

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042622\
 Data File : BG053323.D
 Acq On : 26 Apr 2022 16:55
 Operator : CG/JU
 Sample : N2548-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-8S

Quant Time: Apr 27 03:37:30 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	8.110	152	21783	20.000	ng	0.00
21) Naphthalene-d8	10.918	136	85528	20.000	ng	# 0.00
39) Acenaphthene-d10	14.731	164	65374	20.000	ng	0.00
64) Phenanthrene-d10	17.474	188	183730	20.000	ng	0.00
76) Chrysene-d12	21.756	240	218818	20.000	ng	0.00
86) Perylene-d12	25.052	264	219389	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.672	112	166804	131.264	ng	0.00
7) Phenol-d6	7.270	99	213183	108.787	ng	0.00
23) Nitrobenzene-d5	9.267	82	182971	86.863	ng	0.00
42) 2,4,6-Tribromophenol	16.217	330	153983	148.050	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	397347	83.811	ng	0.00
79) Terphenyl-d14	20.076	244	1089102	84.060	ng	0.00

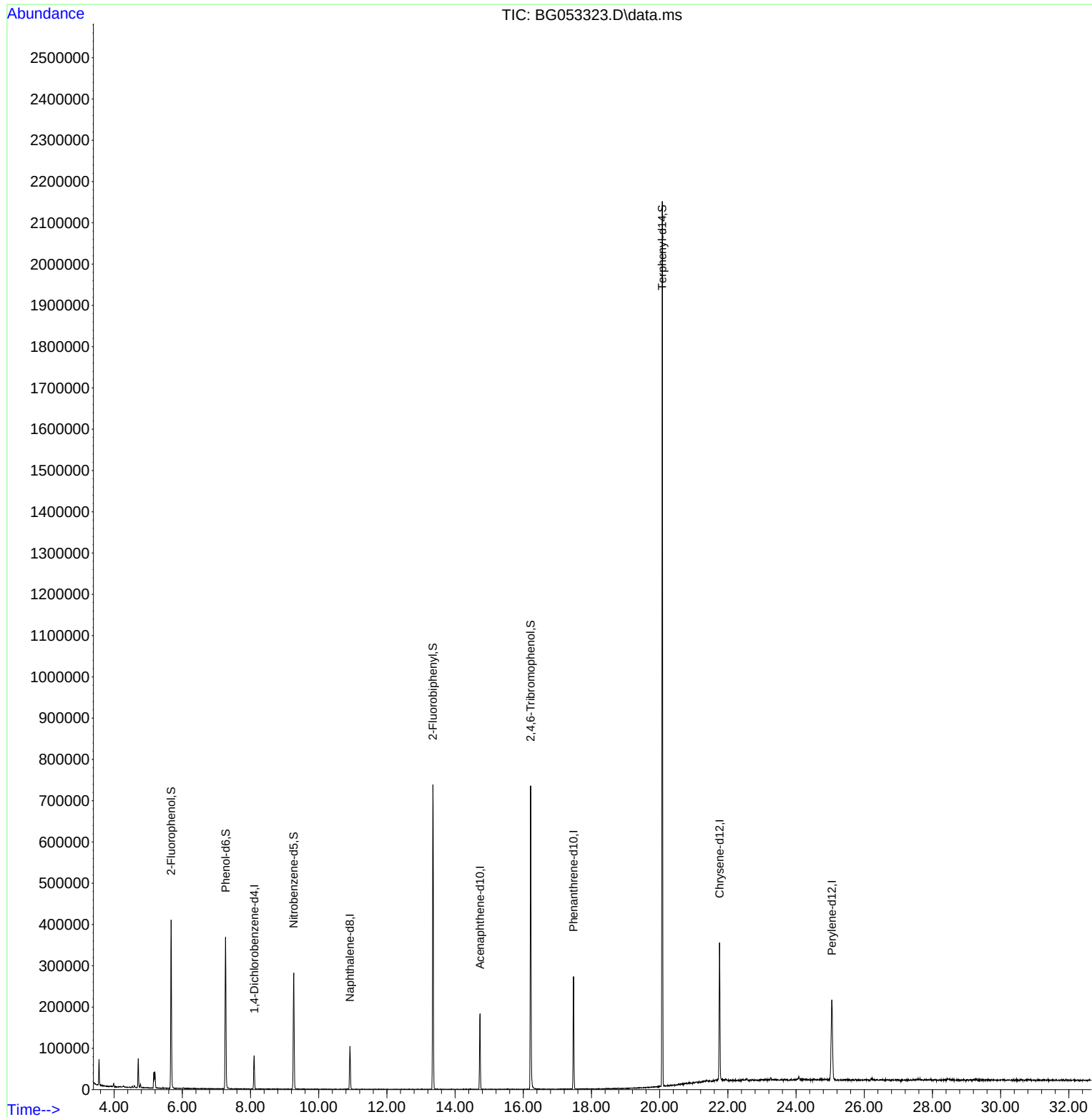
Target Compounds	Qvalue

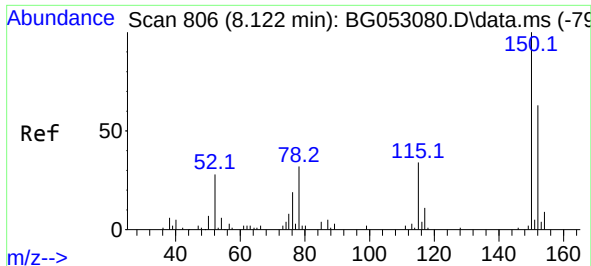
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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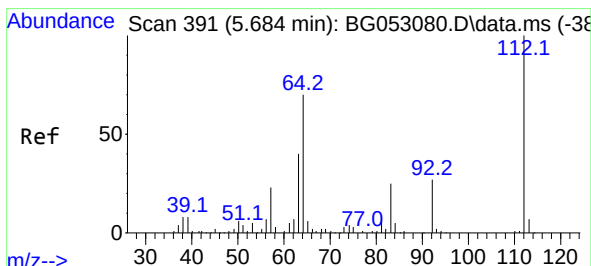
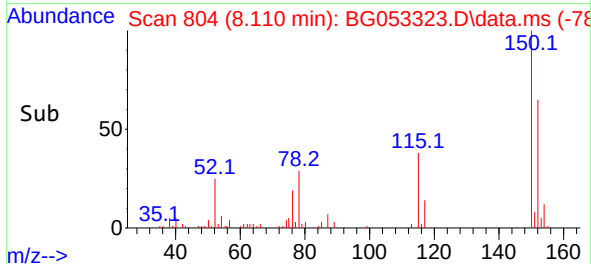
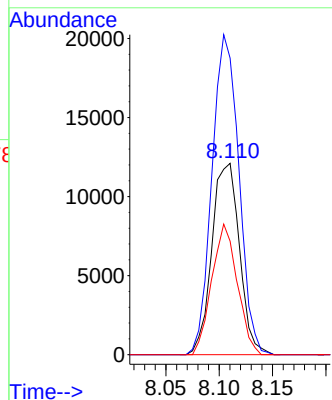
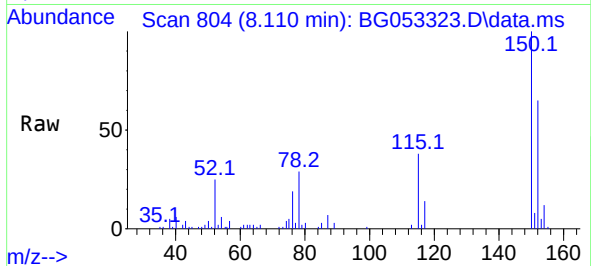




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 80
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

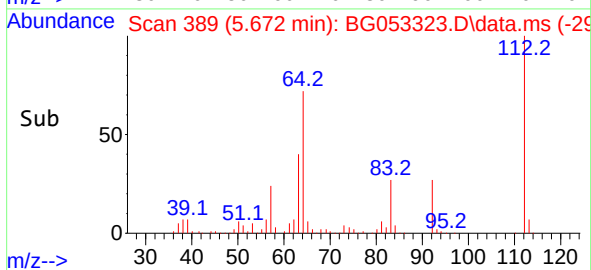
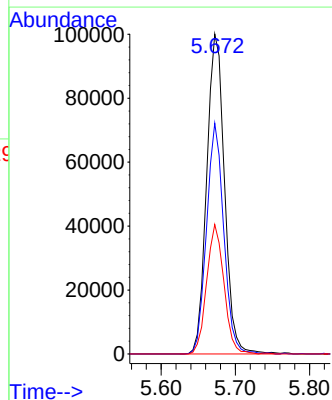
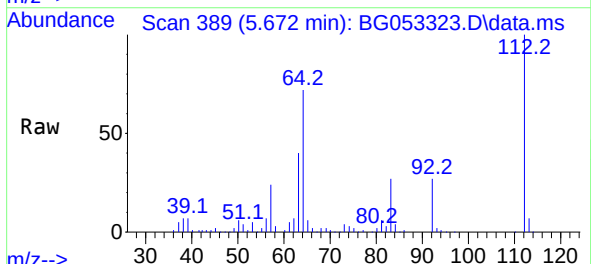
Instrument :
BNA_G
ClientSampleId :
MH-8S

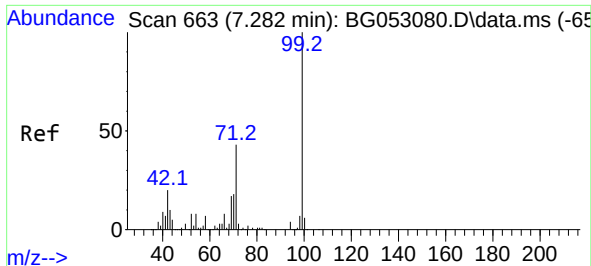
Tgt Ion:152 Resp: 21783
Ion Ratio Lower Upper
152 100
150 154.9 114.6 172.0
115 59.3 45.9 68.9



#5
2-Fluorophenol
Concen: 131.264 ng
RT: 5.672 min Scan# 389
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:112 Resp: 166804
Ion Ratio Lower Upper
112 100
64 72.1 48.0 72.0#
63 40.5 26.5 39.7#

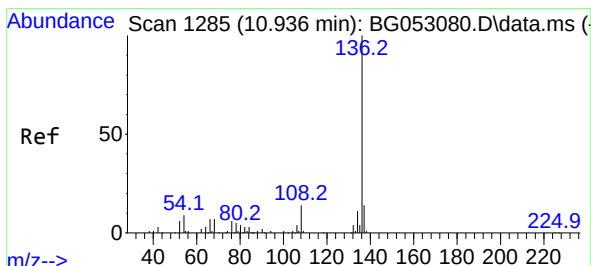
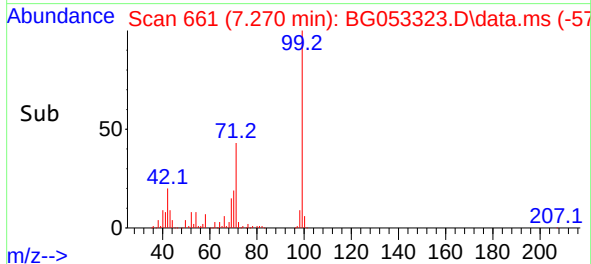
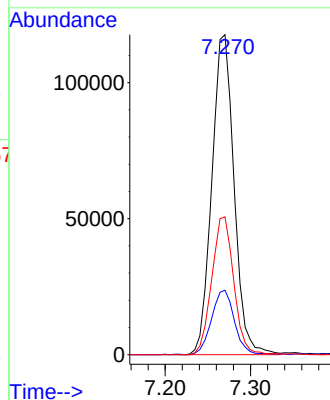
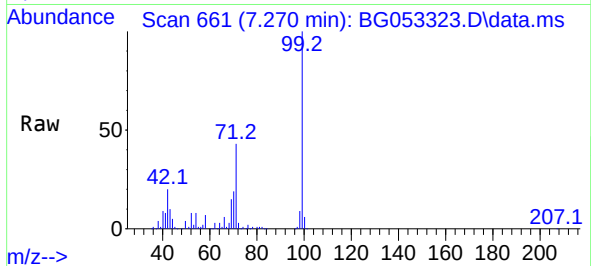




#7
Phenol-d6
Concen: 108.787 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

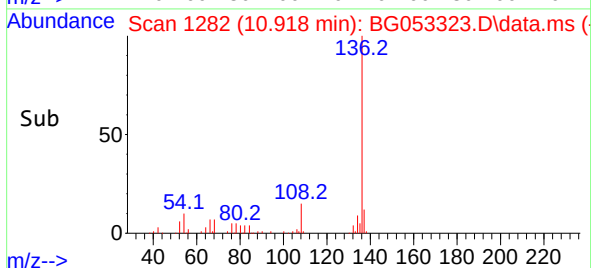
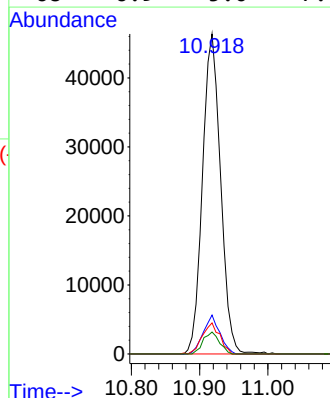
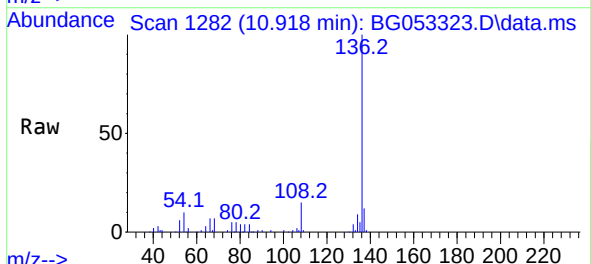
Instrument :
BNA_G
ClientSampleId :
MH-8S

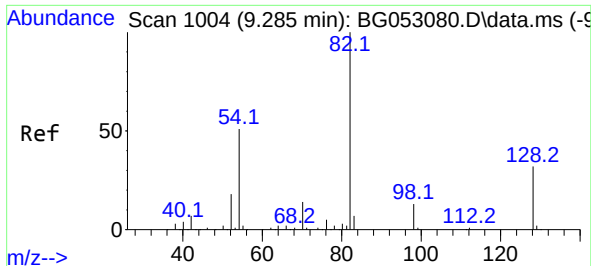
Tgt Ion: 99 Resp: 213183
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 43.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.918 min Scan# 1282
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion: 136 Resp: 85528
Ion Ratio Lower Upper
136 100
137 12.2 9.4 14.2
54 9.7 6.4 9.6#
68 6.9 5.0 7.6

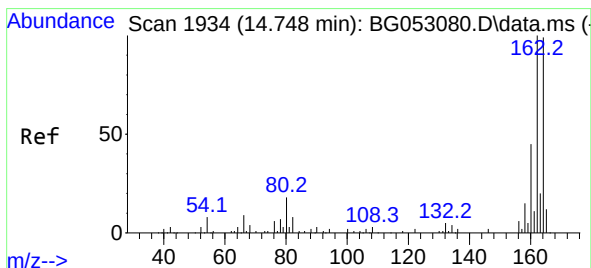
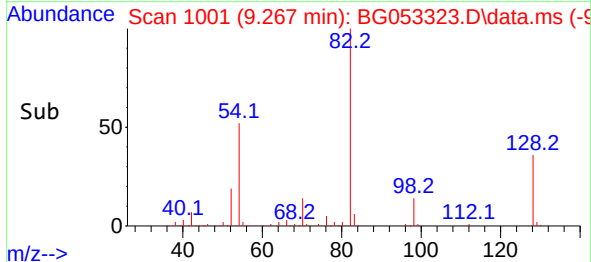
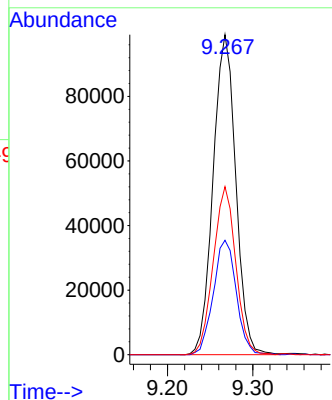
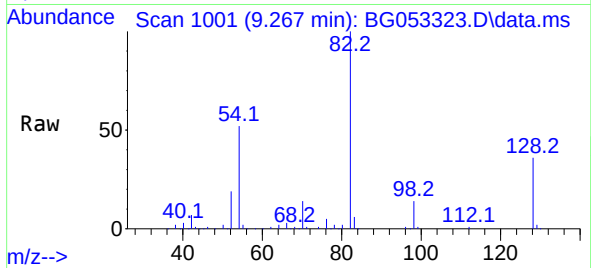




#23
Nitrobenzene-d5
Concen: 86.863 ng
RT: 9.267 min Scan# 1001
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

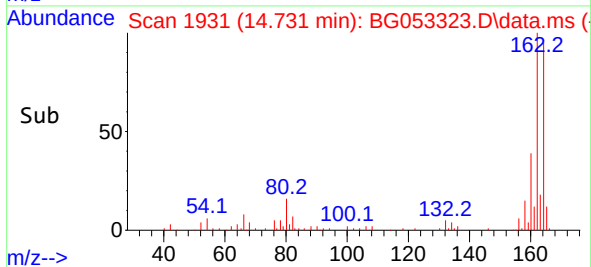
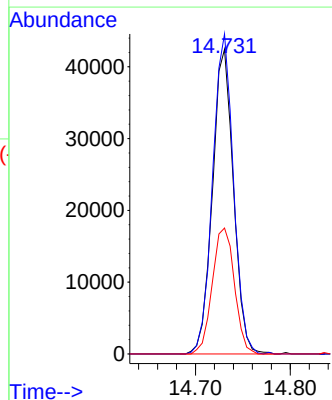
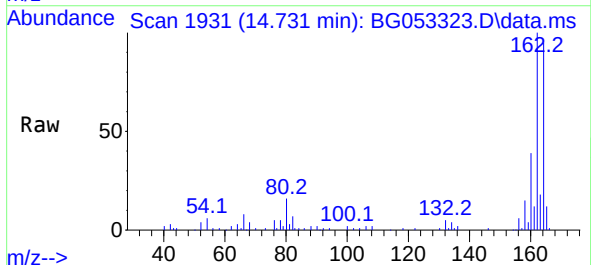
Instrument :
BNA_G
ClientSampleId :
MH-8S

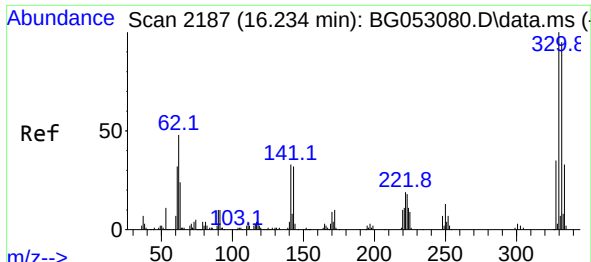
Tgt Ion: 82 Resp: 182971
Ion Ratio Lower Upper
82 100
128 35.8 31.3 46.9
54 52.5 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.731 min Scan# 1931
Delta R.T. -0.003 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:164 Resp: 65374
Ion Ratio Lower Upper
164 100
162 105.0 80.0 120.0
160 41.4 38.8 58.2

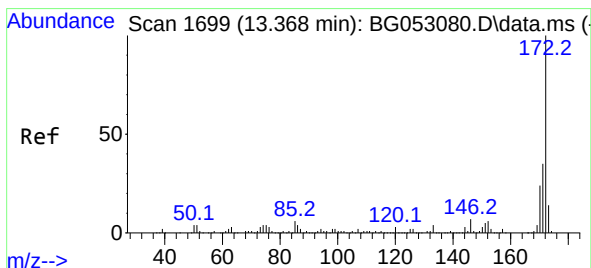
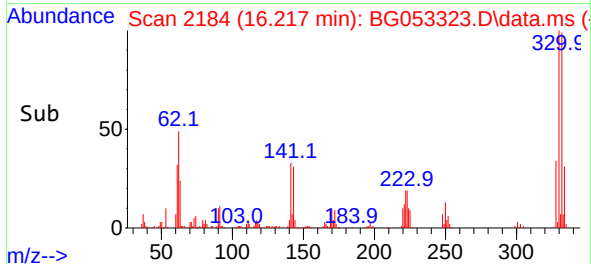
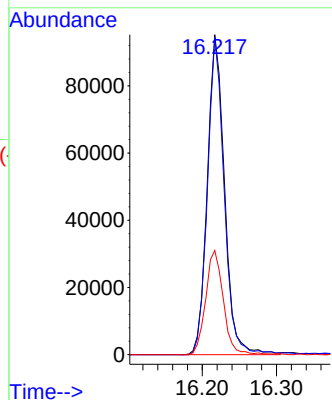
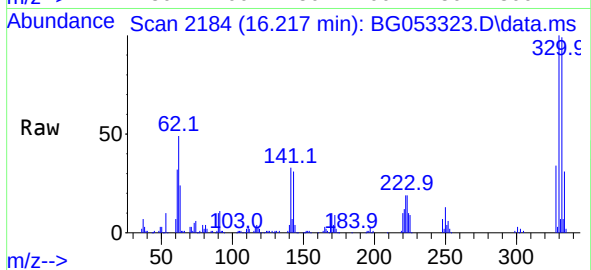




#42
2,4,6-Tribromophenol
Concen: 148.050 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

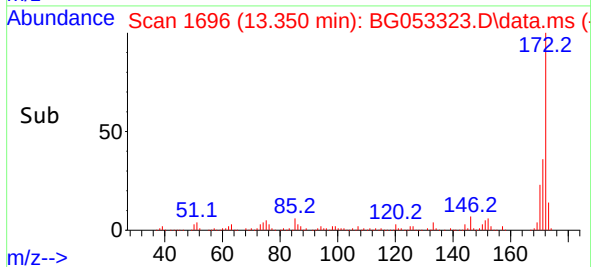
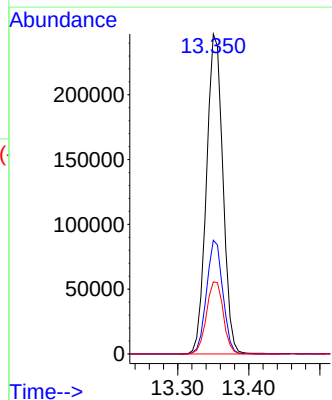
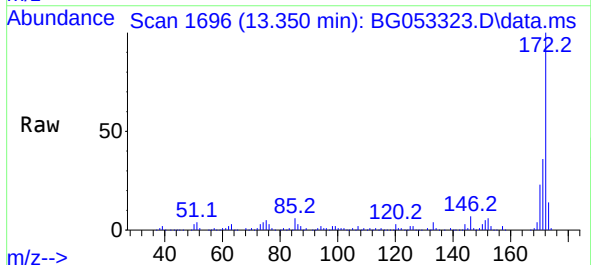
Instrument :
BNA_G
ClientSampleId :
MH-8S

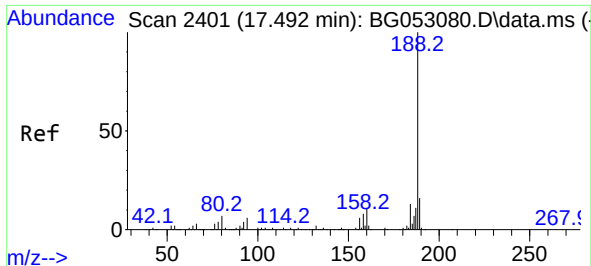
Tgt Ion:330 Resp: 153983
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 33.4 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 83.811 ng
RT: 13.350 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

Tgt Ion:172 Resp: 397347
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 22.5 18.0 27.0

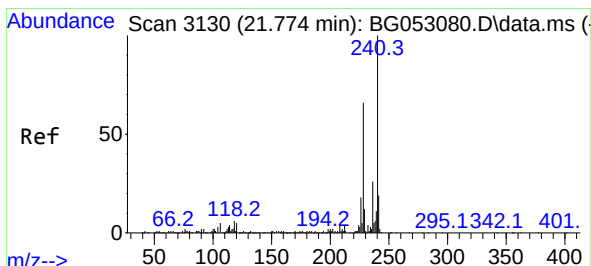
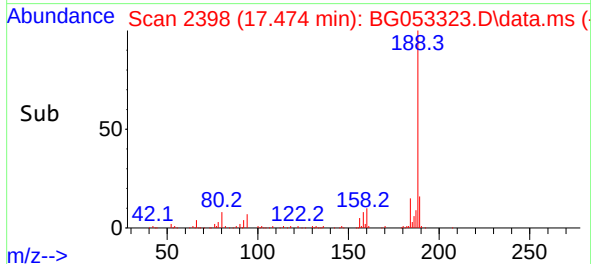
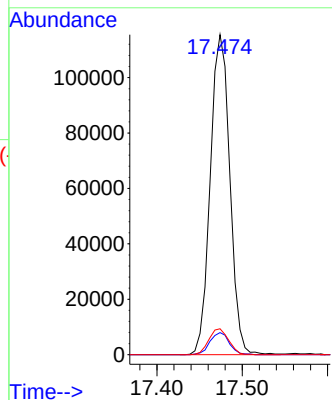
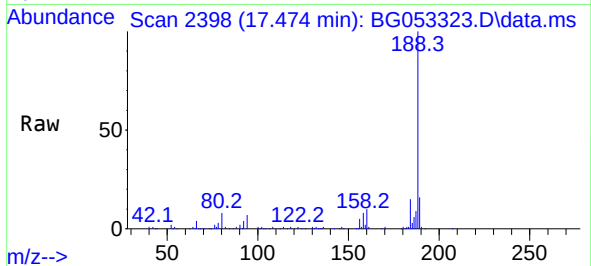




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.474 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

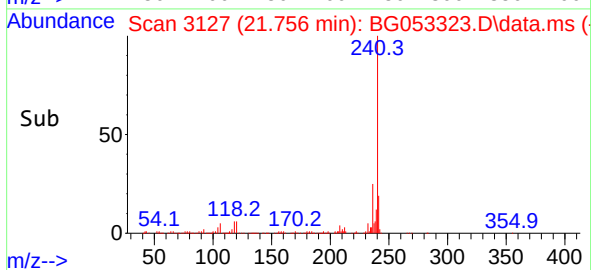
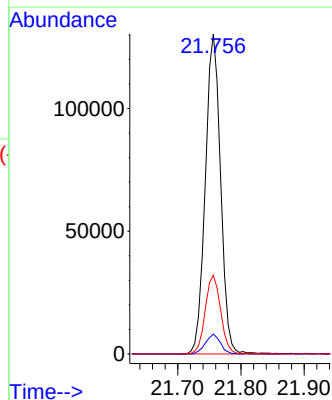
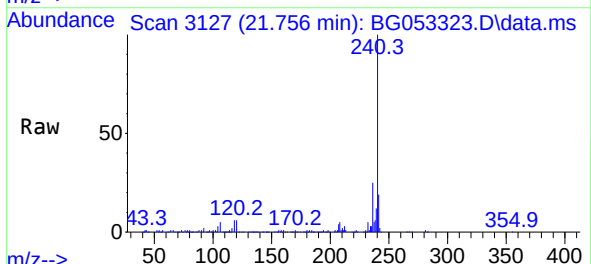
Instrument :
BNA_G
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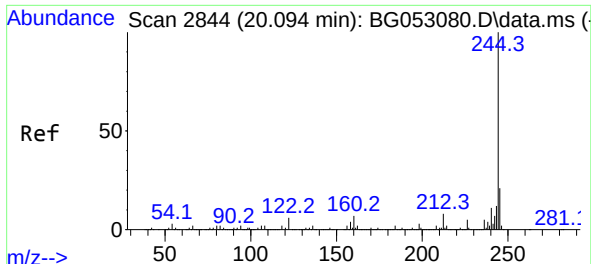
Tgt Ion:188 Resp: 183730
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053323.D
Acq: 26 Apr 2022 16:55

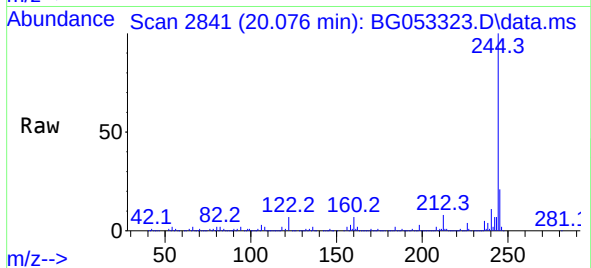
Tgt Ion:240 Resp: 218818
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 24.5 19.8 29.6



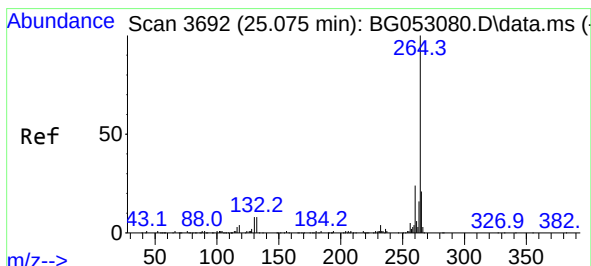
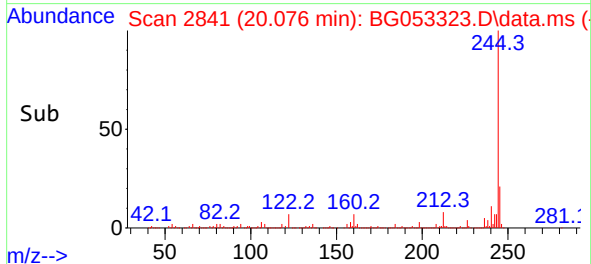
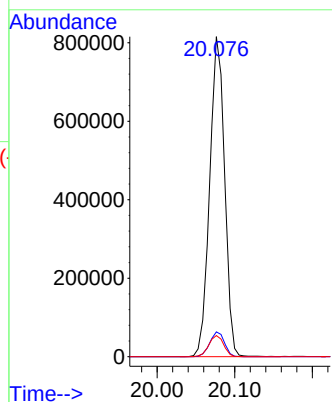


#79
 Terphenyl-d14
 Concen: 84.060 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053323.D
 Acq: 26 Apr 2022 16:55

Instrument :
 BNA_G
 ClientSampleId :
 MH-8S



Tgt Ion:244 Resp: 1089102
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 6.6 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053323.D
 Acq: 26 Apr 2022 16:55

Tgt Ion:264 Resp: 219389
 Ion Ratio Lower Upper
 264 100
 260 21.4 18.2 27.2
 265 19.6 15.1 22.7

