

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035154.D
 Acq On : 15 Jun 2018 1:39
 Operator : SJ/JU
 Sample : PB110221BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BL

Quant Time: Jun 15 08:21:27 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	8.06	152	46530	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	166581	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	124672	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	341339	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	392056	20.00	ng	-0.02
86) Perylene-d12	24.92	264	339811	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404000	146.53	ng	0.00
7) Phenol-d6	7.22	99	595740	146.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	383539	109.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	249075	156.07	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	904641	94.33	ng	-0.02
78) Terphenyl-d14	20.04	244	1729411	92.40	ng	-0.01

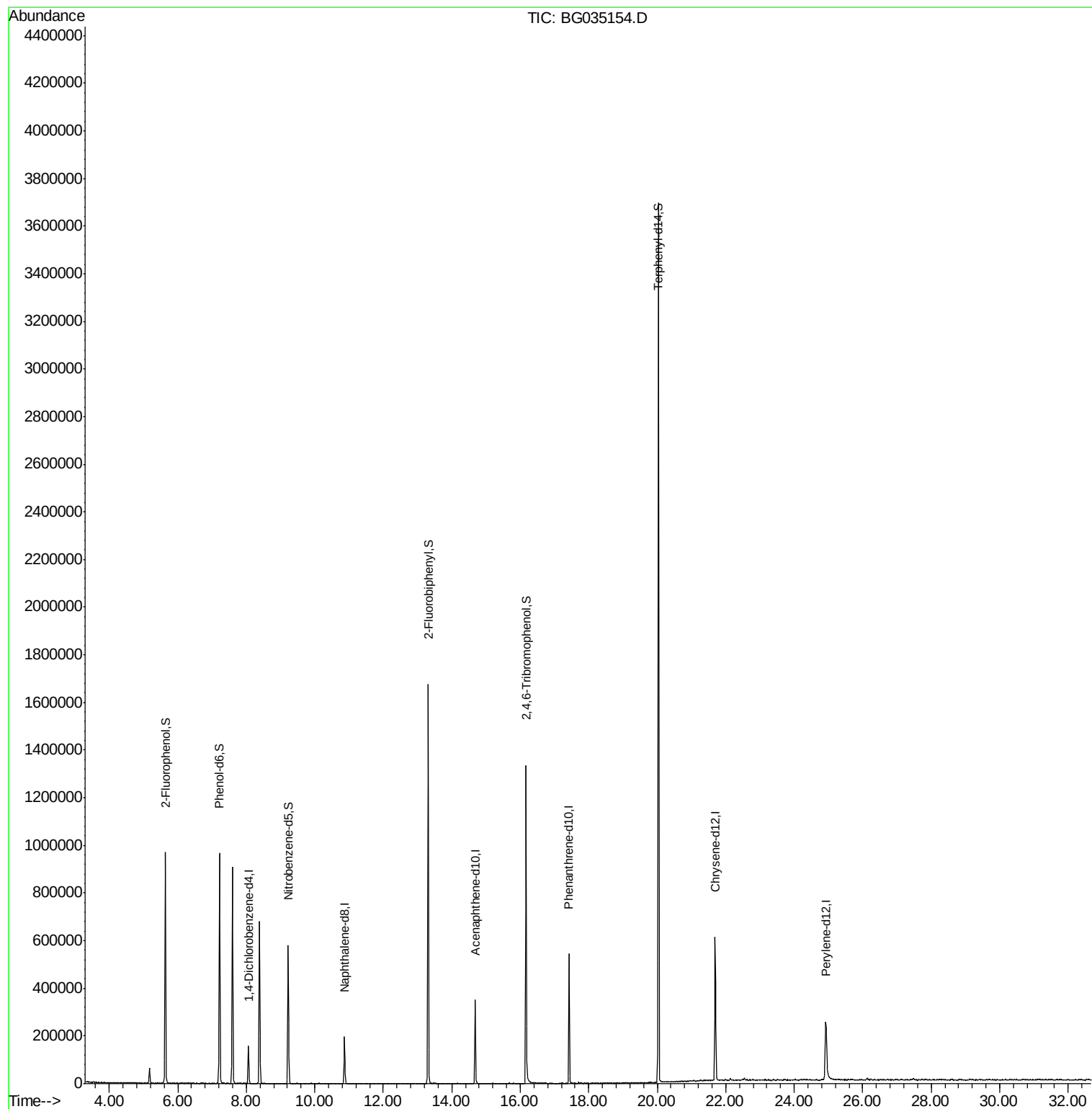
Target Compounds Qvalue

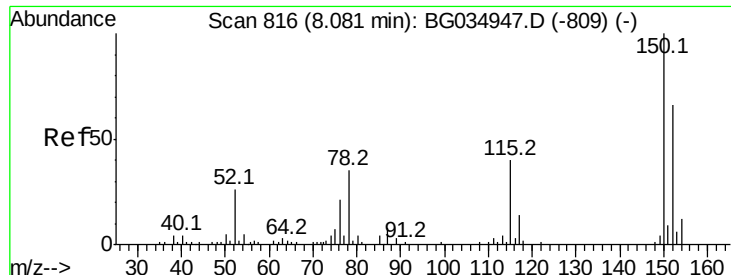
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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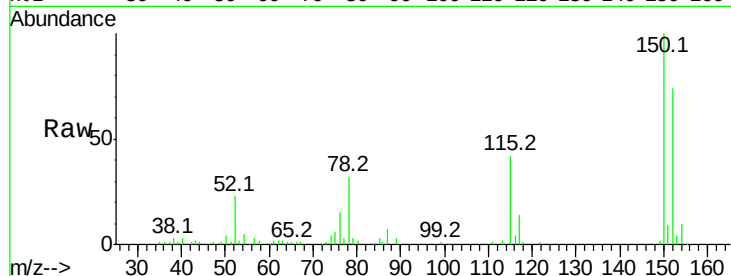


#1

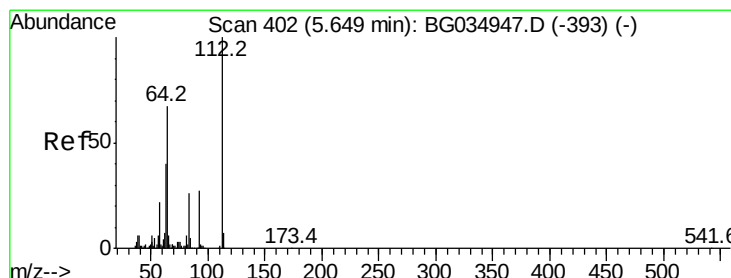
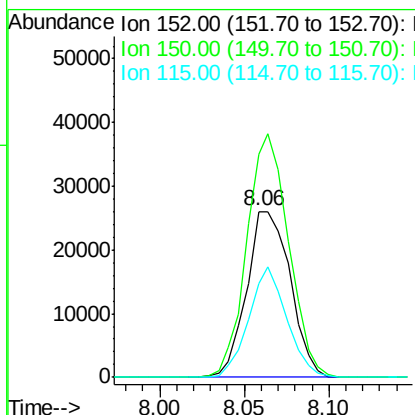
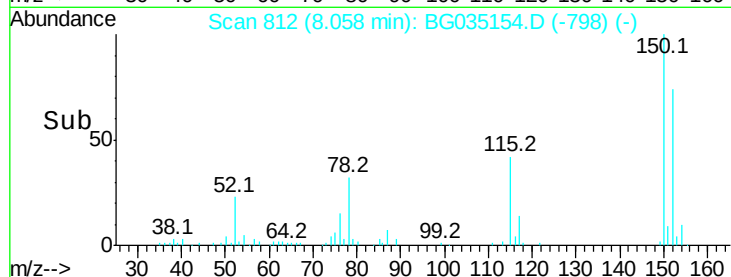
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Instrument :
BNA_G
ClientSampleId :
PB110221BL

Tot Ion:152 Resp: 46530
Ion Ratio Lower Upper
152 100
150 134.5 126.6 189.8
115 56.9 53.0 79.4



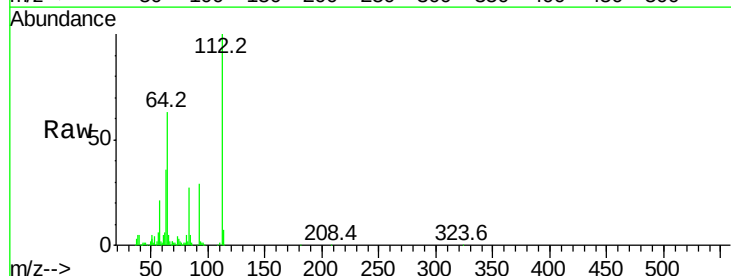
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



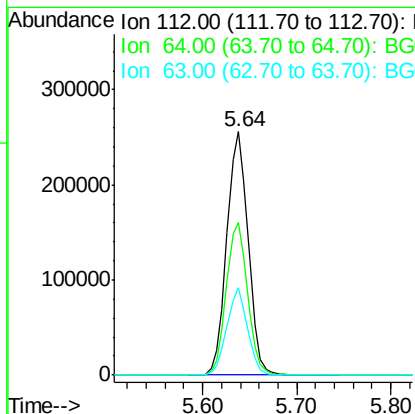
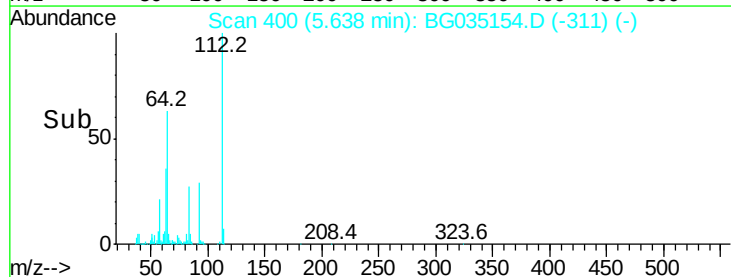
#5

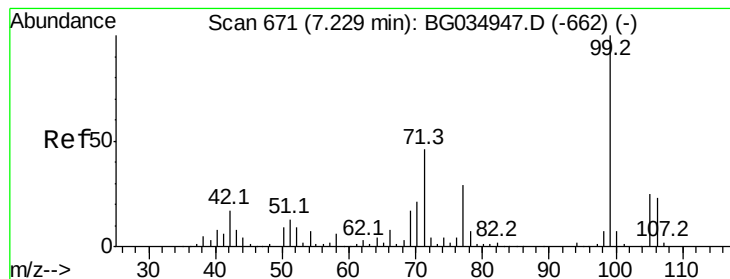
2-Fluorophenol
Concen: 146.528 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:112 Resp: 404000
Ion Ratio Lower Upper
112 100
64 62.8 56.3 84.5
63 35.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 146.395 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Instrument :

BNA_G

ClientSampleId :

PB110221BL

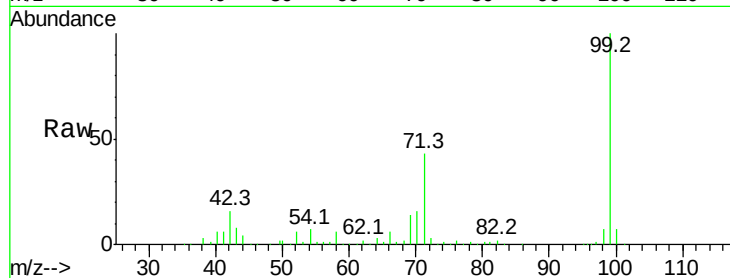
Tot Ion: 99 Resp: 595740

Ion Ratio Lower Upper

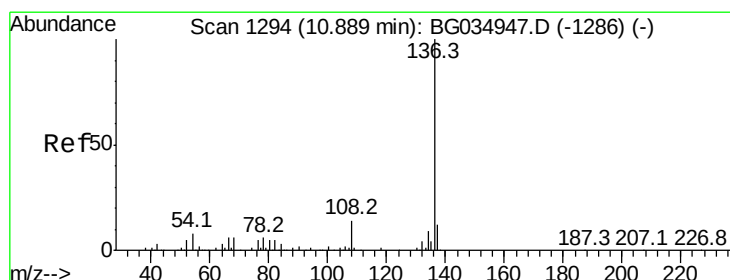
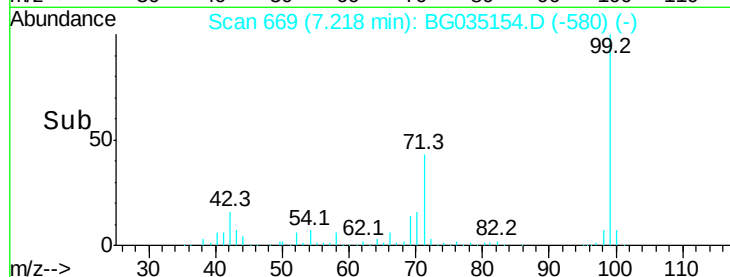
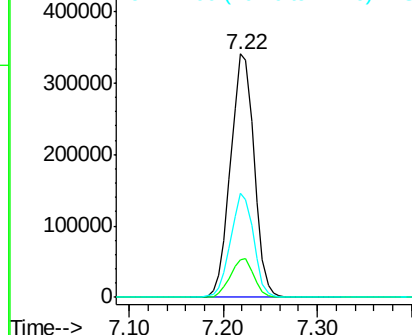
99 100

42 15.6 14.1 21.1

71 42.5 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: BG035154.D

Acq: 15 Jun 2018 1:39

Tgt Ion: 136 Resp: 166581

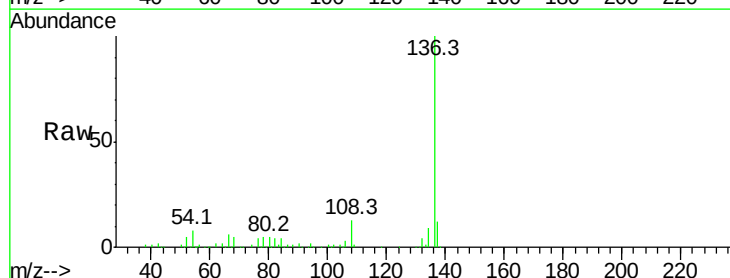
Ion Ratio Lower Upper

136 100

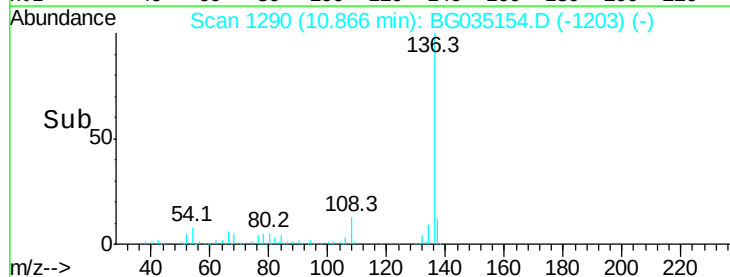
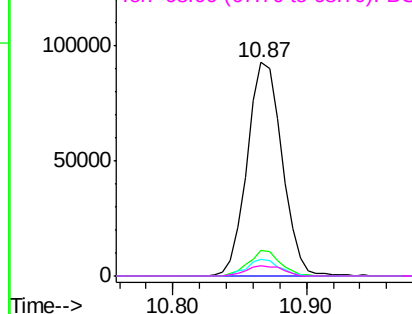
137 11.9 9.2 13.8

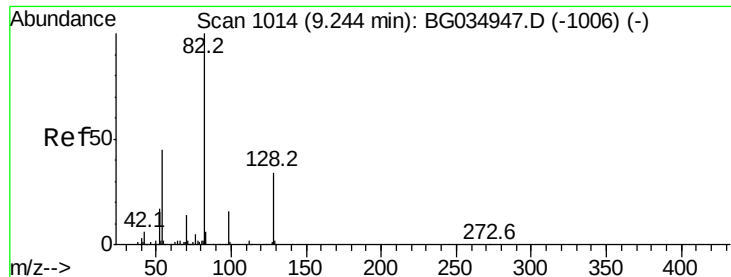
54 7.7 10.3 15.5#

68 4.7 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: 109.444 ng

RT: 9.23 min Scan# 1011

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Instrument :

BNA_G

ClientSampleId :

PB110221BL

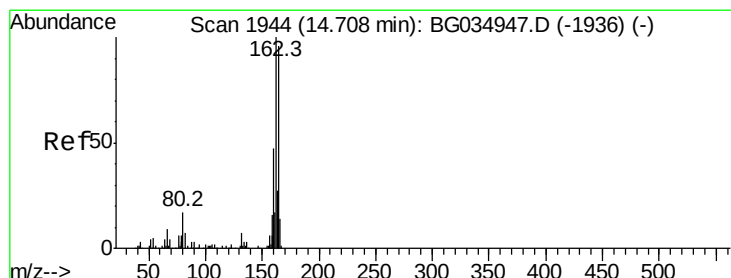
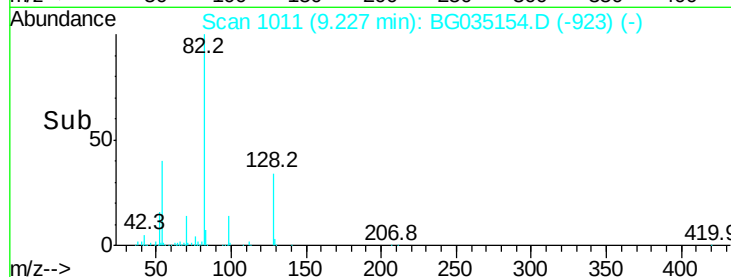
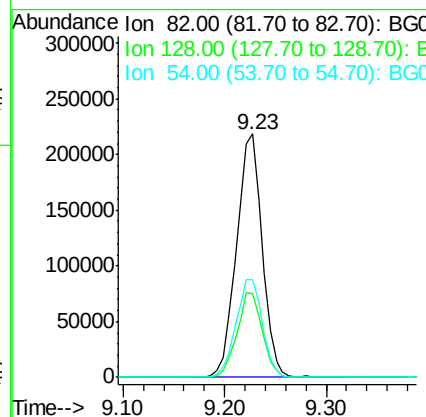
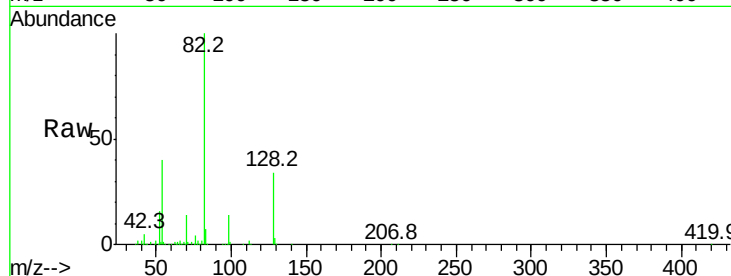
Tot Ion: 82 Resp: 383539

Ion Ratio Lower Upper

82 100

128 34.2 29.7 44.5

54 40.3 43.1 64.7#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

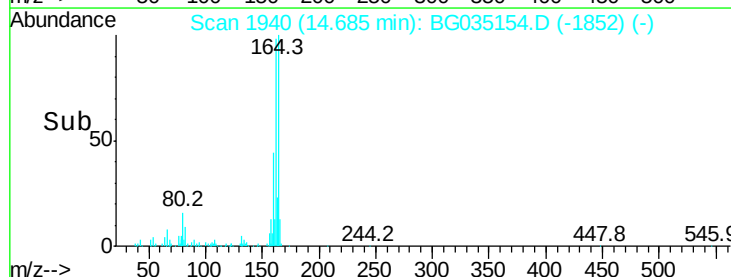
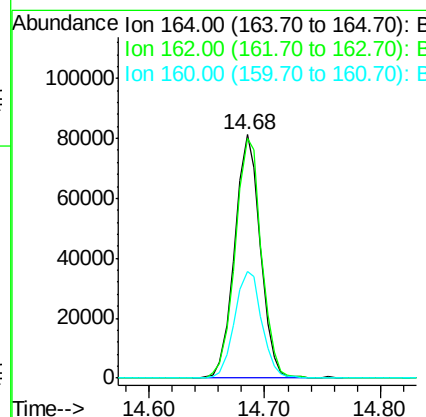
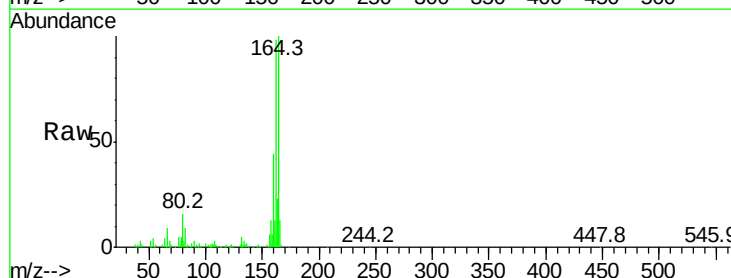
Tgt Ion: 164 Resp: 124672

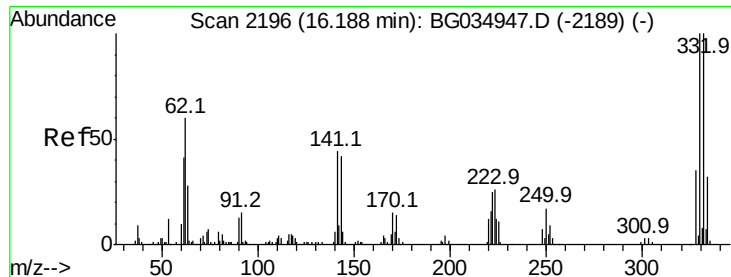
Ion Ratio Lower Upper

164 100

162 98.3 78.8 118.2

160 43.7 35.4 53.0

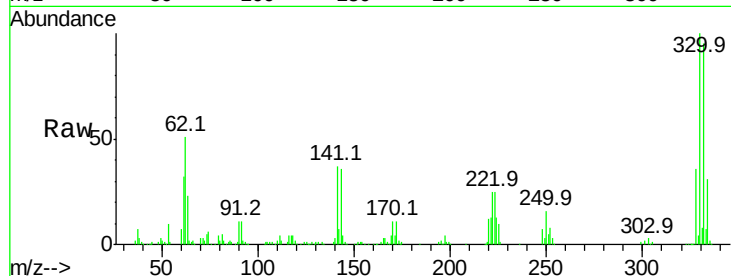




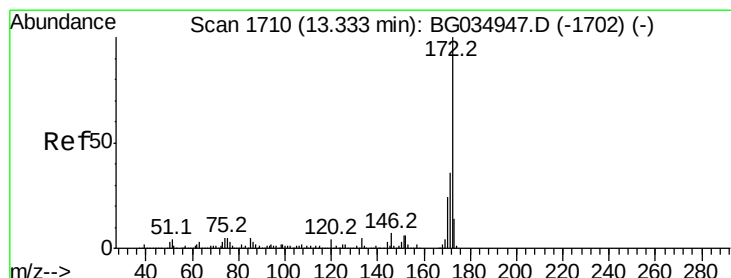
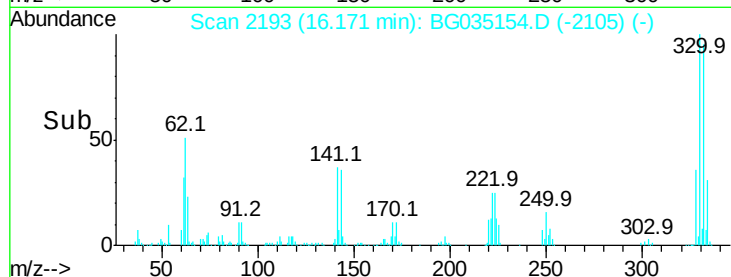
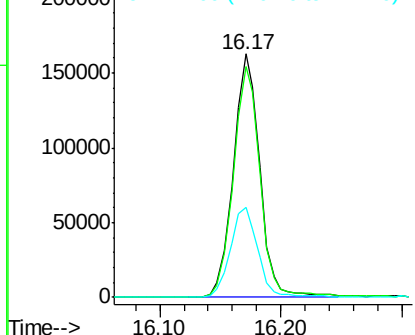
#41
 2,4,6-Tribromophenol
 Concen: 156.066 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

Instrument :
 BNA_G
 ClientSampleId :
 PB110221BL

Tot Ion:330 Resp: 249075
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 38.8 25.2 37.8#

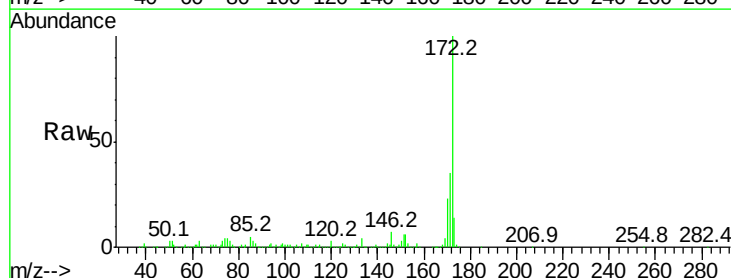


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

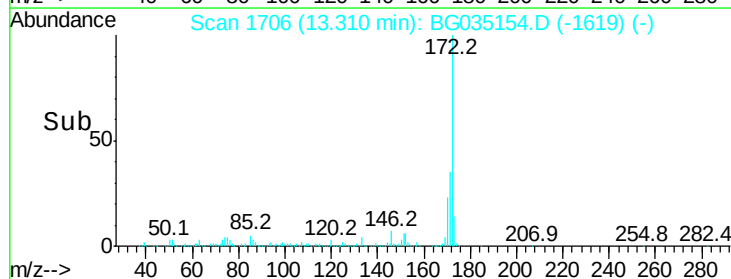
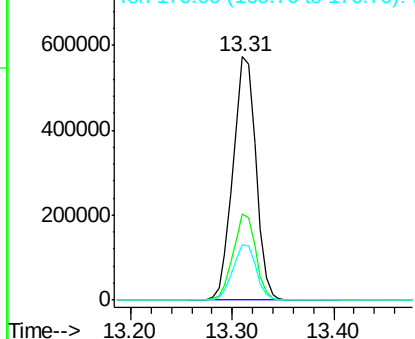


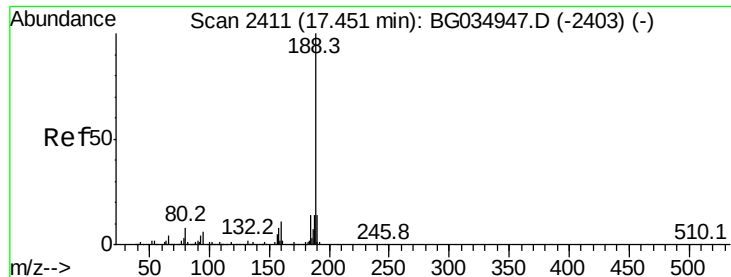
#44
 2-Fluorobiphenyl
 Concen: 94.330 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035154.D
 Acq: 15 Jun 2018 1:39

Tgt Ion:172 Resp: 904641
 Ion Ratio Lower Upper
 172 100
 171 35.2 30.0 45.0
 170 22.9 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

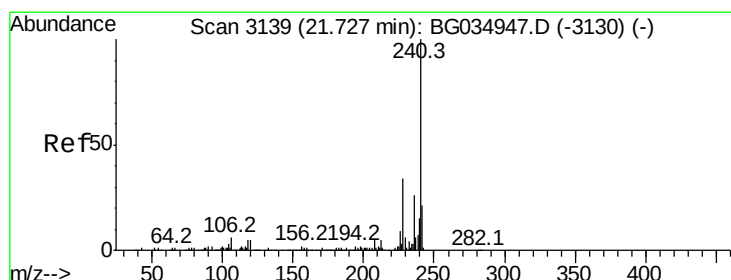
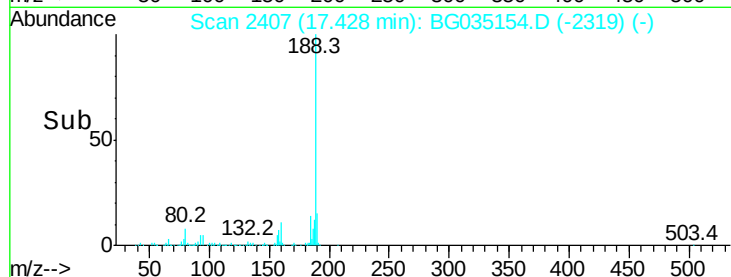
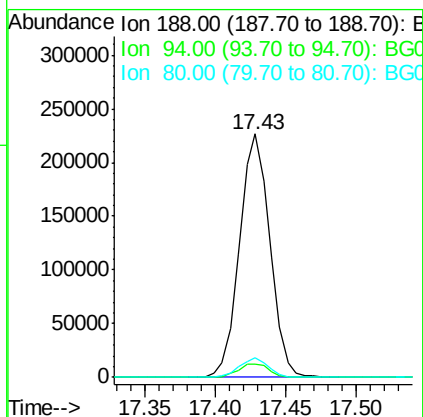
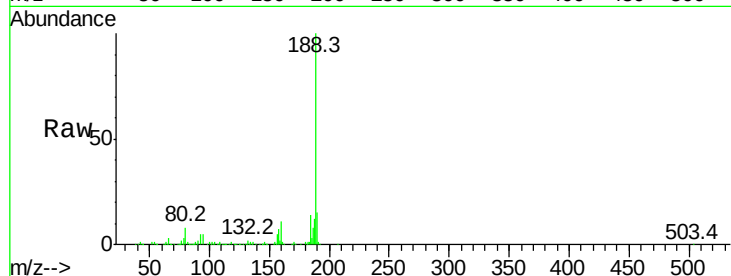




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

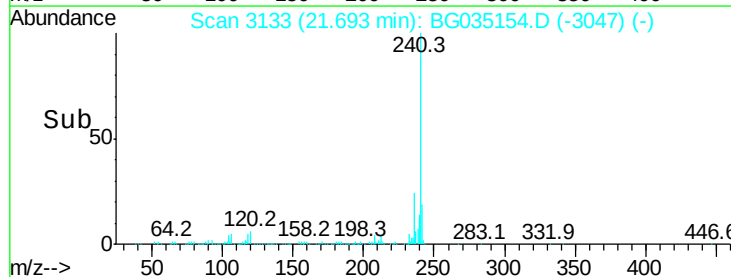
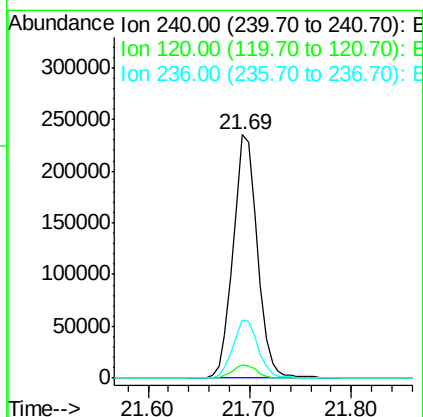
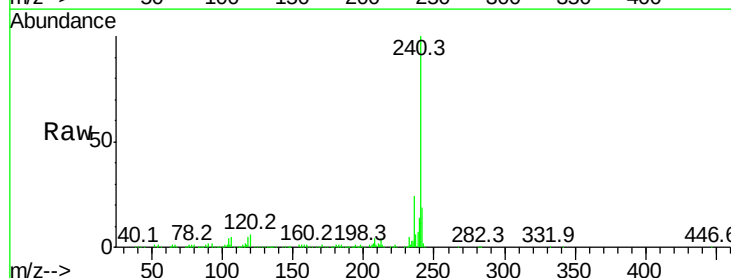
Instrument :
BNA_G
ClientSampleId :
PB110221BL

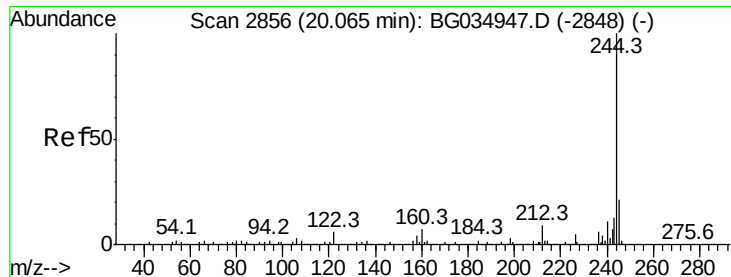
Tot Ion:188 Resp: 341339
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 8.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3133
Delta R.T. -0.02 min
Lab File: BG035154.D
Acq: 15 Jun 2018 1:39

Tgt Ion:240 Resp: 392056
Ion Ratio Lower Upper
240 100
120 5.5 6.8 10.2#
236 23.7 20.9 31.3





#78

Terphenyl-d14

Concen: 92.399 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

Instrument :

BNA_G

ClientSampleId :

PB110221BL

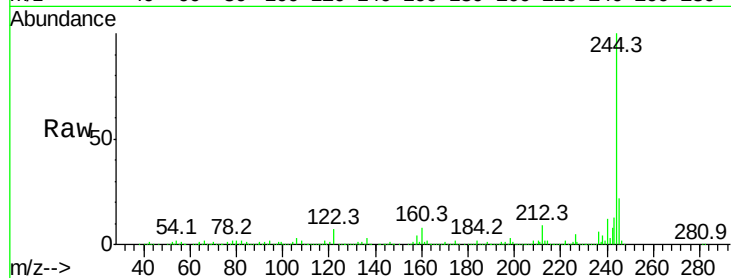
Tot Ion:244 Resp: 1729411

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

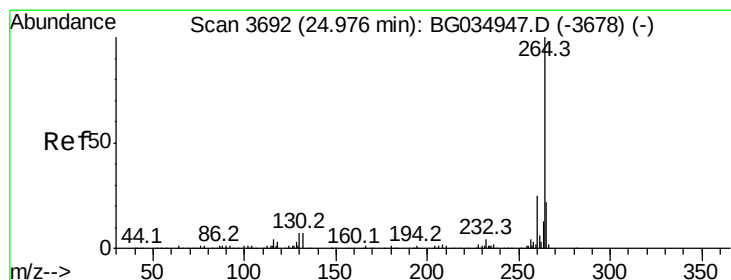
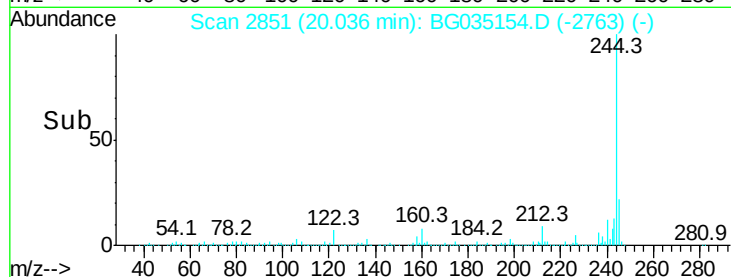
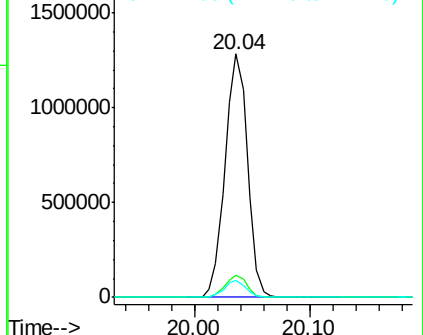
122 7.0 7.0 10.4



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: 24.92 min Scan# 3683

Delta R.T. -0.03 min

Lab File: BG035154.D

Acq: 15 Jun 2018 1:39

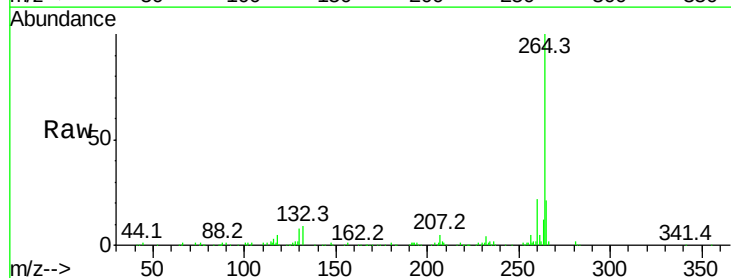
Tgt Ion:264 Resp: 339811

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 21.3 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

