

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053237.D
 Acq On : 21 Apr 2022 12:09
 Operator : CG/JU
 Sample : PB144251BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB144251BL

Quant Time: Apr 22 02:56:03 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	8.110	152	24414	20.000	ng	-0.01
21) Naphthalene-d8	10.924	136	93523	20.000	ng	#-0.01
39) Acenaphthene-d10	14.737	164	73496	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	189127	20.000	ng	-0.01
76) Chrysene-d12	21.762	240	218783	20.000	ng	-0.01
86) Perylene-d12	25.058	264	211304	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.678	112	208498	146.393	ng	0.00
7) Phenol-d6	7.270	99	298875	136.080	ng	-0.01
23) Nitrobenzene-d5	9.273	82	207230	89.970	ng	-0.01
42) 2,4,6-Tribromophenol	16.223	330	157659	134.833	ng	-0.01
45) 2-Fluorobiphenyl	13.356	172	480525	90.154	ng	-0.01
79) Terphenyl-d14	20.082	244	1136015	87.695	ng	-0.01

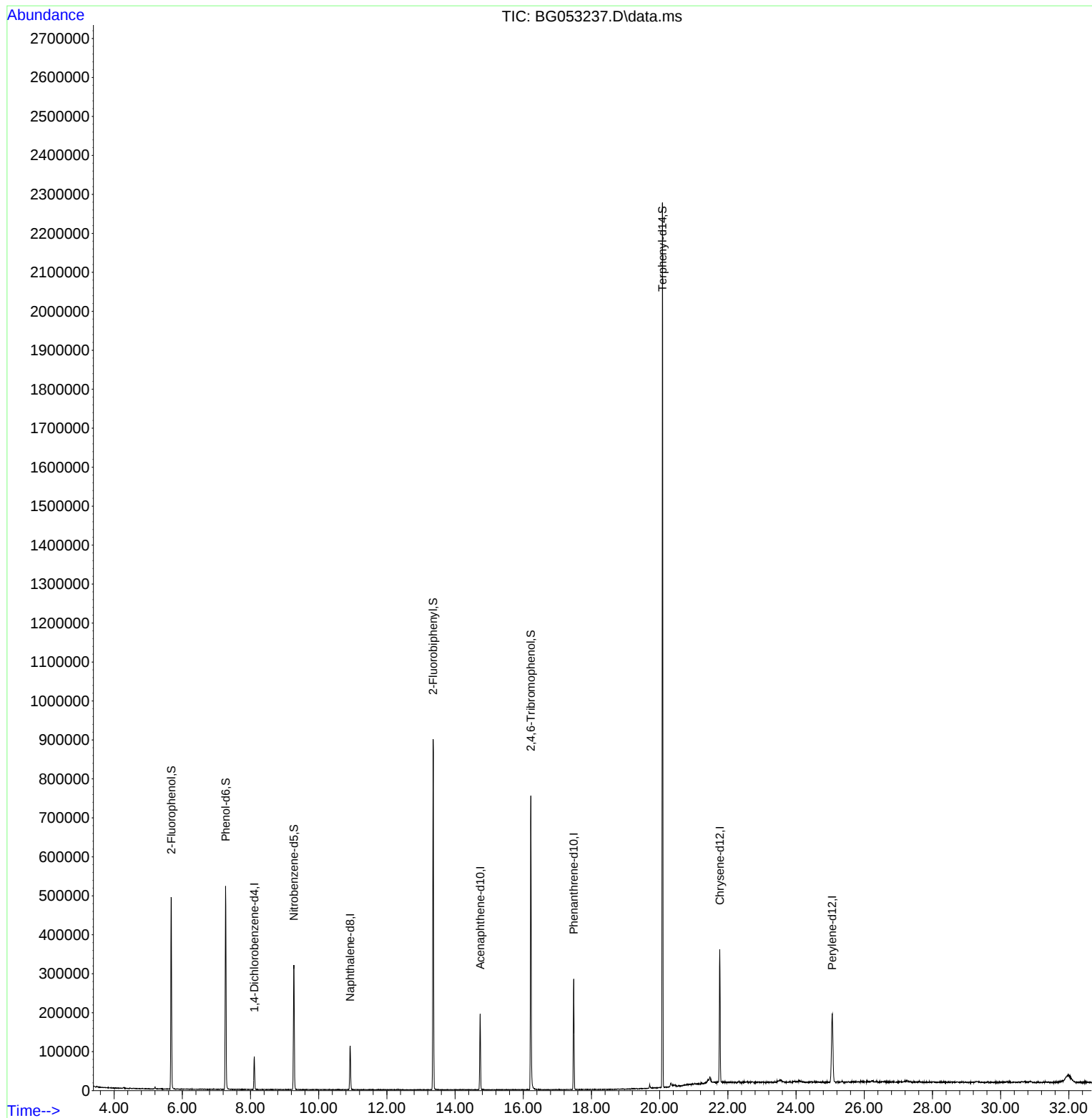
Target Compounds	Qvalue

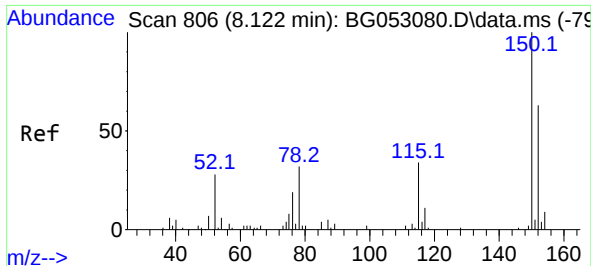
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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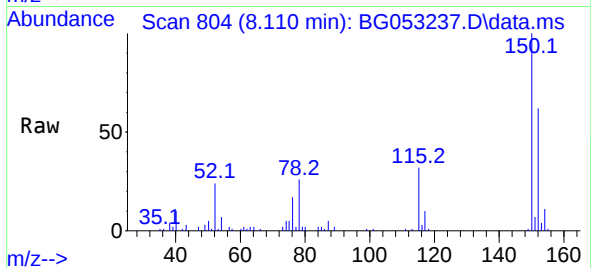
Quant Time: Apr 22 02:56:03 2022
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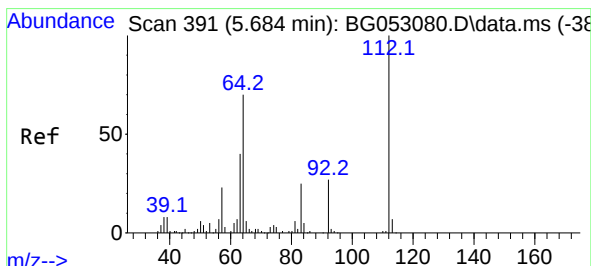
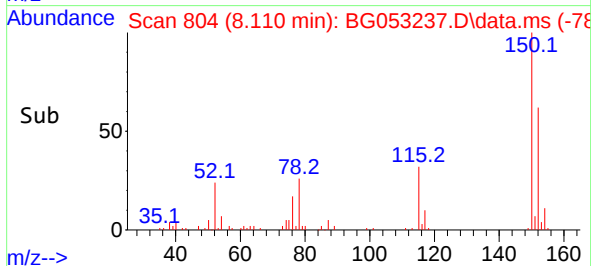
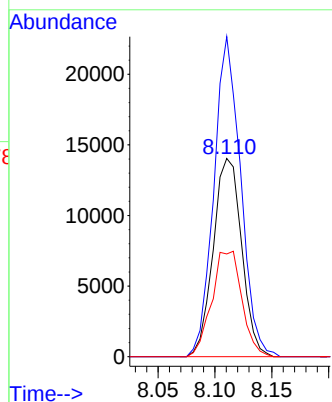


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 804
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB144251BL

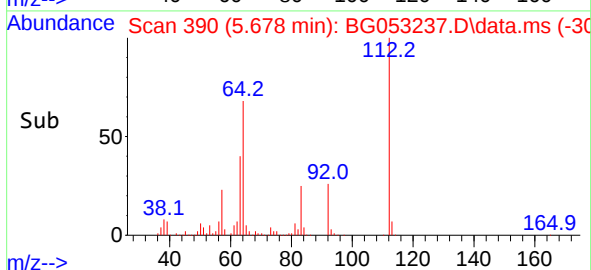
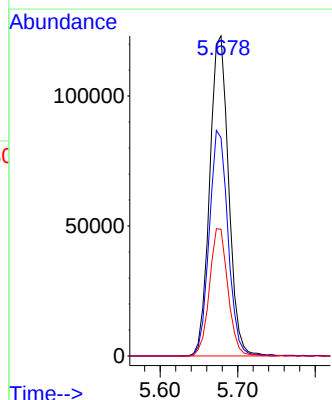
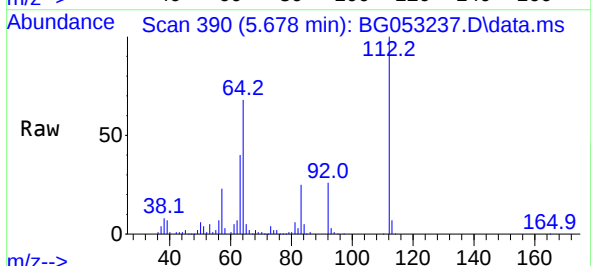


Tgt Ion:152 Resp: 24414
Ion Ratio Lower Upper
152 100
150 161.4 114.6 172.0
115 51.8 45.9 68.9



#5
2-Fluorophenol
Concen: 146.393 ng
RT: 5.678 min Scan# 390
Delta R.T. -0.006 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

Tgt Ion:112 Resp: 208498
Ion Ratio Lower Upper
112 100
64 68.2 48.0 72.0
63 39.6 26.5 39.7

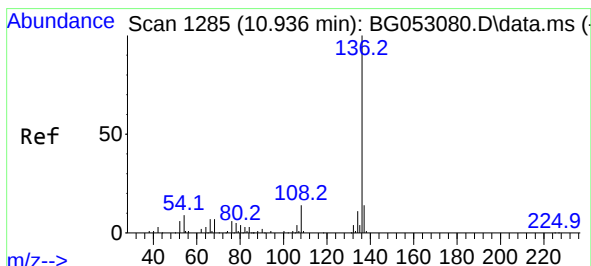
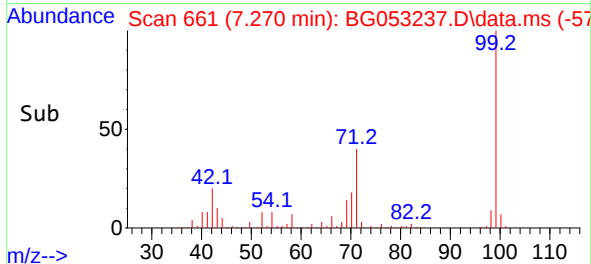
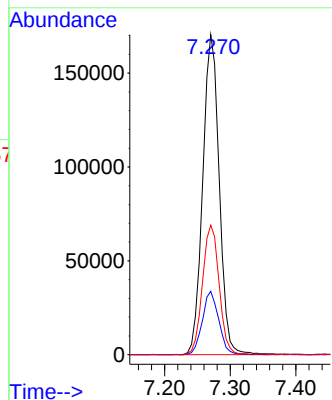
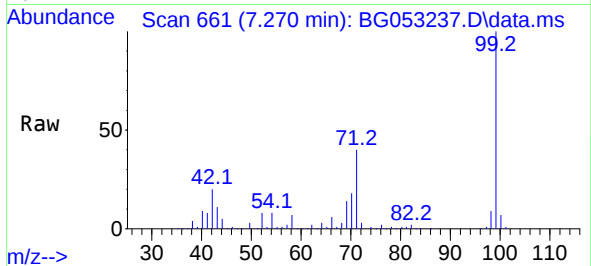




#7
Phenol-d6
Concen: 136.080 ng
RT: 7.270 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

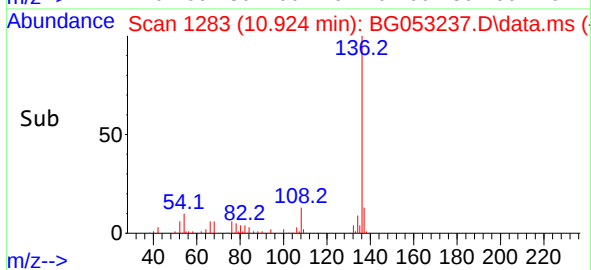
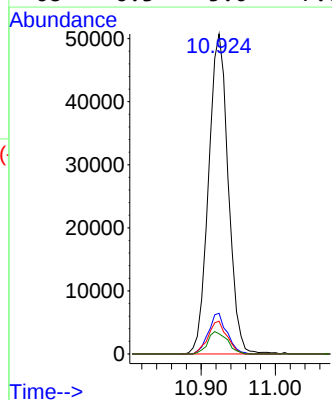
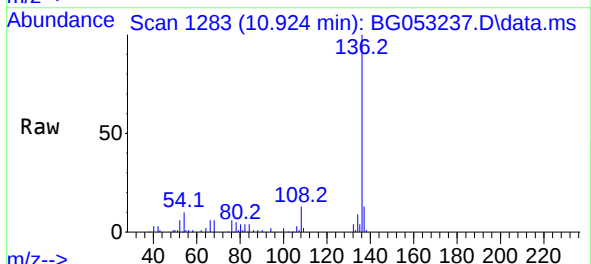
Instrument :
BNA_G
ClientSampleId :
PB144251BL

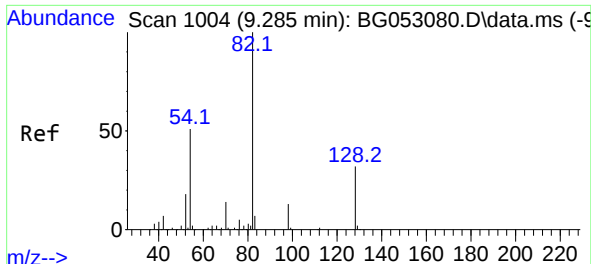
Tgt Ion: 99 Resp: 298875
Ion Ratio Lower Upper
99 100
42 19.8 14.7 22.1
71 40.5 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.924 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

Tgt Ion: 136 Resp: 93523
Ion Ratio Lower Upper
136 100
137 12.7 9.4 14.2
54 10.2 6.4 9.6#
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 89.970 ng

RT: 9.273 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BG053237.D

Acq: 21 Apr 2022 12:09

Instrument :

BNA_G

ClientSampleId :

PB144251BL

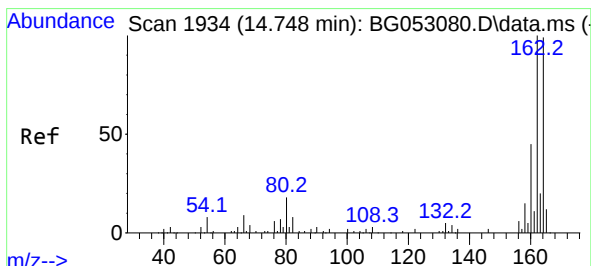
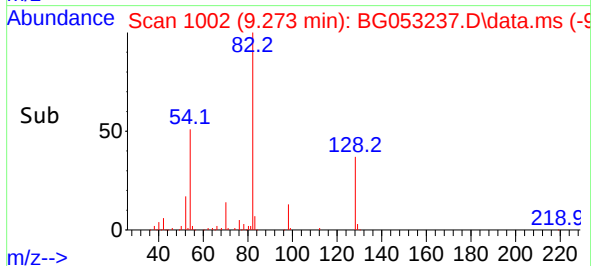
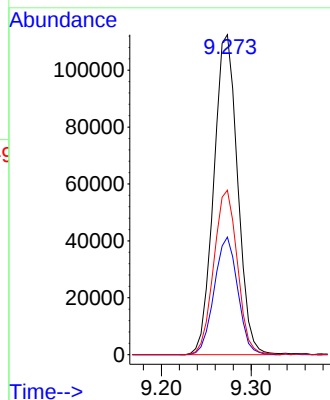
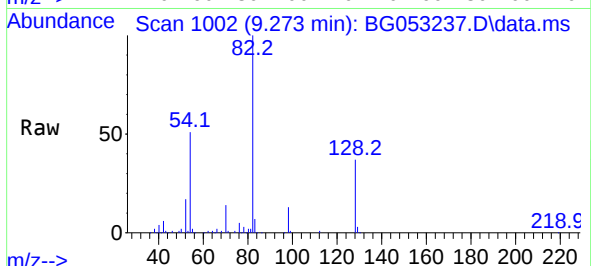
Tgt Ion: 82 Resp: 207230

Ion Ratio Lower Upper

82 100

128 36.8 31.3 46.9

54 51.4 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.737 min Scan# 1932

Delta R.T. -0.012 min

Lab File: BG053237.D

Acq: 21 Apr 2022 12:09

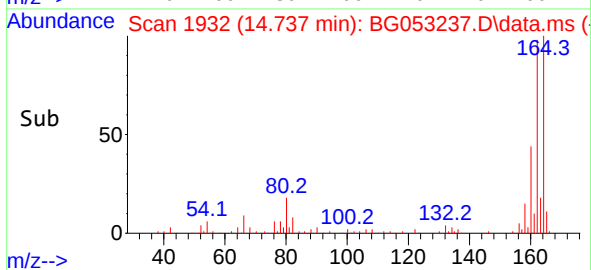
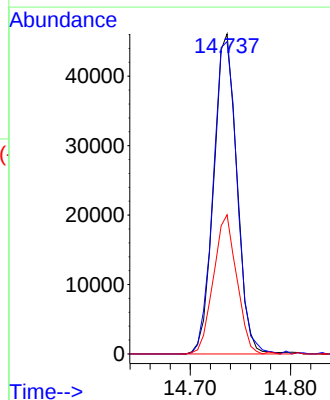
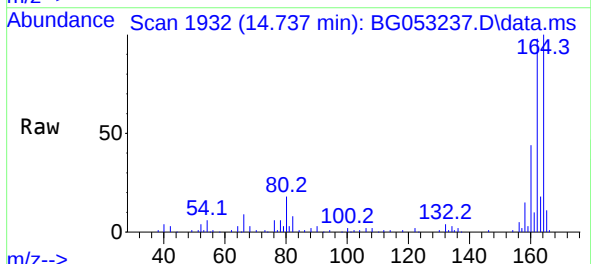
Tgt Ion:164 Resp: 73496

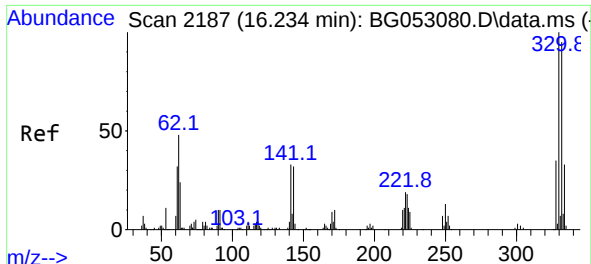
Ion Ratio Lower Upper

164 100

162 97.6 80.0 120.0

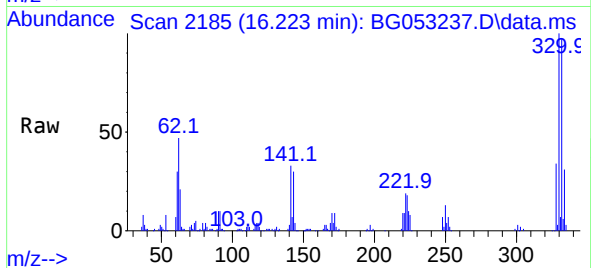
160 43.5 38.8 58.2



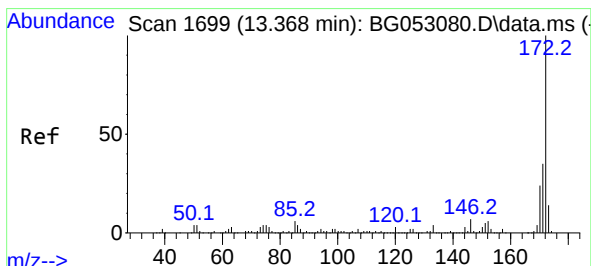
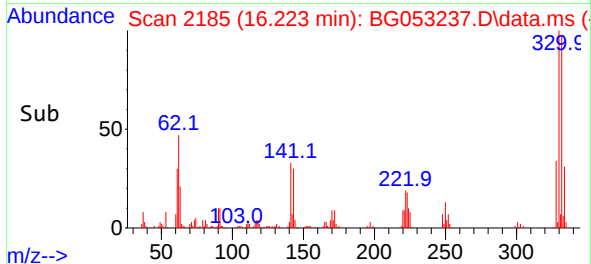
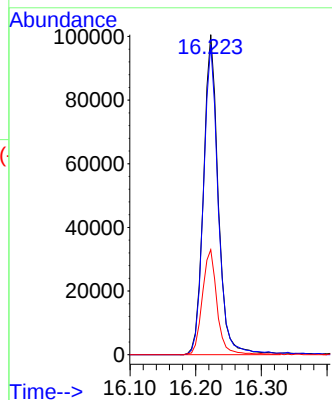


#42
2,4,6-Tribromophenol
Concen: 134.833 ng
RT: 16.223 min Scan# 2185
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

Instrument :
BNA_G
ClientSampleId :
PB144251BL

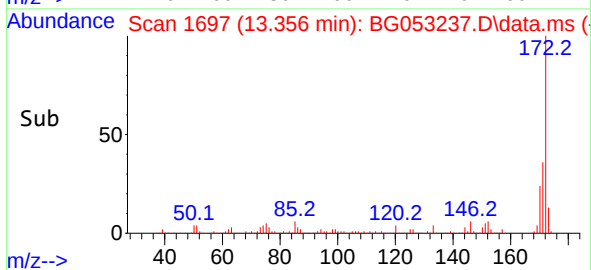
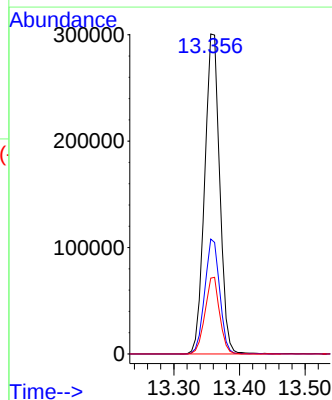
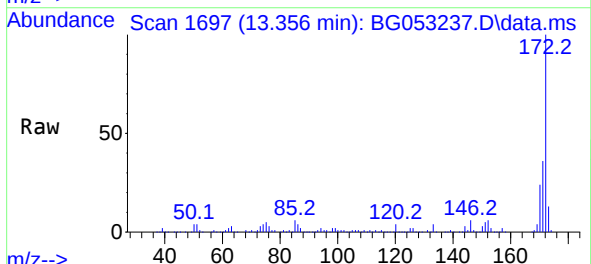


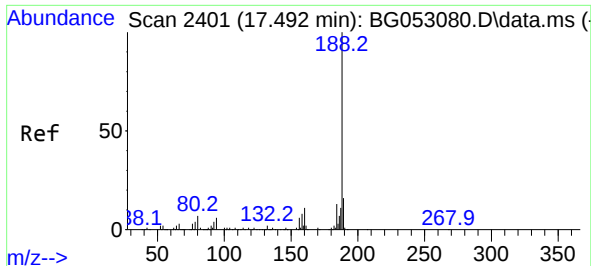
Tgt Ion:330 Resp: 157659
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 32.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 90.154 ng
RT: 13.356 min Scan# 1697
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

Tgt Ion:172 Resp: 480525
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.7 18.0 27.0

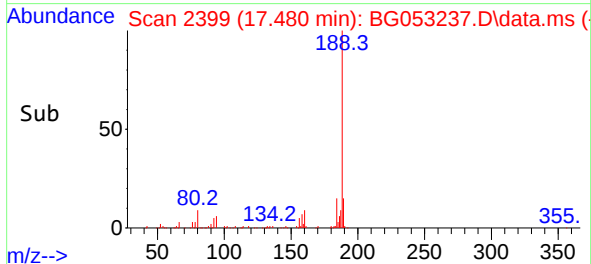
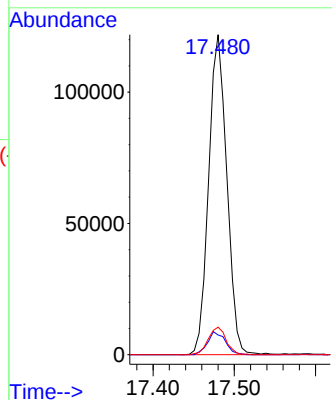
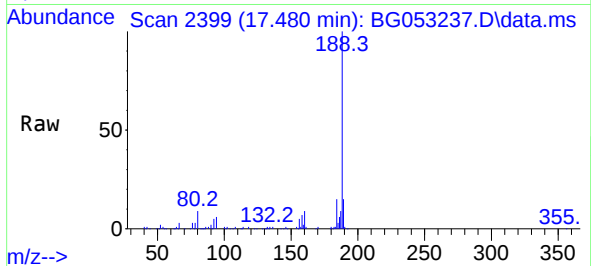




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 21
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

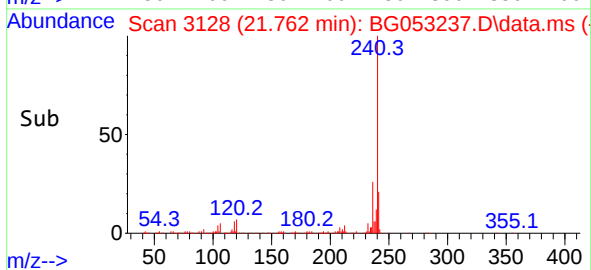
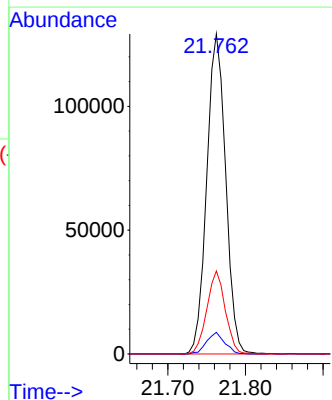
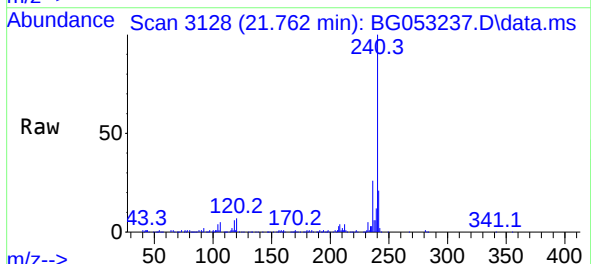
Instrument :
BNA_G
ClientSampleId :
PB144251BL

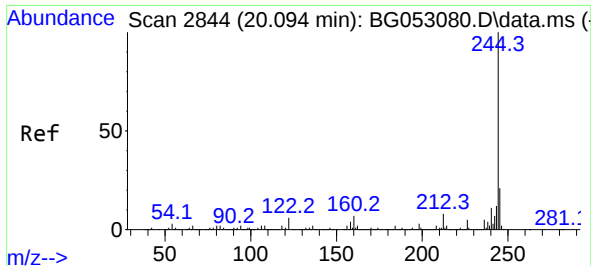
Tgt Ion:188 Resp: 189127
Ion Ratio Lower Upper
188 100
94 6.2 5.7 8.5
80 8.6 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 3128
Delta R.T. -0.012 min
Lab File: BG053237.D
Acq: 21 Apr 2022 12:09

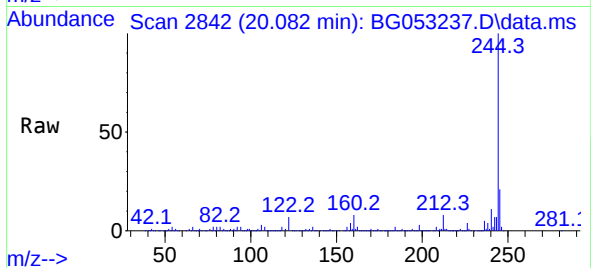
Tgt Ion:240 Resp: 218783
Ion Ratio Lower Upper
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120 6.8 5.4 8.0
236 26.0 19.8 29.6



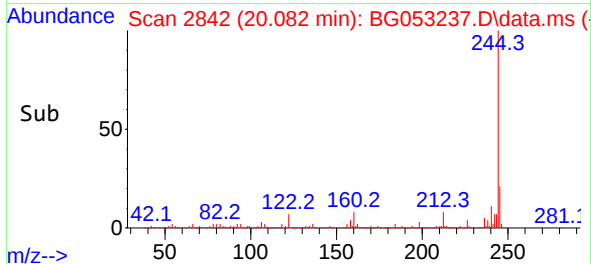
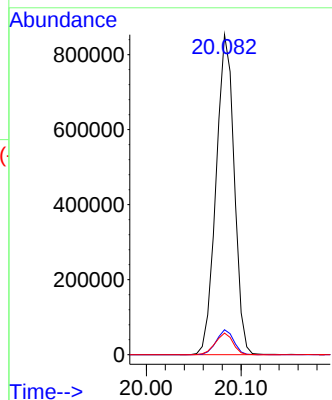


#79
 Terphenyl-d14
 Concen: 87.695 ng
 RT: 20.082 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG053237.D
 Acq: 21 Apr 2022 12:09

Instrument :
 BNA_G
 ClientSampleId :
 PB144251BL



Tgt Ion:244 Resp: 1136015
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.4 8.2
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.058 min Scan# 3689
 Delta R.T. -0.017 min
 Lab File: BG053237.D
 Acq: 21 Apr 2022 12:09

Tgt Ion:264 Resp: 211304
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 19.8 15.1 22.7

