

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041222\
 Data File : BG053118.D
 Acq On : 12 Apr 2022 14:02
 Operator : CG/JU
 Sample : N2340-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP

Quant Time: Apr 13 06:13:05 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	8.117	152	34648	20.000	ng	0.00
21) Naphthalene-d8	10.931	136	139190	20.000	ng	# 0.00
39) Acenaphthene-d10	14.743	164	102711	20.000	ng	0.00
64) Phenanthrene-d10	17.481	188	244825	20.000	ng	-0.01
76) Chrysene-d12	21.763	240	260521	20.000	ng	-0.01
86) Perylene-d12	25.065	264	256653	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.685	112	216381	107.053	ng	0.00
7) Phenol-d6	7.277	99	311719	100.007	ng	0.00
23) Nitrobenzene-d5	9.280	82	220918	64.445	ng	0.00
42) 2,4,6-Tribromophenol	16.230	330	158302	96.875	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	492756	66.153	ng	0.00
79) Terphenyl-d14	20.083	244	975980	63.271	ng	-0.01

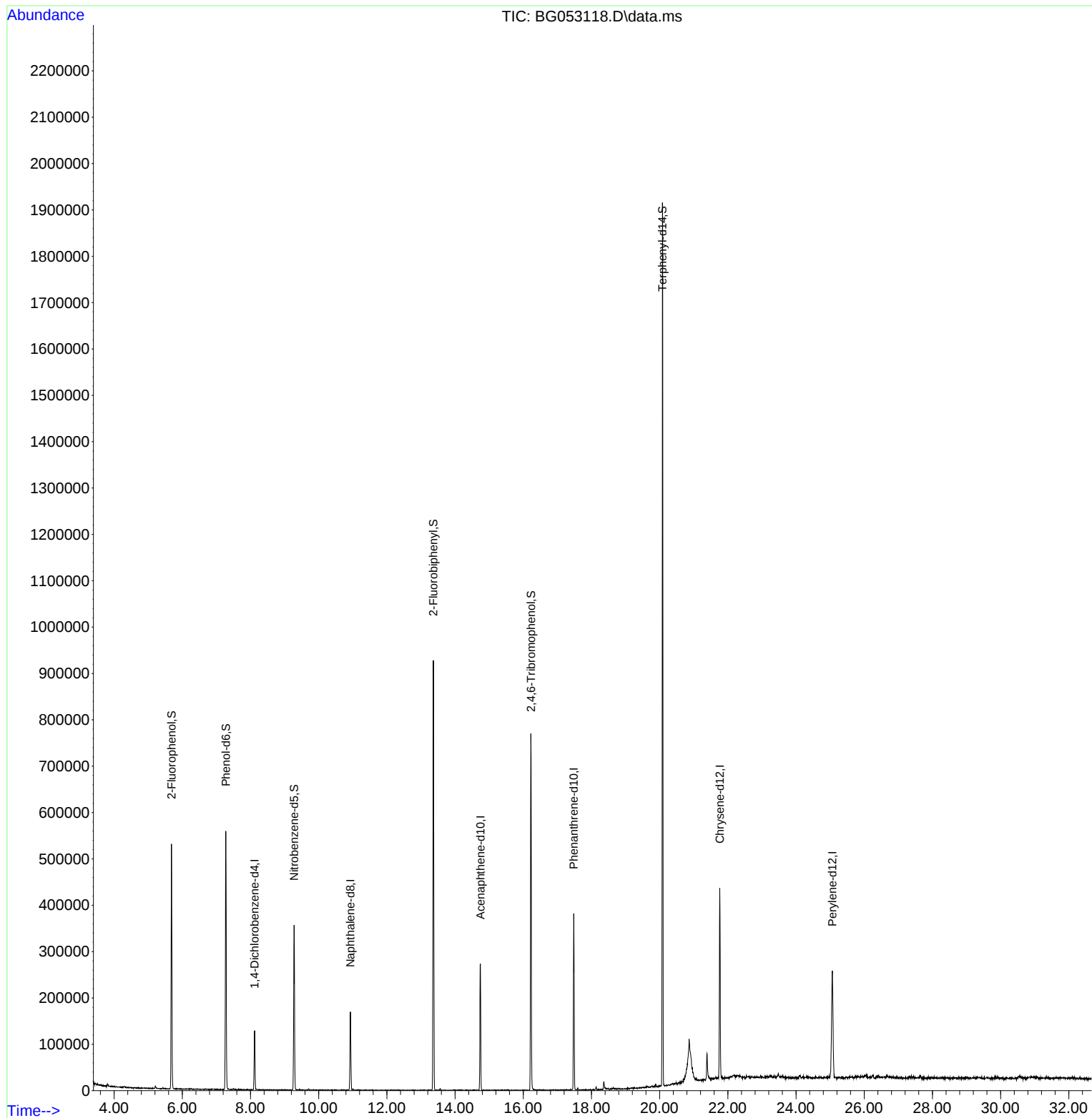
Target Compounds	Qvalue

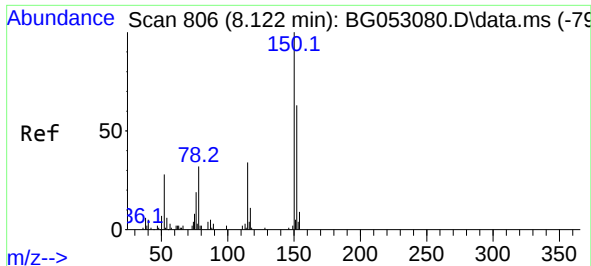
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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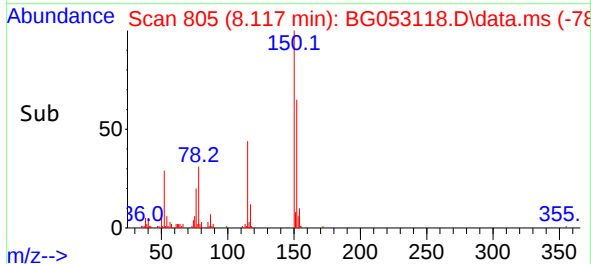
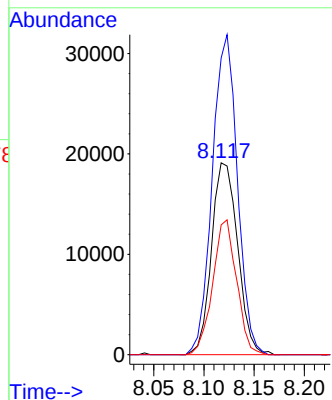
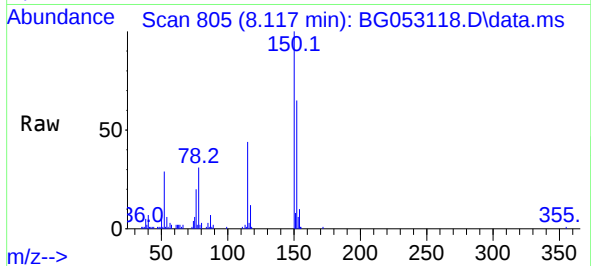




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

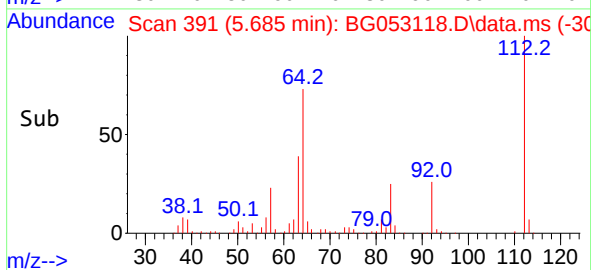
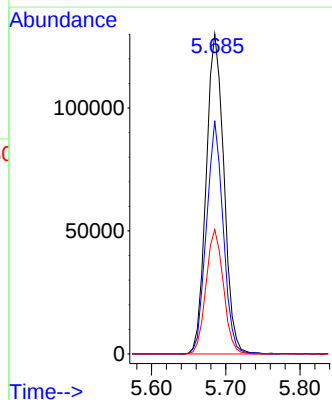
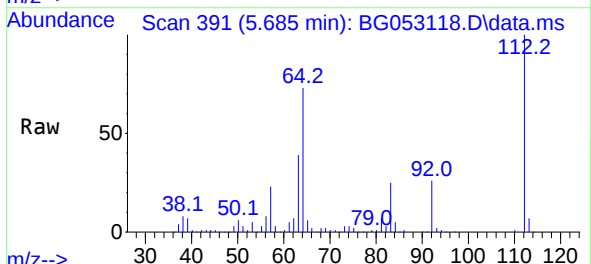
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

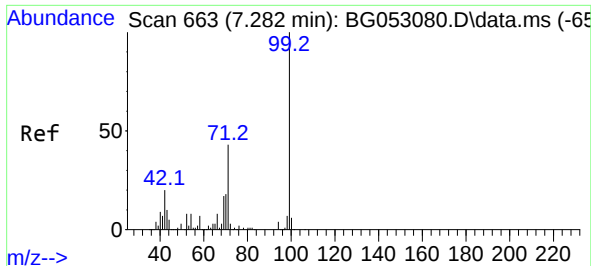
Tgt Ion:152 Resp: 34648
Ion Ratio Lower Upper
152 100
150 154.7 114.6 172.0
115 67.6 45.9 68.9



#5
2-Fluorophenol
Concen: 107.053 ng
RT: 5.685 min Scan# 391
Delta R.T. 0.001 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:112 Resp: 216381
Ion Ratio Lower Upper
112 100
64 72.9 48.0 72.0#
63 38.9 26.5 39.7

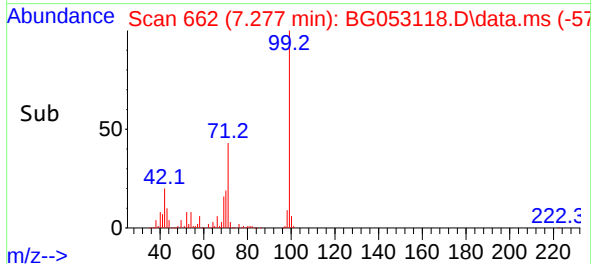
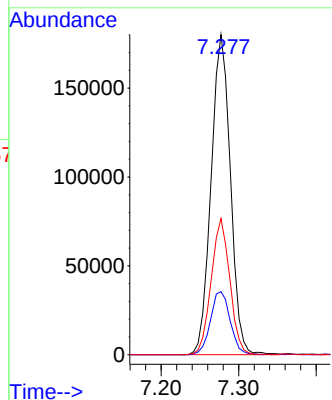
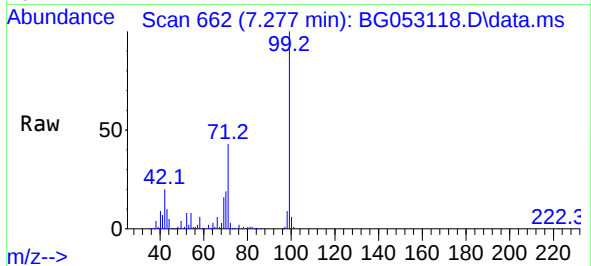




#7
Phenol-d6
Concen: 100.007 ng
RT: 7.277 min Scan# 6
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

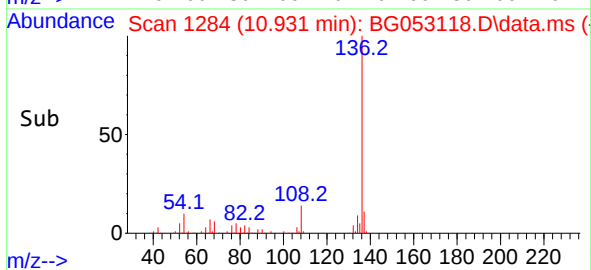
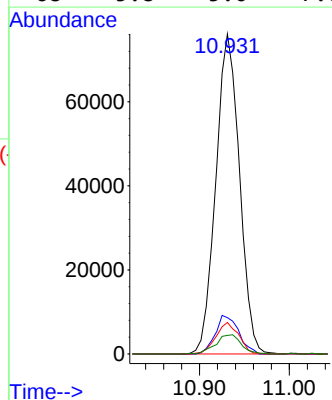
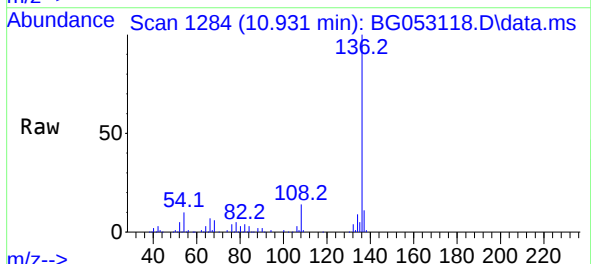
Instrument :
BNA_G
ClientSampleId :
SB-08-COMP

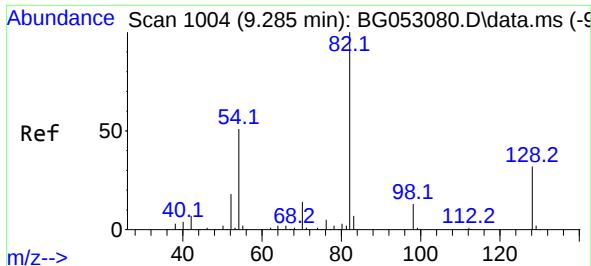
Tgt Ion: 99 Resp: 311719
Ion Ratio Lower Upper
99 100
42 19.7 14.7 22.1
71 42.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.931 min Scan# 1284
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion: 136 Resp: 139190
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 9.9 6.4 9.6#
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.445 ng

RT: 9.280 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053118.D

Acq: 12 Apr 2022 14:02

Instrument :

BNA_G

ClientSampleId :

SB-08-COMP

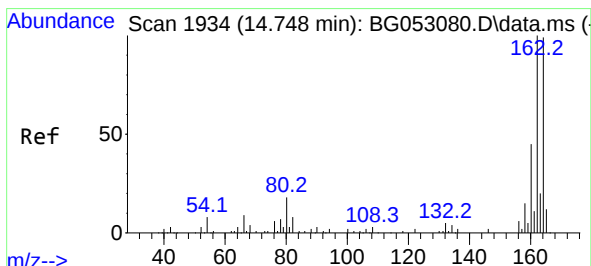
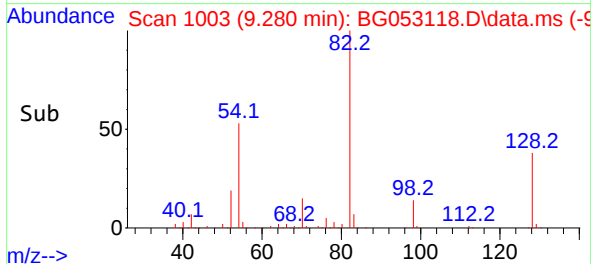
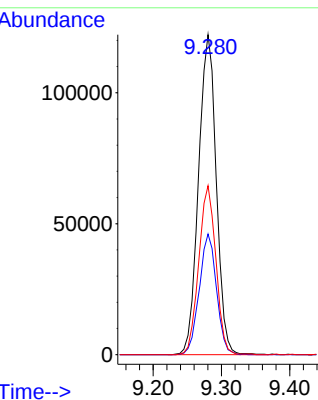
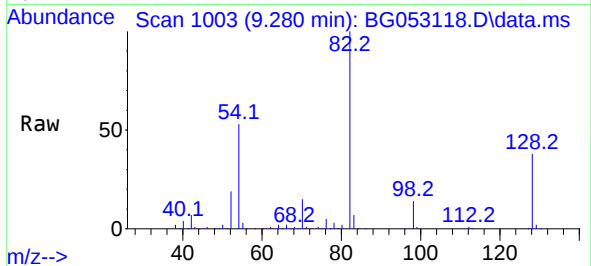
Tgt Ion: 82 Resp: 220918

Ion Ratio Lower Upper

82 100

128 37.7 31.3 46.9

54 52.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.743 min Scan# 1933

Delta R.T. -0.005 min

Lab File: BG053118.D

Acq: 12 Apr 2022 14:02

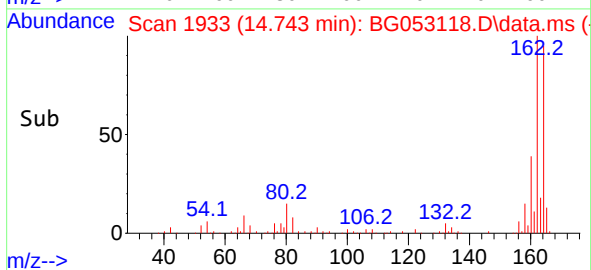
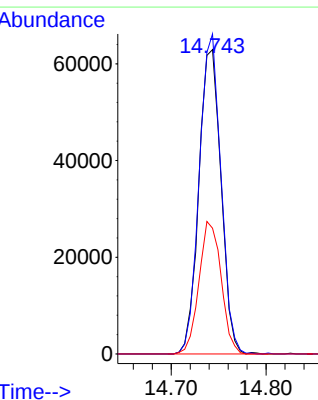
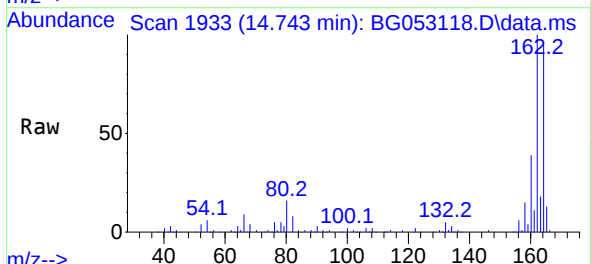
Tgt Ion:164 Resp: 102711

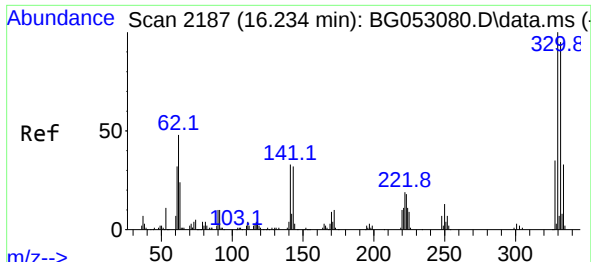
Ion Ratio Lower Upper

164 100

162 105.2 80.0 120.0

160 41.3 38.8 58.2

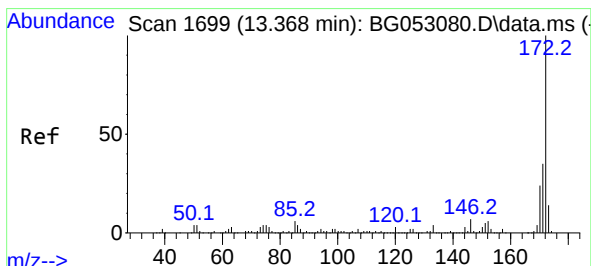
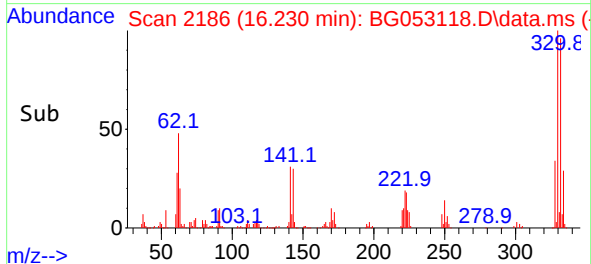
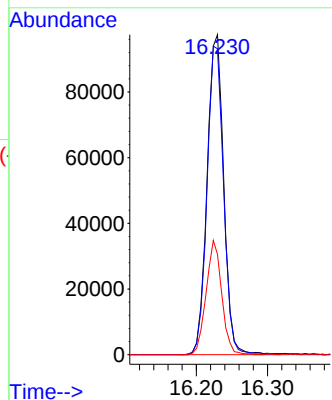
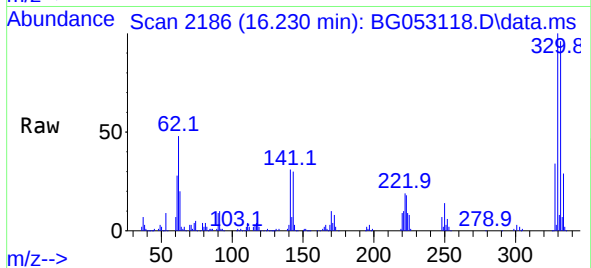




#42
2,4,6-Tribromophenol
Concen: 96.875 ng
RT: 16.230 min Scan# 2187
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

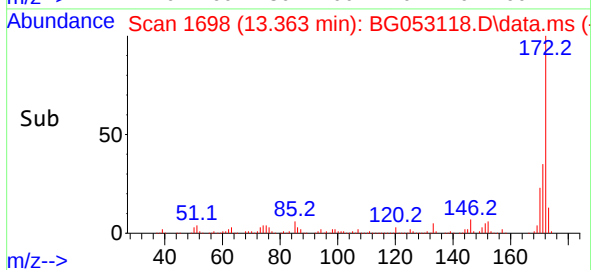
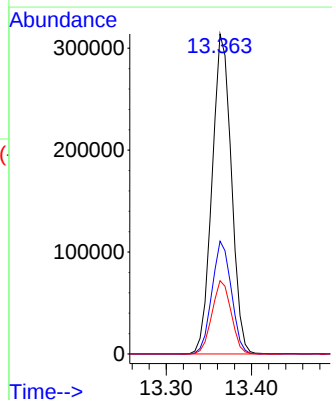
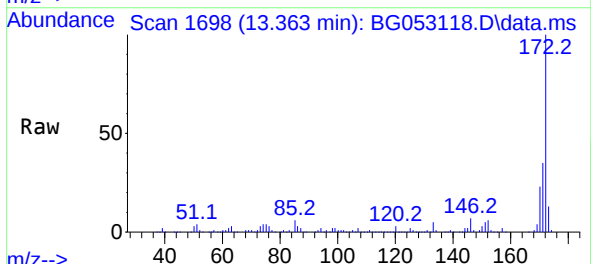
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Tgt Ion:330 Resp: 158302
Ion Ratio Lower Upper
330 100
332 95.9 75.8 113.6
141 33.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 66.153 ng
RT: 13.363 min Scan# 1698
Delta R.T. -0.005 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

Tgt Ion:172 Resp: 492756
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 22.9 18.0 27.0

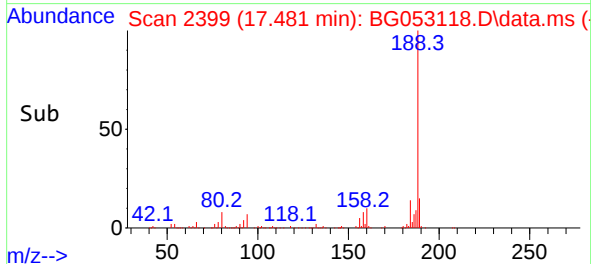
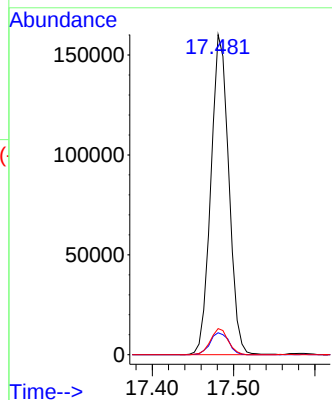
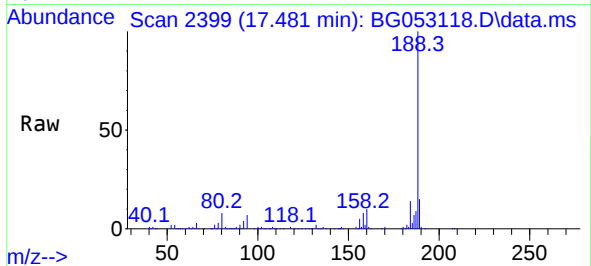




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 21
Delta R.T. -0.011 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

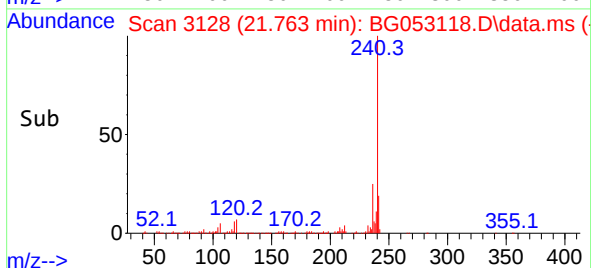
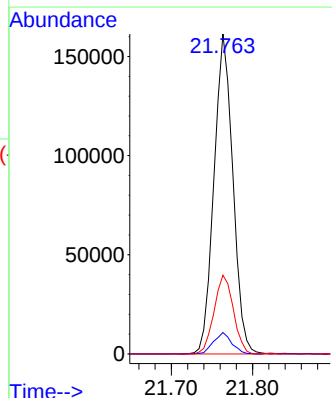
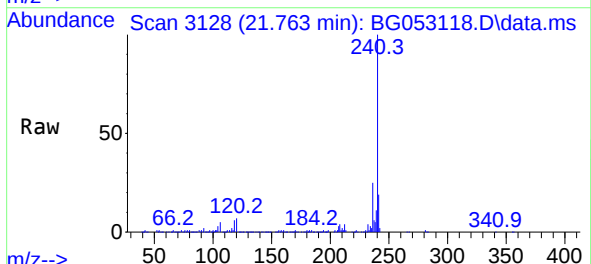
Instrument :
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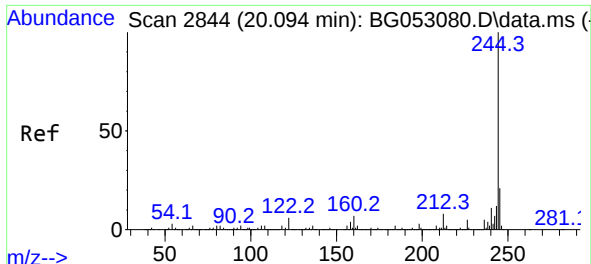
Tgt Ion:188 Resp: 244825
Ion Ratio Lower Upper
188 100
94 6.9 5.7 8.5
80 8.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.763 min Scan# 3128
Delta R.T. -0.011 min
Lab File: BG053118.D
Acq: 12 Apr 2022 14:02

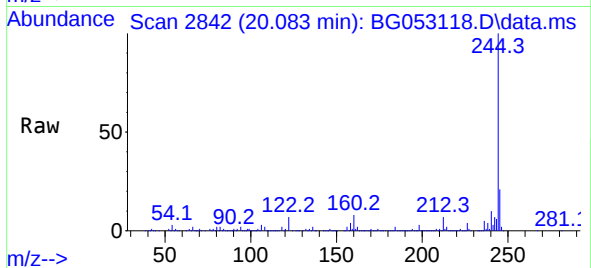
Tgt Ion:240 Resp: 260521
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 24.6 19.8 29.6



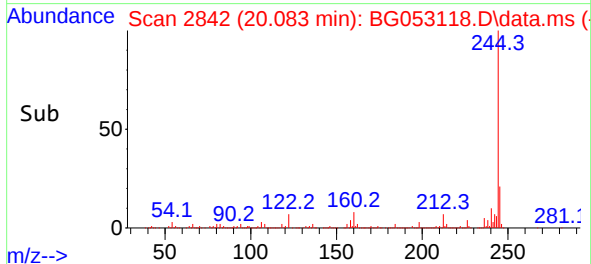
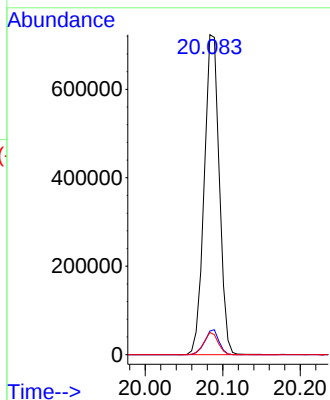


#79
 Terphenyl-d14
 Concen: 63.271 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

Instrument :
 BNA_G
 ClientSampleId :
 SB-08-COMP



Tgt Ion:244 Resp: 975980
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 7.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 3690
 Delta R.T. -0.011 min
 Lab File: BG053118.D
 Acq: 12 Apr 2022 14:02

Tgt Ion:264 Resp: 256653
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 22.2 15.1 22.7

