.582 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.011 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

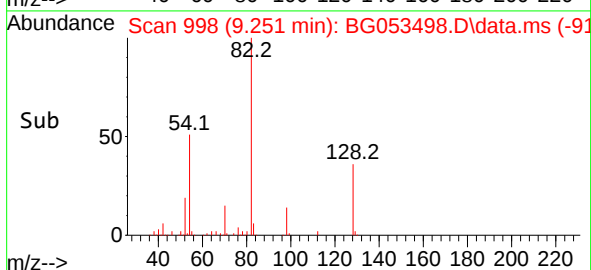
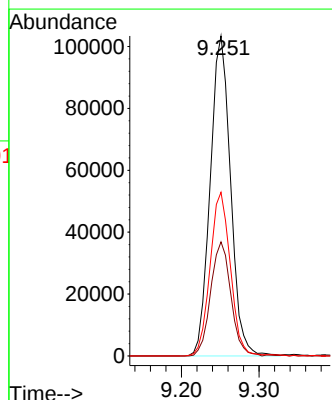
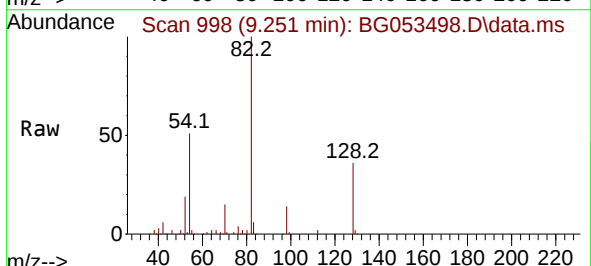
Tgt Ion: 82 Resp: 188763

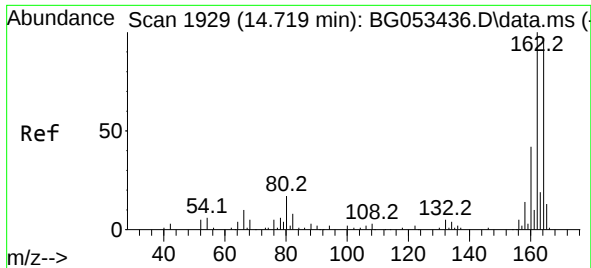
Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

54 51.1 41.2 61.8

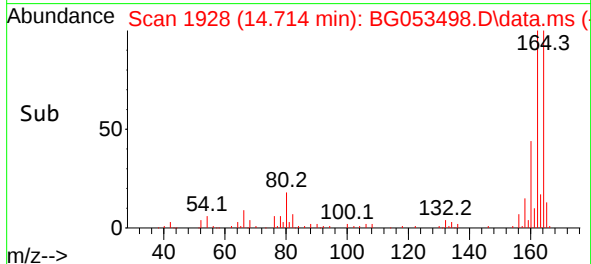
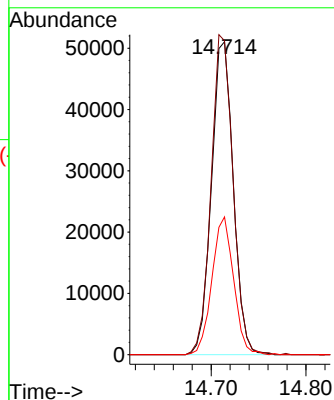
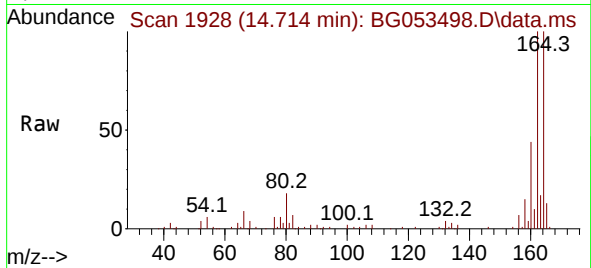




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

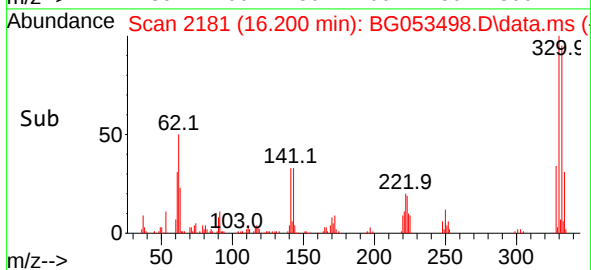
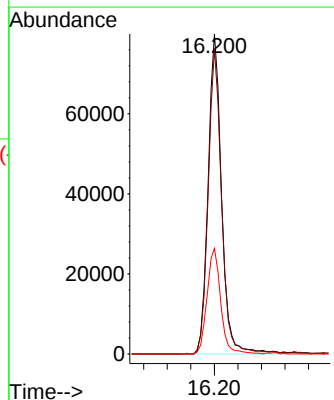
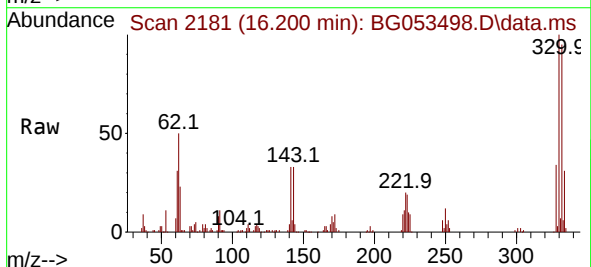
Instrument :
BNA_G
ClientSampleId :
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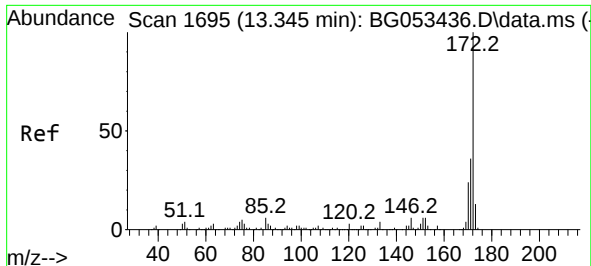
Tgt Ion:164 Resp: 81575
Ion Ratio Lower Upper
164 100
162 100.3 82.3 123.5
160 44.0 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 105.349 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:330 Resp: 126749
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 33.4 27.1 40.7

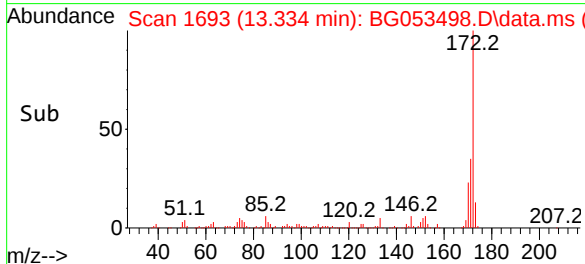
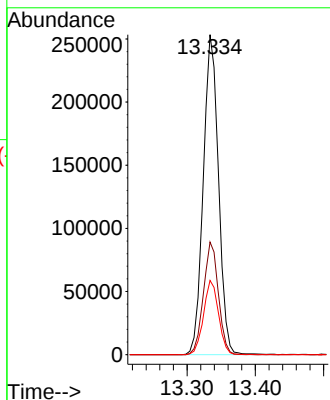
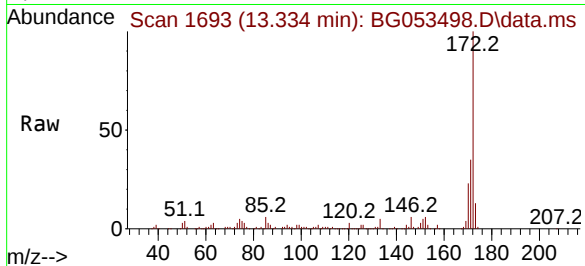




#45
2-Fluorobiphenyl
Concen: 70.391 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

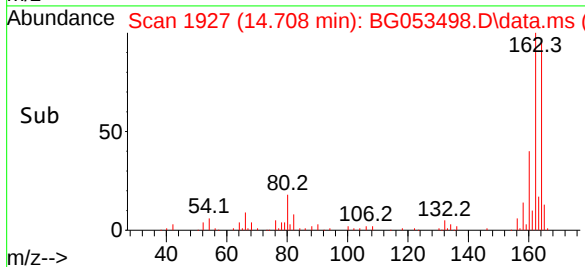
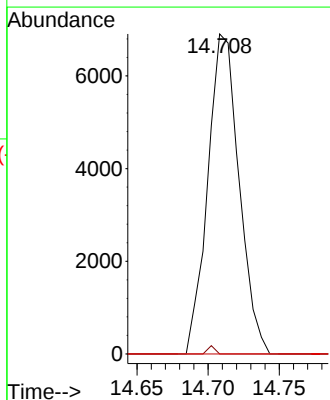
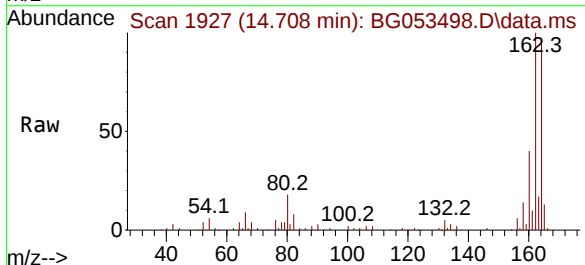
Instrument :
BNA_G
ClientSampleId :
MH-31S

Tgt Ion:172 Resp: 392951
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: 8.369 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.418 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Tgt Ion:165 Resp: 10569
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: 5.773 ng

RT: 14.708 min Scan# 1991

Delta R.T. -0.375 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

Instrument :

BNA_G

ClientSampleId :

MH-31S

Tgt Ion:165 Resp: 10569

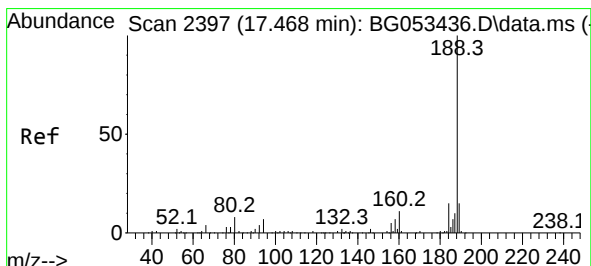
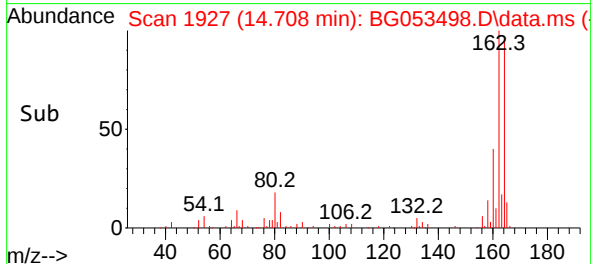
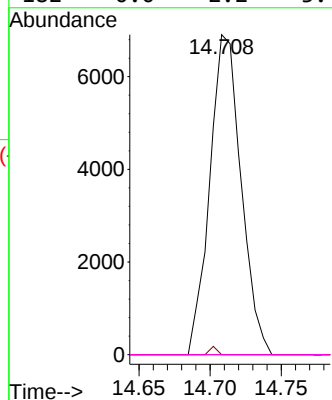
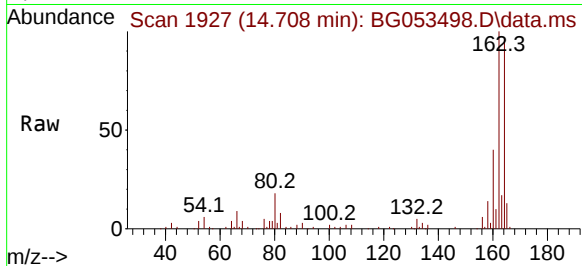
Ion Ratio Lower Upper

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: 17.457 min Scan# 2395

Delta R.T. -0.011 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

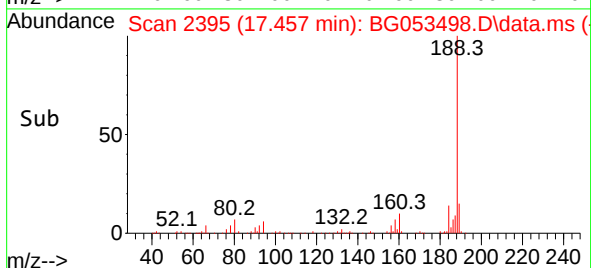
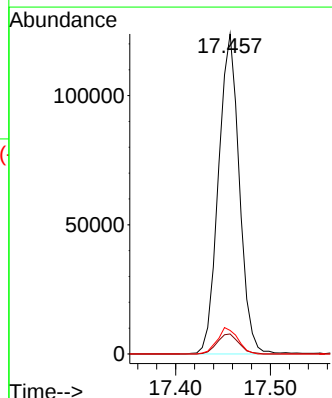
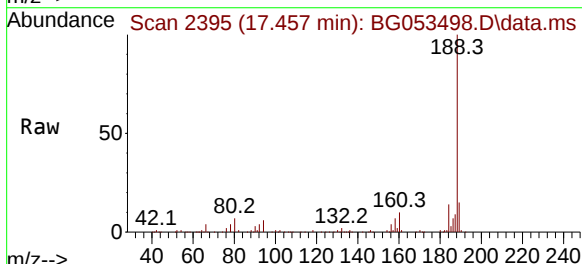
Tgt Ion:188 Resp: 189338

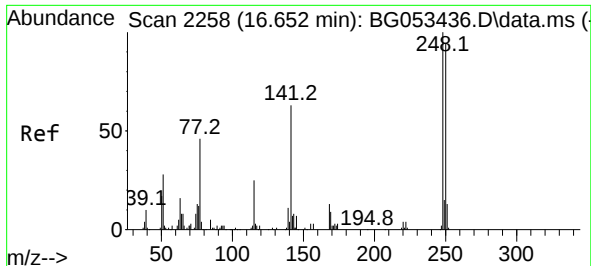
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 7.4 6.8 10.2





#67

4-Bromophenyl-phenylether

Concen: 3.573 ng

RT: 16.200 min Scan# 21

Delta R.T. -0.452 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

Instrument :

BNA_G

ClientSampleId :

MH-31S

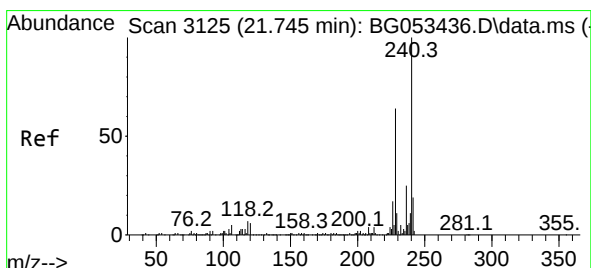
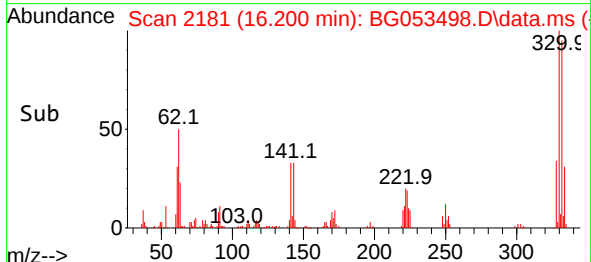
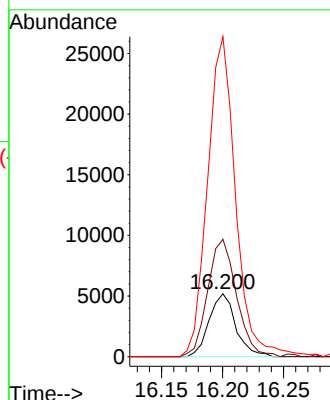
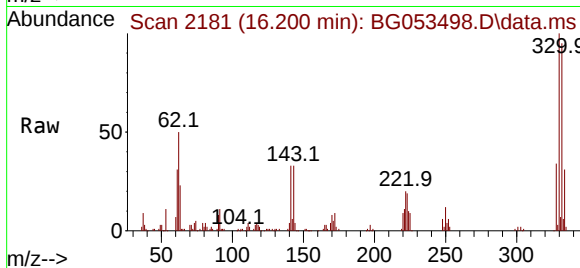
Tgt Ion:248 Resp: 7900

Ion Ratio Lower Upper

248 100

250 186.6 75.2 112.8#

141 508.5 50.0 75.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.734 min Scan# 3123

Delta R.T. -0.011 min

Lab File: BG053498.D

Acq: 9 May 2022 18:23

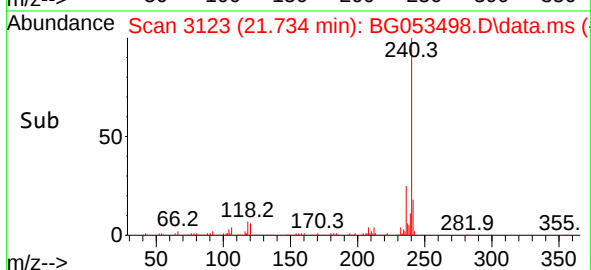
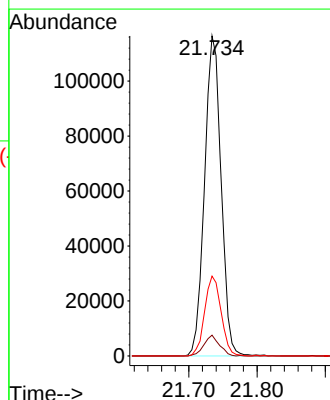
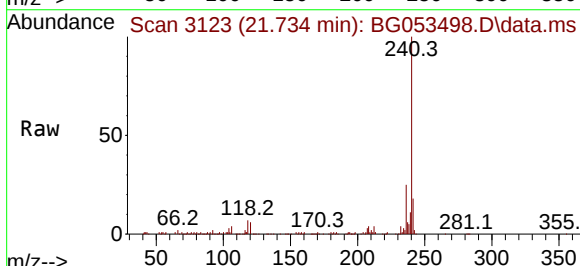
Tgt Ion:240 Resp: 196449

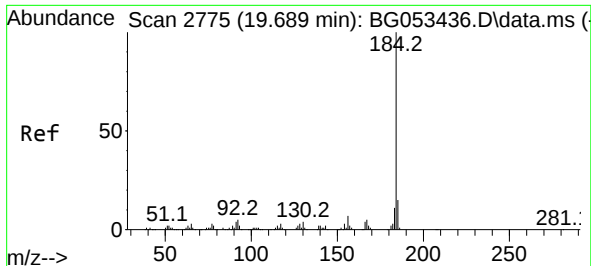
Ion Ratio Lower Upper

240 100

120 6.5 4.6 7.0

236 24.9 20.2 30.4

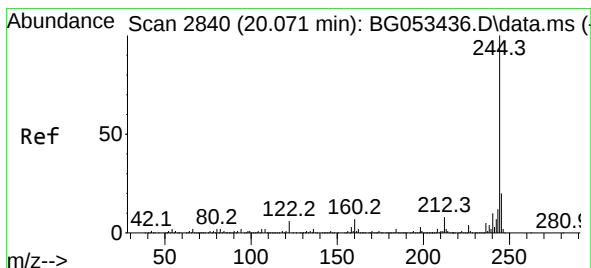
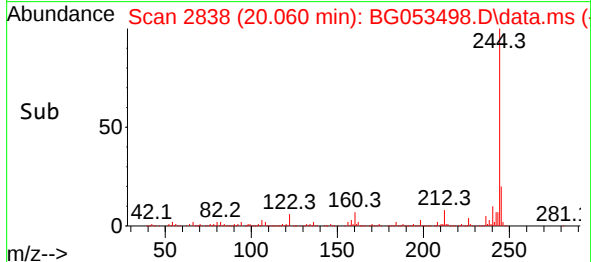
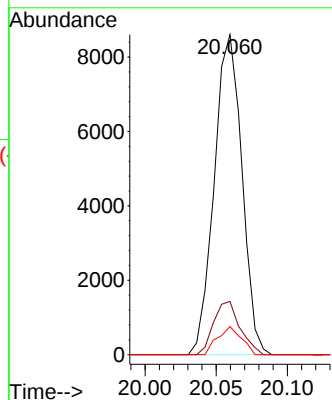
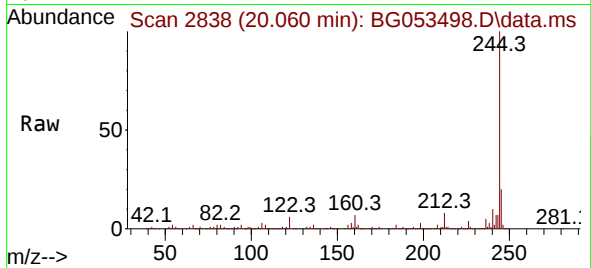




#77
Benzidine
Concen: 2.749 ng
RT: 20.060 min Scan# 21
Delta R.T. 0.371 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

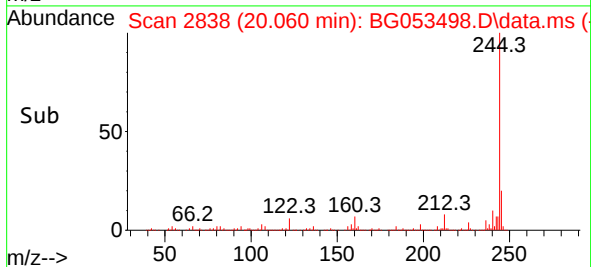
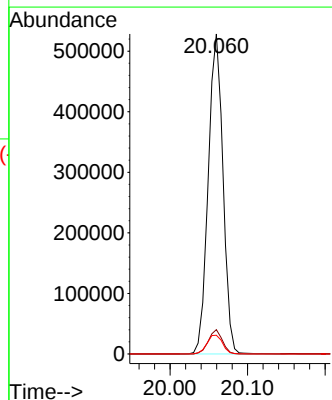
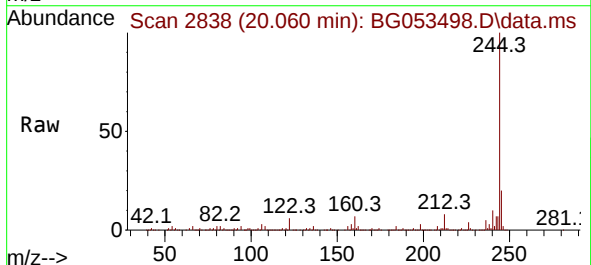
Instrument :
BNA_G
ClientSampleId :
MH-31S

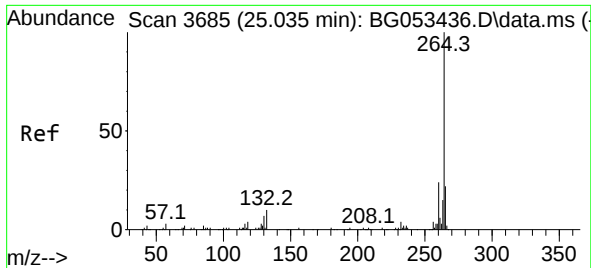
Tgt Ion:184 Resp: 11641
Ion Ratio Lower Upper
184 100
185 16.6 11.8 17.6
183 8.8 8.9 13.3#



#79
Terphenyl-d14
Concen: 65.998 ng
RT: 20.060 min Scan# 2838
Delta R.T. -0.011 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

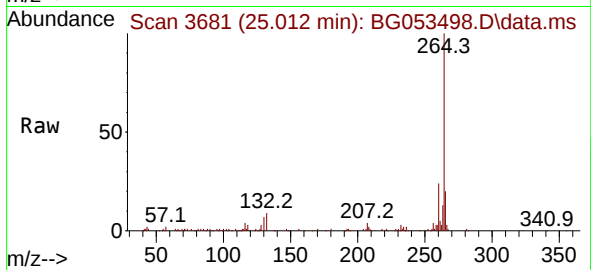
Tgt Ion:244 Resp: 696134
Ion Ratio Lower Upper
244 100
212 7.6 6.5 9.7
122 5.9 5.0 7.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.012 min Scan# 30
Delta R.T. -0.023 min
Lab File: BG053498.D
Acq: 9 May 2022 18:23

Instrument :
BNA_G
ClientSampleId :
MH-31S



Tgt Ion:264 Resp: 197815

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.6
265	20.0	17.4	26.2

