

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053218.D
 Acq On : 20 Apr 2022 16:37
 Operator : CG/JU
 Sample : PB144226TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144226TB

Quant Time: Apr 21 06:04:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

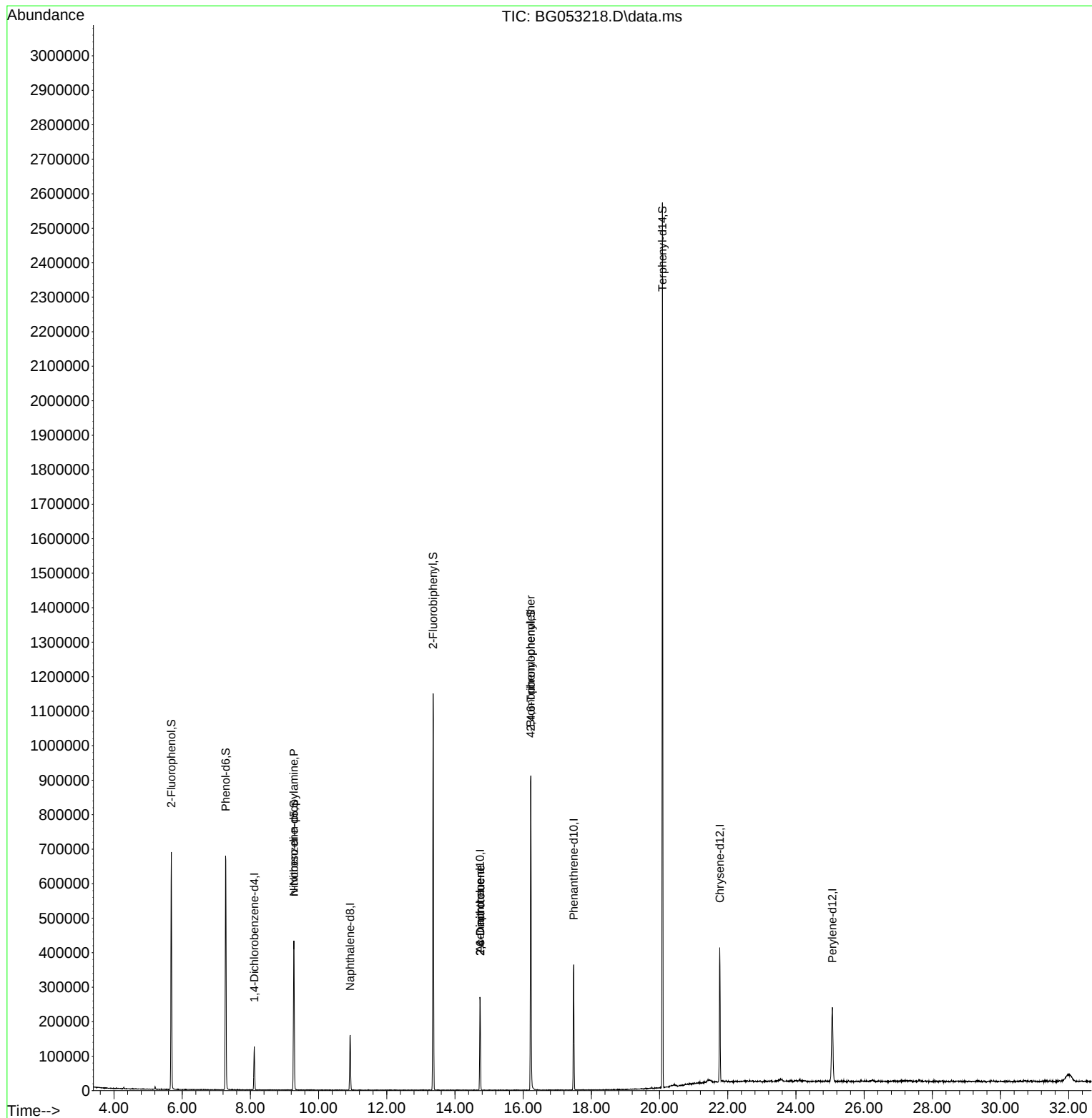
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.114	152	34222	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	131563	20.000	ng	# 0.00
39) Acenaphthene-d10	14.734	164	98302	20.000	ng	-0.01
64) Phenanthrene-d10	17.483	188	235240	20.000	ng	0.00
76) Chrysene-d12	21.766	240	251449	20.000	ng	0.00
86) Perylene-d12	25.067	264	244962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.682	112	272801	136.646	ng	0.00
7) Phenol-d6	7.274	99	386009	125.382	ng	0.00
23) Nitrobenzene-d5	9.277	82	275815	85.123	ng	0.00
42) 2,4,6-Tribromophenol	16.226	330	196329	125.534	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	612507	85.918	ng	0.00
79) Terphenyl-d14	20.086	244	1279656	85.950	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.277	70	39361	17.463	ng	# 74
51) 2,6-Dinitrotoluene	14.740	165	12706	7.746	ng	# 25
57) 2,4-Dinitrotoluene	14.740	165	12706	5.441	ng	# 24
67) 4-Bromophenyl-phenylether	16.220	248	12982	4.307	ng	# 1

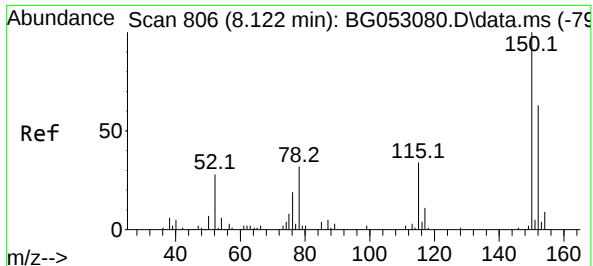
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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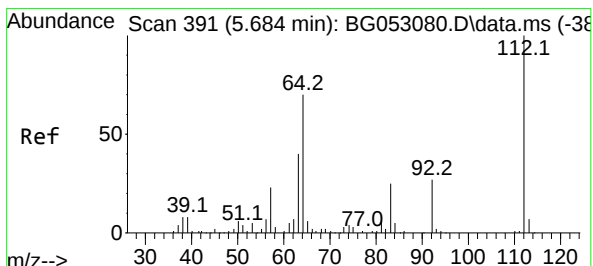
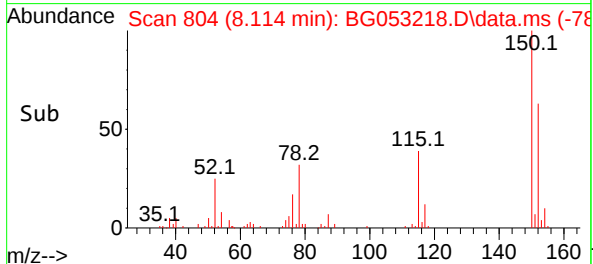
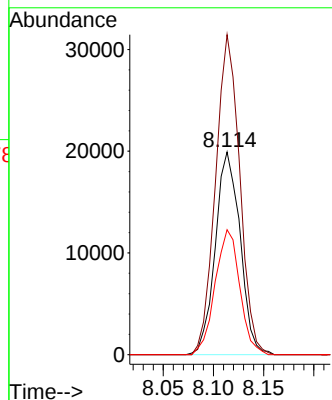
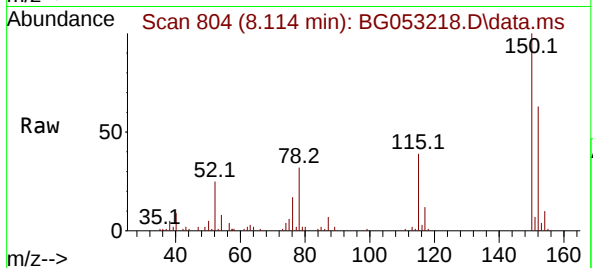




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.114 min Scan# 806
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

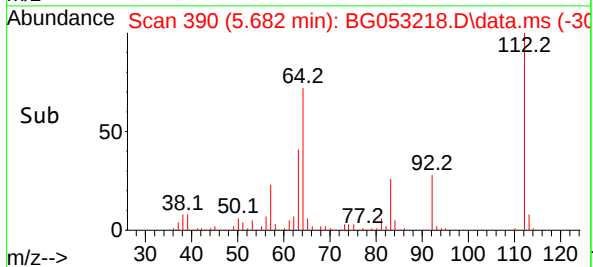
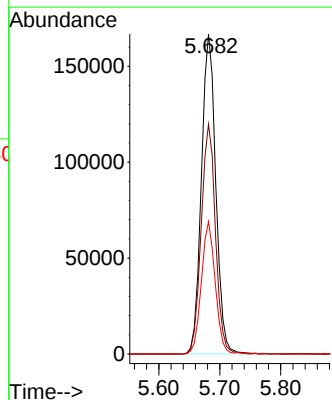
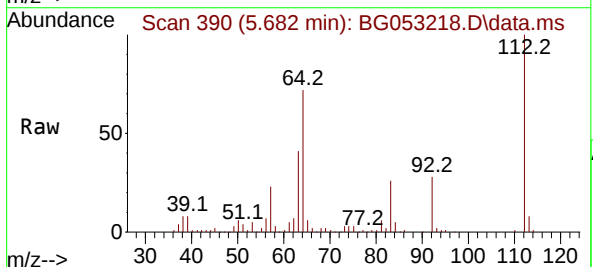
Instrument :
BNA_G
ClientSampleId :
PB144226TB

Tgt Ion:152 Resp: 34222
Ion Ratio Lower Upper
152 100
150 157.8 114.6 172.0
115 61.7 45.9 68.9



#5
2-Fluorophenol
Concen: 136.646 ng
RT: 5.682 min Scan# 390
Delta R.T. -0.002 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

Tgt Ion:112 Resp: 272801
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 41.4 26.5 39.7#

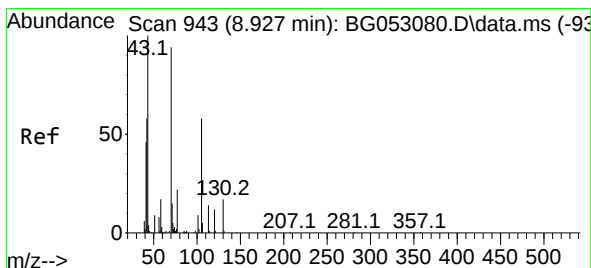
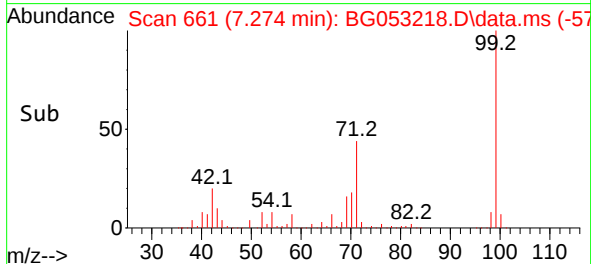
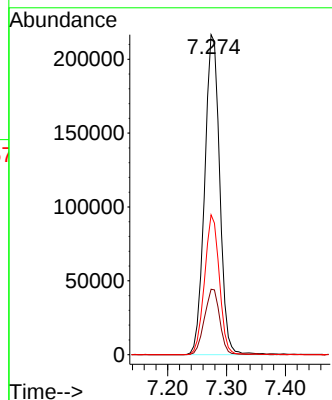
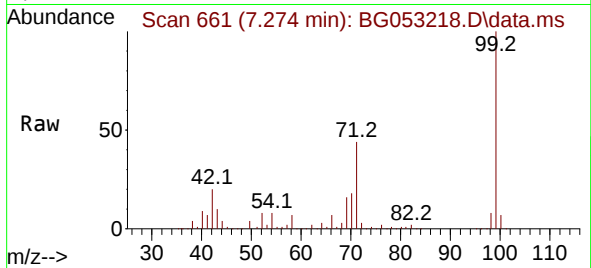




#7
Phenol-d6
Concen: 125.382 ng
RT: 7.274 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

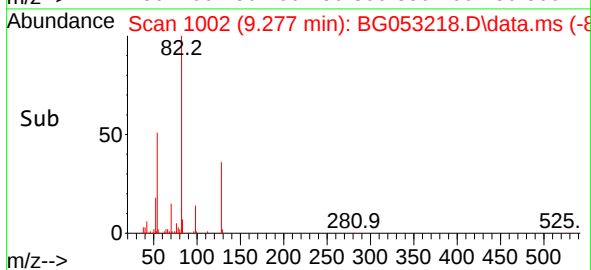
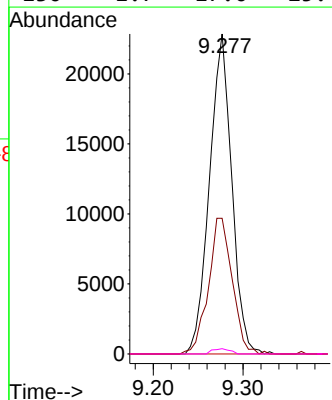
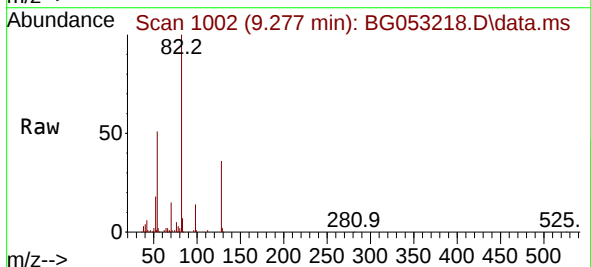
Instrument :
BNA_G
ClientSampleId :
PB144226TB

Tgt Ion: 99 Resp: 386009
Ion Ratio Lower Upper
99 100
42 20.4 14.7 22.1
71 43.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 17.463 ng
RT: 9.277 min Scan# 1002
Delta R.T. 0.350 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

Tgt Ion: 70 Resp: 39361
Ion Ratio Lower Upper
70 100
42 42.4 46.0 69.0#
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#

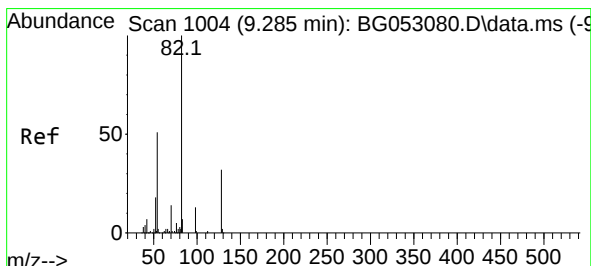
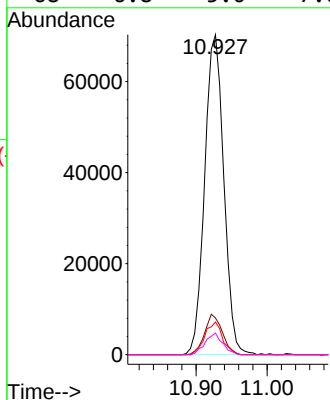
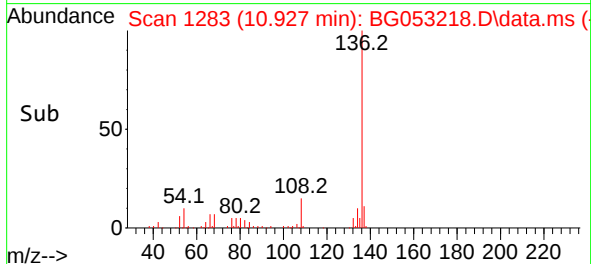
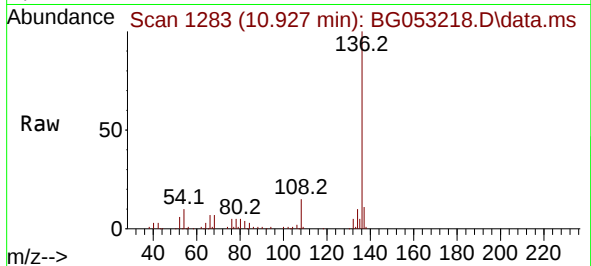




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1002
Delta R.T. -0.009 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

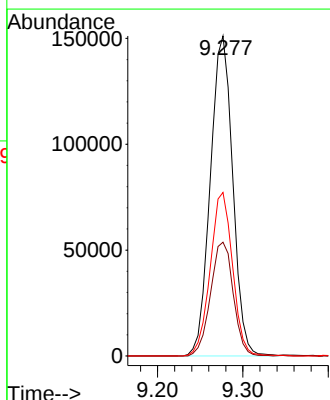
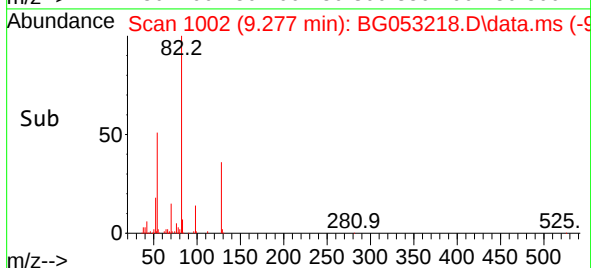
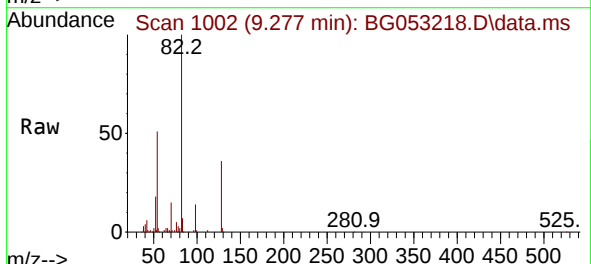
Instrument :
BNA_G
ClientSampleId :
PB144226TB

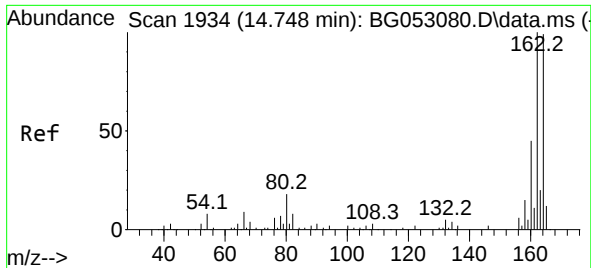
Tgt Ion:136 Resp: 131563
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 10.2 6.4 9.6#
68 6.8 5.0 7.6



#23
Nitrobenzene-d5
Concen: 85.123 ng
RT: 9.277 min Scan# 1002
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

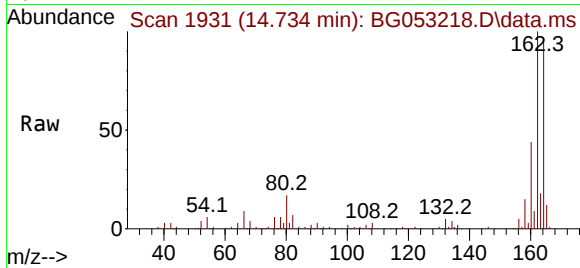
Tgt Ion: 82 Resp: 275815
Ion Ratio Lower Upper
82 100
128 35.6 31.3 46.9
54 51.1 37.8 56.8



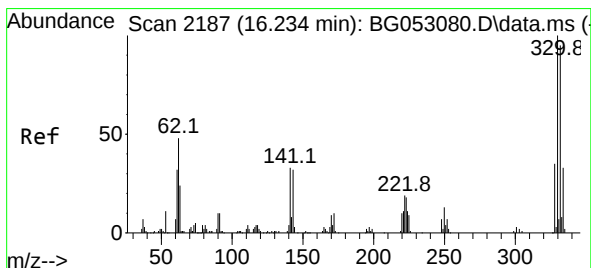
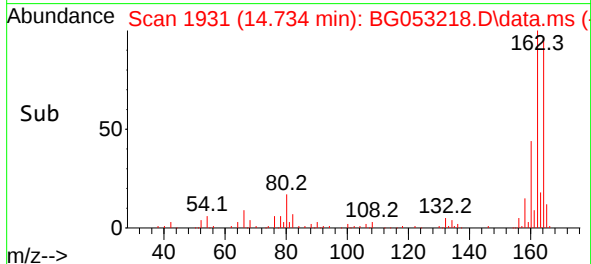
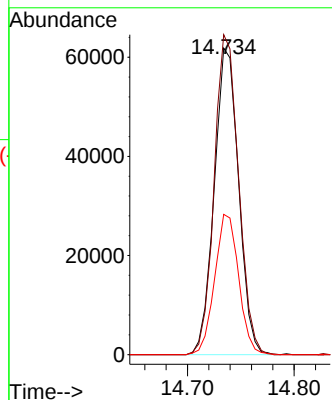


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.734 min Scan# 1931
Delta R.T. -0.014 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

Instrument :
BNA_G
ClientSampleId :
PB144226TB

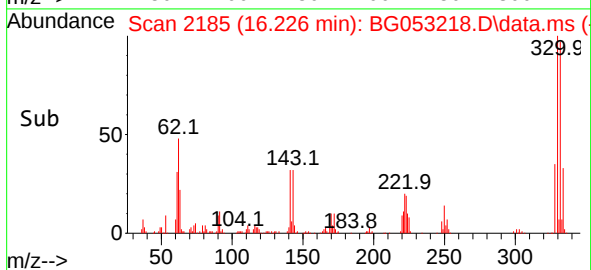
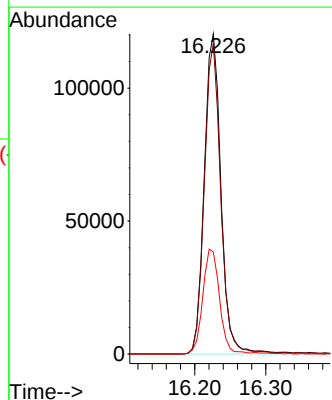
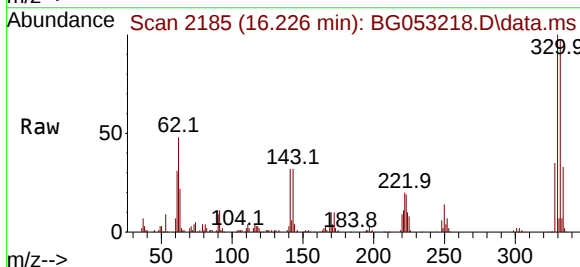


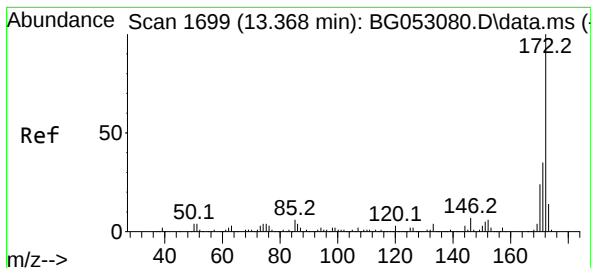
Tgt Ion:164 Resp: 98302
Ion Ratio Lower Upper
164 100
162 104.4 80.0 120.0
160 45.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 125.534 ng
RT: 16.226 min Scan# 2185
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

Tgt Ion:330 Resp: 196329
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 32.9 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 85.918 ng

RT: 13.359 min Scan# 1

Delta R.T. -0.008 min

Lab File: BG053218.D

Acq: 20 Apr 2022 16:37

Instrument :

BNA_G

ClientSampleId :

PB144226TB

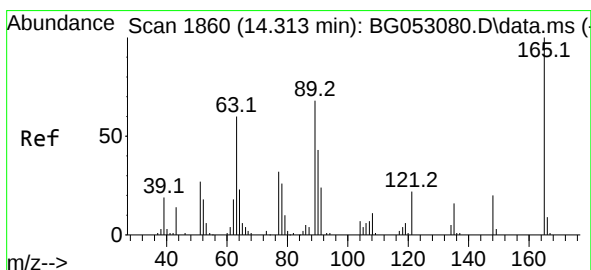
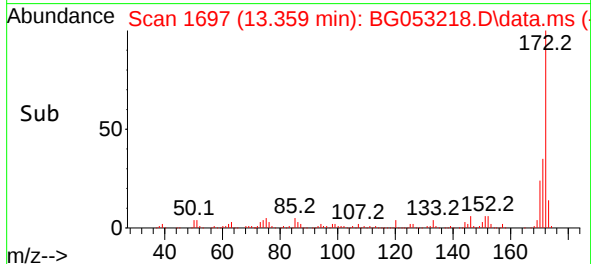
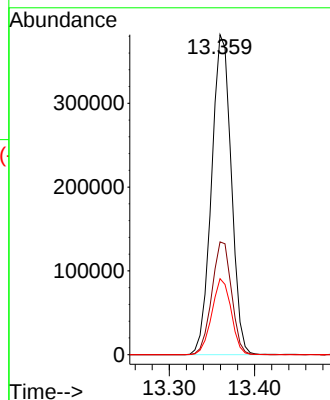
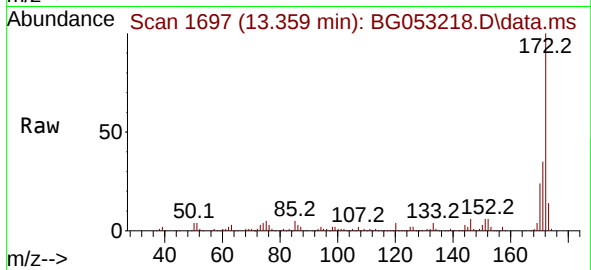
Tgt Ion:172 Resp: 612507

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.8 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.746 ng

RT: 14.740 min Scan# 1932

Delta R.T. 0.426 min

Lab File: BG053218.D

Acq: 20 Apr 2022 16:37

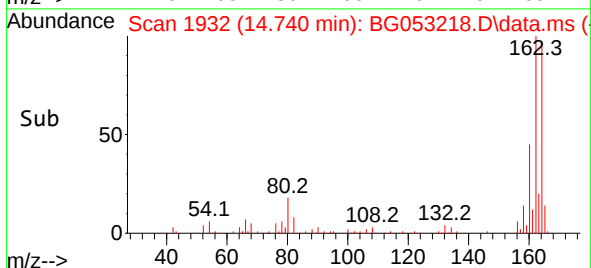
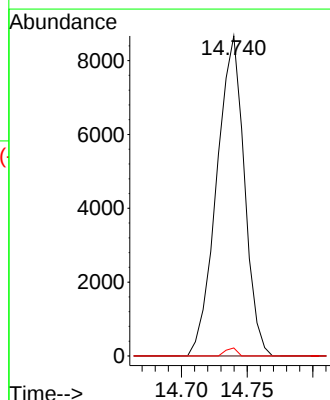
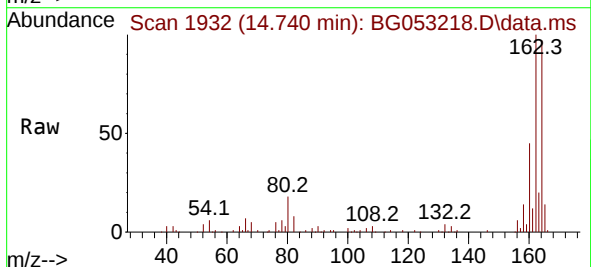
Tgt Ion:165 Resp: 12706

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 2.5 45.0 67.4#

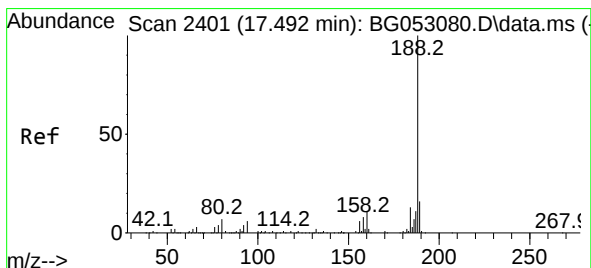
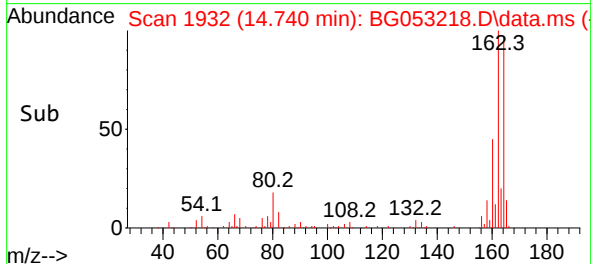
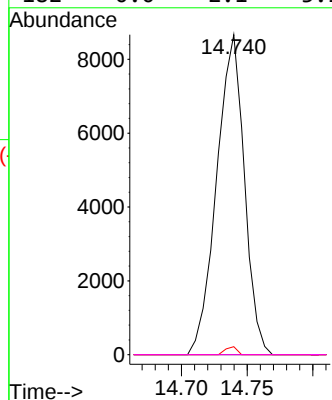
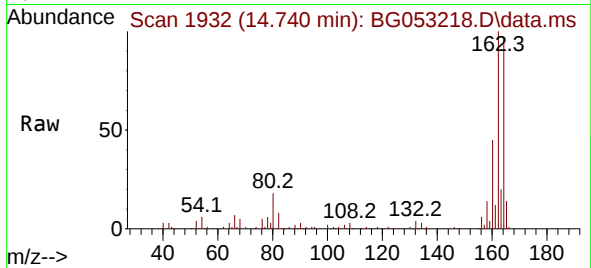




#57
2,4-Dinitrotoluene
Concen: 5.441 ng
RT: 14.740 min Scan# 1994
Delta R.T. -0.361 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

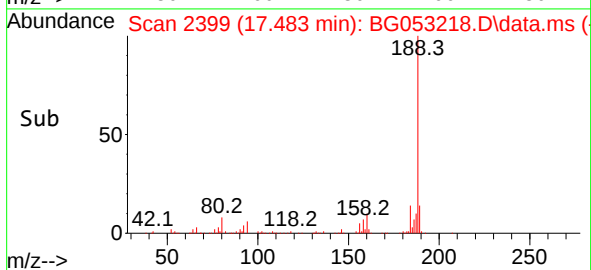
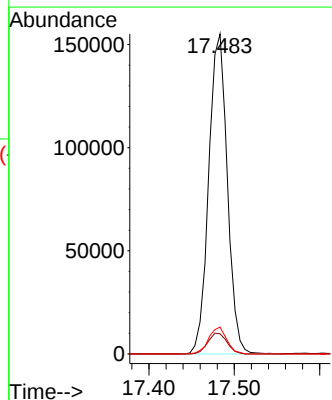
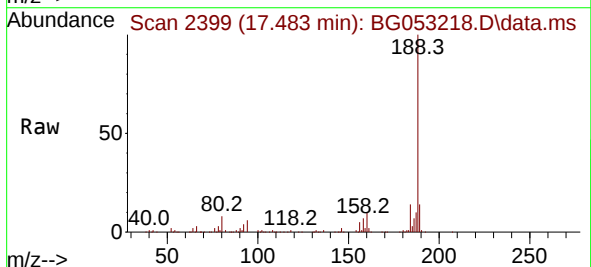
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ClientSampleId :
PB144226TB

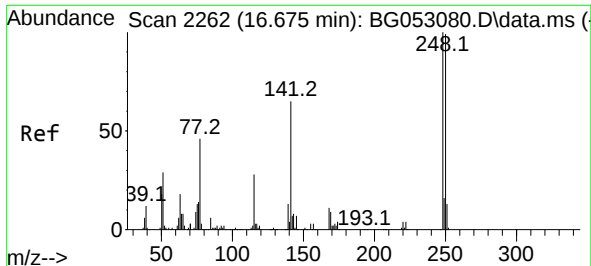
Tgt Ion:165 Resp: 12706
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 2.5 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 2399
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

Tgt Ion:188 Resp: 235240
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 8.4 7.2 10.8

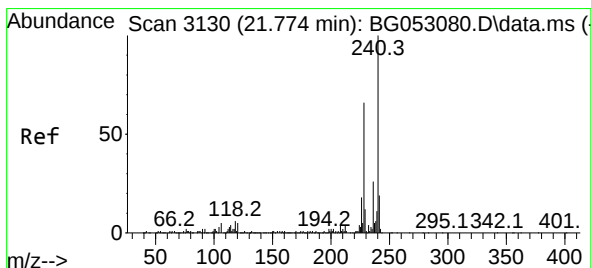
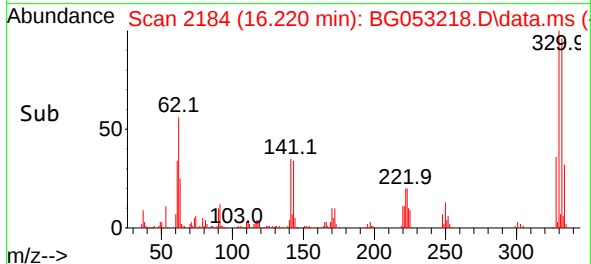
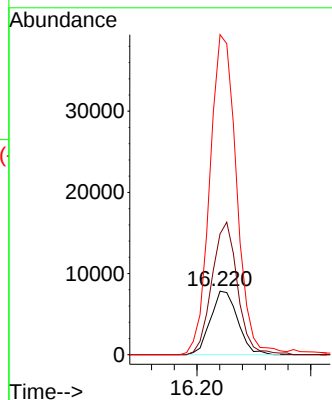
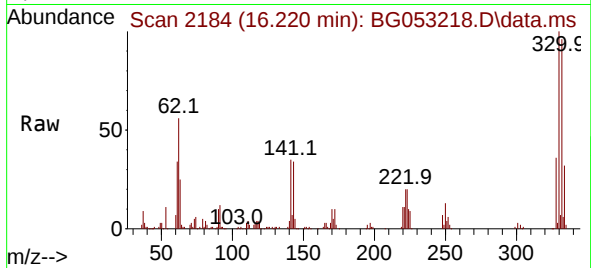




#67
4-Bromophenyl-phenylether
Concen: 4.307 ng
RT: 16.220 min Scan# 2118
Delta R.T. -0.455 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

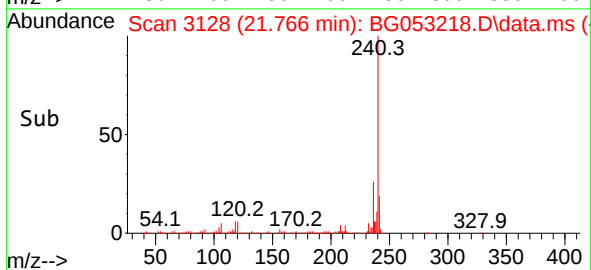
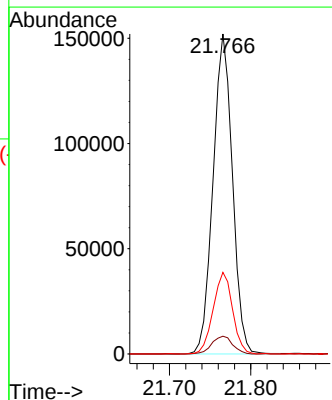
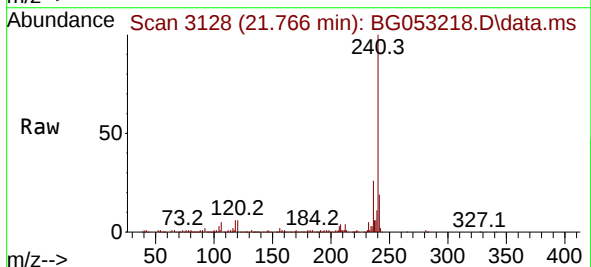
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BNA_G
ClientSampleId :
PB144226TB

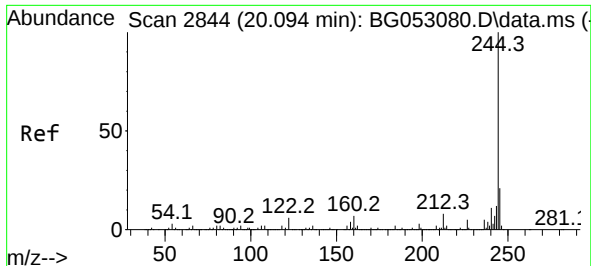
Tgt Ion:248 Resp: 12982
Ion Ratio Lower Upper
248 100
250 190.0 77.9 116.9#
141 503.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.766 min Scan# 3128
Delta R.T. -0.008 min
Lab File: BG053218.D
Acq: 20 Apr 2022 16:37

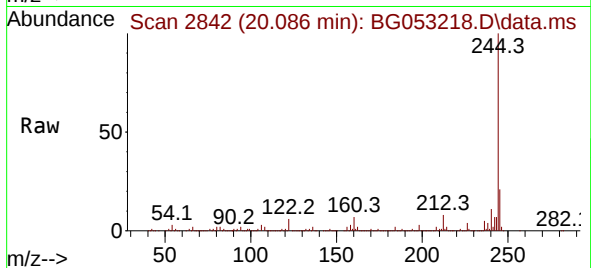
Tgt Ion:240 Resp: 251449
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 25.5 19.8 29.6



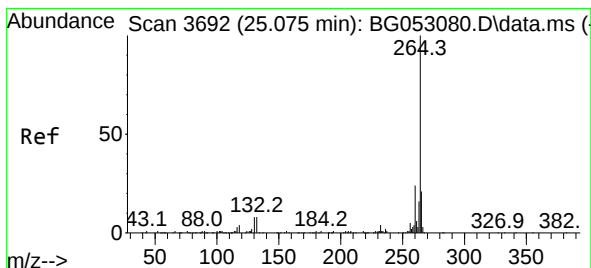
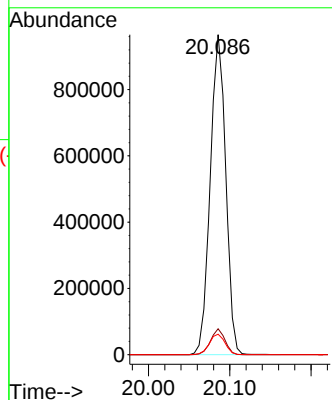
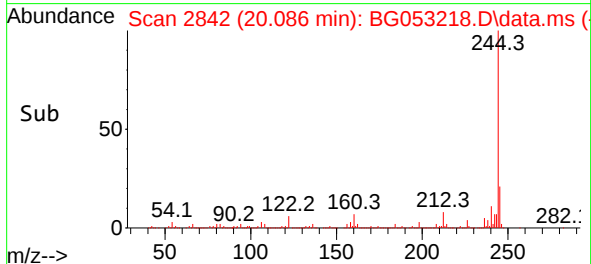


#79
 Terphenyl-d14
 Concen: 85.950 ng
 RT: 20.086 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG053218.D
 Acq: 20 Apr 2022 16:37

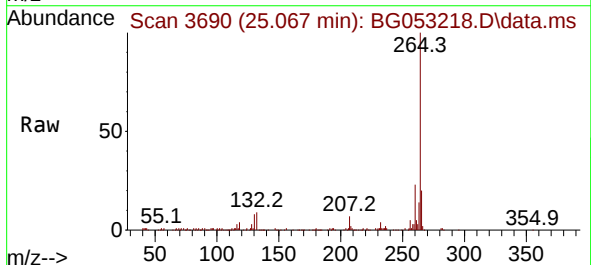
Instrument :
 BNA_G
 ClientSampleId :
 PB144226TB



Tgt Ion:244 Resp: 1279656
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.067 min Scan# 3690
 Delta R.T. -0.008 min
 Lab File: BG053218.D
 Acq: 20 Apr 2022 16:37



Tgt Ion:264 Resp: 244962
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 19.9 15.1 22.7

