

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053380.D
 Acq On : 29 Apr 2022 17:02
 Operator : CG/JU
 Sample : N2572-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-14S

Quant Time: May 02 01:03:07 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)

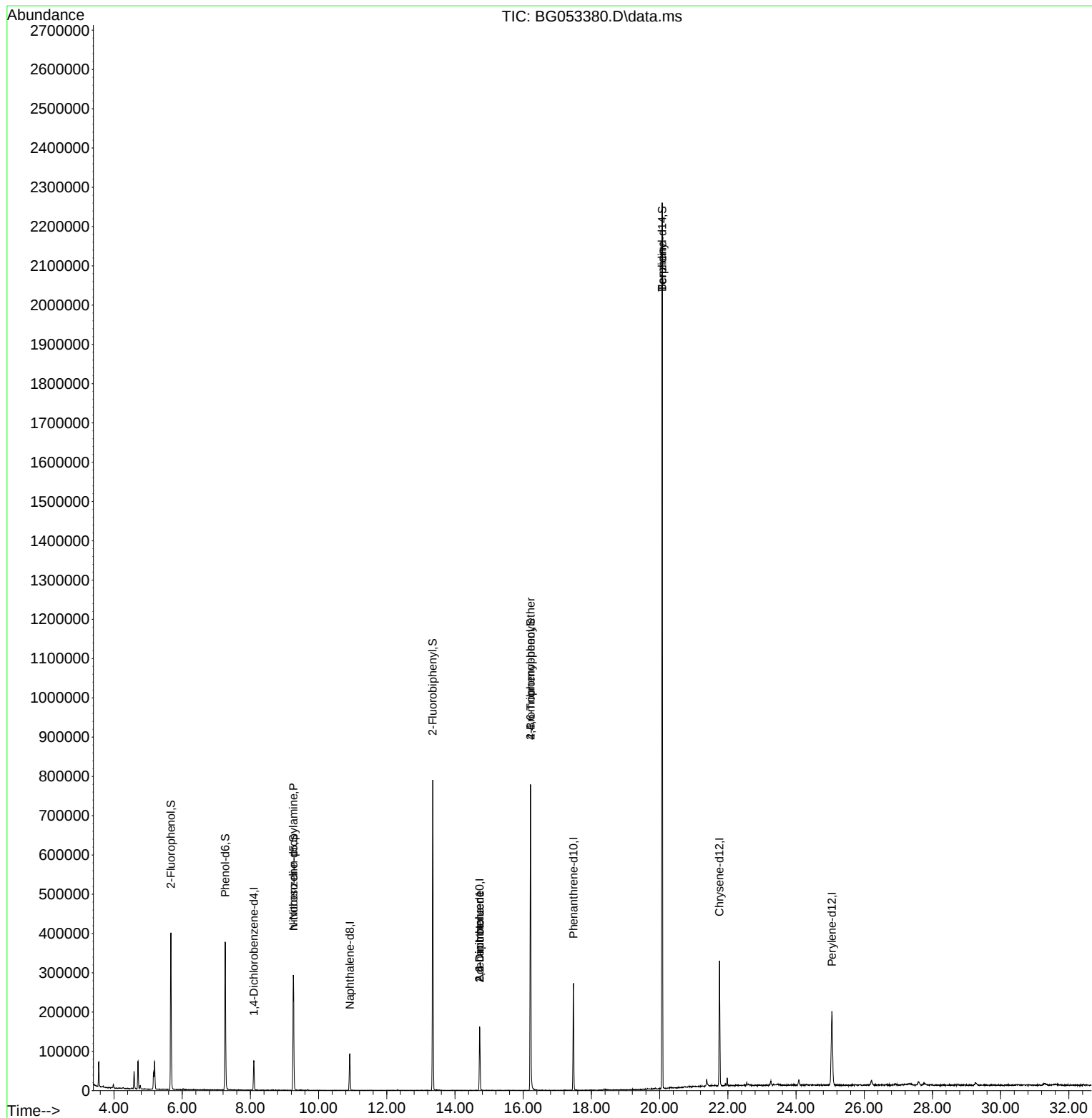
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	20179	20.000	ng	-0.01
21) Naphthalene-d8	10.916	136	80021	20.000	ng	# 0.00
39) Acenaphthene-d10	14.723	164	62726	20.000	ng	-0.01
64) Phenanthrene-d10	17.472	188	177368	20.000	ng	-0.01
76) Chrysene-d12	21.755	240	207400	20.000	ng	-0.01
86) Perylene-d12	25.050	264	204786	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.670	112	169932	144.355	ng	0.00
7) Phenol-d6	7.262	99	215527	118.726	ng	-0.01
23) Nitrobenzene-d5	9.260	82	192628	97.741	ng	-0.02
42) 2,4,6-Tribromophenol	16.215	330	161053	161.385	ng	-0.01
45) 2-Fluorobiphenyl	13.348	172	423757	93.154	ng	-0.01
79) Terphenyl-d14	20.074	244	1110785	90.454	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.260	70	26759	20.134	ng	# 78
51) 2,6-Dinitrotoluene	14.723	165	7957	7.602	ng	# 24
57) 2,4-Dinitrotoluene	14.723	165	7957	5.340	ng	# 22
67) 4-Bromophenyl-phenylether	16.215	248	10402	4.577	ng	# 1
77) Benzydine	20.074	184	18097	3.058	ng	# 92

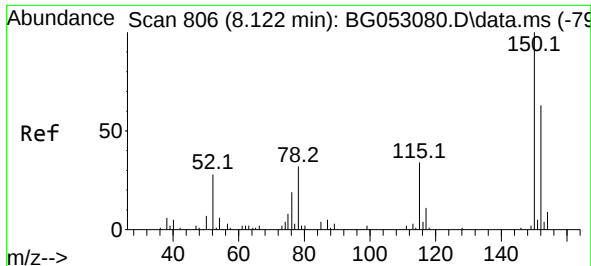
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
Data File : BG053380.D
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BNA_G
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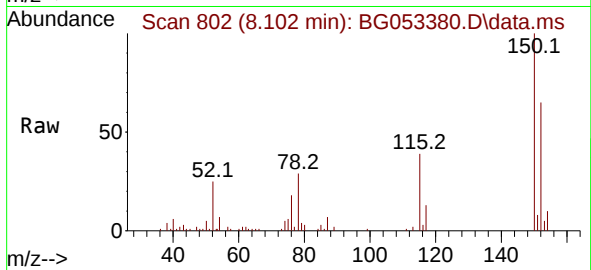
Quant Time: May 02 01:03:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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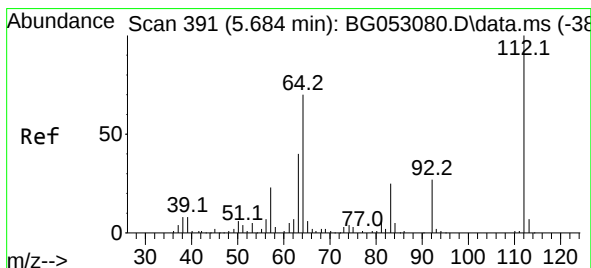
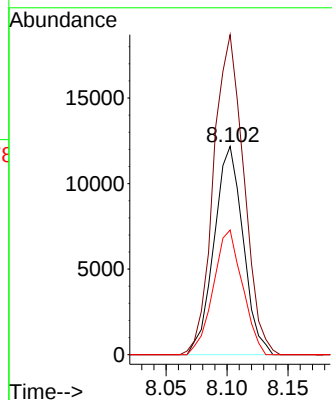
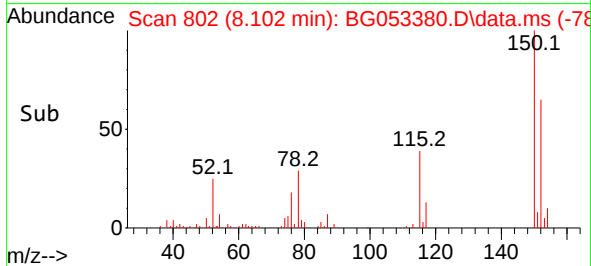


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.102 min Scan# 806
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Instrument :
BNA_G
ClientSampleId :
MH-14S

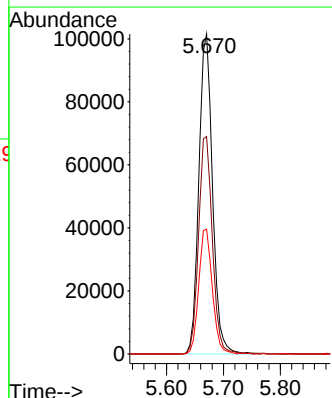
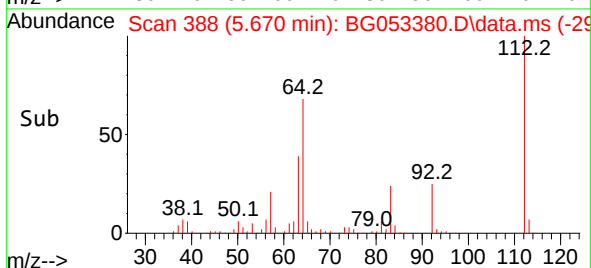
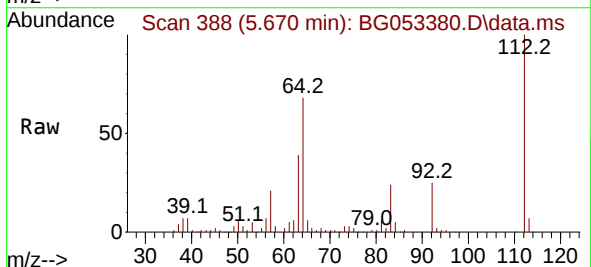


Tgt Ion:152 Resp: 20179
Ion Ratio Lower Upper
152 100
150 153.6 114.6 172.0
115 59.8 45.9 68.9



#5
2-Fluorophenol
Concen: 144.355 ng
RT: 5.670 min Scan# 388
Delta R.T. -0.005 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:112 Resp: 169932
Ion Ratio Lower Upper
112 100
64 67.9 48.0 72.0
63 39.0 26.5 39.7

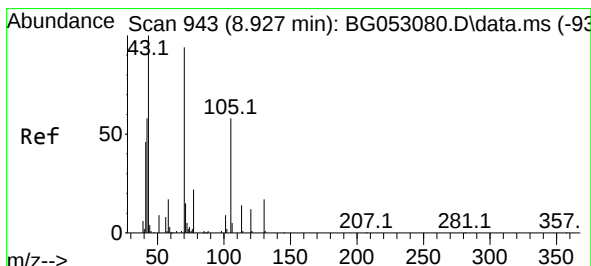
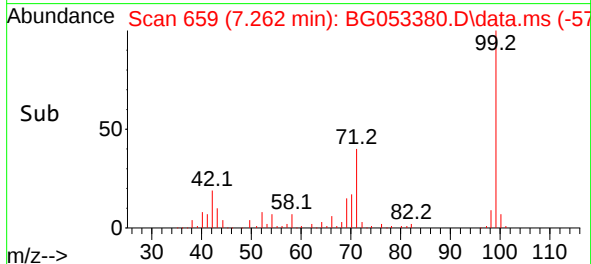
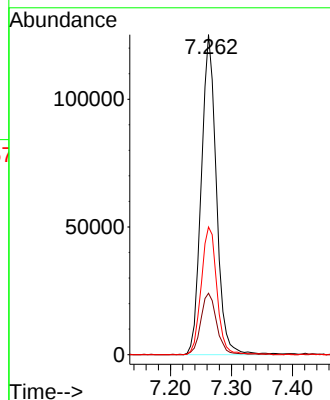
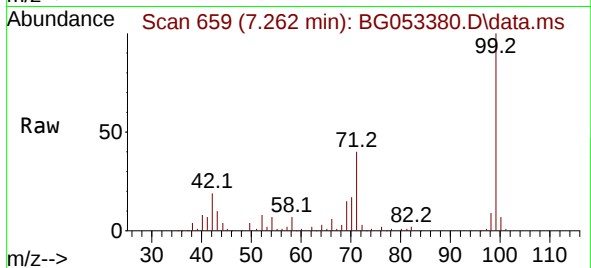




#7
Phenol-d6
Concen: 118.726 ng
RT: 7.262 min Scan# 611
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

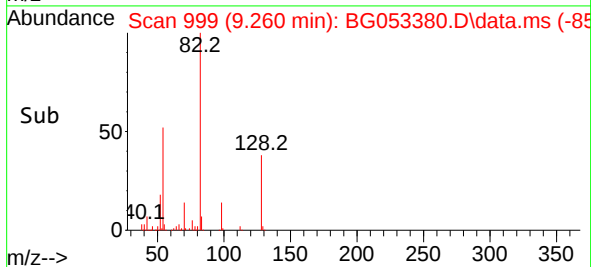
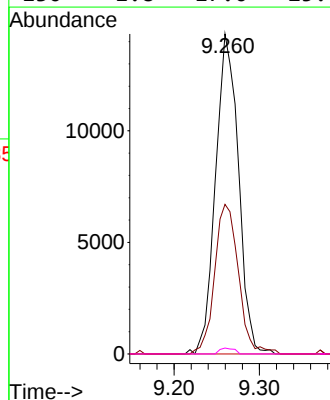
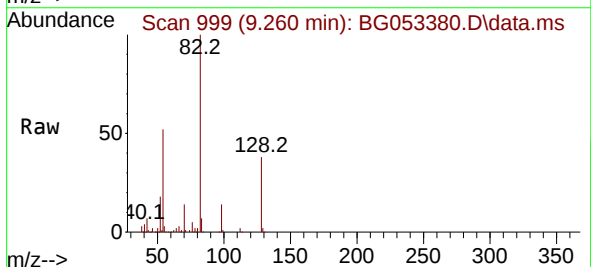
Instrument :
BNA_G
ClientSampleId :
MH-14S

Tgt Ion: 99 Resp: 215527
Ion Ratio Lower Upper
99 100
42 19.2 14.7 22.1
71 39.9 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 20.134 ng
RT: 9.260 min Scan# 999
Delta R.T. 0.347 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion: 70 Resp: 26759
Ion Ratio Lower Upper
70 100
42 46.8 46.0 69.0
101 0.0 6.2 9.4#
130 1.8 17.0 25.4#

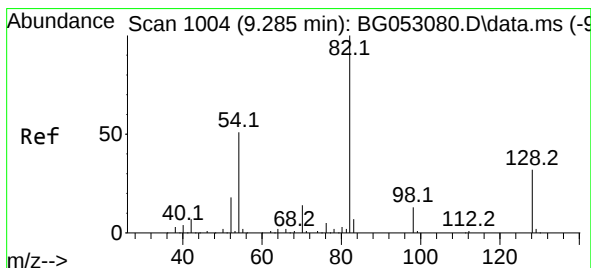
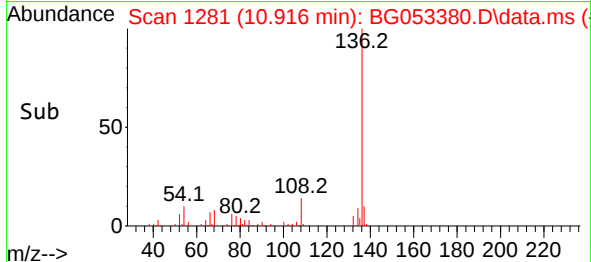
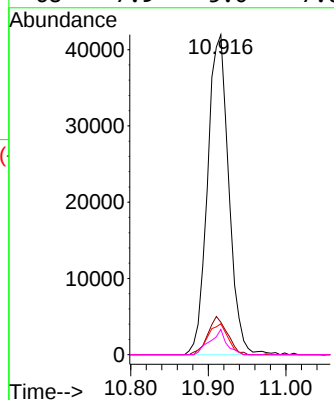
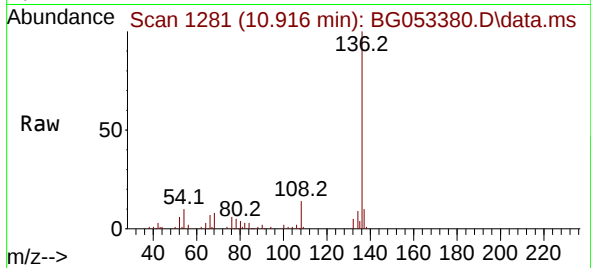




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

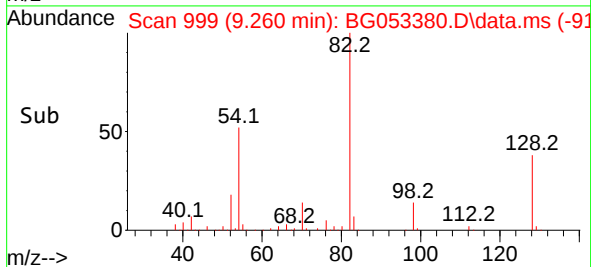
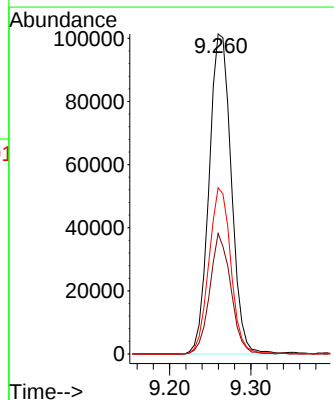
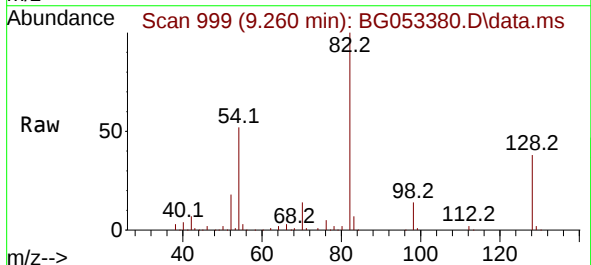
Instrument :
BNA_G
ClientSampleId :
MH-14S

Tgt Ion:136	Resp:	80021
Ion Ratio	Lower	Upper
136	100	
137	10.2	9.4 14.2
54	9.7	6.4 9.6#
68	7.9	5.0 7.6#



#23
Nitrobenzene-d5
Concen: 97.741 ng
RT: 9.260 min Scan# 999
Delta R.T. -0.017 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion: 82	Resp:	192628
Ion Ratio	Lower	Upper
82	100	
128	37.7	31.3 46.9
54	51.9	37.8 56.8

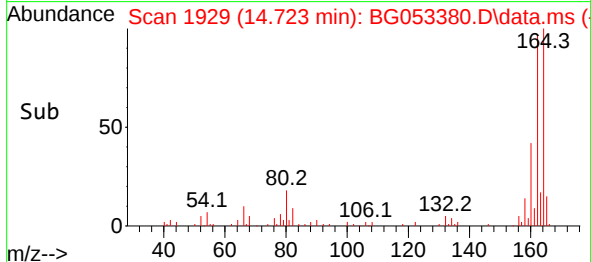
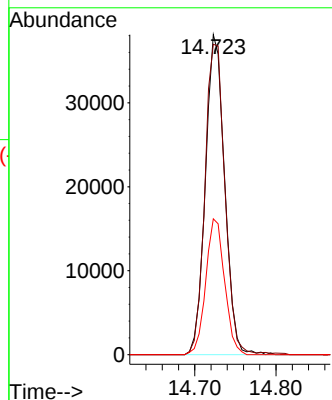
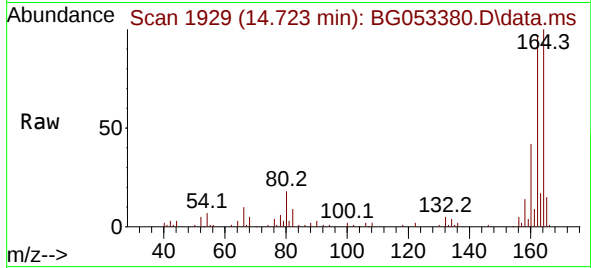




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.723 min Scan# 1934
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

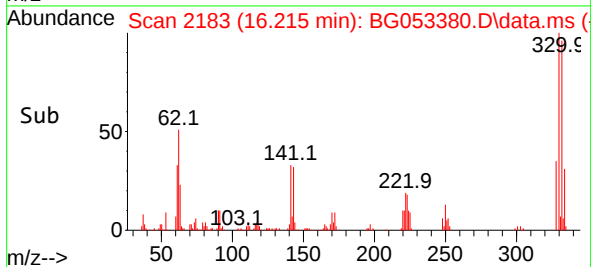
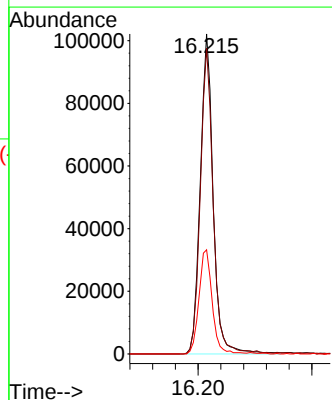
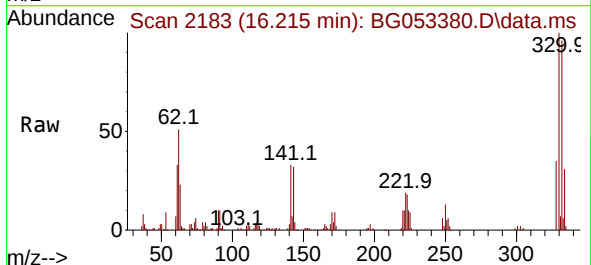
Instrument :
BNA_G
ClientSampleId :
MH-14S

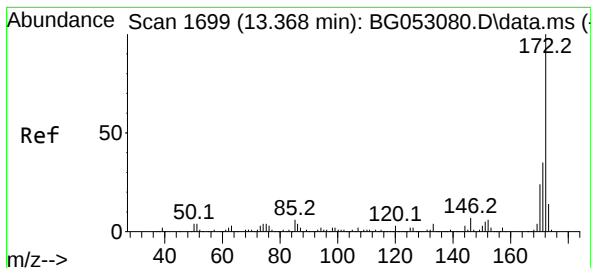
Tgt Ion:164 Resp: 62726
Ion Ratio Lower Upper
164 100
162 97.0 80.0 120.0
160 42.5 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 161.385 ng
RT: 16.215 min Scan# 2183
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:330 Resp: 161053
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 33.4 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 93.154 ng

RT: 13.348 min Scan# 1

Delta R.T. -0.011 min

Lab File: BG053380.D

Acq: 29 Apr 2022 17:02

Instrument :

BNA_G

ClientSampleId :

MH-14S

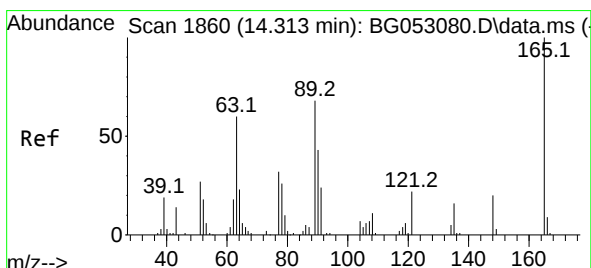
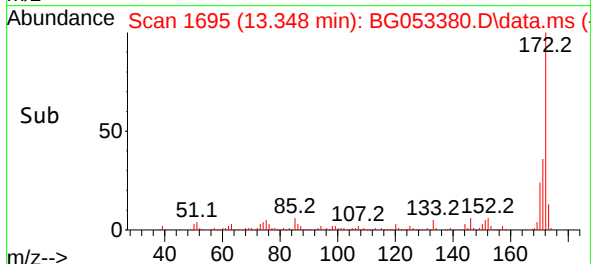
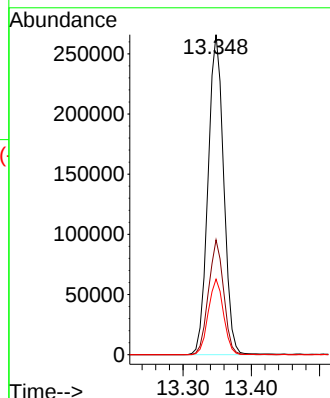
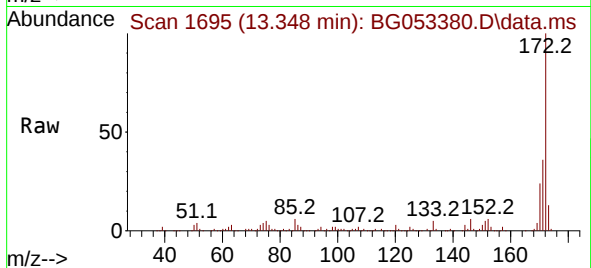
Tgt Ion:172 Resp: 423757

Ion Ratio Lower Upper

172 100

171 35.9 28.3 42.5

170 23.6 18.0 27.0



#51

2,6-Dinitrotoluene

Concen: 7.602 ng

RT: 14.723 min Scan# 1929

Delta R.T. 0.418 min

Lab File: BG053380.D

Acq: 29 Apr 2022 17:02

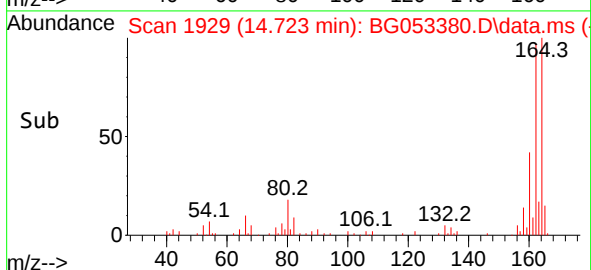
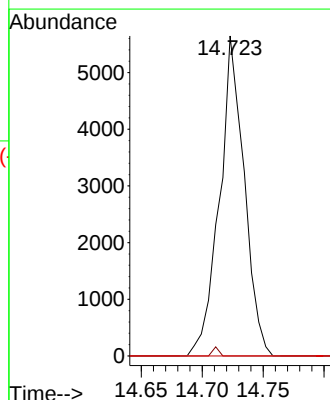
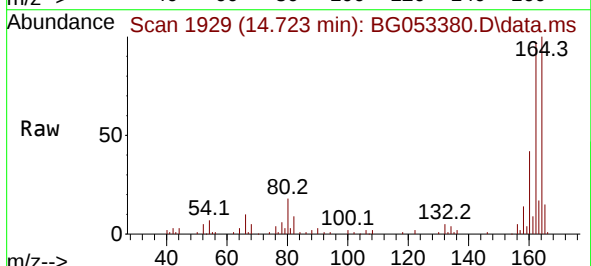
Tgt Ion:165 Resp: 7957

Ion Ratio Lower Upper

165 100

63 0.0 43.7 65.5#

89 0.0 45.0 67.4#

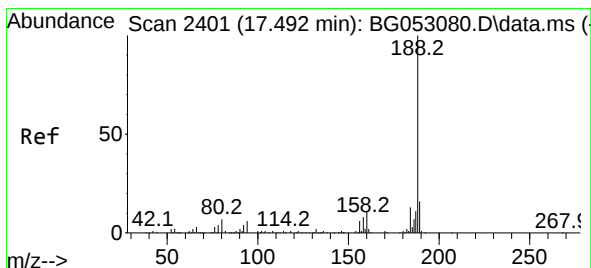
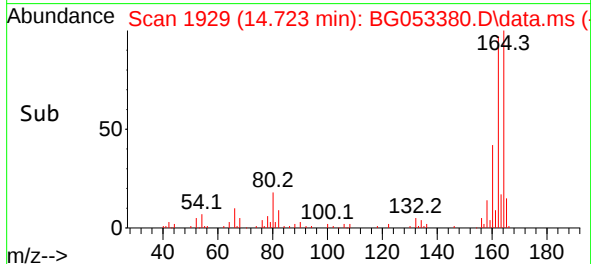
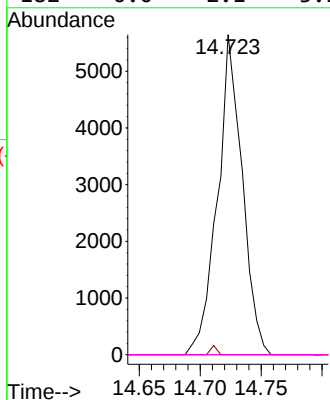
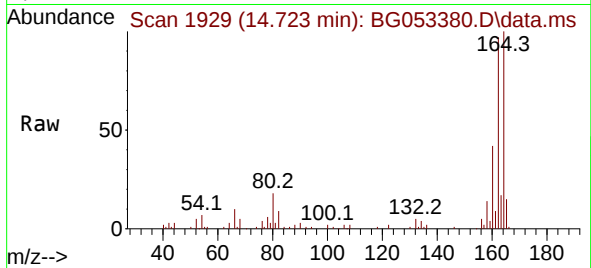




#57
2,4-Dinitrotoluene
Concen: 5.340 ng
RT: 14.723 min Scan# 1994
Delta R.T. -0.369 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

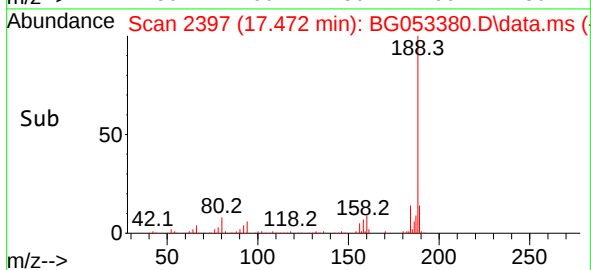
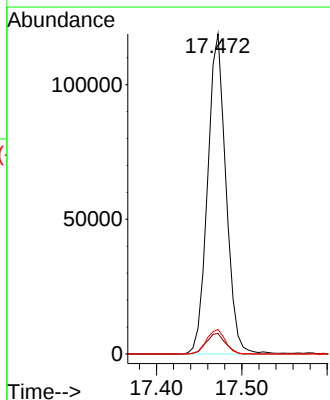
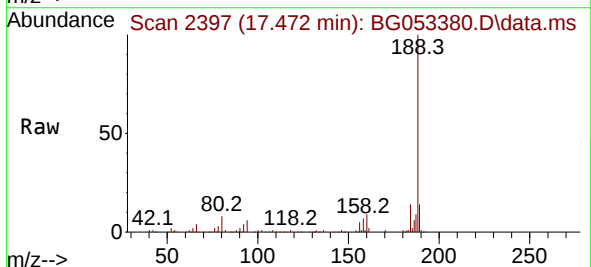
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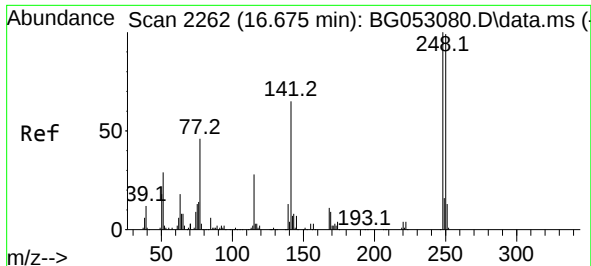
Tgt Ion:165 Resp: 7957
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.472 min Scan# 2397
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:188 Resp: 177368
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.7 7.2 10.8

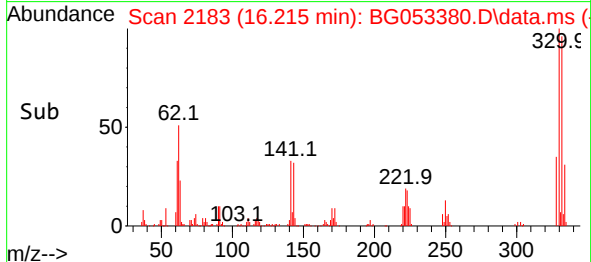
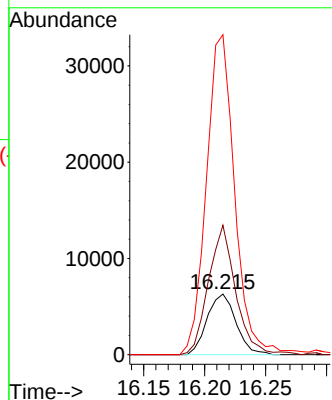
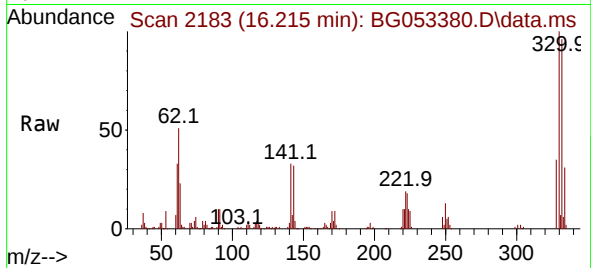




#67
4-Bromophenyl-phenylether
Concen: 4.577 ng
RT: 16.215 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

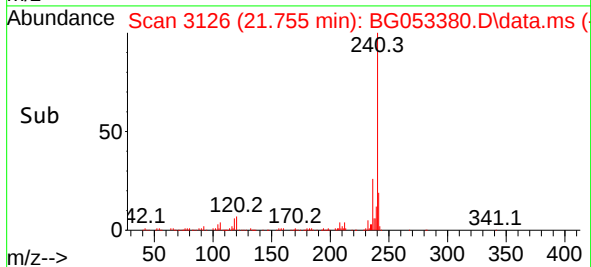
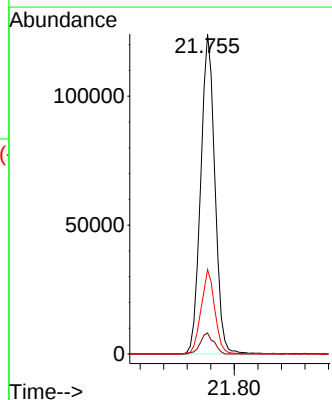
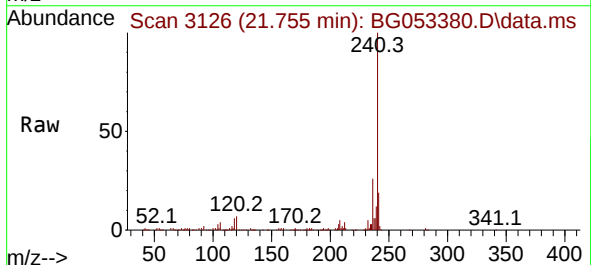
Instrument :
BNA_G
ClientSampleId :
MH-14S

Tgt Ion:248 Resp: 10402
Ion Ratio Lower Upper
248 100
250 213.4 77.9 116.9#
141 527.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.755 min Scan# 3126
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Tgt Ion:240 Resp: 207400
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.3 19.8 29.6

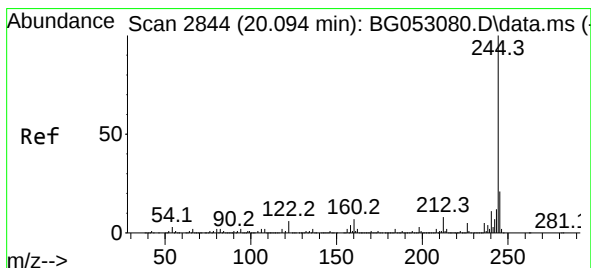
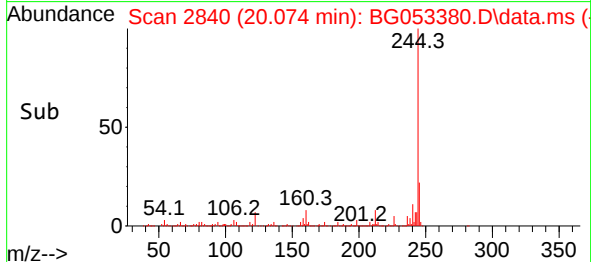
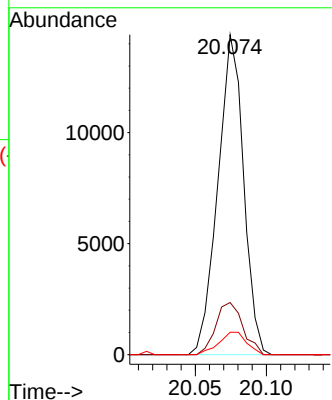
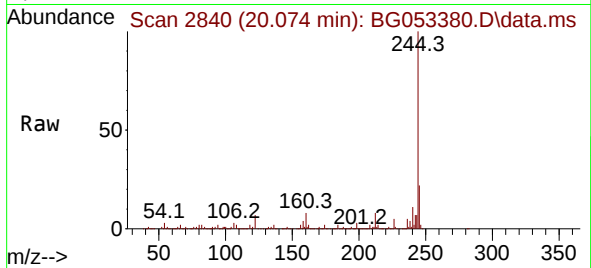




#77
Benzidine
Concen: 3.058 ng
RT: 20.074 min Scan# 2840
Delta R.T. 0.371 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

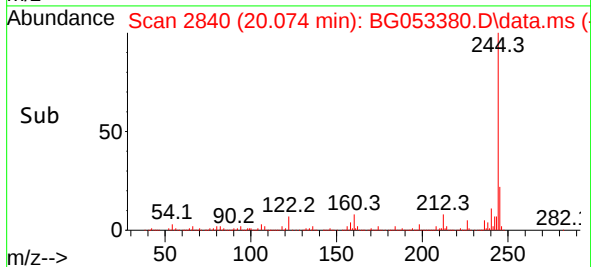
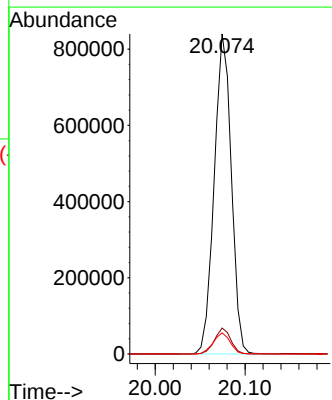
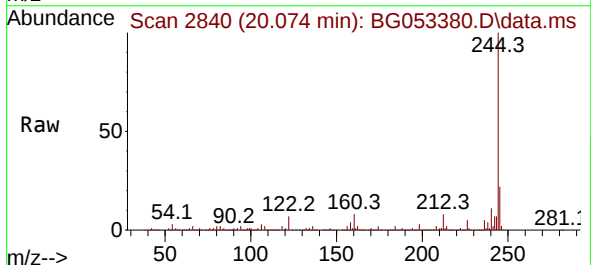
Instrument :
BNA_G
ClientSampleId :
MH-14S

Tgt Ion:184 Resp: 18097
Ion Ratio Lower Upper
184 100
185 16.3 11.5 17.3
183 7.0 9.4 14.2#



#79
Terphenyl-d14
Concen: 90.454 ng
RT: 20.074 min Scan# 2840
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

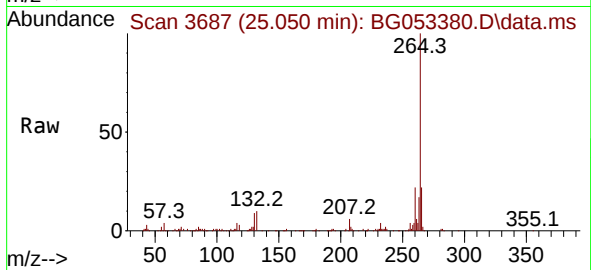
Tgt Ion:244 Resp: 1110785
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.6 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.050 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG053380.D
Acq: 29 Apr 2022 17:02

Instrument :
BNA_G
ClientSampleId :
MH-14S



Tgt Ion:264 Resp: 204786

Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.2	27.2
265	22.0	15.1	22.7

