

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042222\
 Data File : BG053258.D
 Acq On : 22 Apr 2022 13:05
 Operator : CG/JU
 Sample : N2494-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Quant Time: Apr 24 01:14:47 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	8.107	152	23350	20.000	ng	0.00
21) Naphthalene-d8	10.921	136	90459	20.000	ng	# 0.00
39) Acenaphthene-d10	14.733	164	64928	20.000	ng	0.00
64) Phenanthrene-d10	17.477	188	169702	20.000	ng	0.00
76) Chrysene-d12	21.759	240	179657	20.000	ng	0.00
86) Perylene-d12	25.061	264	181396	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	192878	141.597	ng	0.00
7) Phenol-d6	7.273	99	280833	133.692	ng	0.00
23) Nitrobenzene-d5	9.270	82	192535	86.421	ng	0.00
42) 2,4,6-Tribromophenol	16.220	330	150967	146.147	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	432326	91.815	ng	0.00
79) Terphenyl-d14	20.085	244	895203	84.155	ng	0.00

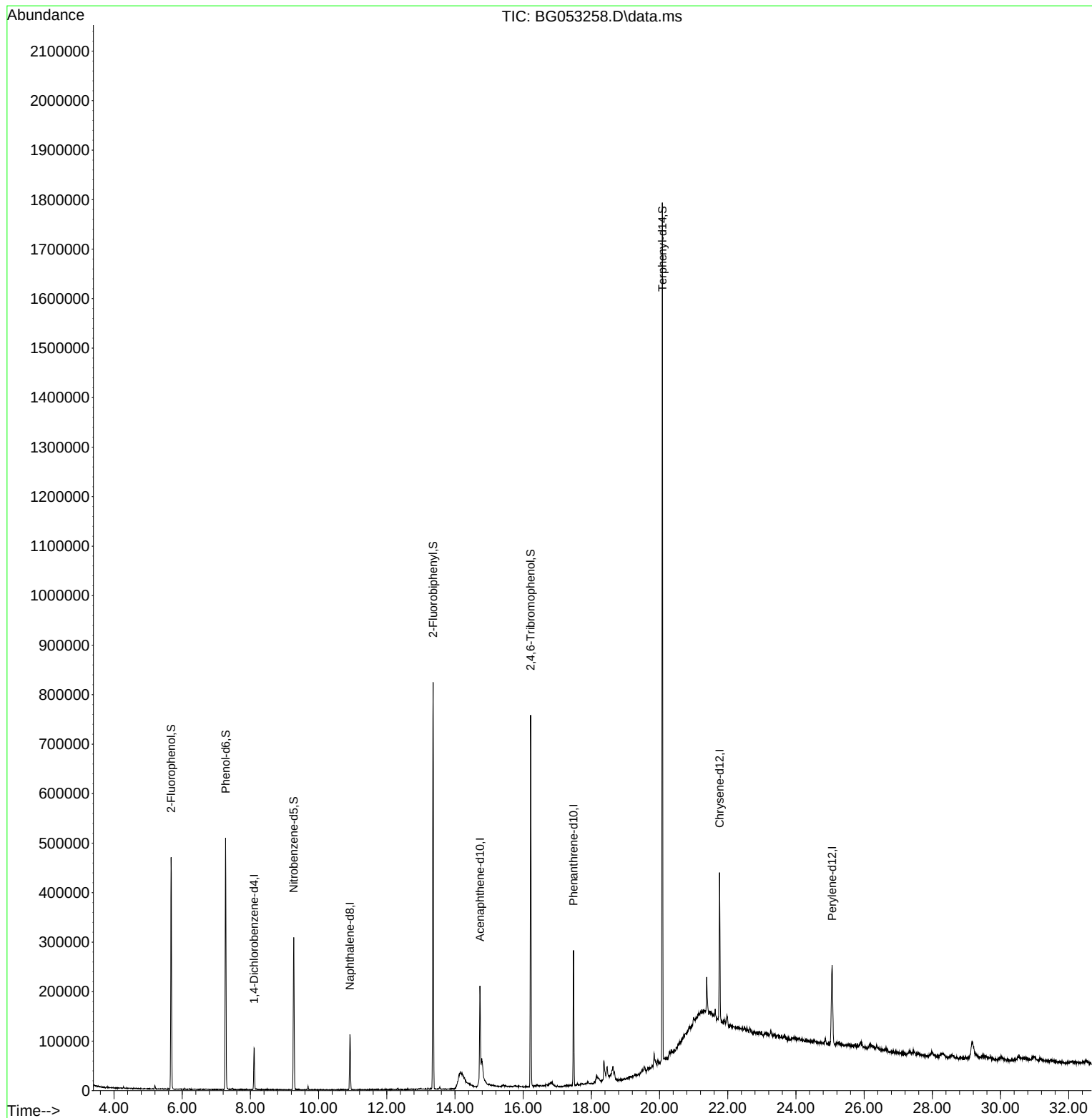
Target Compounds	Qvalue

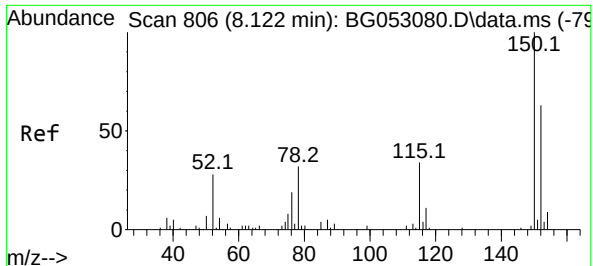
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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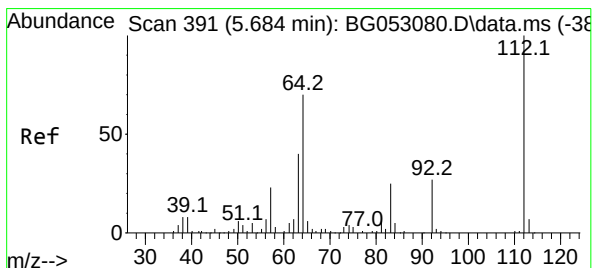
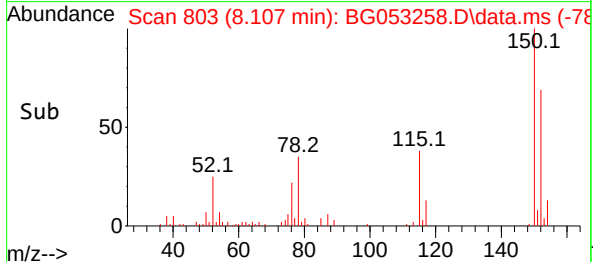
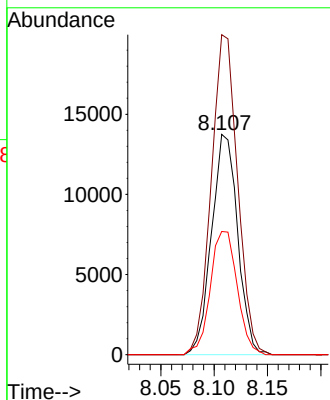
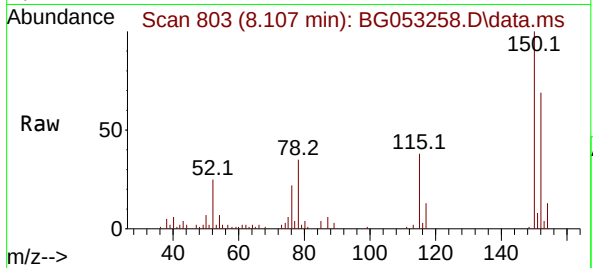




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.107 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

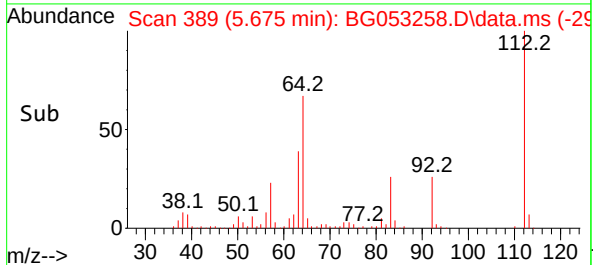
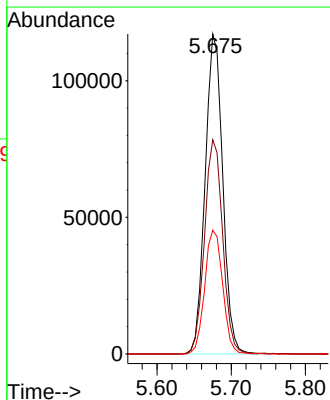
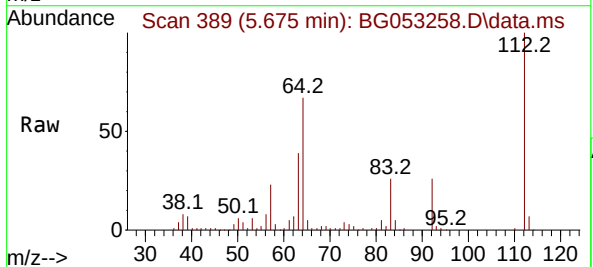
Instrument :
BNA_G
ClientSampleId :
MH-1D

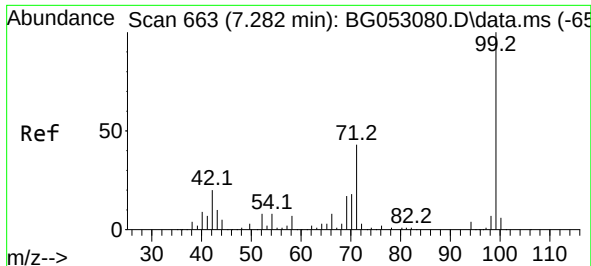
Tgt Ion:152 Resp: 23350
Ion Ratio Lower Upper
152 100
150 145.3 114.6 172.0
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 141.597 ng
RT: 5.675 min Scan# 389
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:112 Resp: 192878
Ion Ratio Lower Upper
112 100
64 66.9 48.0 72.0
63 38.7 26.5 39.7

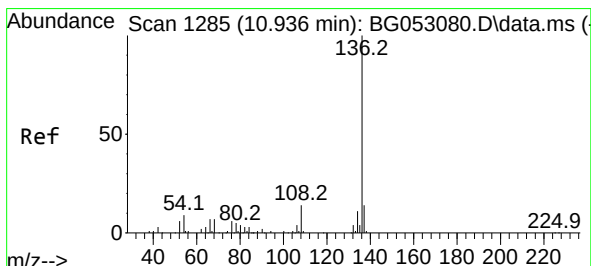
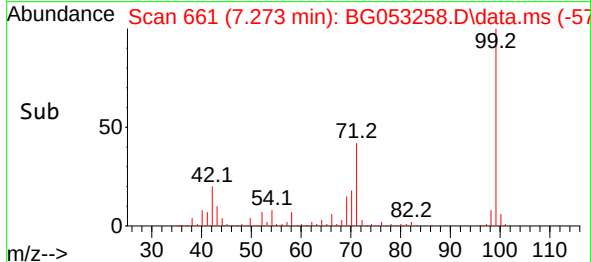
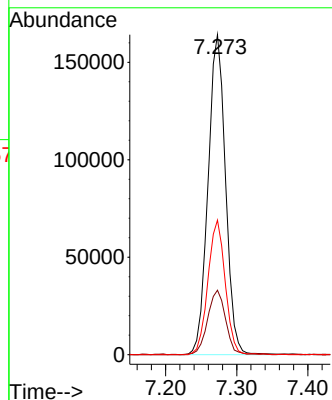
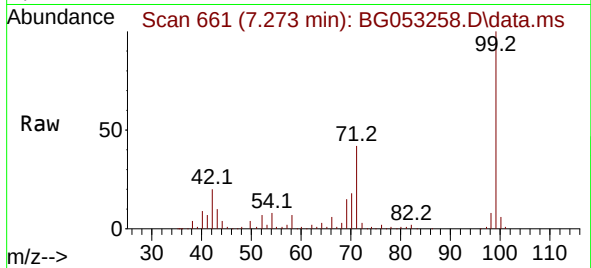




#7
Phenol-d6
Concen: 133.692 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

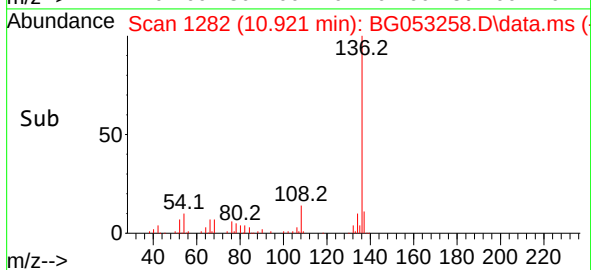
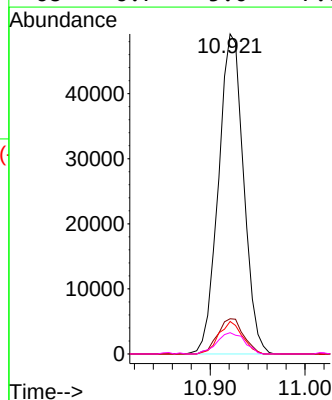
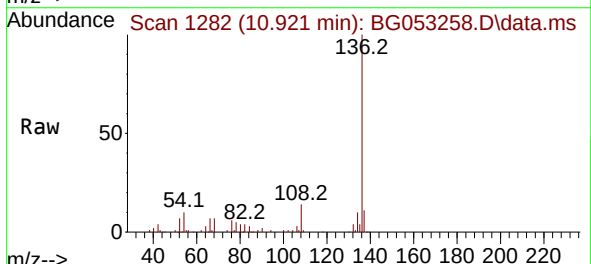
Instrument :
BNA_G
ClientSampleId :
MH-1D

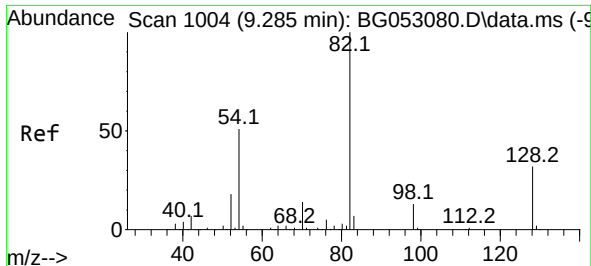
Tgt Ion: 99 Resp: 280833
Ion Ratio Lower Upper
99 100
42 20.2 14.7 22.1
71 42.1 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.921 min Scan# 1282
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:136 Resp: 90459
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.2
54 10.2 6.4 9.6#
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.421 ng

RT: 9.270 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

Instrument :

BNA_G

ClientSampleId :

MH-1D

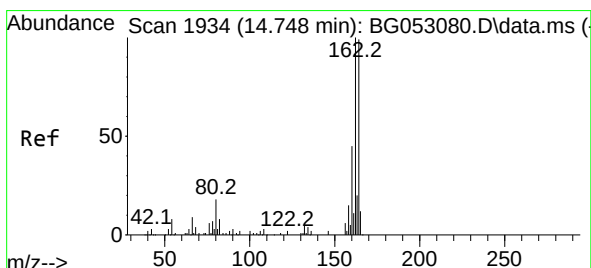
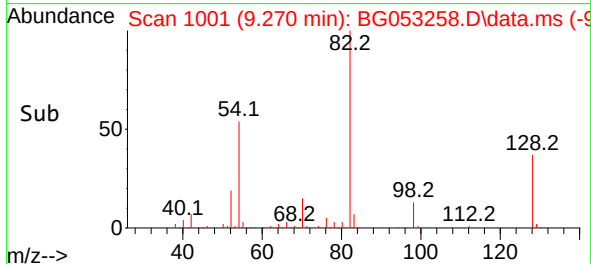
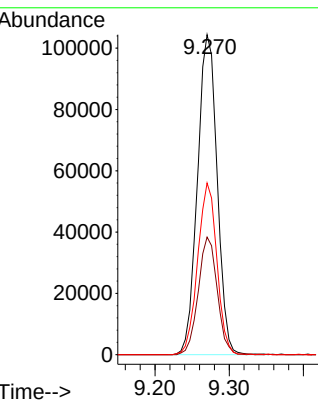
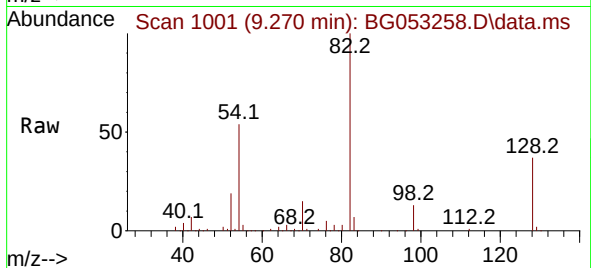
Tgt Ion: 82 Resp: 192535

Ion Ratio Lower Upper

82 100

128 36.8 31.3 46.9

54 53.6 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.001 min

Lab File: BG053258.D

Acq: 22 Apr 2022 13:05

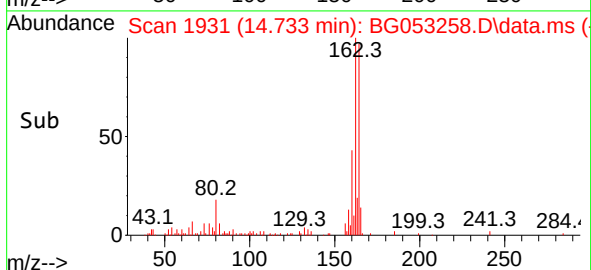
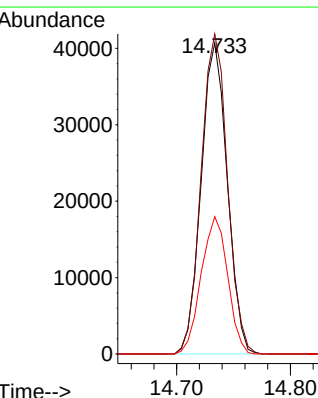
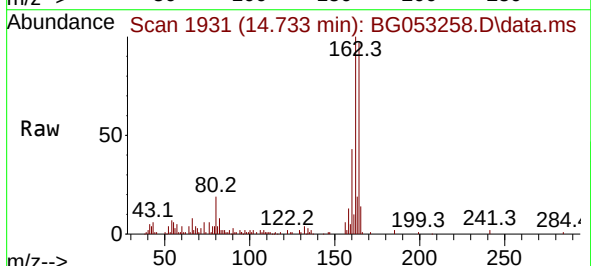
Tgt Ion:164 Resp: 64928

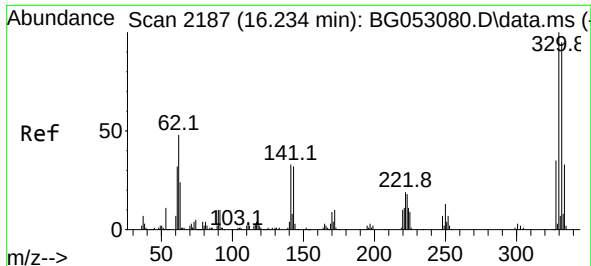
Ion Ratio Lower Upper

164 100

162 102.8 80.0 120.0

160 44.1 38.8 58.2

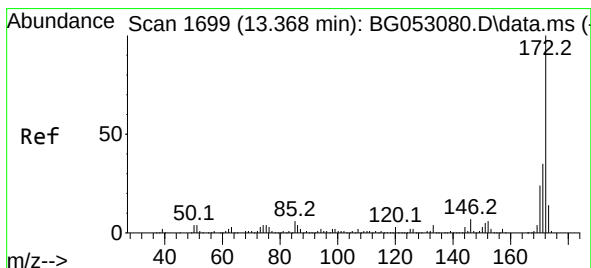
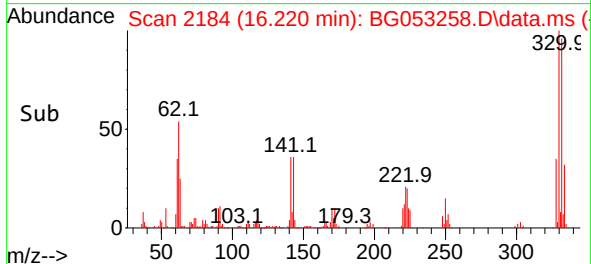
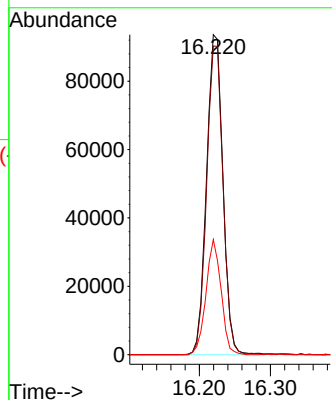
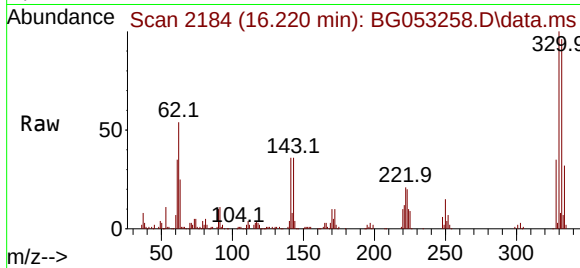




#42
2,4,6-Tribromophenol
Concen: 146.147 ng
RT: 16.220 min Scan# 2187
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

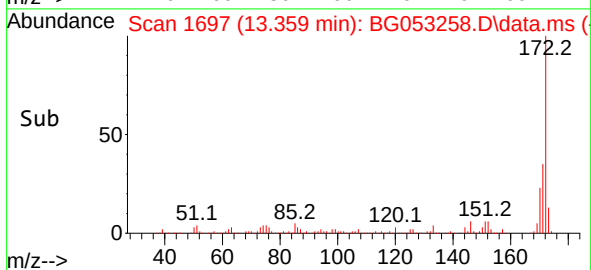
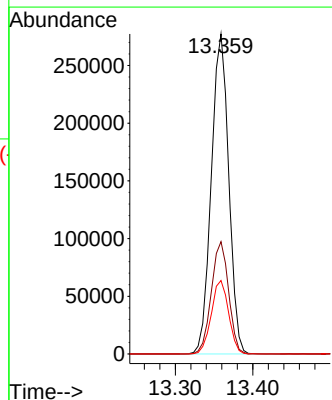
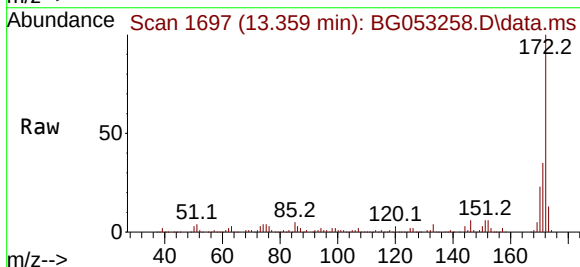
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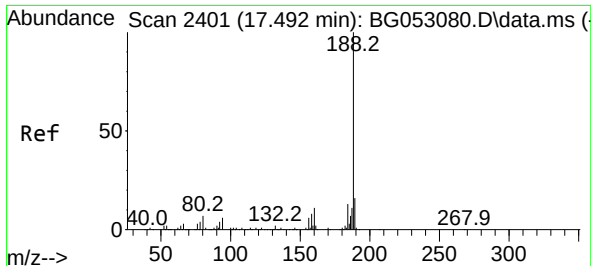
Tgt Ion:330 Resp: 150967
Ion Ratio Lower Upper
330 100
332 95.6 75.8 113.6
141 33.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 91.815 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.001 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:172 Resp: 432326
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.0 18.0 27.0

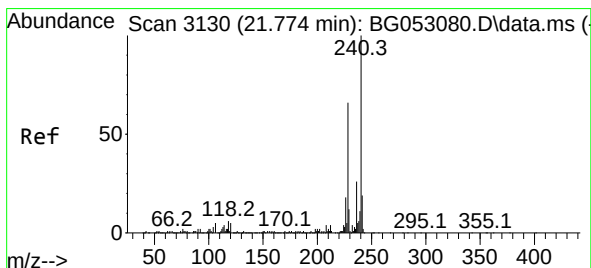
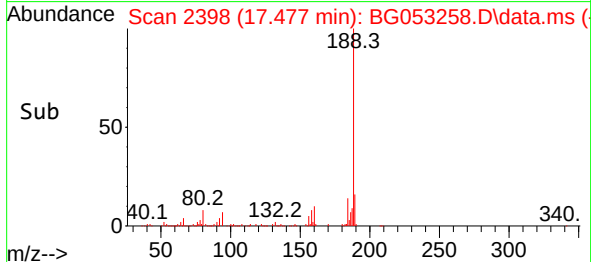
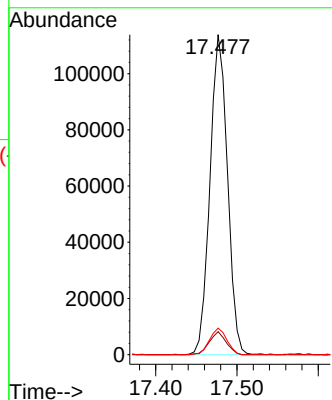
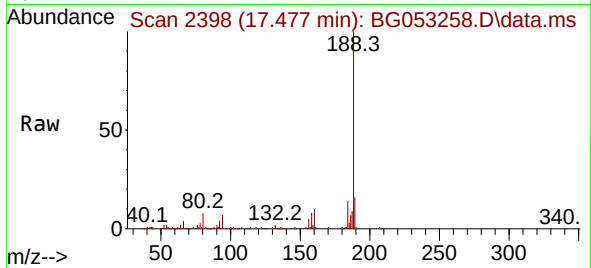




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.477 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

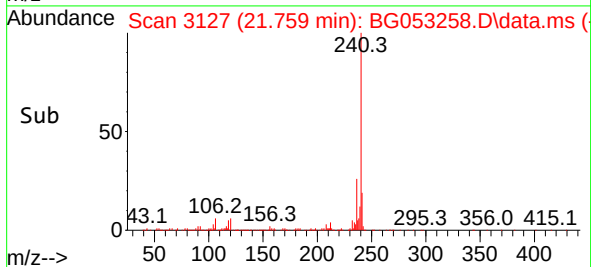
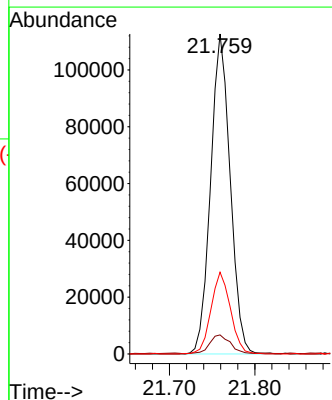
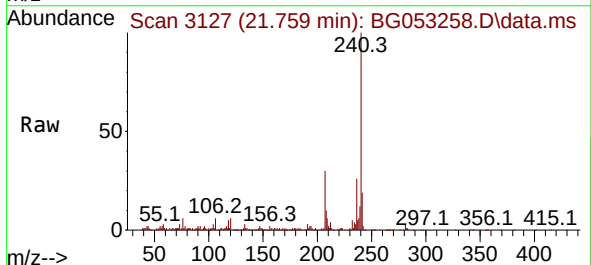
Instrument :
BNA_G
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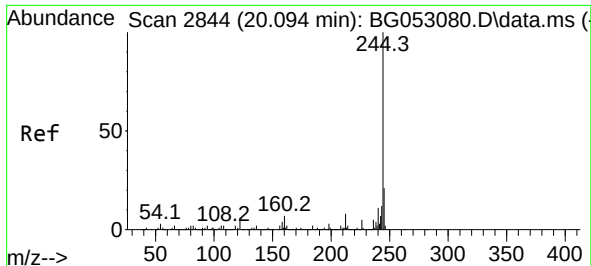
Tgt Ion:188 Resp: 169702
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.3 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.759 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BG053258.D
Acq: 22 Apr 2022 13:05

Tgt Ion:240 Resp: 179657
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.5 19.8 29.6

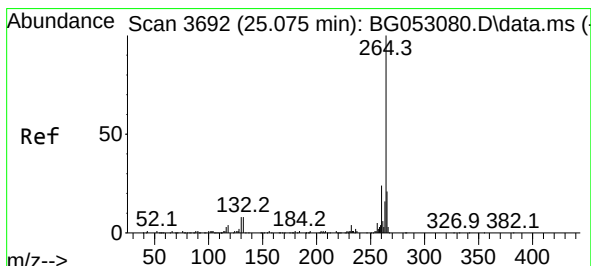
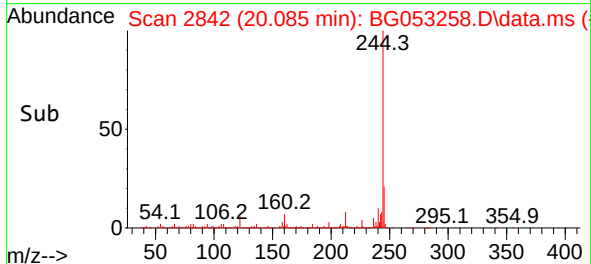
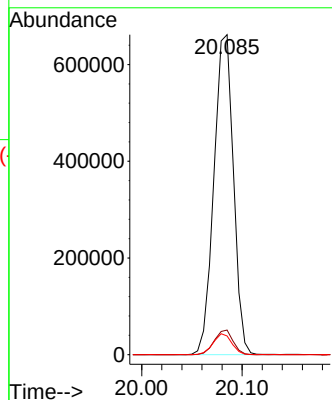
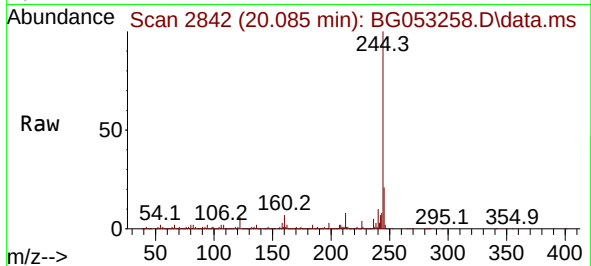




#79
 Terphenyl-d14
 Concen: 84.155 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG053258.D
 Acq: 22 Apr 2022 13:05

Instrument :
 BNA_G
 ClientSampleId :
 MH-1D

Tgt Ion:244 Resp: 895203
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.4 8.2
 122 5.9 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.001 min
 Lab File: BG053258.D
 Acq: 22 Apr 2022 13:05

Tgt Ion:264 Resp: 181396
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.9 15.1 22.7

