

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035168.D
 Acq On : 15 Jun 2018 11:19
 Operator : SJ/JU
 Sample : J3415-10
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-35COMP

Quant Time: Jun 15 11:59:01 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	48399	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	182153	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	138192	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	379829	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	413972	20.00	ng	-0.02
86) Perylene-d12	24.93	264	357256	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	380852	132.80	ng	0.00
7) Phenol-d6	7.22	99	521946	123.31	ng	0.00
23) Nitrobenzene-d5	9.22	82	414155	108.08	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	278713	157.55	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	954142	89.76	ng	-0.02
78) Terphenyl-d14	20.04	244	1828813	92.54	ng	0.00

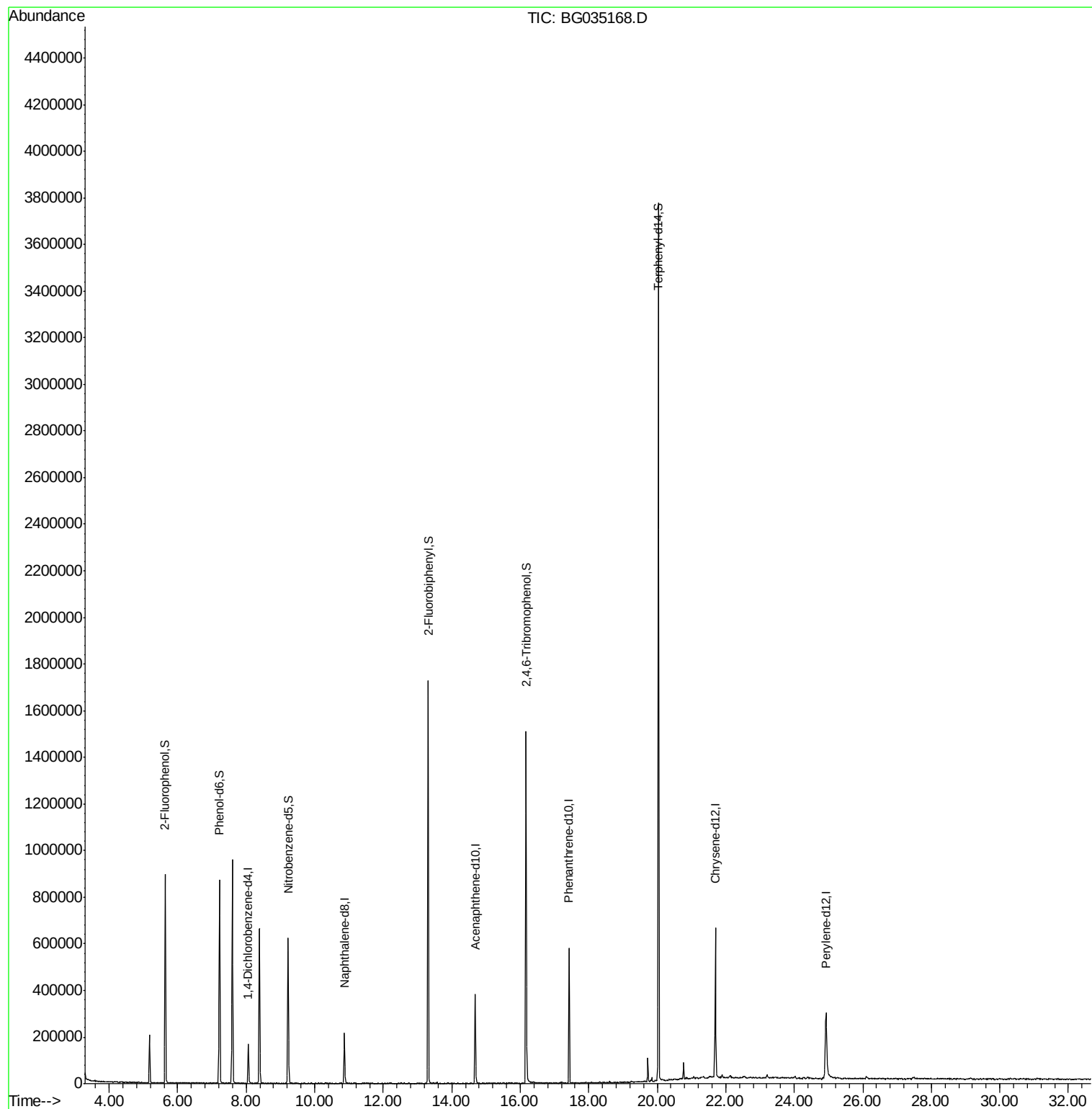
Target Compounds Qvalue

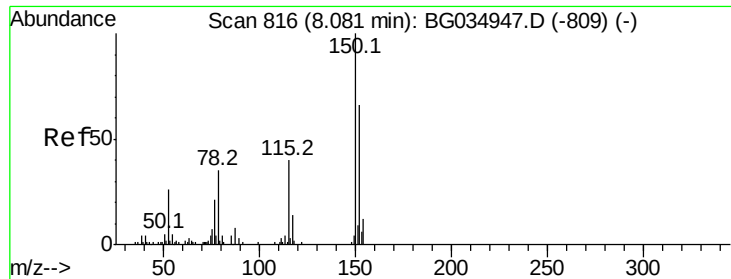
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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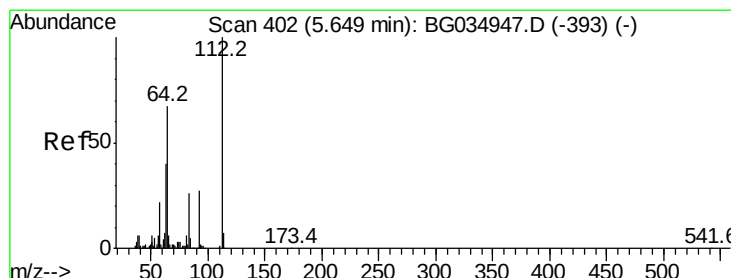
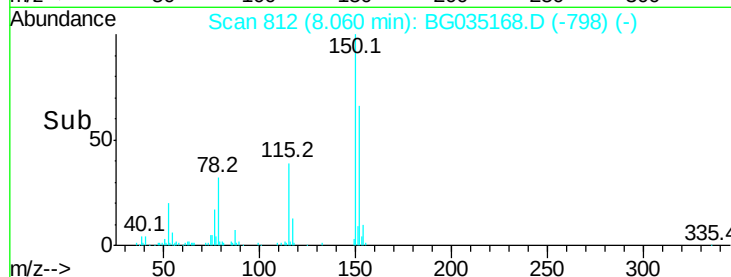
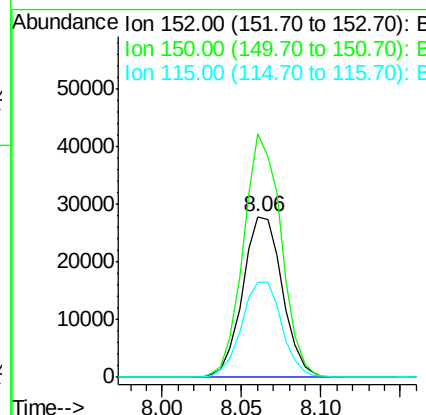
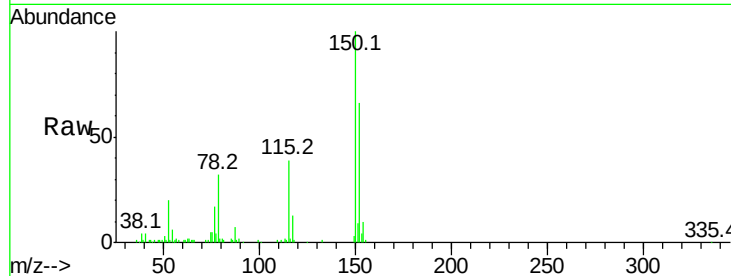


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035168.D
Acq: 15 Jun 2018 11:19

Instrument :
BNA_G
ClientSampled :
SB-35COMP

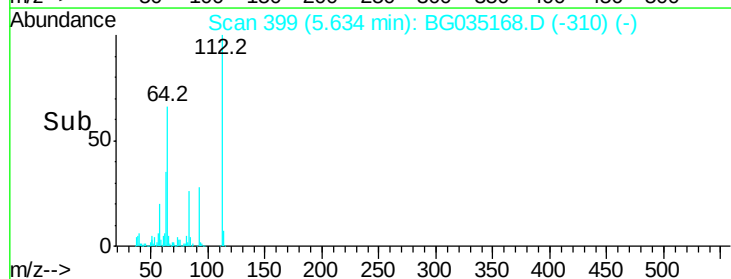
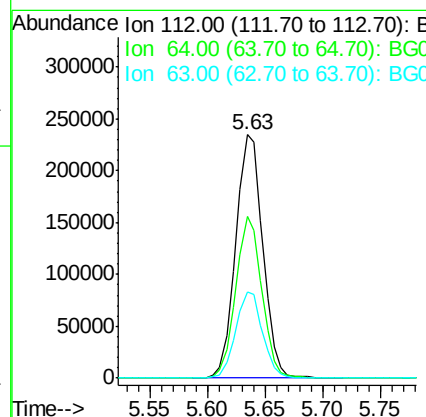
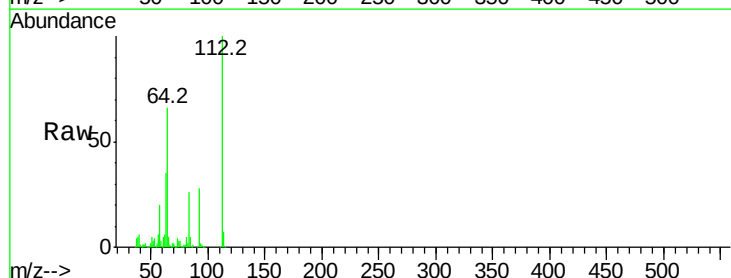
Tot Ion:152 Resp: 48399
Ion Ratio Lower Upper
152 100
150 151.4 126.6 189.8
115 58.8 53.0 79.4

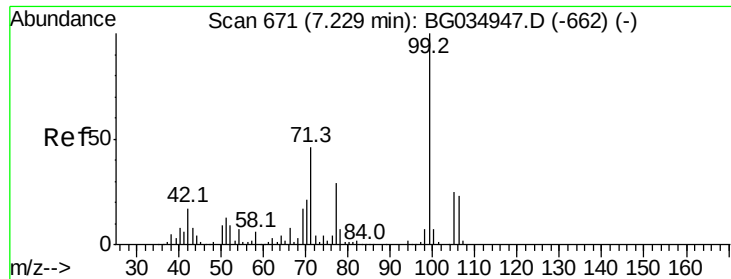


#5

2-Fluorophenol
Concen: 132.798 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035168.D
Acq: 15 Jun 2018 11:19

Tgt Ion:112 Resp: 380852
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 35.3 30.1 45.1





#7

Phenol-d6

Concen: 123.308 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035168.D

Acq: 15 Jun 2018 11:19

Instrument :

BNA_G

ClientSampleId :

SB-35COMP

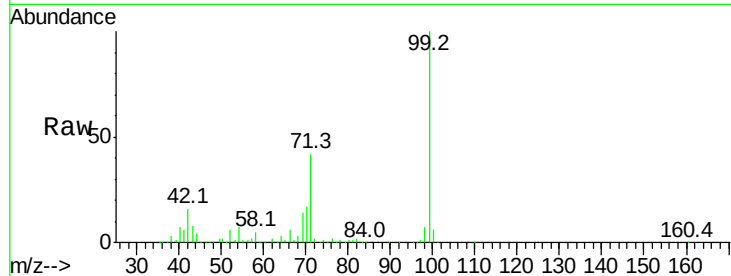
Tot Ion: 99 Resp: 521946

Ion Ratio Lower Upper

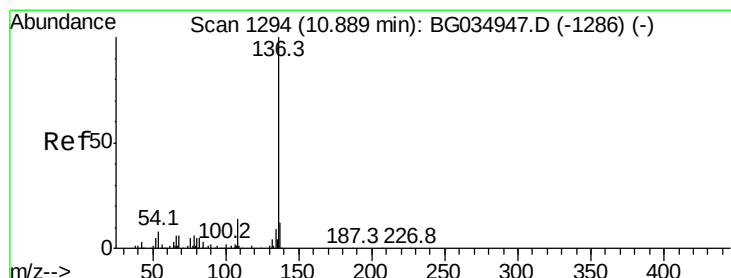
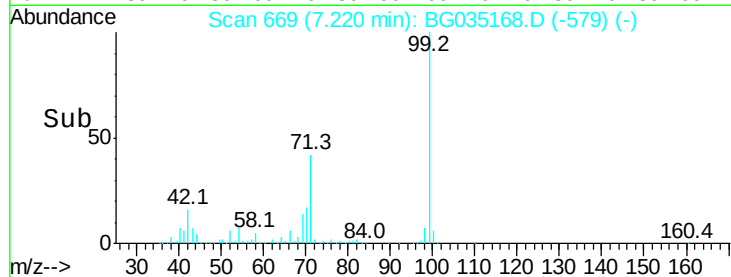
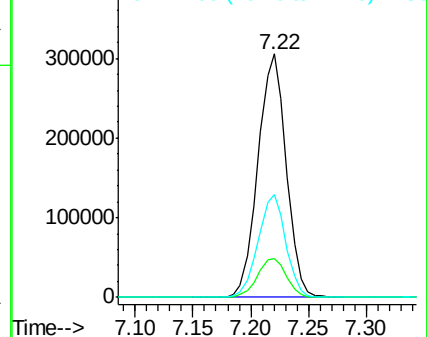
99 100

42 15.8 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: BG035168.D

Acq: 15 Jun 2018 11:19

Tgt Ion: 136 Resp: 182153

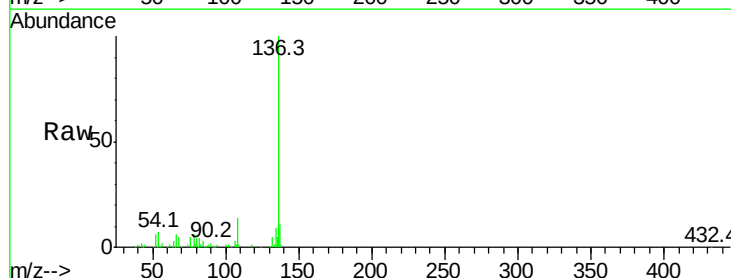
Ion Ratio Lower Upper

136 100

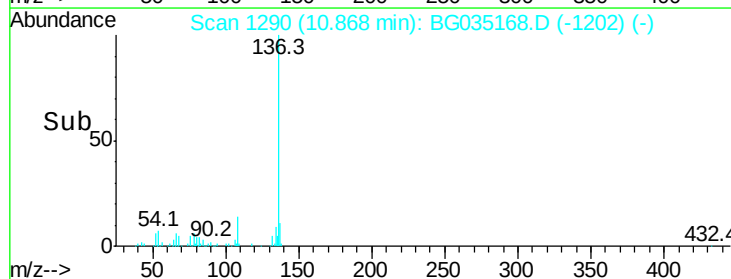
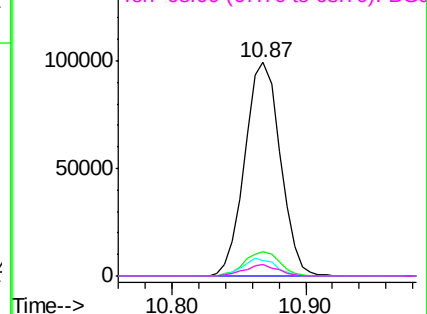
137 11.4 9.2 13.8

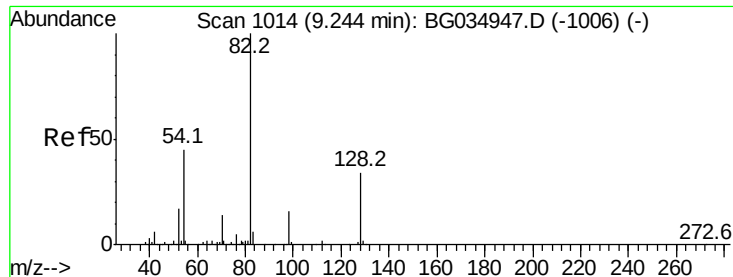
54 7.4 10.3 15.5#

68 5.2 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: 108.077 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035168.D

Acq: 15 Jun 2018 11:19

Instrument :

BNA_G

ClientSampleId :

SB-35COMP

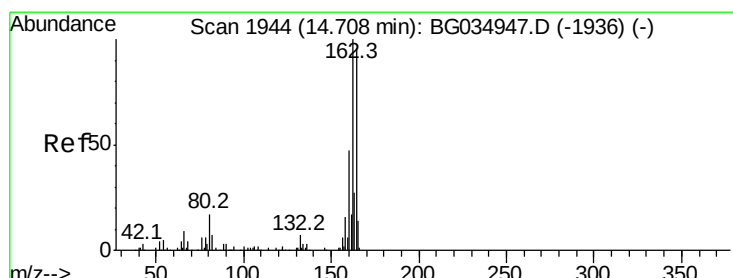
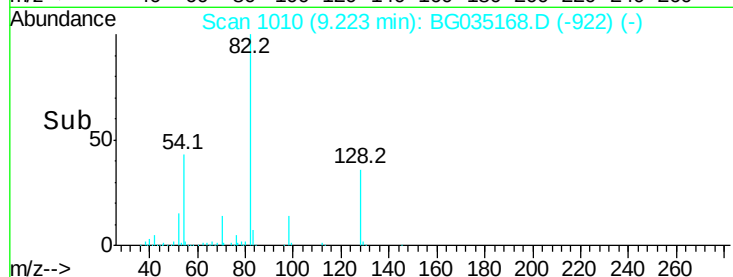
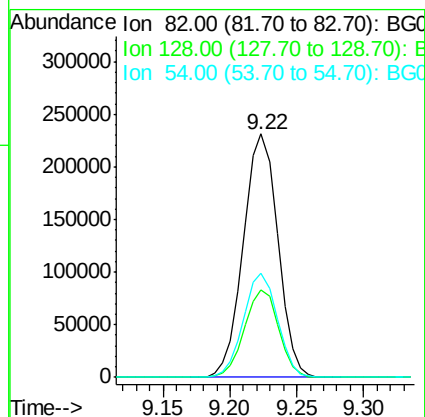
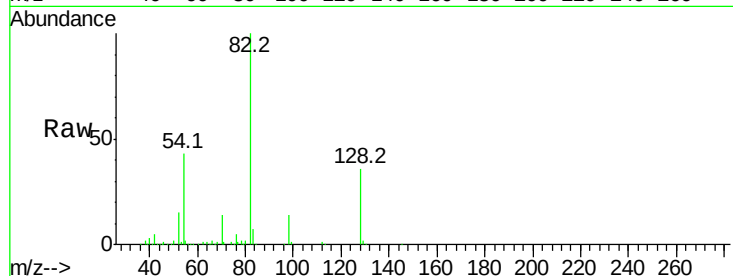
Tot Ion: 82 Resp: 414155

Ion Ratio Lower Upper

82 100

128 35.8 29.7 44.5

54 42.9 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: BG035168.D

Acq: 15 Jun 2018 11:19

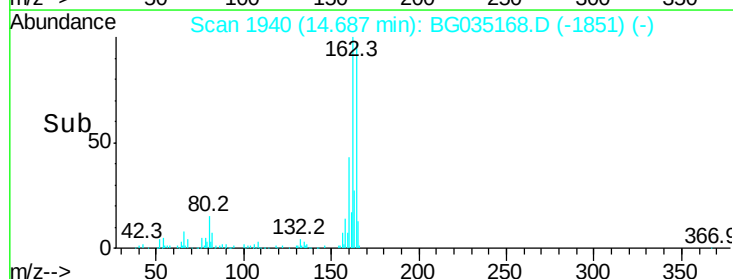
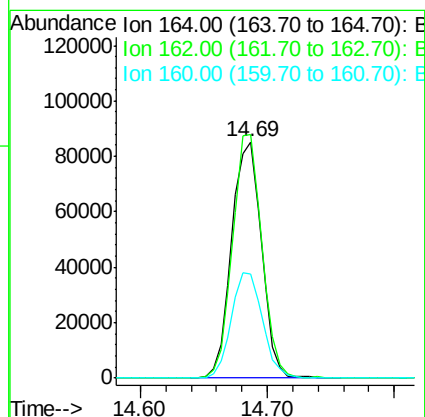
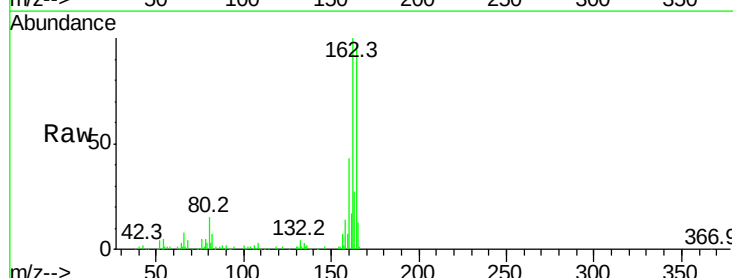
Tgt Ion:164 Resp: 138192

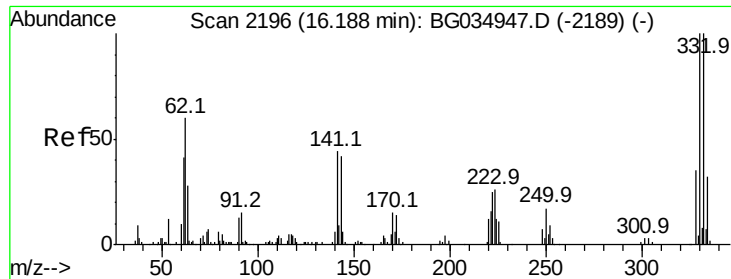
Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

160 44.0 35.4 53.0

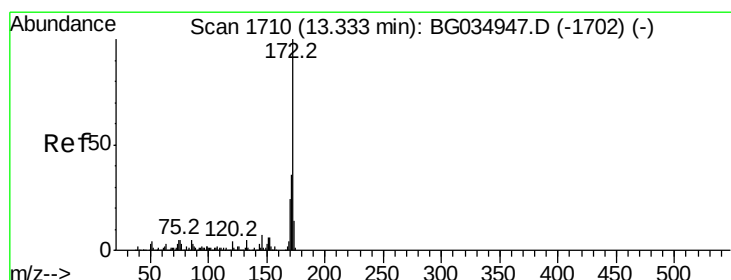
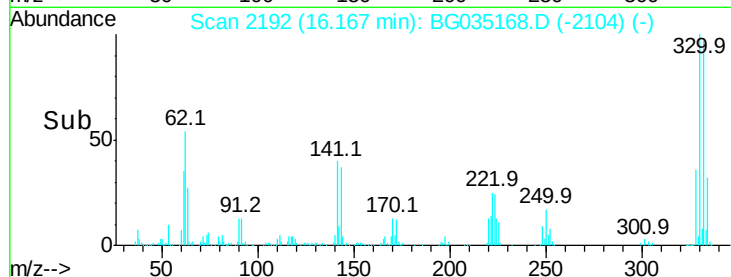
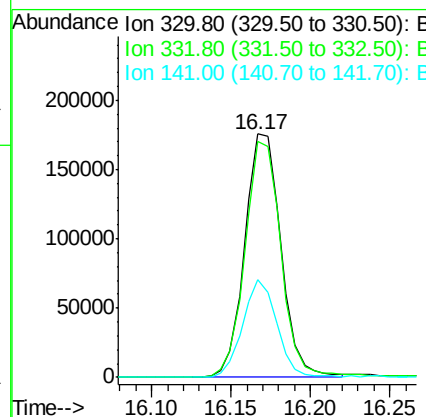
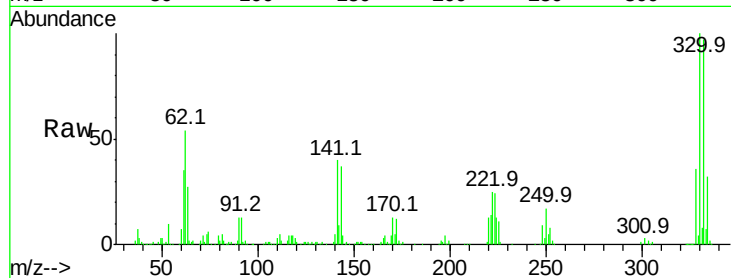




#41
 2,4,6-Tribromophenol
 Concen: 157.551 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035168.D
 Acq: 15 Jun 2018 11:19

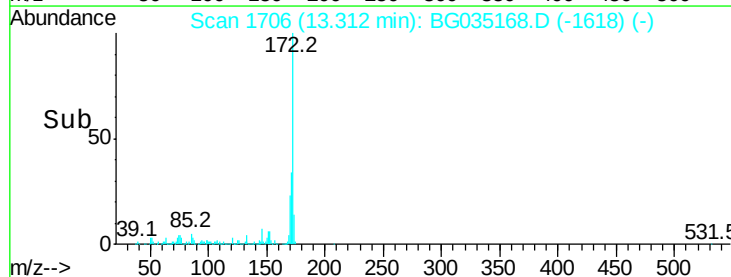
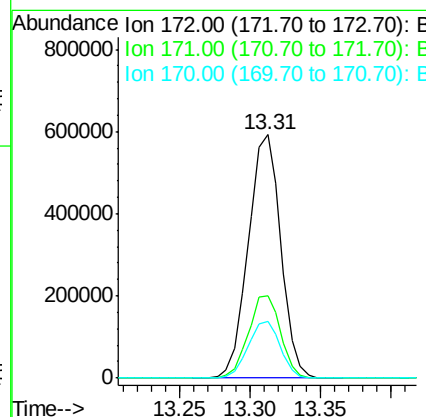
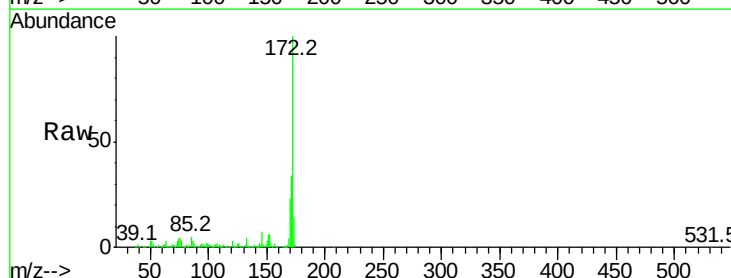
Instrument :
 BNA_G
 ClientSampleId :
 SB-35COMP

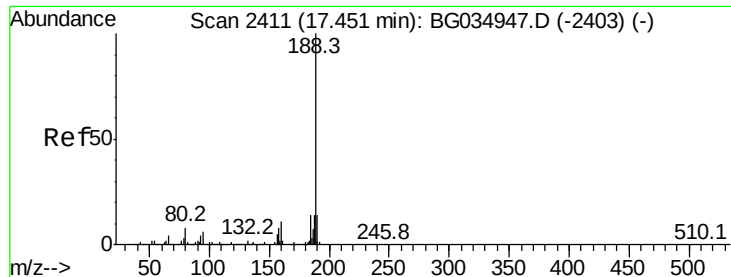
Tot Ion:330 Resp: 278713
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 37.9 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 89.758 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BG035168.D
 Acq: 15 Jun 2018 11:19

Tgt Ion:172 Resp: 954142
 Ion Ratio Lower Upper
 172 100
 171 34.0 30.0 45.0
 170 23.1 19.5 29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.02 min

Lab File: BG035168.D

Acq: 15 Jun 2018 11:19

Instrument :

BNA_G

ClientSampleId :

SB-35COMP

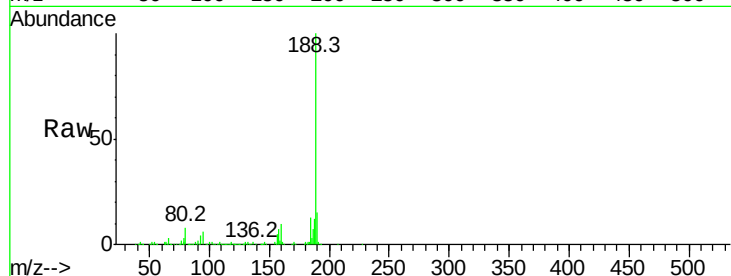
Tot Ion:188 Resp: 379829

Ion Ratio Lower Upper

188 100

94 5.6 6.9 10.3#

80 8.2 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

17.42

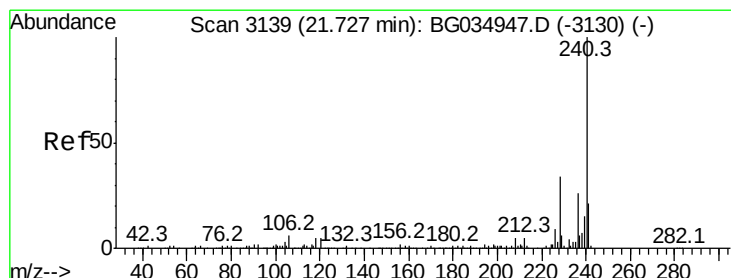
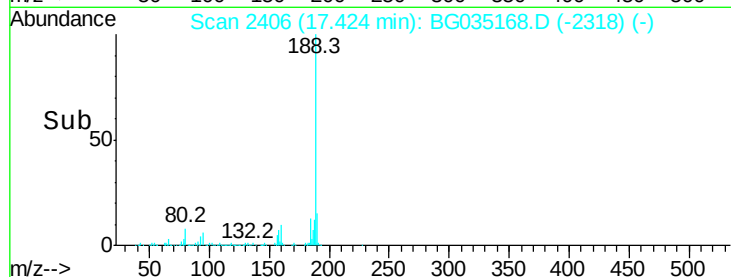
300000

200000

100000

0

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035168.D

Acq: 15 Jun 2018 11:19

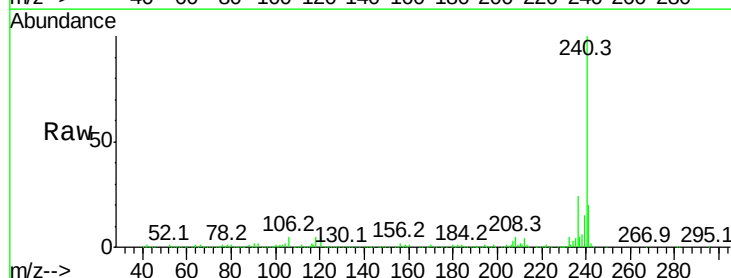
Tgt Ion:240 Resp: 413972

Ion Ratio Lower Upper

240 100

120 5.2 6.8 10.2#

236 23.7 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

21.69

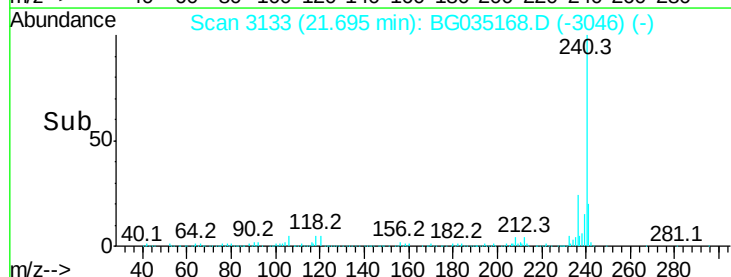
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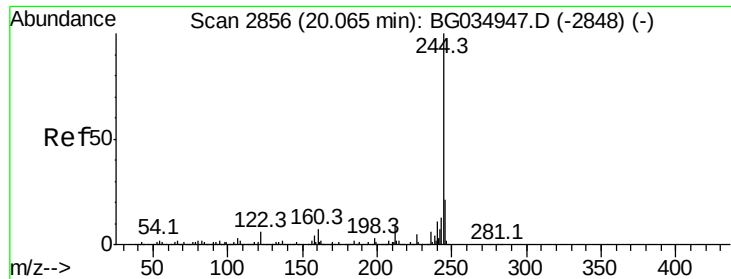
200000

100000

0

Time-->





#78

Terphenyl-d14

Concen: 92.537 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035168.D

Acq: 15 Jun 2018 11:19

Instrument :

BNA_G

ClientSampleId :

SB-35COMP

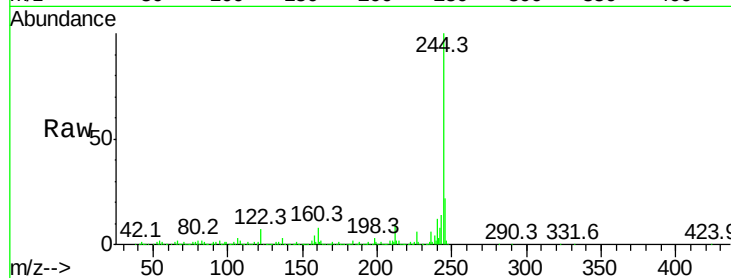
Tot Ion:244 Resp: 1828813

Ion Ratio Lower Upper

244 100

212 10.0 5.8 8.8#

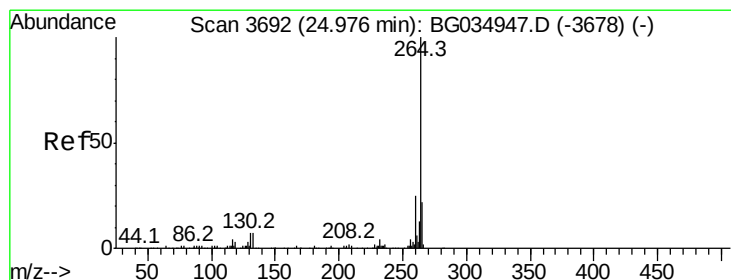
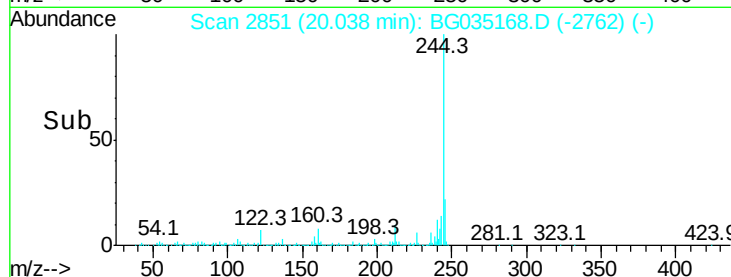
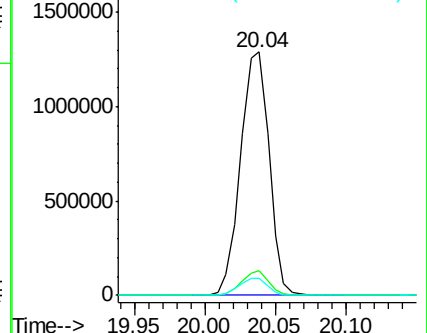
122 6.9 7.0 10.4#



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: BG035168.D

Acq: 15 Jun 2018 11:19

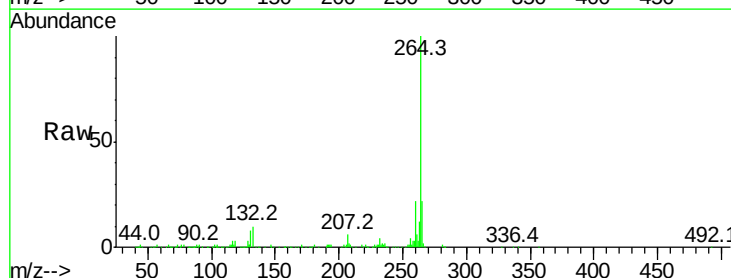
Tgt Ion:264 Resp: 357256

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.0 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

