

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042122\
 Data File : BG053247.D
 Acq On : 21 Apr 2022 18:49
 Operator : CG/JU
 Sample : N2451-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-9145

Quant Time: Apr 22 02:57:31 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	8.113	152	32217	20.000	ng	0.00
21) Naphthalene-d8	10.927	136	131900	20.000	ng	0.00
39) Acenaphthene-d10	14.733	164	100875	20.000	ng	-0.01
64) Phenanthrene-d10	17.483	188	244913	20.000	ng	0.00
76) Chrysene-d12	21.765	240	226402	20.000	ng	0.00
86) Perylene-d12	25.061	264	223888	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	198403	105.565	ng	0.00
7) Phenol-d6	7.273	99	293859	101.391	ng	0.00
23) Nitrobenzene-d5	9.270	82	210933	64.933	ng	-0.01
42) 2,4,6-Tribromophenol	16.225	330	163591	101.933	ng	0.00
45) 2-Fluorobiphenyl	13.359	172	483811	66.134	ng	0.00
79) Terphenyl-d14	20.085	244	918352	68.507	ng	0.00

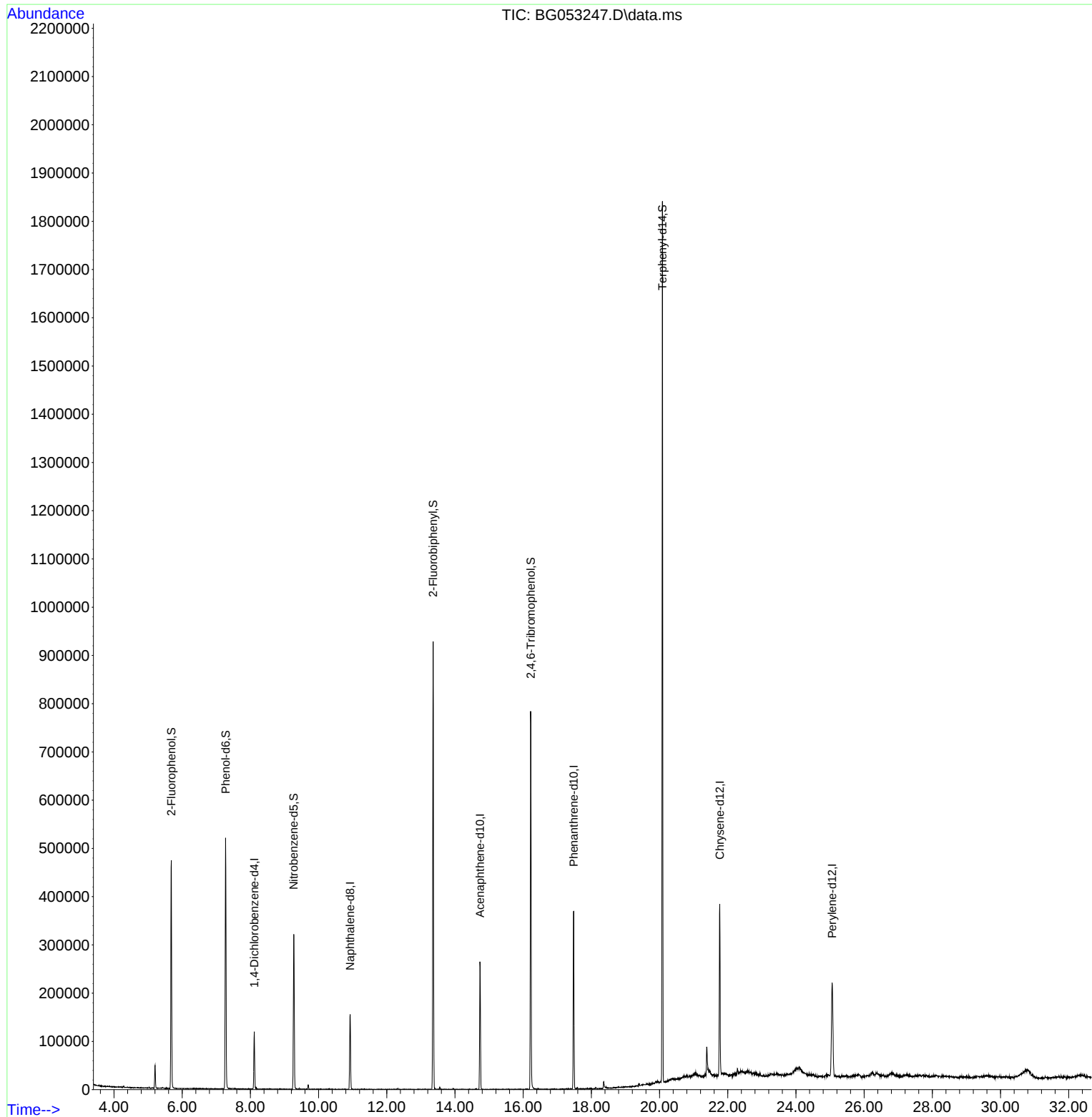
Target Compounds	Qvalue

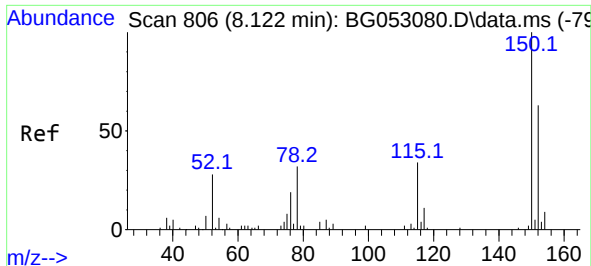
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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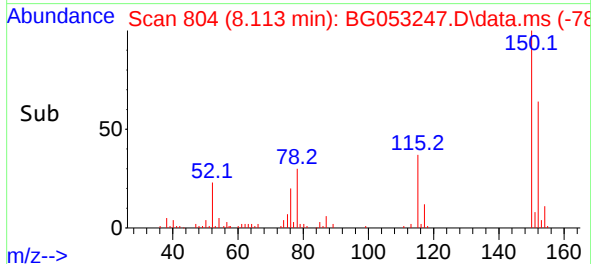
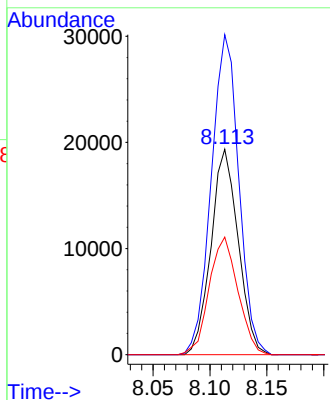
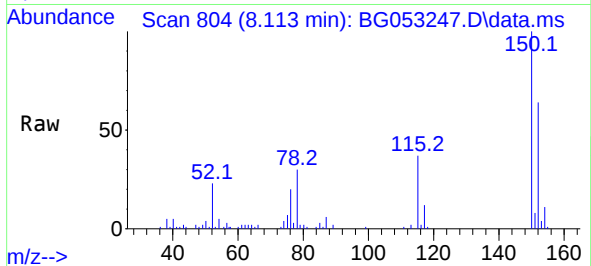




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.113 min Scan# 804
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

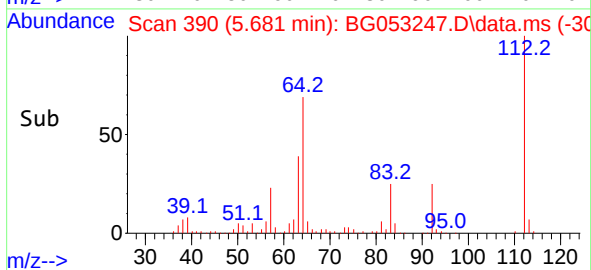
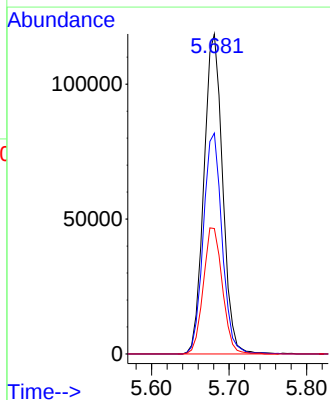
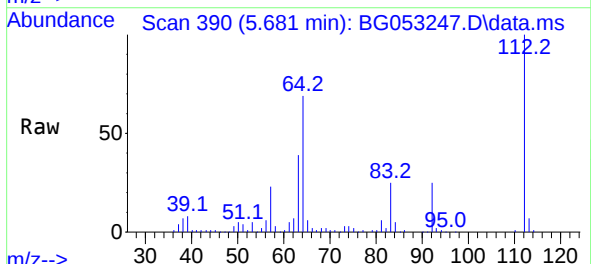
Instrument :
BNA_G
ClientSampleId :
SB-9145

Tgt Ion:152 Resp: 32217
Ion Ratio Lower Upper
152 100
150 155.8 114.6 172.0
115 57.3 45.9 68.9



#5
2-Fluorophenol
Concen: 105.565 ng
RT: 5.681 min Scan# 390
Delta R.T. -0.003 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:112 Resp: 198403
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 39.2 26.5 39.7

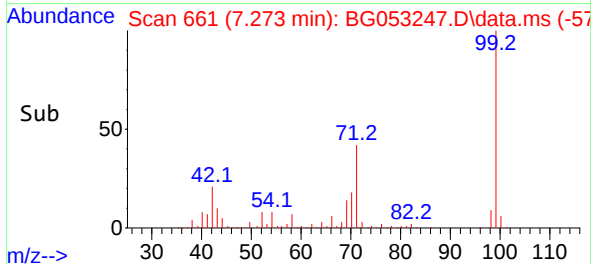
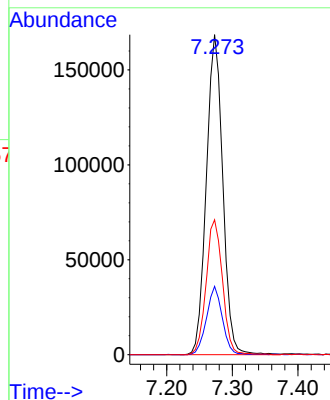
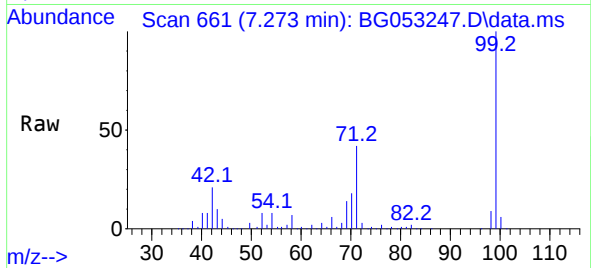




#7
Phenol-d6
Concen: 101.391 ng
RT: 7.273 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

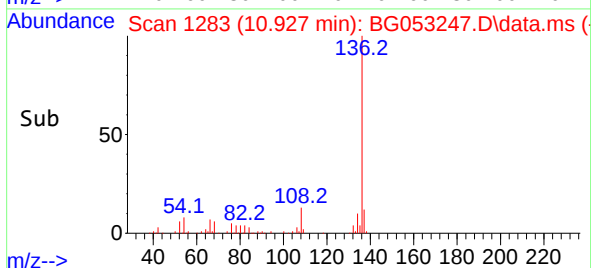
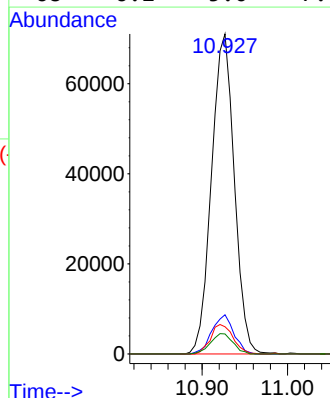
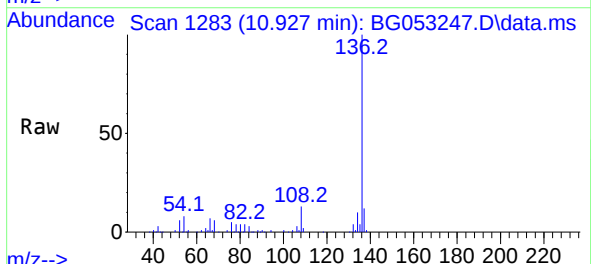
Instrument :
BNA_G
ClientSampleId :
SB-9145

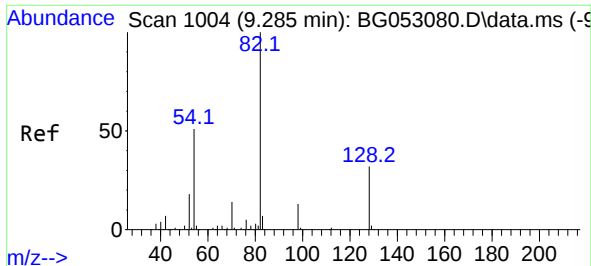
Tgt Ion: 99 Resp: 293859
Ion Ratio Lower Upper
99 100
42 21.4 14.7 22.1
71 42.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.927 min Scan# 1283
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:136 Resp: 131900
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 8.5 6.4 9.6
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 64.933 ng

RT: 9.270 min Scan# 1001

Delta R.T. -0.015 min

Lab File: BG053247.D

Acq: 21 Apr 2022 18:49

Instrument :

BNA_G

ClientSampleId :

SB-9145

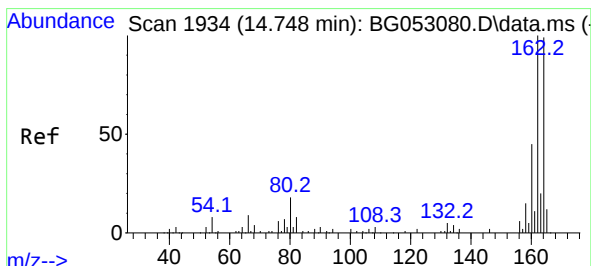
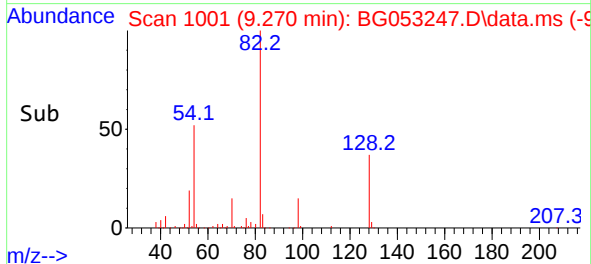
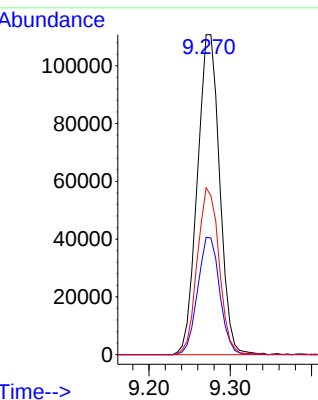
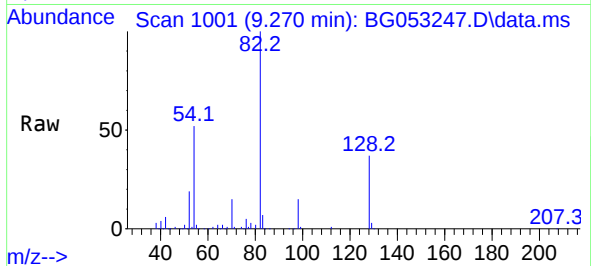
Tgt Ion: 82 Resp: 210933

Ion Ratio Lower Upper

82 100

128 36.7 31.3 46.9

54 52.2 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.733 min Scan# 1931

Delta R.T. -0.015 min

Lab File: BG053247.D

Acq: 21 Apr 2022 18:49

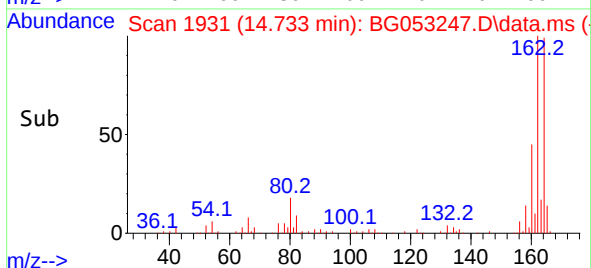
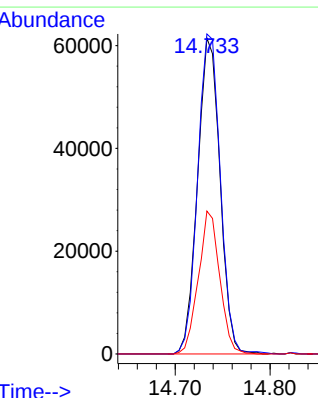
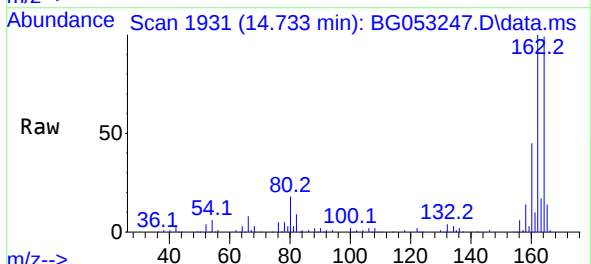
Tgt Ion: 164 Resp: 100875

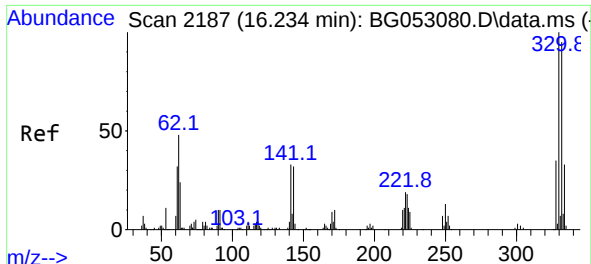
Ion Ratio Lower Upper

164 100

162 101.3 80.0 120.0

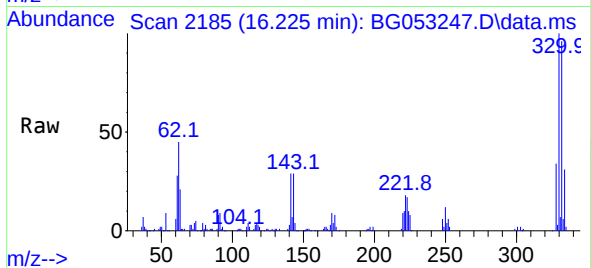
160 45.2 38.8 58.2



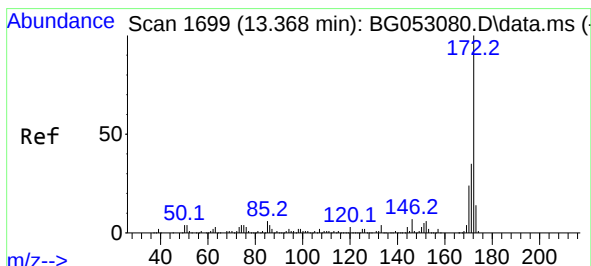
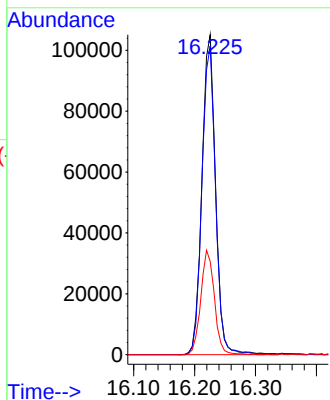
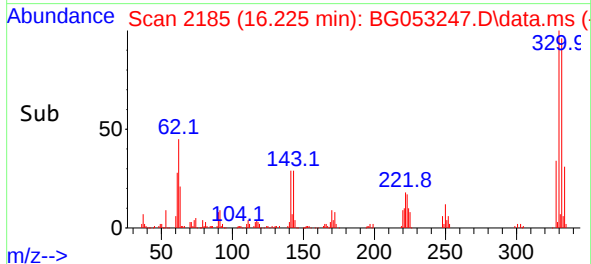


#42
2,4,6-Tribromophenol
Concen: 101.933 ng
RT: 16.225 min Scan# 2185
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

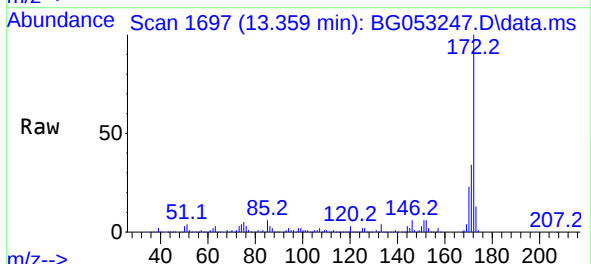
Instrument :
BNA_G
ClientSampleId :
SB-9145



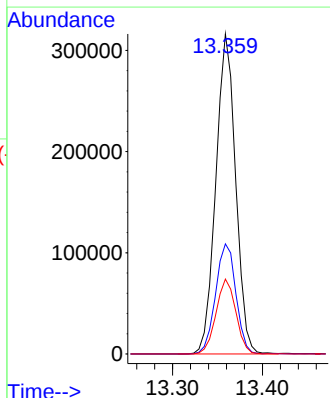
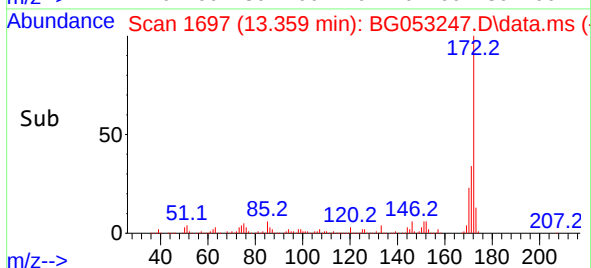
Tgt Ion:330 Resp: 163591
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.6
141 32.6 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 66.134 ng
RT: 13.359 min Scan# 1697
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49



Tgt Ion:172 Resp: 483811
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 23.4 18.0 27.0

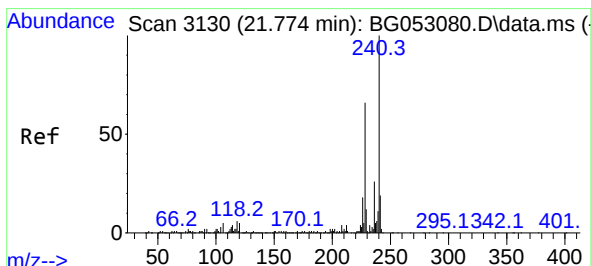
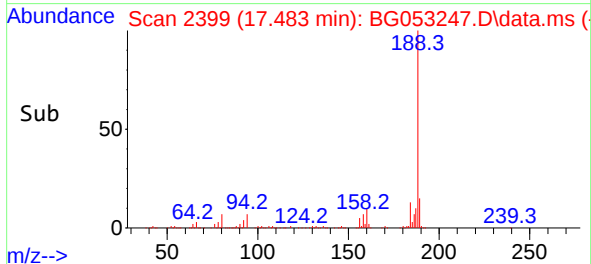
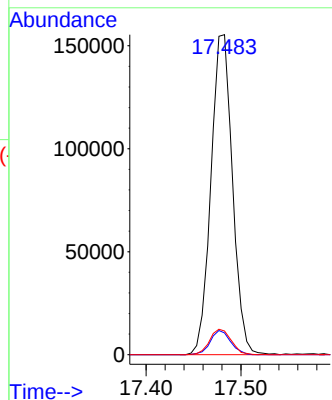
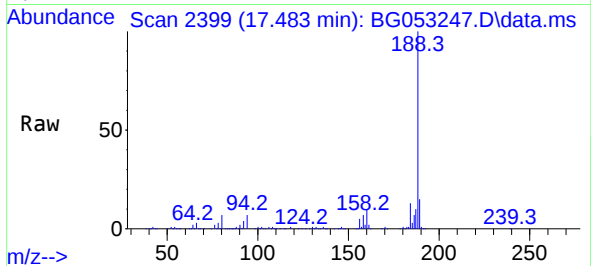




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.483 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

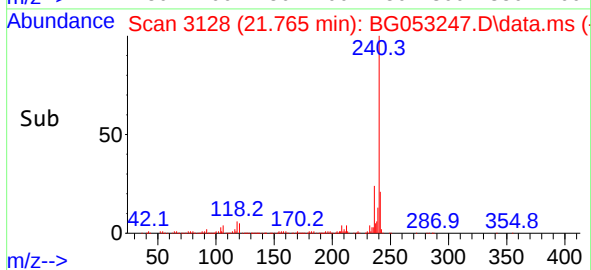
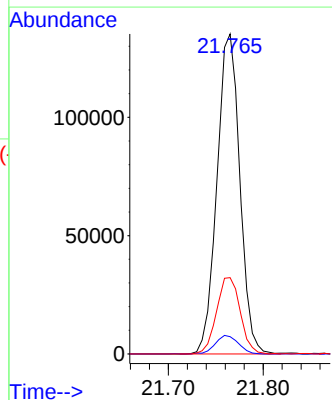
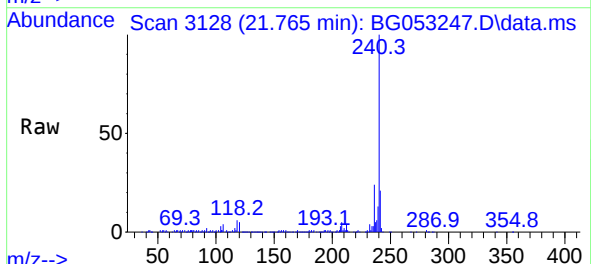
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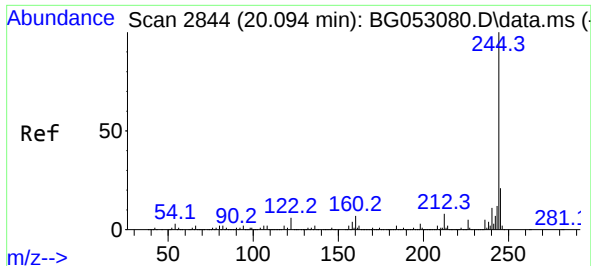
Tgt Ion:188 Resp: 244913
Ion Ratio Lower Upper
188 100
94 6.8 5.7 8.5
80 7.4 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.765 min Scan# 3128
Delta R.T. -0.009 min
Lab File: BG053247.D
Acq: 21 Apr 2022 18:49

Tgt Ion:240 Resp: 226402
Ion Ratio Lower Upper
240 100
120 5.4 5.4 8.0
236 23.9 19.8 29.6

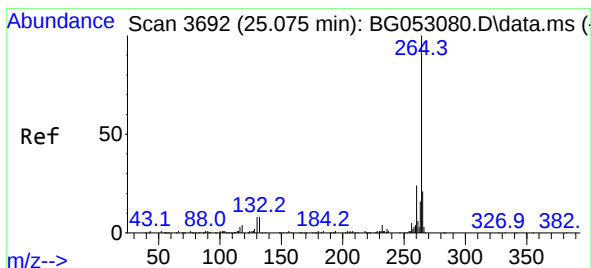
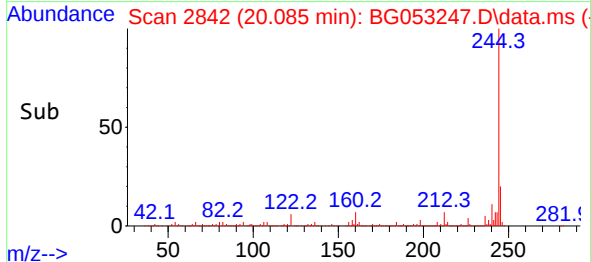
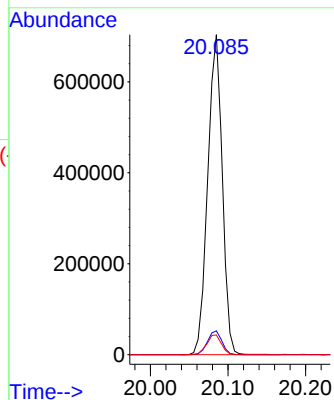
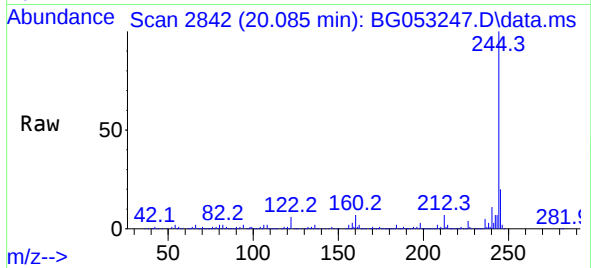




#79
 Terphenyl-d14
 Concen: 68.507 ng
 RT: 20.085 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053247.D
 Acq: 21 Apr 2022 18:49

Instrument :
 BNA_G
 ClientSampleId :
 SB-9145

Tgt Ion:244 Resp: 918352
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.4 8.2
 122 6.2 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.061 min Scan# 3689
 Delta R.T. -0.015 min
 Lab File: BG053247.D
 Acq: 21 Apr 2022 18:49

Tgt Ion:264 Resp: 223888
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.2 27.2
 265 22.9 15.1 22.7#

