

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035525.D
 Acq On : 30 Jun 2018 3:51
 Operator : JU/SJ
 Sample : J3774-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(8-10)

Quant Time: Jul 02 01:14:41 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

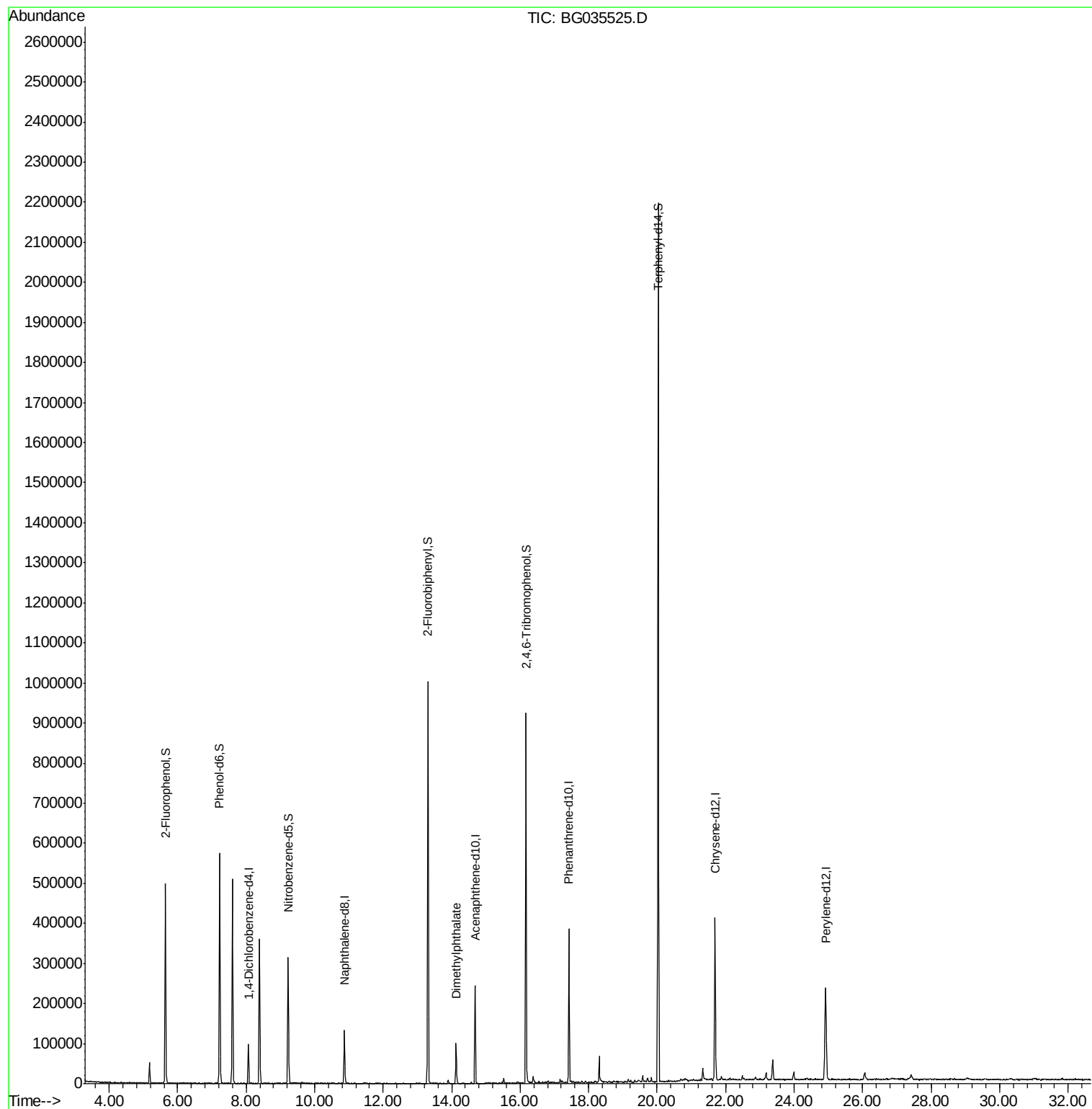
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27438	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	109555	20.00	ng	-0.02
38) Acenaphthene-d10	14.69	164	87878	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	242887	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	261399	20.00	ng	-0.03
86) Perylene-d12	24.91	264	251642	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	218517	134.40	ng	0.00
7) Phenol-d6	7.22	99	332230	138.45	ng	0.00
23) Nitrobenzene-d5	9.22	82	210607	91.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	176270	156.69	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	538805	79.71	ng	-0.02
78) Terphenyl-d14	20.03	244	1035195	82.95	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	65625	8.564	ng	Qvalue 97

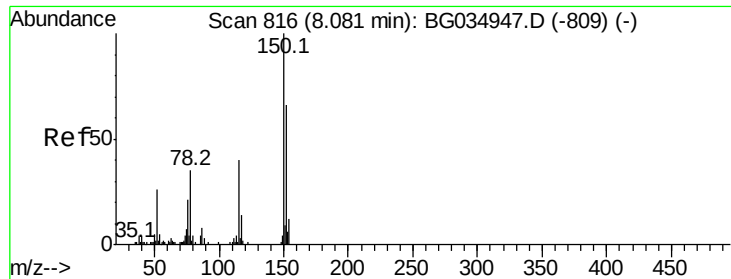
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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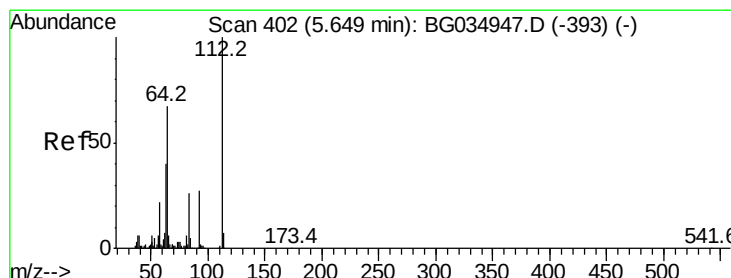
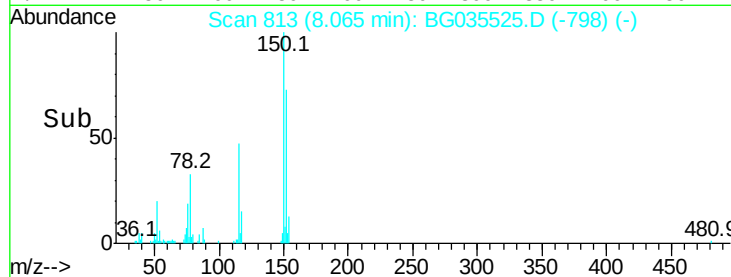
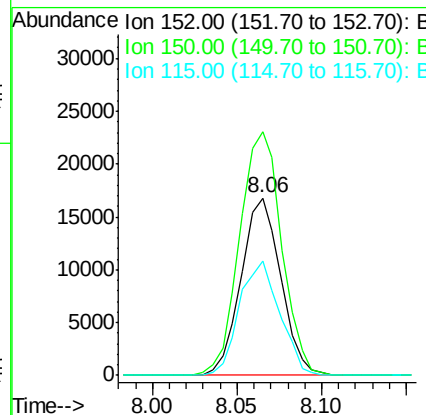
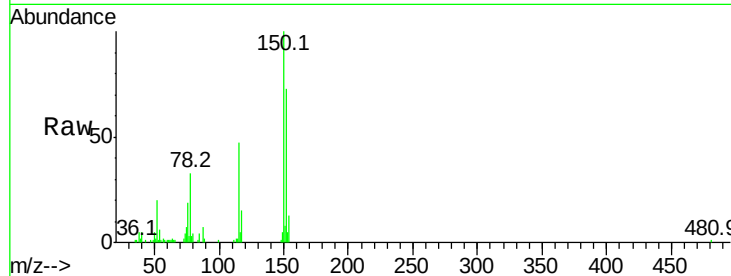


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(8-10)

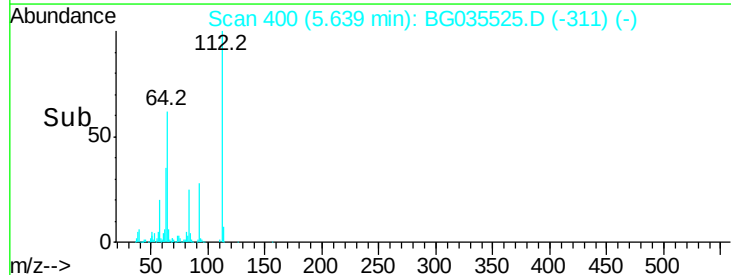
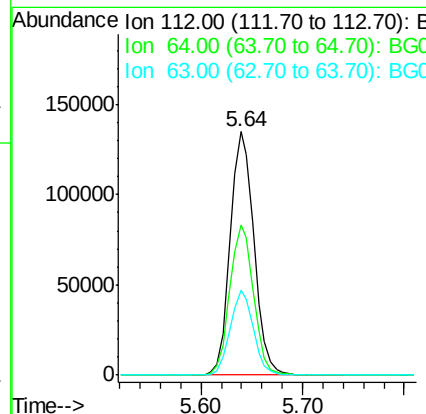
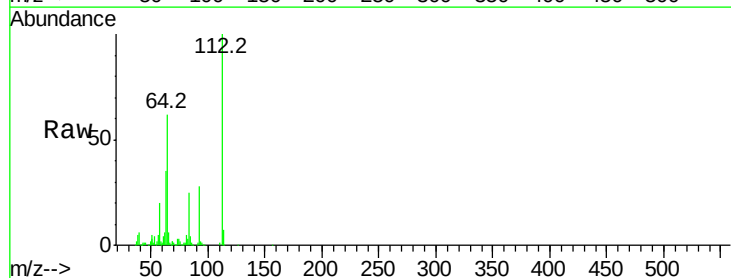
Tot Ion	Ratio	Lower	Upper
152	100		
150	137.5	126.6	189.8
115	64.4	53.0	79.4

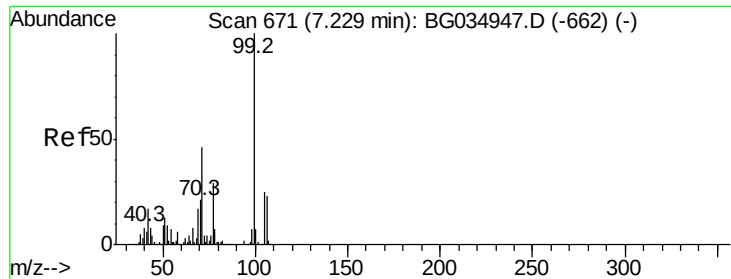


#5

2-Fluorophenol
 Concen: 134.402 ng
 RT: 5.64 min Scan# 400
 Delta R.T. -0.01 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	56.3	84.5
63	34.9	30.1	45.1





#7

Phenol-d6

Concen: 138.449 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Instrument :

BNA_G

ClientSampleId :

SB-4(8-10)

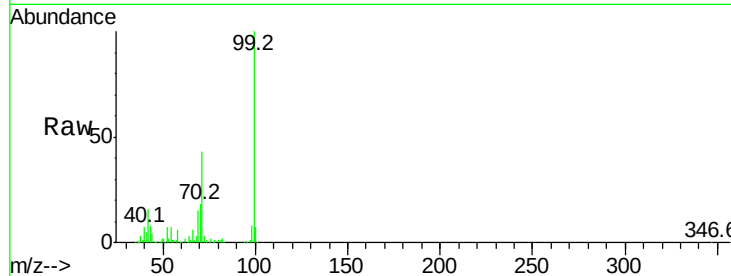
Tot Ion: 99 Resp: 332230

Ion Ratio Lower Upper

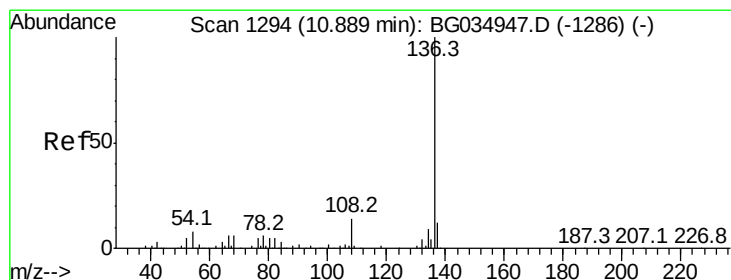
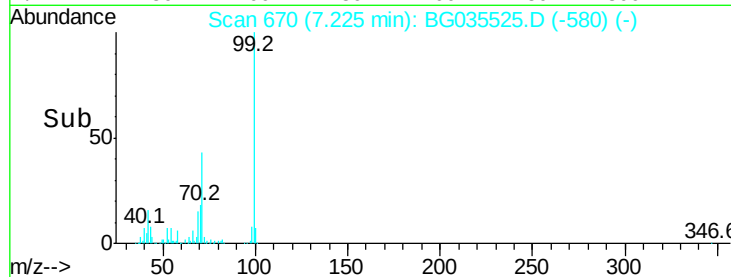
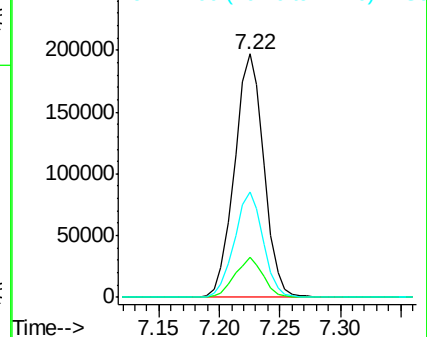
99 100

42 16.4 14.1 21.1

71 43.2 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: BG035525.D

Acq: 30 Jun 2018 3:51

Tgt Ion: 136 Resp: 109555

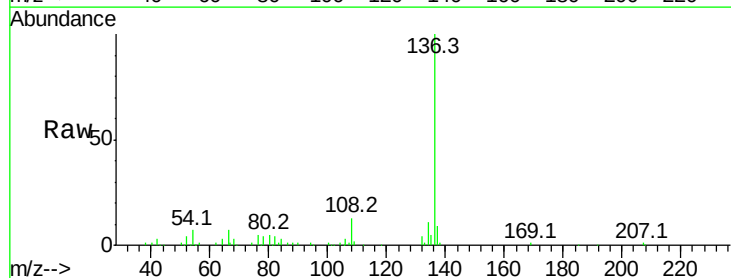
Ion Ratio Lower Upper

136 100

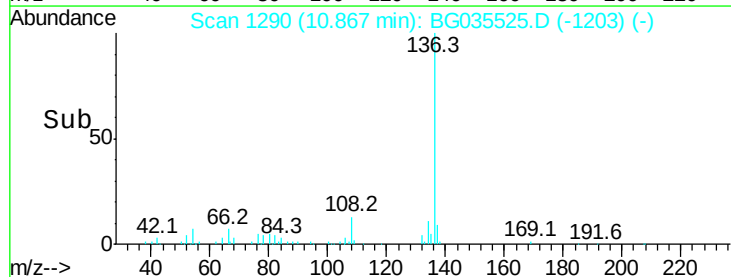
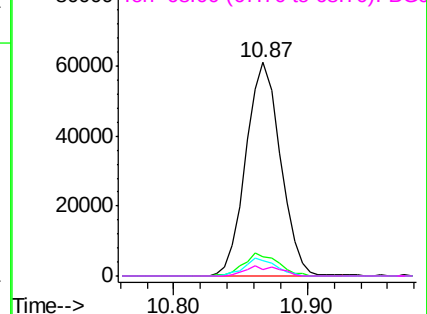
137 9.2 9.2 13.8

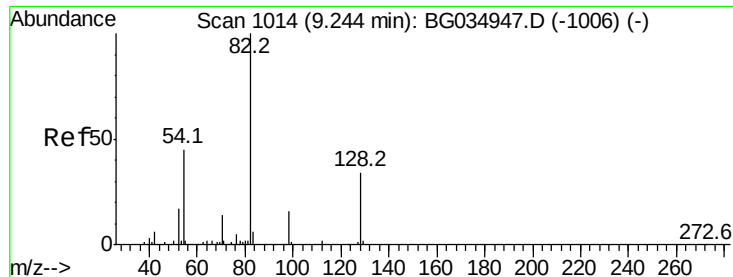
54 7.2 10.3 15.5#

68 3.3 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: 91.379 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Instrument :

BNA_G

ClientSampleId :

SB-4(8-10)

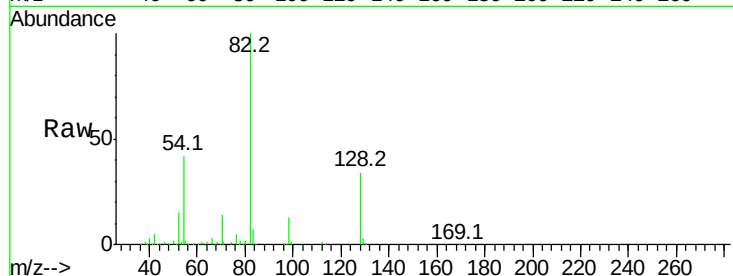
Tot Ion: 82 Resp: 210607

Ion Ratio Lower Upper

82 100

128 34.4 29.7 44.5

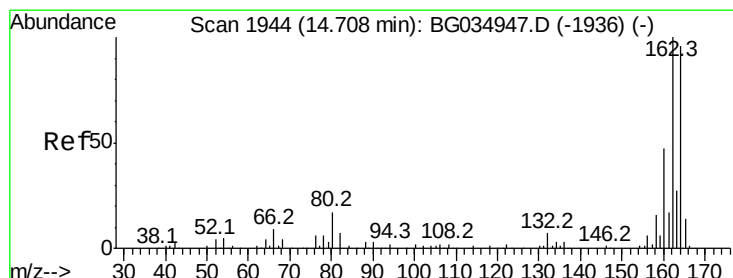
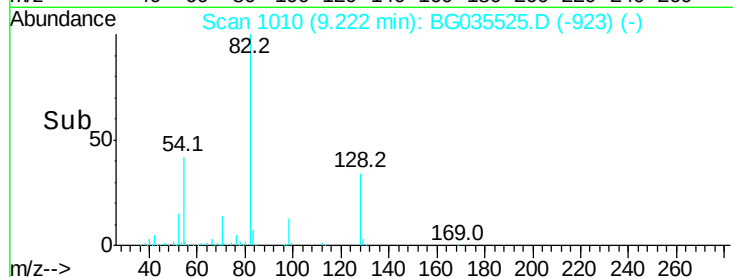
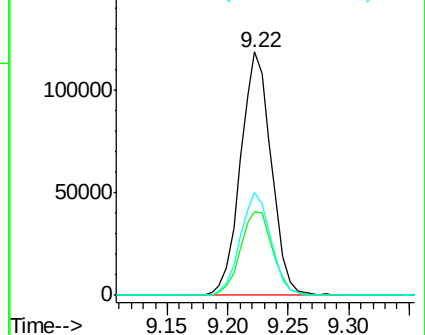
54 42.0 43.1 64.7#



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: 14.69 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

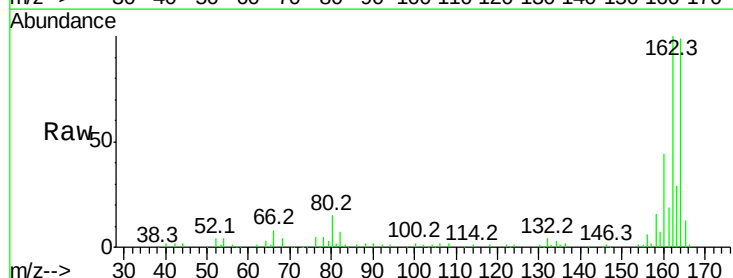
Tgt Ion:164 Resp: 87878

Ion Ratio Lower Upper

164 100

162 100.8 78.8 118.2

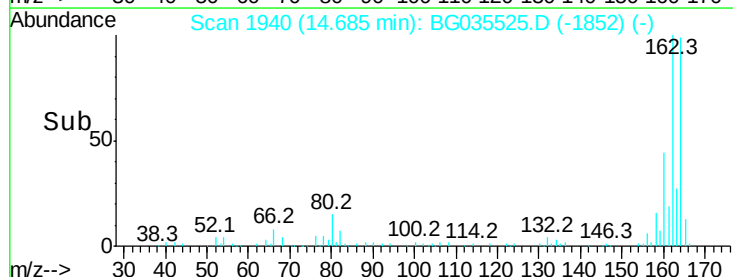
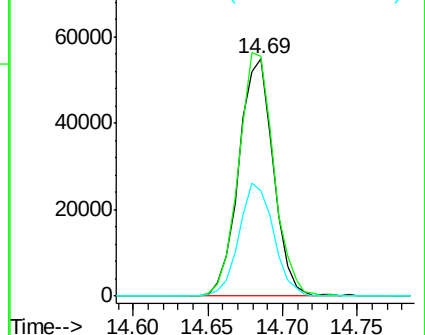
160 44.1 35.4 53.0

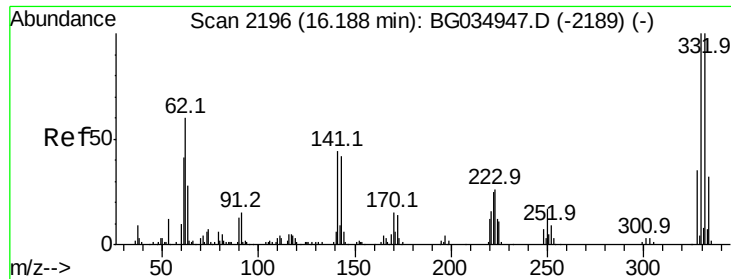


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

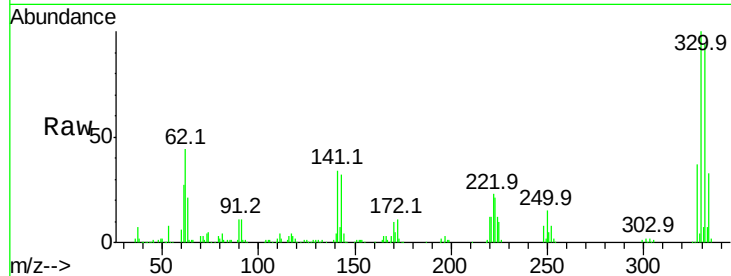




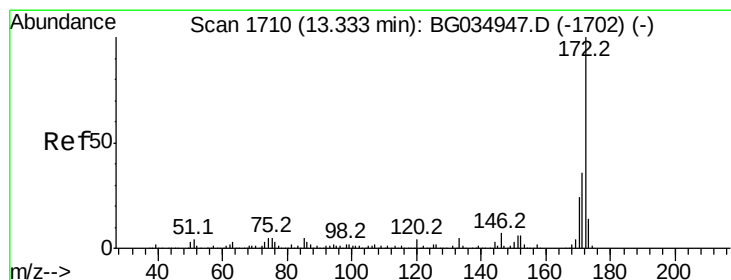
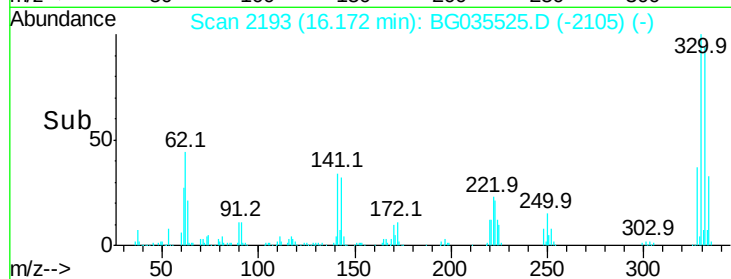
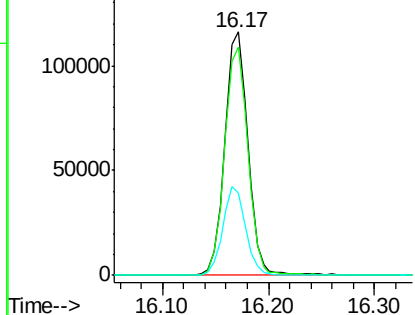
#41
 2,4,6-Tribromophenol
 Concen: 156.691 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

Instrument :
 BNA_G
 ClientSampleId :
 SB-4(8-10)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	77.0	115.6
141	36.0	25.2	37.8

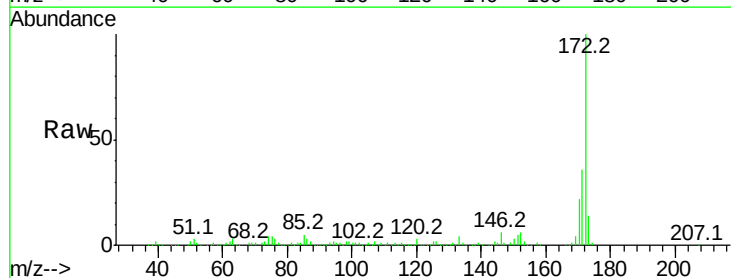


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

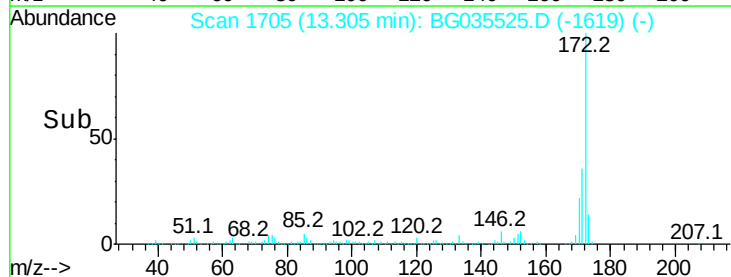
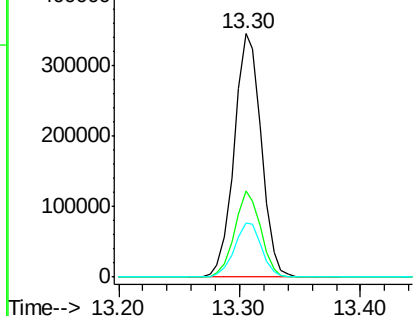


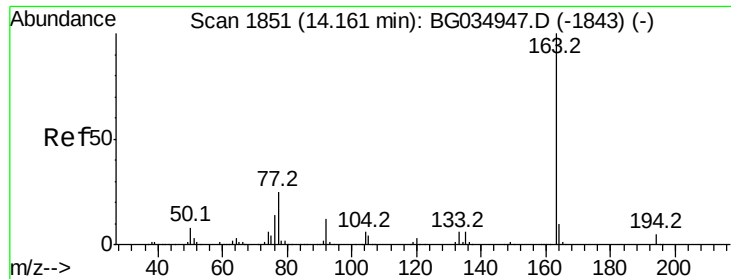
#44
 2-Fluorobiphenyl
 Concen: 79.706 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035525.D
 Acq: 30 Jun 2018 3:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	30.0	45.0
170	22.4	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: 8.564 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

Instrument :

BNA_G

ClientSampleId :

SB-4(8-10)

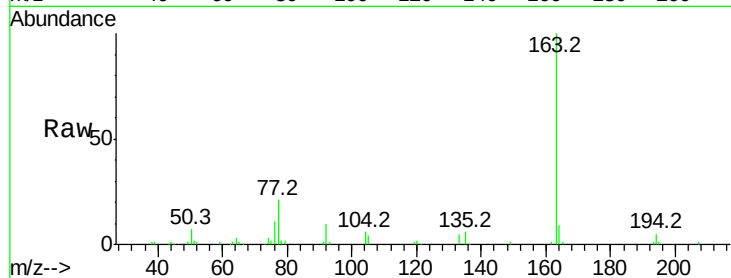
Tot Ion:163 Resp: 65625

Ion Ratio Lower Upper

163 100

194 5.1 3.4 5.2

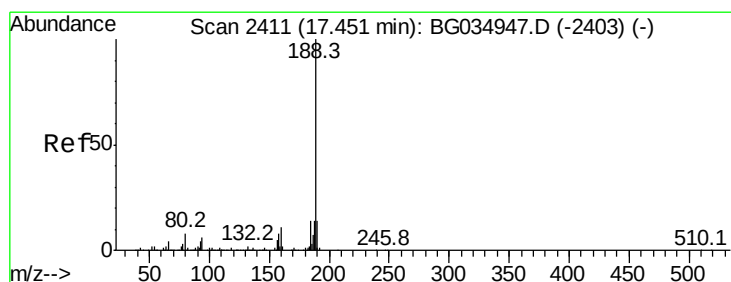
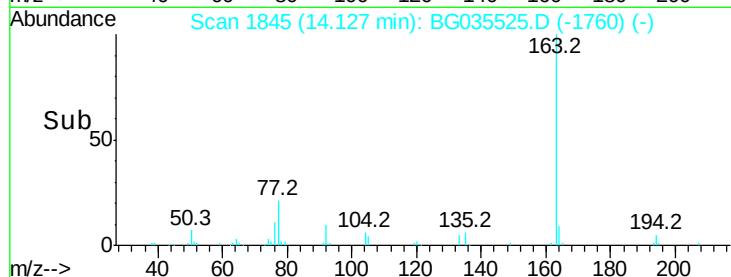
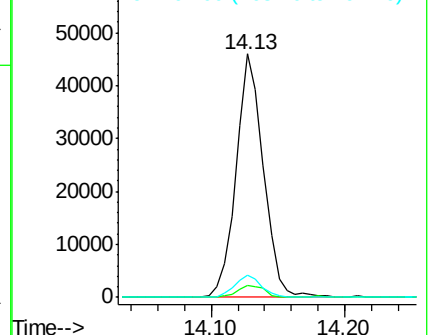
164 9.3 8.2 12.4



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. -0.02 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

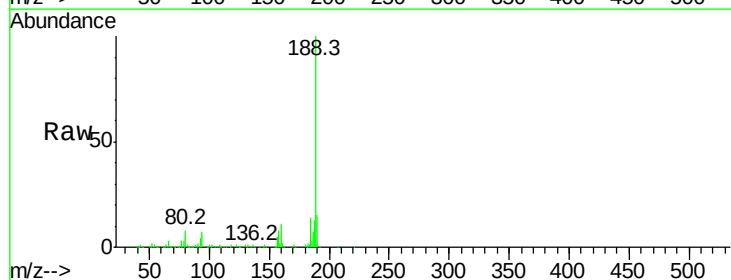
Tgt Ion:188 Resp: 242887

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

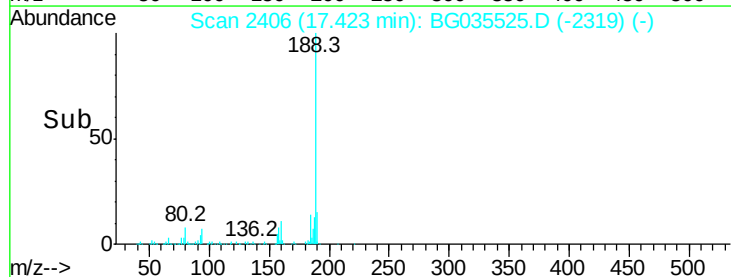
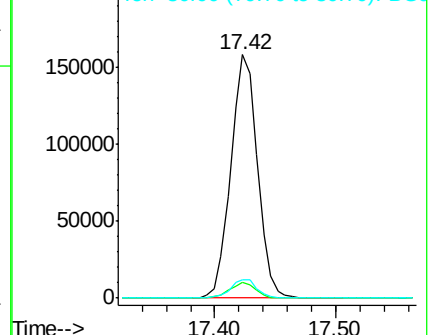
80 7.7 7.7 11.5

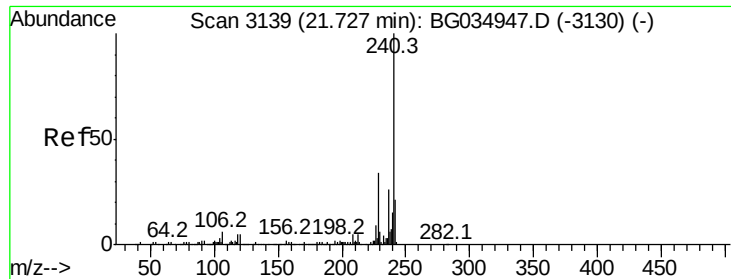


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG035525.D

Acq: 30 Jun 2018 3:51

Instrument :

BNA_G

ClientSampleId :

SB-4(8-10)

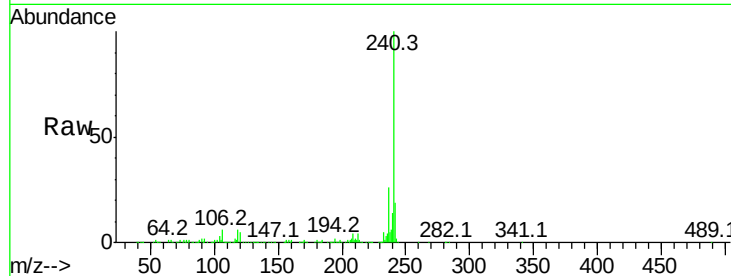
Tot Ion:240 Resp: 261399

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

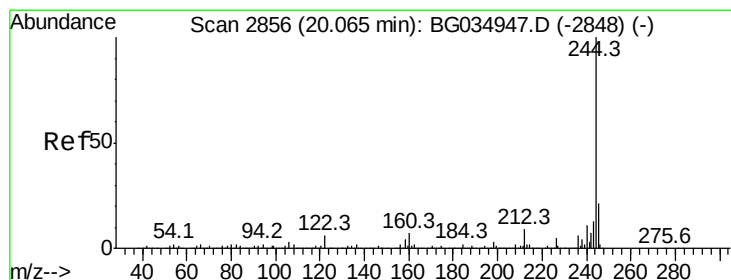
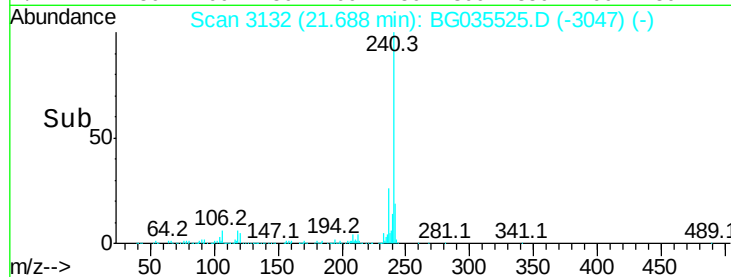
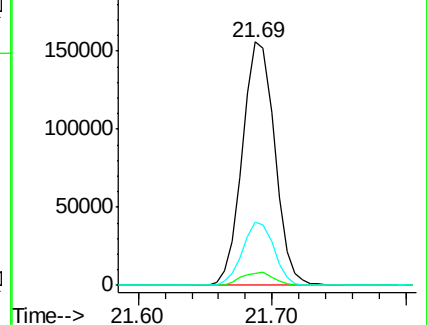
236 25.8 20.9 31.3



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: 82.953 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035525.D

Acq: 30 Jun 2018 3:51

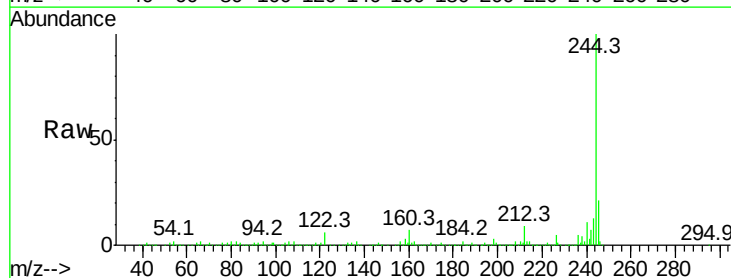
Tgt Ion:244 Resp: 1035195

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

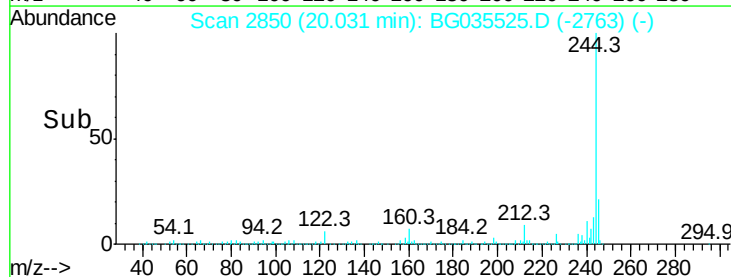
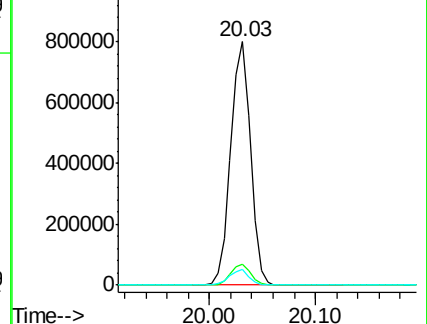
122 6.4 7.0 10.4#

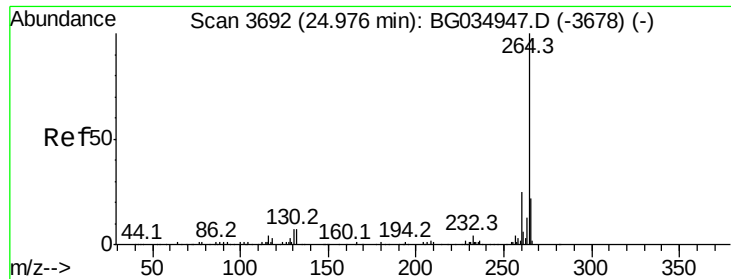


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.91 min Scan# 3681
Delta R.T. -0.04 min
Lab File: BG035525.D
Acq: 30 Jun 2018 3:51

Instrument :
BNA_G
ClientSampleId :
SB-4(8-10)

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.0	17.7	26.5

