

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020861.D
 Acq On : 11 Feb 2016 18:09
 Operator : SJ/UM
 Sample : PB87601BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87601BL

Quant Time: Feb 11 22:52:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	20893	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	101914	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	66258	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	141112	20.00	ng	0.00
75) Chrysene-d12	21.90	240	132761	20.00	ng	-0.01
86) Perylene-d12	25.28	264	121588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	151244	121.91	ng	0.00
7) Phenol-d6	7.41	99	211727	116.76	ng	0.00
23) Nitrobenzene-d5	9.44	82	114492	73.87	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	78663	120.73	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	331610	70.30	ng	0.00
78) Terphenyl-d14	20.20	244	448535	78.82	ng	0.00

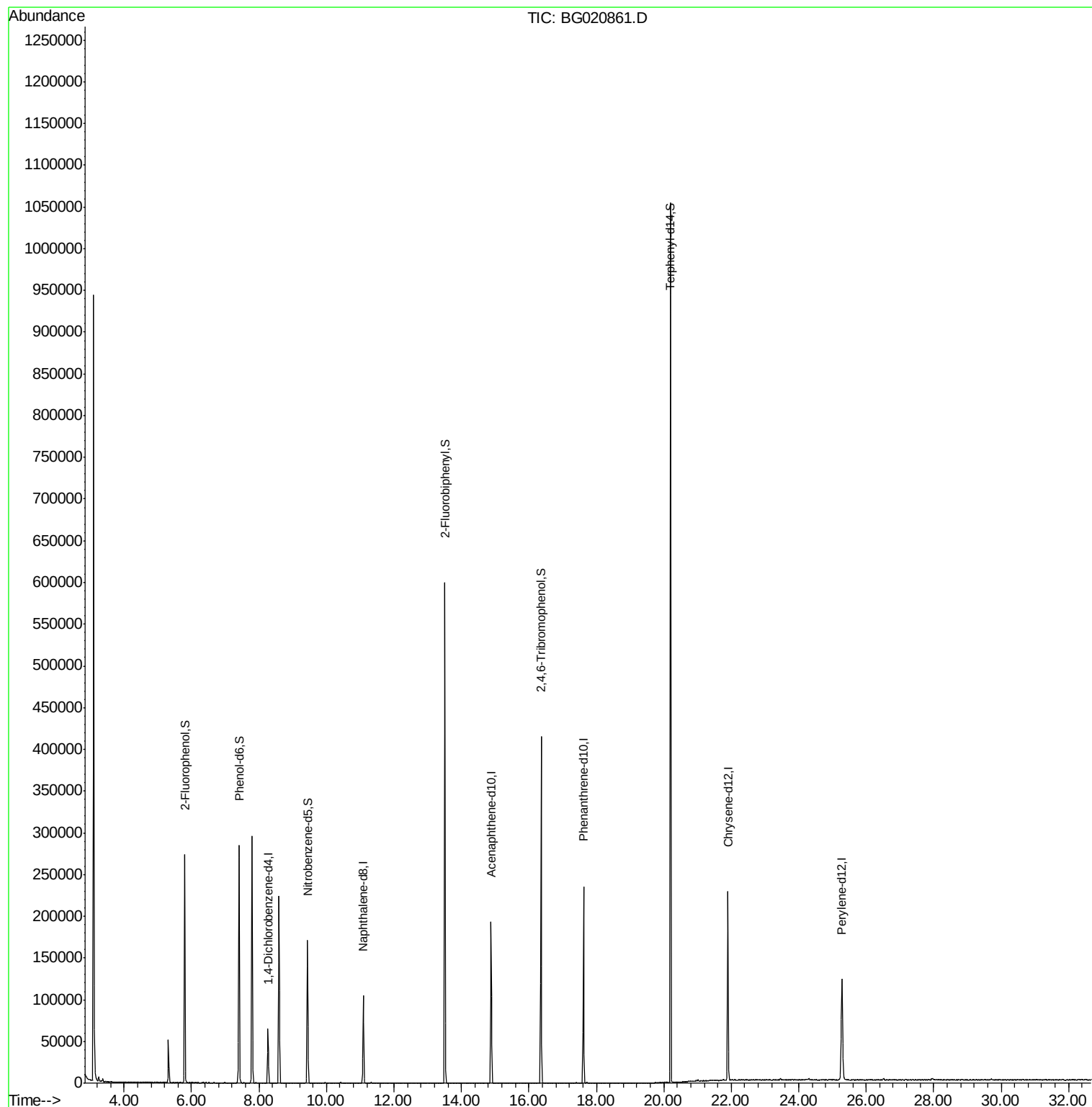
Target Compounds Qvalue

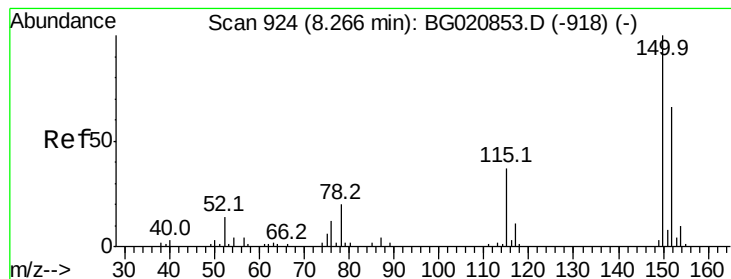
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.27 min Scan# 924

Delta R.T. 0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Instrument :

BNA_G

ClientSampleID :

PB87601BL

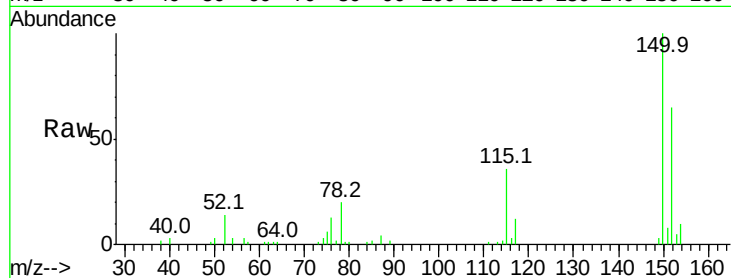
Tot Ion:152 Resp: 20893

Ion Ratio Lower Upper

152 100

150 154.1 122.0 183.0

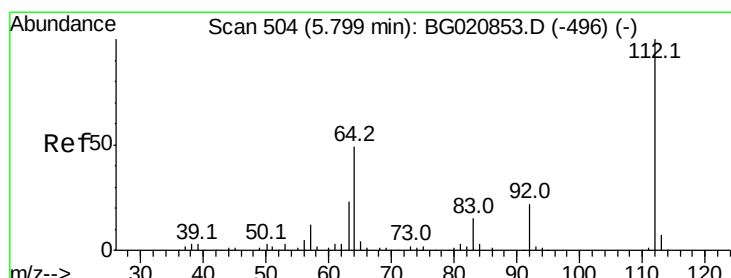
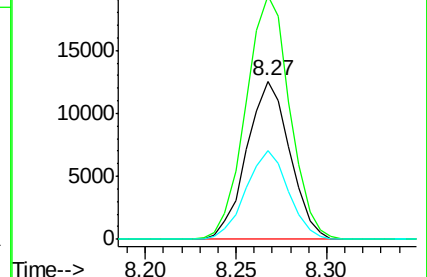
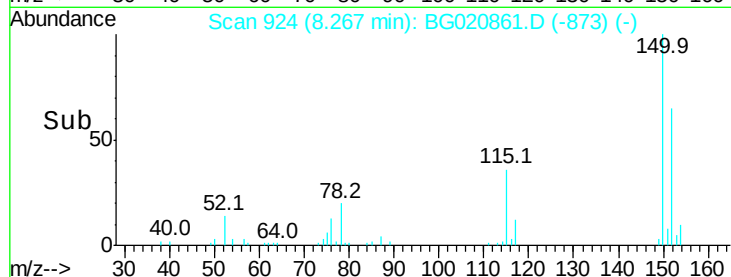
115 56.1 45.2 67.8



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: 121.91 ng

RT: 5.80 min Scan# 504

Delta R.T. 0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

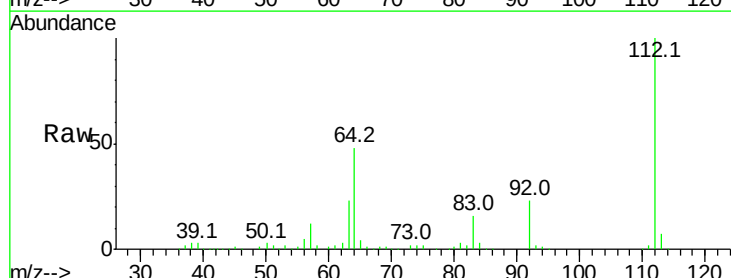
Tgt Ion:112 Resp: 151244

Ion Ratio Lower Upper

112 100

64 48.1 39.3 58.9

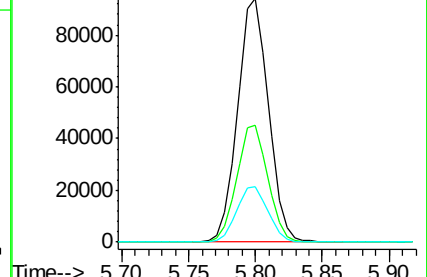
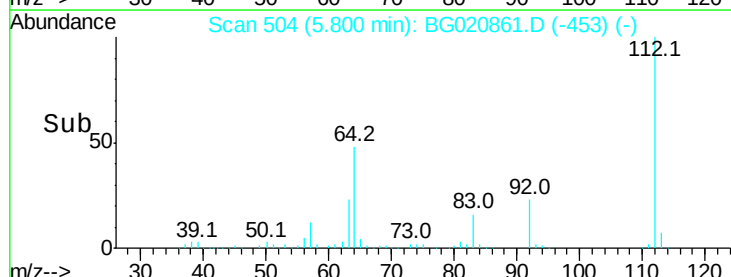
63 22.7 18.2 27.4

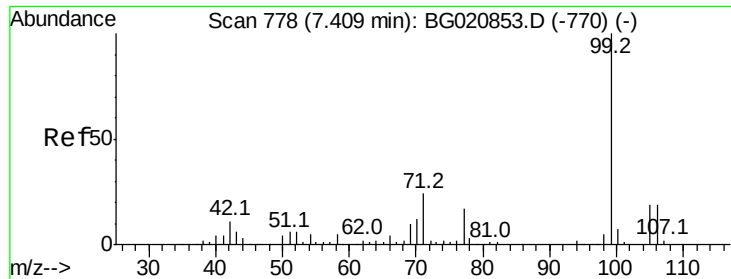


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 116.76 ng

RT: 7.41 min Scan# 778

Delta R.T. 0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Instrument :

BNA_G

ClientSampleId :

PB87601BL

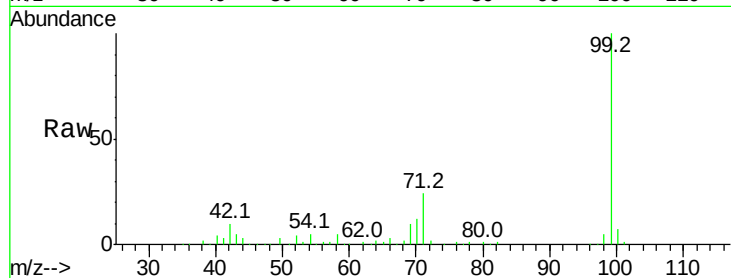
Tot Ion: 99 Resp: 211727

Ion Ratio Lower Upper

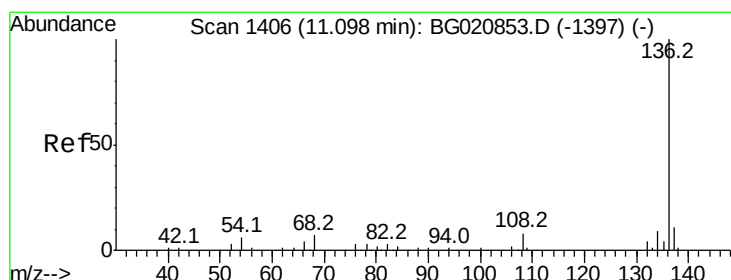
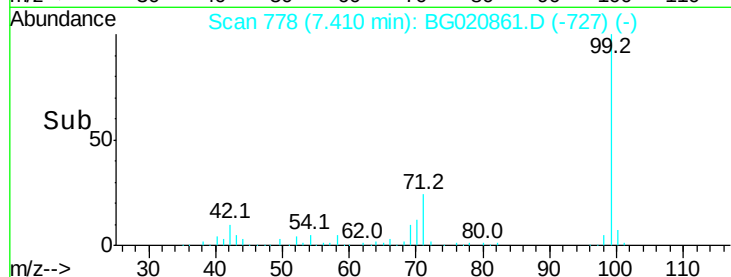
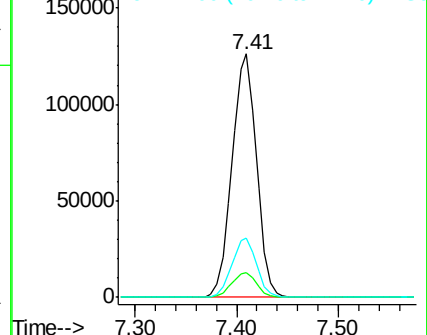
99 100

42 10.1 8.4 12.6

71 24.1 19.4 29.0



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: 11.09 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Tgt Ion: 136 Resp: 101914

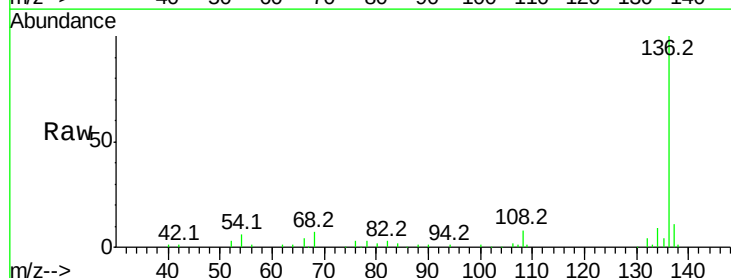
Ion Ratio Lower Upper

136 100

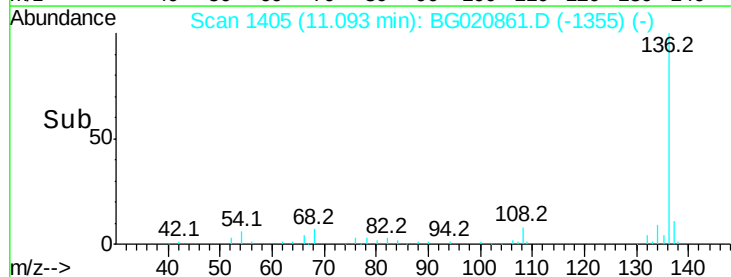
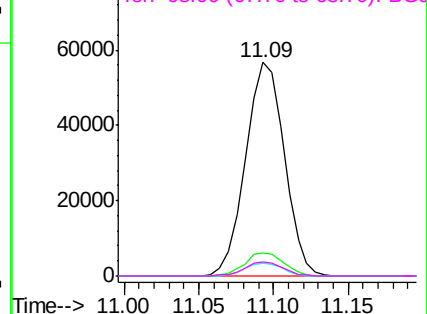
137 10.8 8.8 13.2

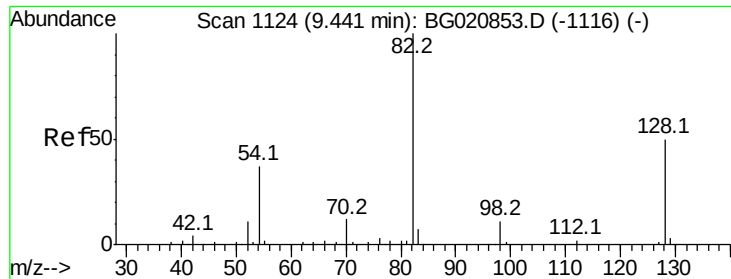
54 6.1 5.0 7.4

68 6.8 5.2 7.8



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: 73.87 ng

RT: 9.44 min Scan# 1123

Delta R.T. -0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Instrument :

BNA_G

ClientSampled :

PB87601BL

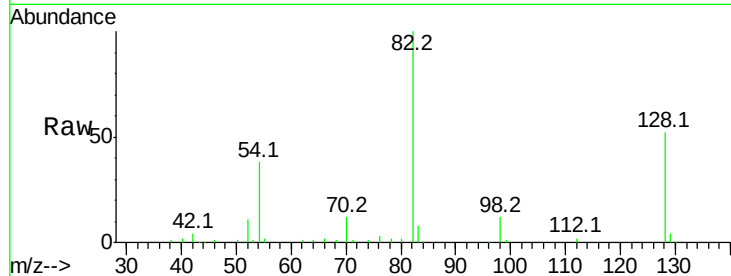
Tot Ion: 82 Resp: 114492

Ion Ratio Lower Upper

82 100

128 51.8 40.1 60.1

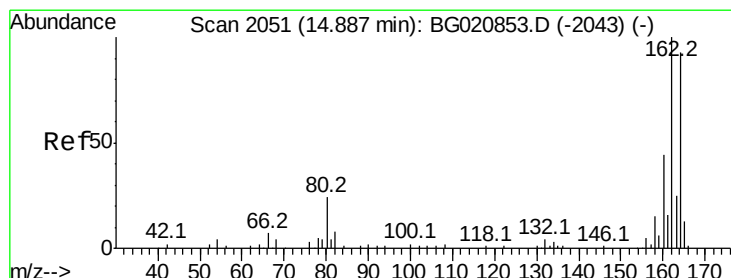
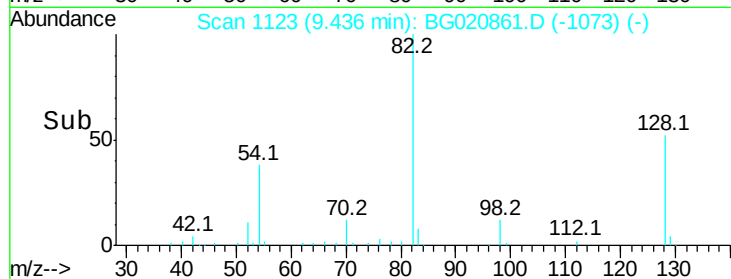
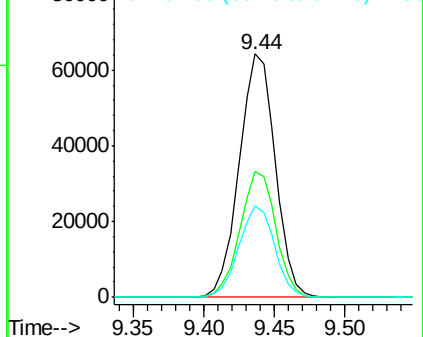
54 37.7 29.5 44.3



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: 20.00 ng

RT: 14.88 min Scan# 2050

Delta R.T. -0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

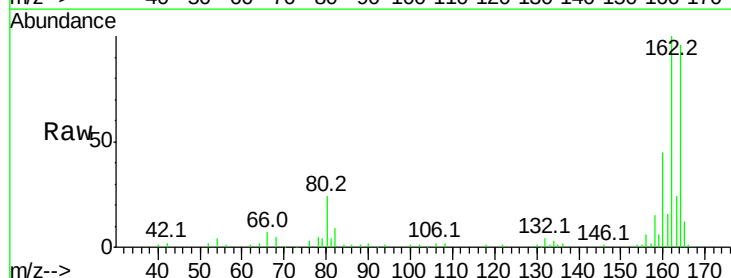
Tgt Ion: 164 Resp: 66258

Ion Ratio Lower Upper

164 100

162 104.6 85.7 128.5

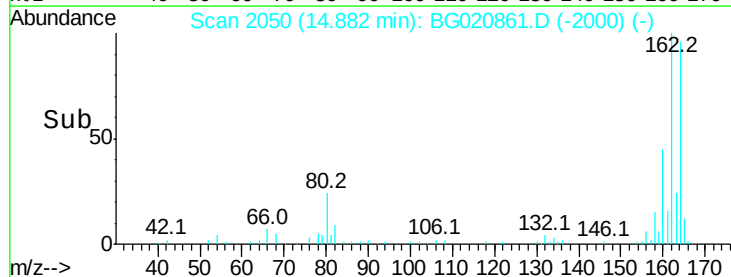
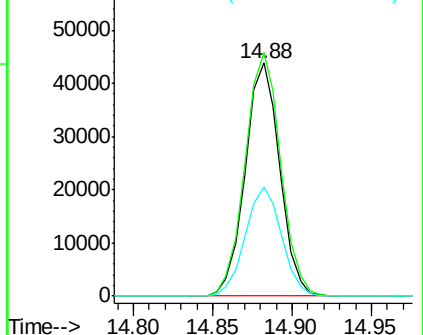
160 46.9 37.4 56.0

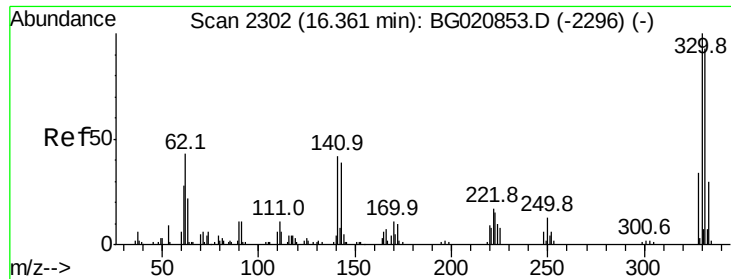


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

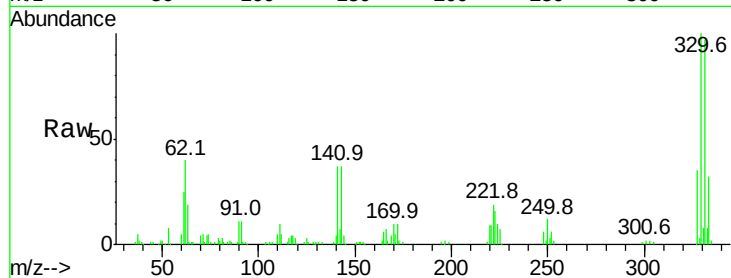




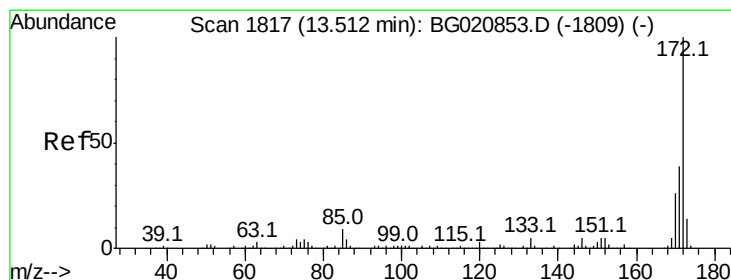
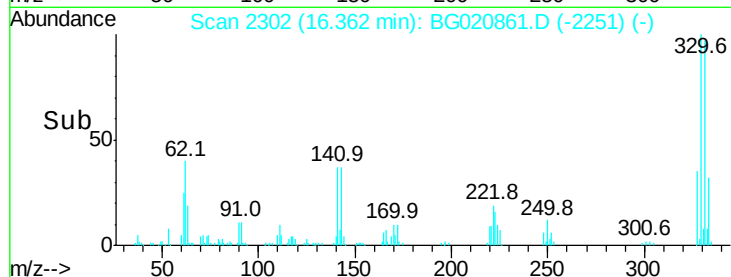
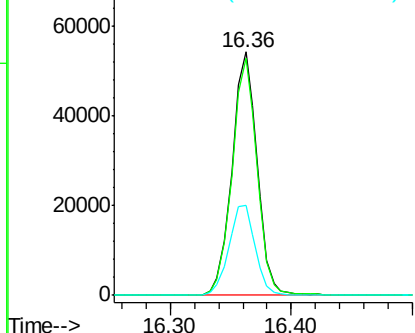
#41
 2,4,6-Tribromophenol
 Concen: 120.73 ng
 RT: 16.36 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: BG020861.D
 Acq: 11 Feb 2016 18:09

Instrument :
 BNA_G
 ClientSampleId :
 PB87601BL

Tot Ion:330 Resp: 78663
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.1 114.1
 141 38.6 32.0 48.0

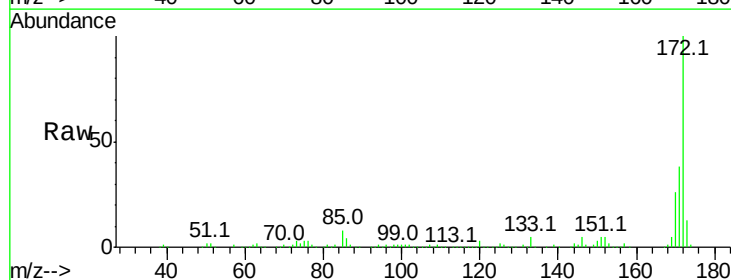


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

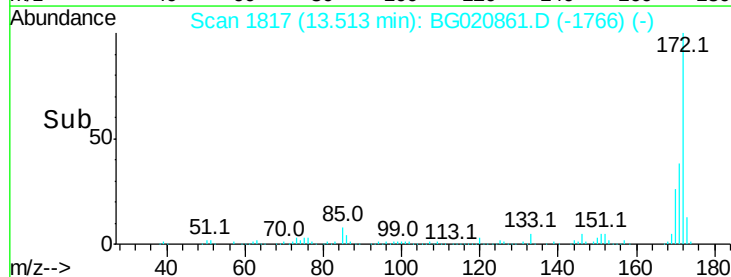
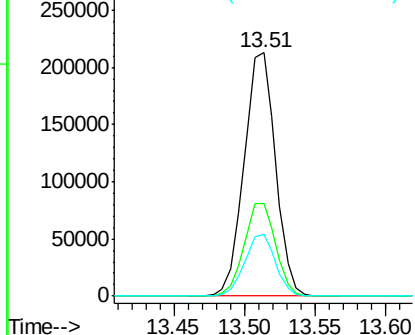


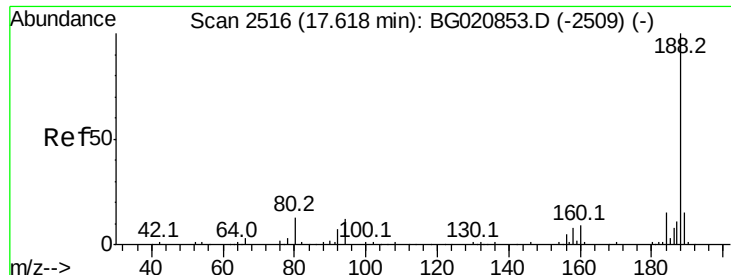
#44
 2-Fluorobiphenyl
 Concen: 70.30 ng
 RT: 13.51 min Scan# 1817
 Delta R.T. 0.00 min
 Lab File: BG020861.D
 Acq: 11 Feb 2016 18:09

Tgt Ion:172 Resp: 331610
 Ion Ratio Lower Upper
 172 100
 171 38.0 31.2 46.8
 170 25.5 20.6 30.8



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: 17.62 min Scan# 2516

Delta R.T. 0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Instrument :

BNA_G

ClientSampleId :

PB87601BL

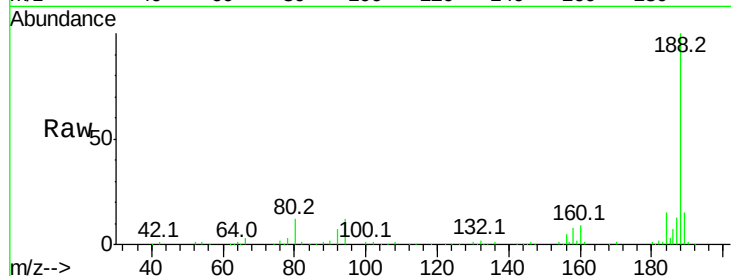
Tot Ion:188 Resp: 141112

Ion Ratio Lower Upper

188 100

94 12.0 9.4 14.0

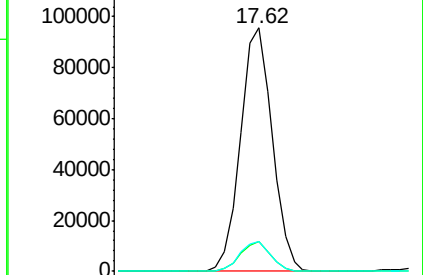
80 12.1 10.2 15.4



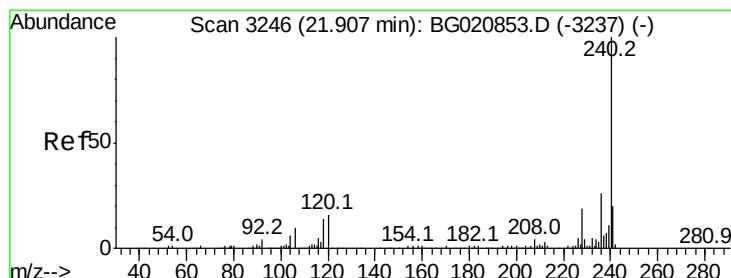
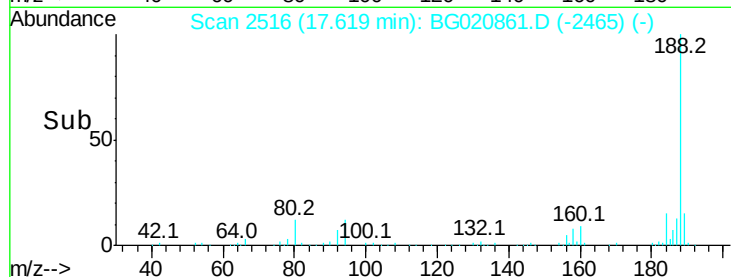
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.90 min Scan# 3244

Delta R.T. -0.01 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

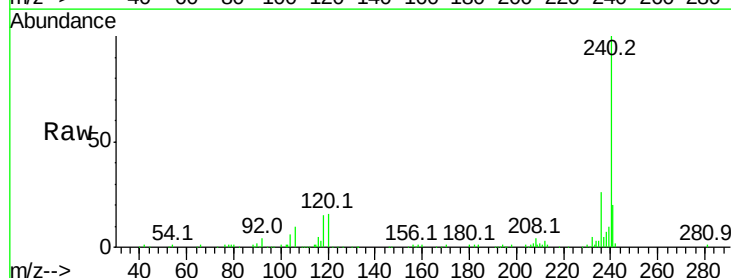
Tgt Ion:240 Resp: 132761

Ion Ratio Lower Upper

240 100

120 16.3 13.0 19.4

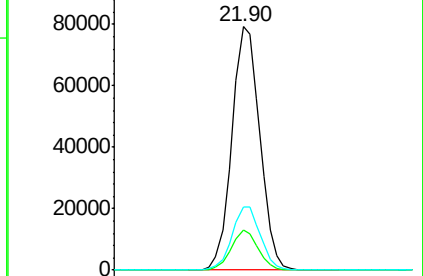
236 26.0 21.0 31.4



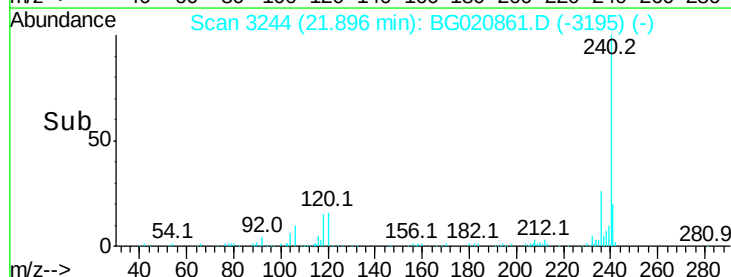
Abundance Ion 240.00 (239.70 to 240.70): E

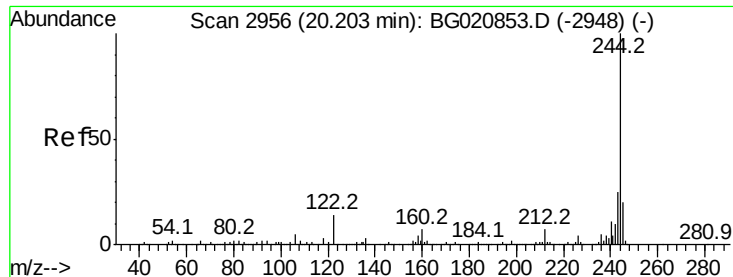
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 78.82 ng

RT: 20.20 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG020861.D

Acq: 11 Feb 2016 18:09

Instrument :

BNA_G

ClientSampleId :

PB87601BL

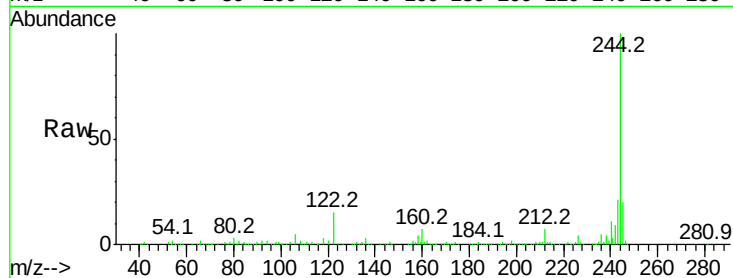
Tot Ion:244 Resp: 448535

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

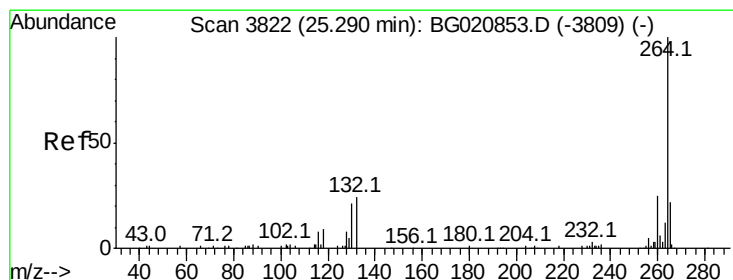
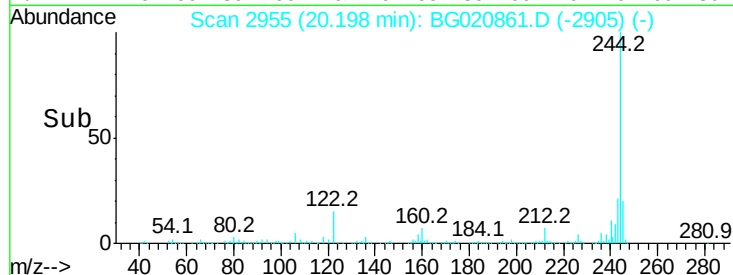
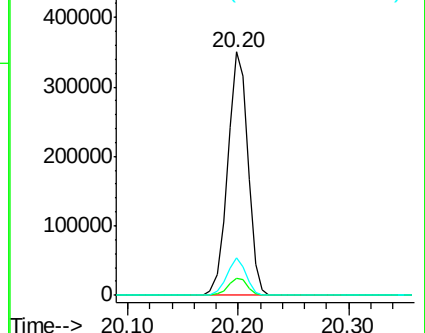
122 15.2 11.4 17.2



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: BG020861.D

Acq: 11 Feb 2016 18:09

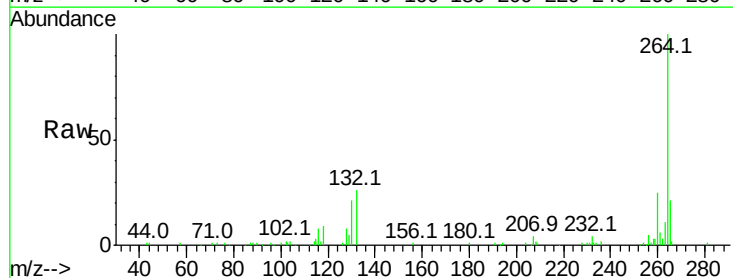
Tgt Ion:264 Resp: 121588

Ion Ratio Lower Upper

264 100

260 25.1 19.9 29.9

265 21.3 18.0 27.0



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

