

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050522\
 Data File : BG053445.D
 Acq On : 5 May 2022 9:59
 Operator : CG/JU
 Sample : PB144564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144564BL

Quant Time: May 06 03:46:20 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)

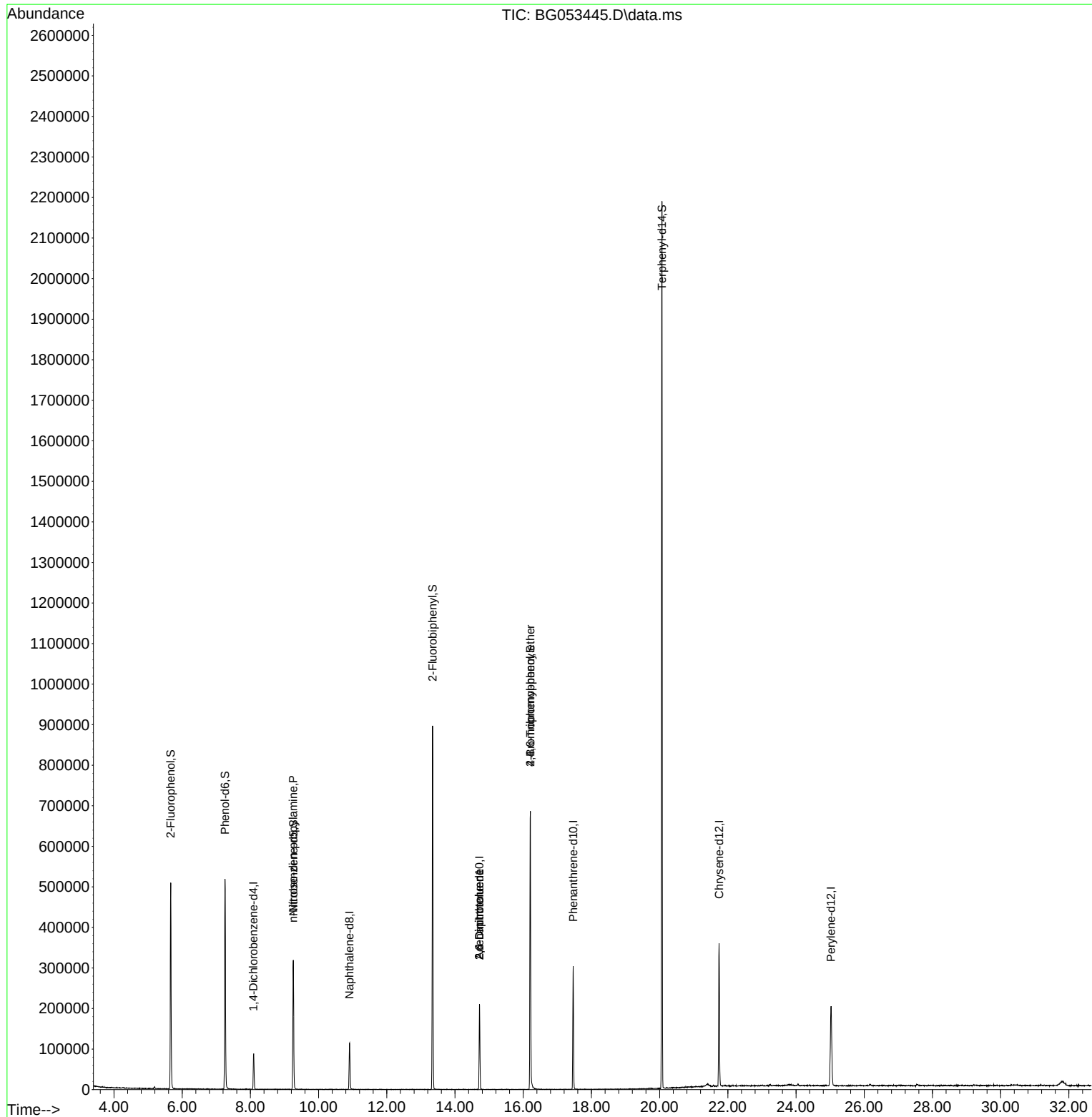
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.091	152	24421	20.000	ng	0.00
21) Naphthalene-d8	10.904	136	102889	20.000	ng	0.00
39) Acenaphthene-d10	14.717	164	78447	20.000	ng	0.00
64) Phenanthrene-d10	17.466	188	203271	20.000	ng	0.00
76) Chrysene-d12	21.743	240	232237	20.000	ng	# 0.00
86) Perylene-d12	25.026	264	231065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	208483	144.885	ng	0.00
7) Phenol-d6	7.256	99	302617	138.571	ng	0.00
23) Nitrobenzene-d5	9.260	82	209625	86.728	ng	0.00
42) 2,4,6-Tribromophenol	16.209	330	149181	128.938	ng	0.00
45) 2-Fluorobiphenyl	13.342	172	478621	89.156	ng	0.00
79) Terphenyl-d14	20.068	244	1117626	89.630	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.254	70	28645	18.282	ng	# 79
51) 2,6-Dinitrotoluene	14.717	165	10305	8.485	ng	# 16
57) 2,4-Dinitrotoluene	14.717	165	10305	5.854	ng	# 21
67) 4-Bromophenyl-phenylether	16.209	248	10271	4.326	ng	# 1

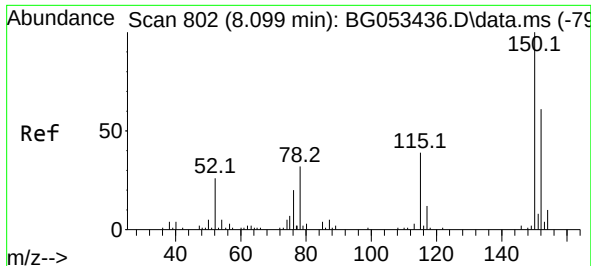
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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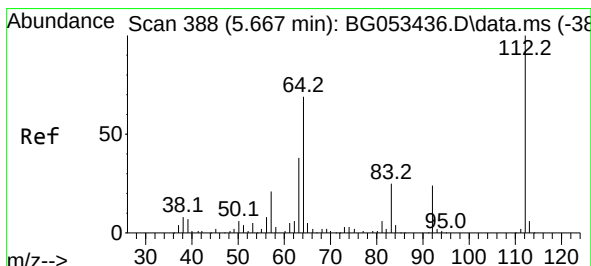
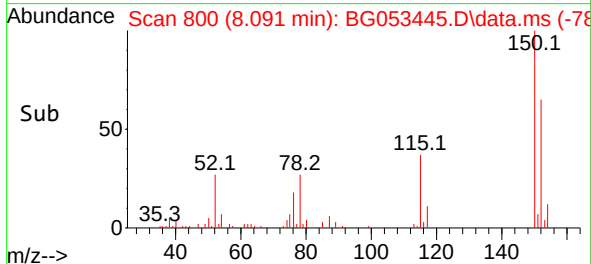
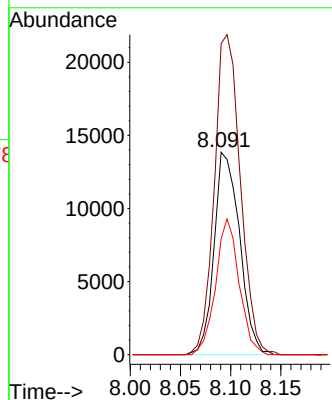
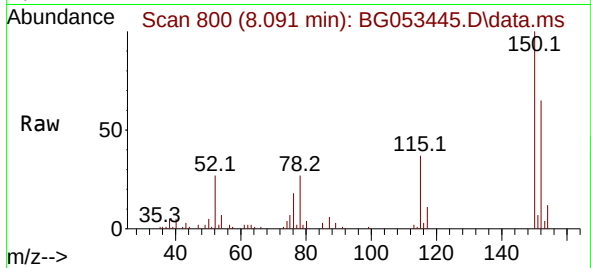




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.091 min Scan# 80
Delta R.T. -0.008 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

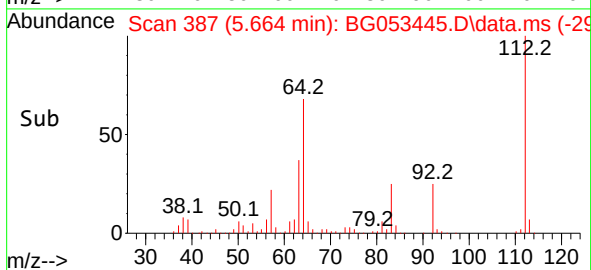
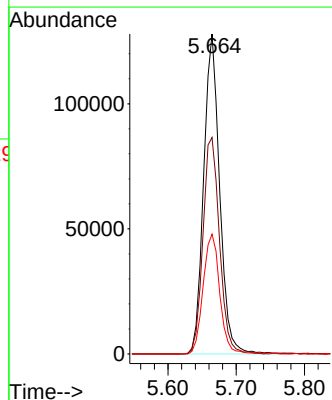
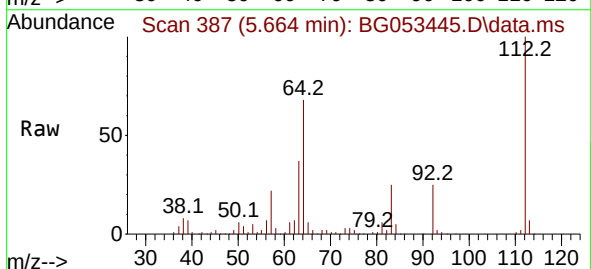
Instrument :
BNA_G
ClientSampleId :
PB144564BL

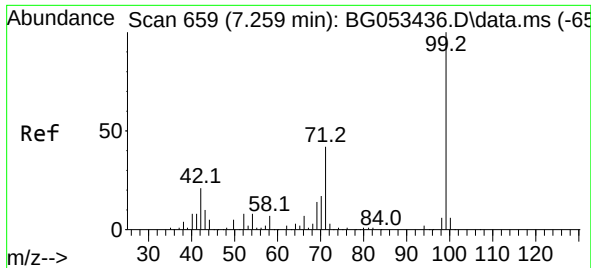
Tgt Ion:152 Resp: 24421
Ion Ratio Lower Upper
152 100
150 153.8 131.6 197.4
115 57.4 50.9 76.3



#5
2-Fluorophenol
Concen: 144.885 ng
RT: 5.664 min Scan# 387
Delta R.T. -0.003 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

Tgt Ion:112 Resp: 208483
Ion Ratio Lower Upper
112 100
64 67.7 55.1 82.7
63 37.4 30.4 45.6

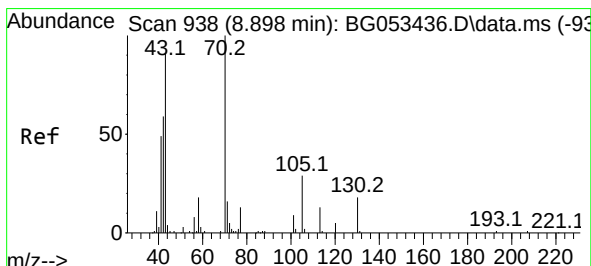
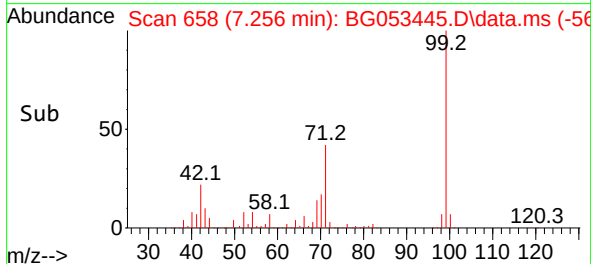
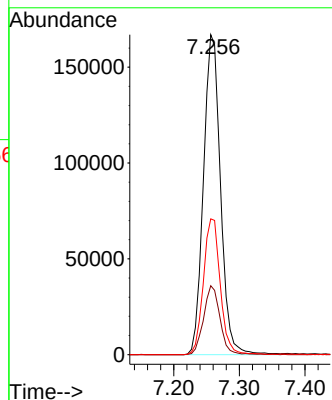
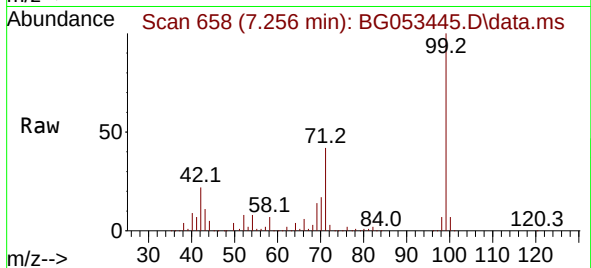




#7
Phenol-d6
Concen: 138.571 ng
RT: 7.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

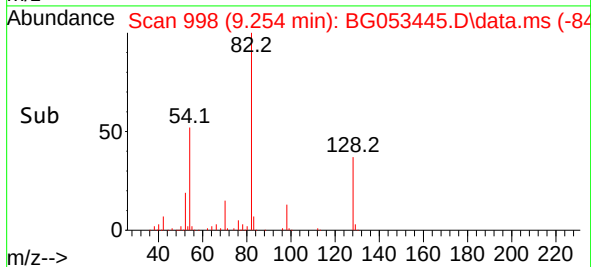
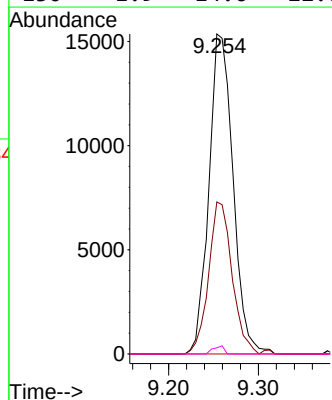
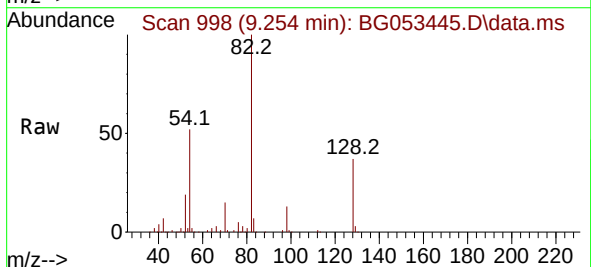
Instrument :
BNA_G
ClientSampleId :
PB144564BL

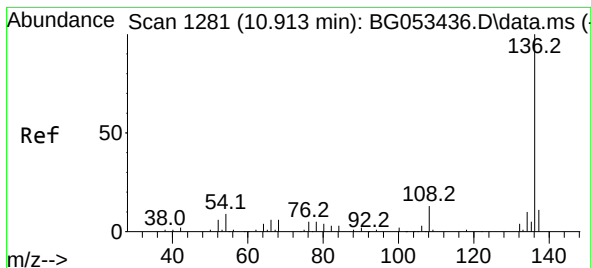
Tgt Ion: 99 Resp: 302617
Ion Ratio Lower Upper
99 100
42 21.6 17.0 25.6
71 42.4 33.8 50.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.282 ng
RT: 9.254 min Scan# 998
Delta R.T. 0.356 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

Tgt Ion: 70 Resp: 28645
Ion Ratio Lower Upper
70 100
42 47.5 47.3 70.9
101 0.0 7.0 10.4#
130 1.9 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.904 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG053445.D

Acq: 5 May 2022 9:59

Instrument :

BNA_G

ClientSampleId :

PB144564BL

Tgt Ion:136 Resp: 102889

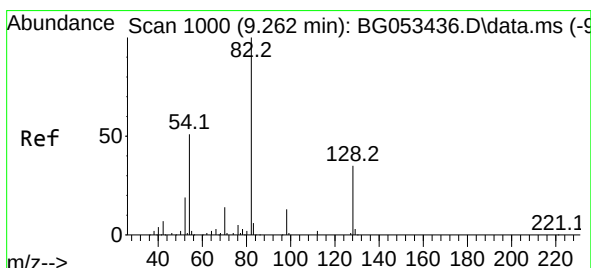
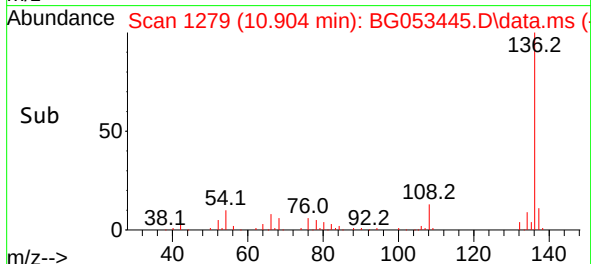
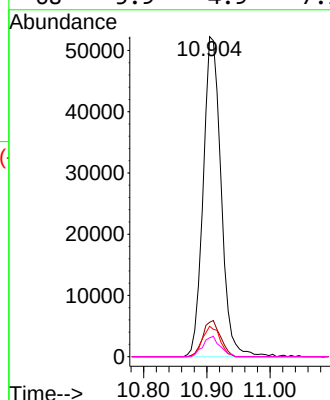
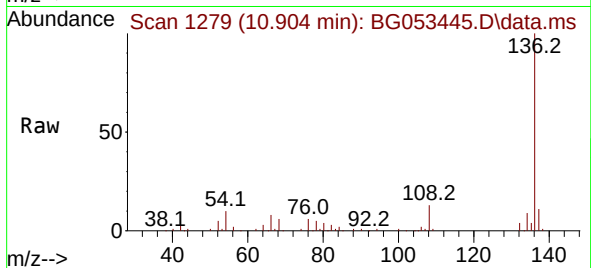
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 9.5 7.4 11.2

68 5.9 4.9 7.3



#23

Nitrobenzene-d5

Concen: 86.728 ng

RT: 9.260 min Scan# 999

Delta R.T. -0.002 min

Lab File: BG053445.D

Acq: 5 May 2022 9:59

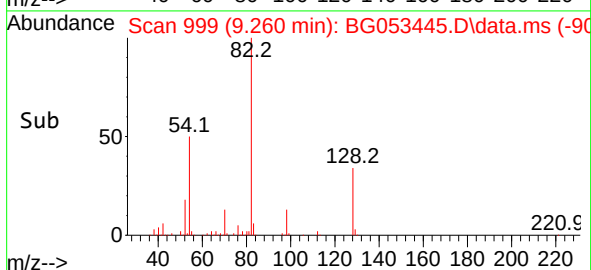
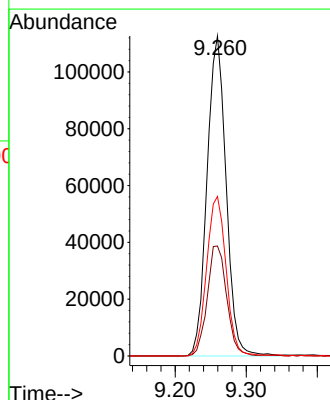
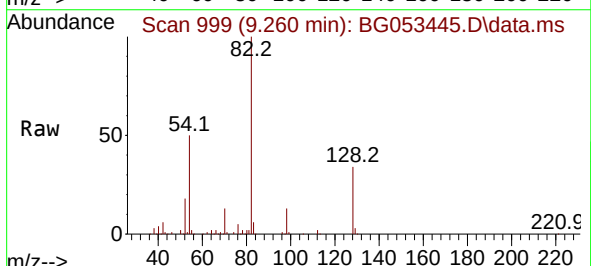
Tgt Ion: 82 Resp: 209625

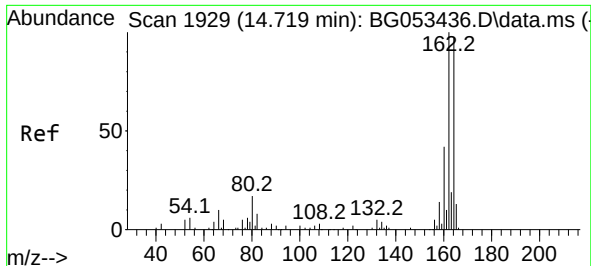
Ion Ratio Lower Upper

82 100

128 34.3 27.9 41.9

54 49.9 41.2 61.8

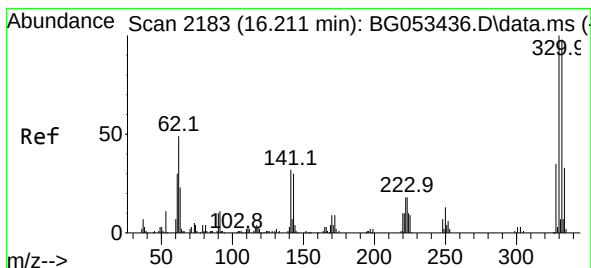
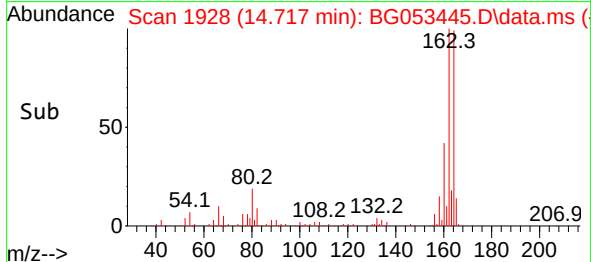
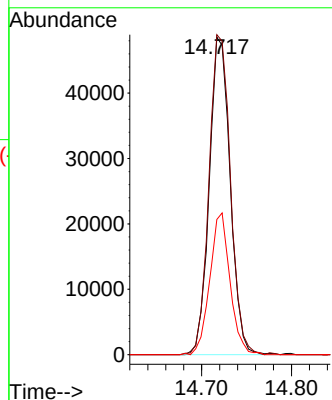
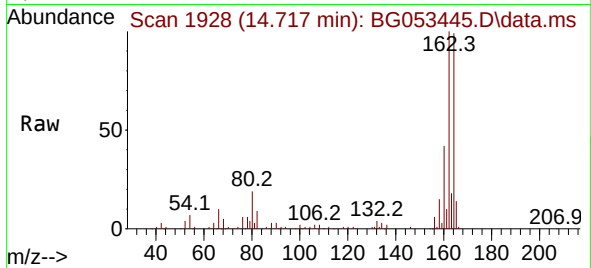




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.717 min Scan# 1929
Delta R.T. -0.002 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

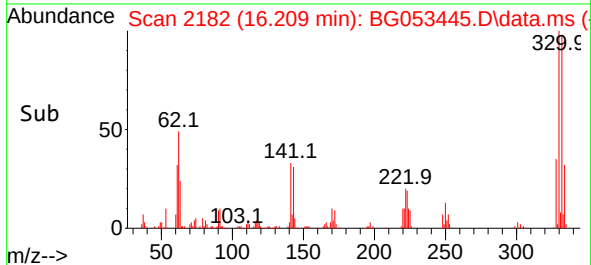
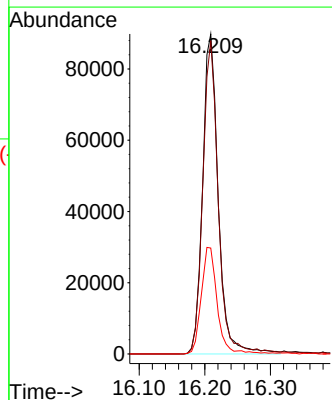
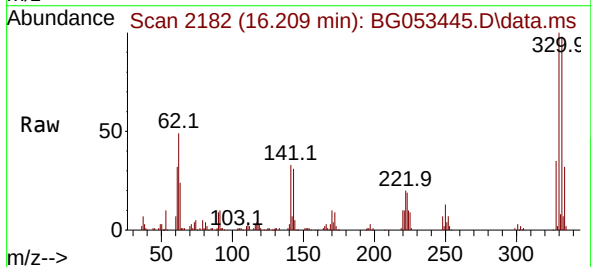
Instrument :
BNA_G
ClientSampleId :
PB144564BL

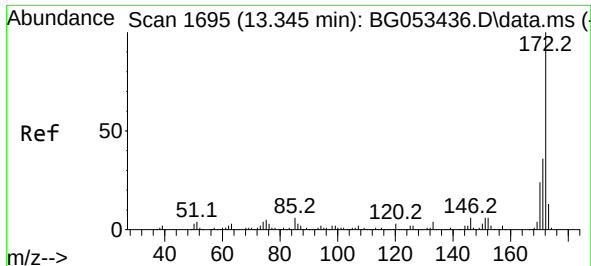
Tgt Ion:164 Resp: 78447
Ion Ratio Lower Upper
164 100
162 100.8 82.3 123.5
160 42.6 34.2 51.2



#42
2,4,6-Tribromophenol
Concen: 128.938 ng
RT: 16.209 min Scan# 2182
Delta R.T. -0.002 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

Tgt Ion:330 Resp: 149181
Ion Ratio Lower Upper
330 100
332 97.7 76.0 114.0
141 34.0 27.1 40.7

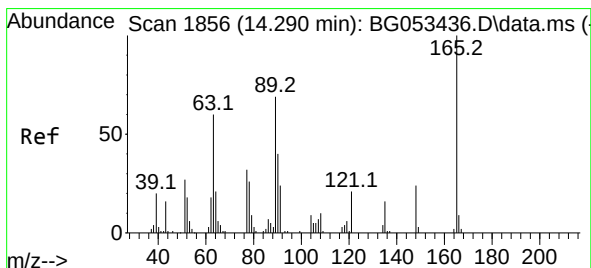
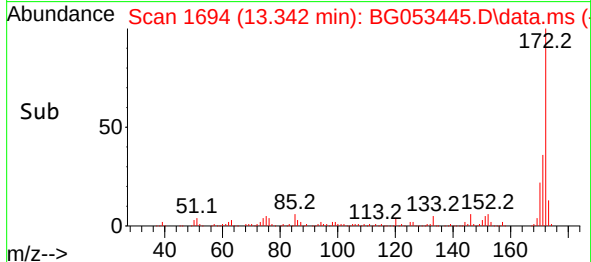
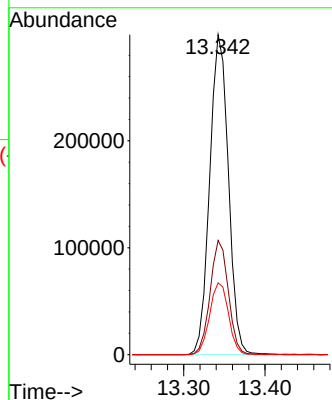
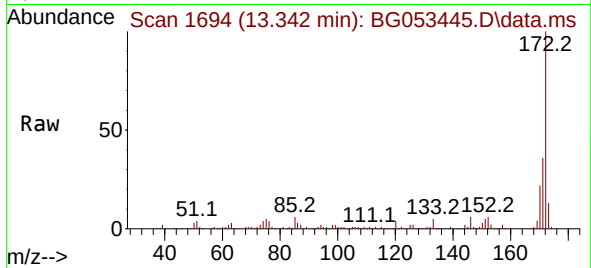




#45
2-Fluorobiphenyl
Concen: 89.156 ng
RT: 13.342 min Scan# 1
Delta R.T. -0.003 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

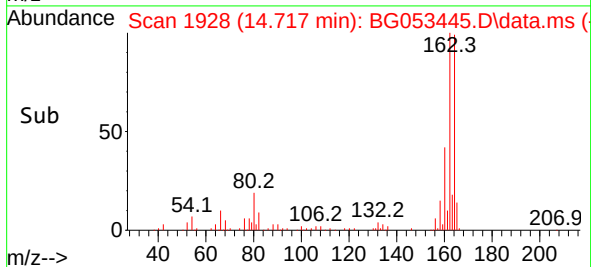
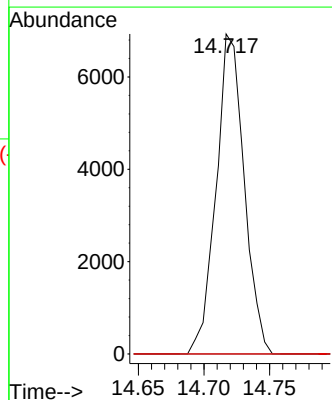
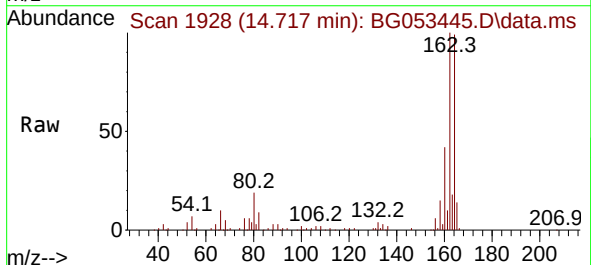
Instrument :
BNA_G
ClientSampleId :
PB144564BL

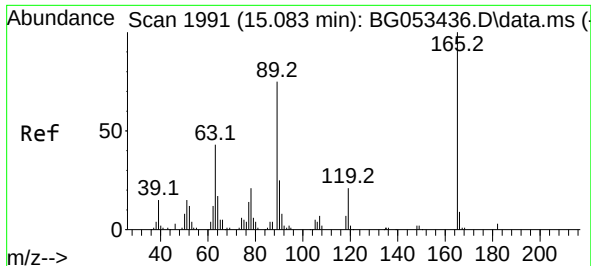
Tgt Ion:172 Resp: 478621
Ion Ratio Lower Upper
172 100
171 35.7 28.5 42.7
170 22.5 18.9 28.3



#51
2,6-Dinitrotoluene
Concen: 8.485 ng
RT: 14.717 min Scan# 1928
Delta R.T. 0.427 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

Tgt Ion:165 Resp: 10305
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: 5.854 ng

RT: 14.717 min Scan# 1991

Delta R.T. -0.366 min

Lab File: BG053445.D

Acq: 5 May 2022 9:59

Instrument :

BNA_G

ClientSampleId :

PB144564BL

Tgt Ion:165 Resp: 10305

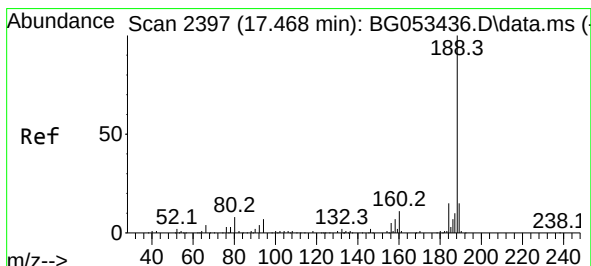
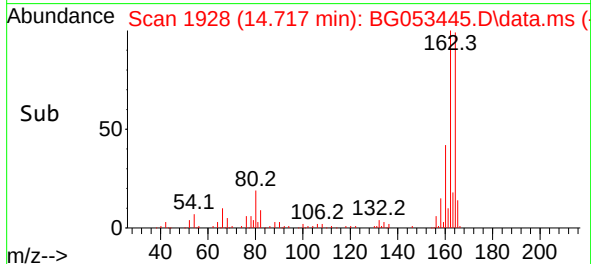
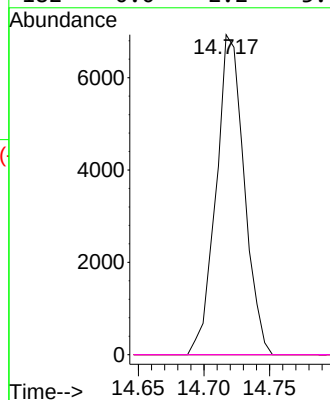
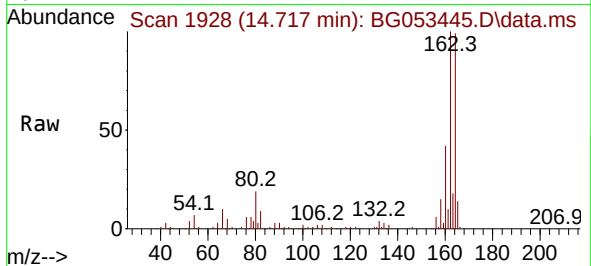
Ion Ratio Lower Upper

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: 17.466 min Scan# 2396

Delta R.T. -0.002 min

Lab File: BG053445.D

Acq: 5 May 2022 9:59

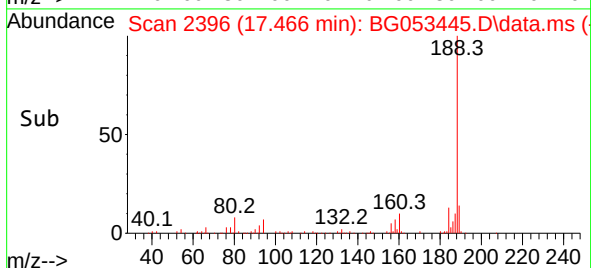
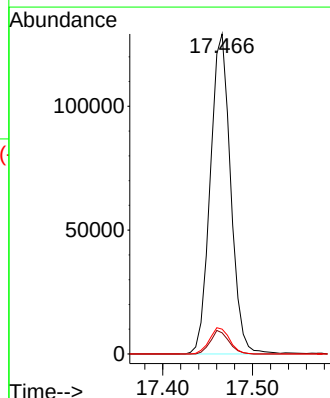
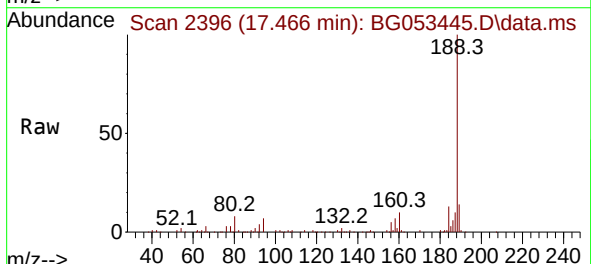
Tgt Ion:188 Resp: 203271

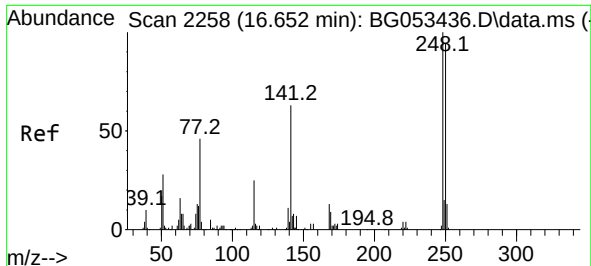
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.0

80 7.8 6.8 10.2

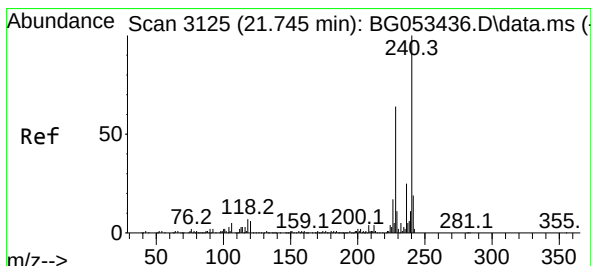
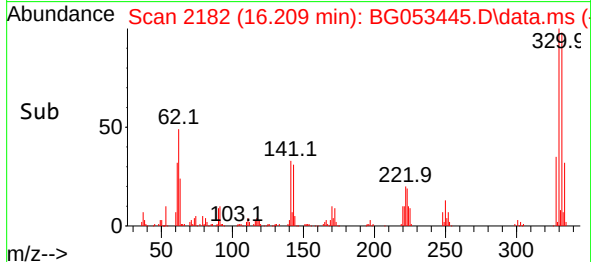
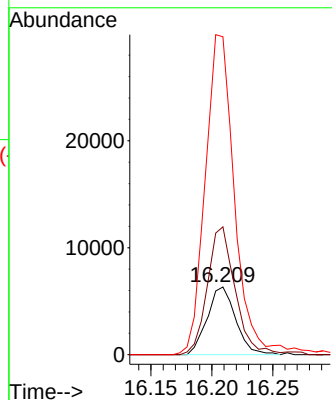
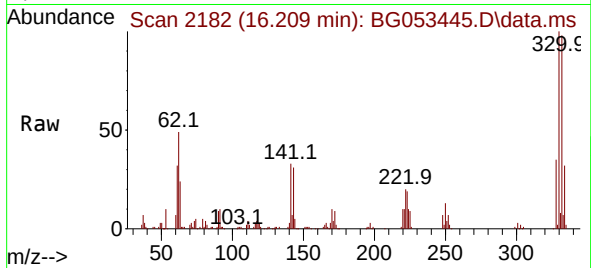




#67
4-Bromophenyl-phenylether
Concen: 4.326 ng
RT: 16.209 min Scan# 2182
Delta R.T. -0.443 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

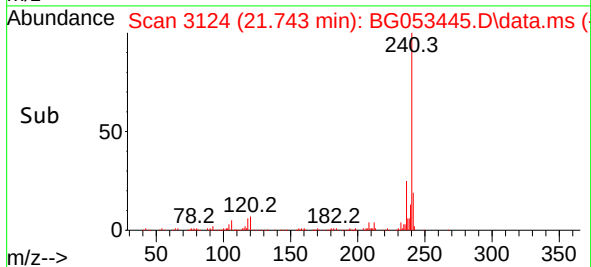
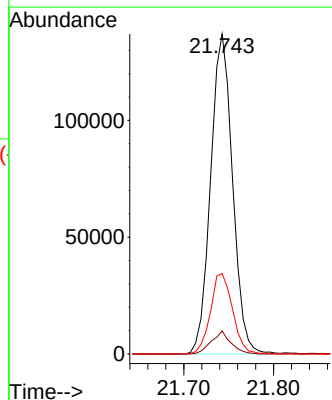
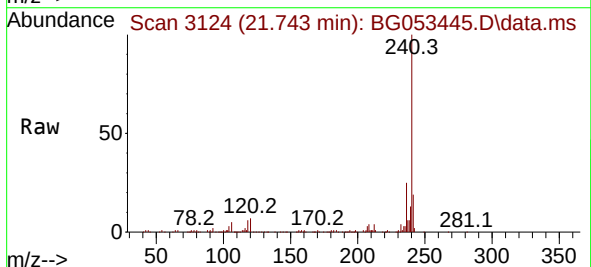
Instrument :
BNA_G
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PB144564BL

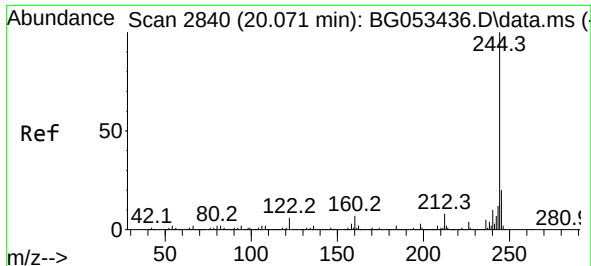
Tgt Ion:248 Resp: 10271
Ion Ratio Lower Upper
248 100
250 188.9 75.2 112.8#
141 469.4 50.0 75.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.743 min Scan# 3124
Delta R.T. -0.002 min
Lab File: BG053445.D
Acq: 5 May 2022 9:59

Tgt Ion:240 Resp: 232237
Ion Ratio Lower Upper
240 100
120 7.2 4.6 7.0#
236 25.2 20.2 30.4

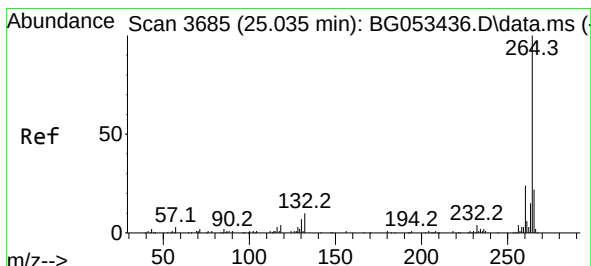
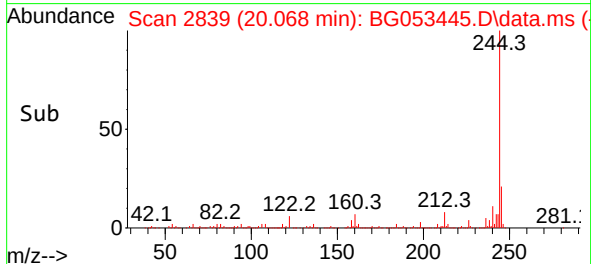
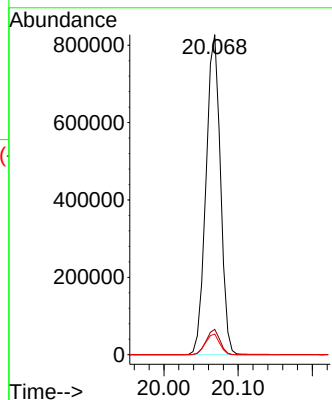
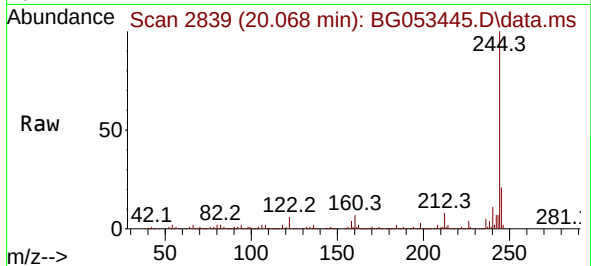




#79
 Terphenyl-d14
 Concen: 89.630 ng
 RT: 20.068 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG053445.D
 Acq: 5 May 2022 9:59

Instrument :
 BNA_G
 ClientSampleId :
 PB144564BL

Tgt Ion:244 Resp: 1117626
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 6.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.026 min Scan# 3683
 Delta R.T. -0.008 min
 Lab File: BG053445.D
 Acq: 5 May 2022 9:59

Tgt Ion:264 Resp: 231065
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.3 17.4 26.2

