

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061818\
 Data File : BG035218.D
 Acq On : 18 Jun 2018 14:37
 Operator : SJ/JU
 Sample : J3464-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-COMP

Quant Time: Jun 18 16:54:56 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	42352	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	144831	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	101240	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	329110	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	480503	20.00	ng	-0.02
86) Perylene-d12	24.92	264	399029	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	342588	136.51	ng	0.00
7) Phenol-d6	7.22	99	446139	120.45	ng	0.00
23) Nitrobenzene-d5	9.22	82	341101	111.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	270321	208.58	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	759886	97.57	ng	-0.02
78) Terphenyl-d14	20.04	244	2389168	104.15	ng	-0.01

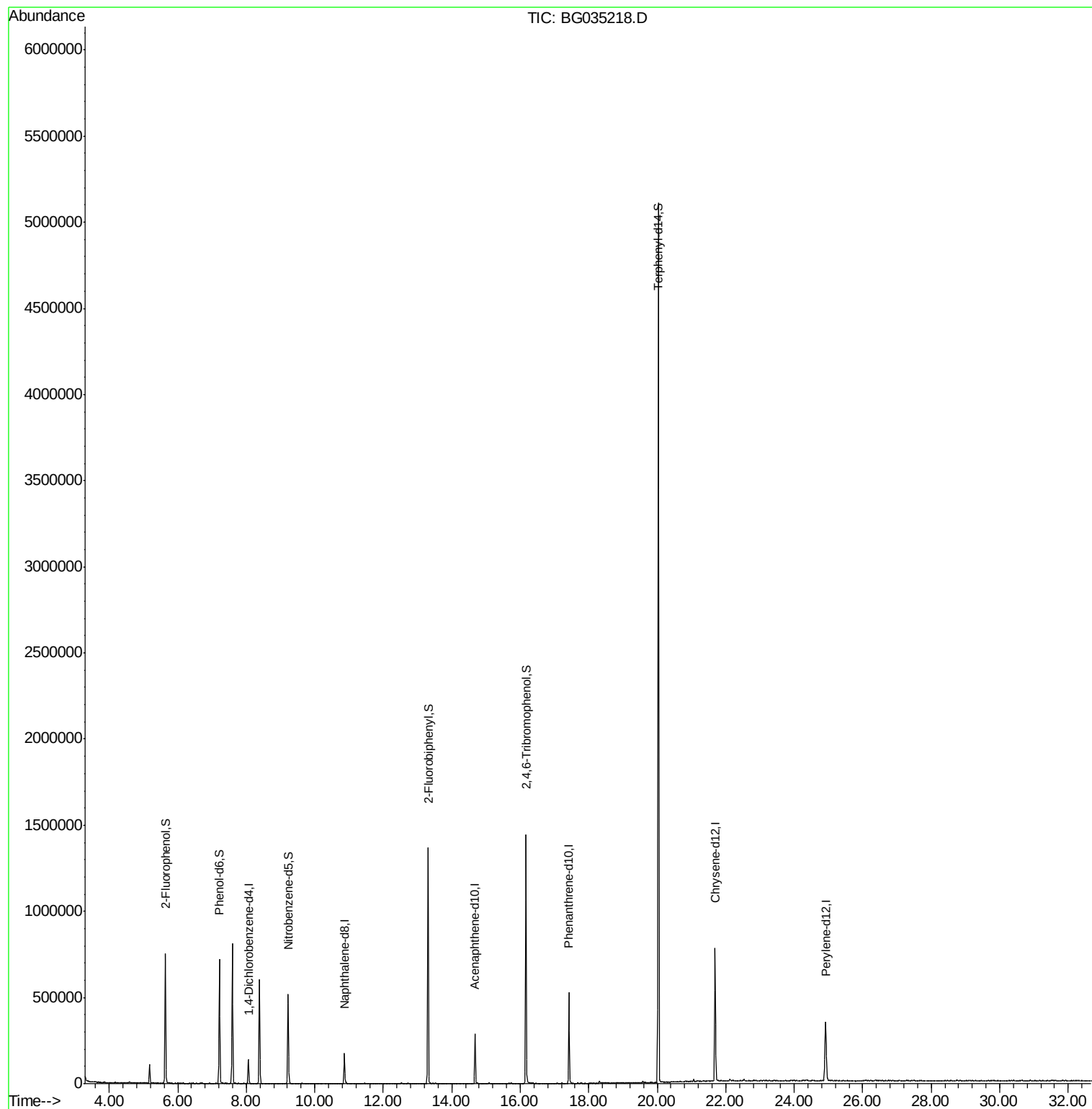
Target Compounds Qvalue

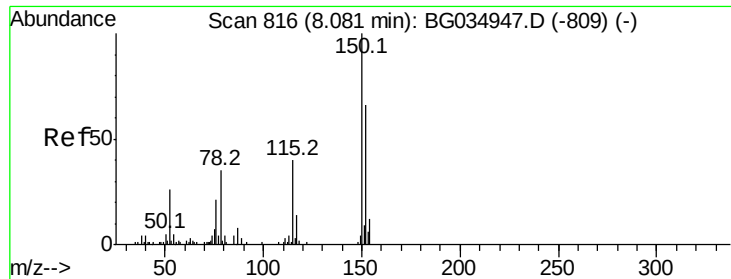
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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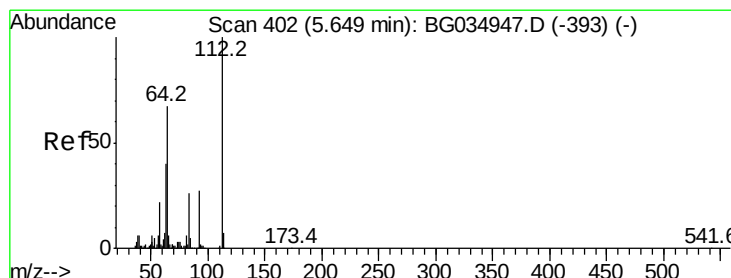
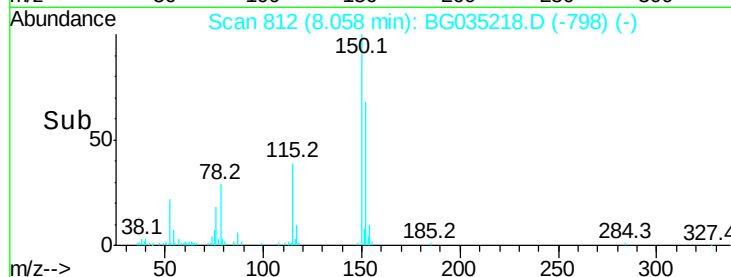
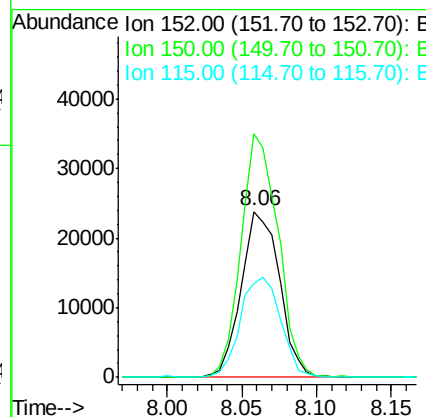
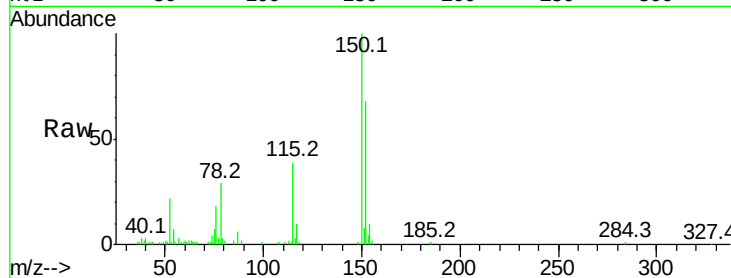


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Instrument :
BNA_G
ClientSampleId :
SB-38-COMP

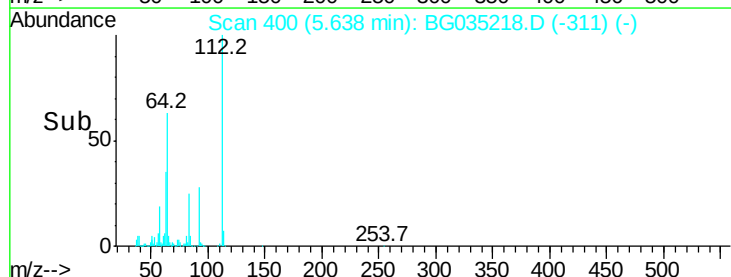
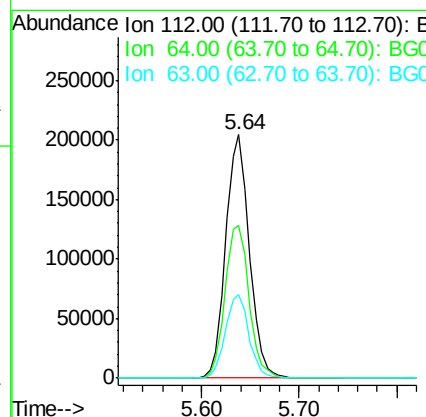
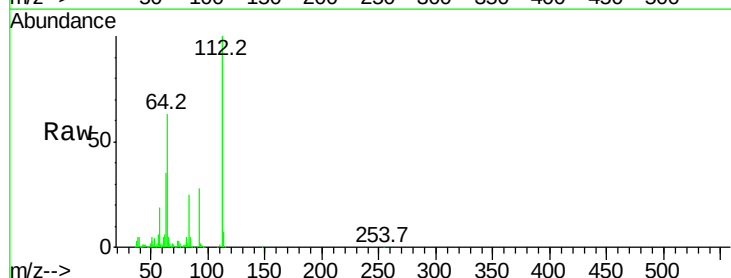
Tot Ion	Ratio	Lower	Upper
152	100		
150	146.7	126.6	189.8
115	56.8	53.0	79.4

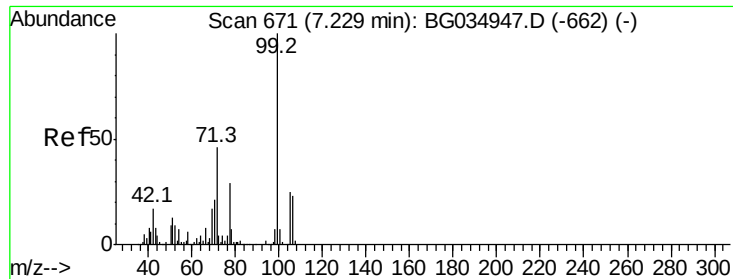


#5

2-Fluorophenol
Concen: 136.512 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.01 min
Lab File: BG035218.D
Acq: 18 Jun 2018 14:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.8	56.3	84.5
63	34.5	30.1	45.1





#7

Phenol-d6

Concen: 120.448 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

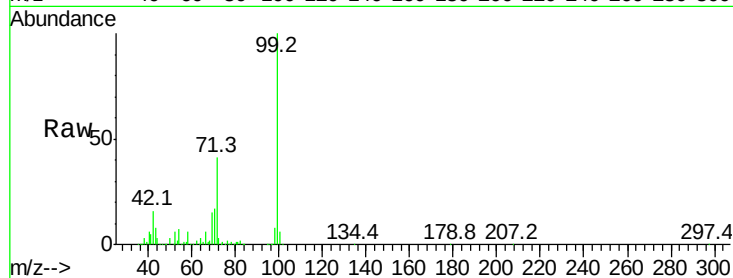
Tot Ion: 99 Resp: 446139

Ion Ratio Lower Upper

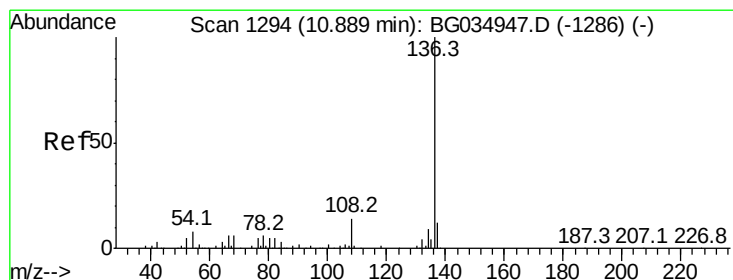
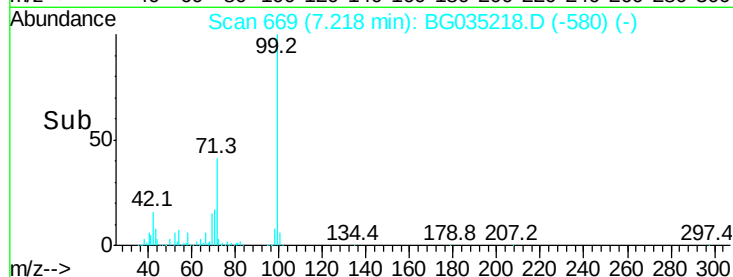
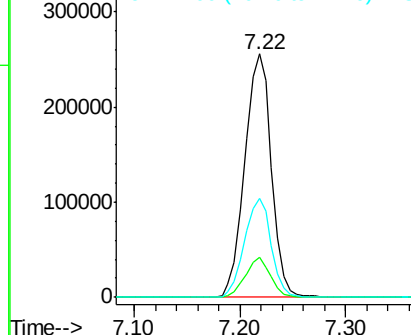
99 100

42 16.4 14.1 21.1

71 40.8 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: BG035218.D

Acq: 18 Jun 2018 14:37

Tgt Ion: 136 Resp: 144831

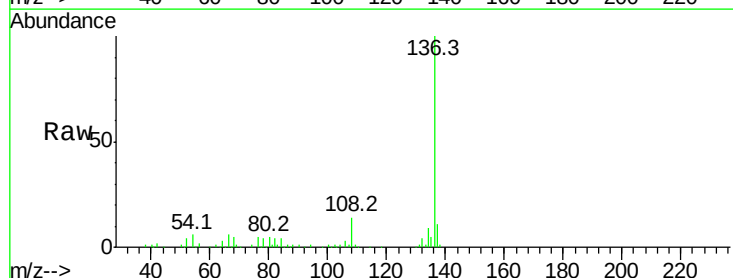
Ion Ratio Lower Upper

136 100

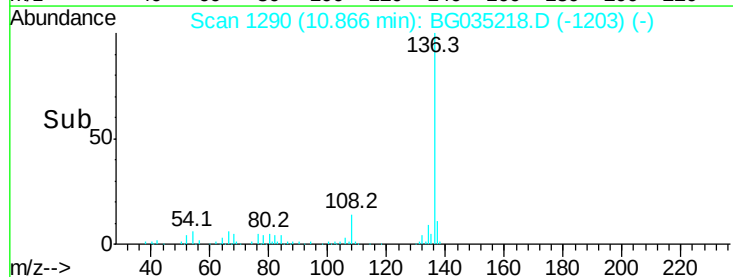
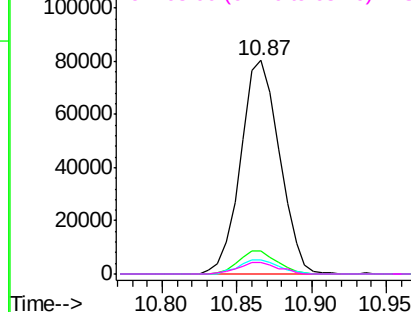
137 10.9 9.2 13.8

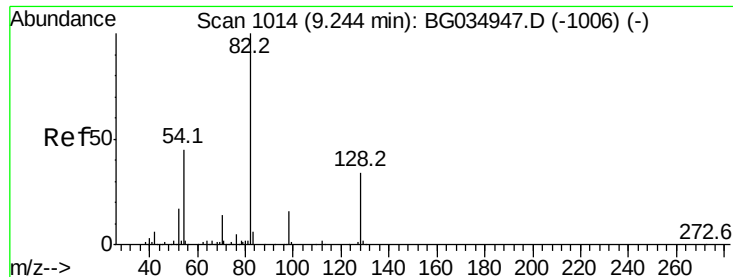
54 6.3 10.3 15.5#

68 5.4 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: 111.951 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

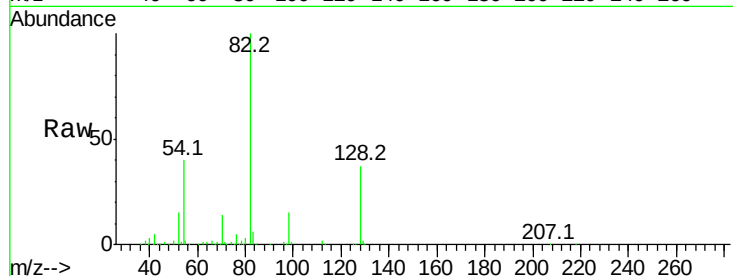
Tot Ion: 82 Resp: 341101

Ion Ratio Lower Upper

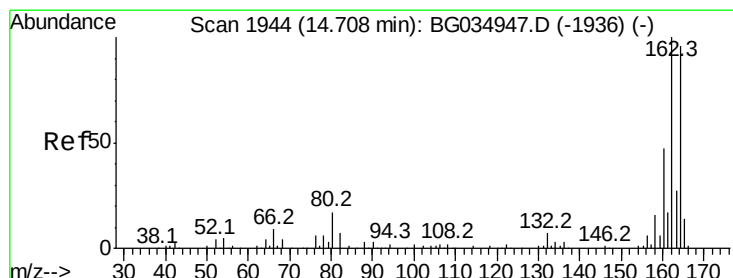
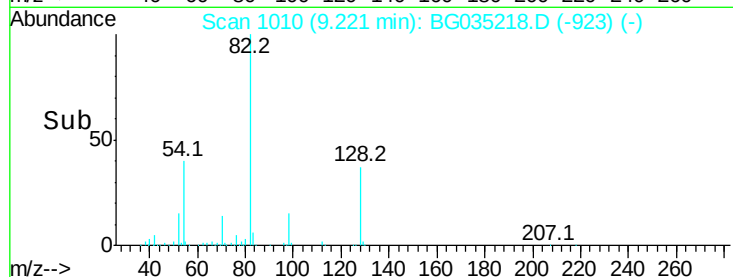
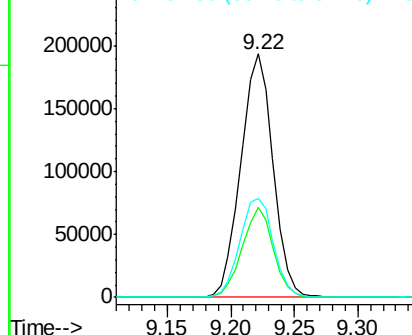
82 100

128 36.8 29.7 44.5

54 40.4 43.1 64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.02 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

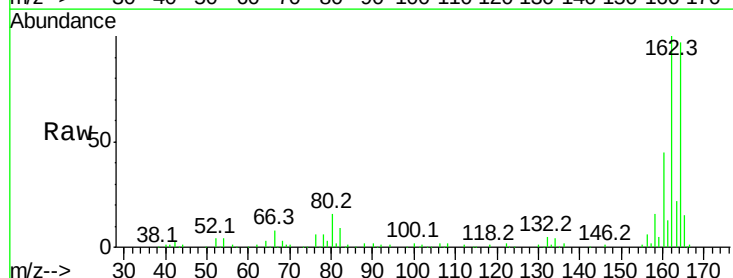
Tgt Ion:164 Resp: 101240

Ion Ratio Lower Upper

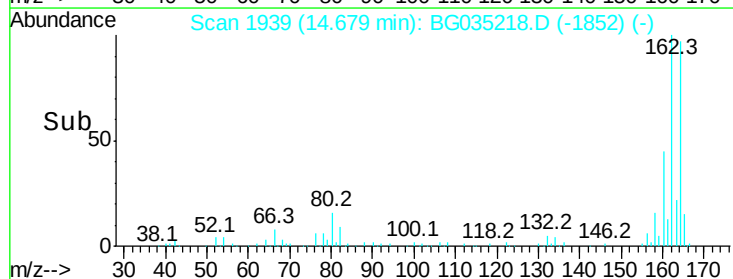
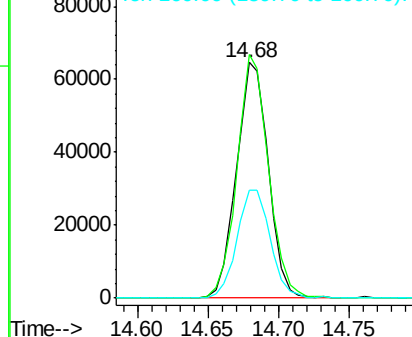
164 100

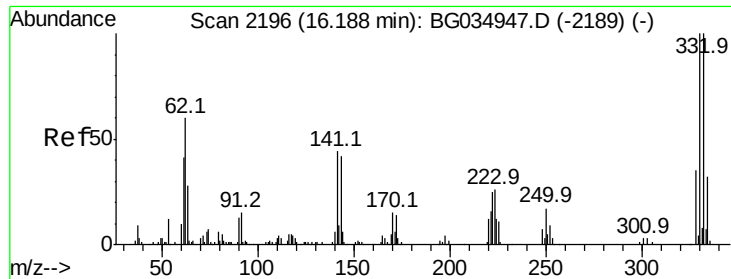
162 103.4 78.8 118.2

160 46.1 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

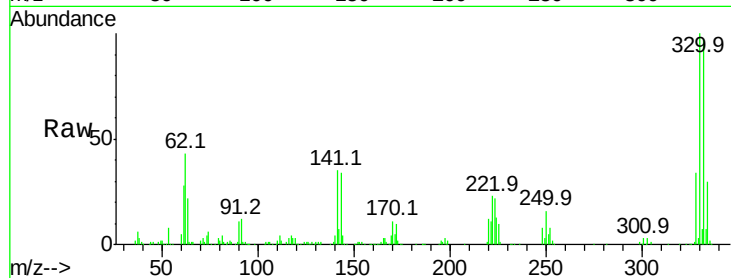




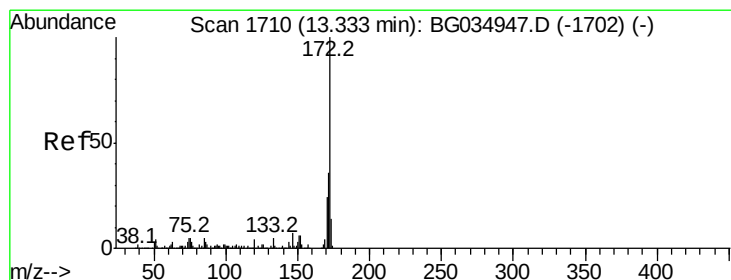
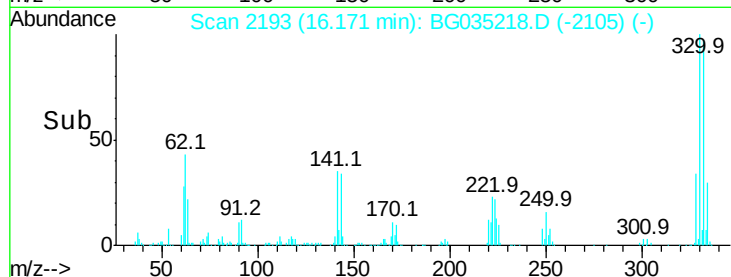
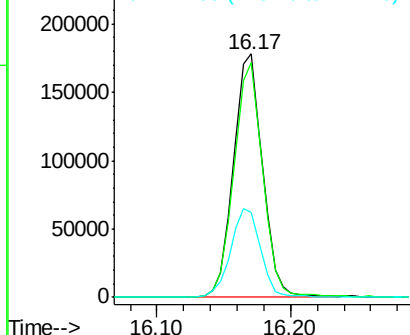
#41
 2,4,6-Tribromophenol
 Concen: 208.581 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035218.D
 Acq: 18 Jun 2018 14:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-38-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.8	25.2	37.8

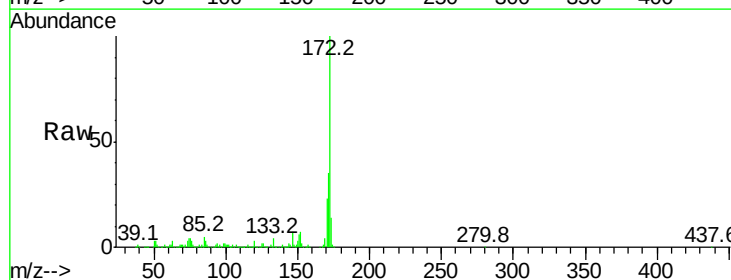


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

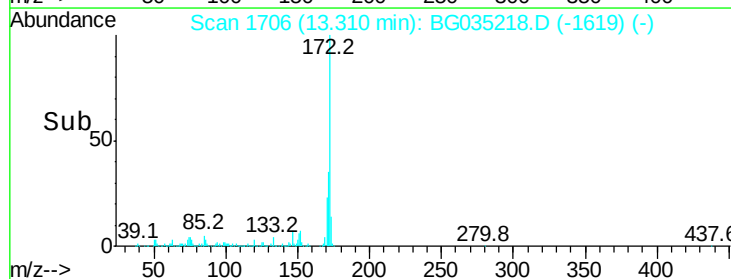
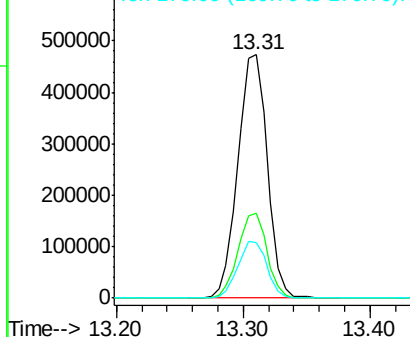


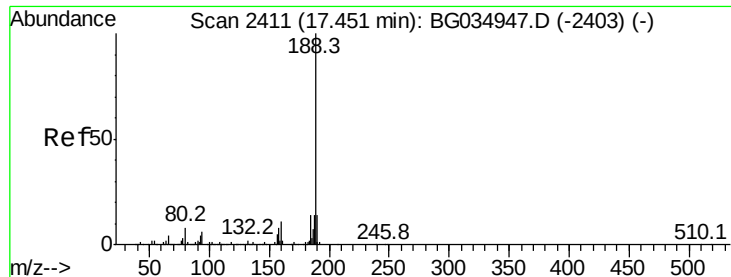
#44
 2-Fluorobiphenyl
 Concen: 97.575 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035218.D
 Acq: 18 Jun 2018 14:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	30.0	45.0
170	22.8	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: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

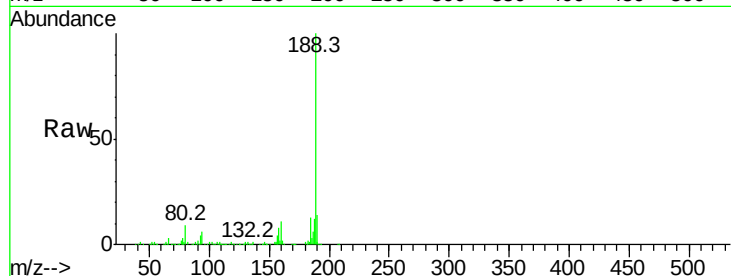
Tot Ion:188 Resp: 329110

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

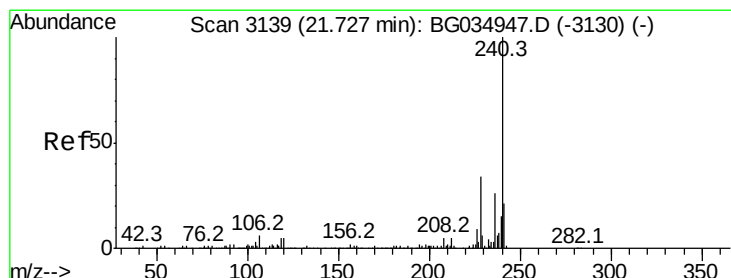
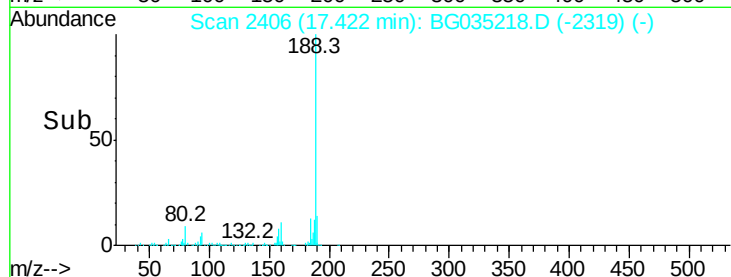
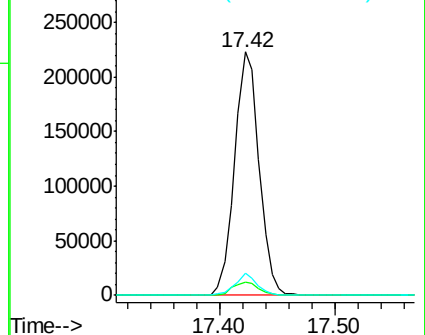
80 9.3 7.7 11.5



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: BG035218.D

Acq: 18 Jun 2018 14:37

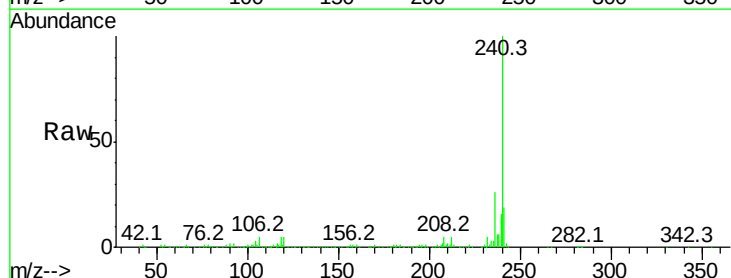
Tgt Ion:240 Resp: 480503

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

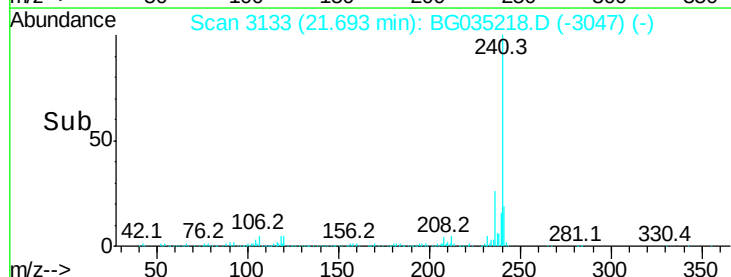
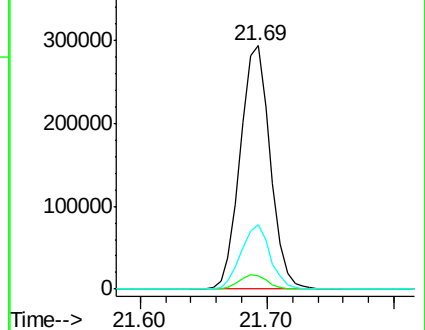
236 26.5 20.9 31.3

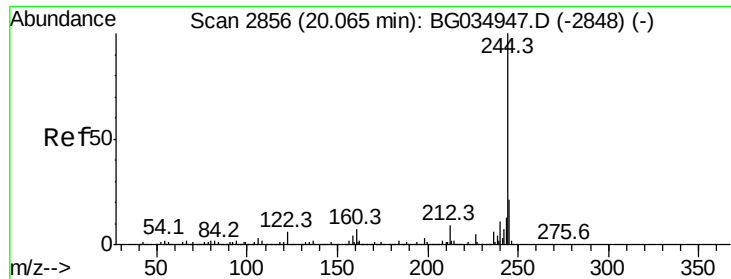


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.152 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

Instrument :

BNA_G

ClientSampleId :

SB-38-COMP

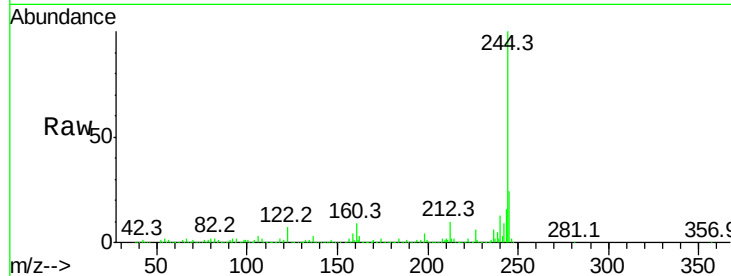
Tot Ion:244 Resp: 2389168

Ion Ratio Lower Upper

244 100

212 10.3 5.8 8.8#

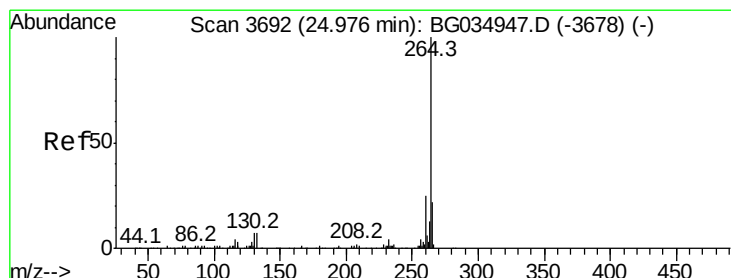
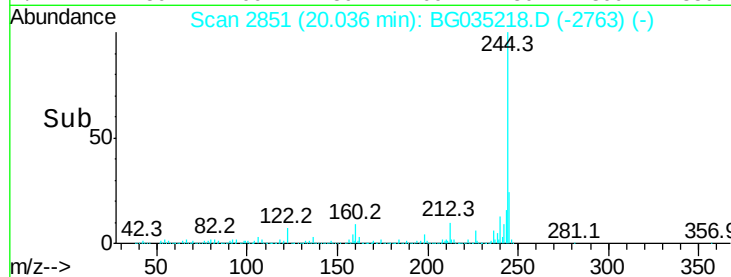
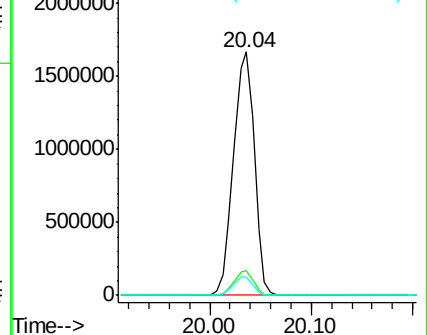
122 7.4 7.0 10.4



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# 3682

Delta R.T. -0.04 min

Lab File: BG035218.D

Acq: 18 Jun 2018 14:37

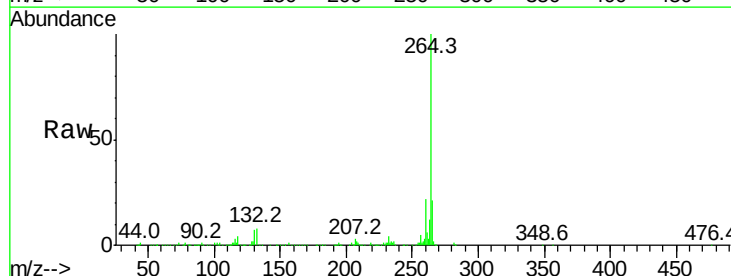
Tgt Ion:264 Resp: 399029

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 20.5 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

