

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035528.D
 Acq On : 30 Jun 2018 5:47
 Operator : JU/SJ
 Sample : J3774-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(4-6)

Quant Time: Jul 02 01:21:48 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

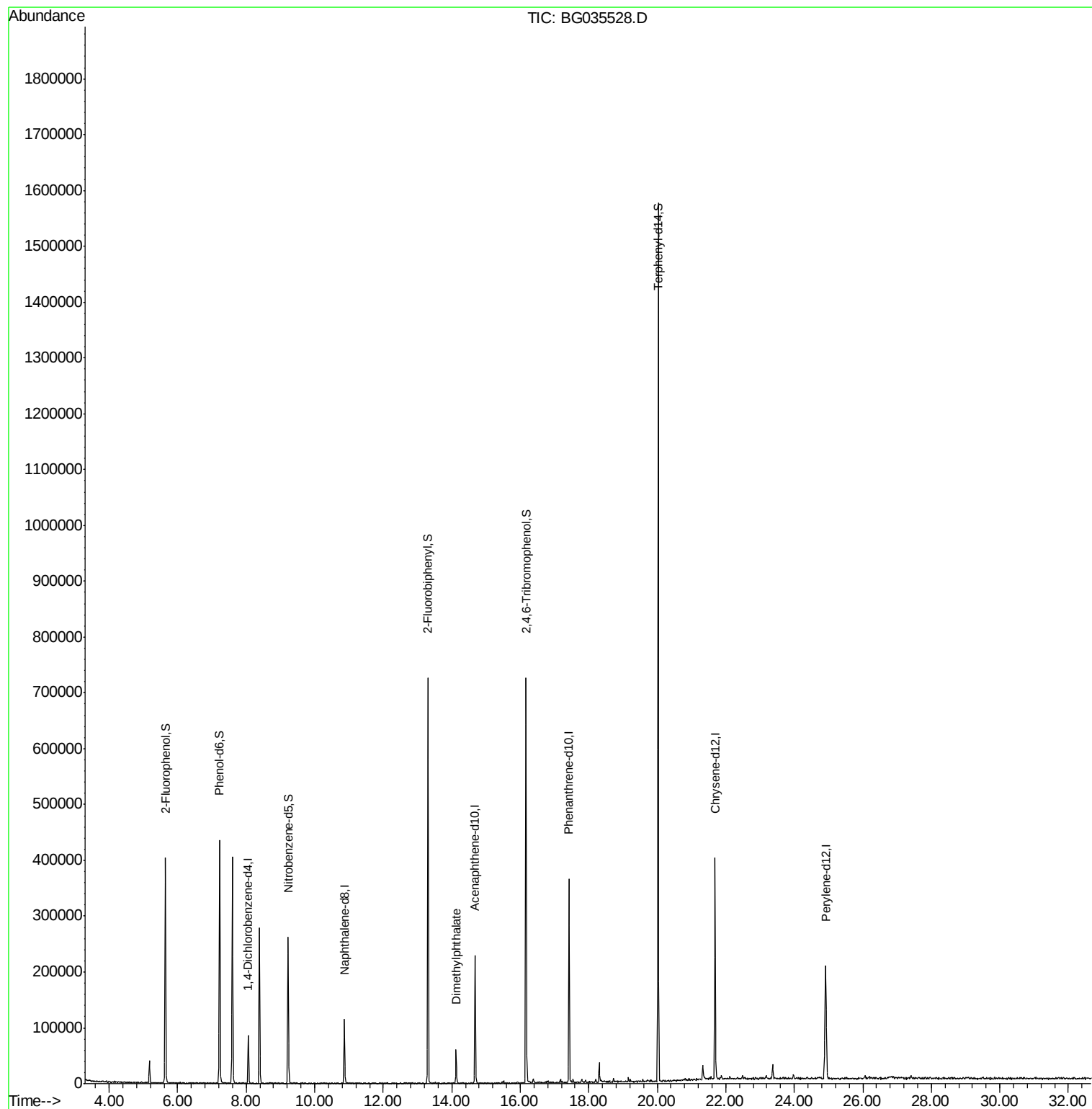
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24685	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	99948	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	80796	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	227463	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	243125	20.00	ng	-0.03
86) Perylene-d12	24.91	264	231330	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	171753	117.42	ng	0.00
7) Phenol-d6	7.22	99	268761	124.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	170337	81.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.17	330	136395	131.87	ng	-0.01
44) 2-Fluorobiphenyl	13.31	172	389777	62.71	ng	-0.02
78) Terphenyl-d14	20.03	244	756259	65.16	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	41940	5.953	ng	Qvalue # 95

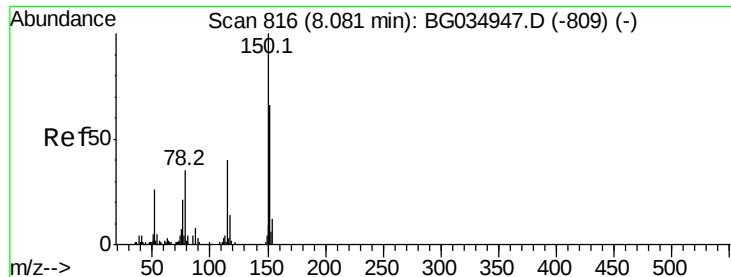
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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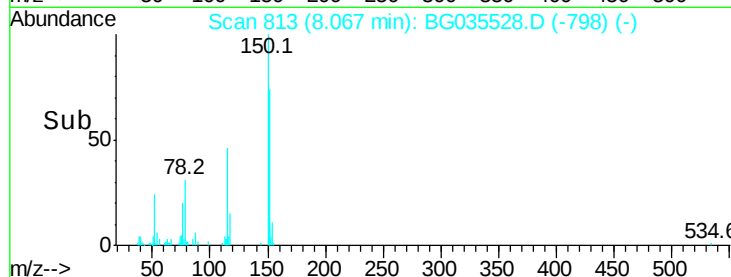
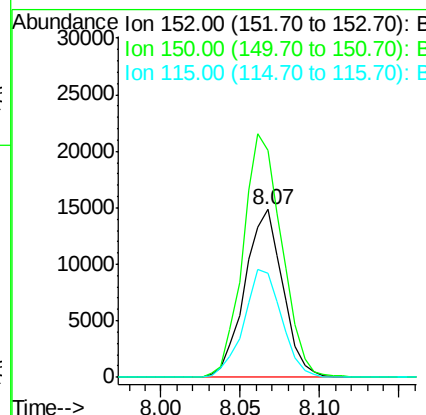
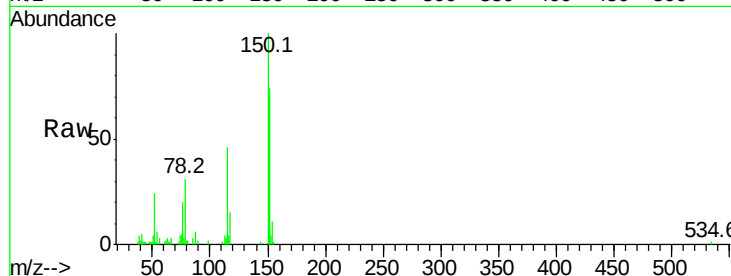


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 813
Delta R.T. -0.01 min
Lab File: BG035528.D
Acq: 30 Jun 2018 5:47

Instrument :
BNA_G
ClientSampleId :
SB-1(4-6)

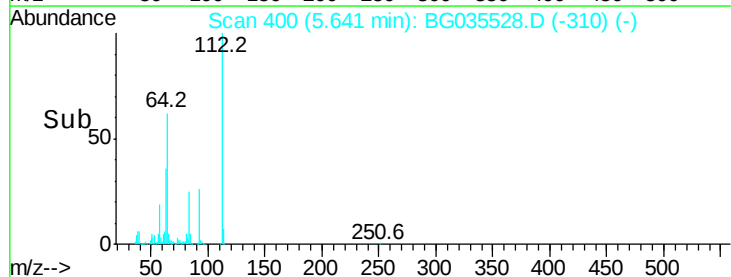
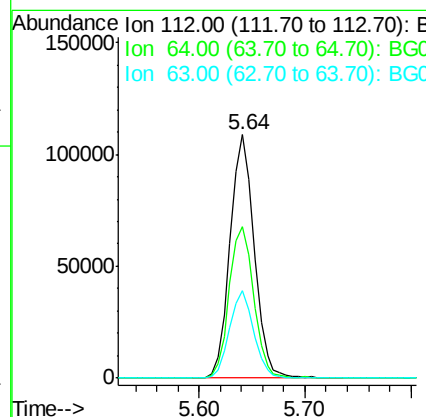
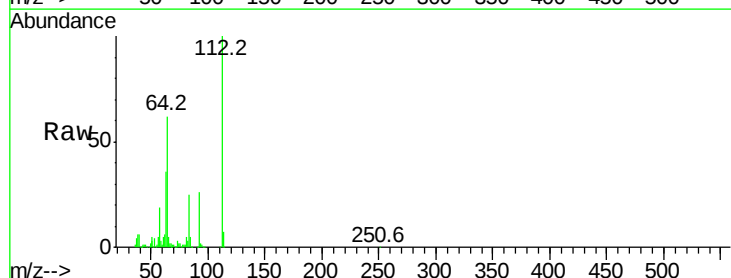
Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	126.6	189.8
115	61.9	53.0	79.4

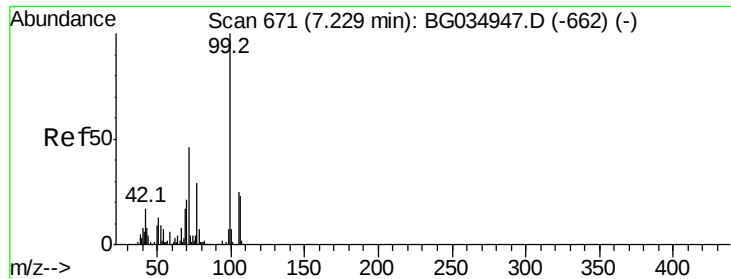


#5

2-Fluorophenol
Concen: 117.420 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035528.D
Acq: 30 Jun 2018 5:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.4	56.3	84.5
63	35.9	30.1	45.1





#7

Phenol-d6

Concen: 124.490 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

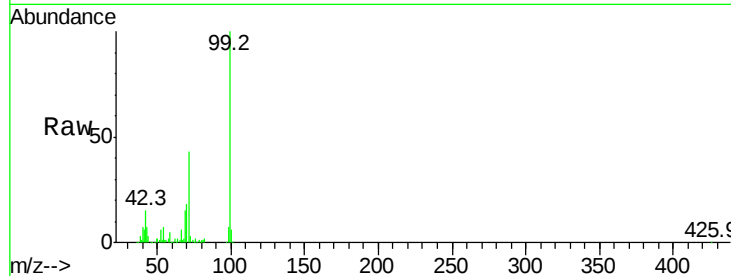
Tot Ion: 99 Resp: 268761

Ion Ratio Lower Upper

99 100

42 15.4 14.1 21.1

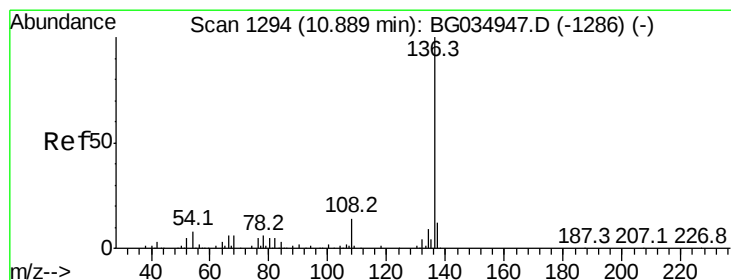
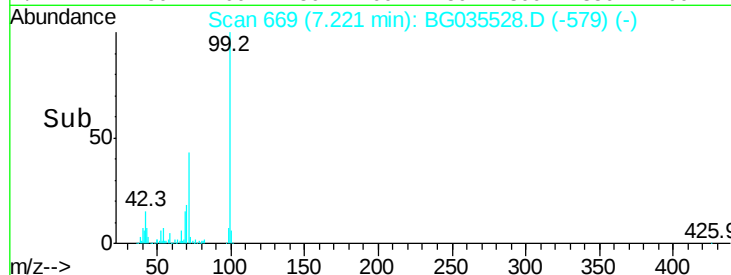
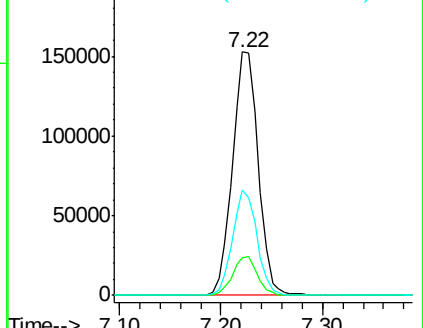
71 43.4 26.1 39.1#



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: 10.86 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

Tgt Ion: 136 Resp: 99948

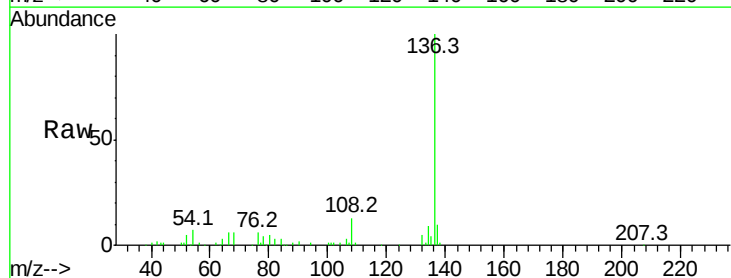
Ion Ratio Lower Upper

136 100

137 10.2 9.2 13.8

54 6.9 10.3 15.5#

68 5.7 4.5 6.7

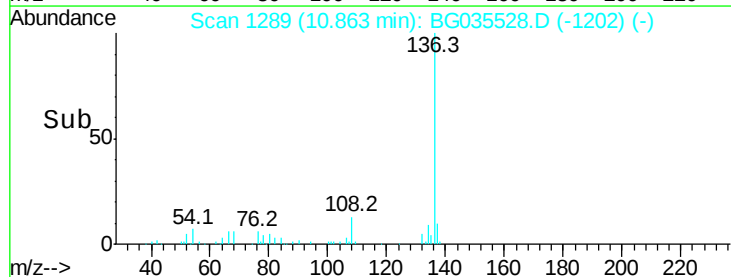
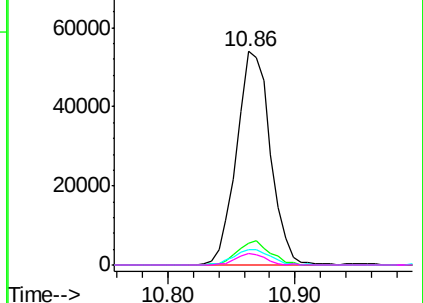


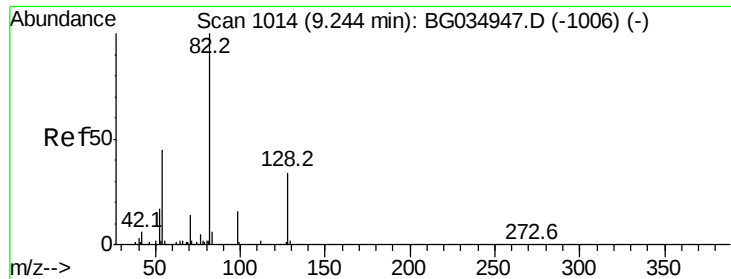
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

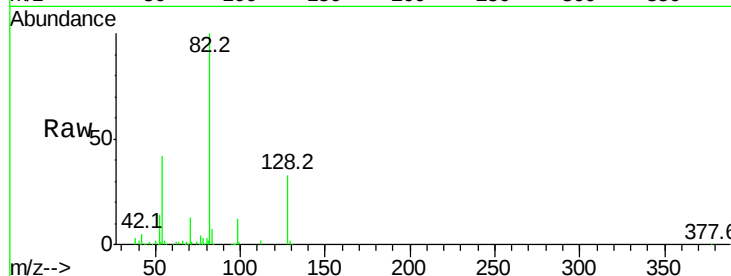




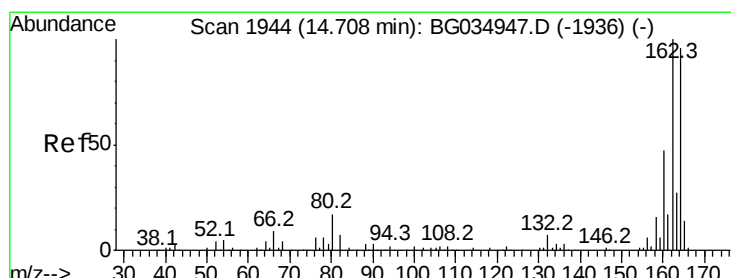
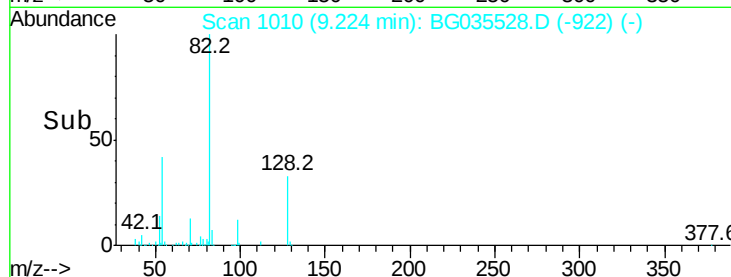
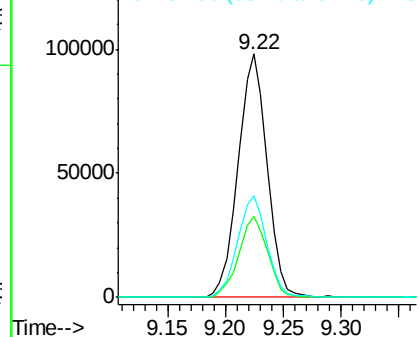
#23
Nitrobenzene-d5
Concen: 81.011 ng
RT: 9.22 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BG035528.D
Acq: 30 Jun 2018 5:47

Instrument :
BNA_G
ClientSampleId :
SB-1(4-6)

Tot Ion	Ratio	Lower	Upper
82	100		
128	33.3	29.7	44.5
54	42.0	43.1	64.7#

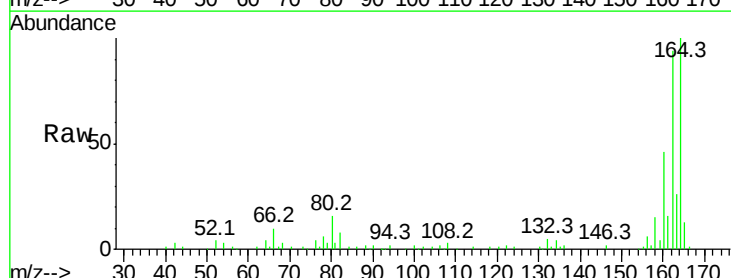


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

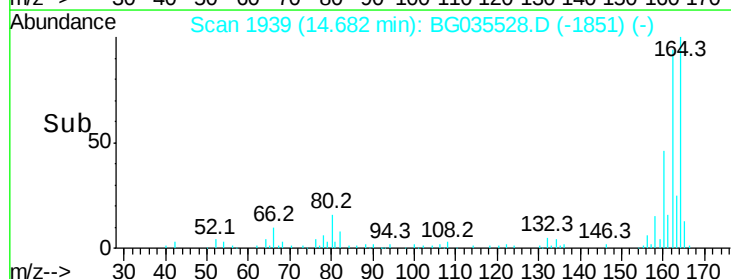
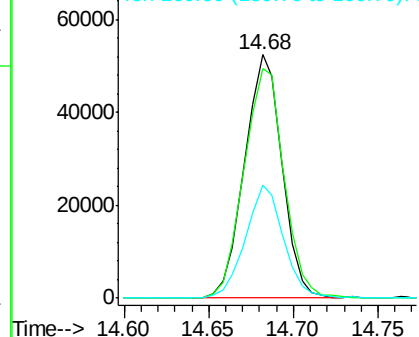


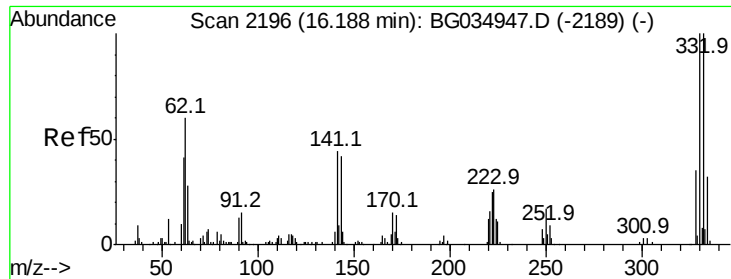
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1939
Delta R.T. -0.01 min
Lab File: BG035528.D
Acq: 30 Jun 2018 5:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	78.8	118.2
160	46.3	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

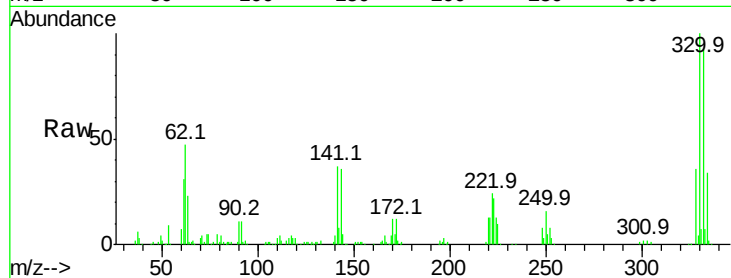




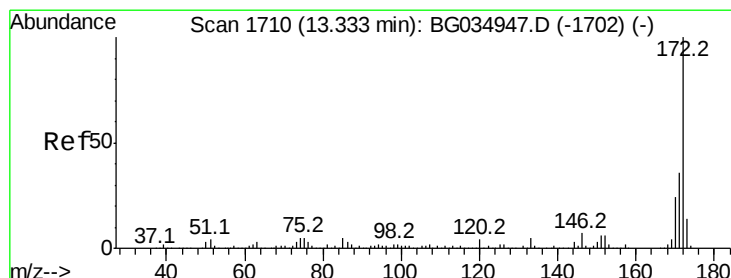
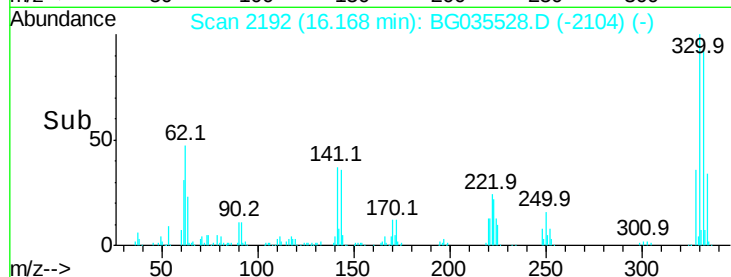
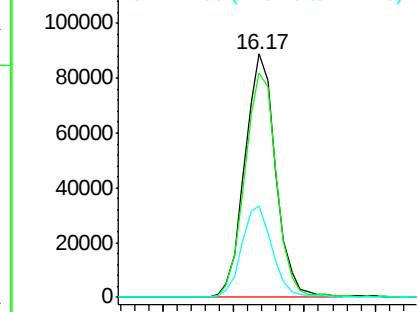
#41
 2,4,6-Tribromophenol
 Concen: 131.873 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.01 min
 Lab File: BG035528.D
 Acq: 30 Jun 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(4-6)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	37.1	25.2	37.8

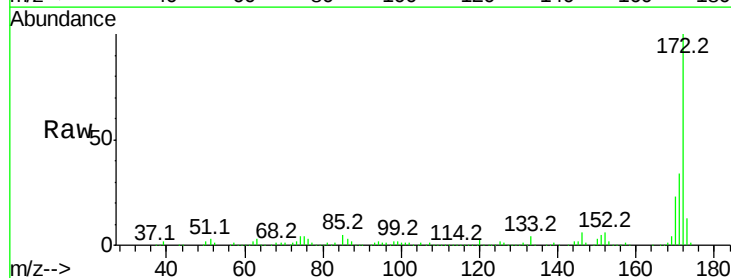


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

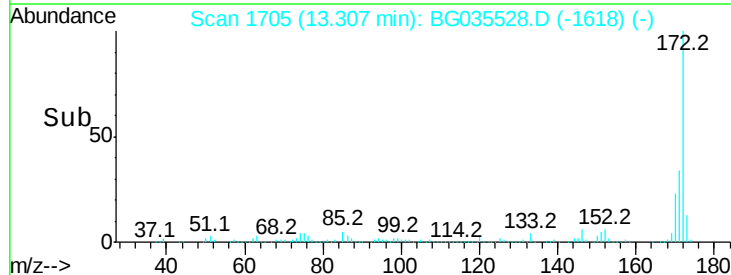
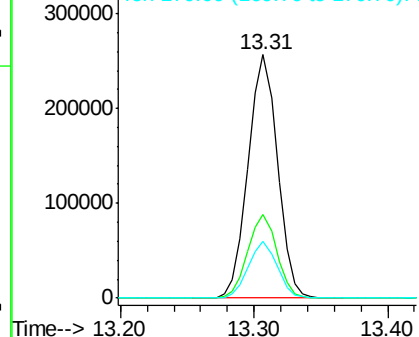


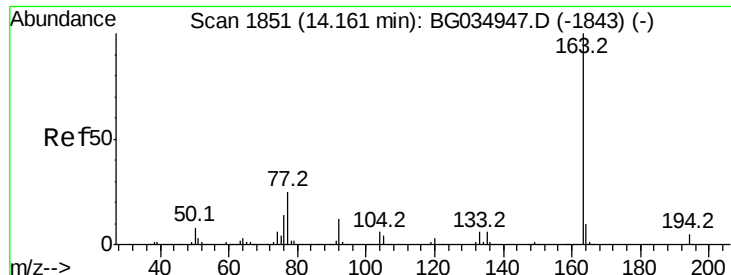
#44
 2-Fluorobiphenyl
 Concen: 62.715 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035528.D
 Acq: 30 Jun 2018 5:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.2	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





#49

Dimethylphthalate

Concen: 5.953 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

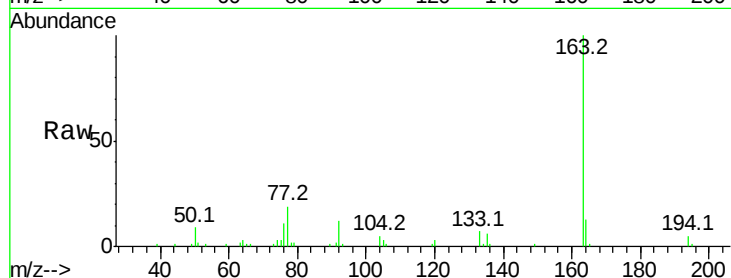
Tot Ion:163 Resp: 41940

Ion Ratio Lower Upper

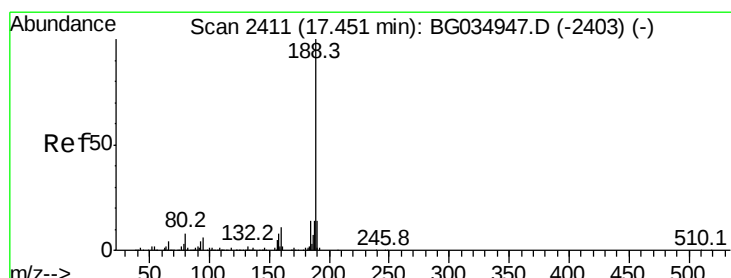
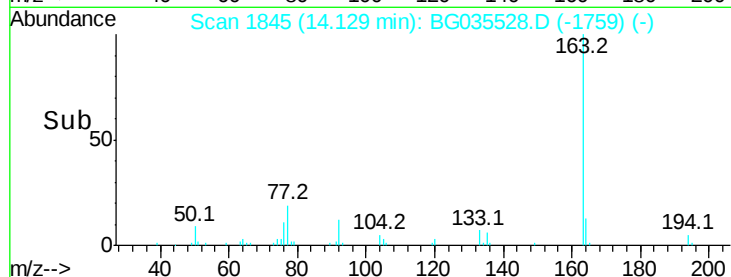
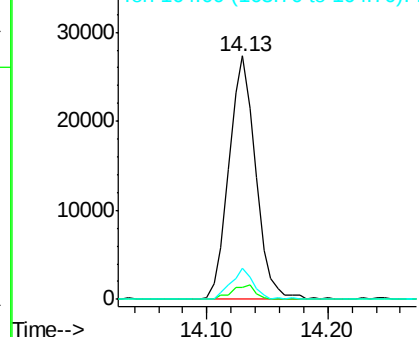
163 100

194 5.0 3.4 5.2

164 12.8 8.2 12.4#



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

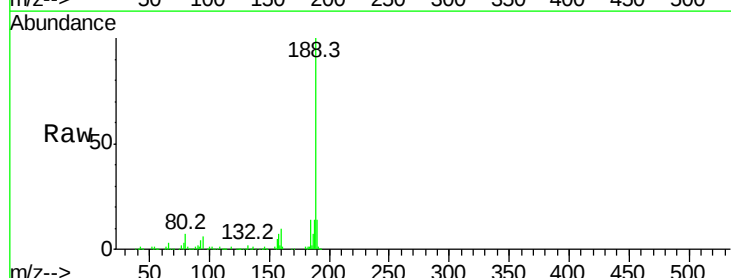
Tgt Ion:188 Resp: 227463

Ion Ratio Lower Upper

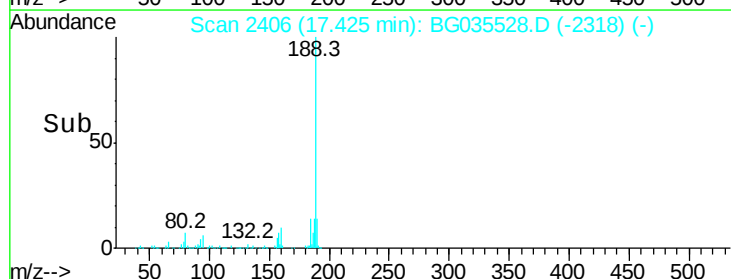
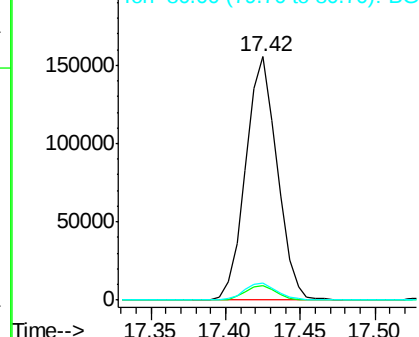
188 100

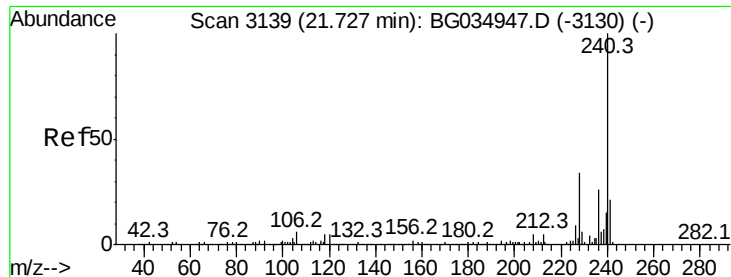
94 5.8 6.9 10.3#

80 6.8 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# 3132

Delta R.T. -0.03 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

Instrument :

BNA_G

ClientSampleId :

SB-1(4-6)

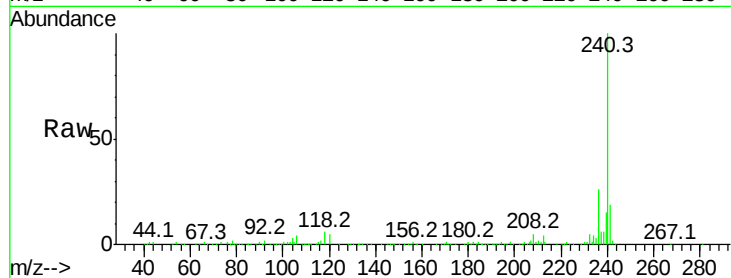
Tot Ion:240 Resp: 243125

Ion Ratio Lower Upper

240 100

120 5.5 6.8 10.2#

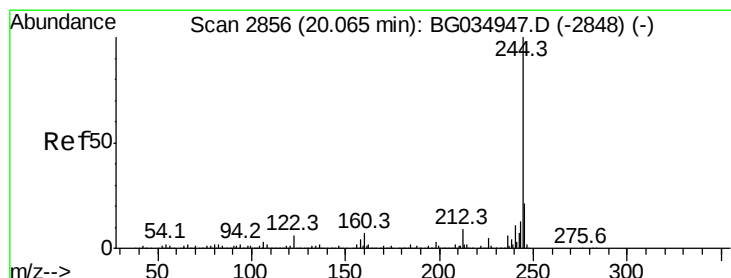
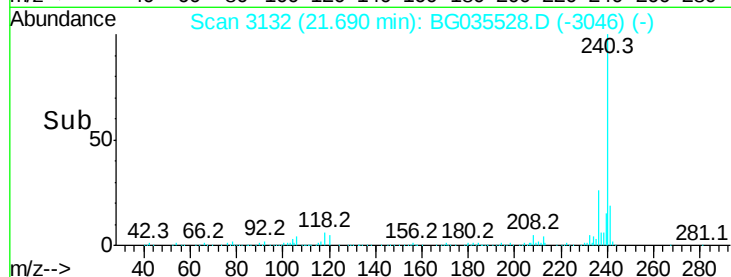
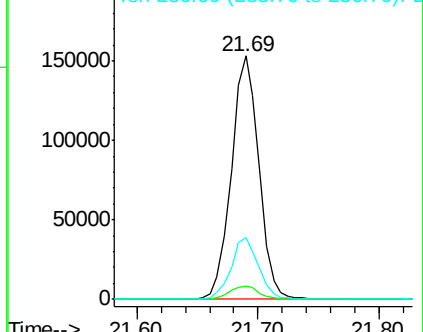
236 25.6 20.9 31.3



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: 65.156 ng

RT: 20.03 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035528.D

Acq: 30 Jun 2018 5:47

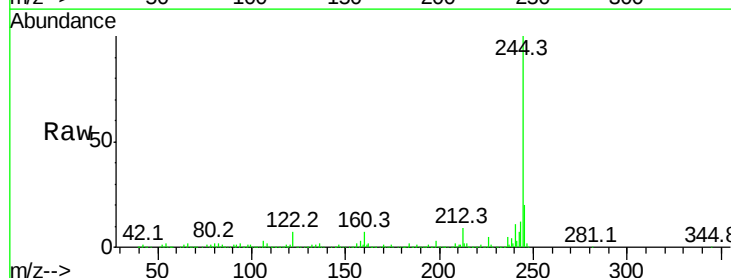
Tgt Ion:244 Resp: 756259

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

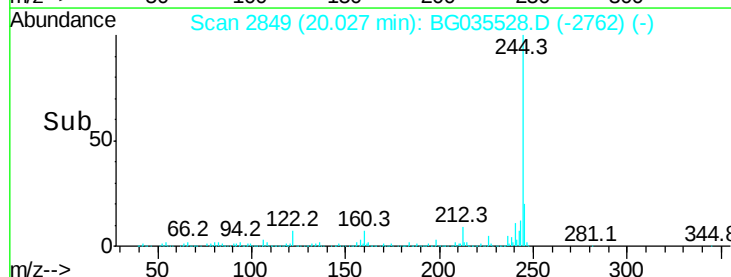
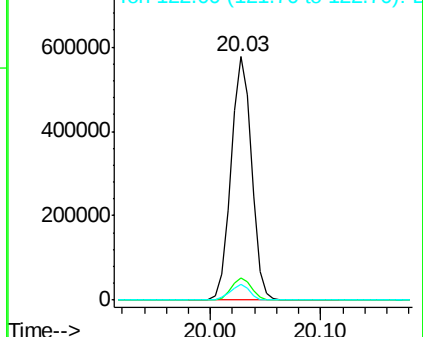
122 6.7 7.0 10.4#

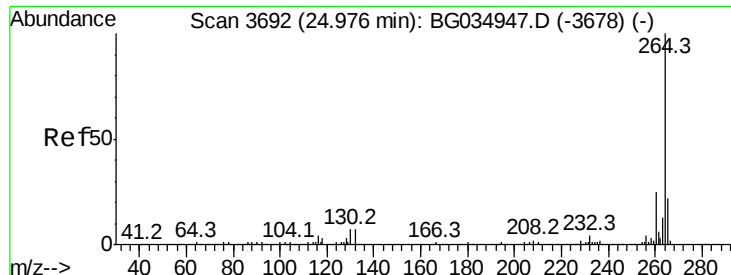


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3681
 Delta R.T. -0.04 min
 Lab File: BG035528.D
 Acq: 30 Jun 2018 5:47

Instrument :
 BNA_G
 ClientSampleId :
 SB-1(4-6)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	20.0	17.7	26.5

