

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
 Data File : BG053499.D
 Acq On : 9 May 2022 19:01
 Operator : CG/JU
 Sample : N2739-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 124042

Quant Time: May 10 03:02:56 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)

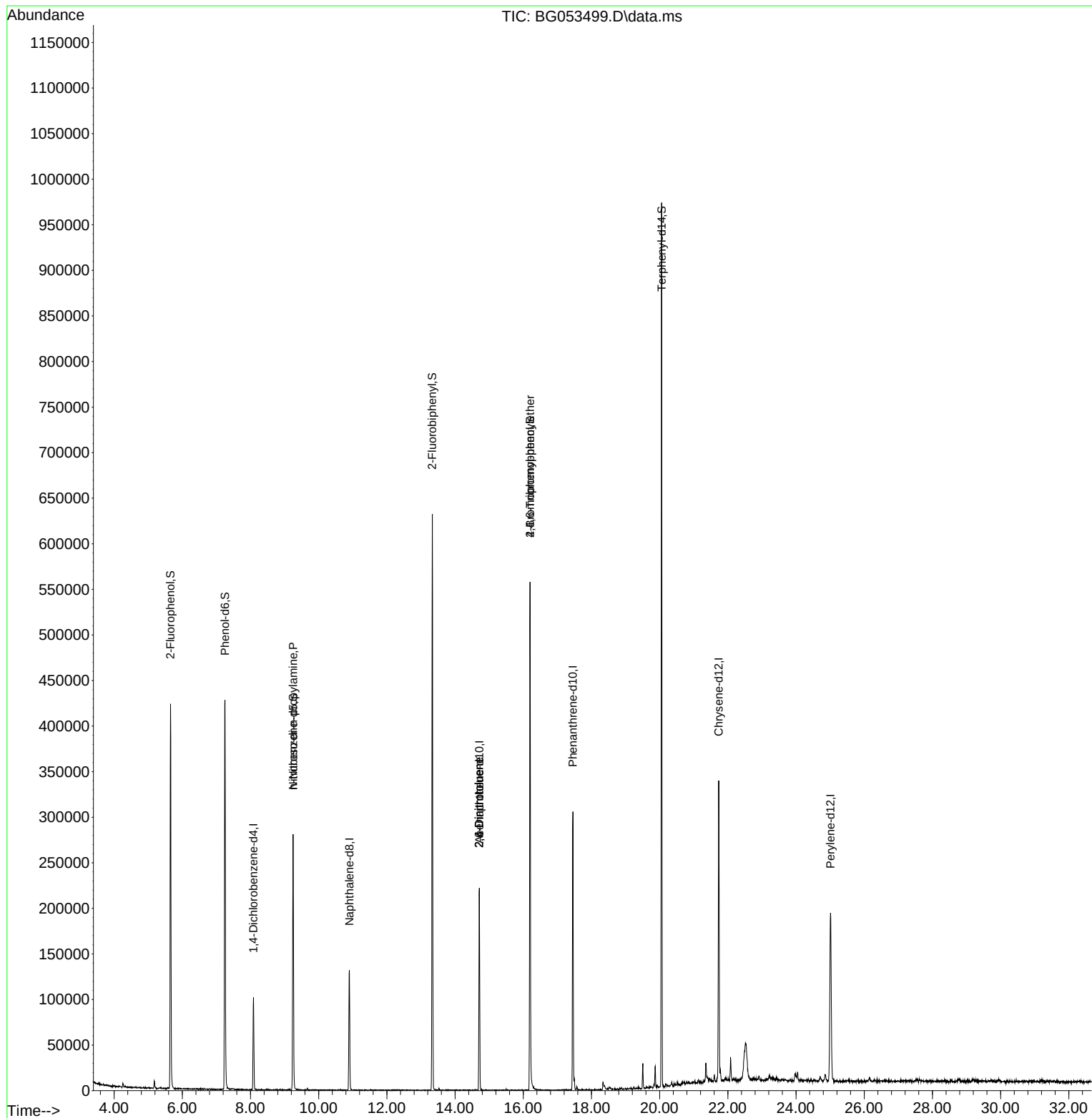
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.088	152	29268	20.000	ng	-0.01
21) Naphthalene-d8	10.902	136	110761	20.000	ng	-0.01
39) Acenaphthene-d10	14.714	164	82756	20.000	ng	0.00
64) Phenanthrene-d10	17.457	188	198323	20.000	ng	-0.01
76) Chrysene-d12	21.734	240	211786	20.000	ng	-0.01
86) Perylene-d12	25.012	264	211964	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.656	112	174256	101.044	ng	-0.01
7) Phenol-d6	7.254	99	257221	98.278	ng	0.00
23) Nitrobenzene-d5	9.251	82	180294	69.292	ng	-0.01
42) 2,4,6-Tribromophenol	16.200	330	116457	95.413	ng	-0.01
45) 2-Fluorobiphenyl	13.334	172	327016	57.743	ng	-0.01
79) Terphenyl-d14	20.060	244	509980	44.848	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.251	70	24878	13.248	ng	# 77
51) 2,6-Dinitrotoluene	14.708	165	11018	8.600	ng	# 17
57) 2,4-Dinitrotoluene	14.708	165	11018	5.933	ng	# 22
67) 4-Bromophenyl-phenylether	16.200	248	7692	3.321	ng	# 1

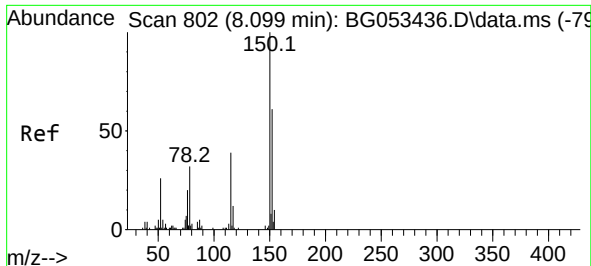
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050922\
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Misc :
ALS Vial : 15 Sample Multiplier: 1

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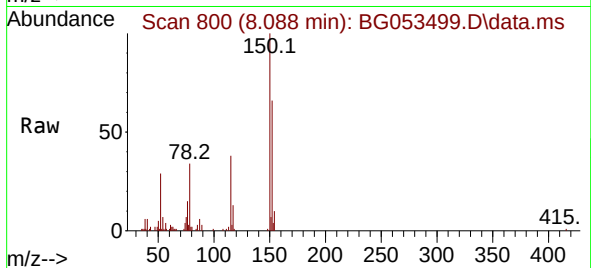
Quant Time: May 10 03:02:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 05 02:13:53 2022
Response via : Initial Calibration



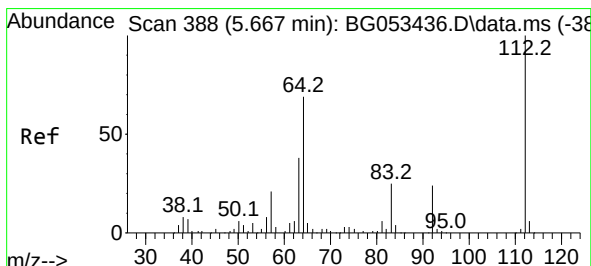
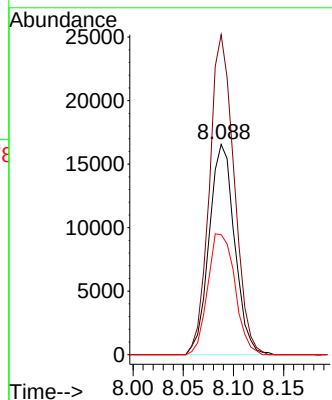
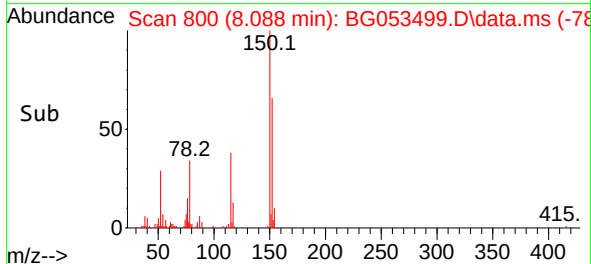


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.088 min Scan# 80
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Instrument :
BNA_G
ClientSampleId :
124042

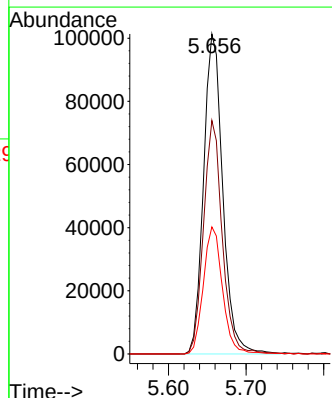
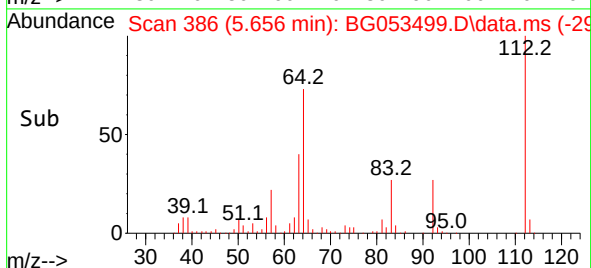
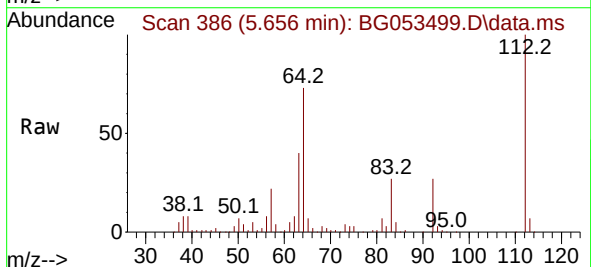


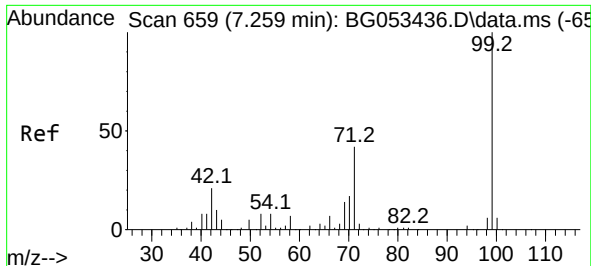
Tgt Ion:152 Resp: 29268
Ion Ratio Lower Upper
152 100
150 152.2 131.6 197.4
115 57.1 50.9 76.3



#5
2-Fluorophenol
Concen: 101.044 ng
RT: 5.656 min Scan# 386
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion:112 Resp: 174256
Ion Ratio Lower Upper
112 100
64 73.0 55.1 82.7
63 39.7 30.4 45.6

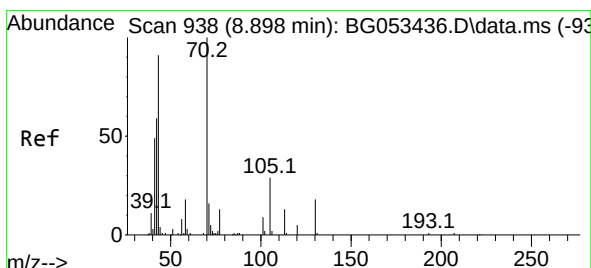
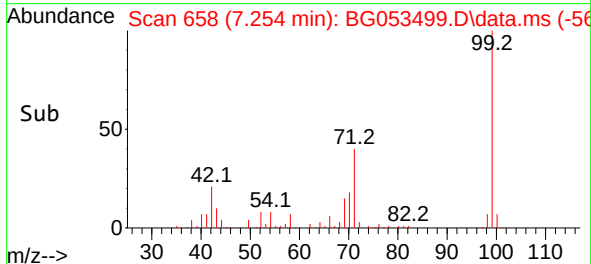
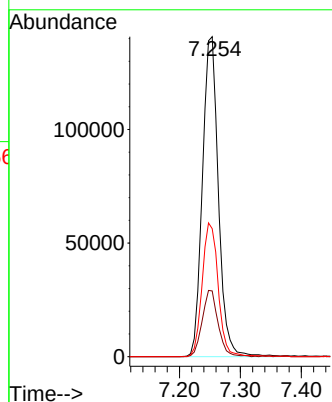
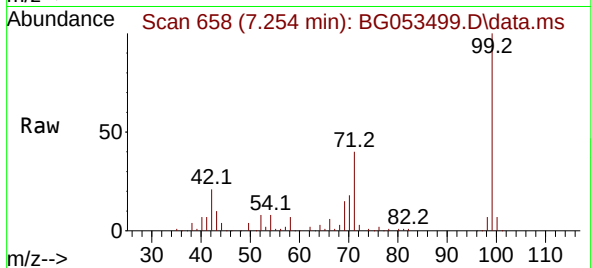




#7
Phenol-d6
Concen: 98.278 ng
RT: 7.254 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

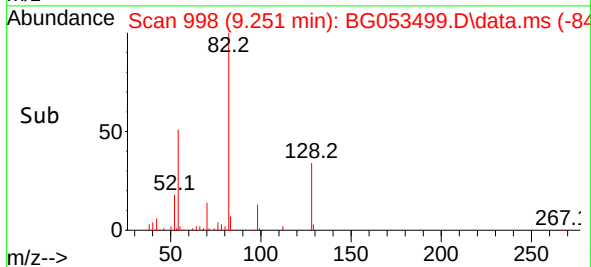
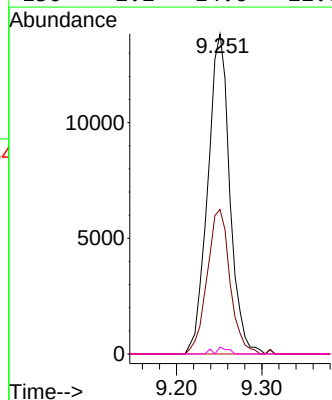
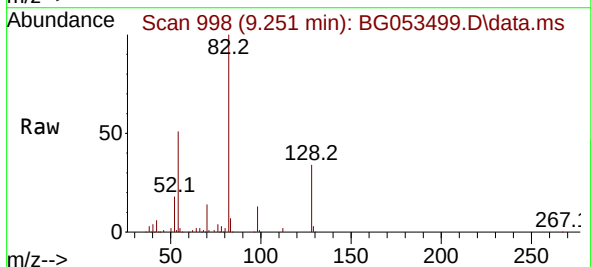
Instrument :
BNA_G
ClientSampleId :
124042

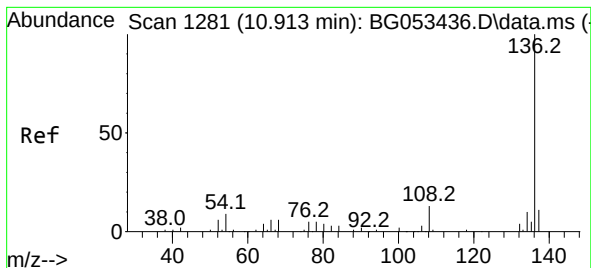
Tgt Ion: 99 Resp: 257221
Ion Ratio Lower Upper
99 100
42 20.6 17.0 25.6
71 40.0 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 13.248 ng
RT: 9.251 min Scan# 998
Delta R.T. 0.353 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion: 70 Resp: 24878
Ion Ratio Lower Upper
70 100
42 45.1 47.3 70.9#
101 0.0 7.0 10.4#
130 2.2 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.902 min Scan# 1107

Delta R.T. -0.011 min

Lab File: BG053499.D

Acq: 9 May 2022 19:01

Instrument :

BNA_G

ClientSampleId :

124042

Tgt Ion:136 Resp: 110761

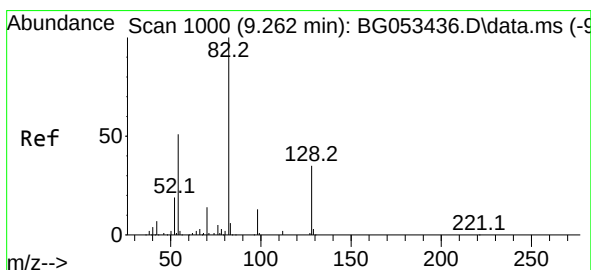
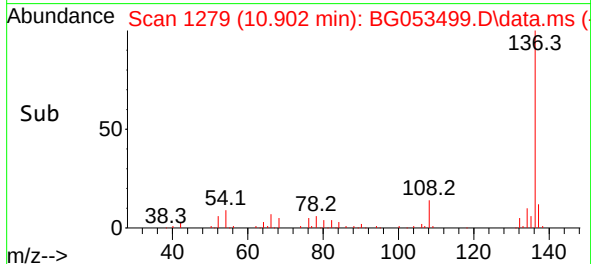
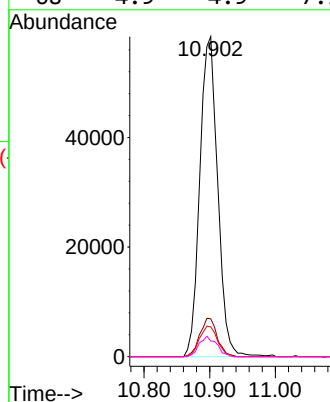
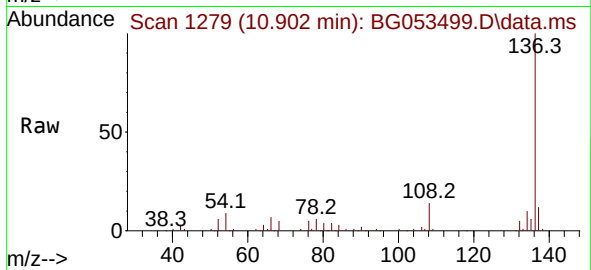
Ion Ratio Lower Upper

136 100

137 11.8 8.5 12.7

54 9.3 7.4 11.2

68 4.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 69.292 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.011 min

Lab File: BG053499.D

Acq: 9 May 2022 19:01

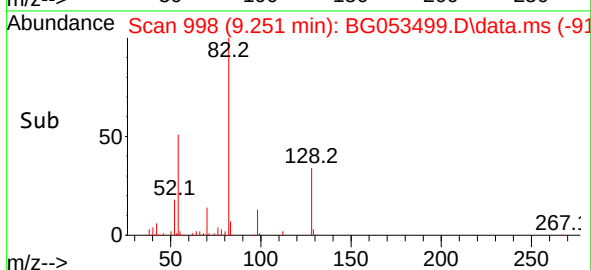
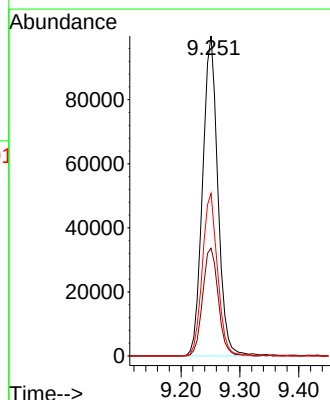
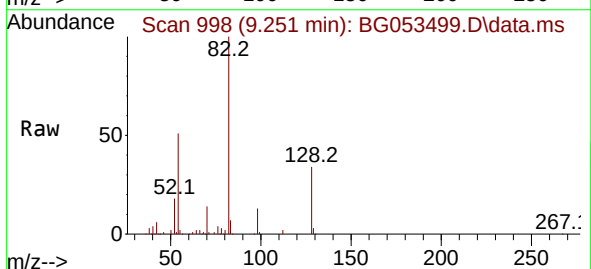
Tgt Ion: 82 Resp: 180294

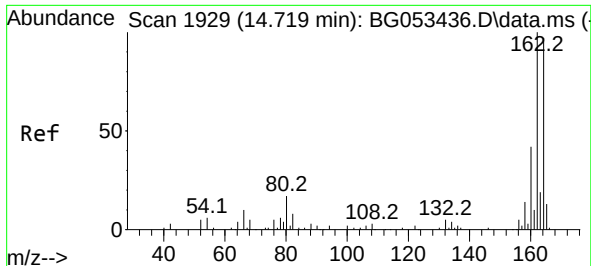
Ion Ratio Lower Upper

82 100

128 33.6 27.9 41.9

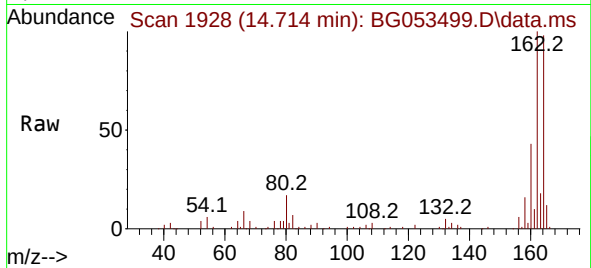
54 50.8 41.2 61.8



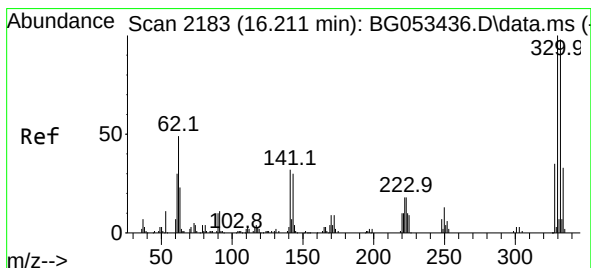
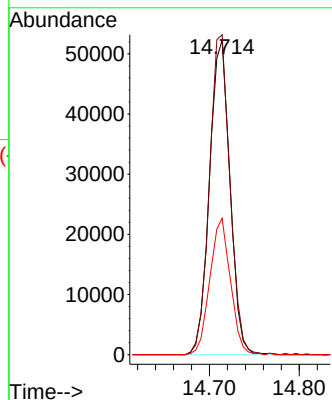
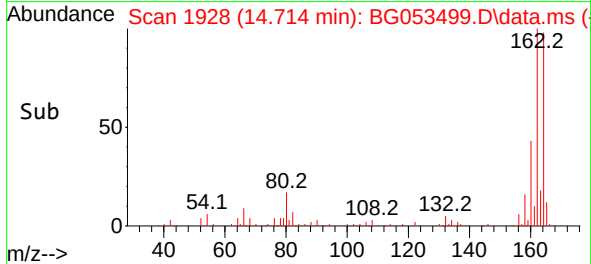


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.714 min Scan# 1928
Delta R.T. -0.005 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

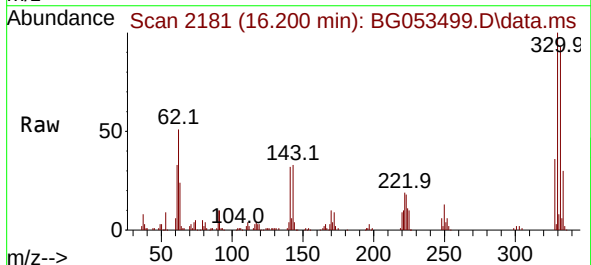
Instrument :
BNA_G
ClientSampleId :
124042



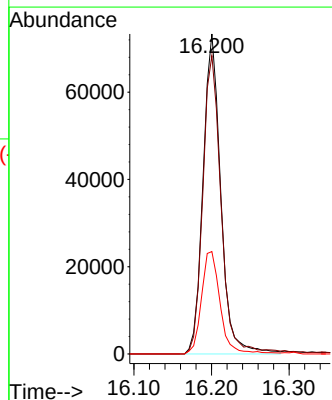
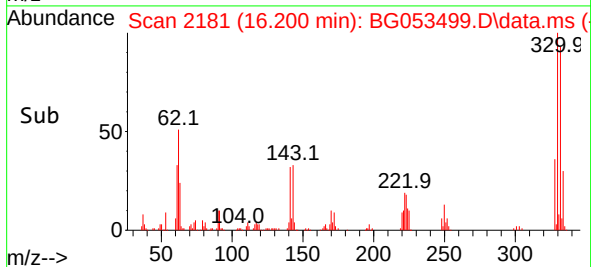
Tgt Ion:164 Resp: 82756
Ion Ratio Lower Upper
164 100
162 101.7 82.3 123.5
160 43.4 34.2 51.2

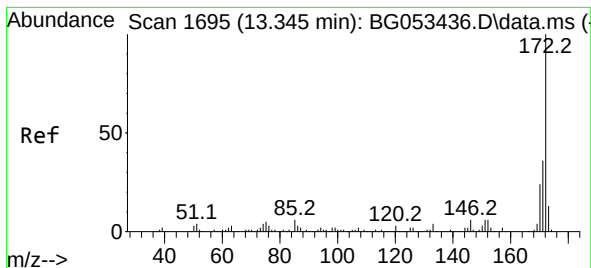


#42
2,4,6-Tribromophenol
Concen: 95.413 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01



Tgt Ion:330 Resp: 116457
Ion Ratio Lower Upper
330 100
332 97.1 76.0 114.0
141 33.7 27.1 40.7

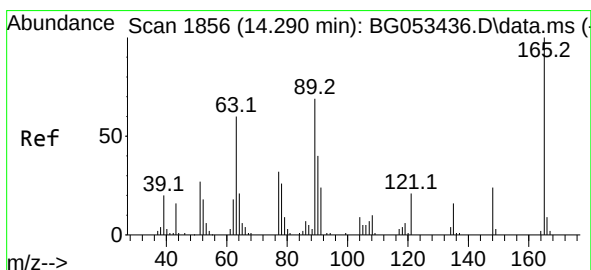
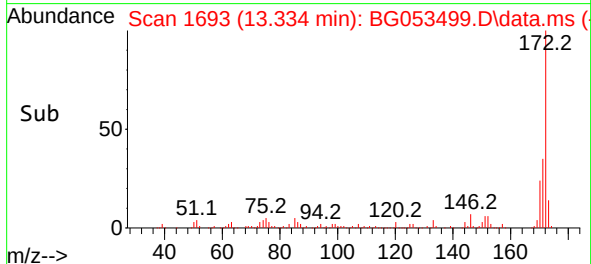
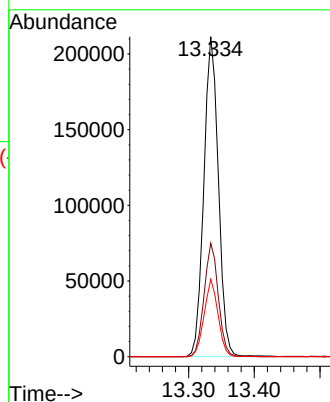
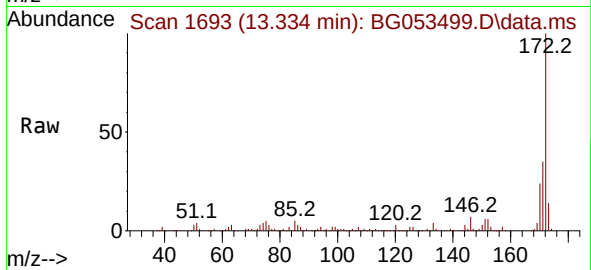




#45
2-Fluorobiphenyl
Concen: 57.743 ng
RT: 13.334 min Scan# 1
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

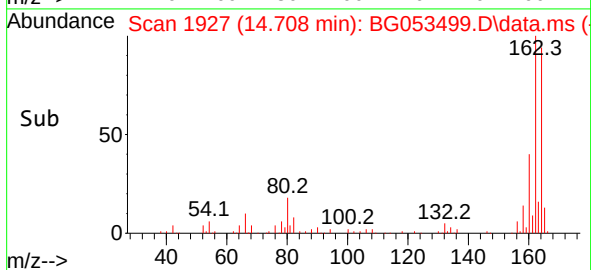
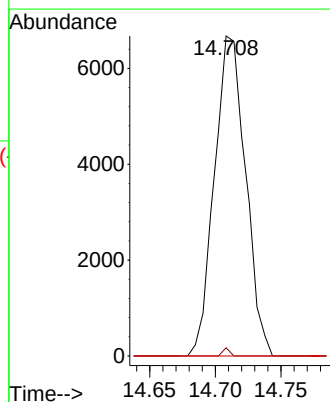
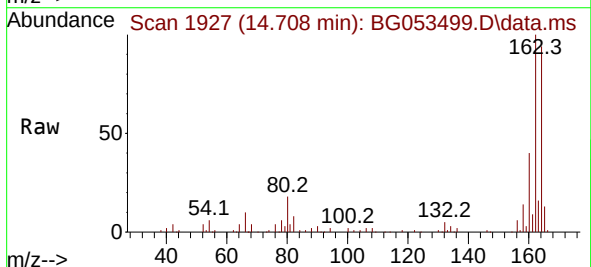
Instrument :
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ClientSampleId :
124042

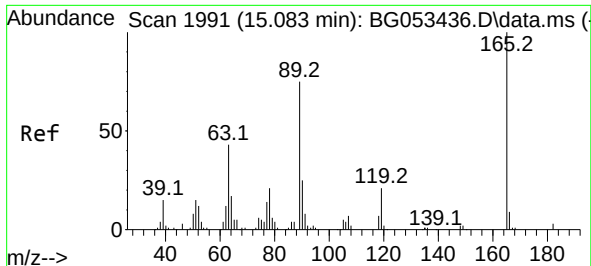
Tgt Ion:172 Resp: 327016
Ion Ratio Lower Upper
172 100
171 35.5 28.5 42.7
170 24.2 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.600 ng
RT: 14.708 min Scan# 1927
Delta R.T. 0.418 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

Tgt Ion:165 Resp: 11018
Ion Ratio Lower Upper
165 100
63 2.6 54.1 81.1#
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.933 ng

RT: 14.708 min Scan# 1991

Delta R.T. -0.375 min

Lab File: BG053499.D

Acq: 9 May 2022 19:01

Instrument :

BNA_G

ClientSampleId :

124042

Tgt Ion:165 Resp: 11018

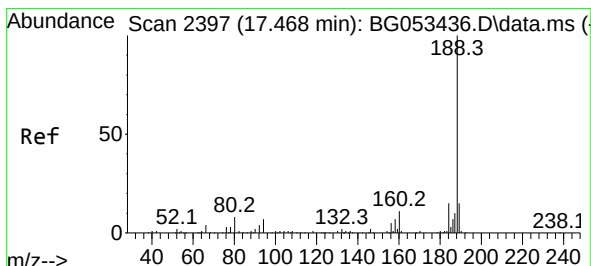
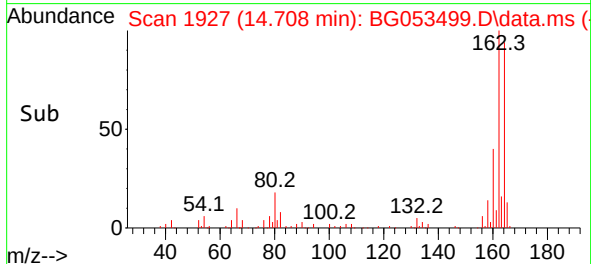
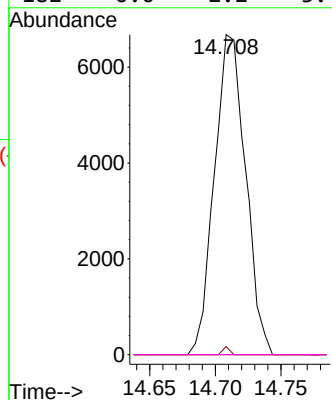
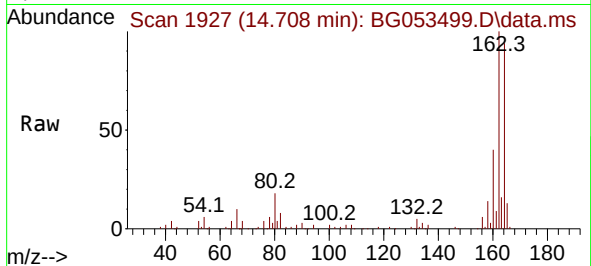
Ion Ratio Lower Upper

165 100

63 2.6 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: BG053499.D

Acq: 9 May 2022 19:01

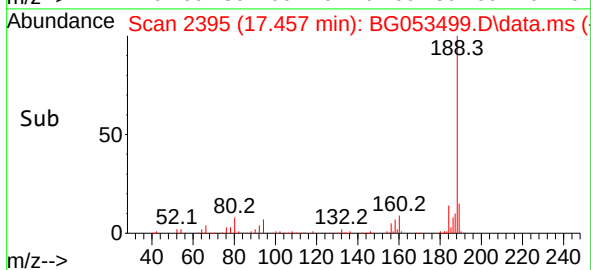
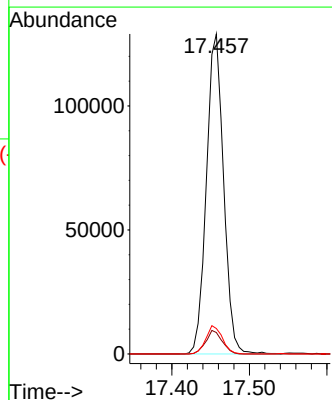
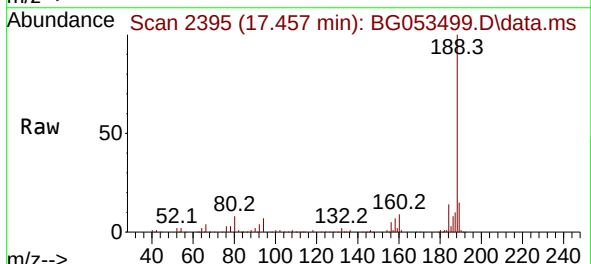
Tgt Ion:188 Resp: 198323

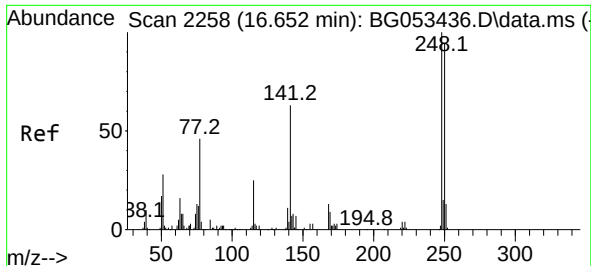
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.0

80 7.9 6.8 10.2

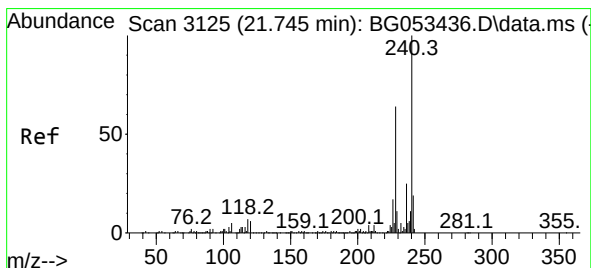
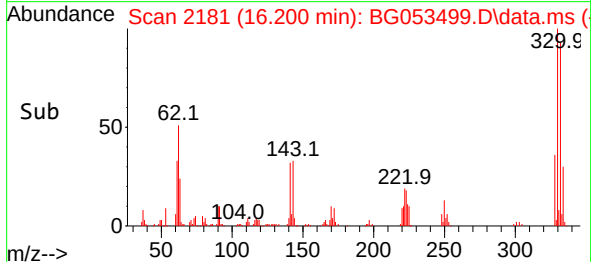
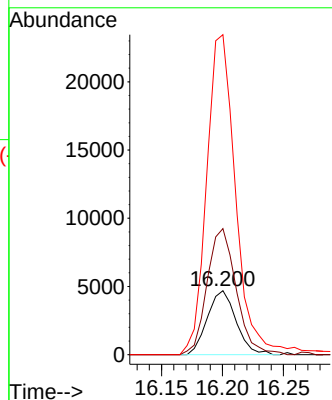
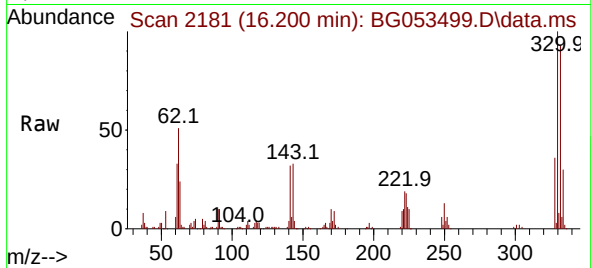




#67
4-Bromophenyl-phenylether
Concen: 3.321 ng
RT: 16.200 min Scan# 2181
Delta R.T. -0.452 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

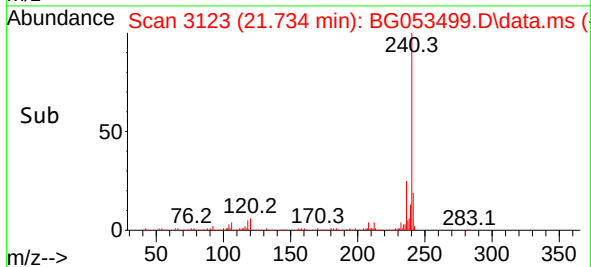
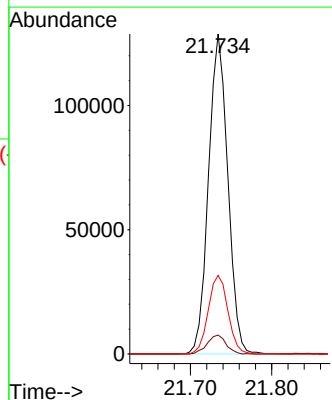
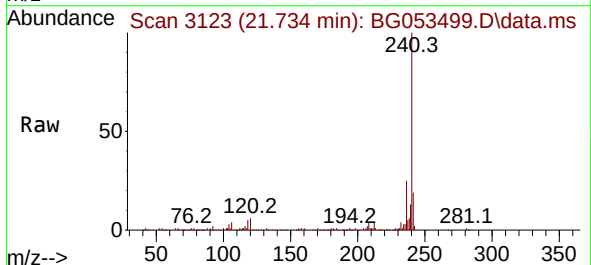
Instrument :
BNA_G
ClientSampleId :
124042

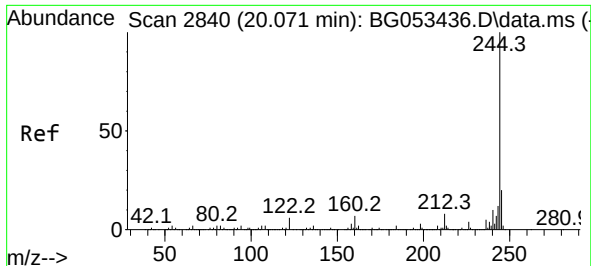
Tgt Ion:248 Resp: 7692
Ion Ratio Lower Upper
248 100
250 196.7 75.2 112.8#
141 499.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.734 min Scan# 3123
Delta R.T. -0.011 min
Lab File: BG053499.D
Acq: 9 May 2022 19:01

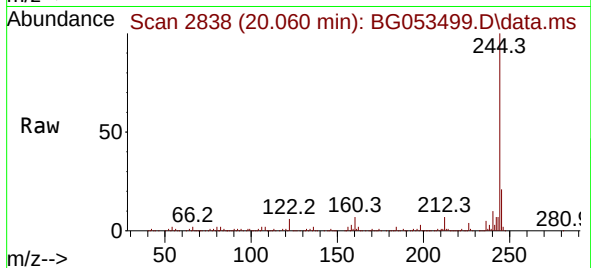
Tgt Ion:240 Resp: 211786
Ion Ratio Lower Upper
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120 5.9 4.6 7.0
236 24.6 20.2 30.4



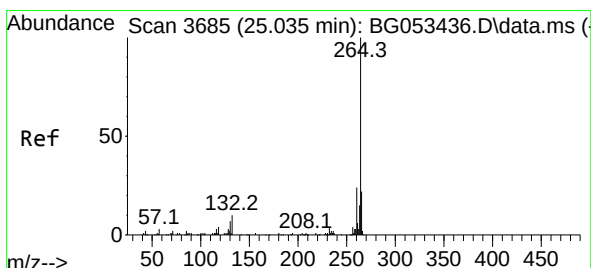
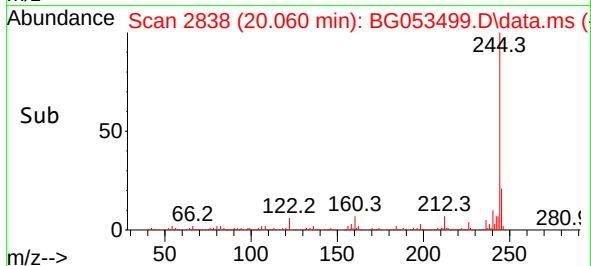
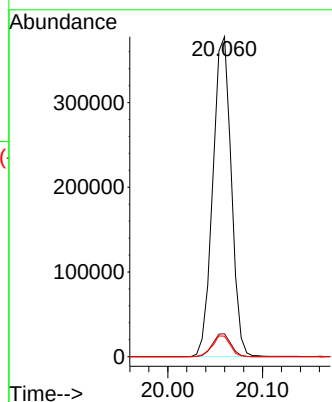


#79
 Terphenyl-d14
 Concen: 44.848 ng
 RT: 20.060 min Scan# 2838
 Delta R.T. -0.011 min
 Lab File: BG053499.D
 Acq: 9 May 2022 19:01

Instrument :
 BNA_G
 ClientSampleId :
 124042



Tgt Ion:244 Resp: 509980
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.012 min Scan# 3681
 Delta R.T. -0.023 min
 Lab File: BG053499.D
 Acq: 9 May 2022 19:01

Tgt Ion:264 Resp: 211964
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 20.7 17.4 26.2

