

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061418\
 Data File : BG035170.D
 Acq On : 15 Jun 2018 12:37
 Operator : SJ/JU
 Sample : J3415-12
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-37COMP

Quant Time: Jun 15 13:25:09 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

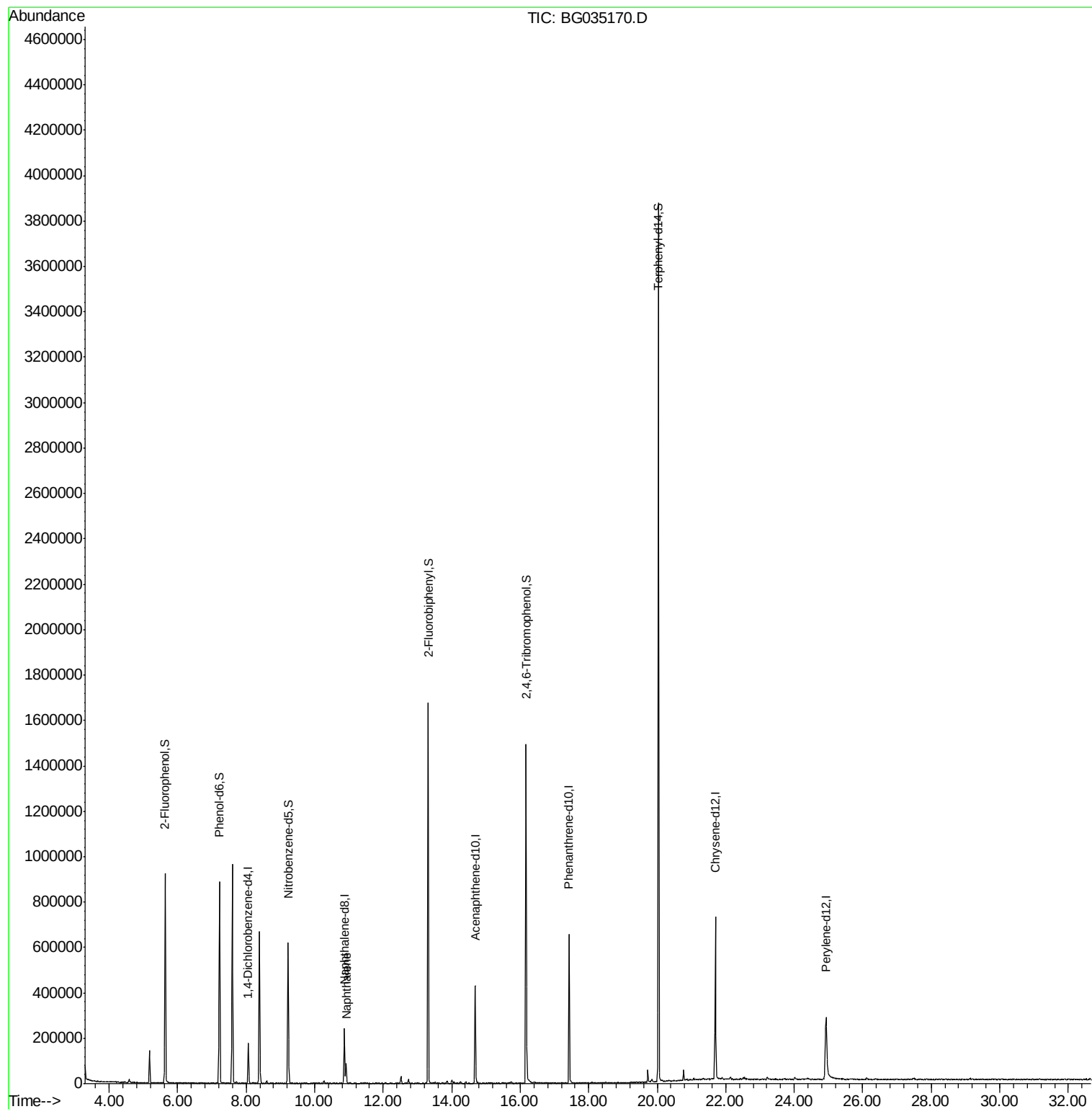
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	50624	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	199762	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	151462	20.00	ng	0.00
63) Phenanthrene-d10	17.43	188	416174	20.00	ng	-0.01
75) Chrysene-d12	21.70	240	455401	20.00	ng	-0.02
86) Perylene-d12	24.93	264	380997	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	389174	129.74	ng	0.00
7) Phenol-d6	7.22	99	524095	118.37	ng	0.00
23) Nitrobenzene-d5	9.22	82	413017	98.28	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	285326	147.16	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	940997	80.77	ng	-0.01
78) Terphenyl-d14	20.04	244	1902580	87.51	ng	0.00
Target Compounds						
31) Naphthalene	10.92	128	71160	6.857	ng	Qvalue 98

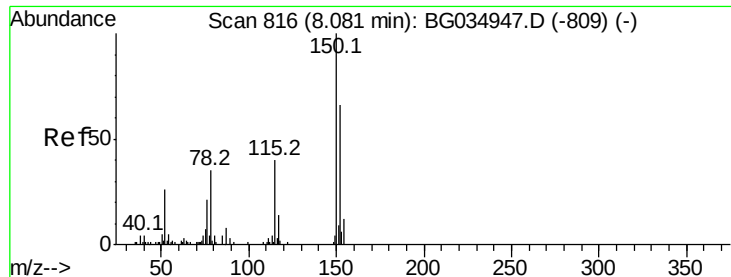
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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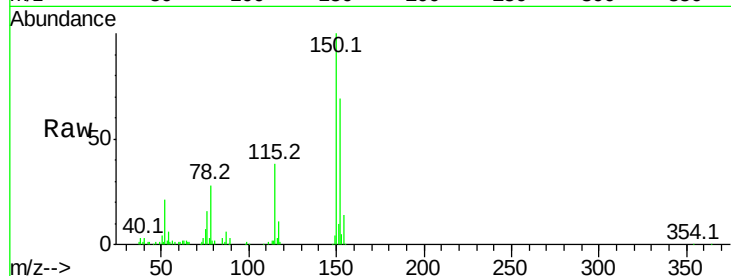


#1

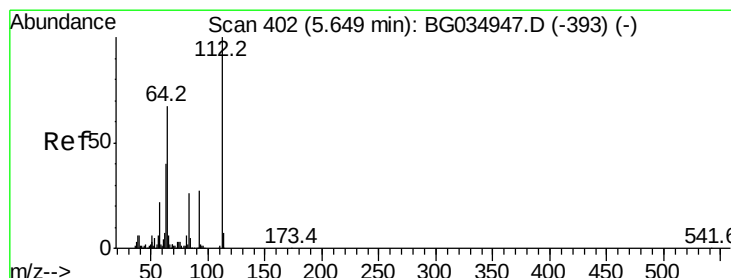
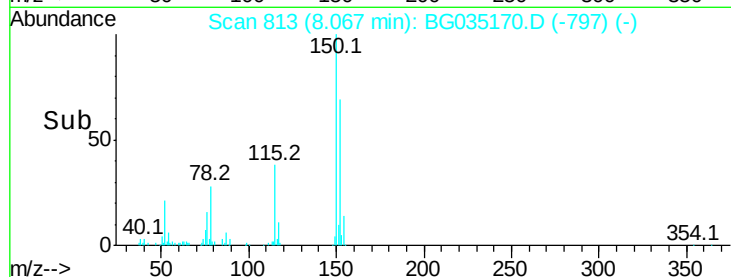
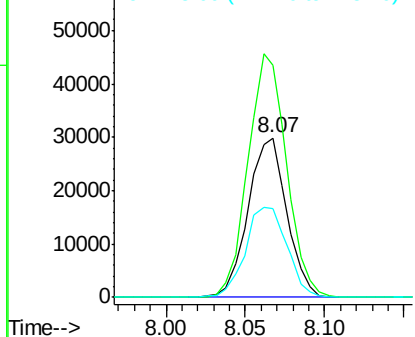
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035170.D
Acq: 15 Jun 2018 12:37

Instrument :
BNA_G
ClientSampleId :
SB-37COMP

Tot Ion:152 Resp: 50624
Ion Ratio Lower Upper
152 100
150 145.7 126.6 189.8
115 55.3 53.0 79.4



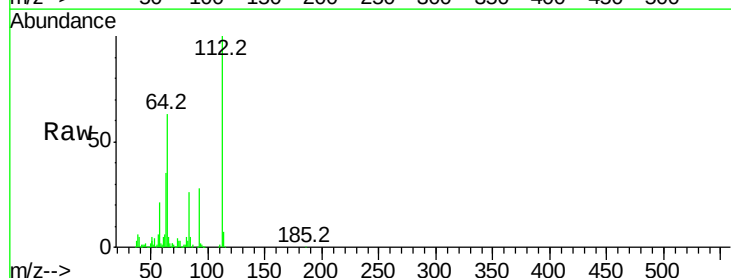
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



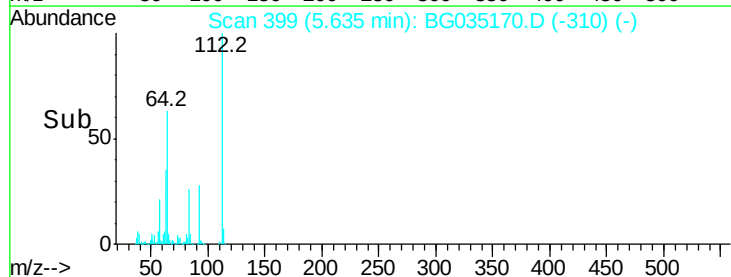
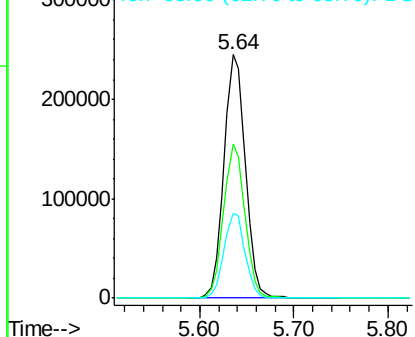
#5

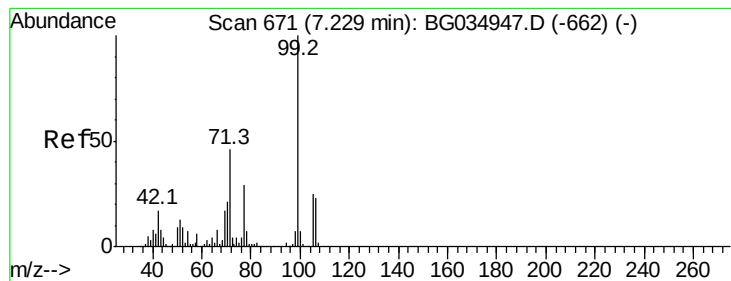
2-Fluorophenol
Concen: 129.735 ng
RT: 5.64 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035170.D
Acq: 15 Jun 2018 12:37

Tgt Ion:112 Resp: 389174
Ion Ratio Lower Upper
112 100
64 63.2 56.3 84.5
63 35.0 30.1 45.1



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





#7

Phenol-d6

Concen: 118.374 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

Instrument :

BNA_G

ClientSampleId :

SB-37COMP

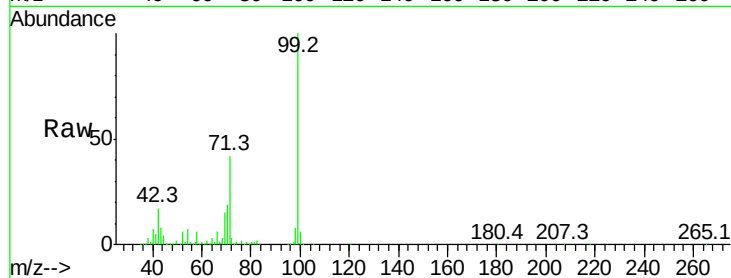
Tot Ion: 99 Resp: 524095

Ion Ratio Lower Upper

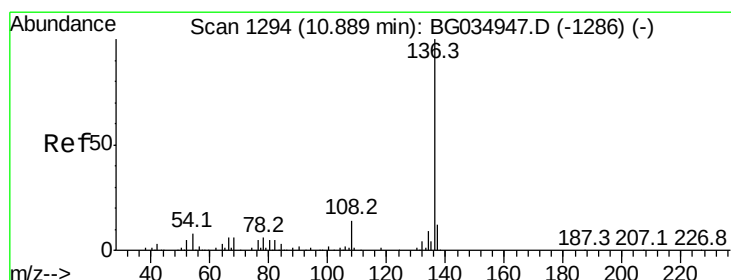
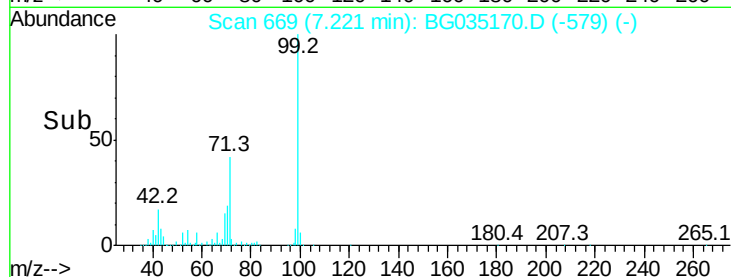
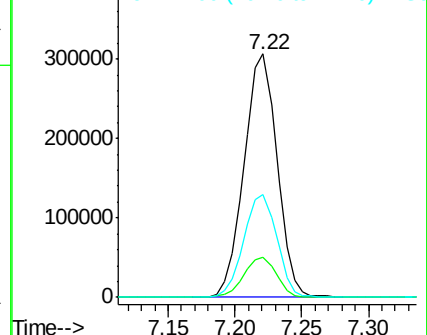
99 100

42 16.6 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. -0.01 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

Tgt Ion: 136 Resp: 199762

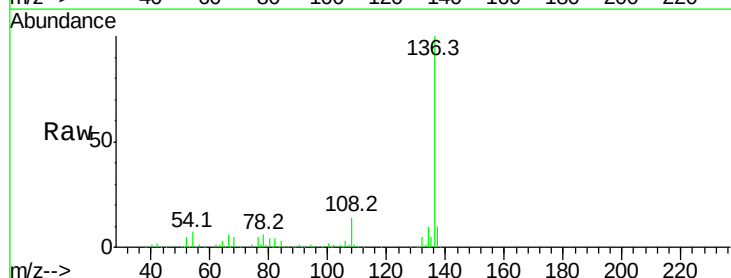
Ion Ratio Lower Upper

136 100

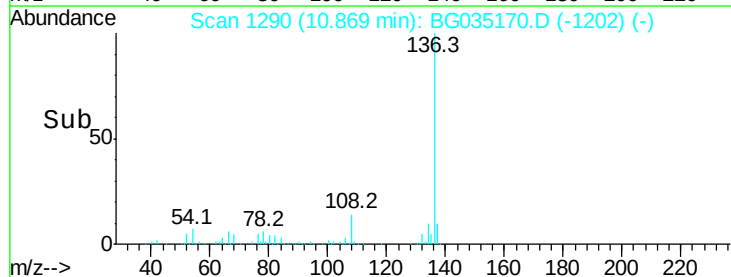
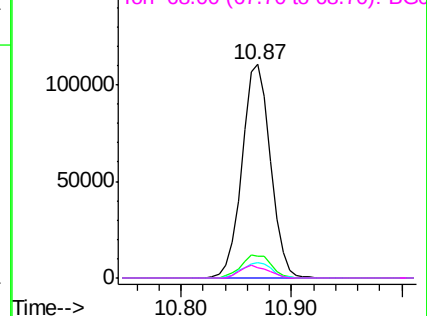
137 10.5 9.2 13.8

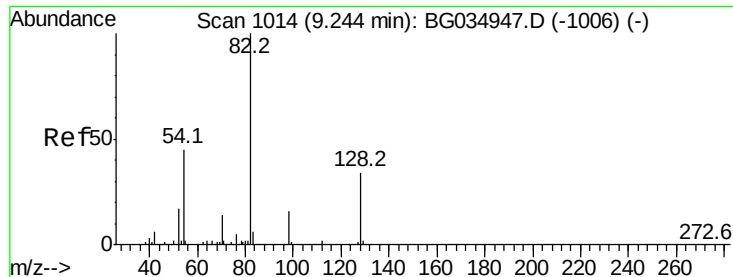
54 7.0 10.3 15.5#

68 5.0 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: 98.279 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

Instrument :

BNA_G

ClientSampleId :

SB-37COMP

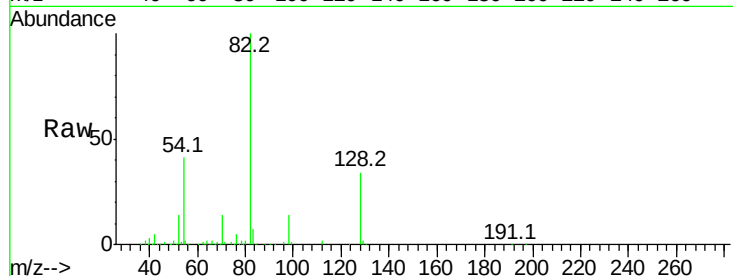
Tot Ion: 82 Resp: 413017

Ion Ratio Lower Upper

82 100

128 34.5 29.7 44.5

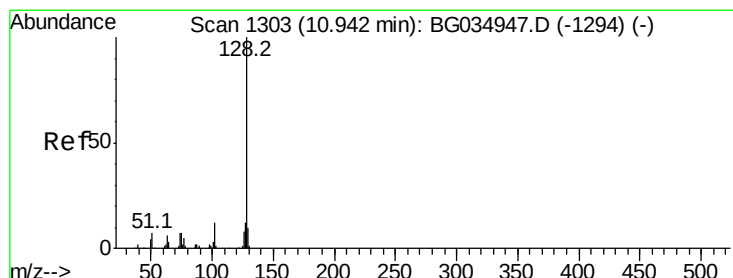
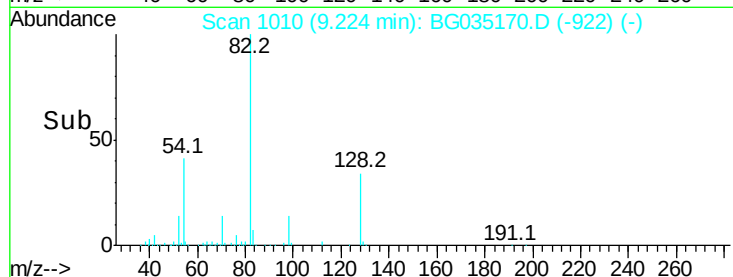
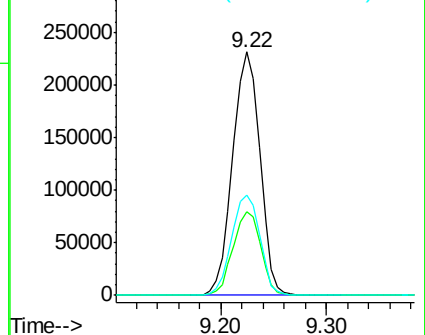
54 41.1 43.1 64.7#



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



#31

Naphthalene

Concen: 6.857 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.01 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

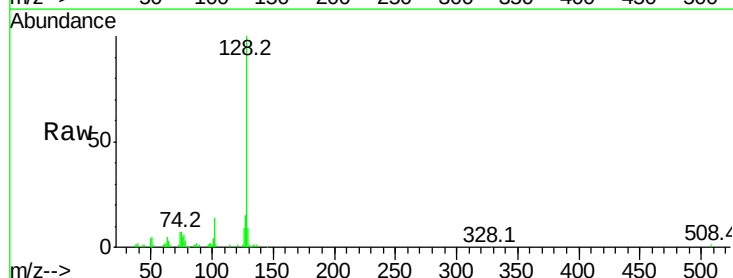
Tgt Ion: 128 Resp: 71160

Ion Ratio Lower Upper

128 100

129 9.1 8.6 12.8

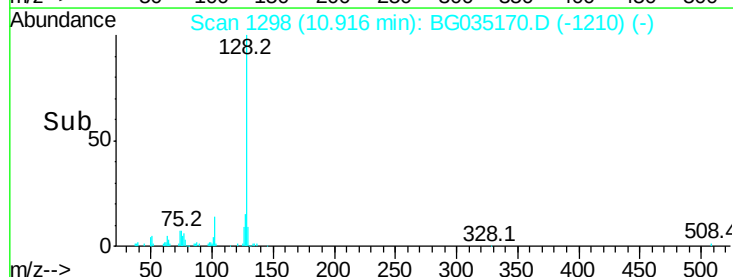
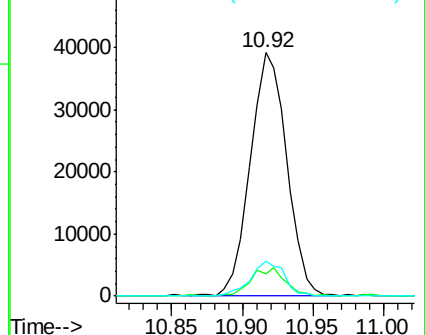
127 14.6 11.6 17.4

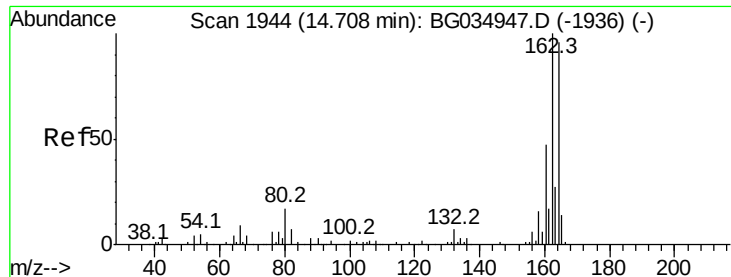


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 129.00 (128.70 to 129.70): BGC

Ion 127.00 (126.70 to 127.70): BGC

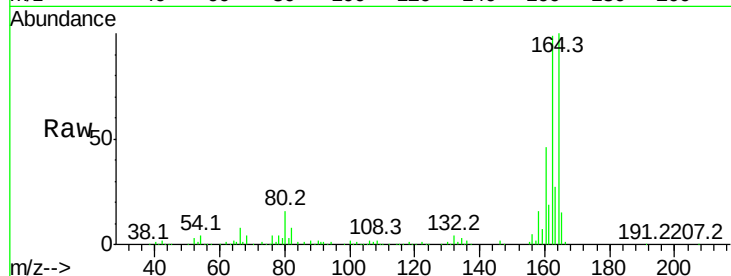




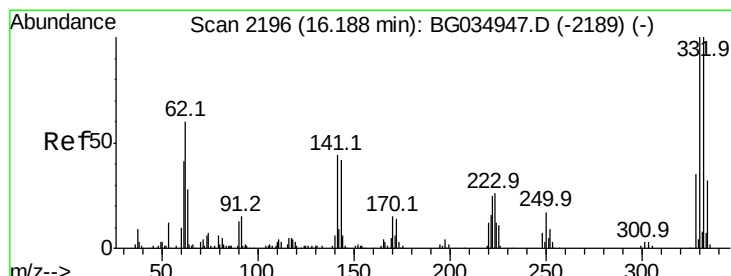
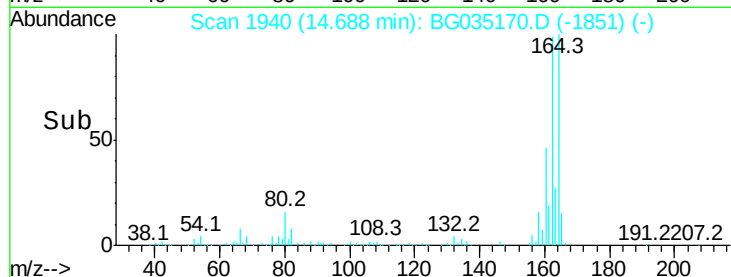
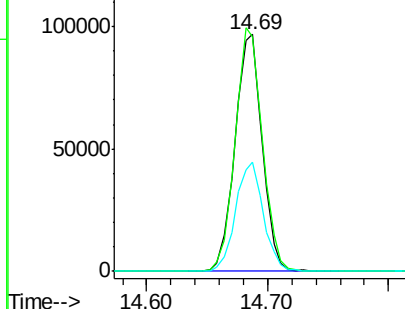
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.69 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG035170.D
 Acq: 15 Jun 2018 12:37

Instrument :
 BNA_G
 ClientSampleId :
 SB-37COMP

Tot Ion:164 Resp: 151462
 Ion Ratio Lower Upper
 164 100
 162 99.2 78.8 118.2
 160 46.2 35.4 53.0

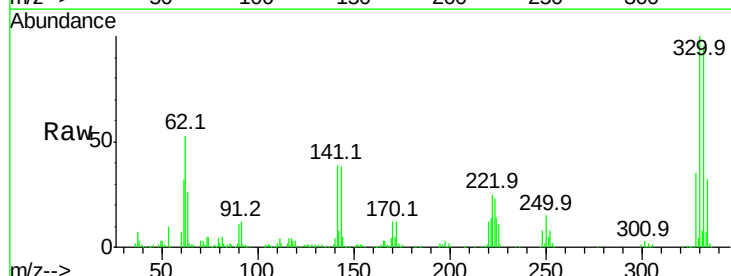


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

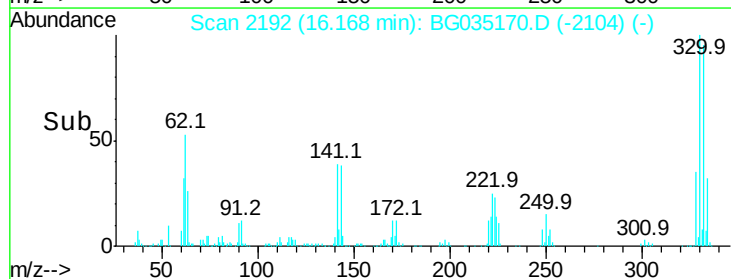
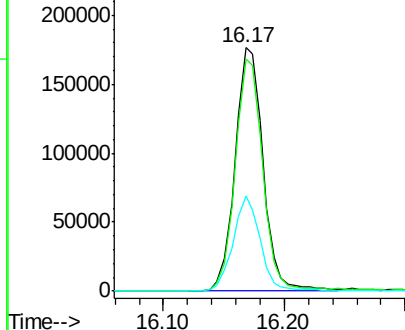


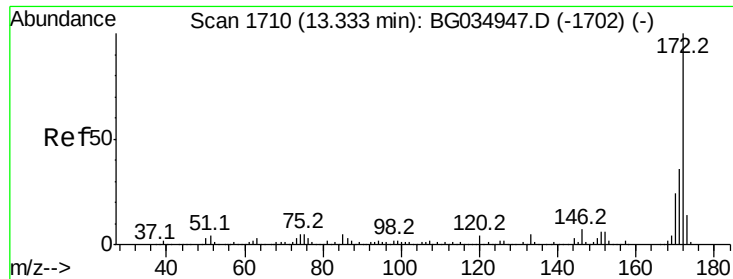
#41
 2,4,6-Tribromophenol
 Concen: 147.158 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG035170.D
 Acq: 15 Jun 2018 12:37

Tgt Ion:330 Resp: 285326
 Ion Ratio Lower Upper
 330 100
 332 95.1 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

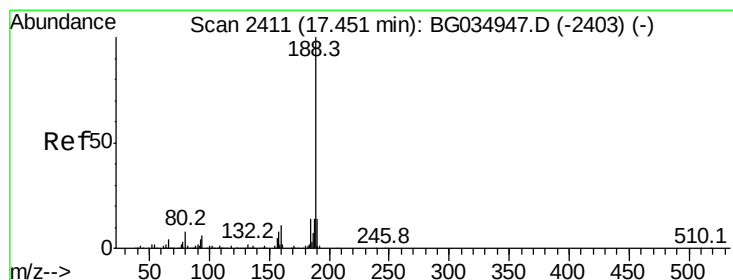
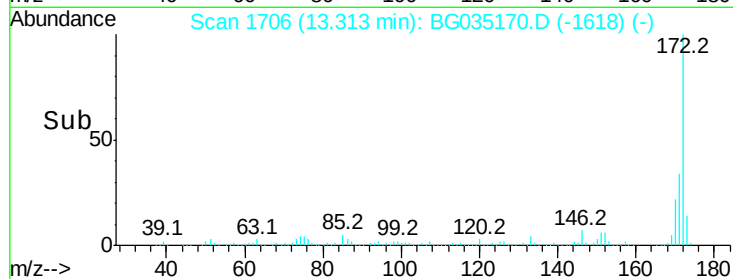
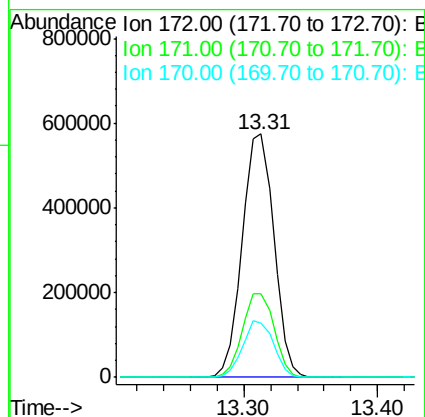
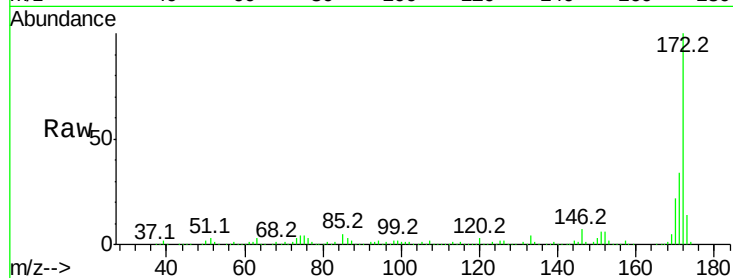




#44
 2-Fluorobiphenyl
 Concen: 80.766 ng
 RT: 13.31 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: BG035170.D
 Acq: 15 Jun 2018 12:37

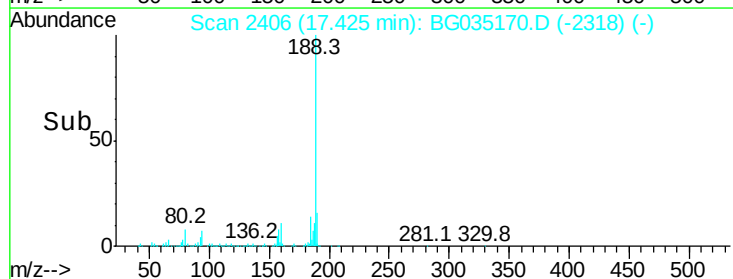
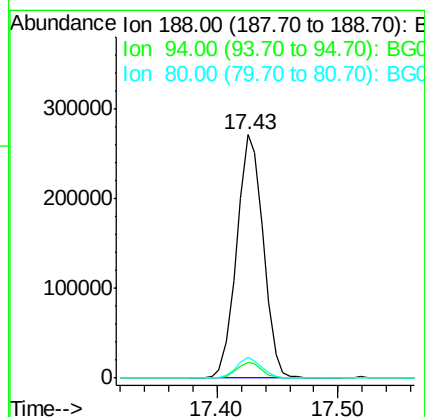
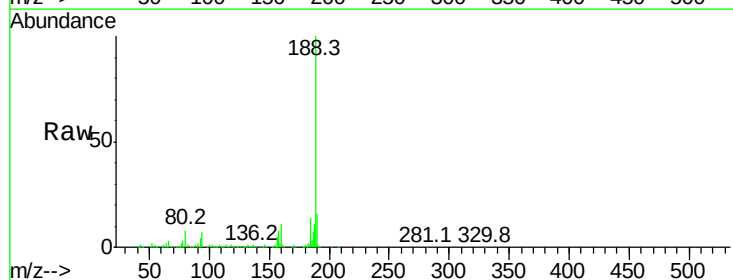
Instrument :
 BNA_G
 ClientSampleId :
 SB-37COMP

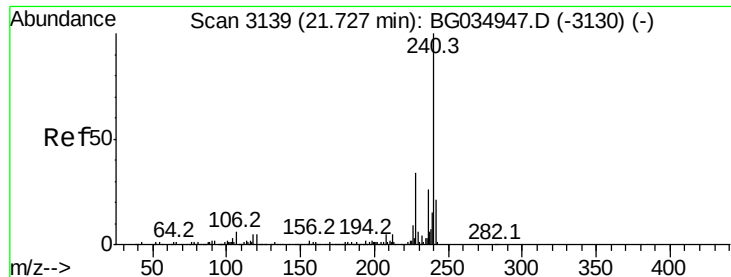
Tot Ion:172 Resp: 940997
 Ion Ratio Lower Upper
 172 100
 171 34.5 30.0 45.0
 170 22.2 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BG035170.D
 Acq: 15 Jun 2018 12:37

Tgt Ion:188 Resp: 416174
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 8.5 7.7 11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3133

Delta R.T. -0.02 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

Instrument :

BNA_G

ClientSampleId :

SB-37COMP

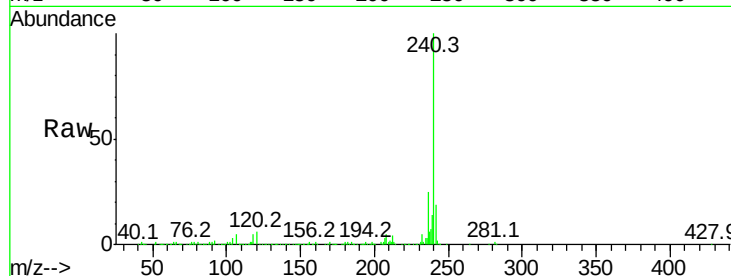
Tot Ion:240 Resp: 455401

Ion Ratio Lower Upper

240 100

120 6.1 6.8 10.2#

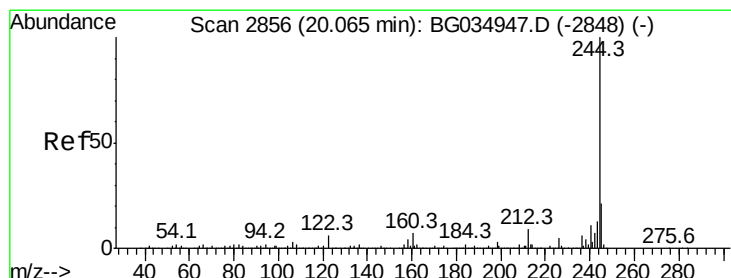
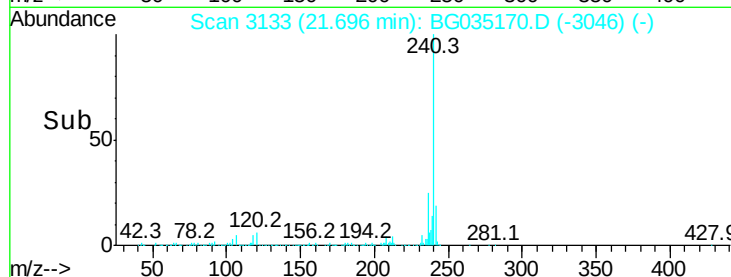
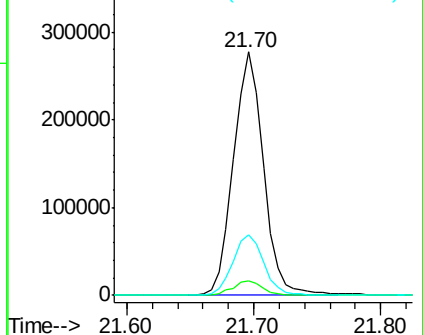
236 25.0 20.9 31.3



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: 87.512 ng

RT: 20.04 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG035170.D

Acq: 15 Jun 2018 12:37

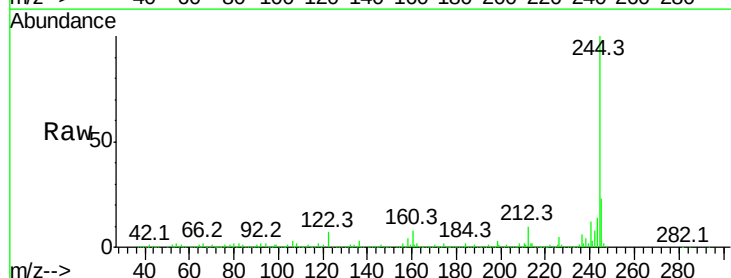
Tgt Ion:244 Resp: 1902580

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

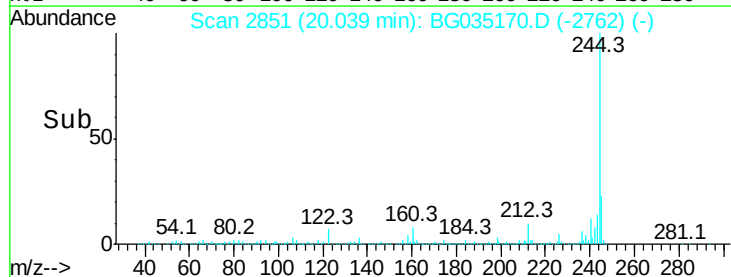
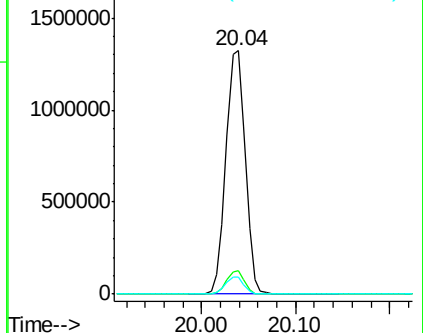
122 7.0 7.0 10.4

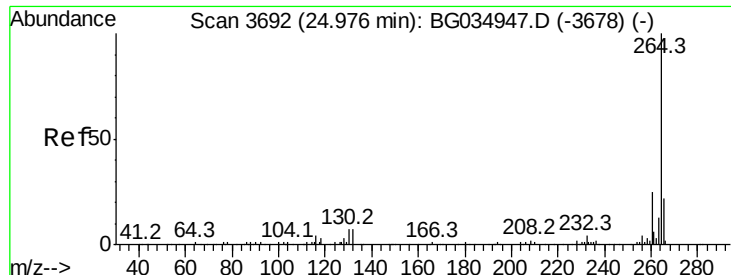


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

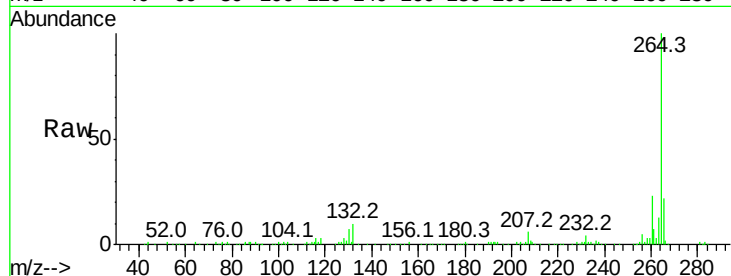




#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3683
Delta R.T. -0.03 min
Lab File: BG035170.D
Acq: 15 Jun 2018 12:37

Instrument :
BNA_G
ClientSampleId :
SB-37COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	17.4	26.0
265	22.3	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

