

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035145.D
 Acq On : 14 Jun 2018 19:50
 Operator : SJ/JU
 Sample : J3467-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-061218

Quant Time: Jun 15 02:14:32 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	43536	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	166154	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	130435	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	361280	20.00	ng	0.00
75) Chrysene-d12	21.69	240	397487	20.00	ng	-0.02
86) Perylene-d12	24.93	264	366940	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	165785	64.26	ng	0.00
7) Phenol-d6	7.21	99	153338	40.27	ng	0.00
23) Nitrobenzene-d5	9.22	82	397707	113.78	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	301357	180.48	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	947790	94.46	ng	-0.02
78) Terphenyl-d14	20.04	244	1832948	96.59	ng	0.00

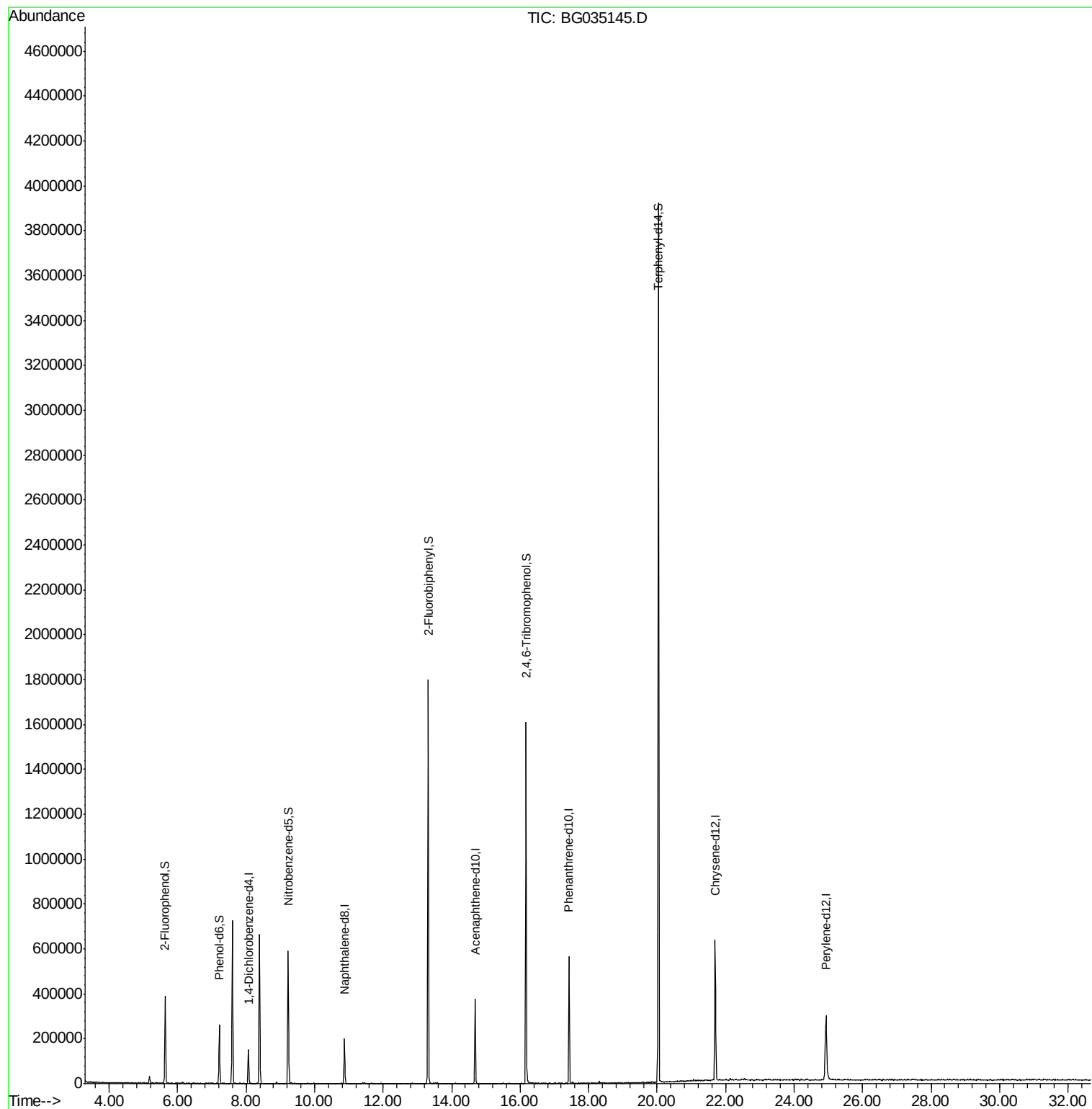
Target Compounds Qvalue

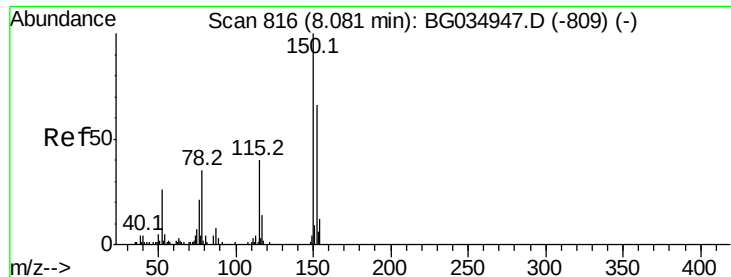
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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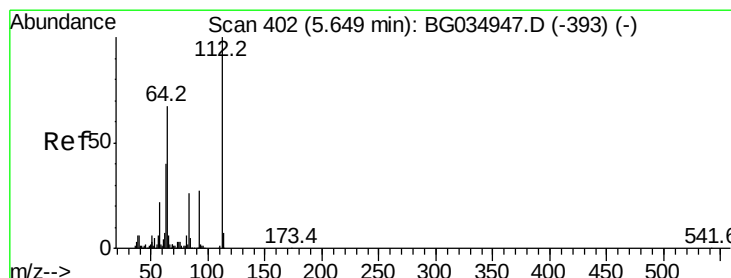
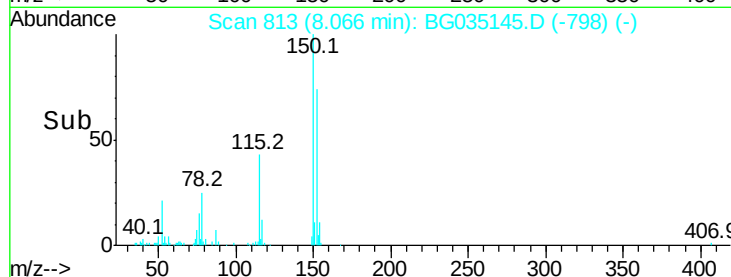
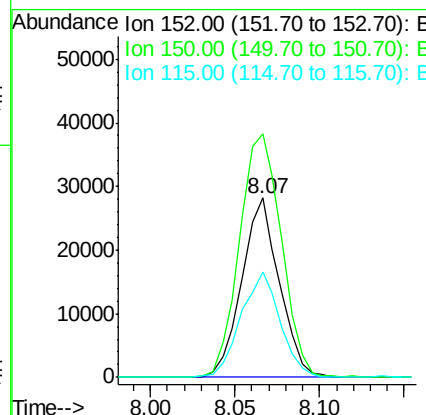
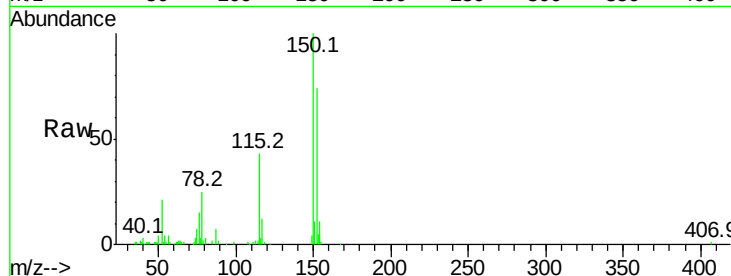


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Instrument :
BNA_G
ClientSampleId :
FB-061218

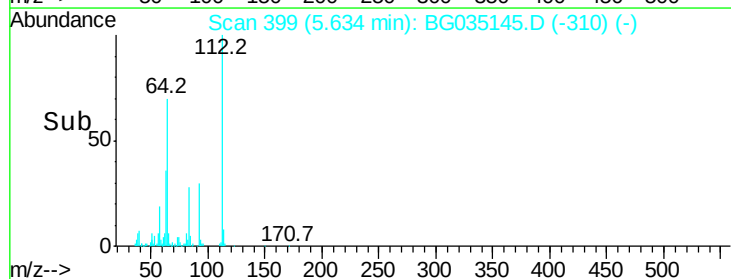
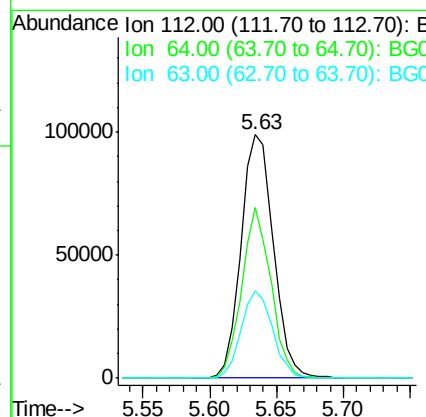
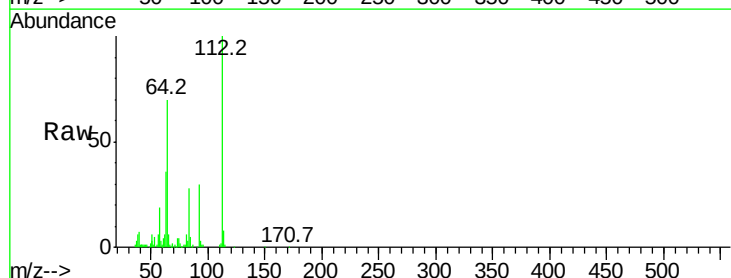
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.8	126.6	189.8
115	58.9	53.0	79.4

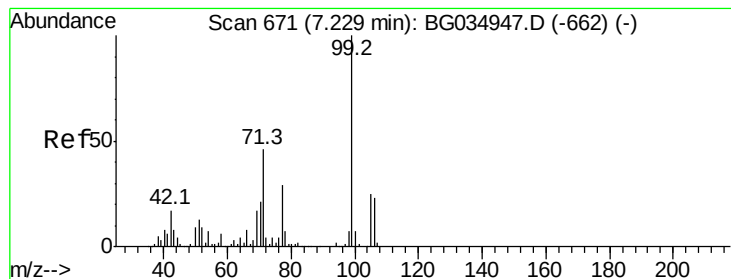


#5

2-Fluorophenol
Concen: 64.264 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035145.D
Acq: 14 Jun 2018 19:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	36.0	30.1	45.1





#7

Phenol-d6

Concen: 40.272 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Instrument :

BNA_G

ClientSampleId :

FB-061218

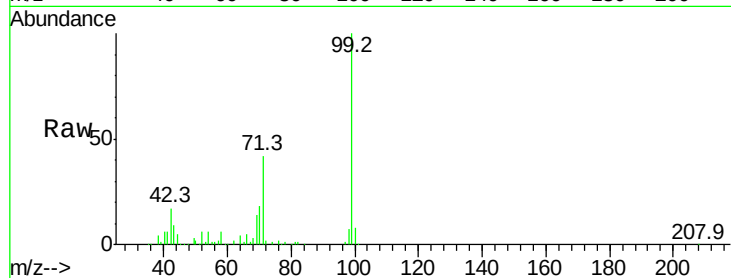
Tot Ion: 99 Resp: 153338

Ion Ratio Lower Upper

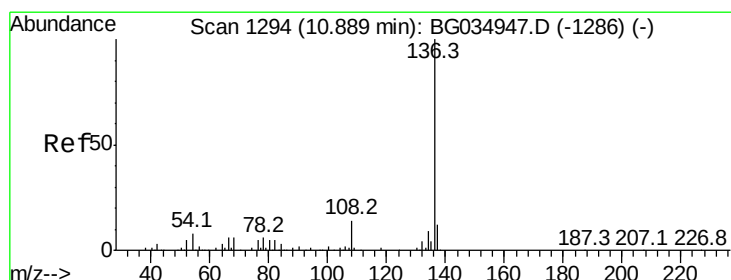
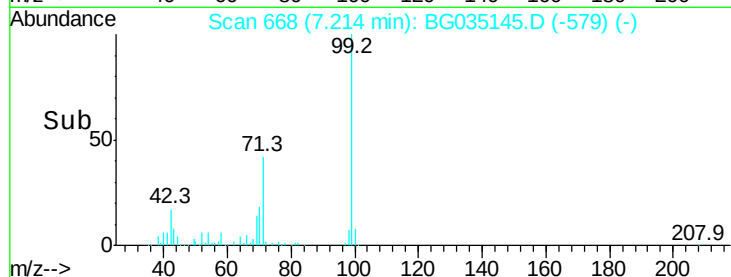
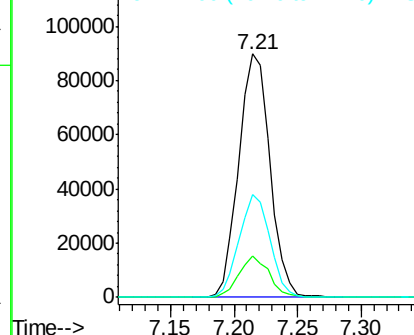
99 100

42 16.8 14.1 21.1

71 42.3 26.1 39.1#



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.87 min Scan# 1290

Delta R.T. -0.02 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Tgt Ion: 136 Resp: 166154

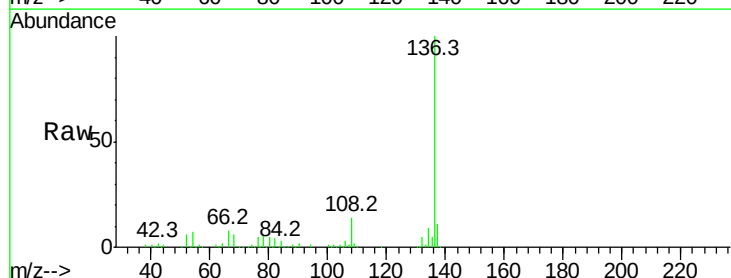
Ion Ratio Lower Upper

136 100

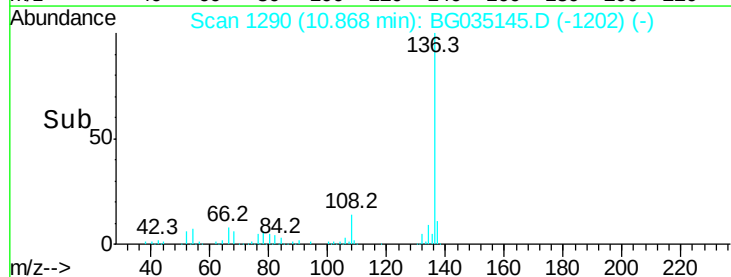
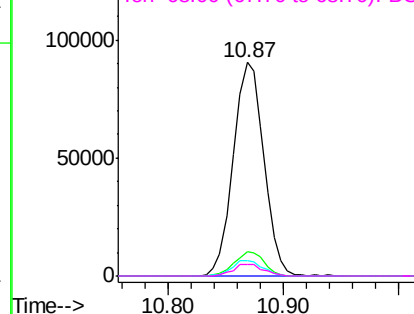
137 11.2 9.2 13.8

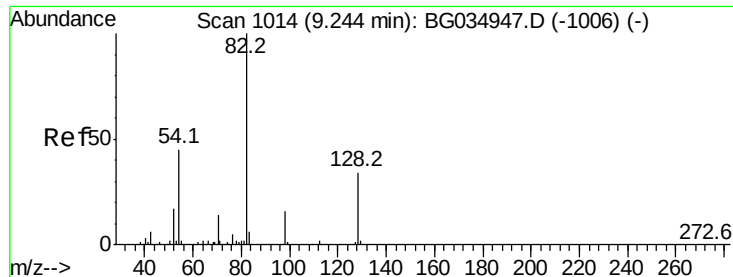
54 7.1 10.3 15.5#

68 5.5 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC





#23

Nitrobenzene-d5

Concen: 113.778 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Instrument :

BNA_G

ClientSampleId :

FB-061218

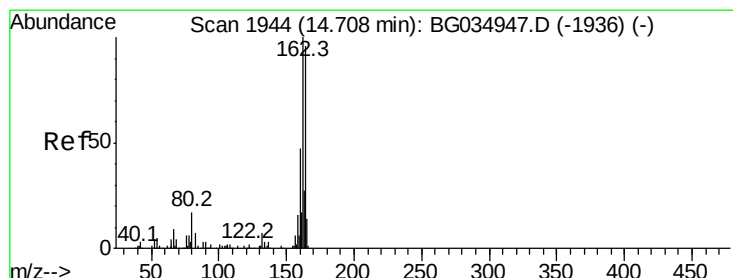
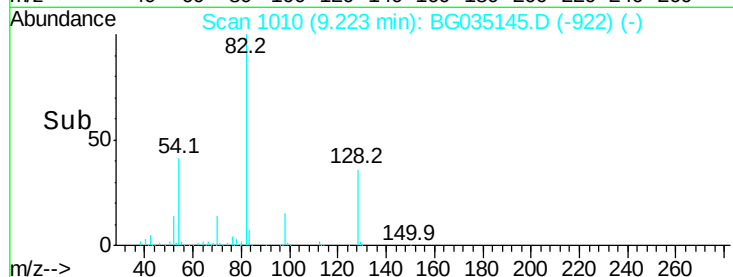
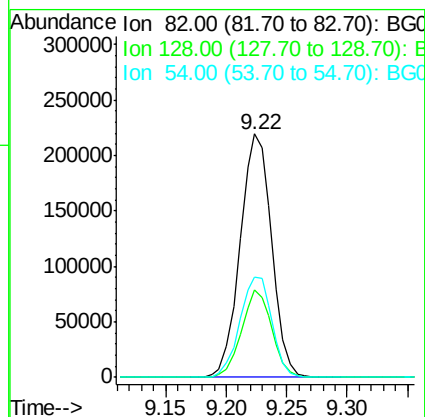
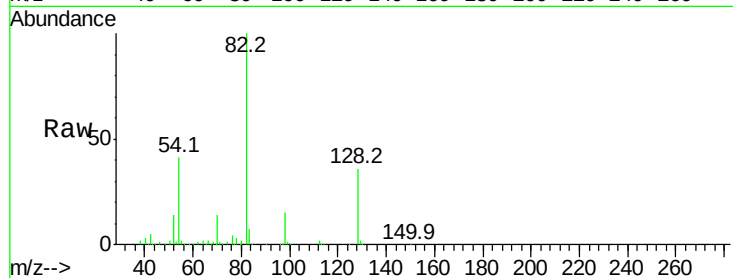
Tot Ion: 82 Resp: 397707

Ion Ratio Lower Upper

82 100

128 36.0 29.7 44.5

54 41.4 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

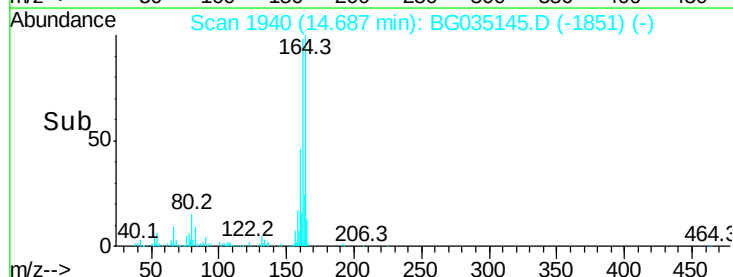
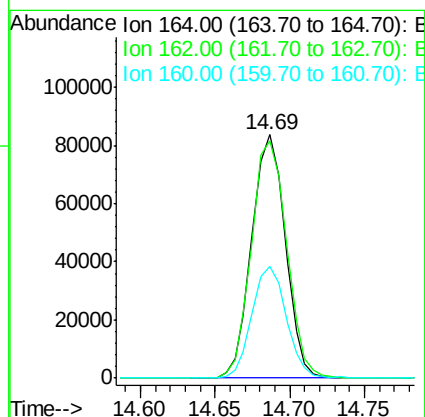
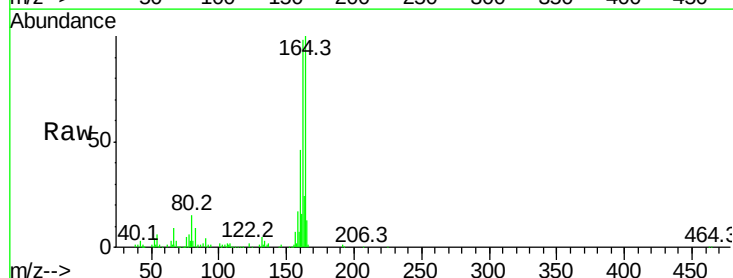
Tgt Ion: 164 Resp: 130435

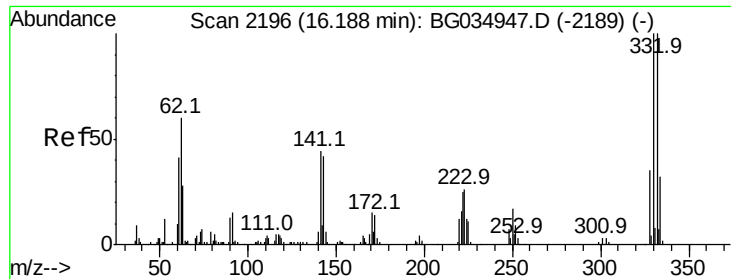
Ion Ratio Lower Upper

164 100

162 97.6 78.8 118.2

160 45.7 35.4 53.0

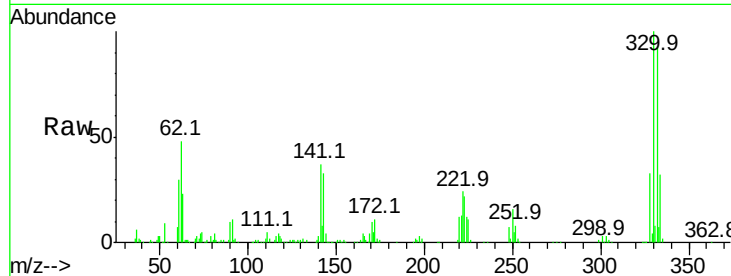




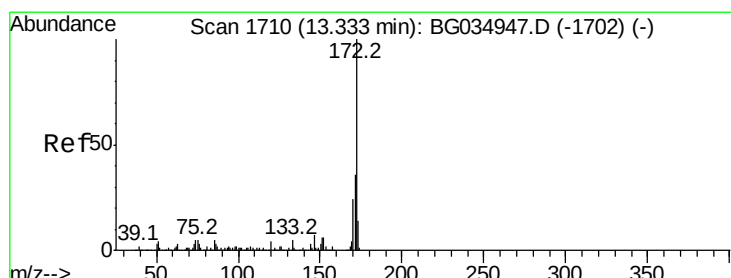
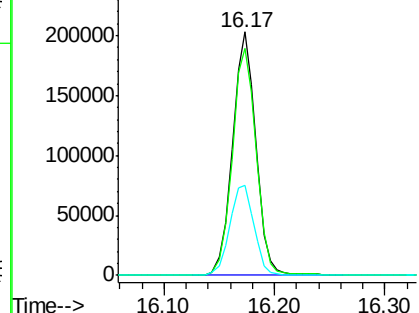
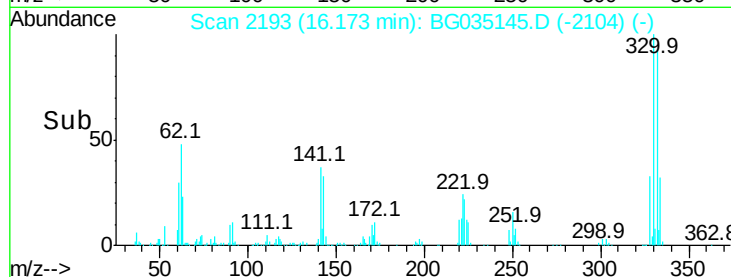
#41
 2,4,6-Tribromophenol
 Concen: 180.482 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Instrument :
 BNA_G
 ClientSampled :
 FB-061218

Tot Ion:330 Resp: 301357
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 38.6 25.2 37.8#

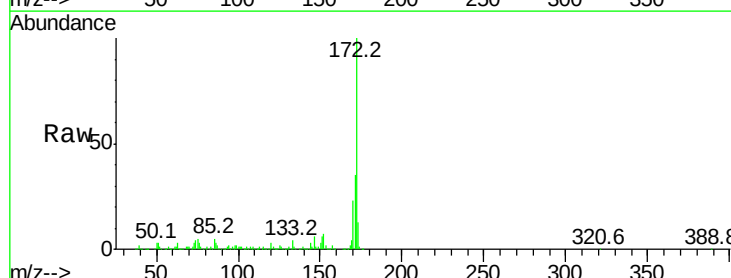


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

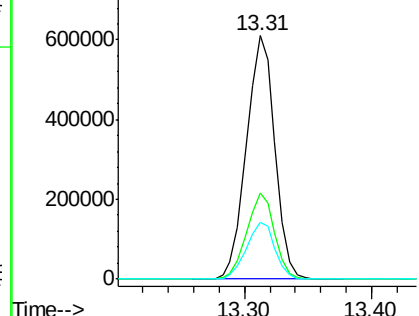
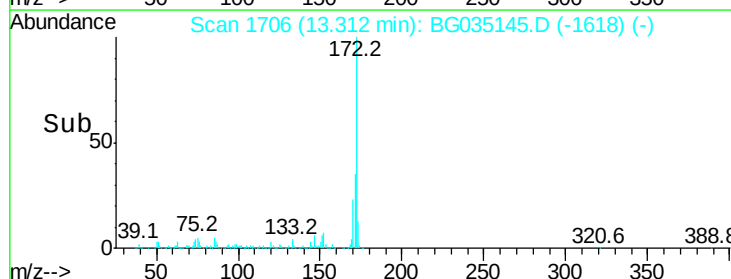


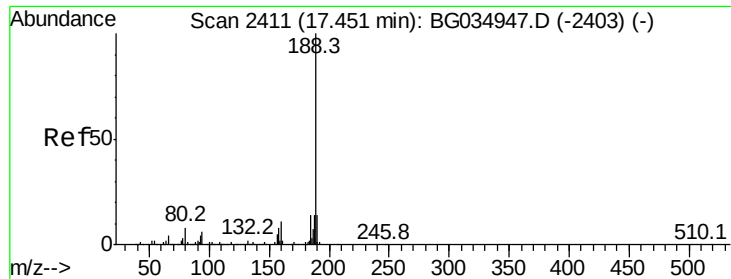
#44
 2-Fluorobiphenyl
 Concen: 94.463 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035145.D
 Acq: 14 Jun 2018 19:50

Tgt Ion:172 Resp: 947790
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 23.5 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Instrument :

BNA_G

ClientSampleId :

FB-061218

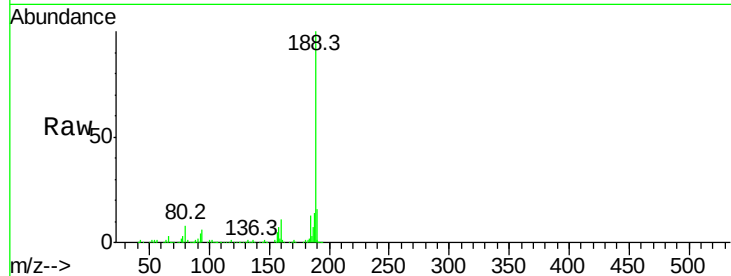
Tot Ion:188 Resp: 361280

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

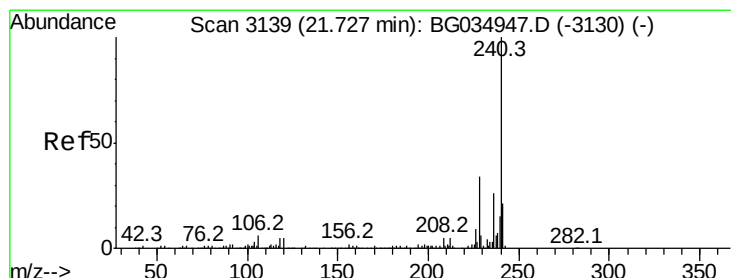
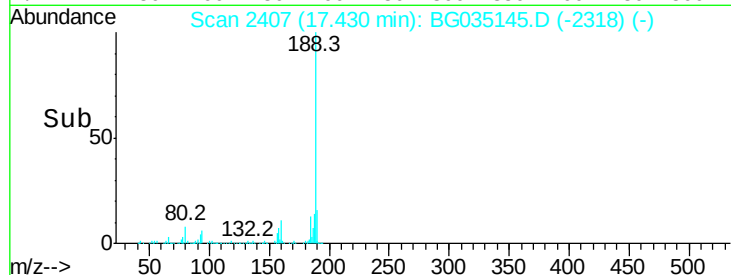
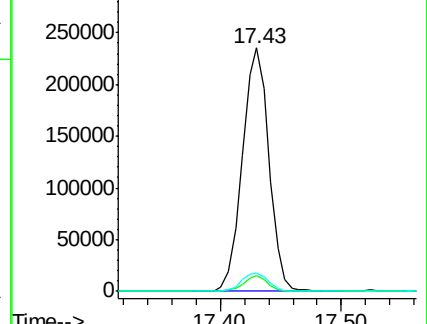
80 7.6 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

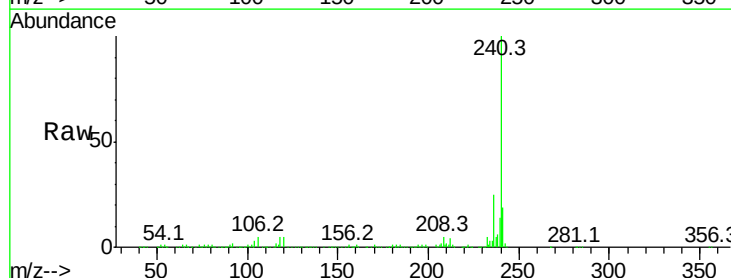
Tgt Ion:240 Resp: 397487

Ion Ratio Lower Upper

240 100

120 4.7 6.8 10.2#

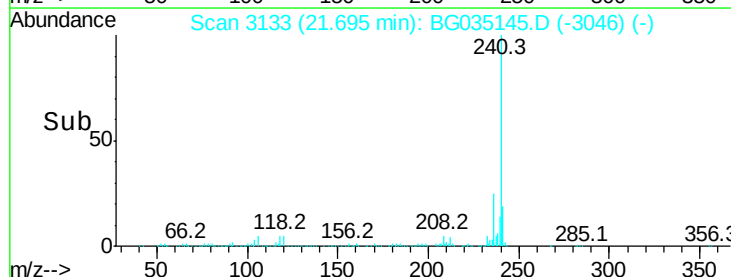
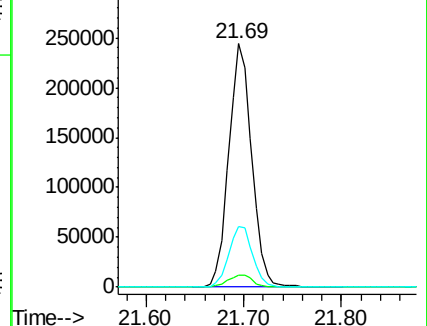
236 25.1 20.9 31.3

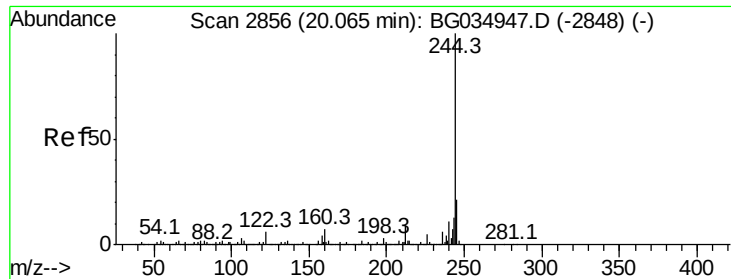


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.593 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

Instrument :

BNA_G

ClientSampleId :

FB-061218

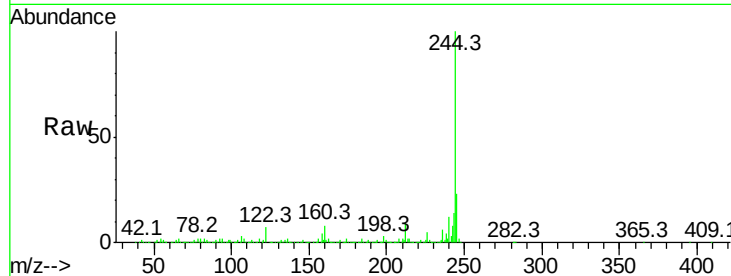
Tot Ion:244 Resp: 1832948

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

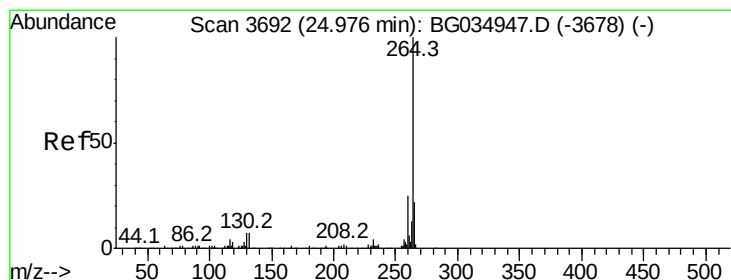
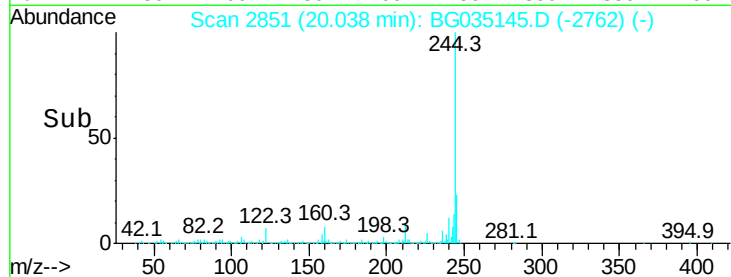
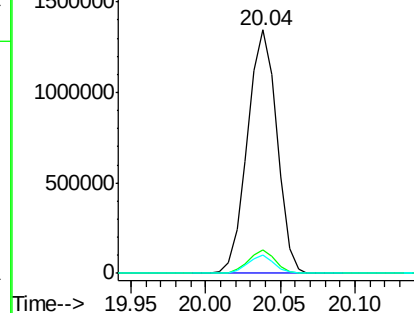
122 7.5 7.0 10.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035145.D

Acq: 14 Jun 2018 19:50

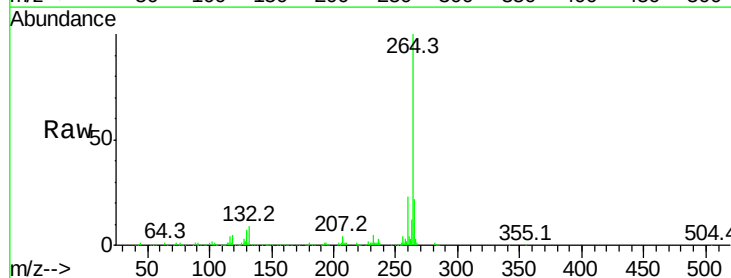
Tgt Ion:264 Resp: 366940

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

