

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122216\
 Data File : BG025380.D
 Acq On : 22 Dec 2016 8:52
 Operator : UM/SJ
 Sample : PB95526TB
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95526TB

Quant Time: Dec 22 13:16:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	49787	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	195647	20.00	ng	0.00
38) Acenaphthene-d10	14.84	164	154817	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	370167	20.00	ng	0.00
75) Chrysene-d12	21.88	240	560902	20.00	ng	0.00
86) Perylene-d12	25.28	264	584229	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	371812	135.74	ng	0.00
7) Phenol-d6	7.37	99	515562	133.65	ng	0.00
23) Nitrobenzene-d5	9.40	82	381247	86.09	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	316232	126.87	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	839797	87.82	ng	0.00
78) Terphenyl-d14	20.17	244	1784038	84.33	ng	0.00

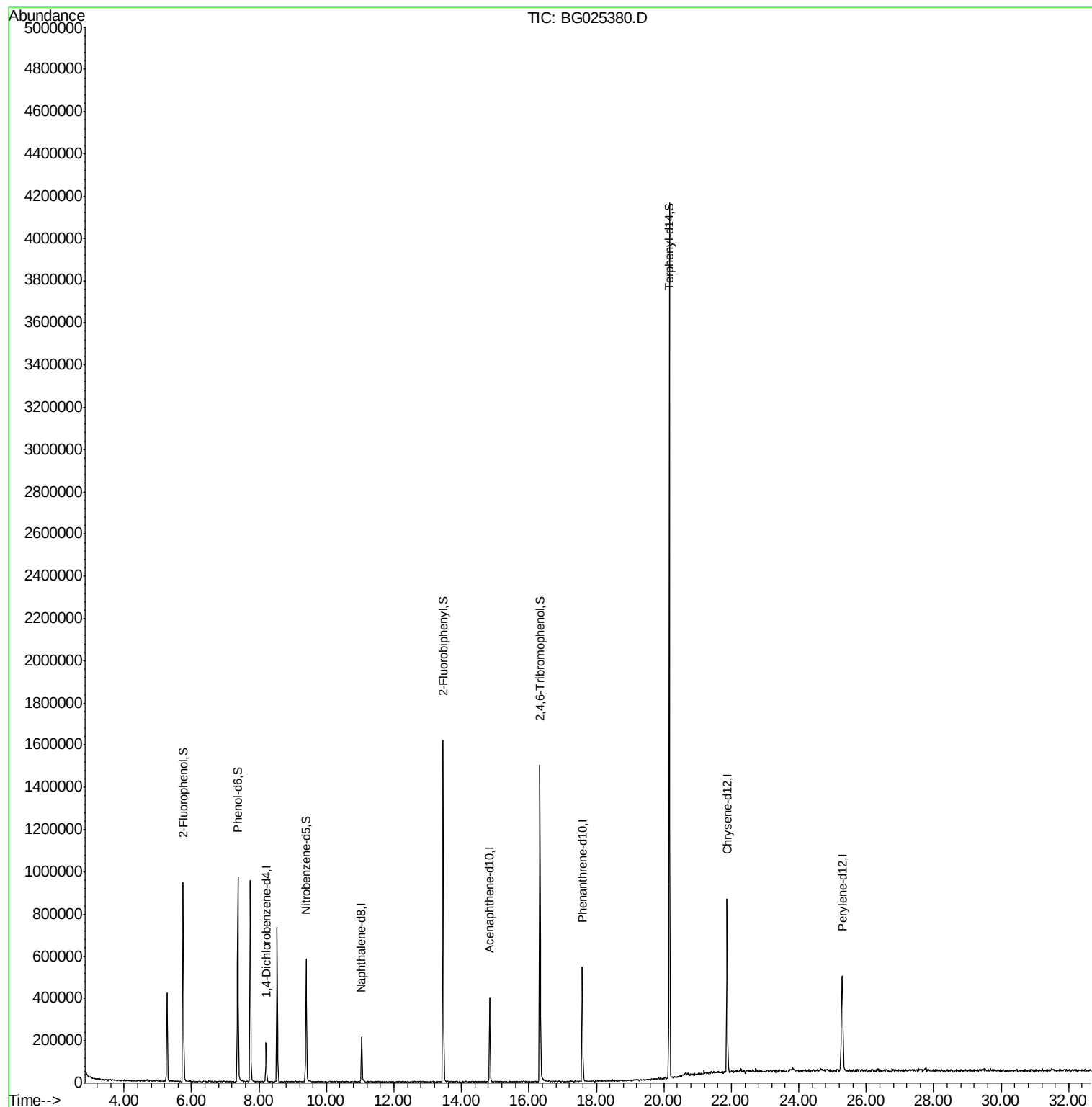
Target Compounds Qvalue

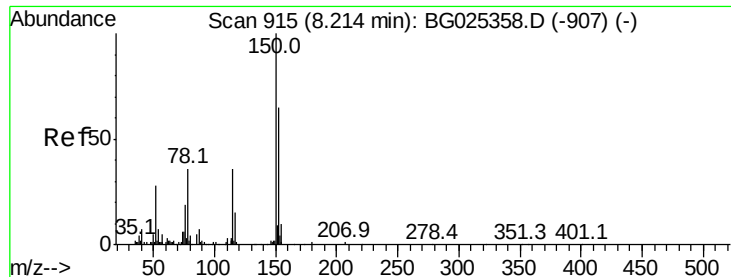
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 18:42:01 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

PB95526TB

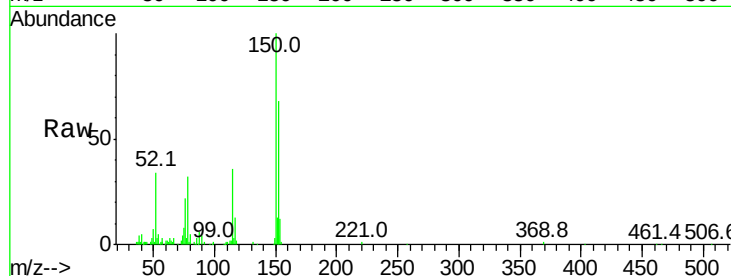
Tot Ion:152 Resp: 49787

Ion Ratio Lower Upper

152 100

150 148.0 114.0 171.0

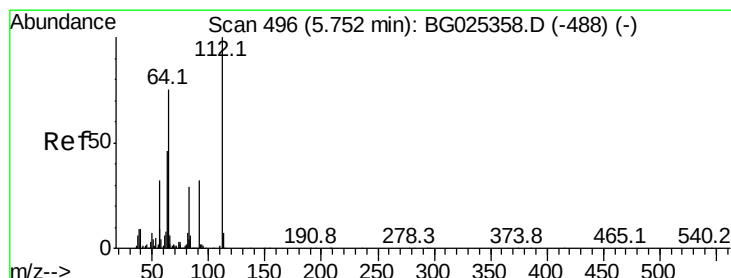
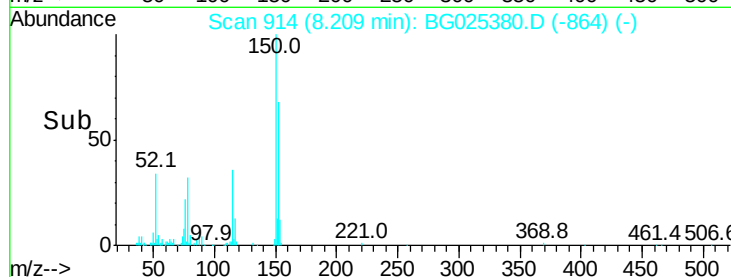
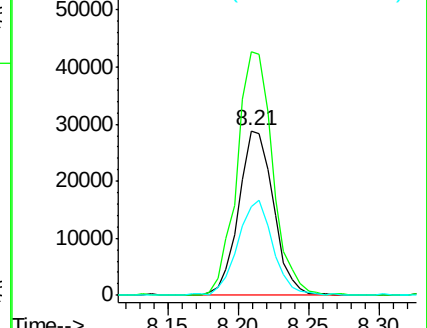
115 54.0 48.1 72.1



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: 135.74 ng

RT: 5.75 min Scan# 495

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

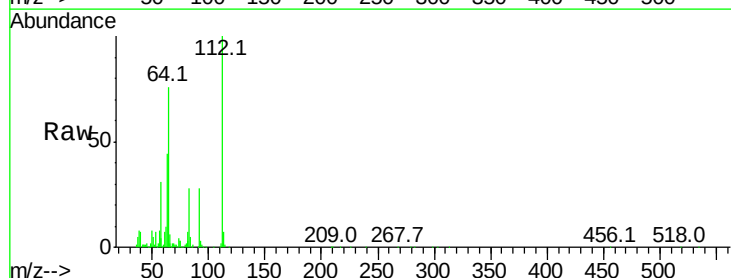
Tgt Ion:112 Resp: 371812

Ion Ratio Lower Upper

112 100

64 75.6 61.8 92.6

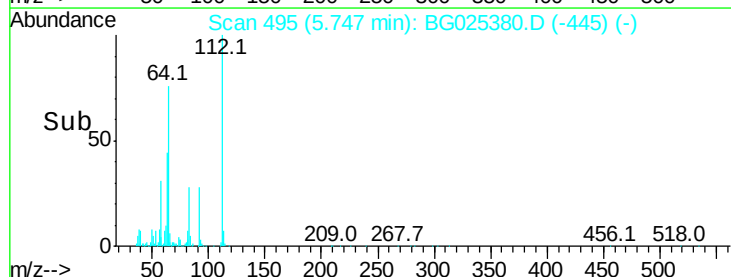
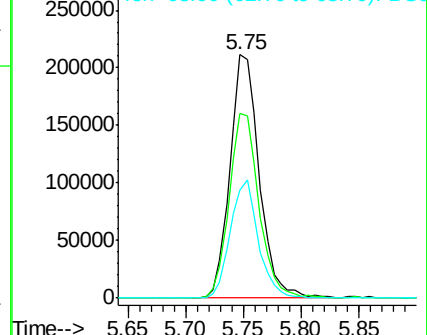
63 44.3 37.2 55.8

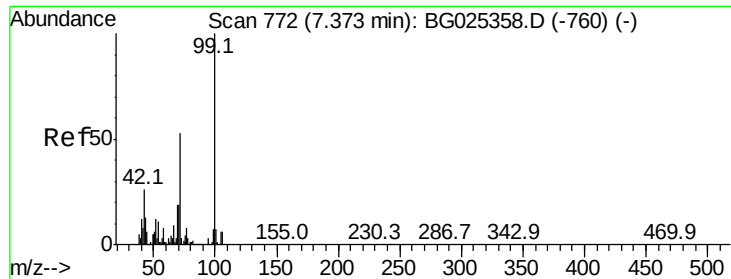


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 133.65 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

PB95526TB

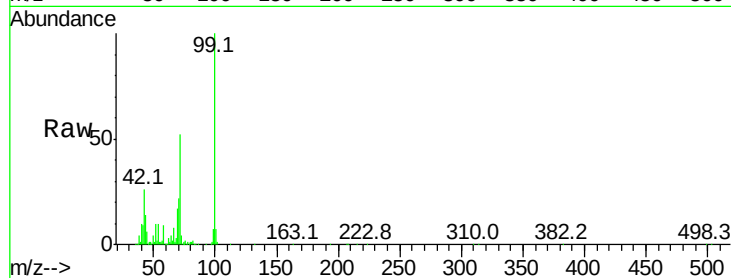
Tot Ion: 99 Resp: 515562

Ion Ratio Lower Upper

99 100

42 25.9 20.5 30.7

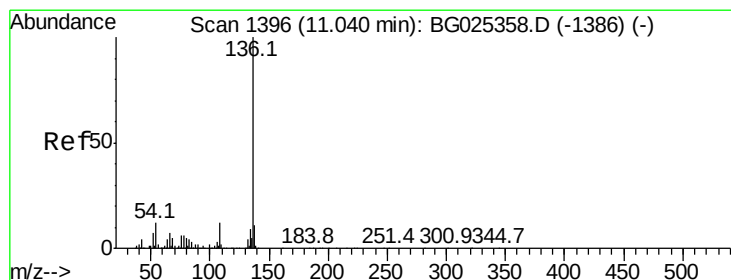
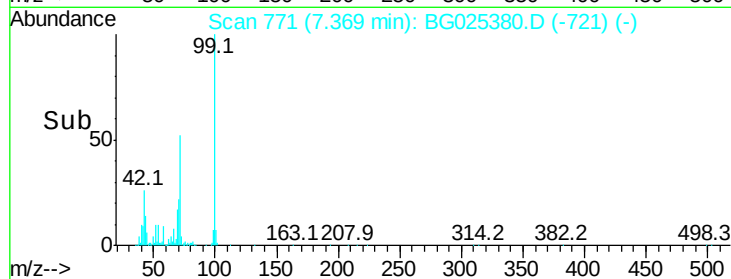
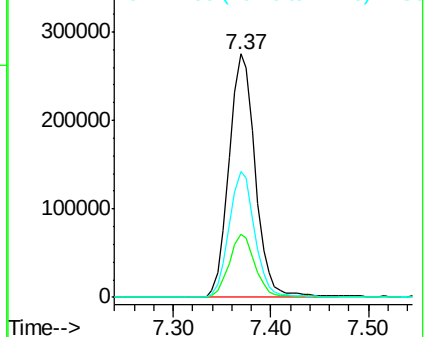
71 51.9 37.6 56.4



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: 20.00 ng

RT: 11.05 min Scan# 1397

Delta R.T. 0.01 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Tgt Ion: 136 Resp: 195647

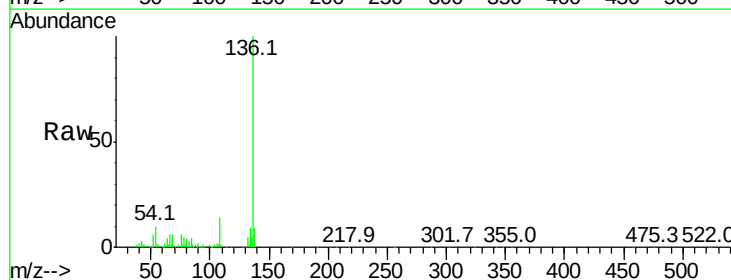
Ion Ratio Lower Upper

136 100

137 9.5 8.9 13.3

54 10.4 9.3 13.9

68 6.3 5.1 7.7

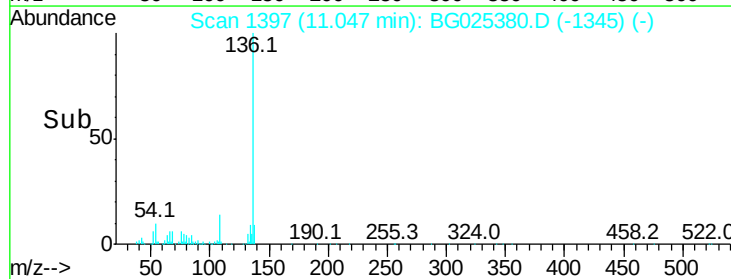
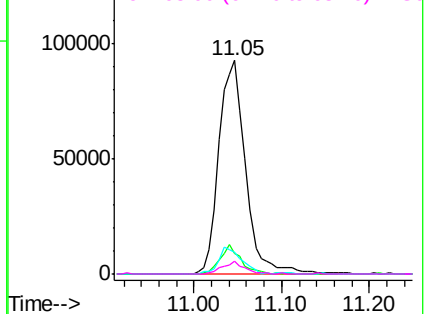


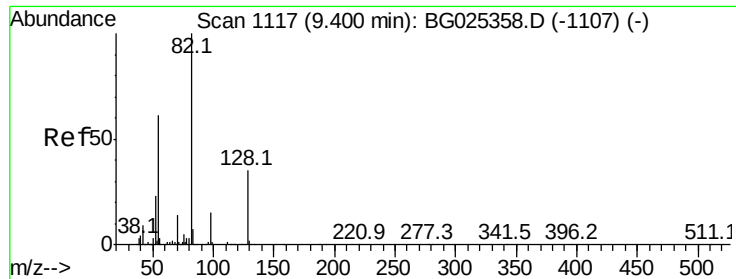
Abundance Ion 136.00 (135.70 to 136.70): BGC

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: 86.09 ng

RT: 9.40 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

PB95526TB

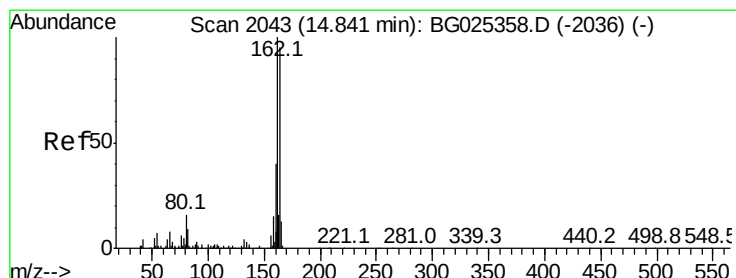
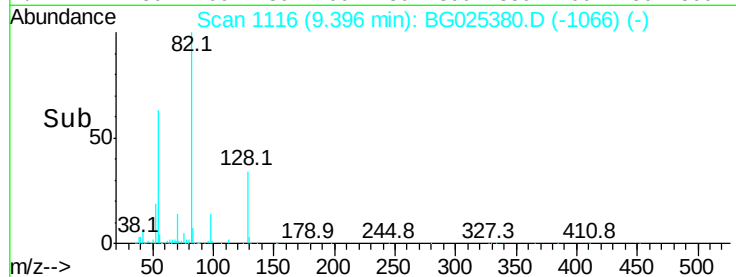
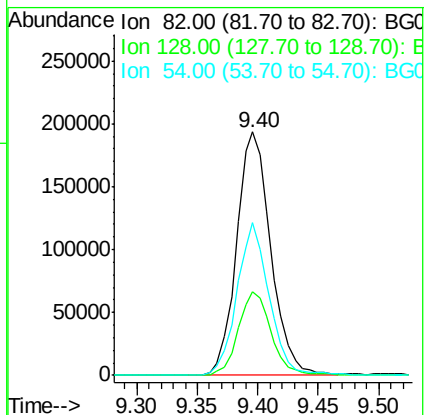
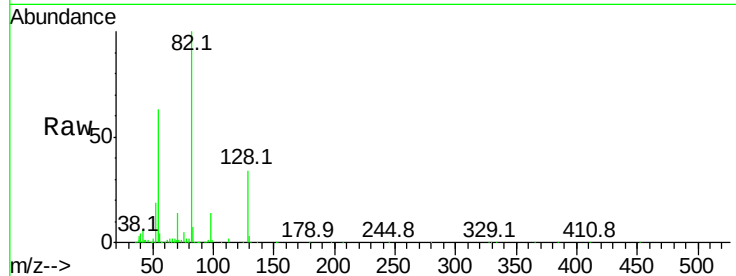
Tot Ion: 82 Resp: 381247

Ion Ratio Lower Upper

82 100

128 34.4 26.4 39.6

54 62.7 49.4 74.2



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.84 min Scan# 2042

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

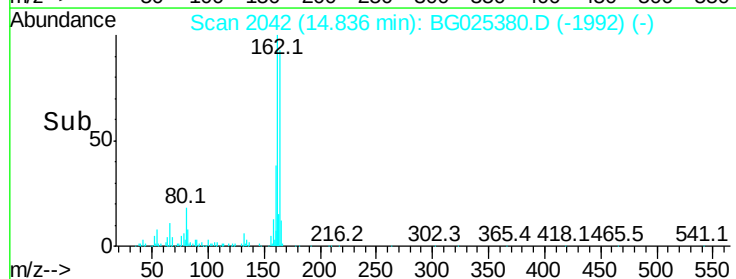
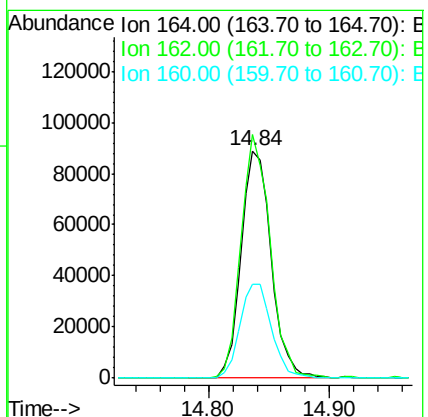
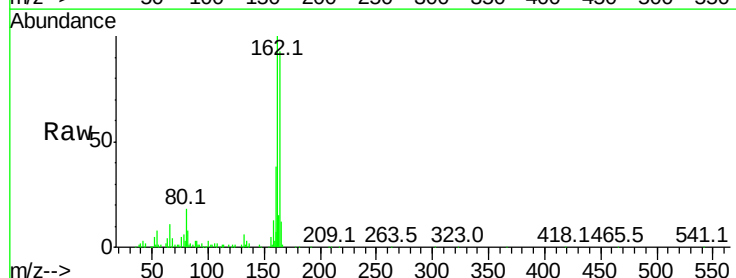
Tgt Ion: 164 Resp: 154817

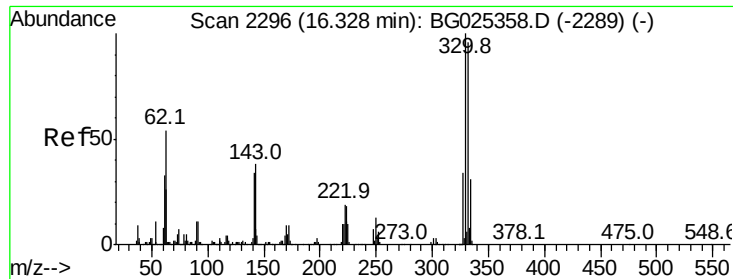
Ion Ratio Lower Upper

164 100

162 107.0 85.1 127.7

160 41.1 34.7 52.1

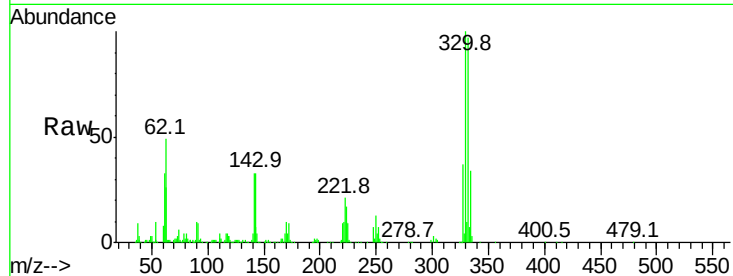




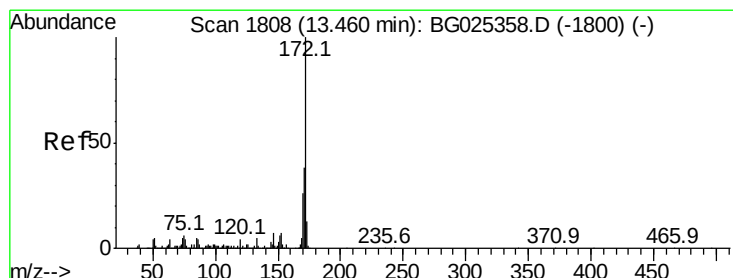
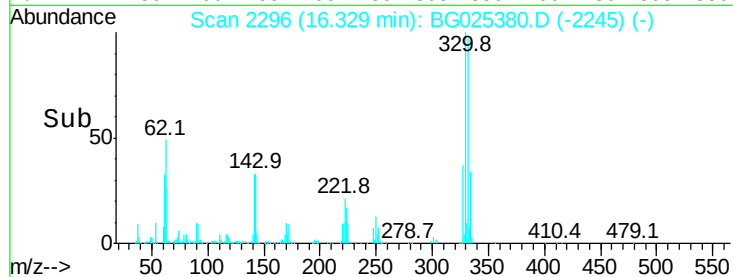
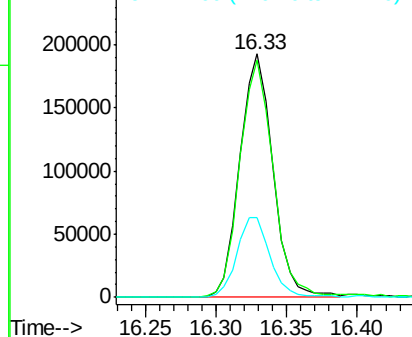
#41
2,4,6-Tribromophenol
Concen: 126.87 ng
RT: 16.33 min Scan# 2296
Delta R.T. 0.00 min
Lab File: BG025380.D
Acq: 22 Dec 2016 8:52

Instrument :
BNA_G
ClientSampleId :
PB95526TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	100.0	77.3	115.9
141	33.3	32.1	48.1

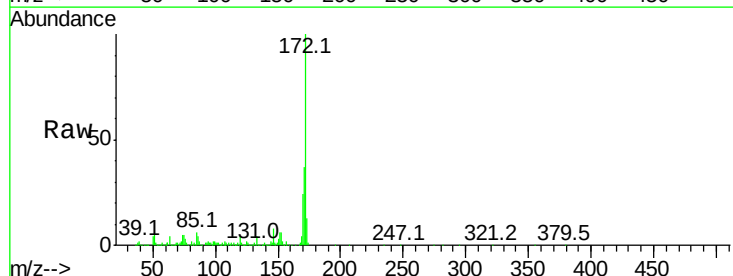


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

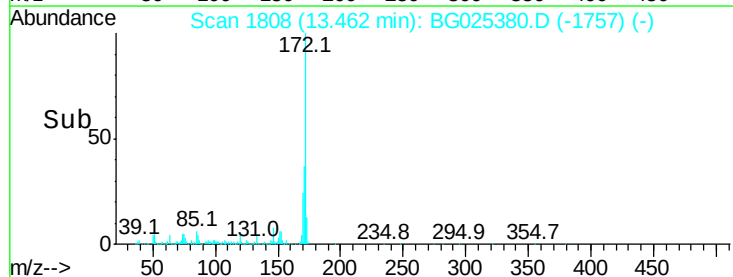
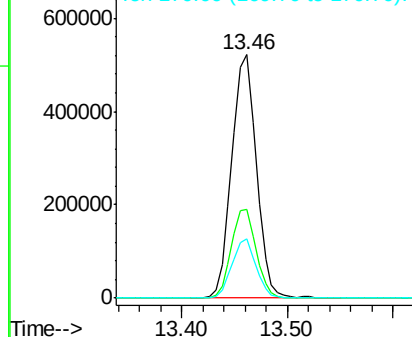


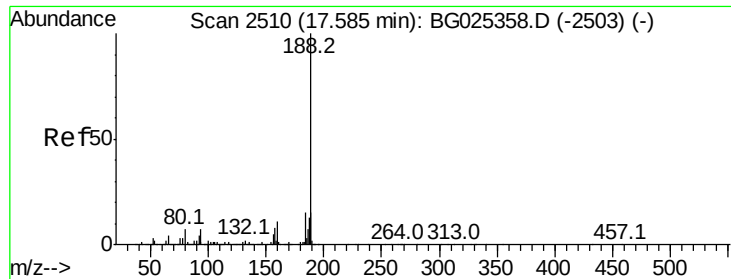
#44
2-Fluorobiphenyl
Concen: 87.82 ng
RT: 13.46 min Scan# 1808
Delta R.T. 0.00 min
Lab File: BG025380.D
Acq: 22 Dec 2016 8:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	32.2	48.2
170	24.4	21.8	32.6



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.59 min Scan# 2510

Delta R.T. 0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

PB95526TB

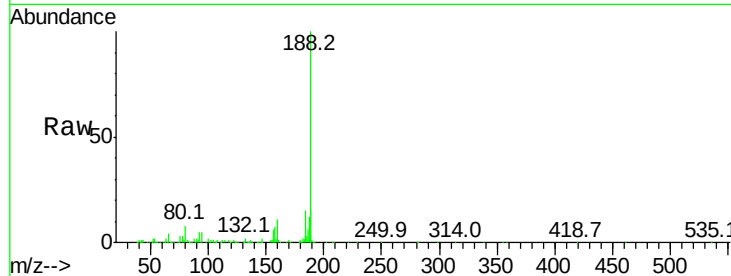
Tot Ion:188 Resp: 370167

Ion Ratio Lower Upper

188 100

94 5.2 5.8 8.8#

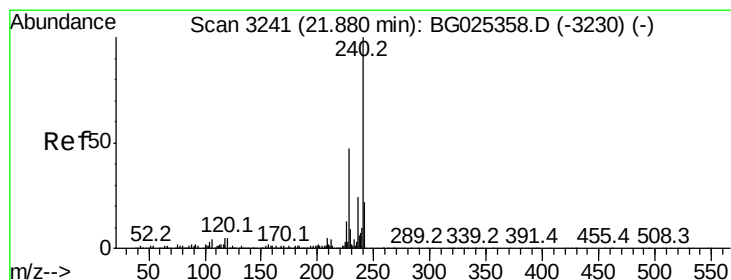
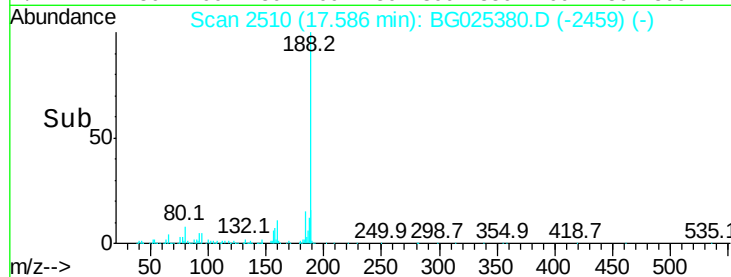
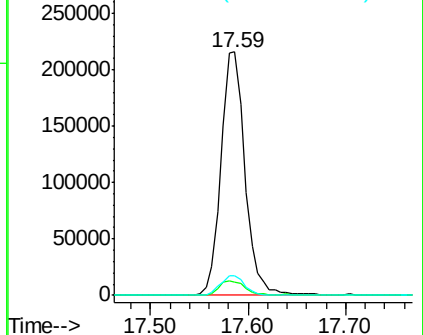
80 8.0 7.5 11.3



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: 20.00 ng

RT: 21.88 min Scan# 3240

Delta R.T. -0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

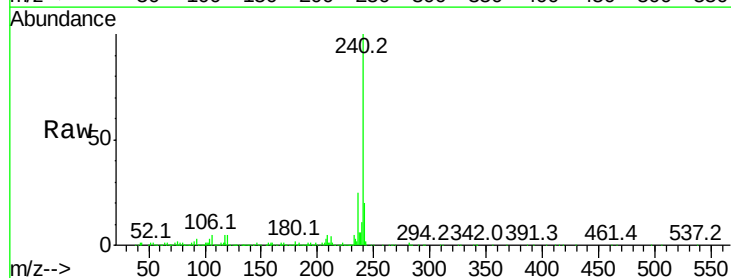
Tgt Ion:240 Resp: 560902

Ion Ratio Lower Upper

240 100

120 5.1 5.7 8.5#

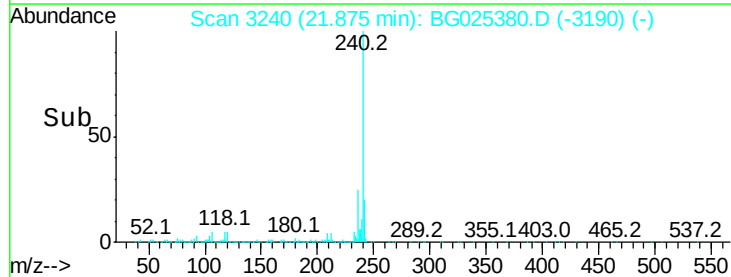
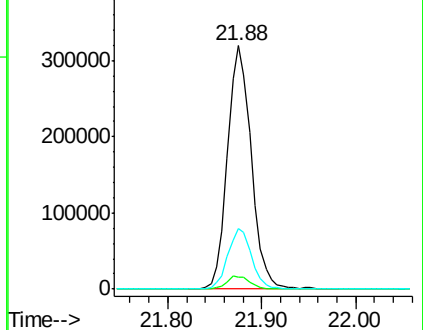
236 24.7 22.2 33.4

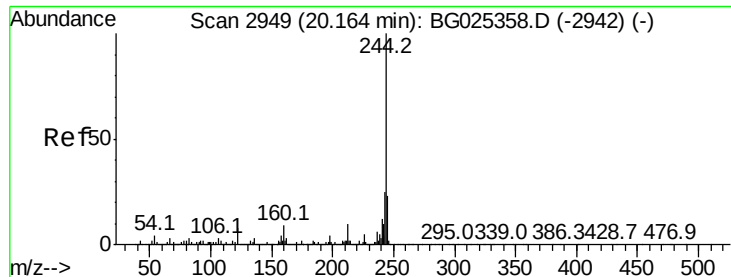


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 84.33 ng

RT: 20.17 min Scan# 2949

Delta R.T. 0.00 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

Instrument :

BNA_G

ClientSampleId :

PB95526TB

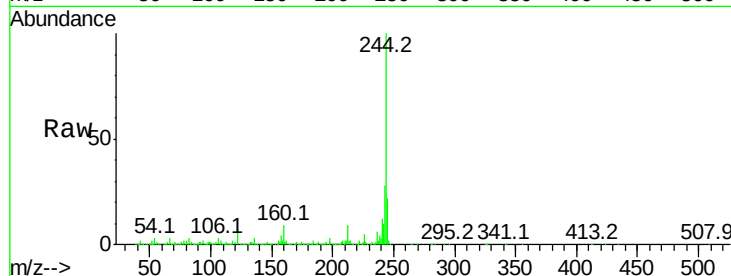
Tot Ion:244 Resp: 1784038

Ion Ratio Lower Upper

244 100

212 9.1 10.0 15.0#

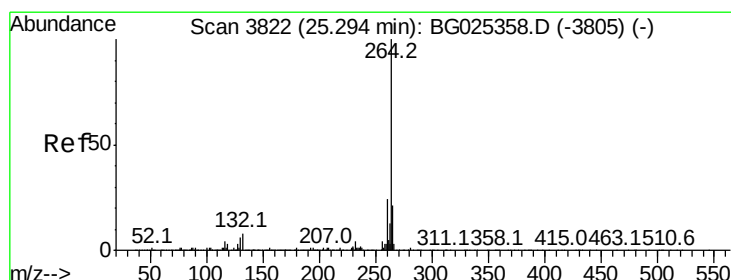
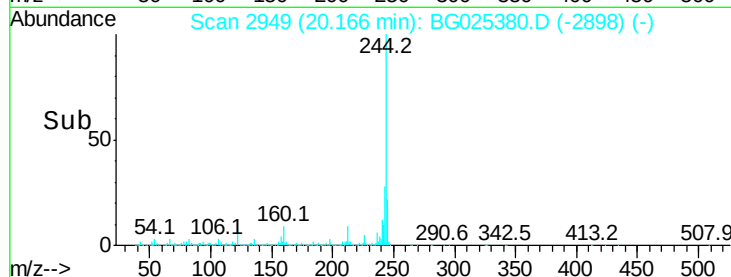
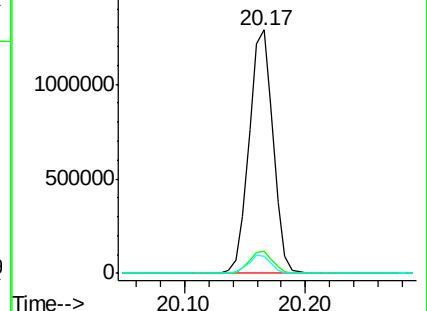
122 7.0 8.6 12.8#



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: 20.00 ng

RT: 25.28 min Scan# 3820

Delta R.T. -0.01 min

Lab File: BG025380.D

Acq: 22 Dec 2016 8:52

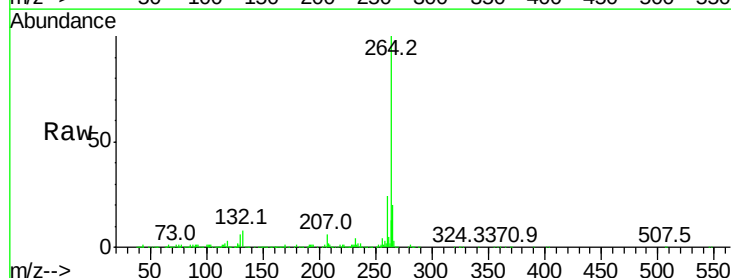
Tgt Ion:264 Resp: 584229

Ion Ratio Lower Upper

264 100

260 23.8 21.8 32.8

265 19.8 18.2 27.4



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

