

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053178.D
 Acq On : 18 Apr 2022 11:58
 Operator : CG/JU
 Sample : PB144120TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144120TB

Quant Time: Apr 19 04:20:22 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	8.116	152	34100	20.000	ng	0.00
21) Naphthalene-d8	10.924	136	134559	20.000	ng	-0.01
39) Acenaphthene-d10	14.737	164	94357	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	225209	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	282543	20.000	ng	-0.01
86) Perylene-d12	25.064	264	282849	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	277808	139.652	ng	0.00
7) Phenol-d6	7.276	99	387072	126.177	ng	0.00
23) Nitrobenzene-d5	9.274	82	276718	83.500	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	182894	121.833	ng	-0.01
45) 2-Fluorobiphenyl	13.362	172	603824	88.241	ng	0.00
79) Terphenyl-d14	20.083	244	1323903	79.136	ng	-0.01

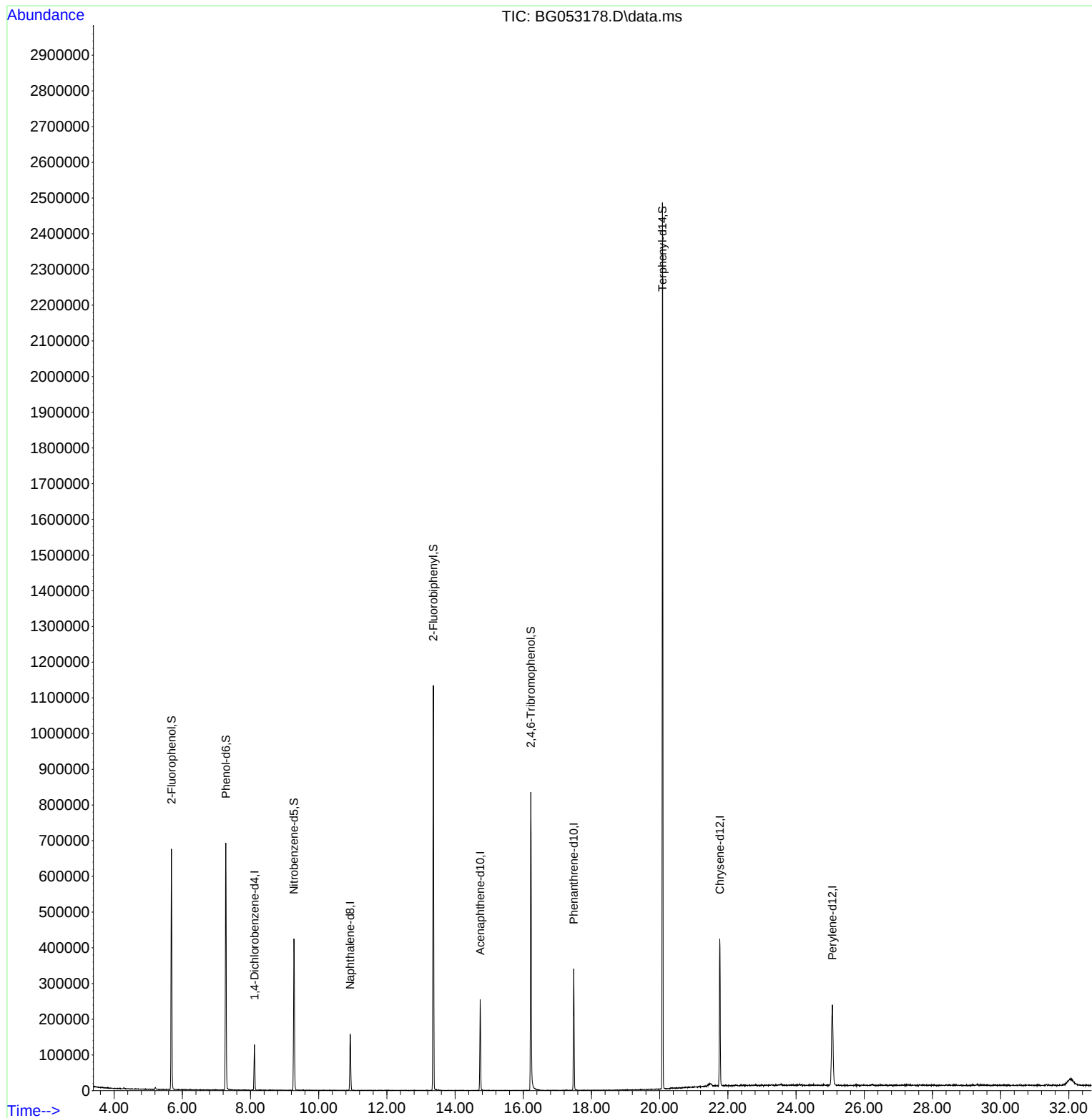
Target Compounds	Qvalue

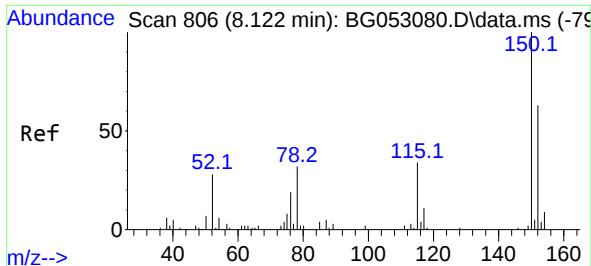
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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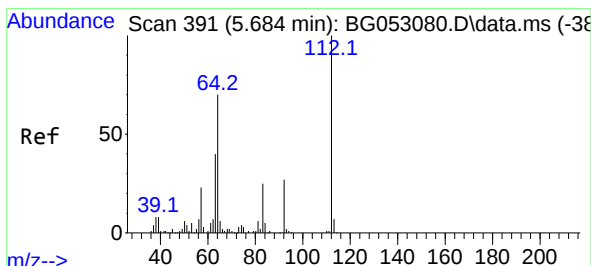
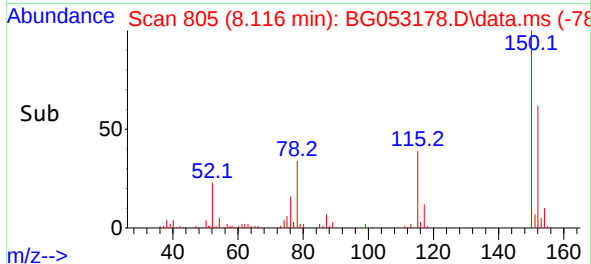
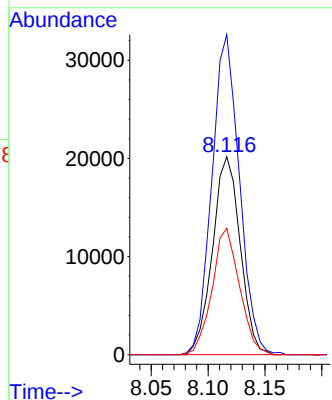
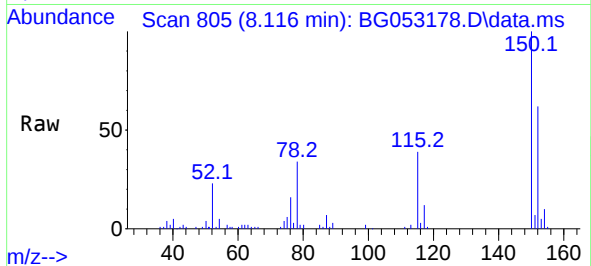




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

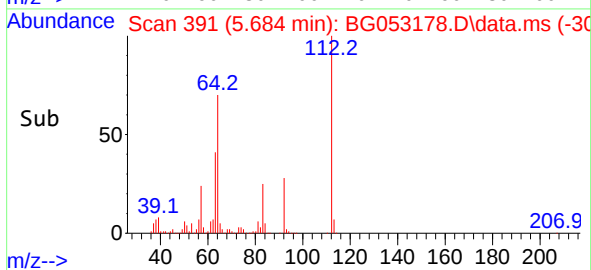
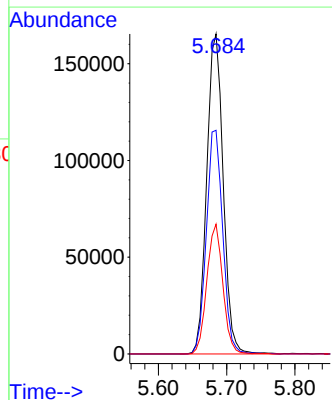
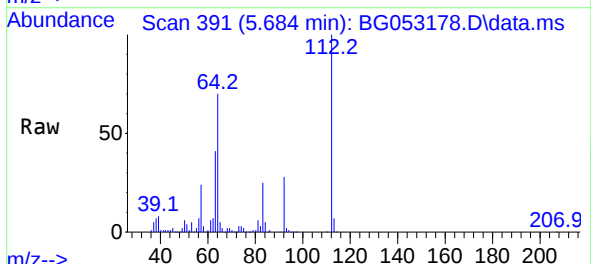
Instrument :
BNA_G
ClientSampleId :
PB144120TB

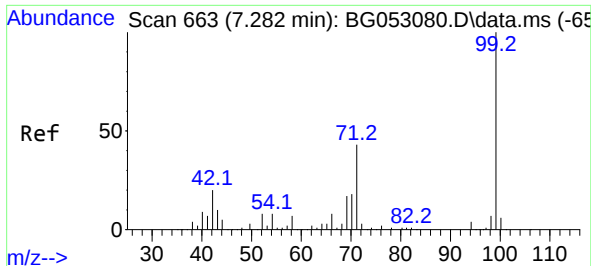
Tgt Ion:152 Resp: 34100
Ion Ratio Lower Upper
152 100
150 161.7 114.6 172.0
115 63.8 45.9 68.9



#5
2-Fluorophenol
Concen: 139.652 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:112 Resp: 277808
Ion Ratio Lower Upper
112 100
64 69.9 48.0 72.0
63 40.6 26.5 39.7#

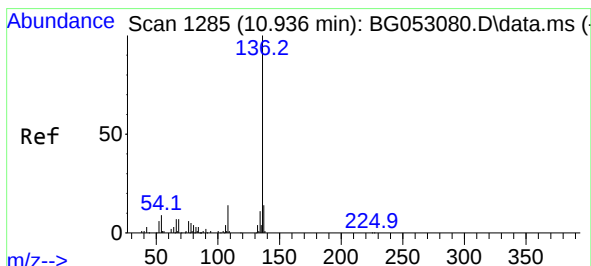
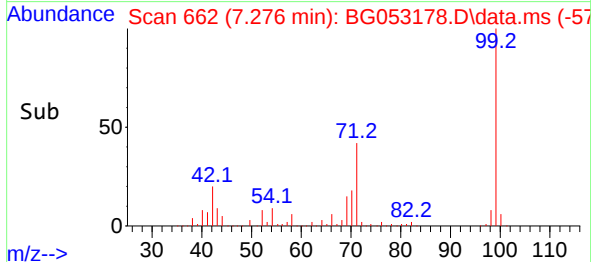
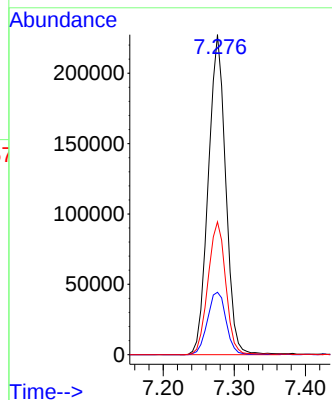
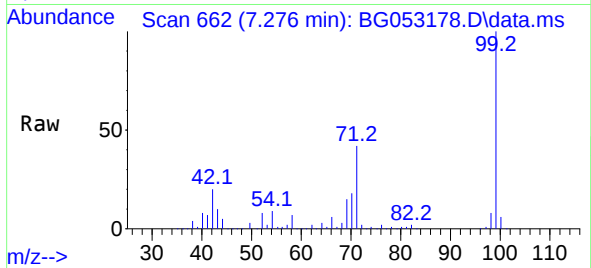




#7
Phenol-d6
Concen: 126.177 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

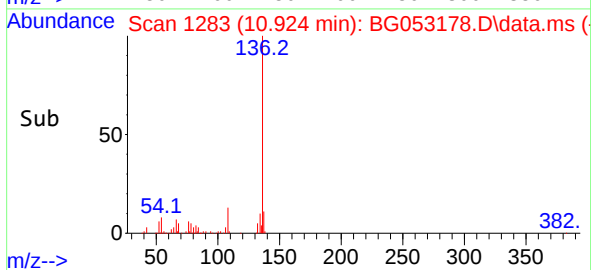
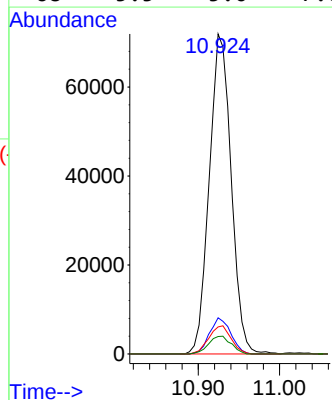
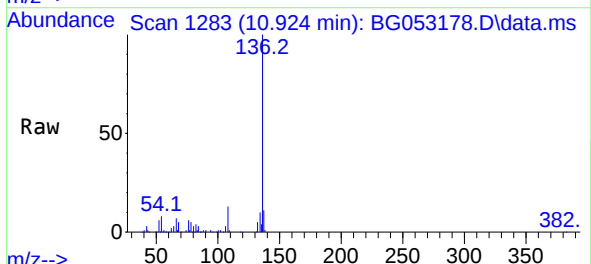
Instrument :
BNA_G
ClientSampleId :
PB144120TB

Tgt Ion: 99 Resp: 387072
Ion Ratio Lower Upper
99 100
42 19.5 14.7 22.1
71 41.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:136 Resp: 134559
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.2
54 8.5 6.4 9.6
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 83.500 ng

RT: 9.274 min Scan# 1002

Delta R.T. -0.011 min

Lab File: BG053178.D

Acq: 18 Apr 2022 11:58

Instrument :

BNA_G

ClientSampleId :

PB144120TB

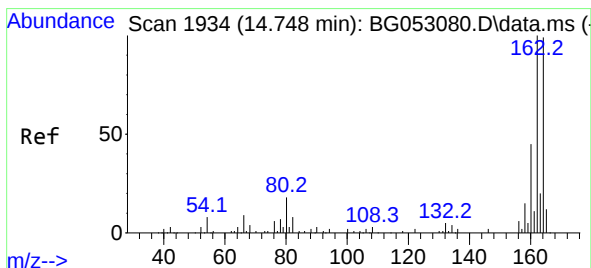
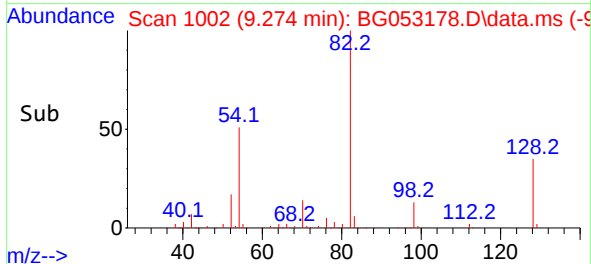
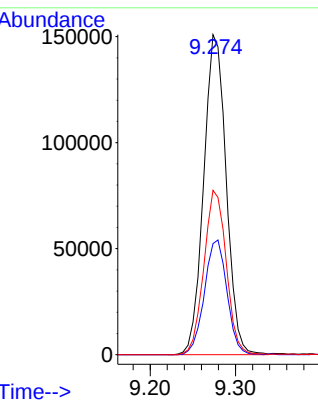
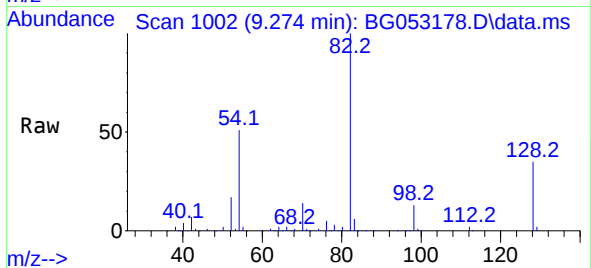
Tgt Ion: 82 Resp: 276718

Ion Ratio Lower Upper

82 100

128 34.7 31.3 46.9

54 51.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.011 min

Lab File: BG053178.D

Acq: 18 Apr 2022 11:58

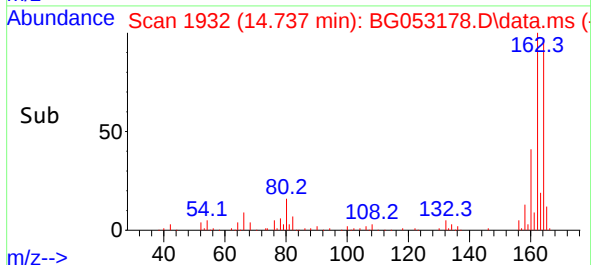
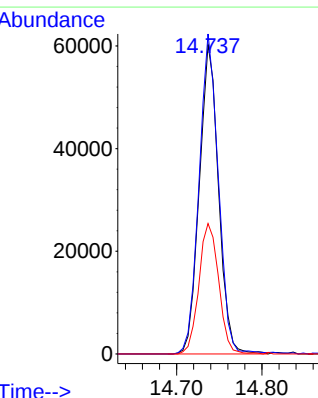
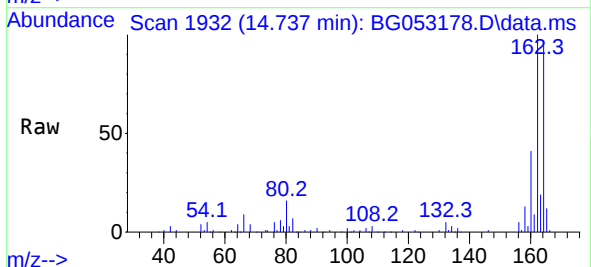
Tgt Ion:164 Resp: 94357

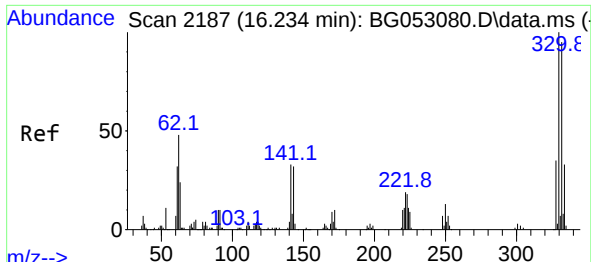
Ion Ratio Lower Upper

164 100

162 103.4 80.0 120.0

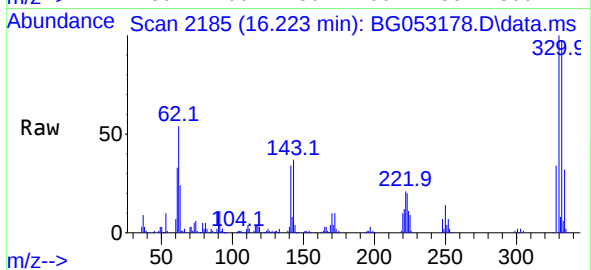
160 42.1 38.8 58.2



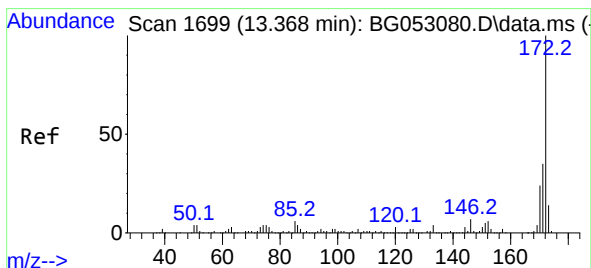
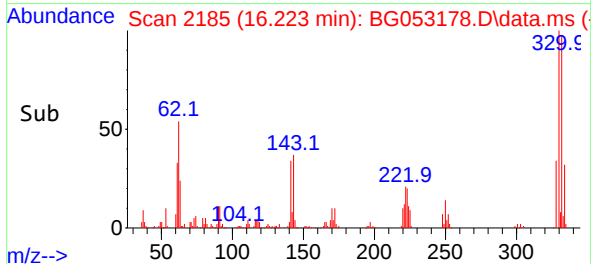
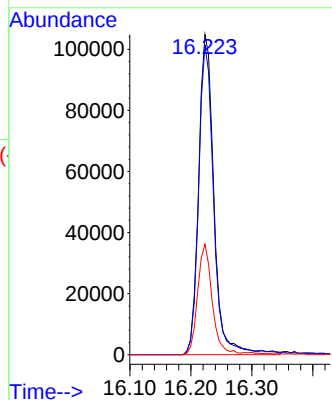


#42
2,4,6-Tribromophenol
Concen: 121.833 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

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PB144120TB

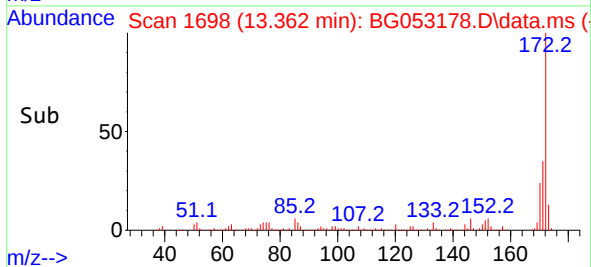
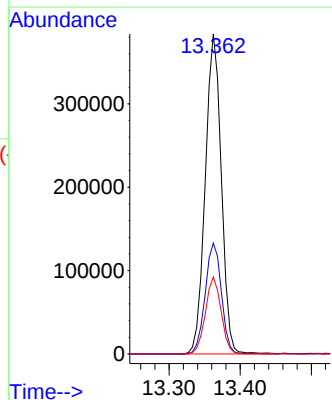
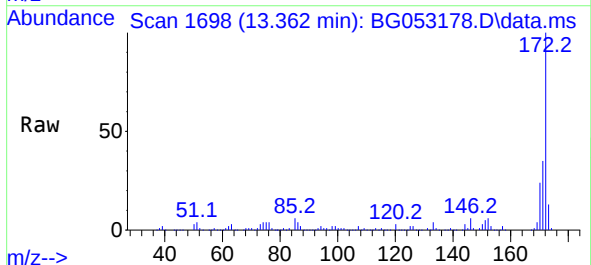


Tgt Ion:330 Resp: 182894
Ion Ratio Lower Upper
330 100
332 94.0 75.8 113.6
141 32.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 88.241 ng
RT: 13.362 min Scan# 1698
Delta R.T. -0.006 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:172 Resp: 603824
Ion Ratio Lower Upper
172 100
171 34.6 28.3 42.5
170 24.0 18.0 27.0

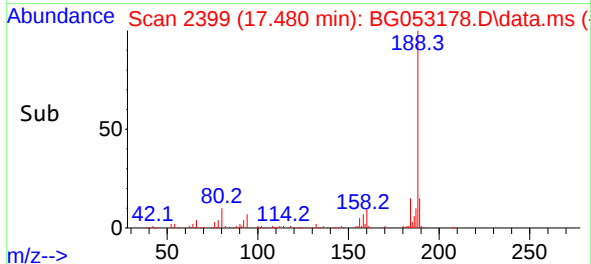
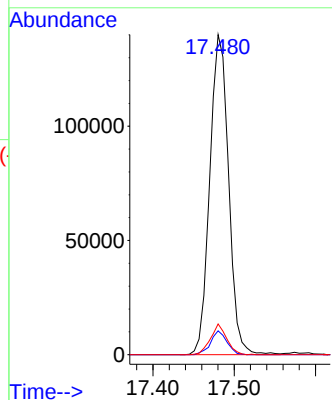
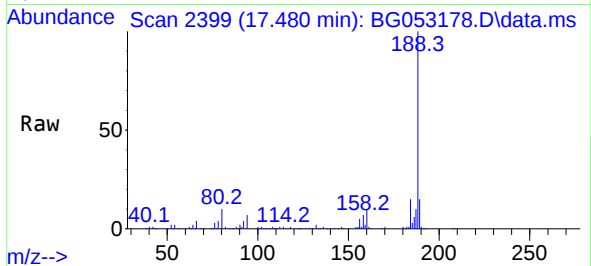




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

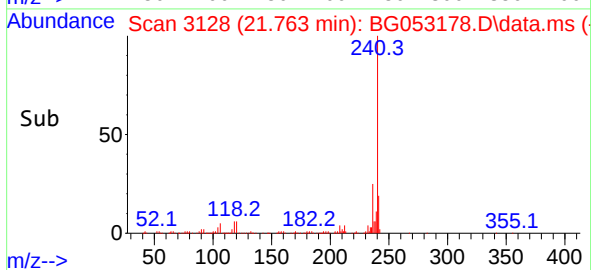
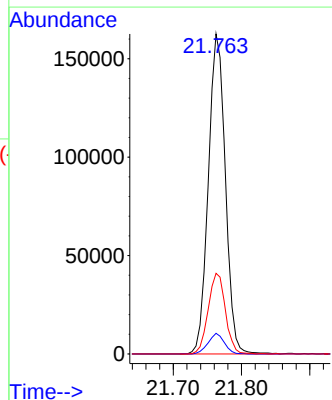
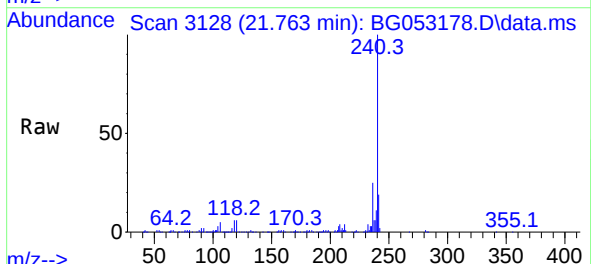
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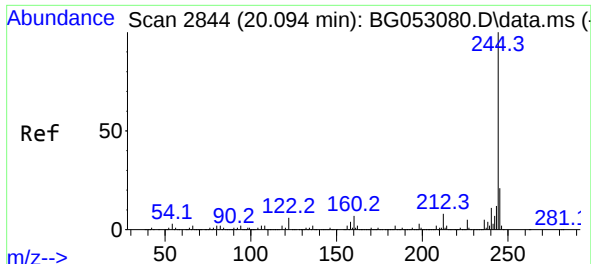
Tgt Ion:188 Resp: 225209
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053178.D
Acq: 18 Apr 2022 11:58

Tgt Ion:240 Resp: 282543
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 25.2 19.8 29.6

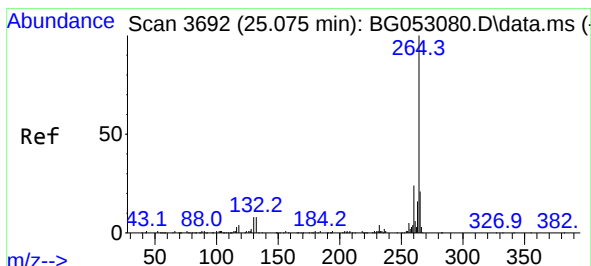
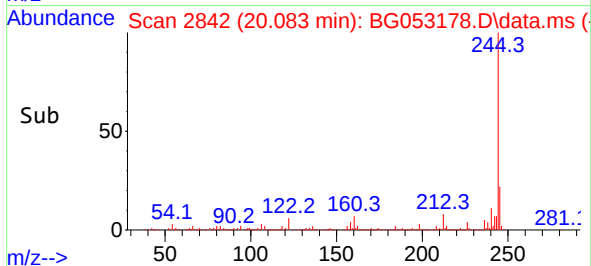
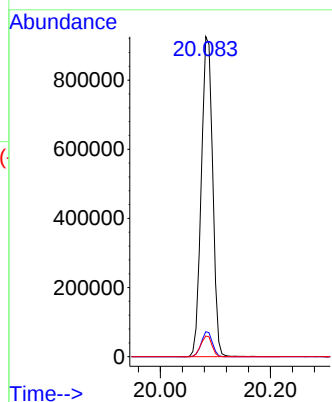
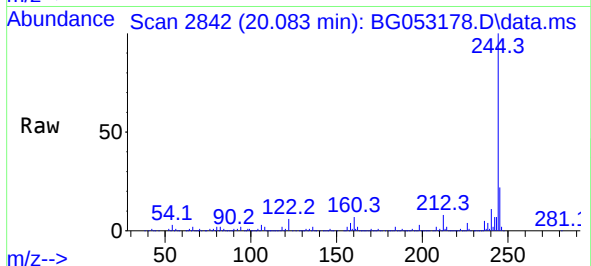




#79
 Terphenyl-d14
 Concen: 79.136 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053178.D
 Acq: 18 Apr 2022 11:58

Instrument :
 BNA_G
 ClientSampleId :
 PB144120TB

Tgt Ion:244 Resp: 1323903
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053178.D
 Acq: 18 Apr 2022 11:58

Tgt Ion:264 Resp: 282849
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.2 27.2
 265 21.2 15.1 22.7

