

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012017\
 Data File : BG025541.D
 Acq On : 20 Jan 2017 16:40
 Operator : UM/SJ
 Sample : PB96173BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BL

Quant Time: Jan 21 00:30:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 11:26:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	58304	20.00	ng	-0.02
21) Naphthalene-d8	11.01	136	239961	20.00	ng	-0.02
38) Acenaphthene-d10	14.81	164	186368	20.00	ng	-0.02
63) Phenanthrene-d10	17.56	188	425659	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	675678	20.00	ng	-0.02
86) Perylene-d12	25.23	264	683721	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	473257	147.54	ng	-0.02
7) Phenol-d6	7.34	99	649882	143.86	ng	-0.02
23) Nitrobenzene-d5	9.36	82	468614	86.27	ng	-0.02
41) 2,4,6-Tribromophenol	16.30	330	372382	124.11	ng	-0.02
44) 2-Fluorobiphenyl	13.43	172	1011508	87.87	ng	-0.02
78) Terphenyl-d14	20.14	244	2048646	80.39	ng	-0.02

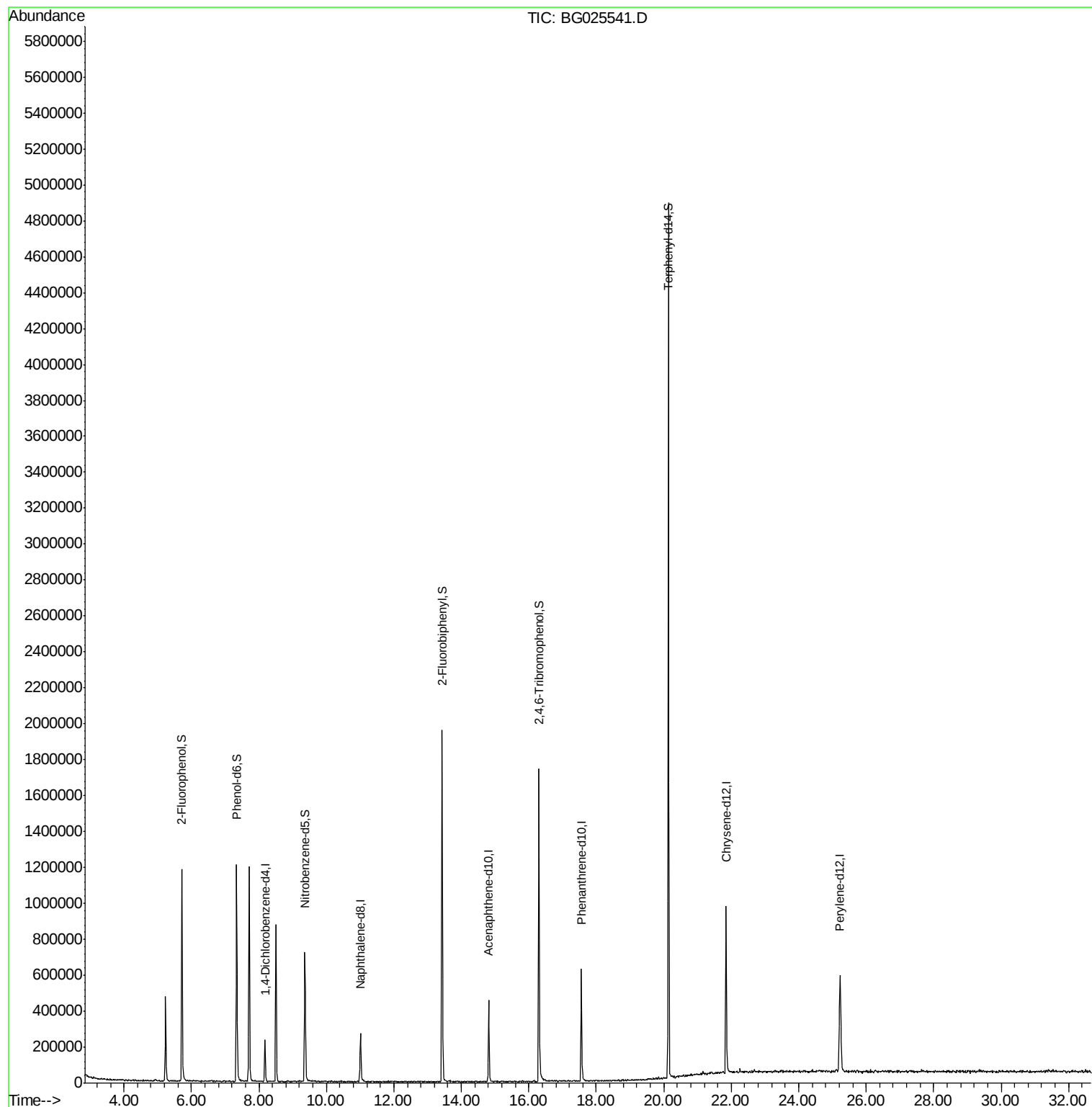
Target Compounds Qvalue

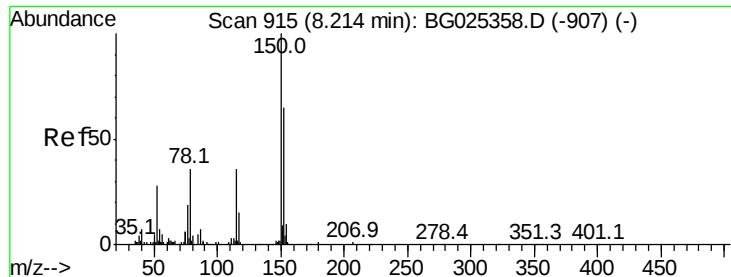
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.18 min Scan# 909

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

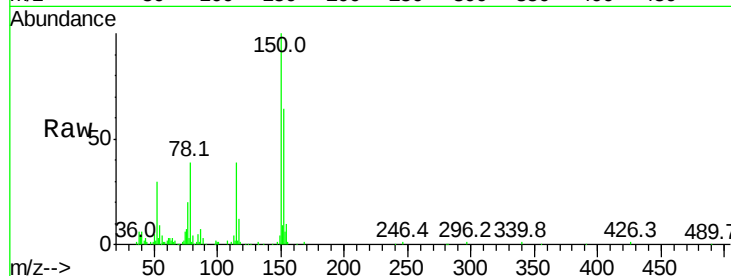
Tot Ion:152 Resp: 58304

Ion Ratio Lower Upper

152 100

150 156.3 114.0 171.0

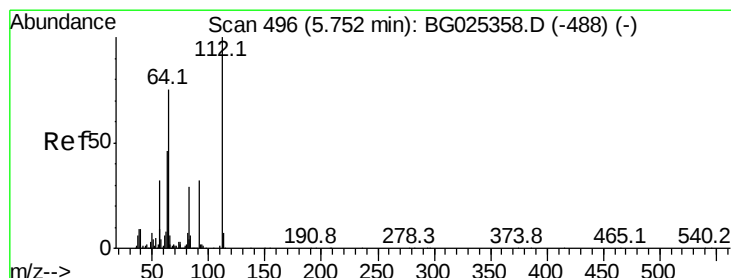
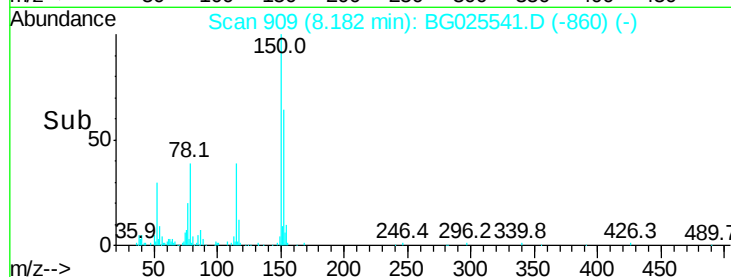
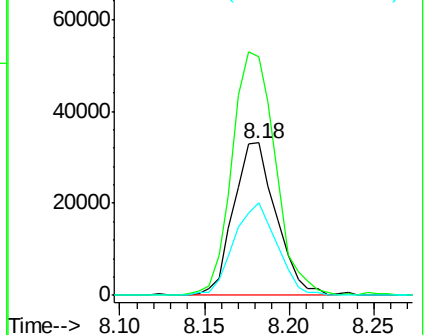
115 60.9 48.1 72.1



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: 147.54 ng

RT: 5.72 min Scan# 490

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

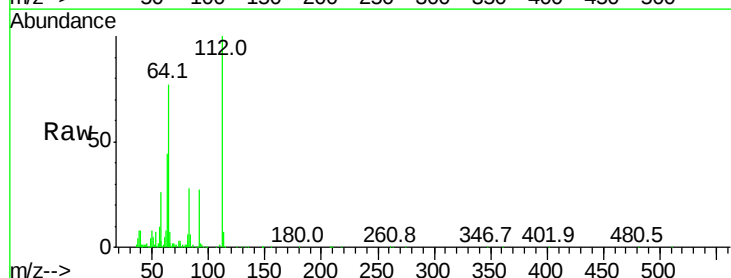
Tgt Ion:112 Resp: 473257

Ion Ratio Lower Upper

112 100

64 77.2 61.8 92.6

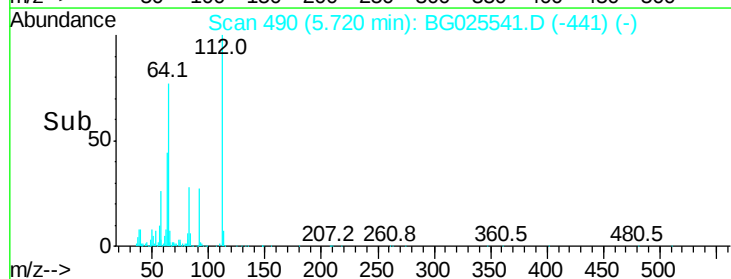
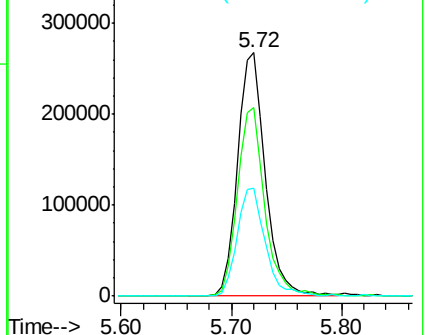
63 44.4 37.2 55.8

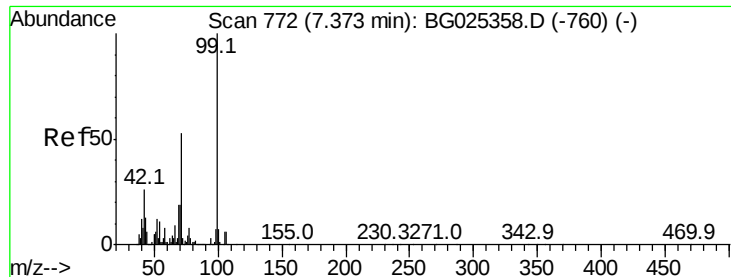


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.86 ng

RT: 7.34 min Scan# 765

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

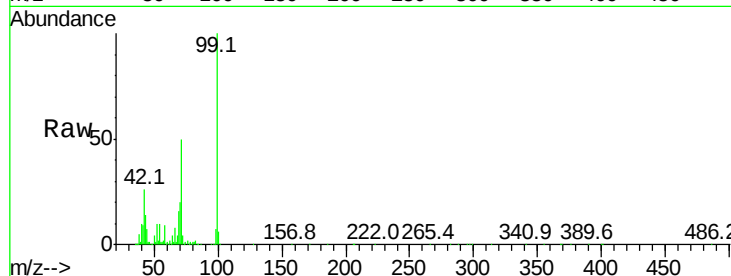
Tot Ion: 99 Resp: 649882

Ion Ratio Lower Upper

99 100

42 25.7 20.5 30.7

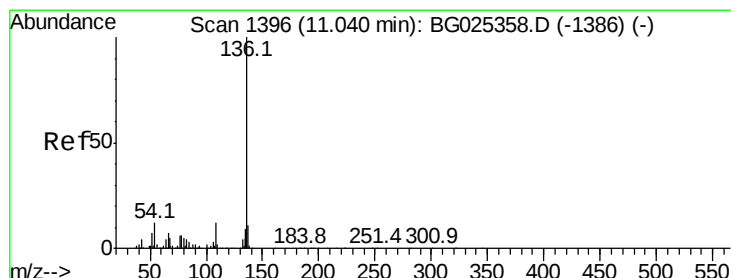
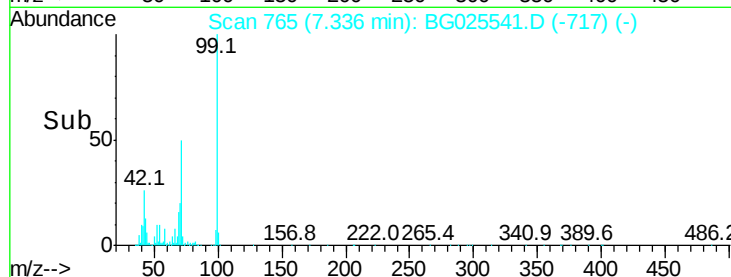
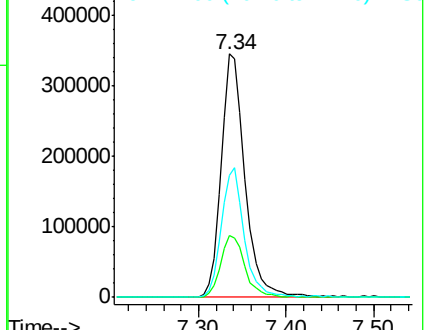
71 50.3 37.6 56.4



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: 11.01 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Tgt Ion: 136 Resp: 239961

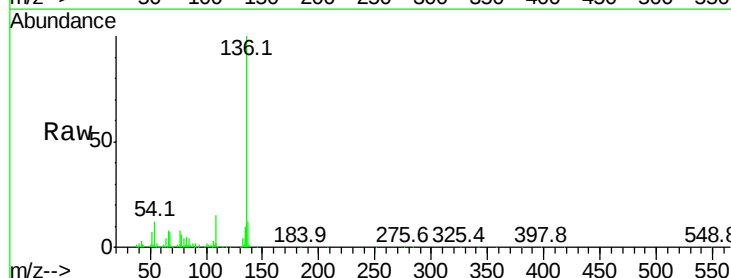
Ion Ratio Lower Upper

136 100

137 12.3 8.9 13.3

54 11.7 9.3 13.9

68 6.9 5.1 7.7

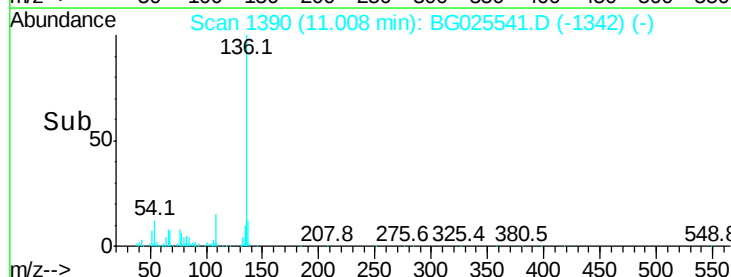
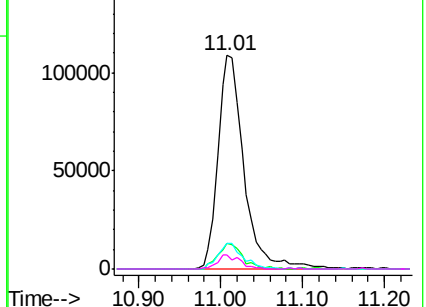


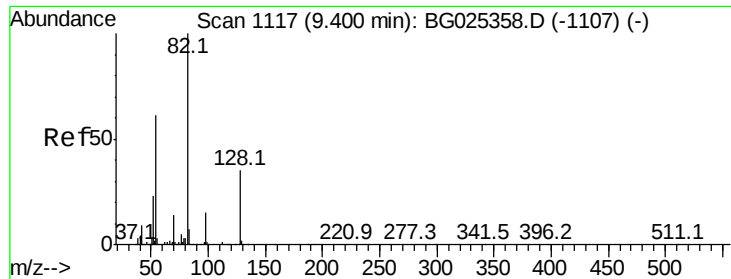
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

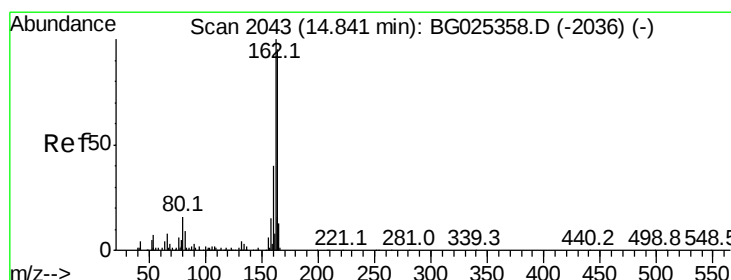
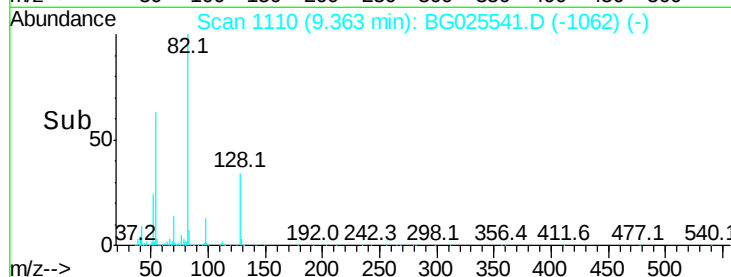
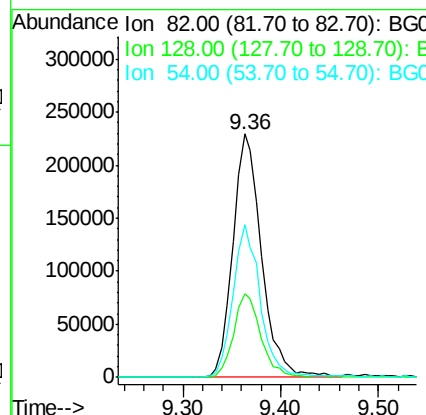
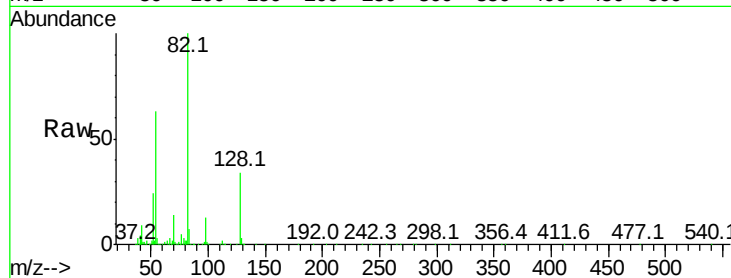




#23
 Nitrobenzene-d5
 Concen: 86.27 ng
 RT: 9.36 min Scan# 1110
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

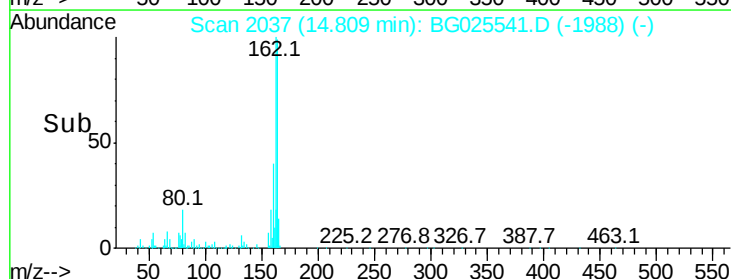
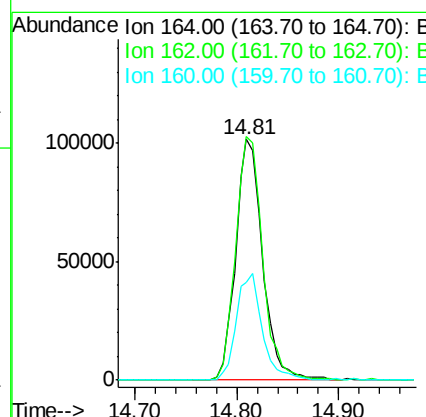
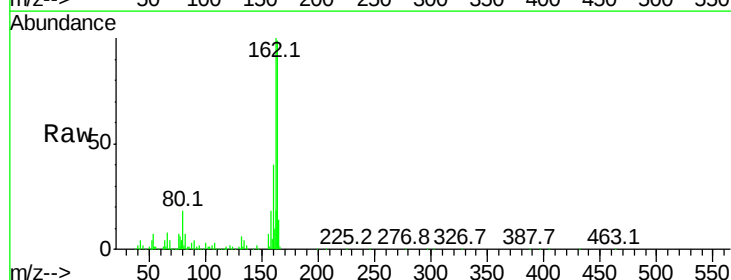
Instrument :
 BNA_G
 ClientSampleId :
 PB96173BL

Tot Ion	82	Resp	468614
Ion Ratio	100	Lower	Upper
128	34.3	26.4	39.6
54	62.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

Tgt Ion	164	Resp	186368
Ion Ratio	100	Lower	Upper
162	101.2	85.1	127.7
160	40.5	34.7	52.1

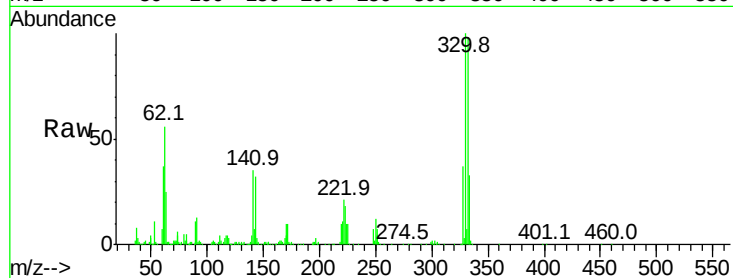




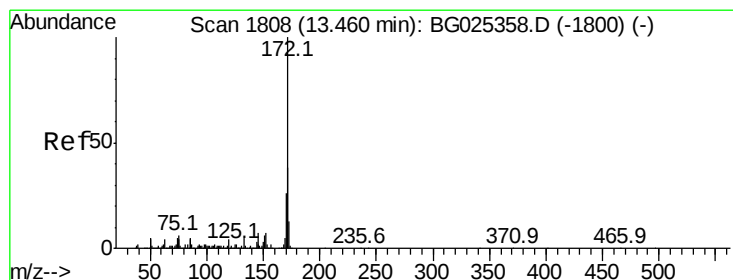
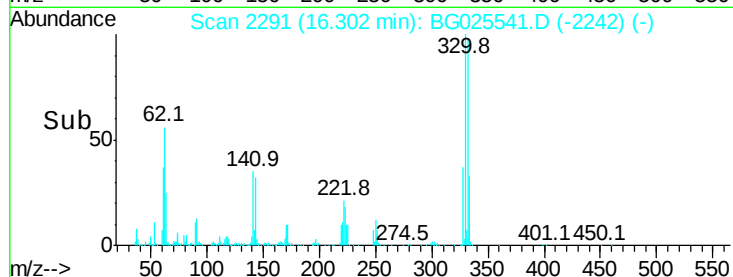
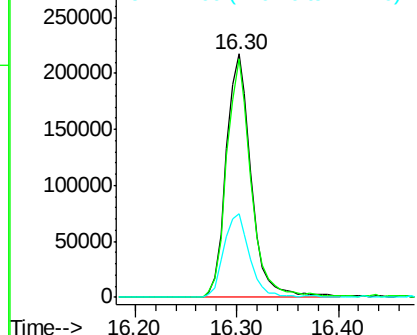
#41
 2,4,6-Tribromophenol
 Concen: 124.11 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

Instrument :
 BNA_G
 ClientSampleId :
 PB96173BL

Tot Ion:330 Resp: 372382
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 35.3 32.1 48.1

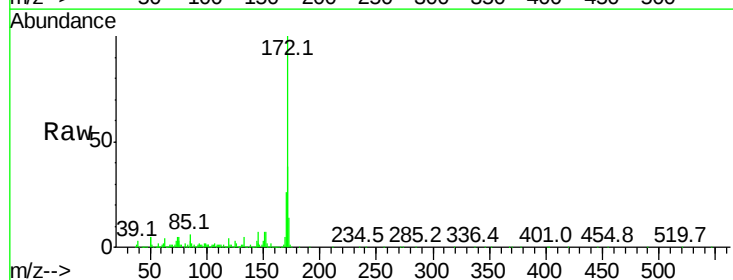


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

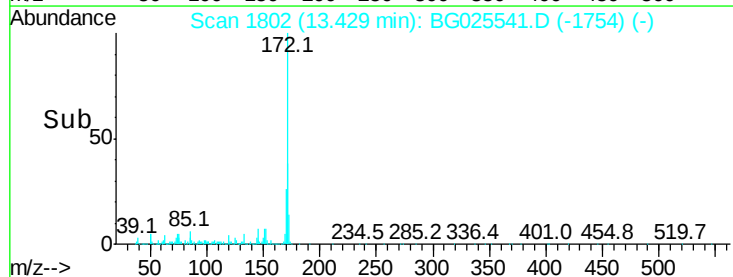
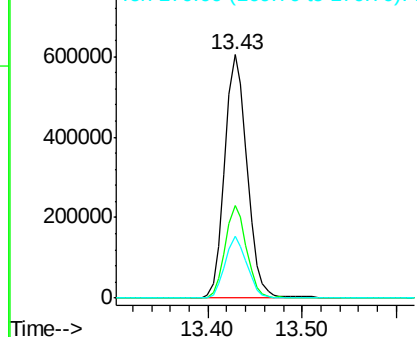


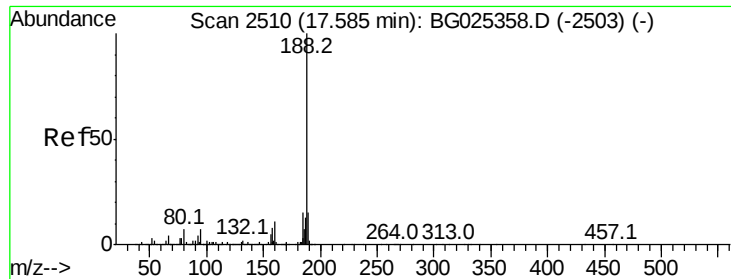
#44
 2-Fluorobiphenyl
 Concen: 87.87 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. -0.02 min
 Lab File: BG025541.D
 Acq: 20 Jan 2017 16:40

Tgt Ion:172 Resp: 1011508
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 25.5 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: 17.56 min Scan# 2505

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

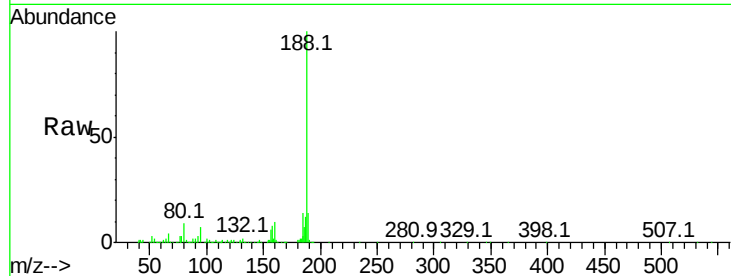
Tot Ion:188 Resp: 425659

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.8

80 8.9 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

17.56

300000

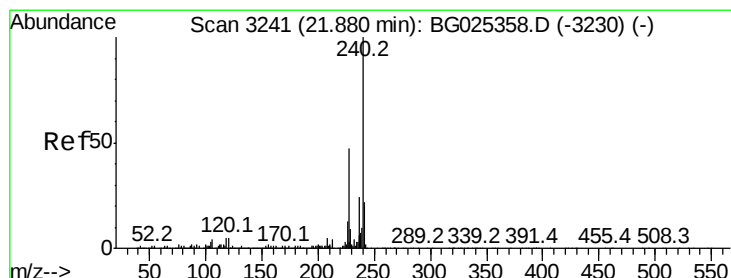
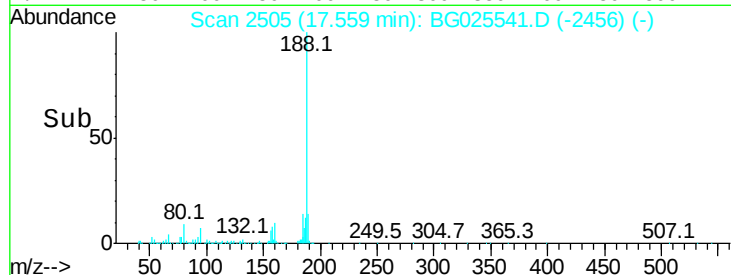
200000

100000

0

Time-->

17.50 17.60 17.70



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

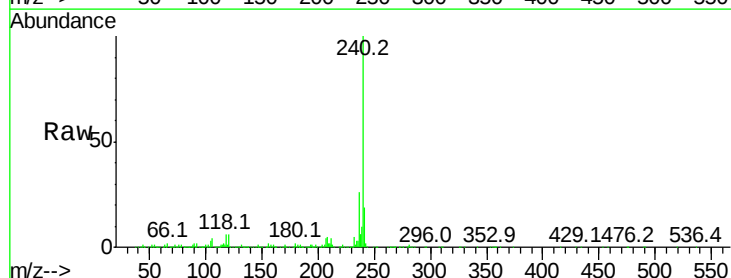
Tgt Ion:240 Resp: 675678

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

236 26.3 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

21.84

400000

300000

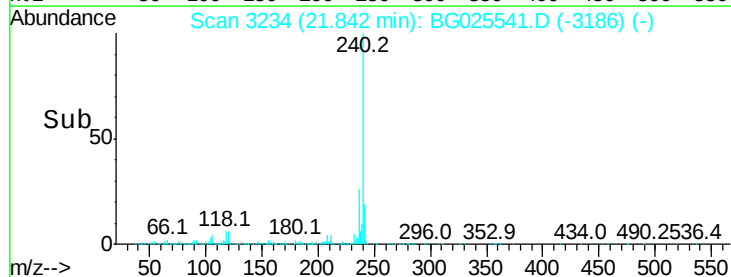
200000

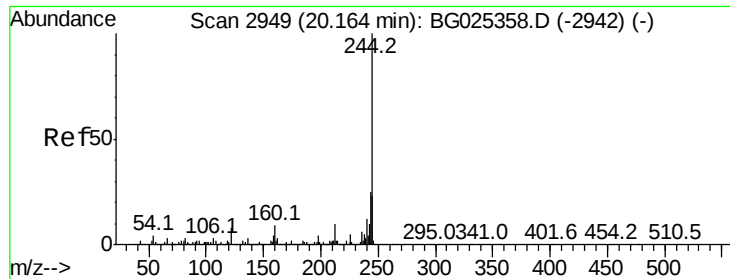
100000

0

Time-->

21.70 21.80 21.90 22.00





#78

Terphenyl-d14

Concen: 80.39 ng

RT: 20.14 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

Instrument :

BNA_G

ClientSampleId :

PB96173BL

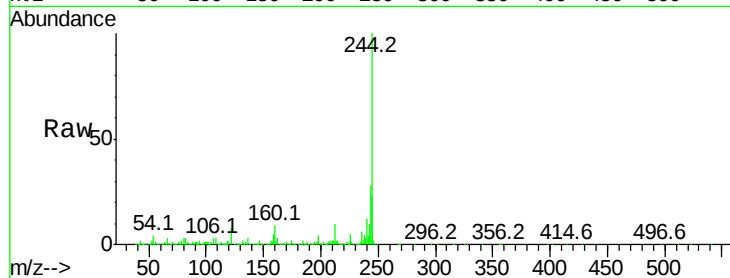
Tot Ion:244 Resp: 2048646

Ion Ratio Lower Upper

244 100

212 10.0 10.0 15.0#

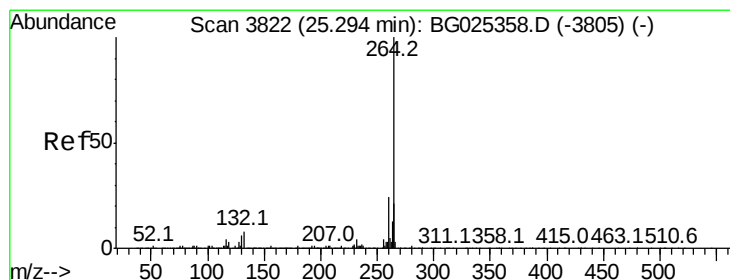
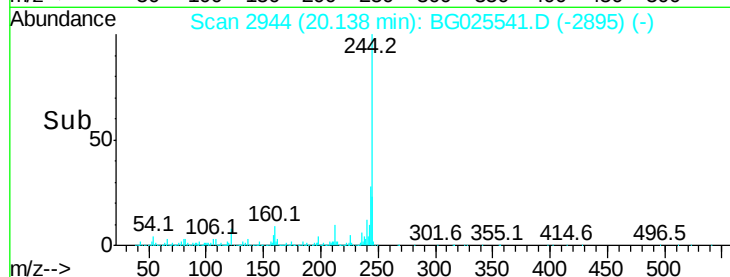
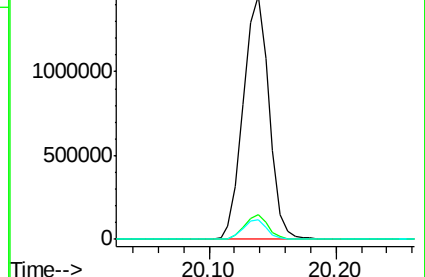
122 8.2 8.6 12.8#



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: 25.23 min Scan# 3810

Delta R.T. -0.04 min

Lab File: BG025541.D

Acq: 20 Jan 2017 16:40

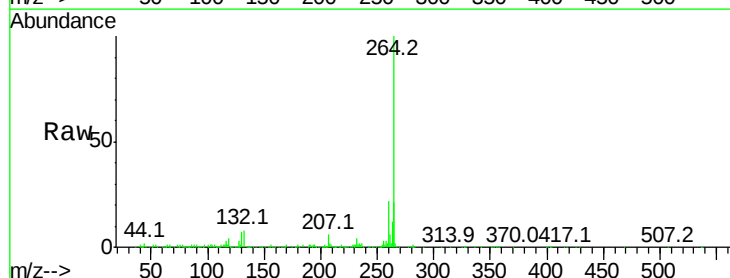
Tgt Ion:264 Resp: 683721

Ion Ratio Lower Upper

264 100

260 22.4 21.8 32.8

265 21.3 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

