

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122916\
 Data File : BG025401.D
 Acq On : 29 Dec 2016 12:52
 Operator : UM/SJ
 Sample : PB95595TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB95595TB

Quant Time: Dec 30 00:37:52 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	67881	20.00	ng	0.00
21) Naphthalene-d8	11.04	136	276222	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	236149	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	545543	20.00	ng	0.00
75) Chrysene-d12	21.87	240	778701	20.00	ng	0.00
86) Perylene-d12	25.28	264	789352	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	523159	140.09	ng	0.00
7) Phenol-d6	7.37	99	728789	138.57	ng	0.00
23) Nitrobenzene-d5	9.39	82	529703	84.72	ng	0.00
41) 2,4,6-Tribromophenol	16.32	330	494474	130.06	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	1210501	82.99	ng	0.00
78) Terphenyl-d14	20.16	244	2365216	80.53	ng	0.00

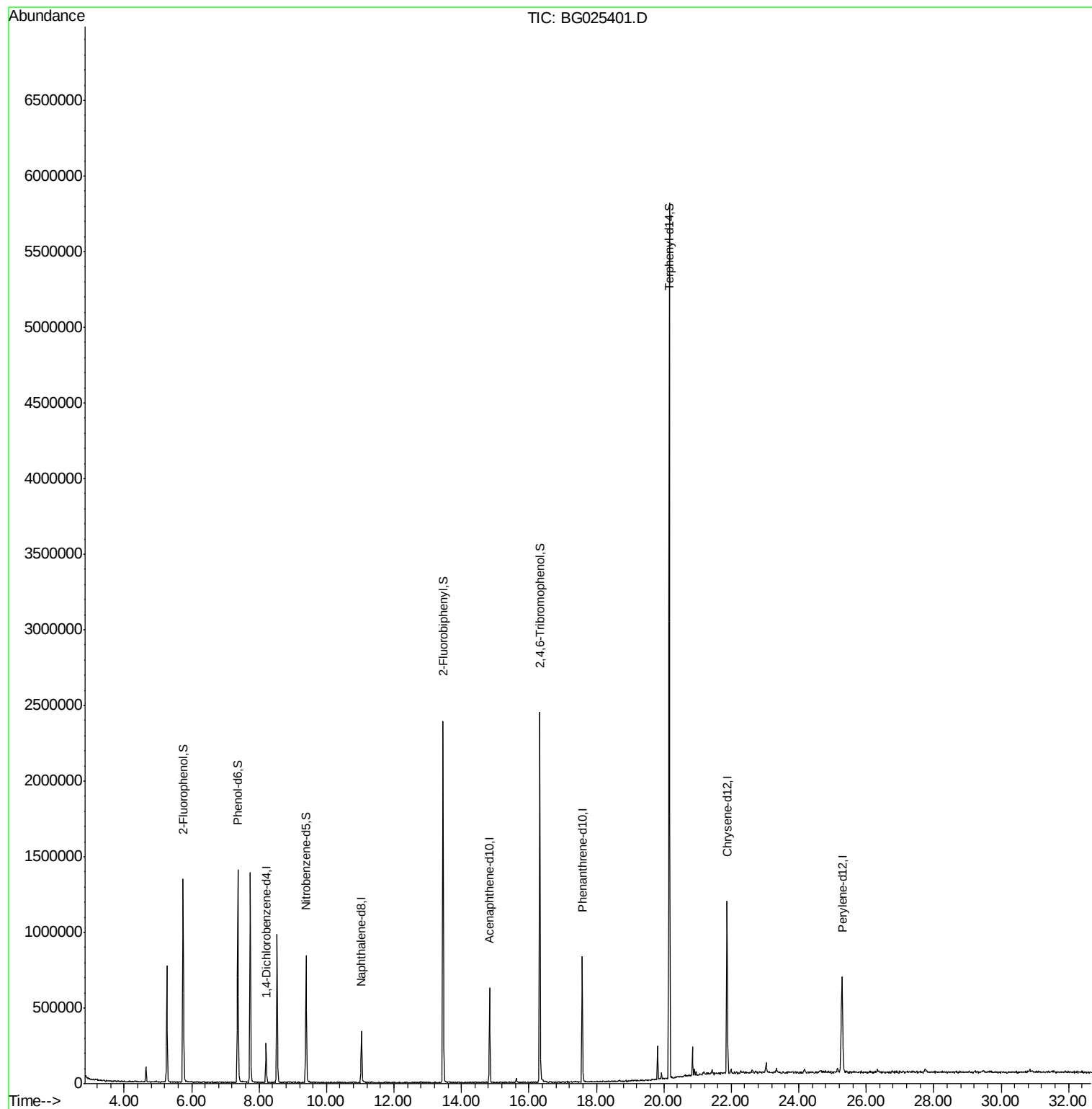
Target Compounds Qvalue

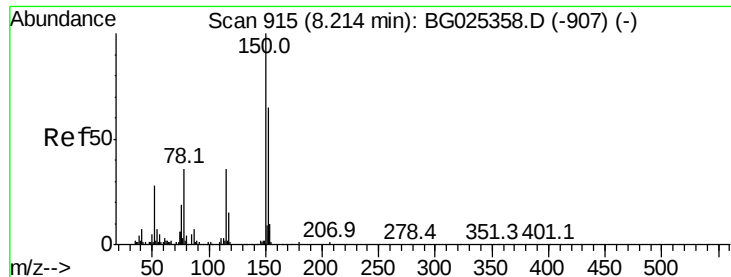
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.21 min Scan# 914

Delta R.T. -0.01 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

Instrument :

BNA_G

ClientSampleId :

PB95595TB

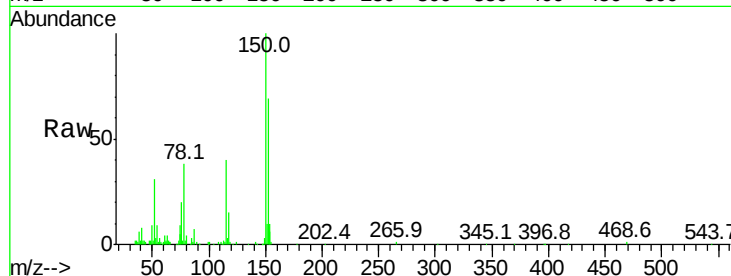
Tot Ion:152 Resp: 67881

Ion Ratio Lower Upper

152 100

150 145.1 114.0 171.0

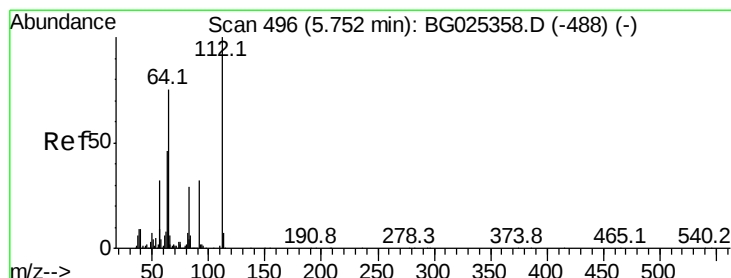
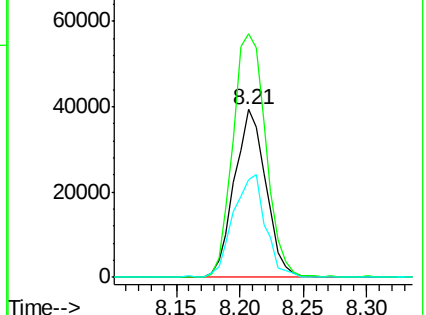
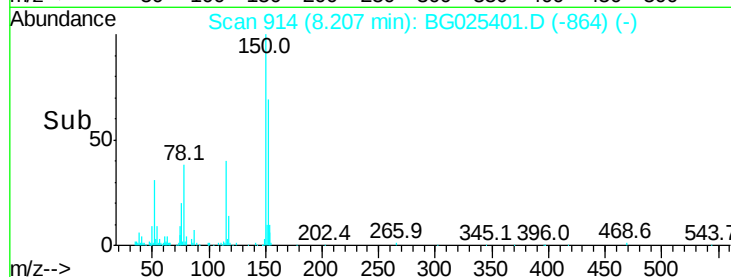
115 58.1 48.1 72.1



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: 140.09 ng

RT: 5.75 min Scan# 496

Delta R.T. -0.00 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

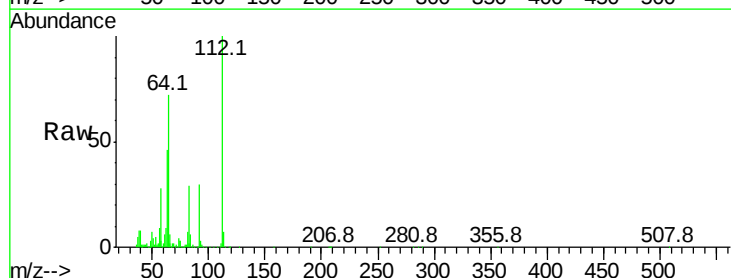
Tgt Ion:112 Resp: 523159

Ion Ratio Lower Upper

112 100

64 71.8 61.8 92.6

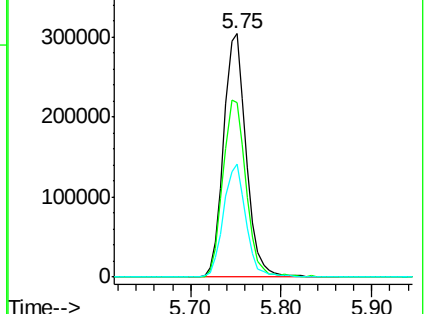
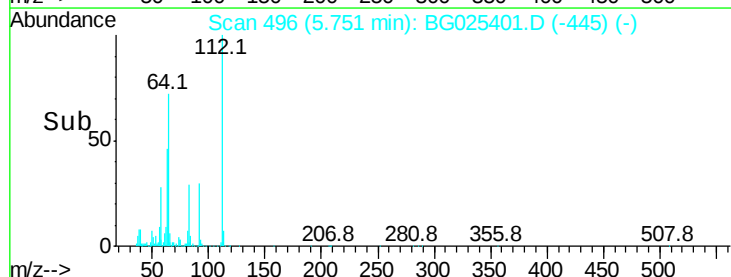
63 46.3 37.2 55.8

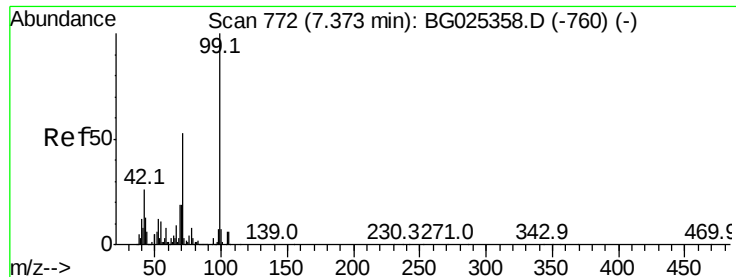


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.57 ng

RT: 7.37 min Scan# 771

Delta R.T. -0.01 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

Instrument :

BNA_G

ClientSampled :

PB95595TB

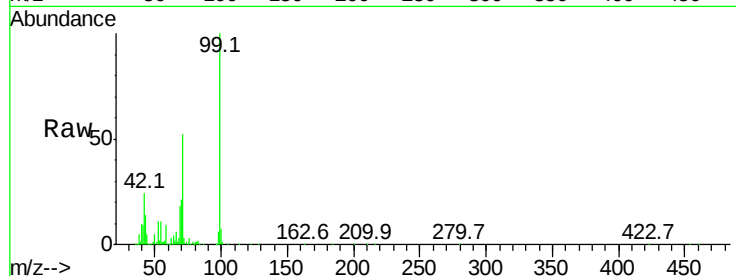
Tot Ion: 99 Resp: 728789

Ion Ratio Lower Upper

99 100

42 24.0 20.5 30.7

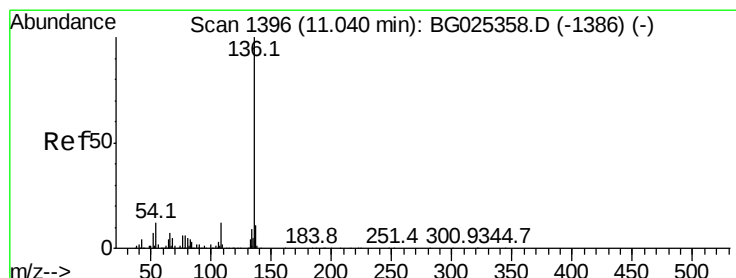
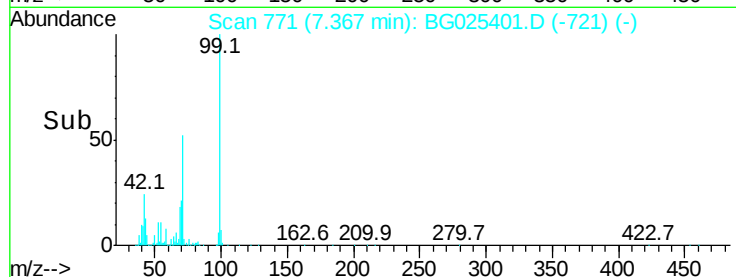
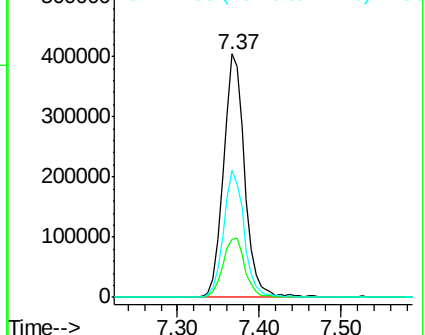
71 52.3 37.6 56.4



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: 11.04 min Scan# 1396

Delta R.T. -0.00 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

Tgt Ion: 136 Resp: 276222

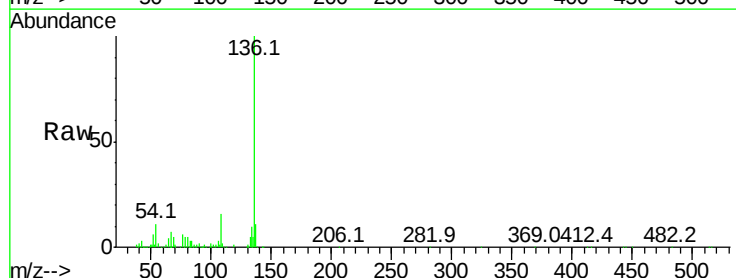
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.8 9.3 13.9

68 5.1 5.1 7.7#

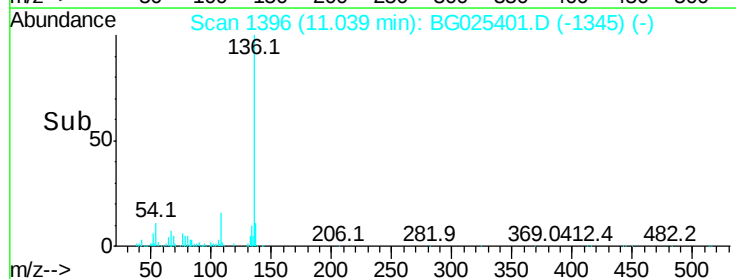
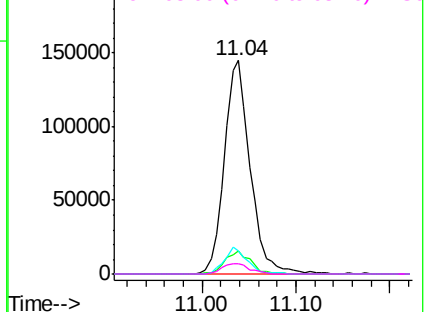


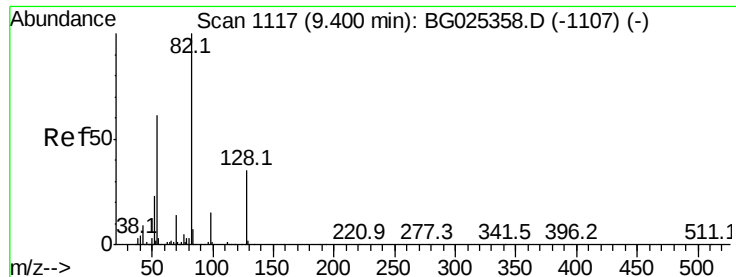
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

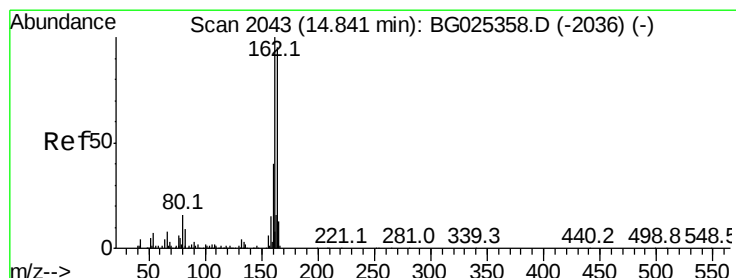
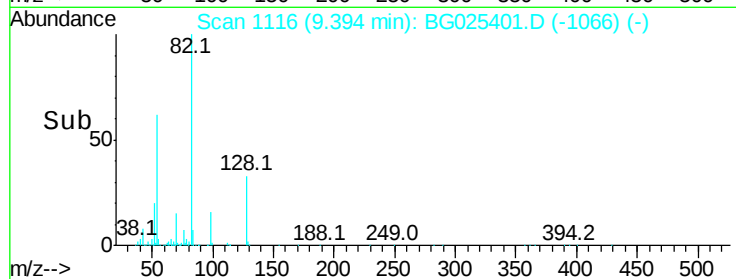
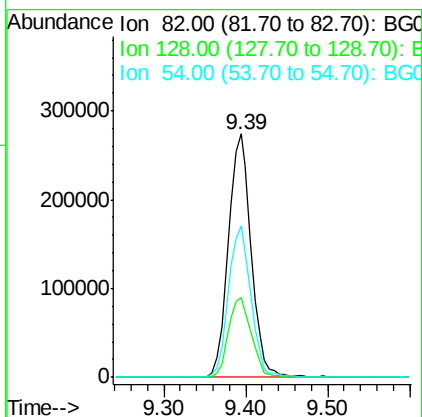
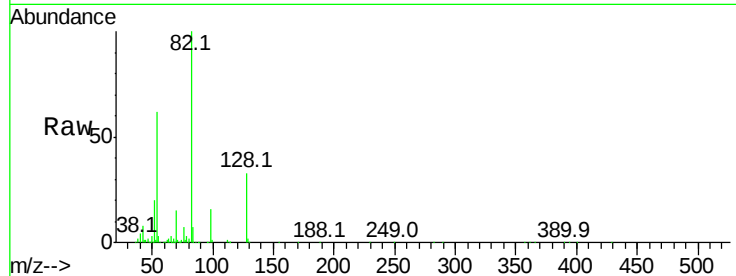




#23
 Nitrobenzene-d5
 Concen: 84.72 ng
 RT: 9.39 min Scan# 1116
 Delta R.T. -0.01 min
 Lab File: BG025401.D
 Acq: 29 Dec 2016 12:52

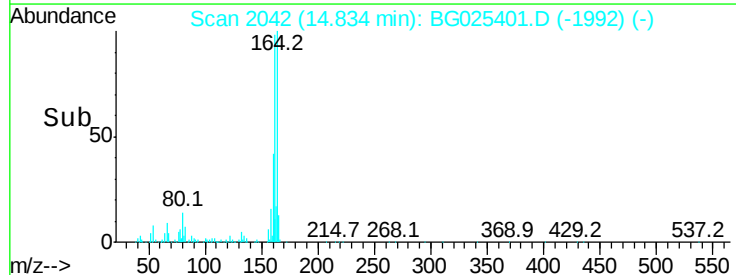
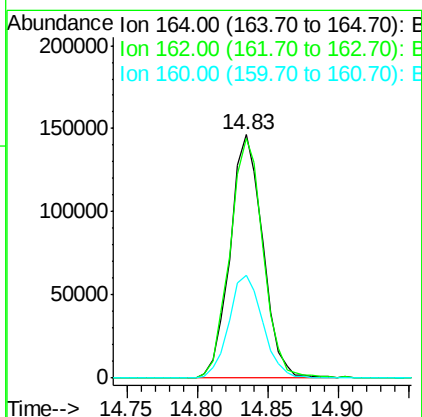
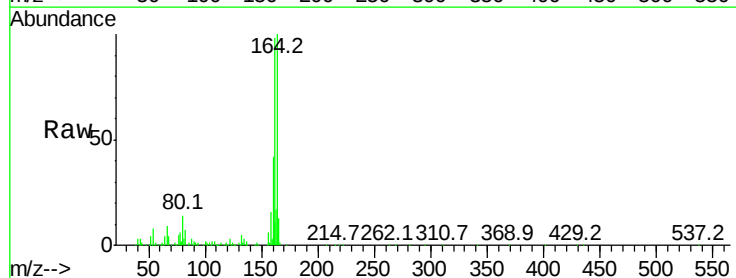
Instrument :
 BNA_G
 ClientSampleId :
 PB95595TB

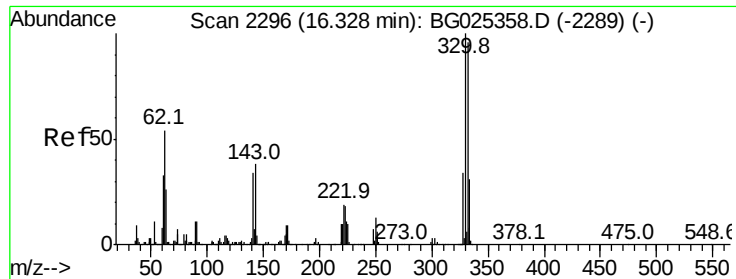
Tot Ion	82	Resp	529703
Ion Ratio	100	Lower	Upper
128	32.8	26.4	39.6
54	62.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.83 min Scan# 2042
 Delta R.T. -0.01 min
 Lab File: BG025401.D
 Acq: 29 Dec 2016 12:52

Tgt Ion	164	Resp	236149
Ion Ratio	100	Lower	Upper
162	98.3	85.1	127.7
160	42.5	34.7	52.1

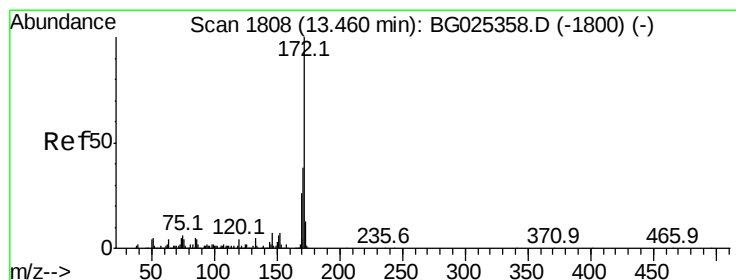
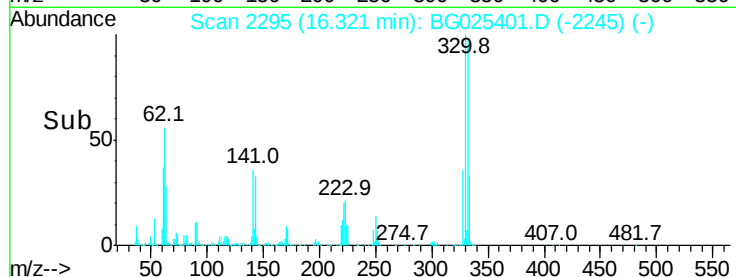
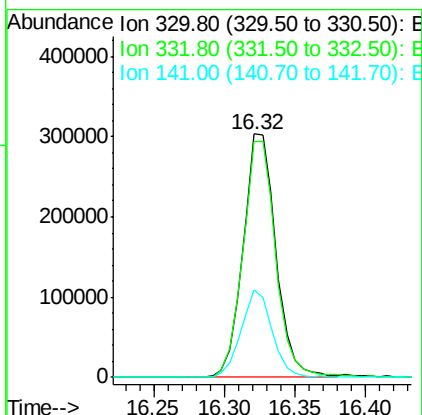
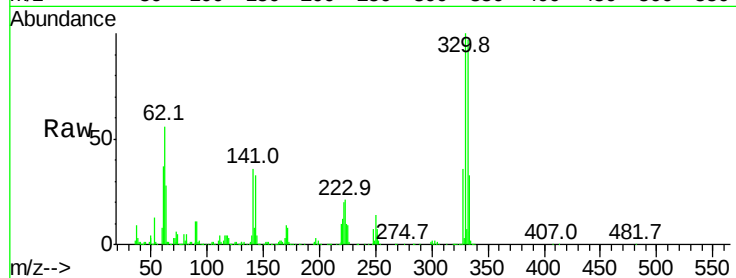




#41
2,4,6-Tribromophenol
Concen: 130.06 ng
RT: 16.32 min Scan# 2295
Delta R.T. -0.01 min
Lab File: BG025401.D
Acq: 29 Dec 2016 12:52

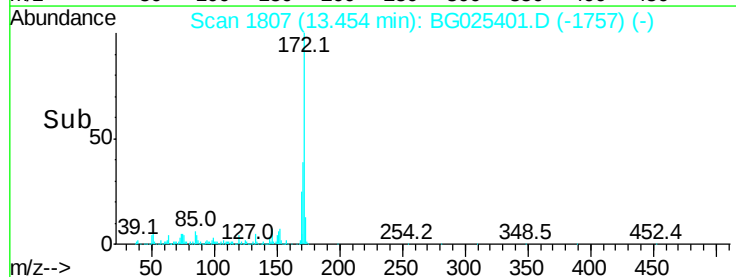
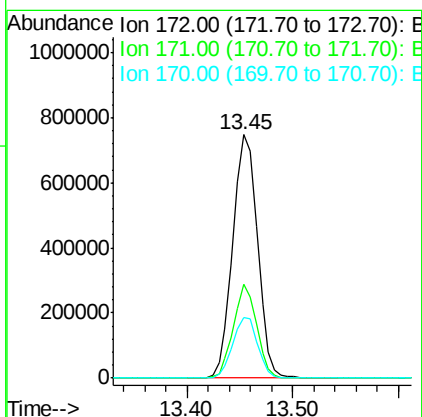
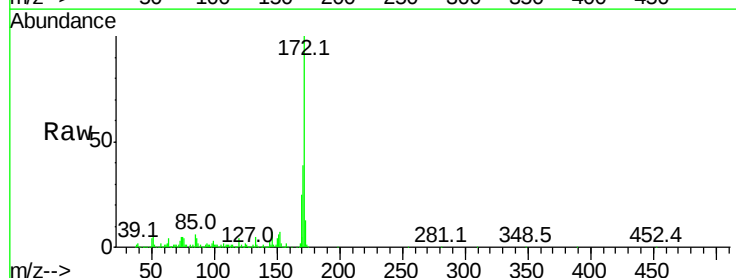
Instrument :
BNA_G
ClientSampleId :
PB95595TB

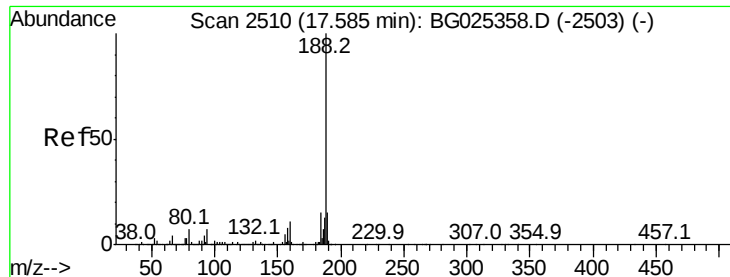
Tot Ion:330 Resp: 494474
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 34.0 32.1 48.1



#44
2-Fluorobiphenyl
Concen: 82.99 ng
RT: 13.45 min Scan# 1807
Delta R.T. -0.01 min
Lab File: BG025401.D
Acq: 29 Dec 2016 12:52

Tgt Ion:172 Resp: 1210501
Ion Ratio Lower Upper
172 100
171 38.8 32.2 48.2
170 24.7 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

Instrument :

BNA_G

ClientSampleId :

PB95595TB

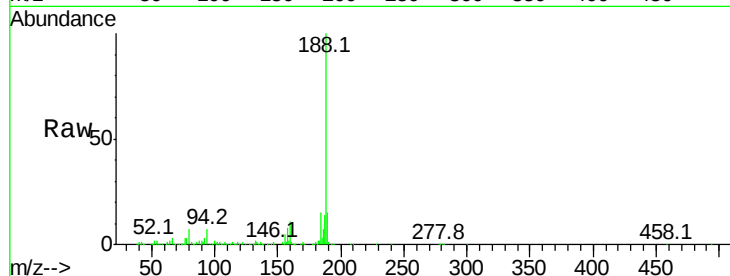
Tot Ion:188 Resp: 545543

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

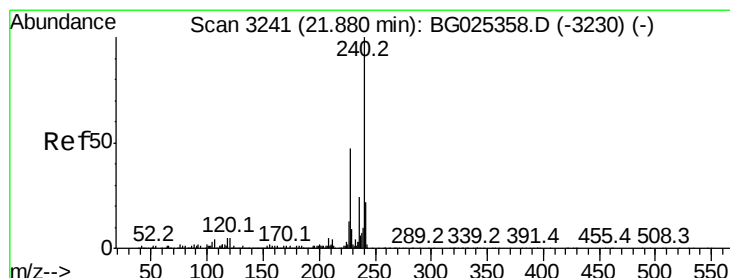
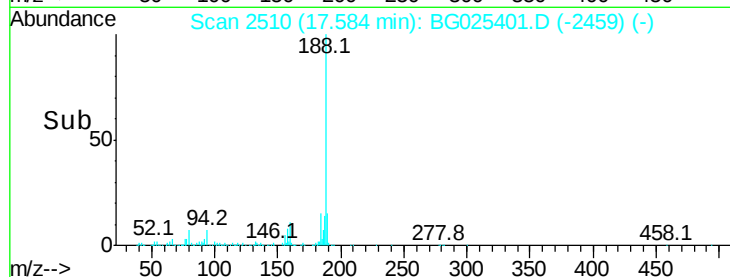
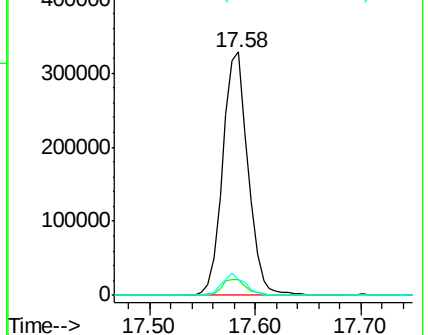
80 6.6 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.87 min Scan# 3240

Delta R.T. -0.01 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

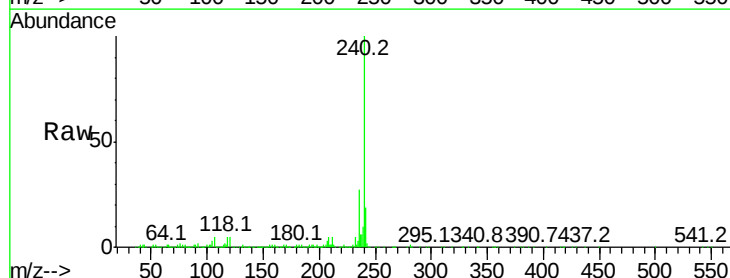
Tgt Ion:240 Resp: 778701

Ion Ratio Lower Upper

240 100

120 5.3 5.7 8.5#

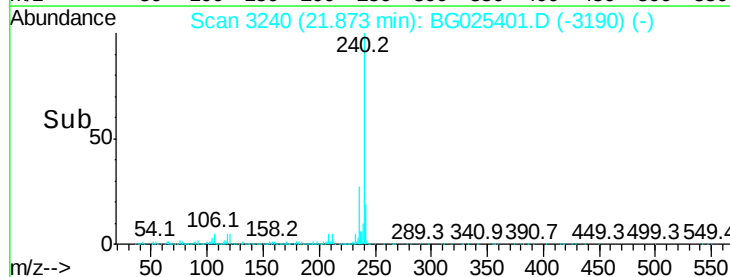
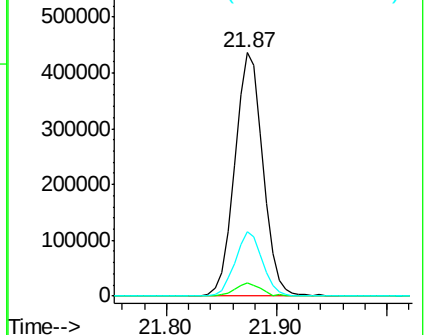
236 26.7 22.2 33.4

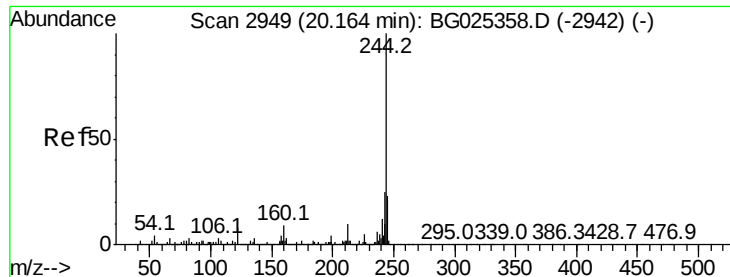


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.53 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025401.D

Acq: 29 Dec 2016 12:52

Instrument :

BNA_G

ClientSampleId :

PB95595TB

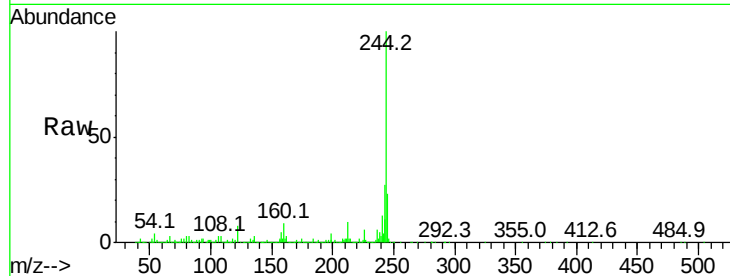
Tot Ion:244 Resp: 2365216

Ion Ratio Lower Upper

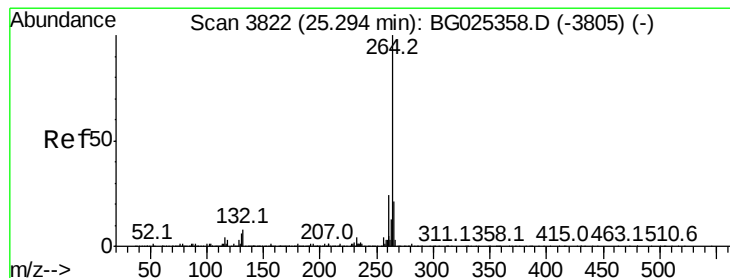
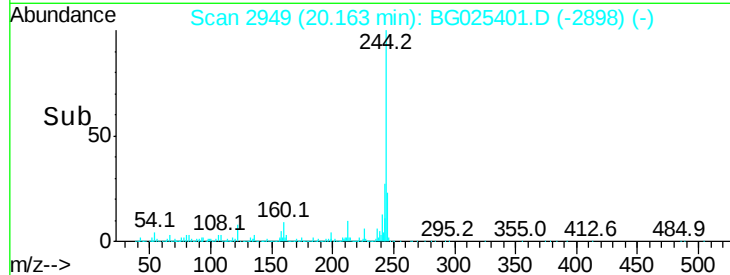
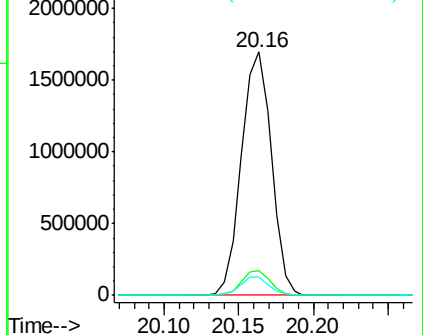
244 100

212 10.3 10.0 15.0

122 7.7 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: BG025401.D

Acq: 29 Dec 2016 12:52

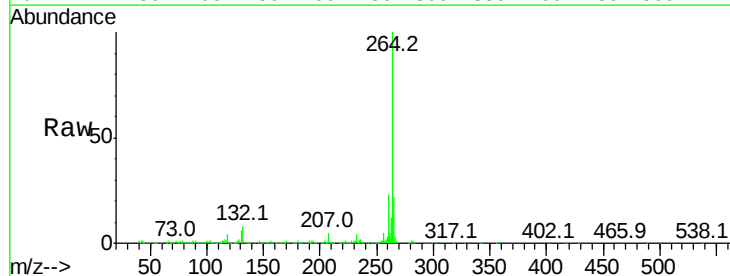
Tgt Ion:264 Resp: 789352

Ion Ratio Lower Upper

264 100

260 22.6 21.8 32.8

265 22.0 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

