

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053391.D
 Acq On : 30 Apr 2022 00:07
 Operator : CG/JU
 Sample : N2609-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: May 02 01:04:30 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)

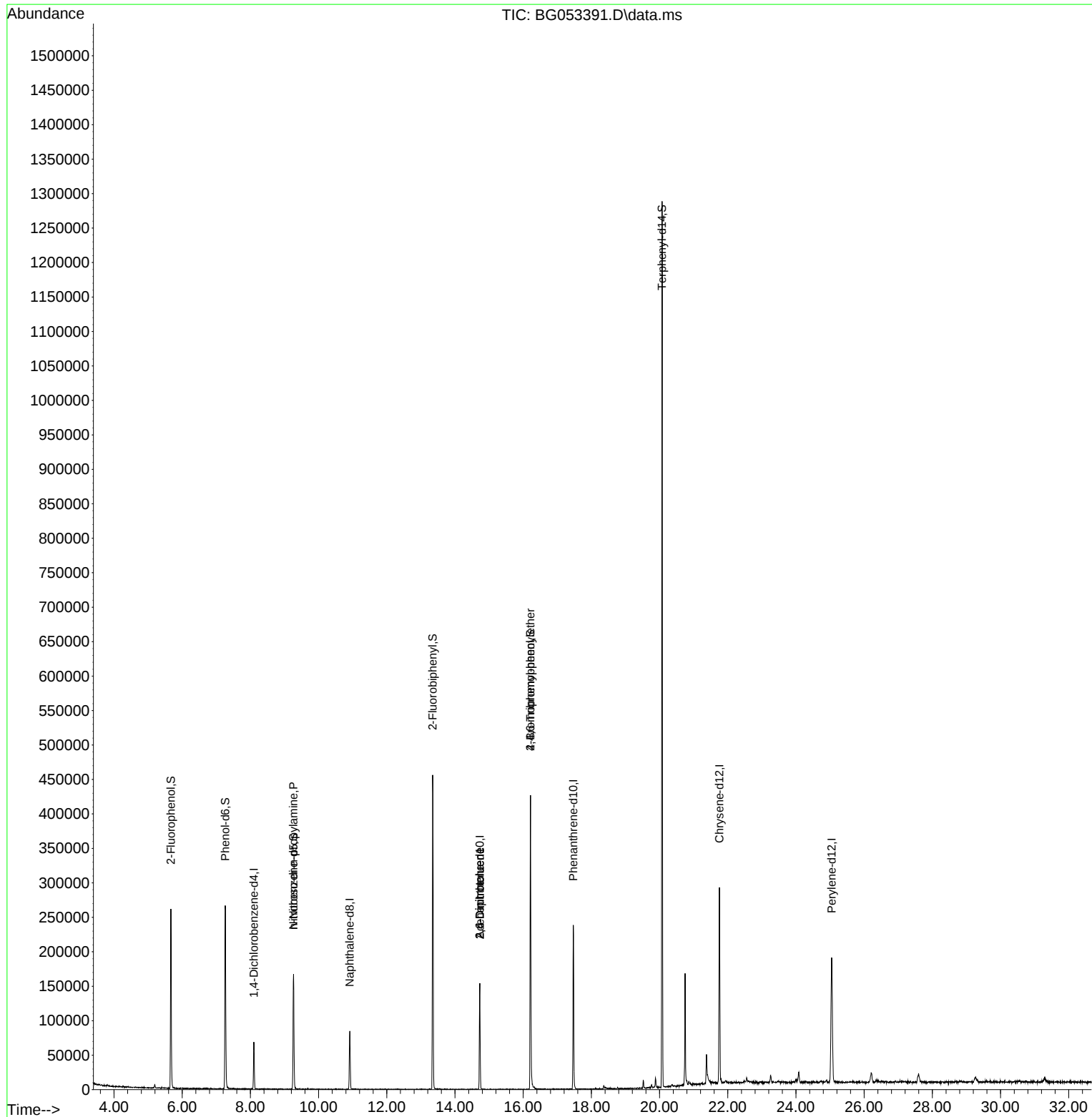
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.100	152	19412	20.000	ng	#-0.01
21) Naphthalene-d8	10.913	136	72936	20.000	ng	# 0.00
39) Acenaphthene-d10	14.726	164	57551	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	159195	20.000	ng	-0.01
76) Chrysene-d12	21.752	240	189796	20.000	ng	-0.01
86) Perylene-d12	25.047	264	195719	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.668	112	108895	96.160	ng	0.00
7) Phenol-d6	7.260	99	158167	90.571	ng	-0.01
23) Nitrobenzene-d5	9.263	82	110296	61.402	ng	-0.01
42) 2,4,6-Tribromophenol	16.212	330	88930	97.126	ng	-0.01
45) 2-Fluorobiphenyl	13.345	172	251574	60.276	ng	-0.01
79) Terphenyl-d14	20.072	244	658750	58.619	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.263	70	15826	12.379	ng	# 75
51) 2,6-Dinitrotoluene	14.726	165	7623	7.938	ng	# 24
57) 2,4-Dinitrotoluene	14.726	165	7623	5.576	ng	# 22
67) 4-Bromophenyl-phenylether	16.212	248	6207	3.043	ng	# 1

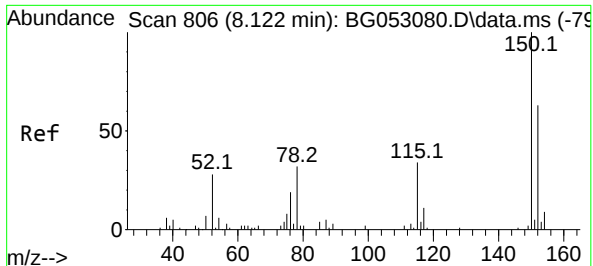
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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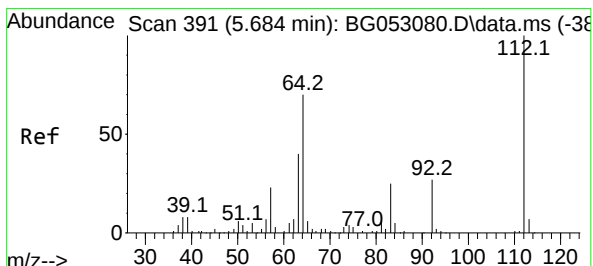
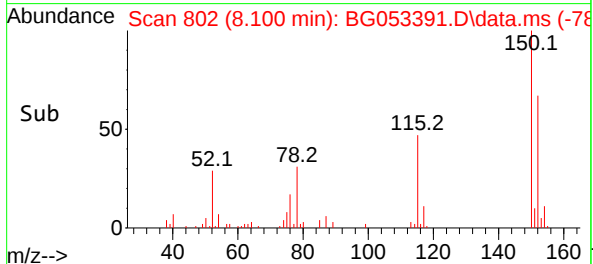
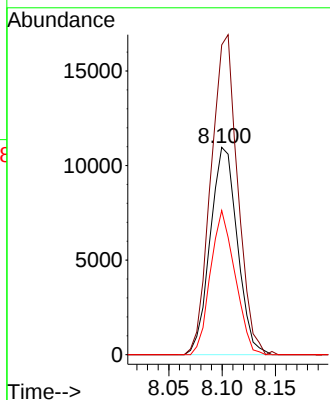
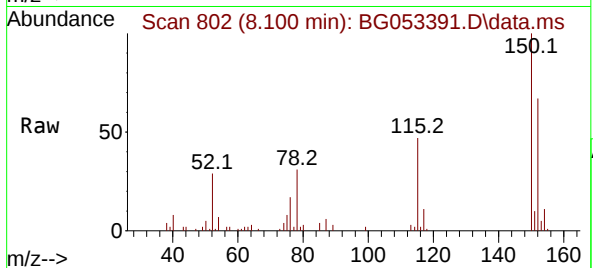




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.100 min Scan# 806
Delta R.T. -0.013 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

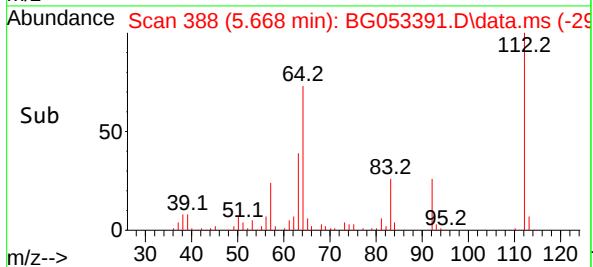
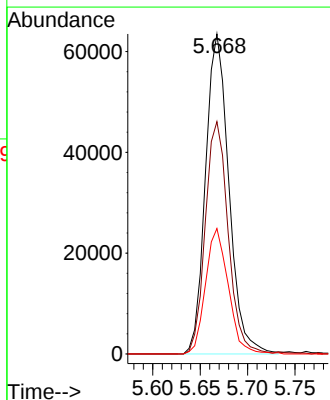
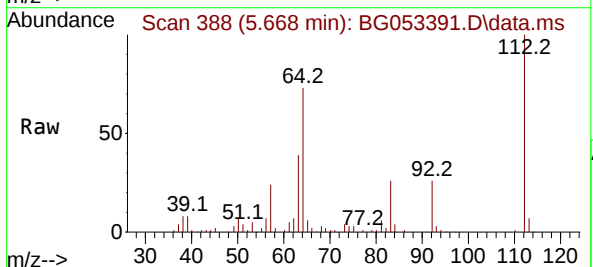
Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:152 Resp: 19412
Ion Ratio Lower Upper
152 100
150 149.4 114.6 172.0
115 69.5 45.9 68.9#



#5
2-Fluorophenol
Concen: 96.160 ng
RT: 5.668 min Scan# 388
Delta R.T. -0.008 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion:112 Resp: 108895
Ion Ratio Lower Upper
112 100
64 72.6 48.0 72.0#
63 39.2 26.5 39.7

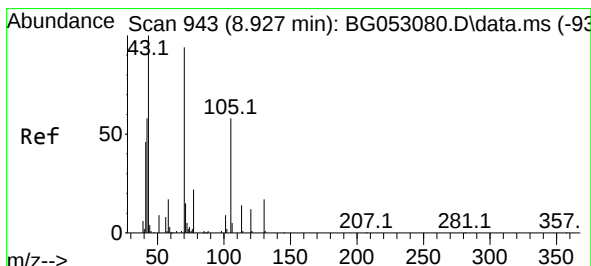
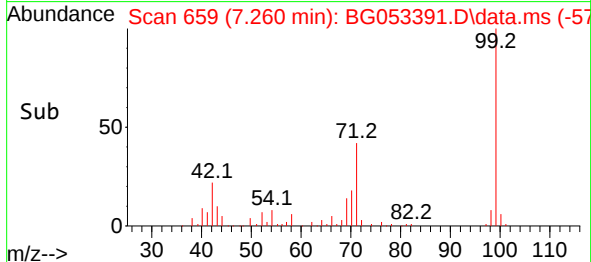
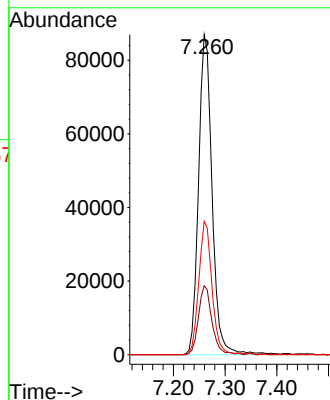
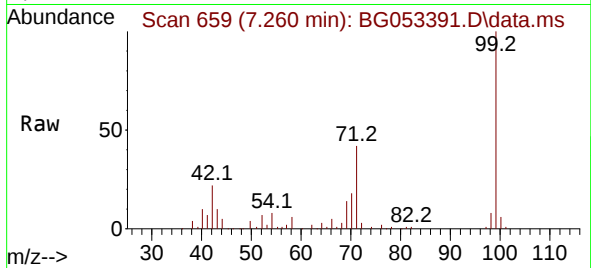




#7
Phenol-d6
Concen: 90.571 ng
RT: 7.260 min Scan# 61
Delta R.T. -0.014 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

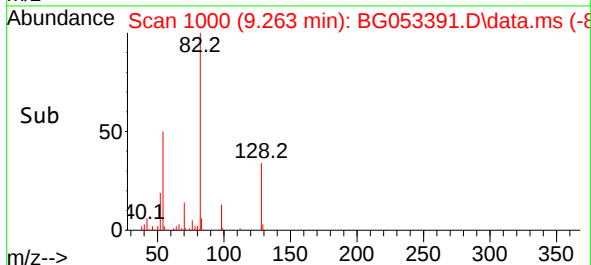
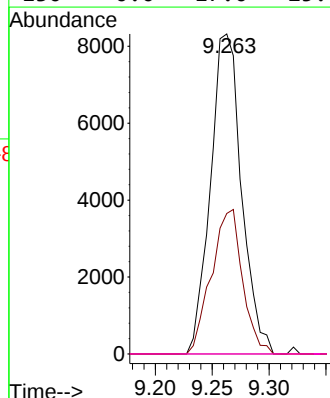
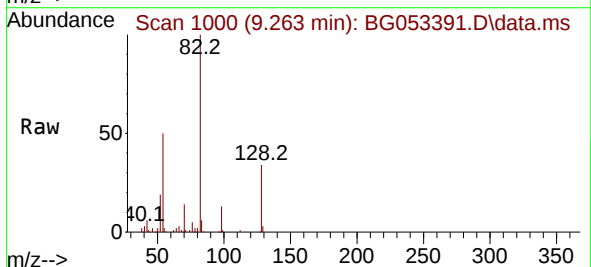
Instrument :
BNA_G
ClientSampleId :
WC-1

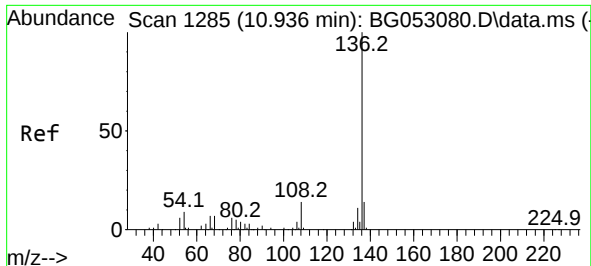
Tgt Ion: 99 Resp: 158167
Ion Ratio Lower Upper
99 100
42 21.6 14.7 22.1
71 41.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.379 ng
RT: 9.263 min Scan# 1000
Delta R.T. 0.350 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion: 70 Resp: 15826
Ion Ratio Lower Upper
70 100
42 43.9 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

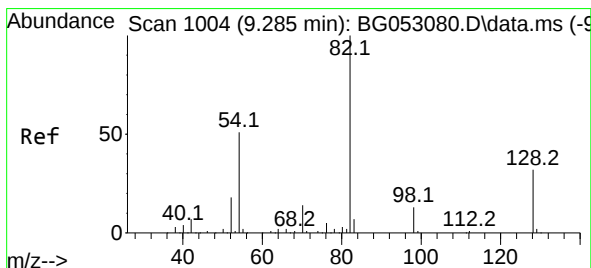
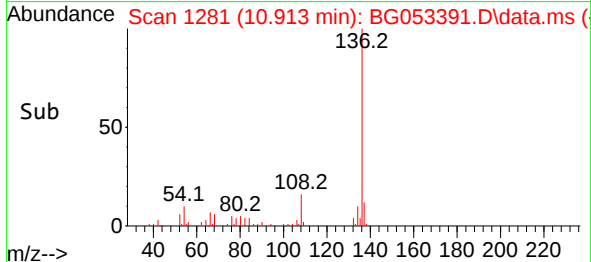
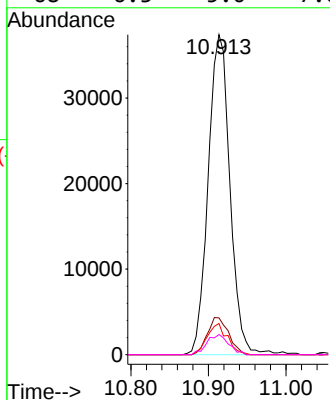
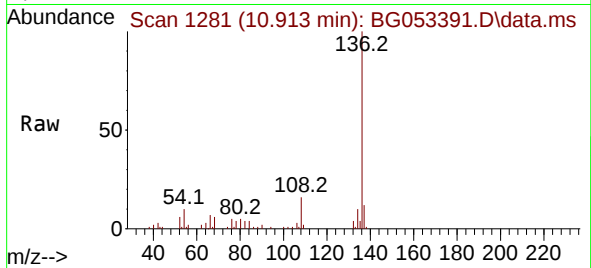




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 11
Delta R.T. -0.008 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

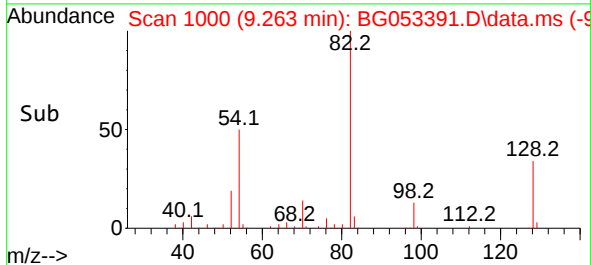
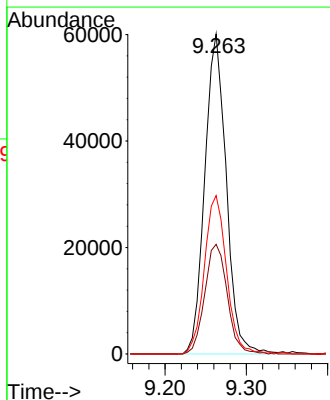
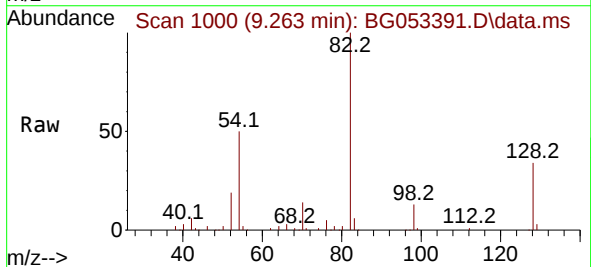
Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:	136	Resp:	72936
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.4	14.2
54	9.8	6.4	9.6#
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 61.402 ng
RT: 9.263 min Scan# 1000
Delta R.T. -0.014 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion:	82	Resp:	110296
Ion Ratio	Lower	Upper	
82	100		
128	34.3	31.3	46.9
54	49.5	37.8	56.8

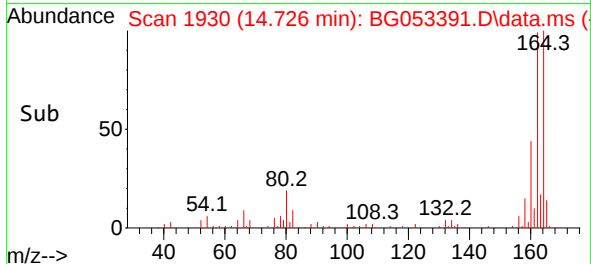
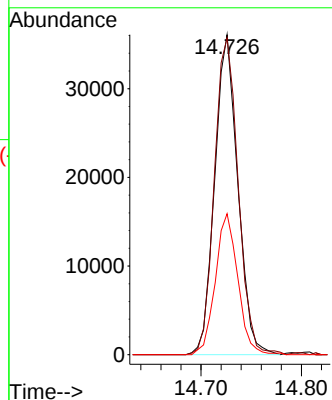
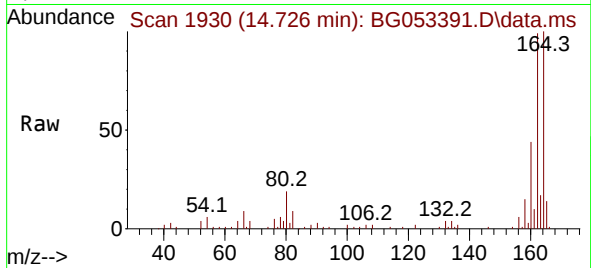




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.008 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

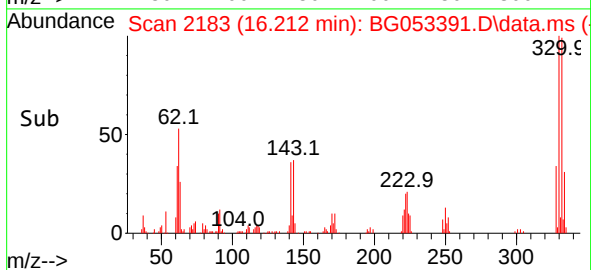
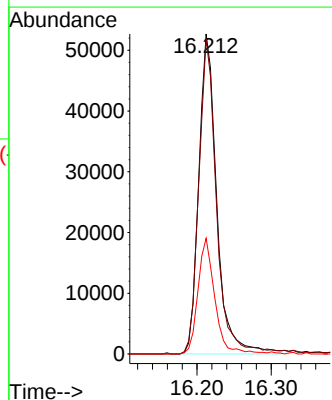
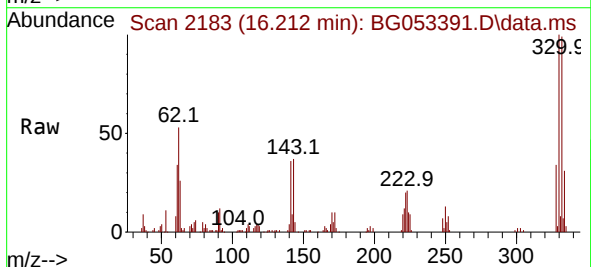
Instrument :
BNA_G
ClientSampleId :
WC-1

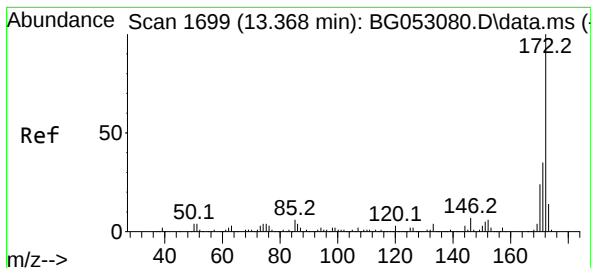
Tgt Ion:164 Resp: 57551
Ion Ratio Lower Upper
164 100
162 99.0 80.0 120.0
160 44.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 97.126 ng
RT: 16.212 min Scan# 2183
Delta R.T. -0.014 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion:330 Resp: 88930
Ion Ratio Lower Upper
330 100
332 97.7 75.8 113.6
141 33.8 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 60.276 ng

RT: 13.345 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG053391.D

Acq: 30 Apr 2022 00:07

Instrument :

BNA_G

ClientSampleId :

WC-1

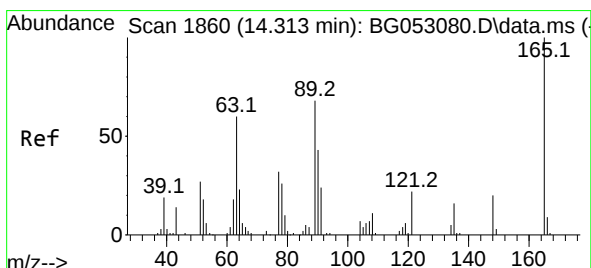
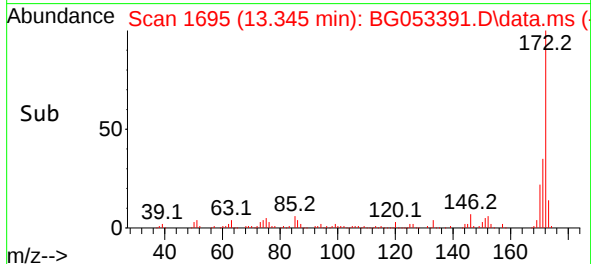
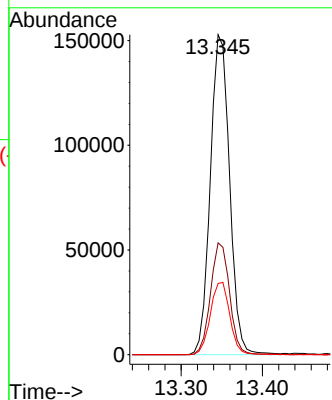
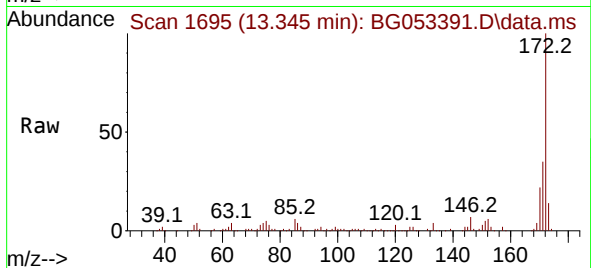
Tgt Ion:172 Resp: 251574

Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.3 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.938 ng

RT: 14.726 min Scan# 1930

Delta R.T. 0.421 min

Lab File: BG053391.D

Acq: 30 Apr 2022 00:07

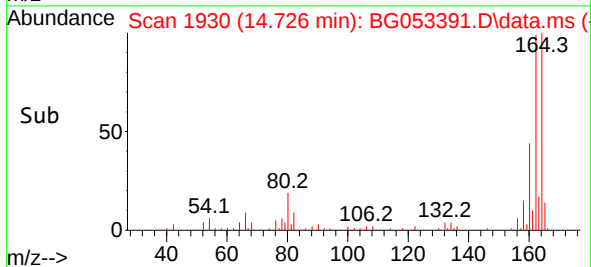
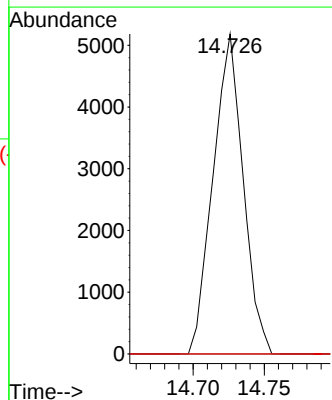
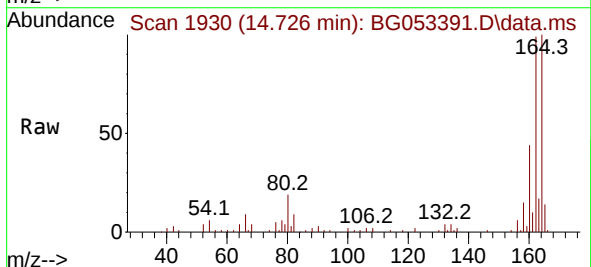
Tgt Ion:165 Resp: 7623

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#

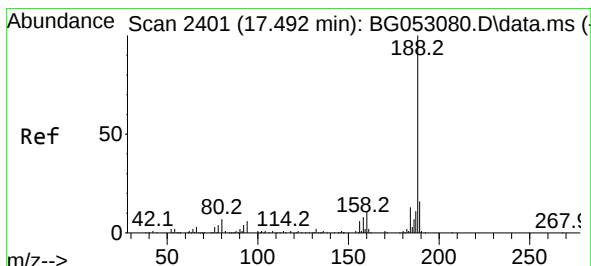
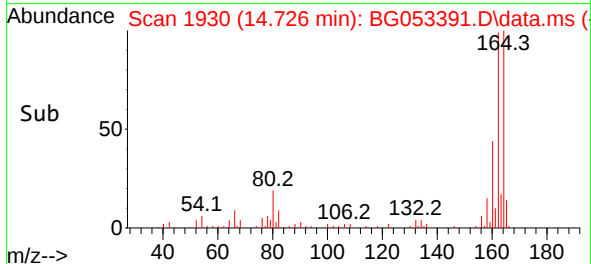
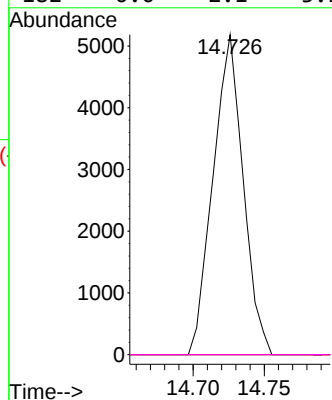
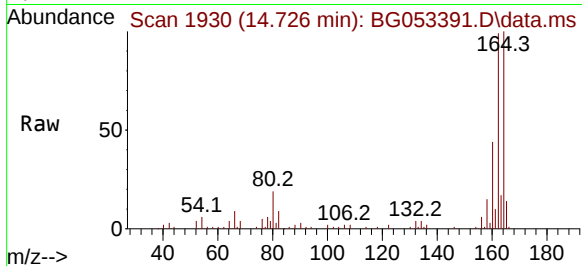




#57
2,4-Dinitrotoluene
Concen: 5.576 ng
RT: 14.726 min Scan# 1930
Delta R.T. -0.366 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

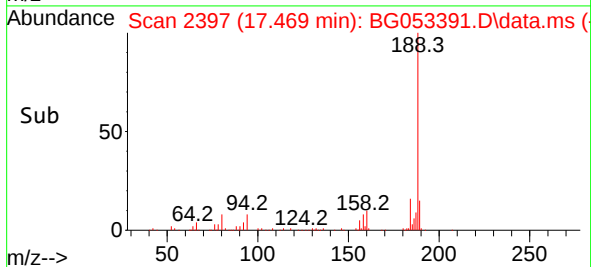
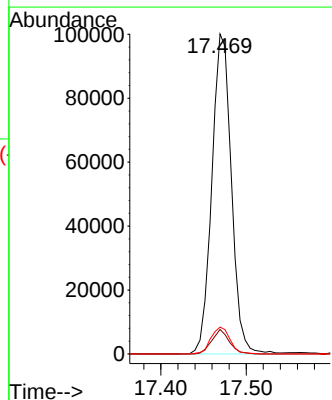
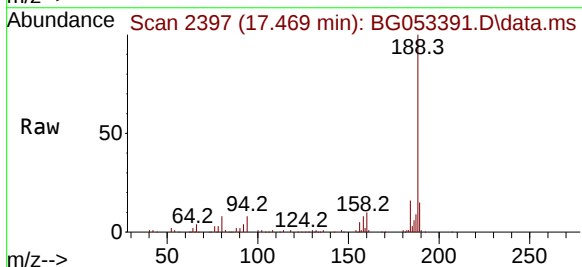
Instrument :
BNA_G
ClientSampleId :
WC-1

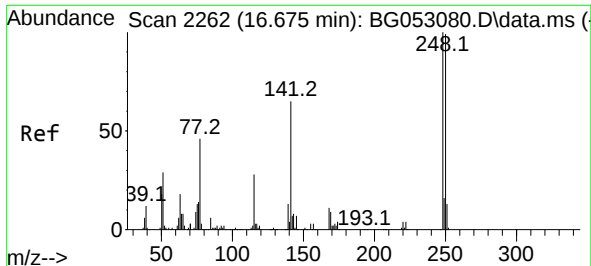
Tgt Ion:	165	Resp:	7623
Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.8	52.2#
89	0.0	57.4	86.0#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 2397
Delta R.T. -0.014 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion:	188	Resp:	159195
Ion	Ratio	Lower	Upper
188	100		
94	7.6	5.7	8.5
80	8.4	7.2	10.8

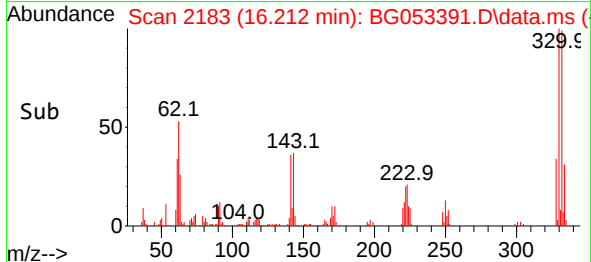
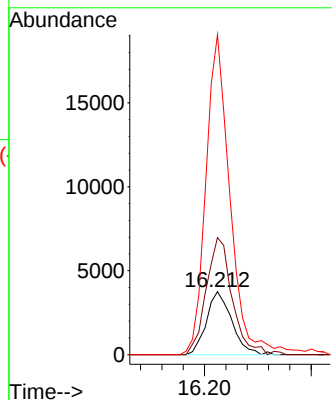
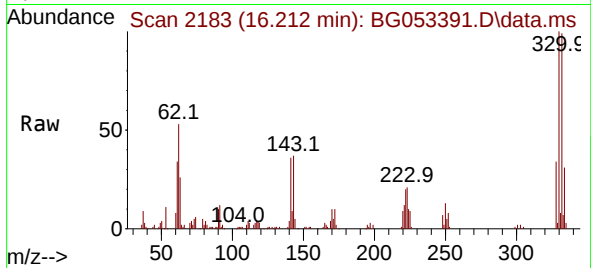




#67
4-Bromophenyl-phenylether
Concen: 3.043 ng
RT: 16.212 min Scan# 2118
Delta R.T. -0.449 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

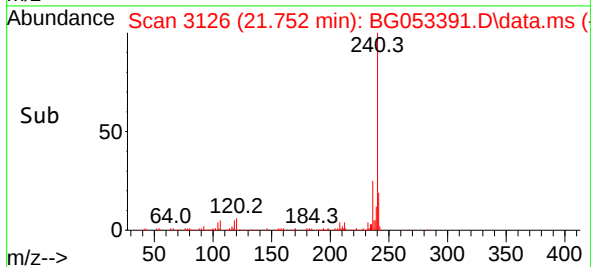
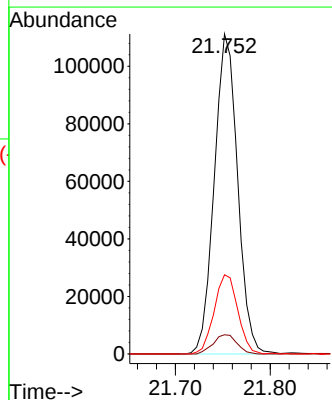
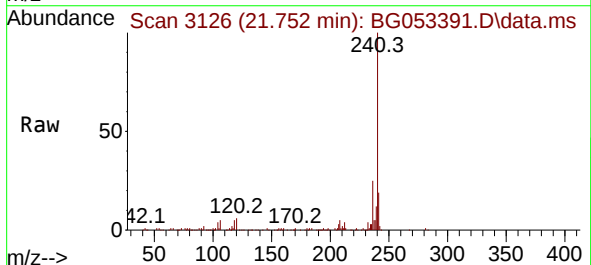
Instrument :
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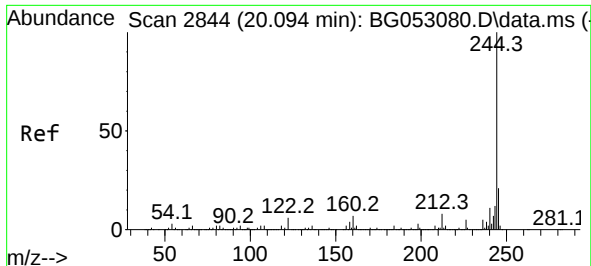
Tgt Ion:248 Resp: 6207
Ion Ratio Lower Upper
248 100
250 185.9 77.9 116.9#
141 507.7 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.752 min Scan# 3126
Delta R.T. -0.014 min
Lab File: BG053391.D
Acq: 30 Apr 2022 00:07

Tgt Ion:240 Resp: 189796
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 24.8 19.8 29.6

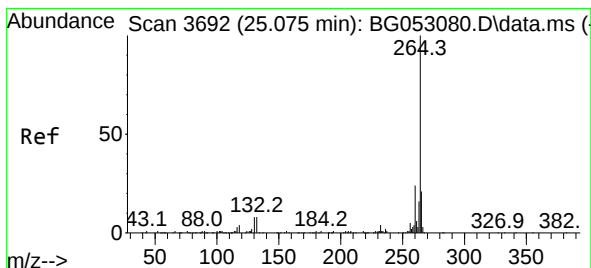
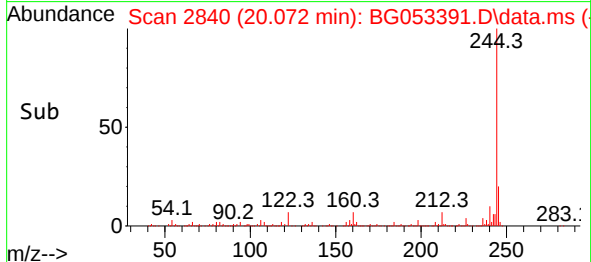
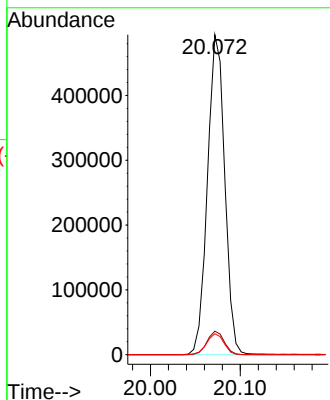
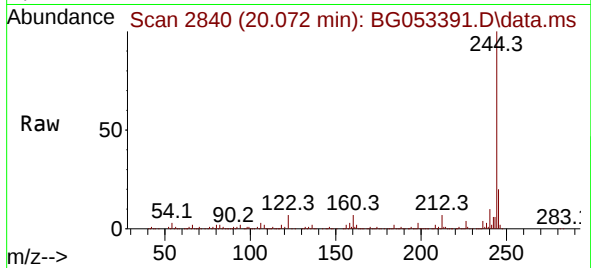




#79
 Terphenyl-d14
 Concen: 58.619 ng
 RT: 20.072 min Scan# 21
 Delta R.T. -0.014 min
 Lab File: BG053391.D
 Acq: 30 Apr 2022 00:07

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 658750
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 3687
 Delta R.T. -0.014 min
 Lab File: BG053391.D
 Acq: 30 Apr 2022 00:07

Tgt Ion:264 Resp: 195719
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 22.0 15.1 22.7

