

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
 Data File : BG035527.D
 Acq On : 30 Jun 2018 5:09
 Operator : JU/SJ
 Sample : J3774-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Jul 02 01:19:52 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

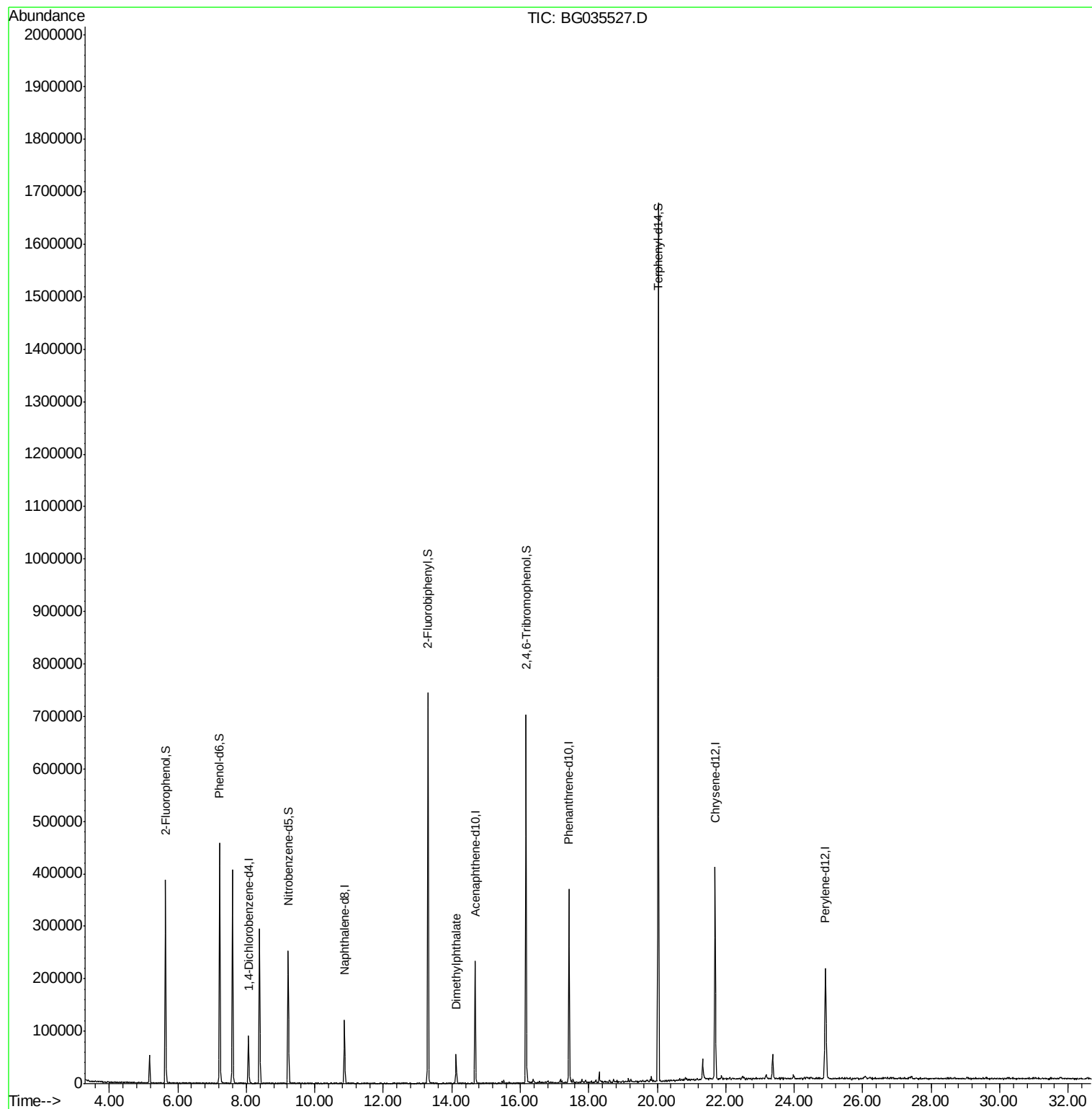
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	25205	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	102352	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	83025	20.00	ng	-0.01
63) Phenanthrene-d10	17.43	188	238171	20.00	ng	-0.01
75) Chrysene-d12	21.69	240	252528	20.00	ng	-0.03
86) Perylene-d12	24.91	264	240423	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	170973	114.48	ng	0.00
7) Phenol-d6	7.22	99	274419	124.49	ng	0.00
23) Nitrobenzene-d5	9.22	82	175662	81.58	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	133600	125.70	ng	-0.01
44) 2-Fluorobiphenyl	13.30	172	411940	64.50	ng	-0.02
78) Terphenyl-d14	20.03	244	800723	66.42	ng	-0.02
Target Compounds						
49) Dimethylphthalate	14.13	163	39670	5.479	ng	Qvalue 98

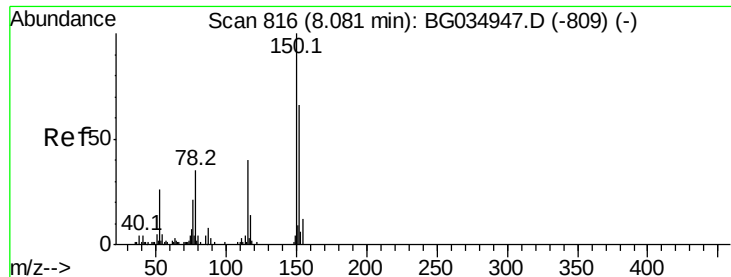
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.06 min Scan# 813

Delta R.T. -0.01 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

SB-6(4-6)

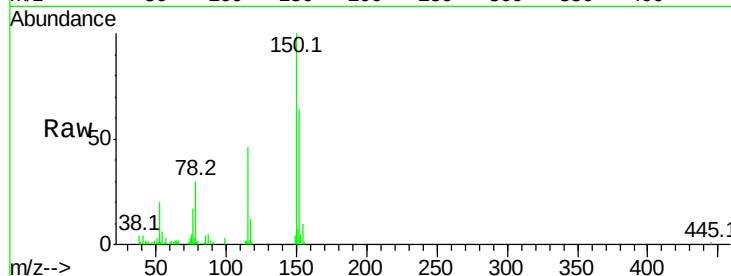
Tot Ion:152 Resp: 25205

Ion Ratio Lower Upper

152 100

150 156.8 126.6 189.8

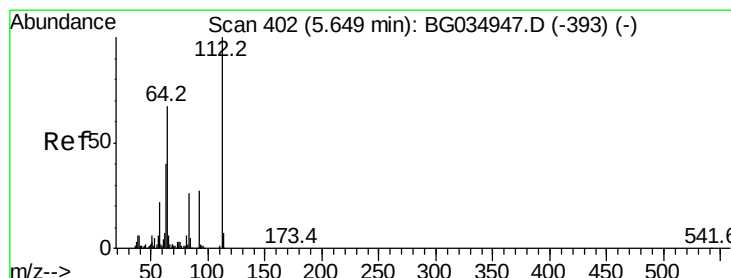
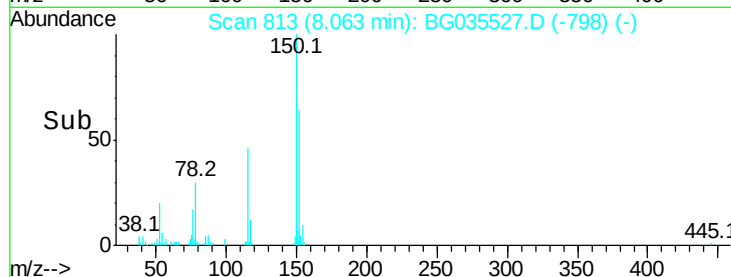
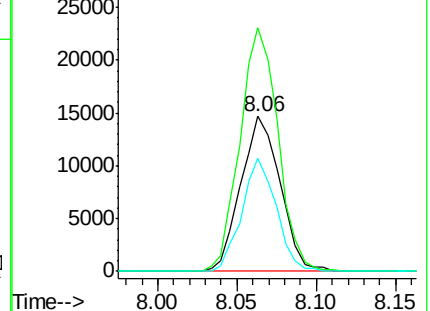
115 72.9 53.0 79.4



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: 114.475 ng

RT: 5.64 min Scan# 400

Delta R.T. -0.01 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

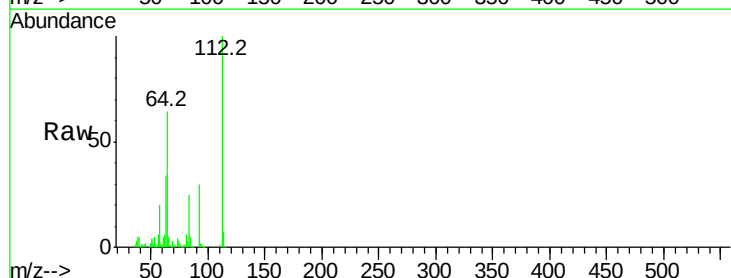
Tgt Ion:112 Resp: 170973

Ion Ratio Lower Upper

112 100

64 64.3 56.3 84.5

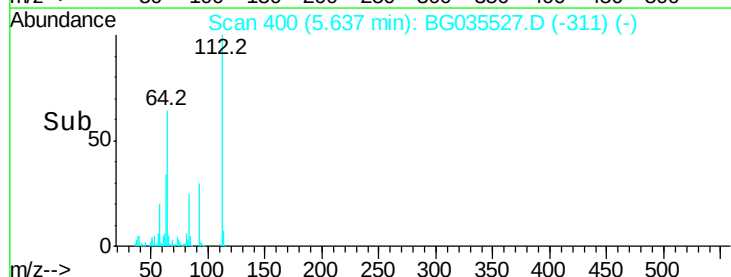
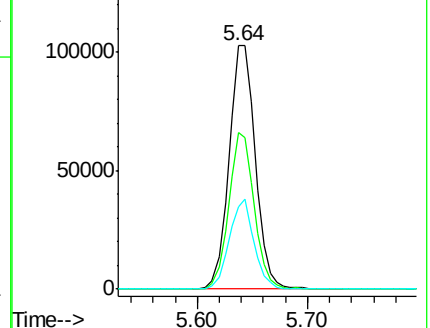
63 34.0 30.1 45.1

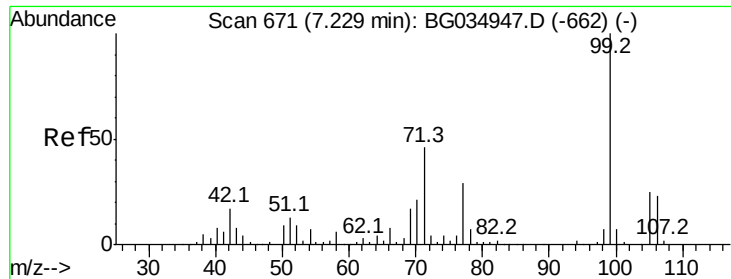


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 124.489 ng

RT: 7.22 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

SB-6(4-6)

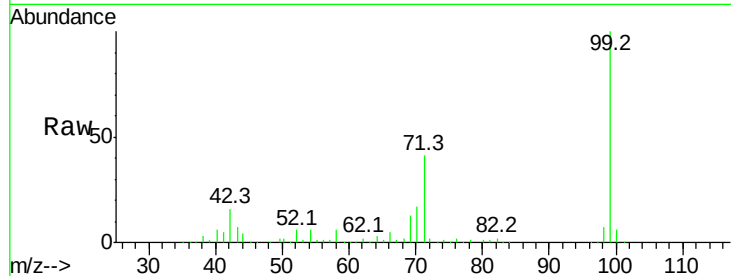
Tot Ion: 99 Resp: 274419

Ion Ratio Lower Upper

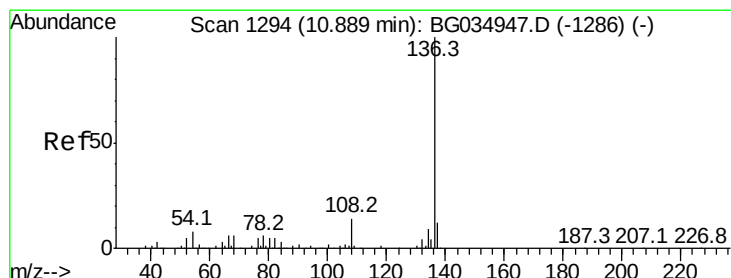
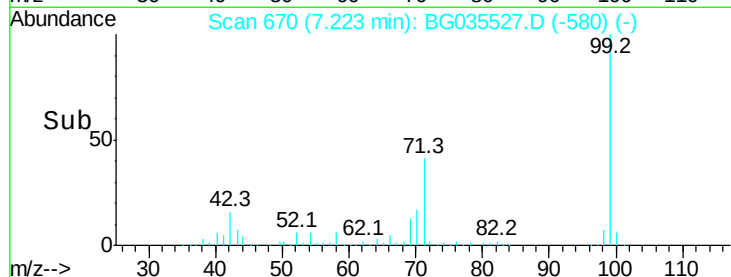
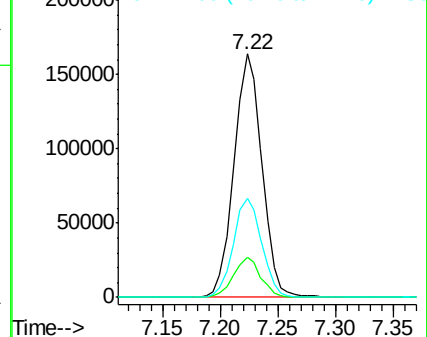
99 100

42 16.3 14.1 21.1

71 40.5 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: BG035527.D

Acq: 30 Jun 2018 5:09

Tgt Ion: 136 Resp: 102352

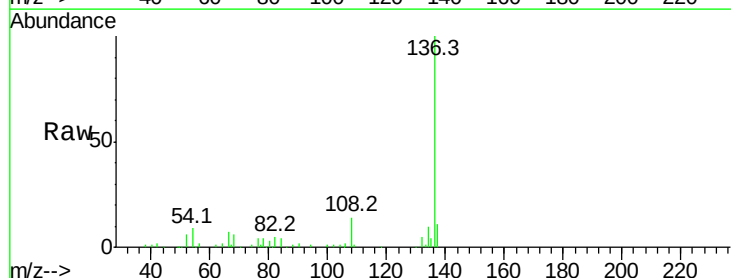
Ion Ratio Lower Upper

136 100

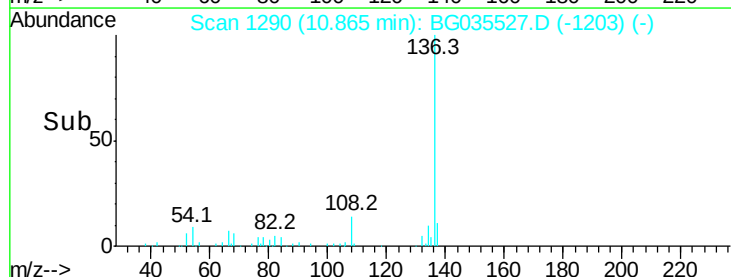
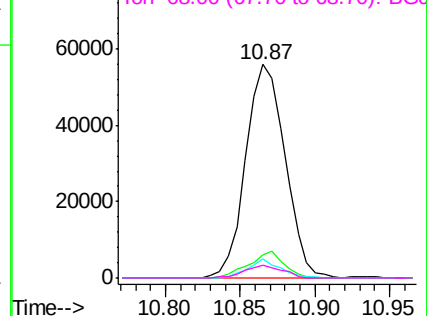
137 10.7 9.2 13.8

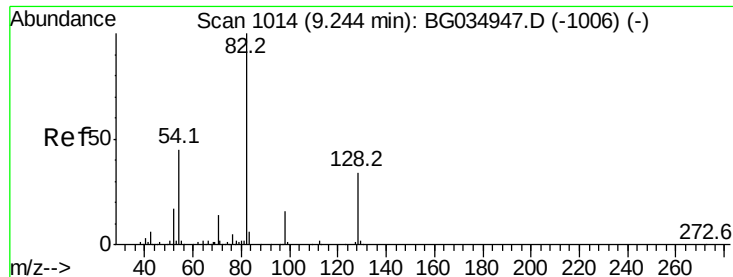
54 8.7 10.3 15.5#

68 6.0 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: 81.581 ng

RT: 9.22 min Scan# 1010

Delta R.T. -0.02 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

SB-6(4-6)

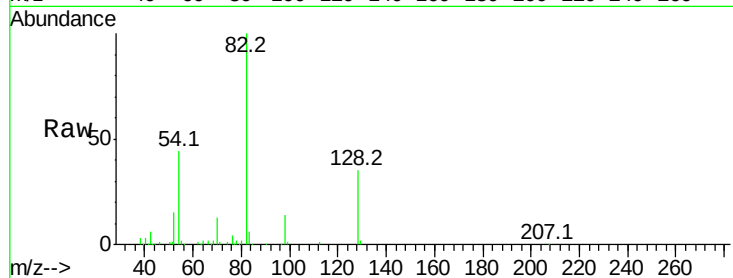
Tot Ion: 82 Resp: 175662

Ion Ratio Lower Upper

82 100

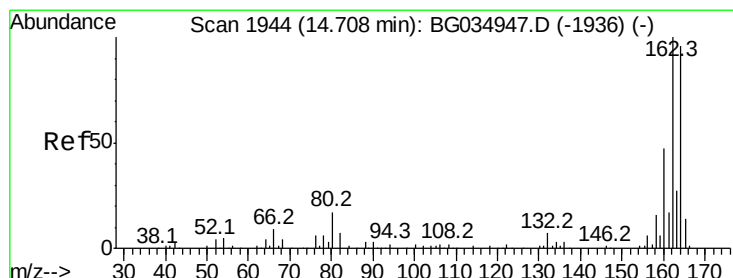
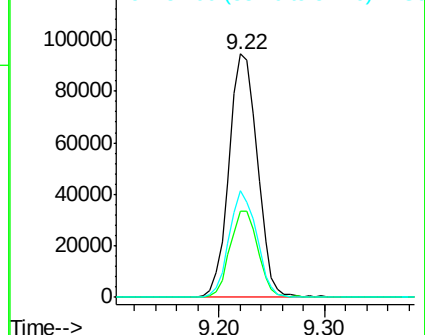
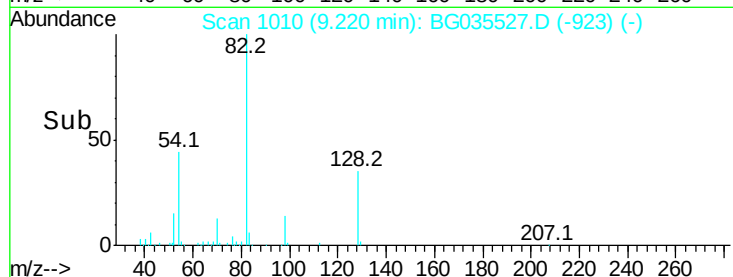
128 35.4 29.7 44.5

54 43.6 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

9.22



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1940

Delta R.T. -0.01 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

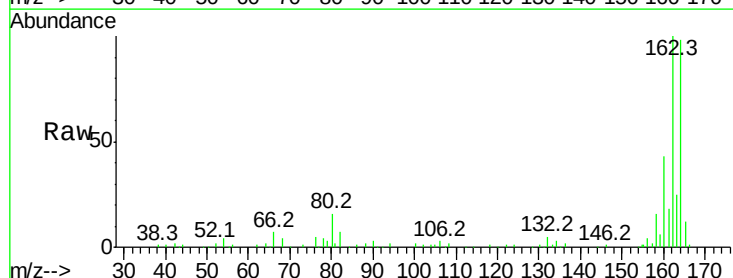
Tgt Ion: 164 Resp: 83025

Ion Ratio Lower Upper

164 100

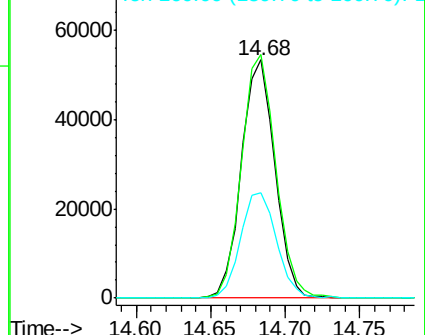
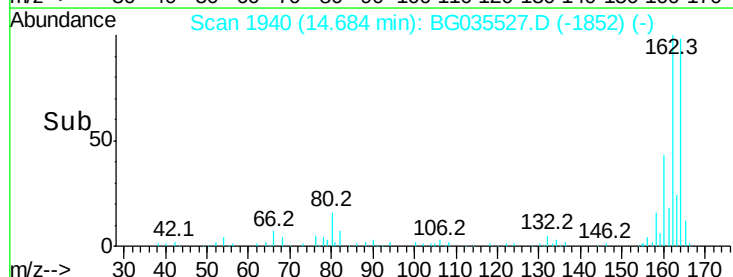
162 102.3 78.8 118.2

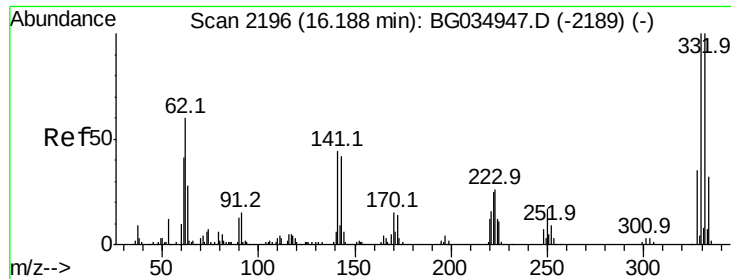
160 44.5 35.4 53.0



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

14.68

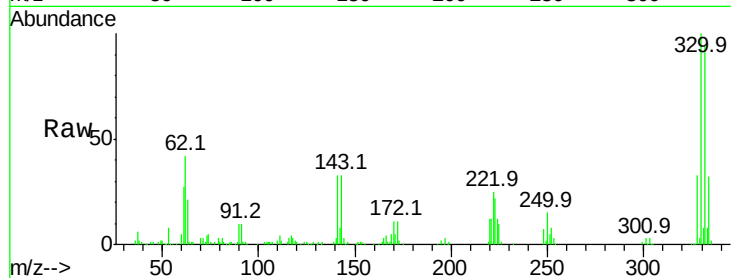




#41
 2,4,6-Tribromophenol
 Concen: 125.703 ng
 RT: 16.17 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

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

Tot Ion	330	332	141	Ratio	Lower	Upper
330	100					
332	96.0			77.0	115.6	
141	36.7			25.2	37.8	

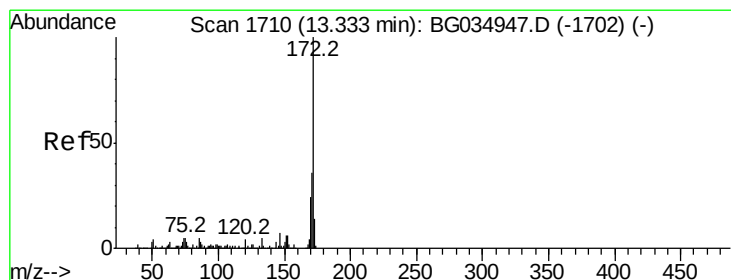
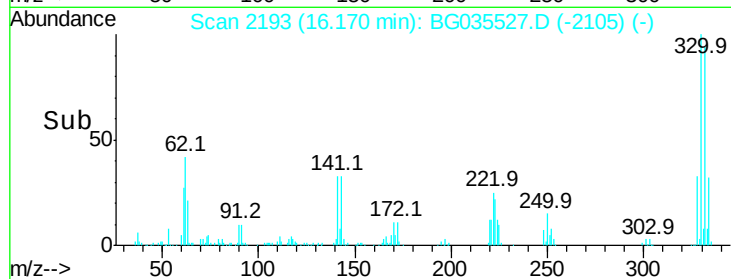
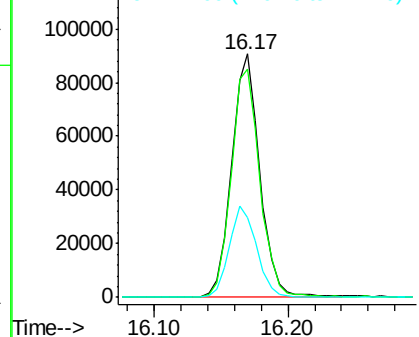


Abundance

Ion 329.80 (329.50 to 330.50): E

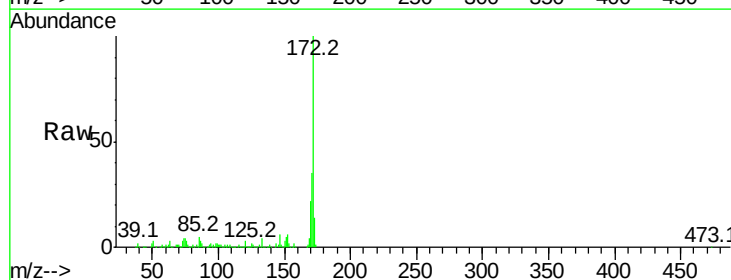
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 64.501 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035527.D
 Acq: 30 Jun 2018 5:09

Tgt Ion	172	171	170	Ratio	Lower	Upper
172	100					
171	34.7			30.0	45.0	
170	22.1			19.5	29.3	

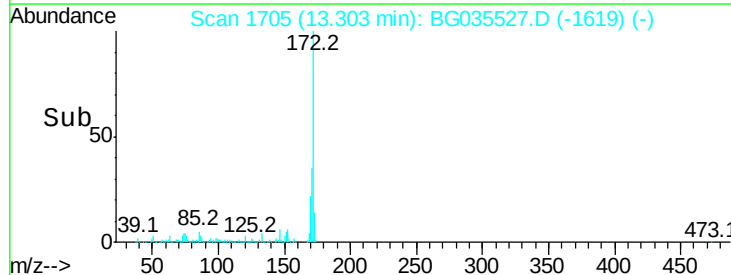
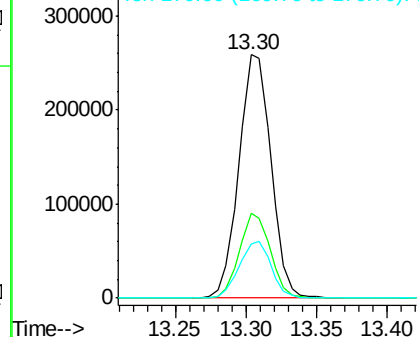


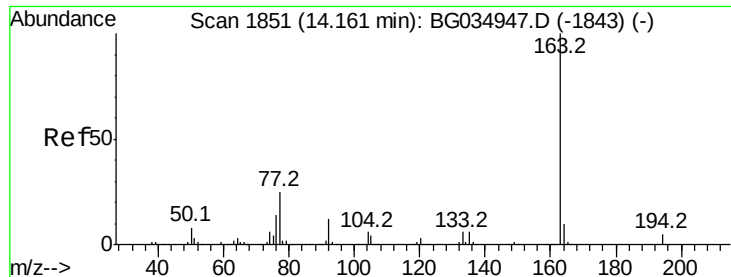
Abundance

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: 5.479 ng

RT: 14.13 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

SB-6(4-6)

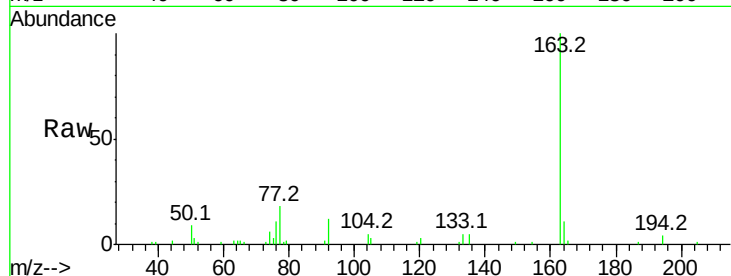
Tot Ion:163 Resp: 39670

Ion Ratio Lower Upper

163 100

194 3.6 3.4 5.2

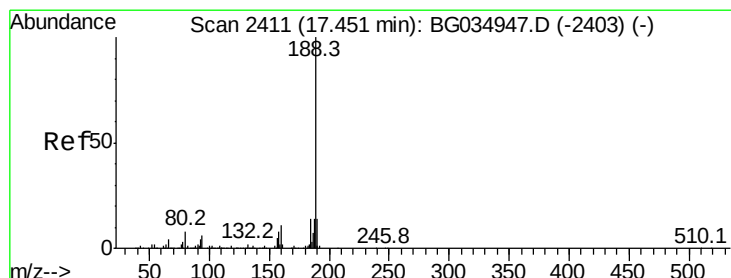
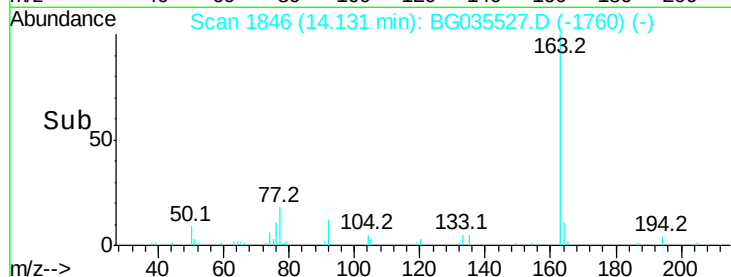
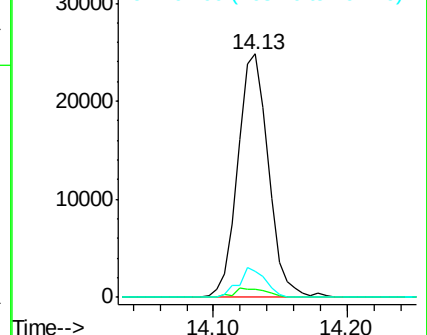
164 10.9 8.2 12.4



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: 17.43 min Scan# 2407

Delta R.T. -0.01 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

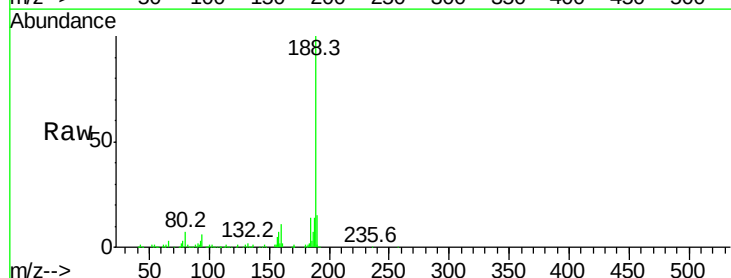
Tgt Ion:188 Resp: 238171

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

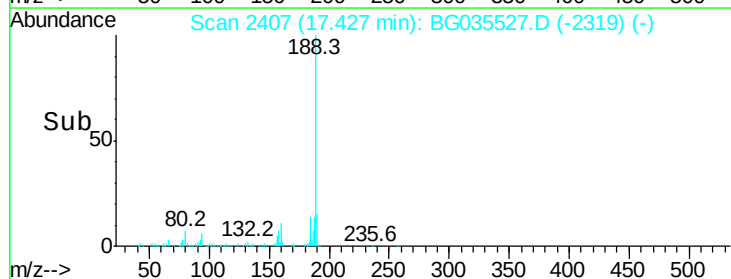
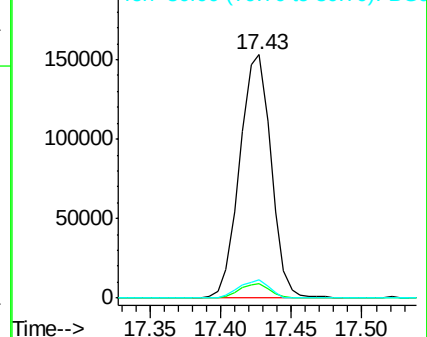
80 7.4 7.7 11.5#

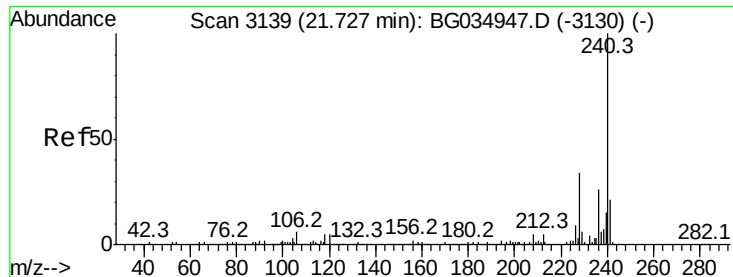


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG035527.D

Acq: 30 Jun 2018 5:09

Instrument :

BNA_G

ClientSampleId :

SB-6(4-6)

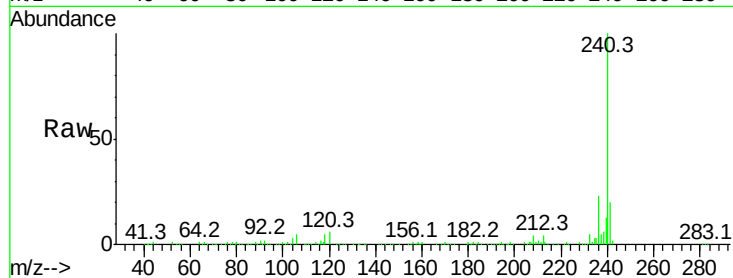
Tot Ion:240 Resp: 252528

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

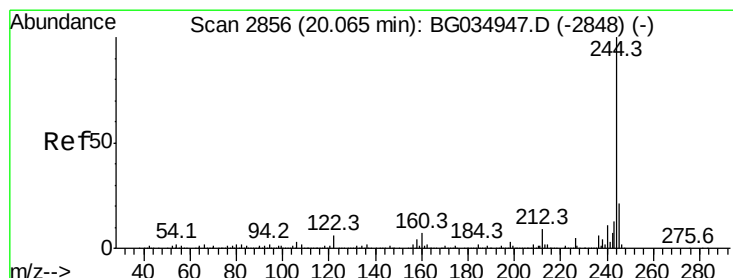
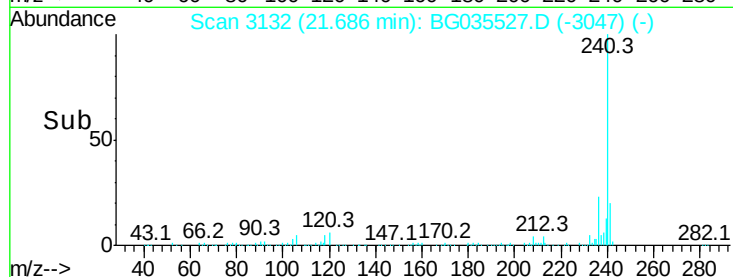
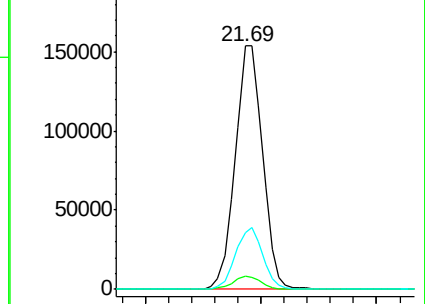
236 23.2 20.9 31.3



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: 66.419 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035527.D

Acq: 30 Jun 2018 5:09

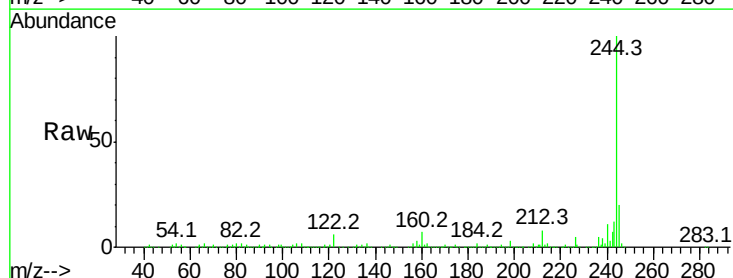
Tgt Ion:244 Resp: 800723

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

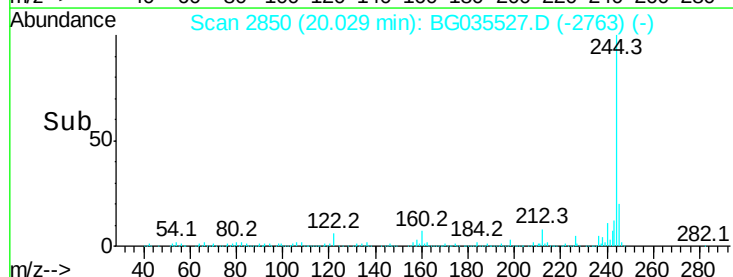
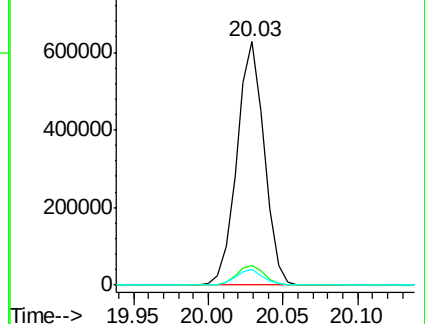
122 6.3 7.0 10.4#

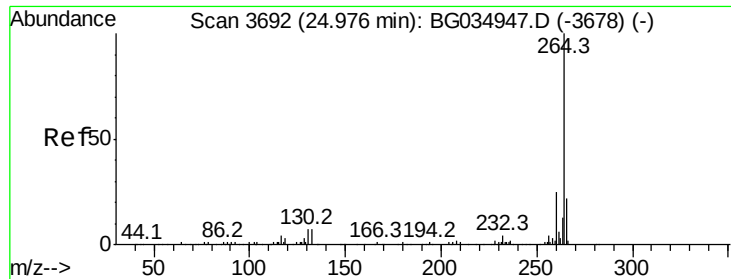


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG035527.D
 Acq: 30 Jun 2018 5:09

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.4	26.0
265	21.4	17.7	26.5

