

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050222\
 Data File : BG053394.D
 Acq On : 2 May 2022 11:35
 Operator : CG/JU
 Sample : PB144451TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144451TB

Quant Time: May 02 16:46:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

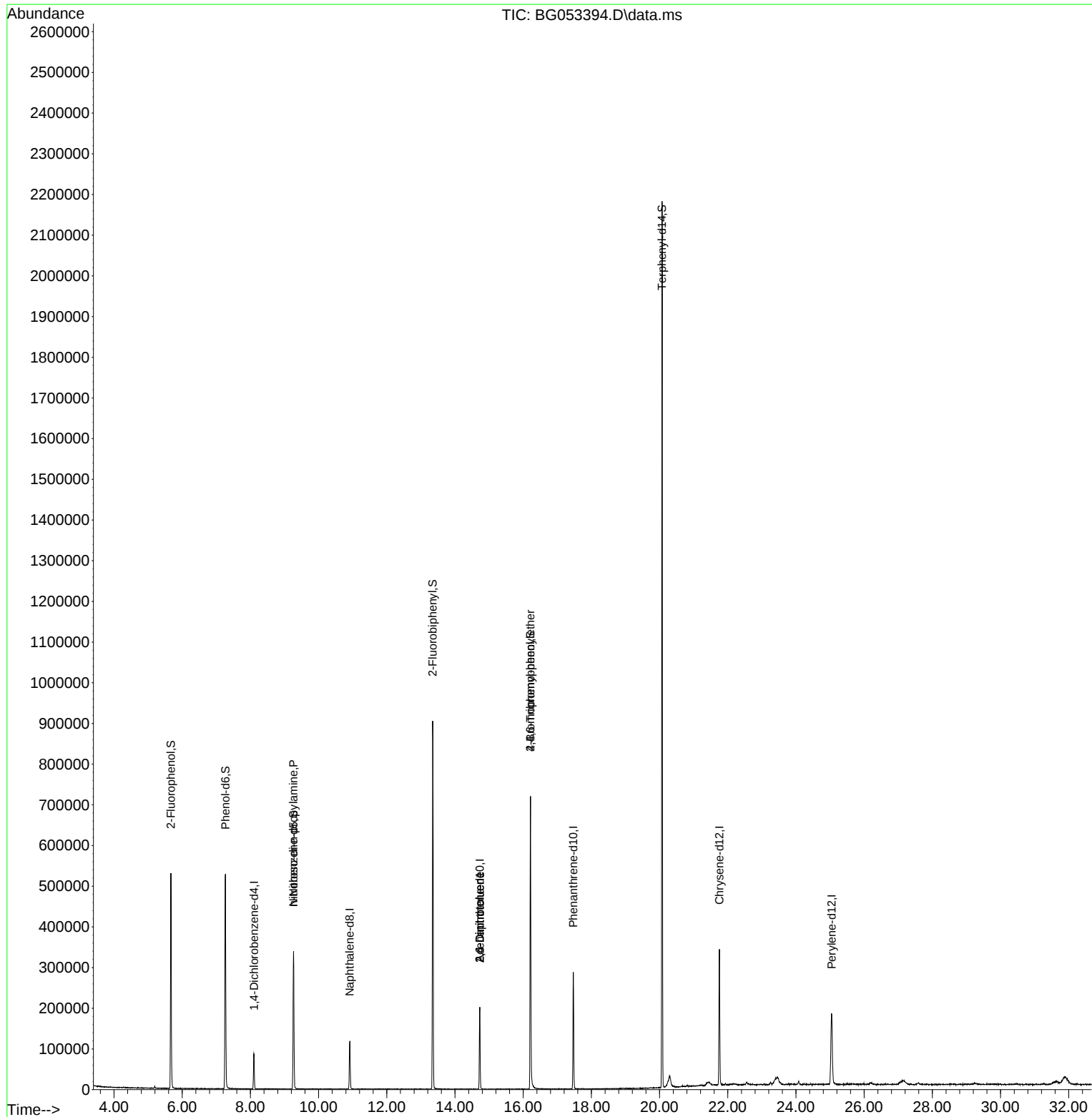
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.106	152	25757	20.000	ng	0.00
21) Naphthalene-d8	10.914	136	100148	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	73272	20.000	ng	0.00
64) Phenanthrene-d10	17.470	188	192429	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	220574	20.000	ng	-0.01
86) Perylene-d12	25.048	264	215679	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	219826	146.299	ng	0.00
7) Phenol-d6	7.266	99	312780	134.986	ng	0.00
23) Nitrobenzene-d5	9.263	82	221204	89.684	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	154584	132.607	ng	-0.01
45) 2-Fluorobiphenyl	13.346	172	487373	91.719	ng	-0.01
79) Terphenyl-d14	20.072	244	1110703	85.045	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.263	70	30588	18.031	ng	# 73
51) 2,6-Dinitrotoluene	14.726	165	8955	7.324	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	8955	5.145	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	9828	3.986	ng	# 1

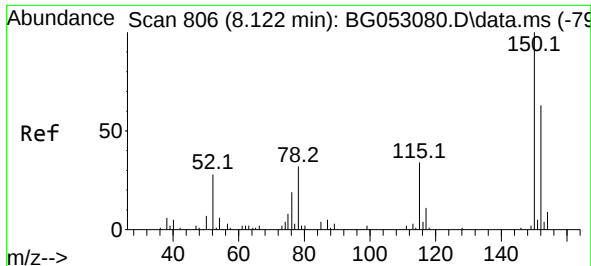
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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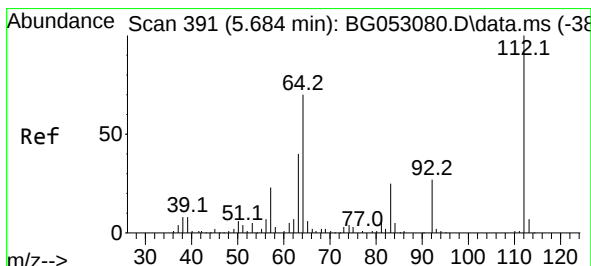
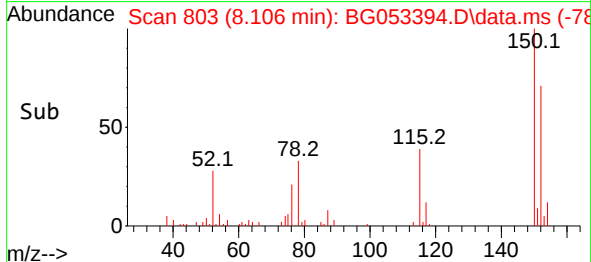
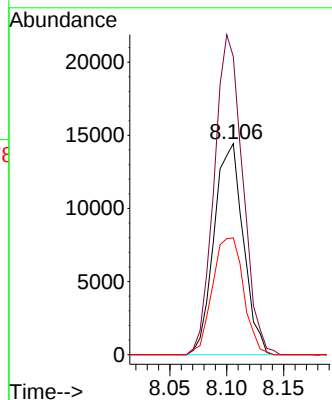
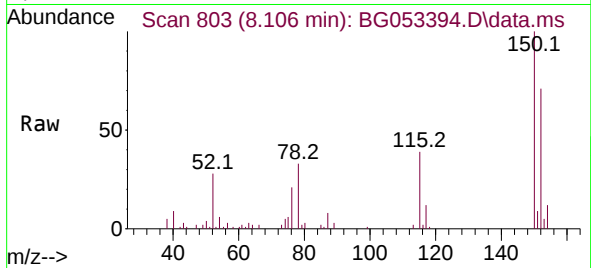




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.106 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

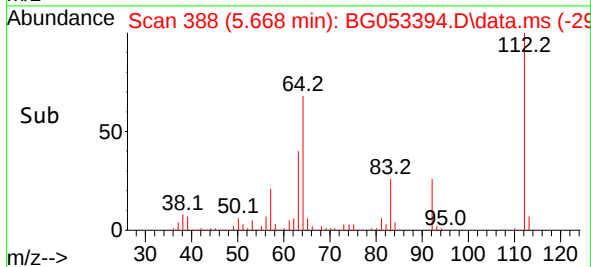
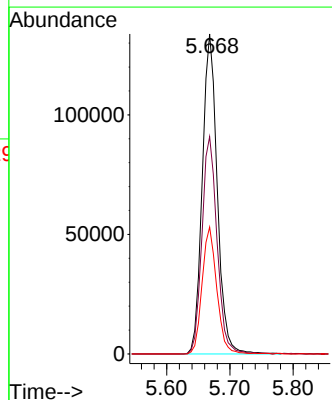
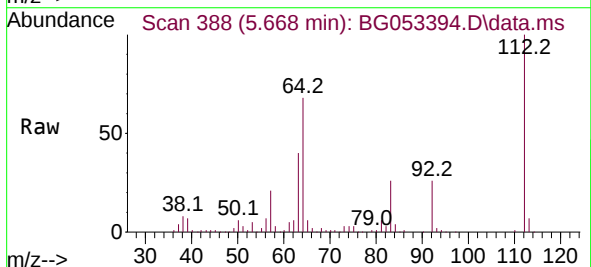
Instrument :
BNA_G
ClientSampleId :
PB144451TB

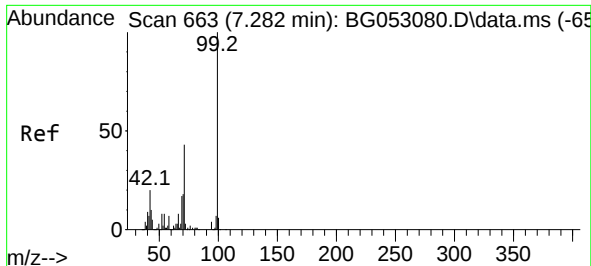
Tgt Ion:152 Resp: 25757
Ion Ratio Lower Upper
152 100
150 141.2 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 146.299 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion:112 Resp: 219826
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 39.7 26.5 39.7

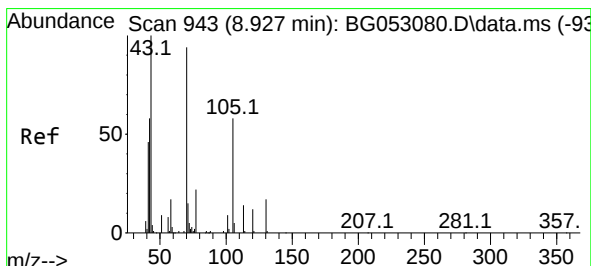
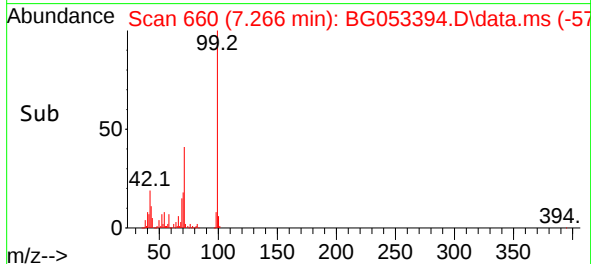
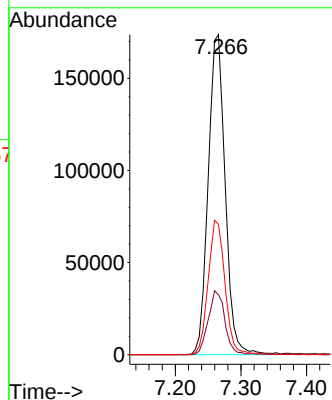
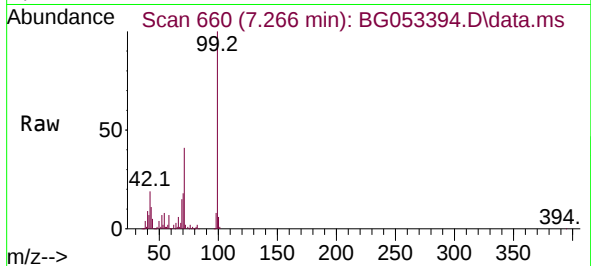




#7
Phenol-d6
Concen: 134.986 ng
RT: 7.266 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

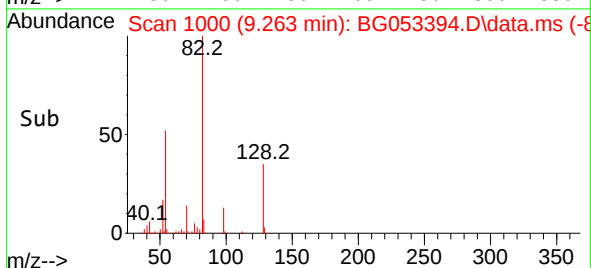
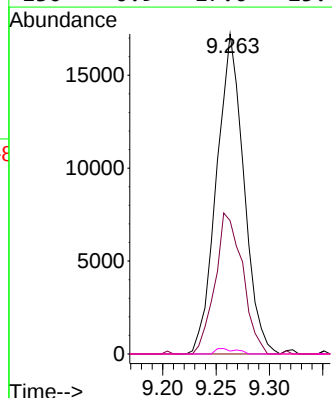
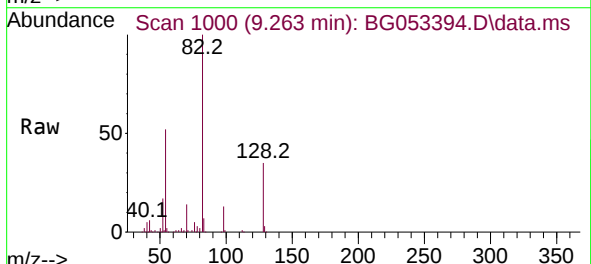
Instrument :
BNA_G
ClientSampleId :
PB144451TB

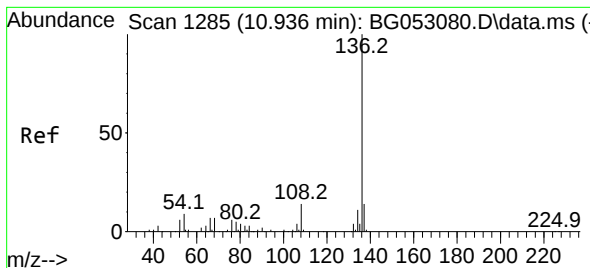
Tgt Ion: 99 Resp: 312780
Ion Ratio Lower Upper
99 100
42 18.7 14.7 22.1
71 40.8 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 18.031 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.351 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion: 70 Resp: 30588
Ion Ratio Lower Upper
70 100
42 41.7 46.0 69.0#
101 0.0 6.2 9.4#
130 0.9 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.914 min Scan# 1001

Delta R.T. -0.008 min

Lab File: BG053394.D

Acq: 2 May 2022 11:35

Instrument :

BNA_G

ClientSampleId :

PB144451TB

Tgt Ion:136 Resp: 100148

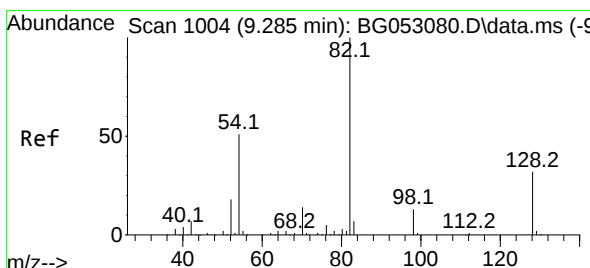
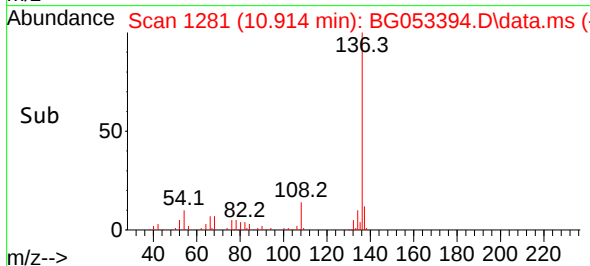
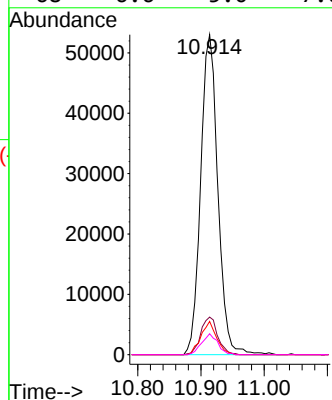
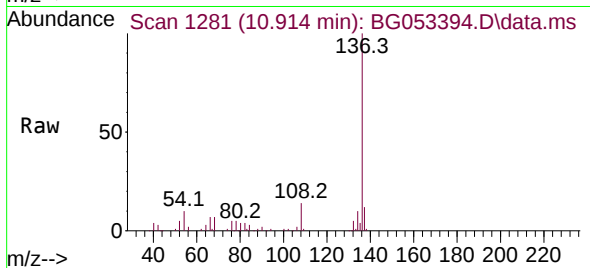
Ion Ratio Lower Upper

136 100

137 11.7 9.4 14.2

54 10.4 6.4 9.6#

68 6.6 5.0 7.6



#23

Nitrobenzene-d5

Concen: 89.684 ng

RT: 9.263 min Scan# 1000

Delta R.T. -0.014 min

Lab File: BG053394.D

Acq: 2 May 2022 11:35

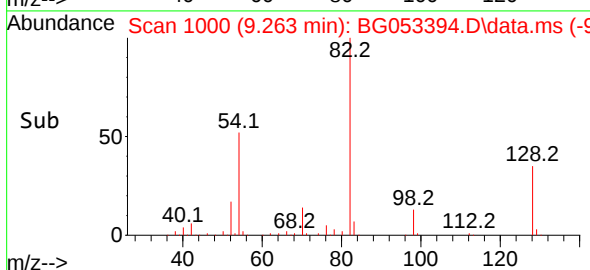
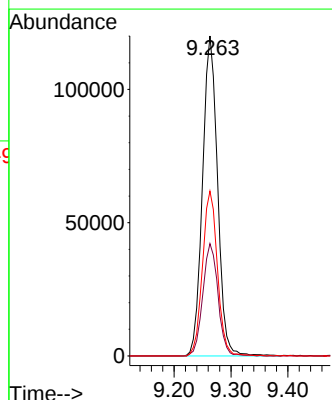
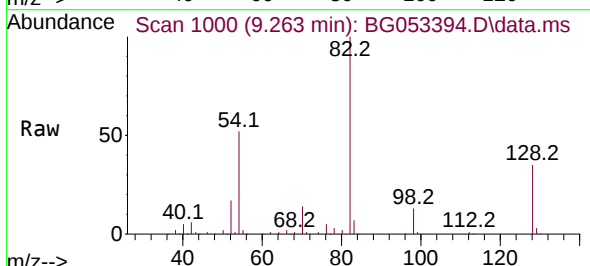
Tgt Ion: 82 Resp: 221204

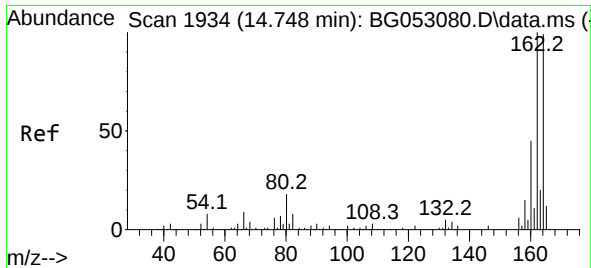
Ion Ratio Lower Upper

82 100

128 35.1 31.3 46.9

54 51.5 37.8 56.8

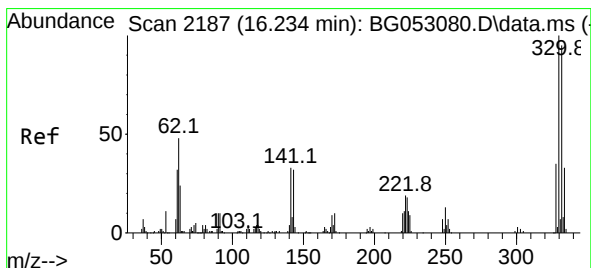
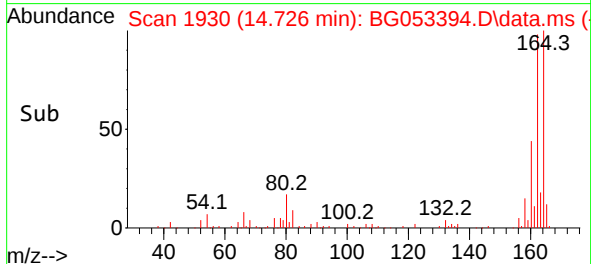
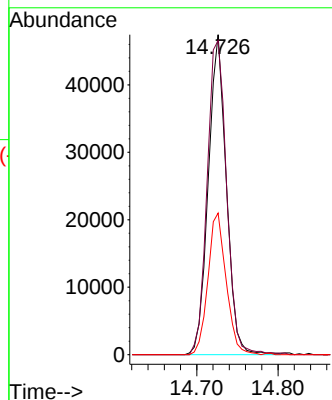
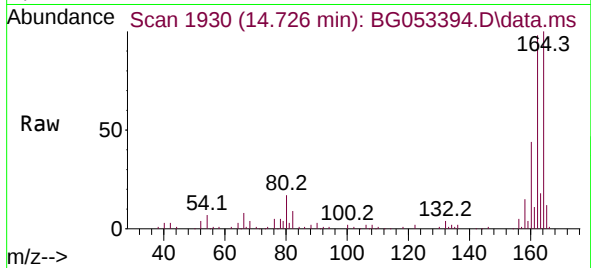




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

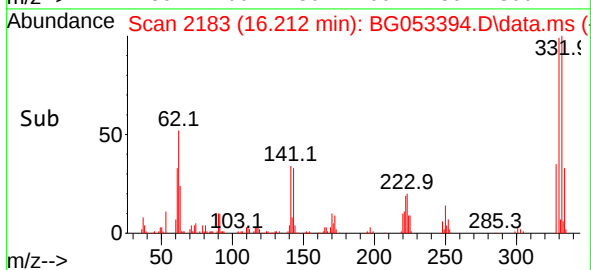
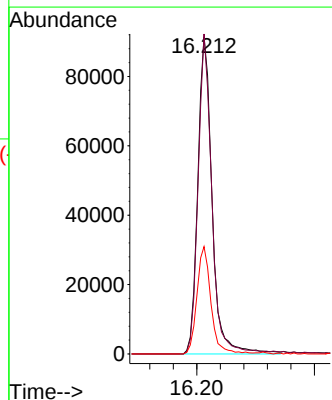
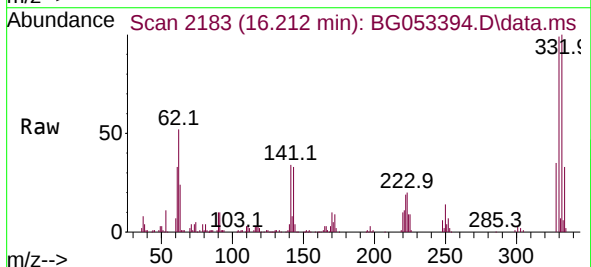
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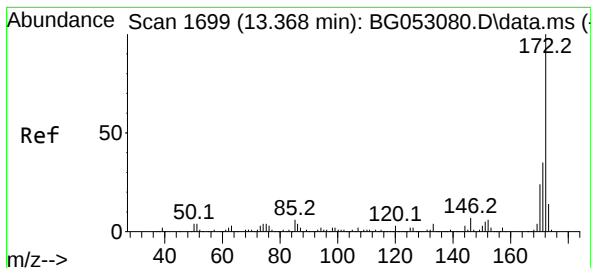
Tgt Ion:164 Resp: 73272
Ion Ratio Lower Upper
164 100
162 98.1 80.0 120.0
160 44.2 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 132.607 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion:330 Resp: 154584
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 33.1 24.6 36.8

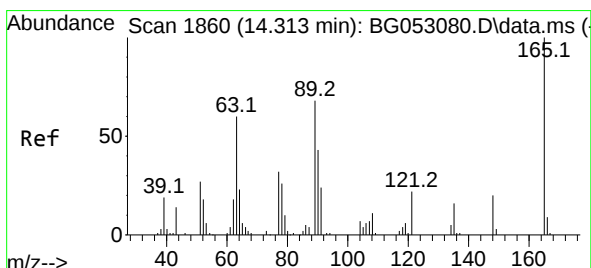
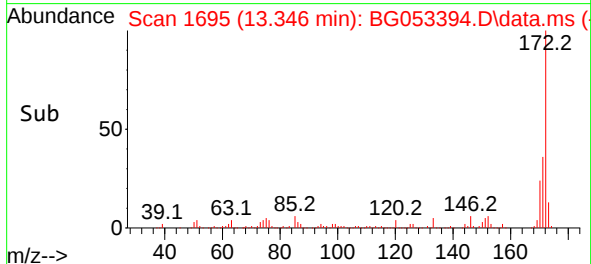
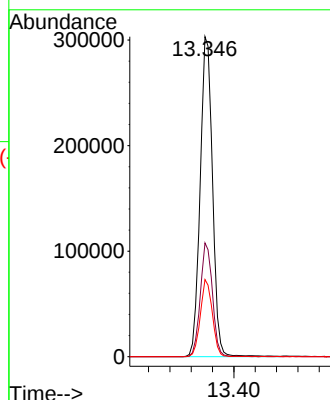
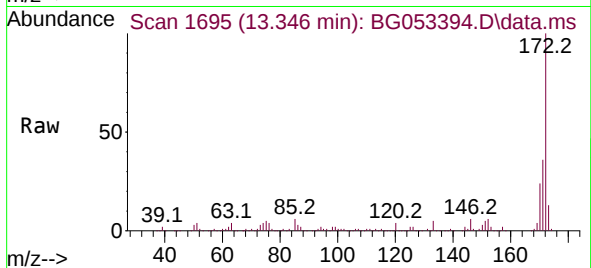




#45
2-Fluorobiphenyl
Concen: 91.719 ng
RT: 13.346 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

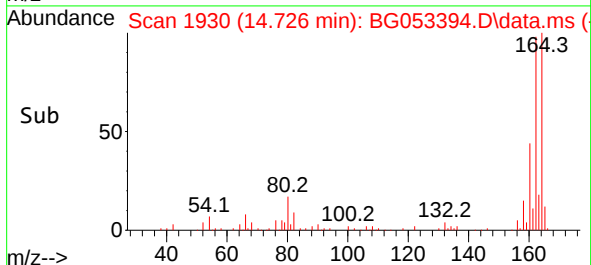
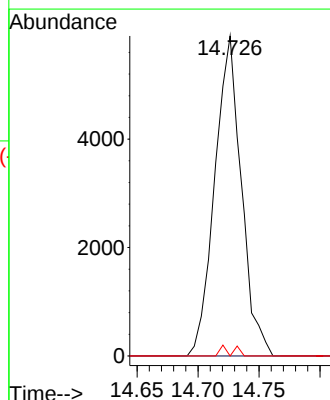
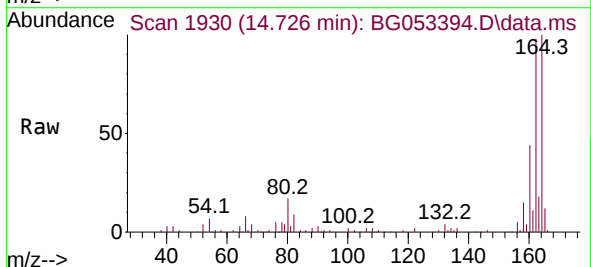
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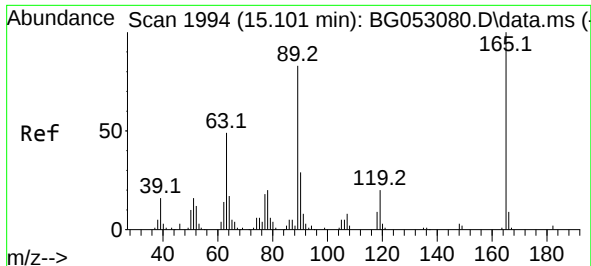
Tgt Ion:172 Resp: 487373
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 24.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.324 ng
RT: 14.726 min Scan# 1930
Delta R.T. 0.421 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion:165 Resp: 8955
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

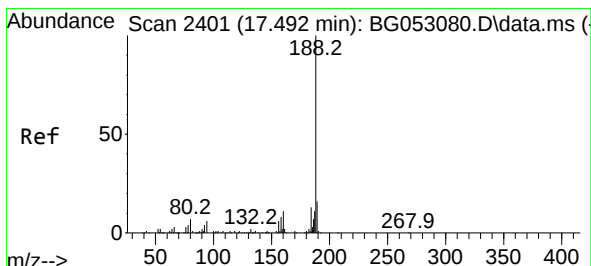
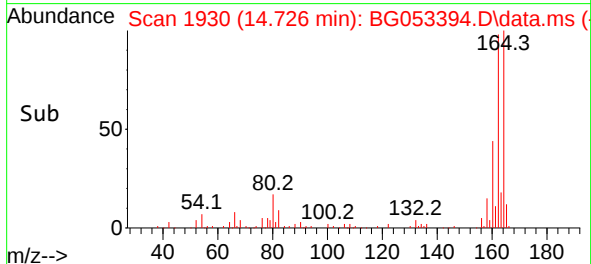
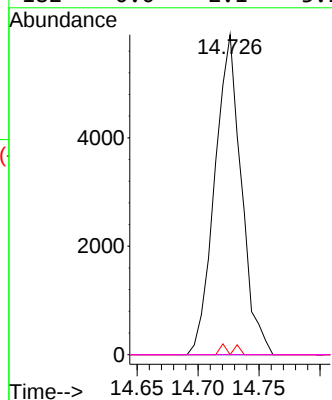
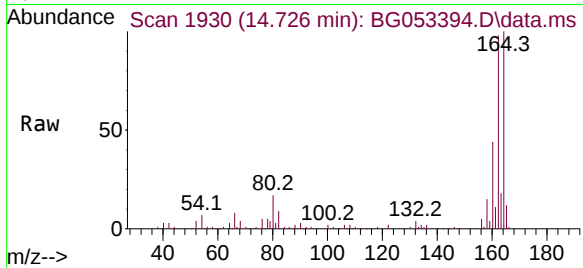




#57
2,4-Dinitrotoluene
Concen: 5.145 ng
RT: 14.726 min Scan# 1994
Delta R.T. -0.366 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

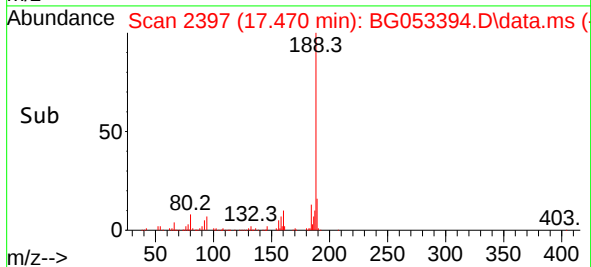
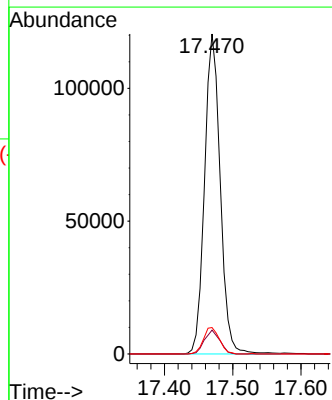
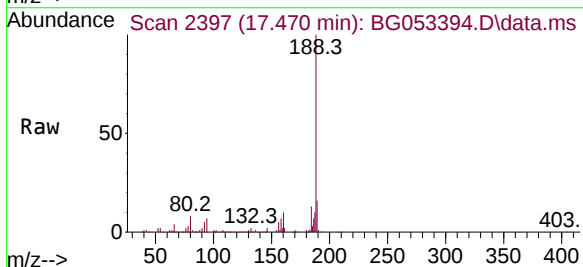
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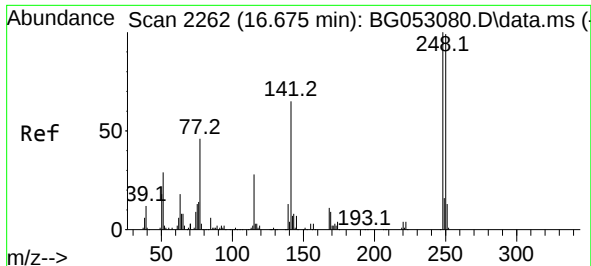
Tgt Ion:165 Resp: 8955
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.470 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion:188 Resp: 192429
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 8.2 7.2 10.8

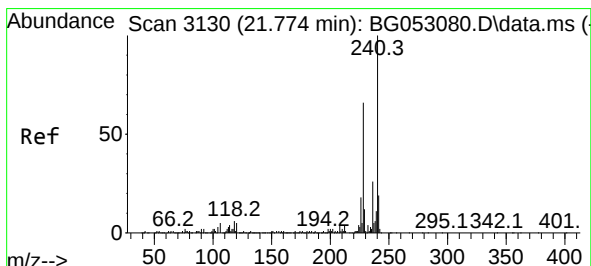
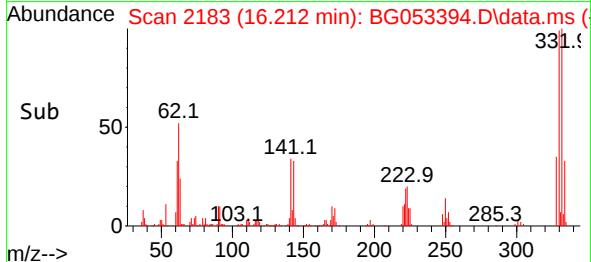
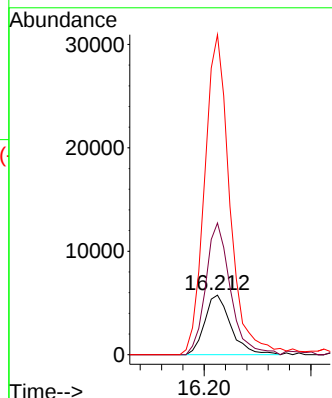
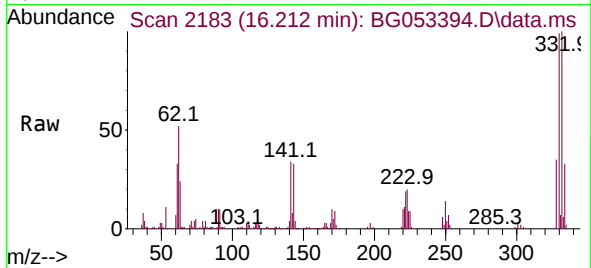




#67
4-Bromophenyl-phenylether
Concen: 3.986 ng
RT: 16.212 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

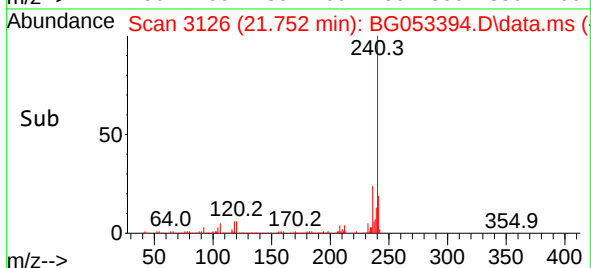
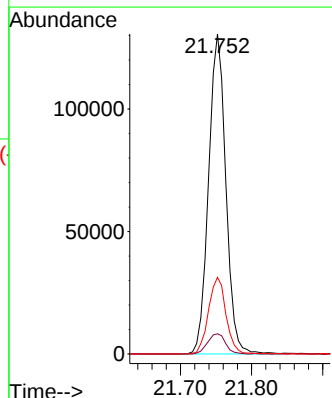
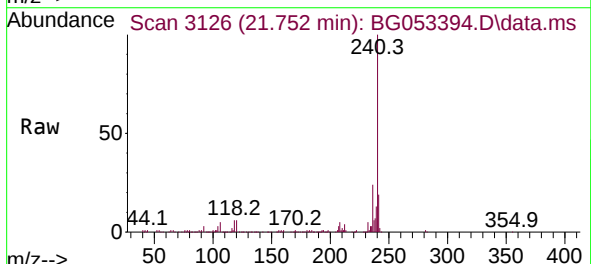
Instrument :
BNA_G
ClientSampleId :
PB144451TB

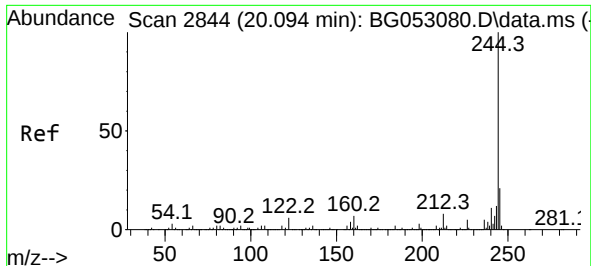
Tgt Ion:248 Resp: 9828
Ion Ratio Lower Upper
248 100
250 221.3 77.9 116.9#
141 537.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053394.D
Acq: 2 May 2022 11:35

Tgt Ion:240 Resp: 220574
Ion Ratio Lower Upper
240 100
120 6.3 5.4 8.0
236 24.0 19.8 29.6

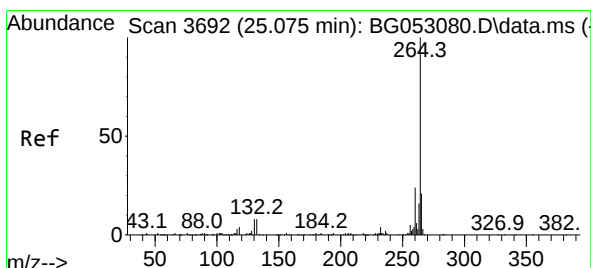
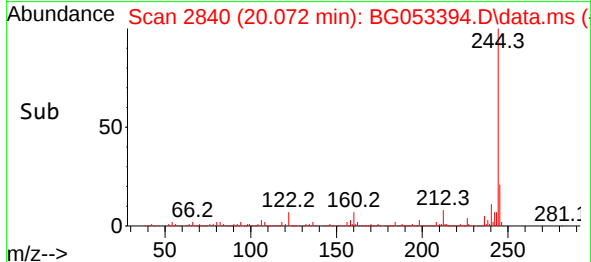
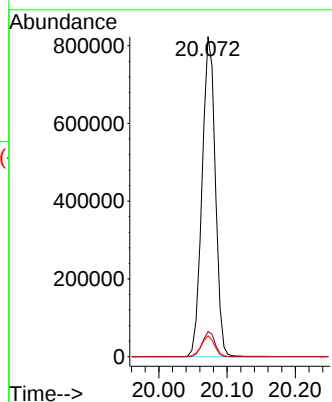
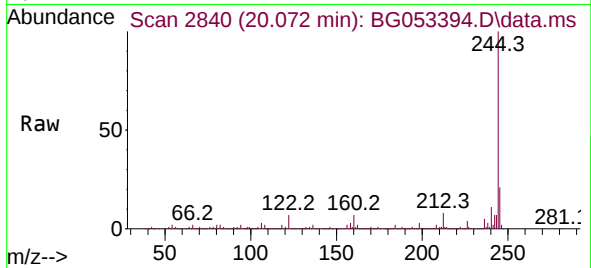




#79
 Terphenyl-d14
 Concen: 85.045 ng
 RT: 20.072 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG053394.D
 Acq: 2 May 2022 11:35

Instrument :
 BNA_G
 ClientSampleId :
 PB144451TB

Tgt Ion:244 Resp: 1110703
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.048 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053394.D
 Acq: 2 May 2022 11:35

Tgt Ion:264 Resp: 215679
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 21.6 15.1 22.7

