

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG021116\
 Data File : BG020858.D
 Acq On : 11 Feb 2016 16:11
 Operator : SJ/UM
 Sample : PB87600BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87600BL

Quant Time: Feb 11 22:42:31 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	20167	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	97446	20.00	ng	0.00
38) Acenaphthene-d10	14.88	164	62916	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	138477	20.00	ng	0.00
75) Chrysene-d12	21.90	240	133344	20.00	ng	0.00
86) Perylene-d12	25.28	264	122886	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.80	112	145488	121.49	ng	0.00
7) Phenol-d6	7.41	99	200439	114.52	ng	0.00
23) Nitrobenzene-d5	9.44	82	109204	73.68	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	76958	124.38	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	311862	69.63	ng	0.00
78) Terphenyl-d14	20.20	244	450754	78.86	ng	0.00

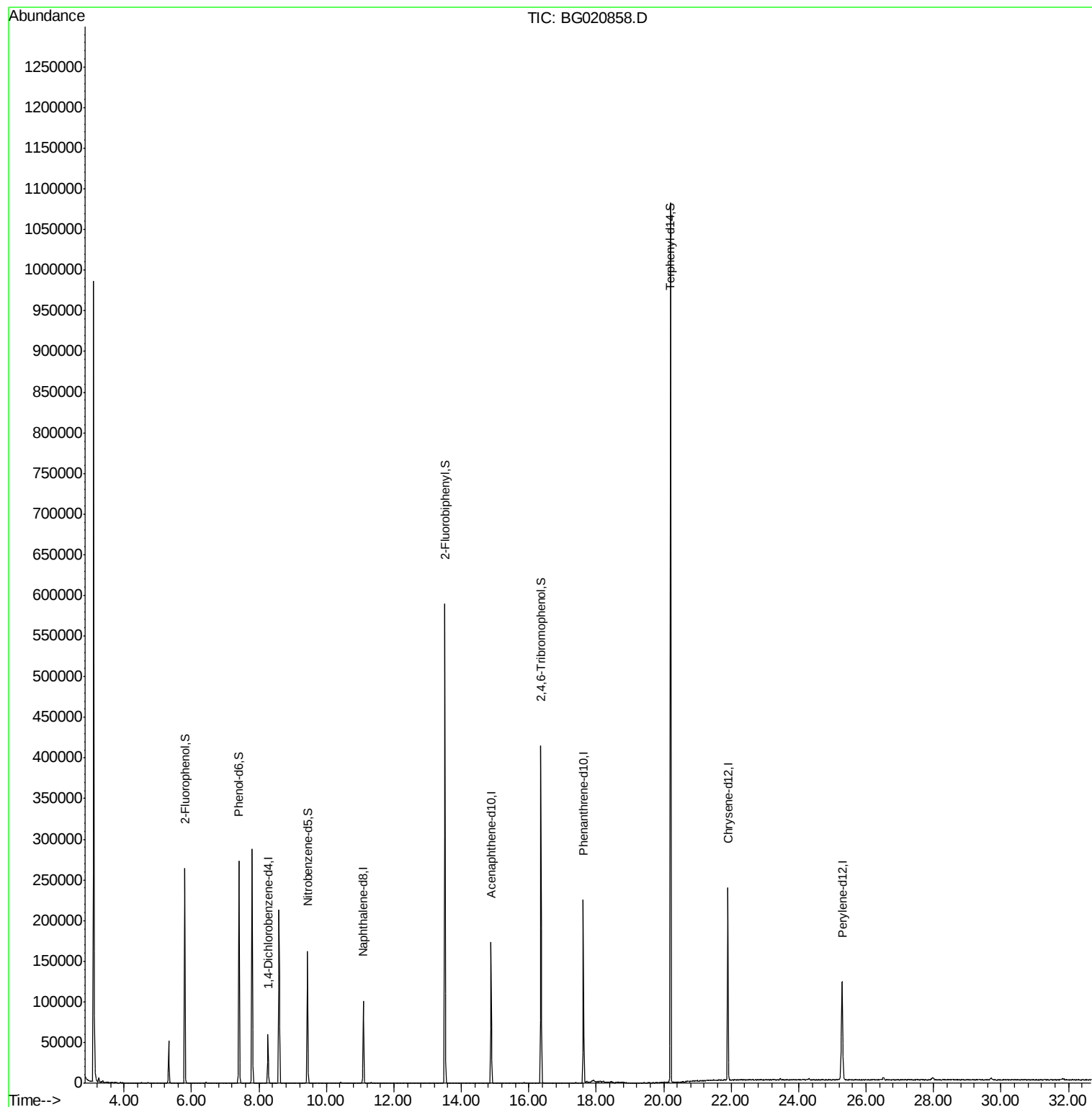
Target Compounds Qvalue

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

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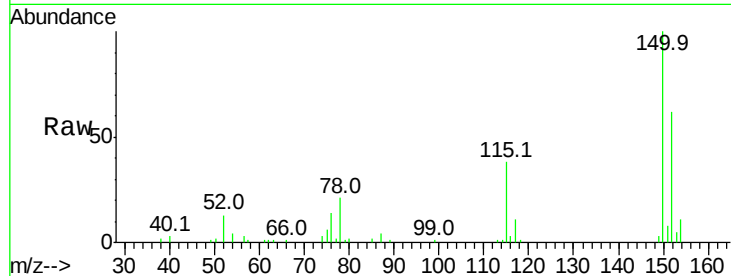


#1

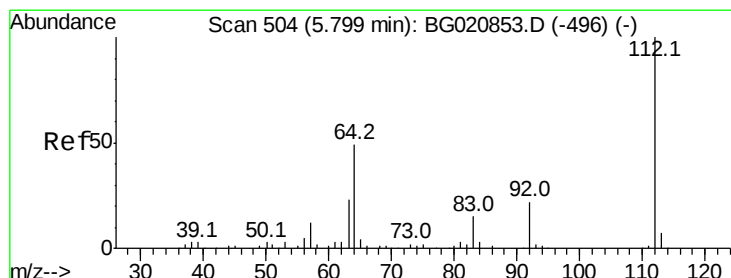
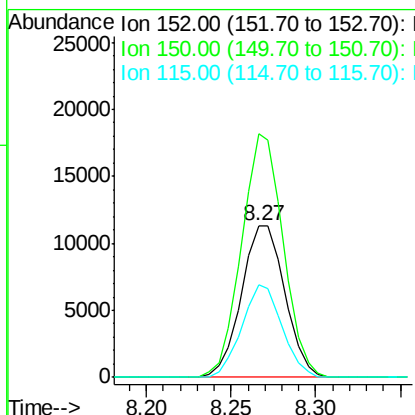
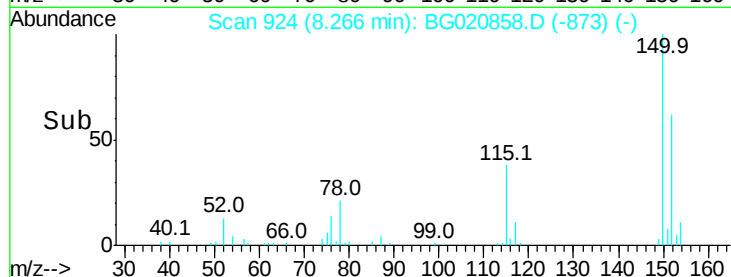
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG020858.D
Acq: 11 Feb 2016 16:11

Instrument :
BNA_G
ClientSampleID :
PB87600BL

Tot Ion:152 Resp: 20167
Ion Ratio Lower Upper
152 100
150 160.4 122.0 183.0
115 60.9 45.2 67.8



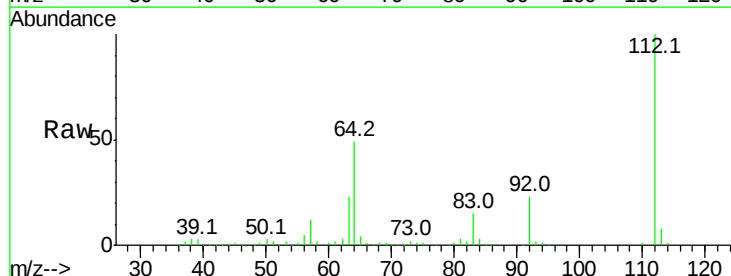
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



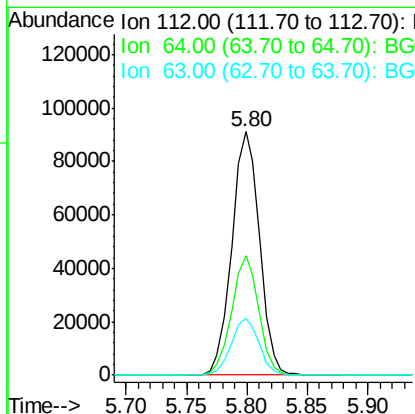
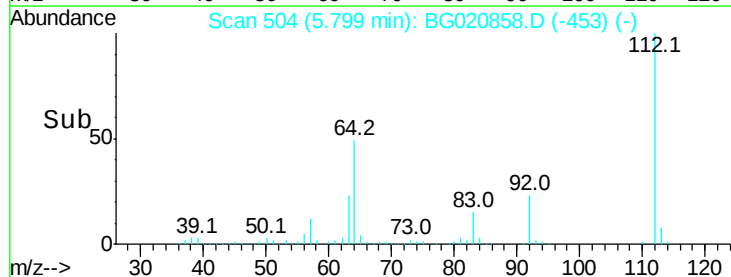
#5

2-Fluorophenol
Concen: 121.49 ng
RT: 5.80 min Scan# 504
Delta R.T. -0.00 min
Lab File: BG020858.D
Acq: 11 Feb 2016 16:11

Tgt Ion:112 Resp: 145488
Ion Ratio Lower Upper
112 100
64 48.9 39.3 58.9
63 23.2 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 114.52 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

Instrument :

BNA_G

ClientSampleId :

PB87600BL

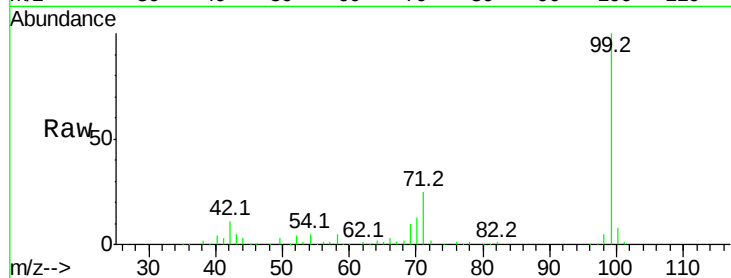
Tot Ion: 99 Resp: 200439

Ion Ratio Lower Upper

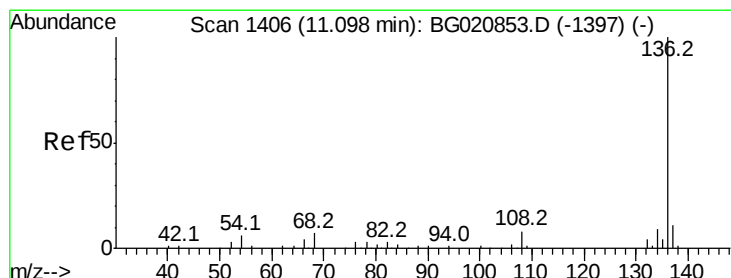
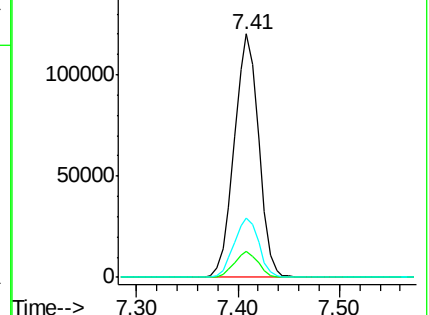
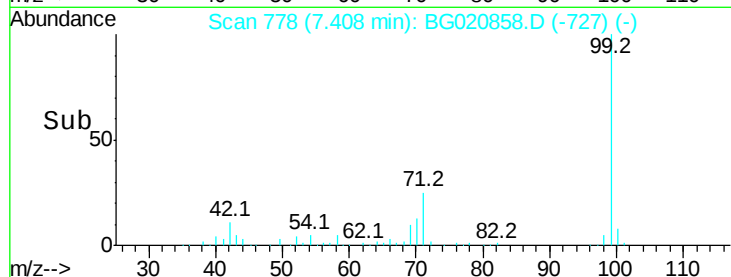
99 100

42 10.7 8.4 12.6

71 24.5 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: 11.10 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

Tgt Ion: 136 Resp: 97446

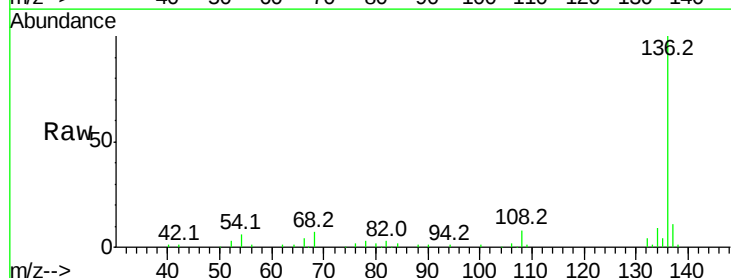
Ion Ratio Lower Upper

136 100

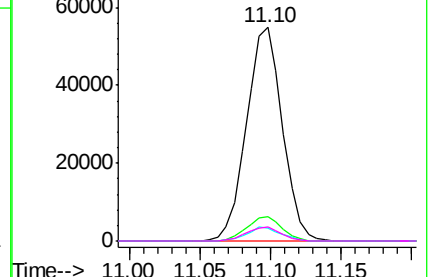
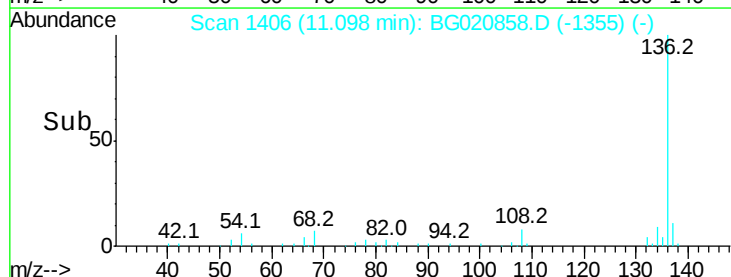
137 11.4 8.8 13.2

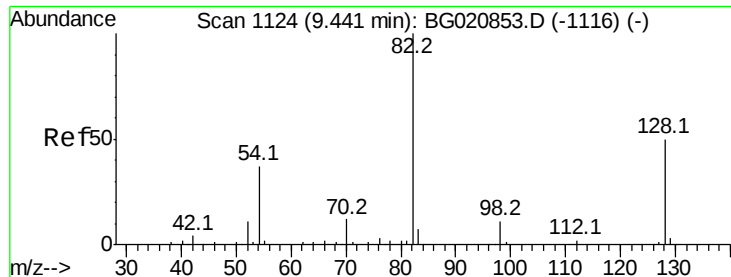
54 5.8 5.0 7.4

68 6.7 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: 73.68 ng

RT: 9.44 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

Instrument :

BNA_G

ClientSampleId :

PB87600BL

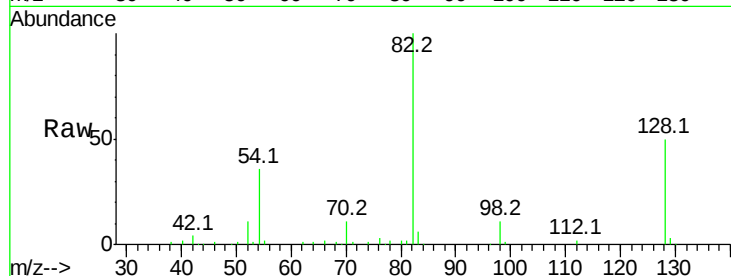
Tot Ion: 82 Resp: 109204

Ion Ratio Lower Upper

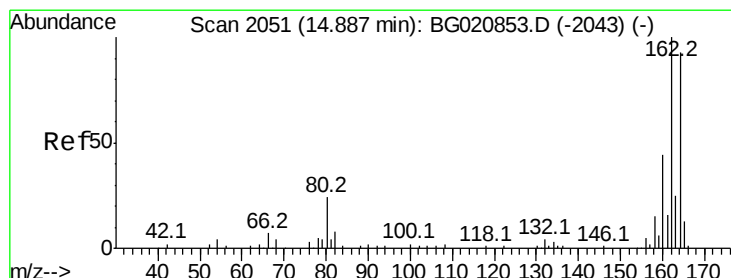
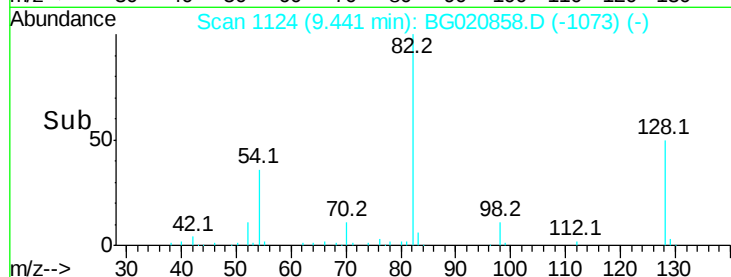
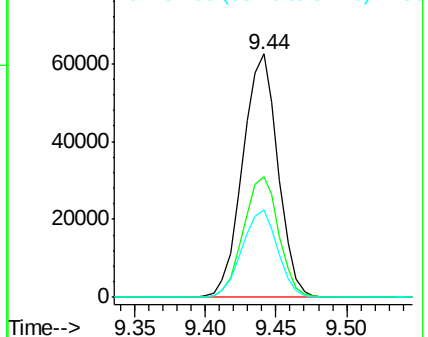
82 100

128 49.8 40.1 60.1

54 36.0 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. -0.01 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

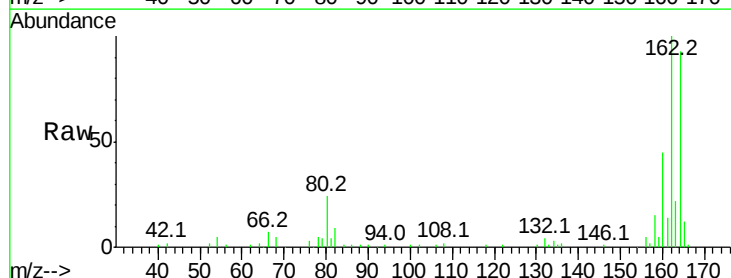
Tgt Ion:164 Resp: 62916

Ion Ratio Lower Upper

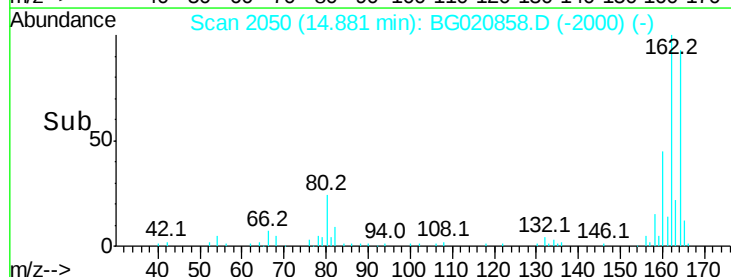
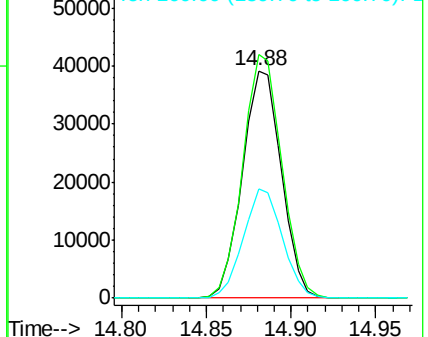
164 100

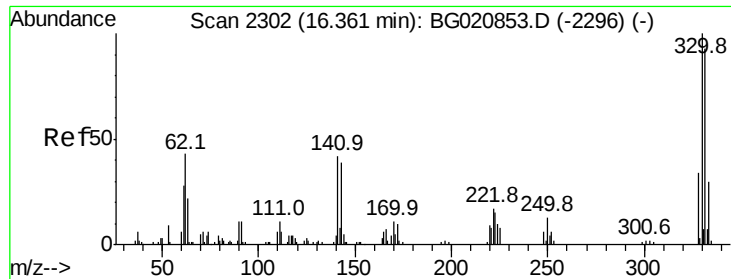
162 107.1 85.7 128.5

160 47.8 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: 124.38 ng

RT: 16.36 min Scan# 2302

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

Instrument :

BNA_G

ClientSampleId :

PB87600BL

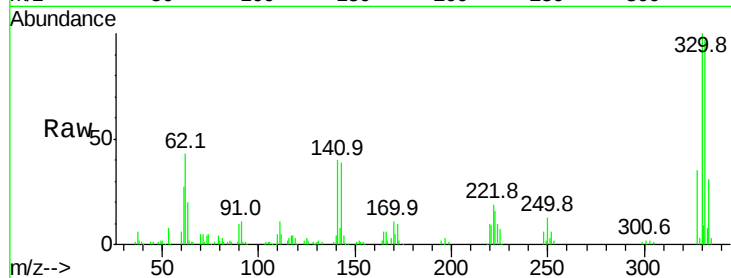
Tot Ion:330 Resp: 76958

Ion Ratio Lower Upper

330 100

332 96.0 76.1 114.1

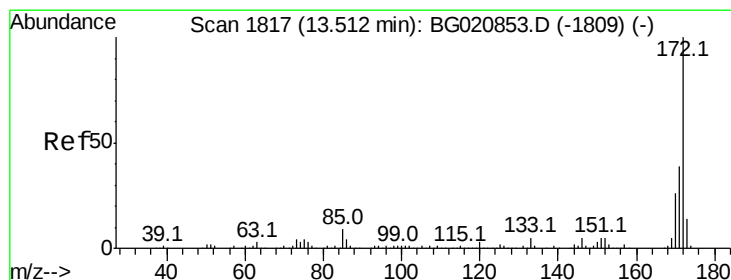
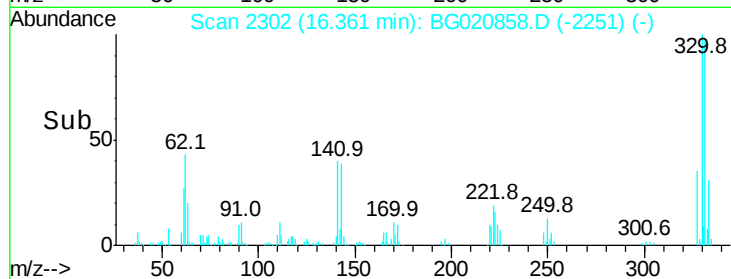
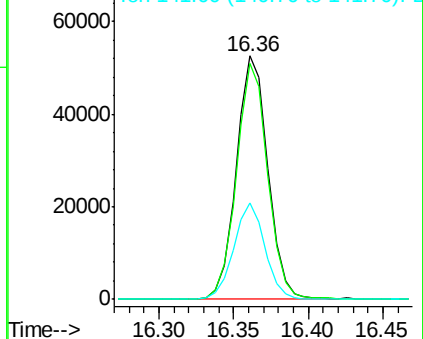
141 39.2 32.0 48.0



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: 69.63 ng

RT: 13.51 min Scan# 1817

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

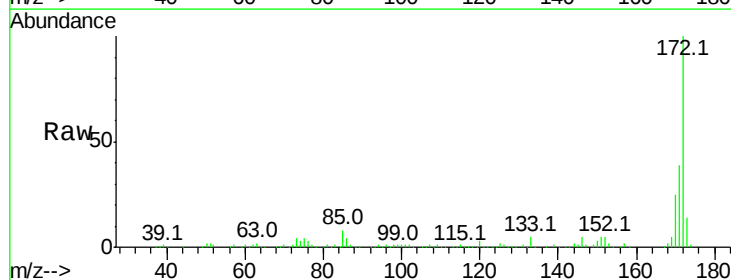
Tgt Ion:172 Resp: 311862

Ion Ratio Lower Upper

172 100

171 39.3 31.2 46.8

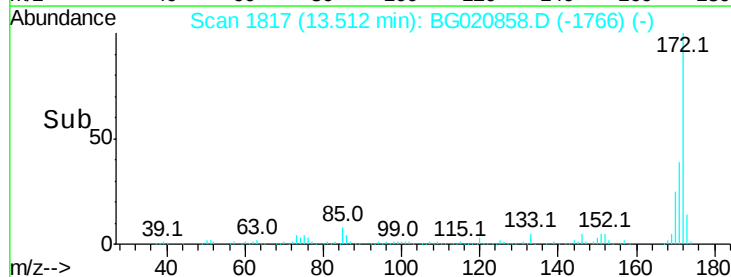
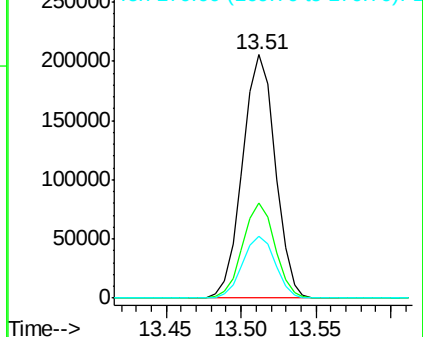
170 25.3 20.6 30.8

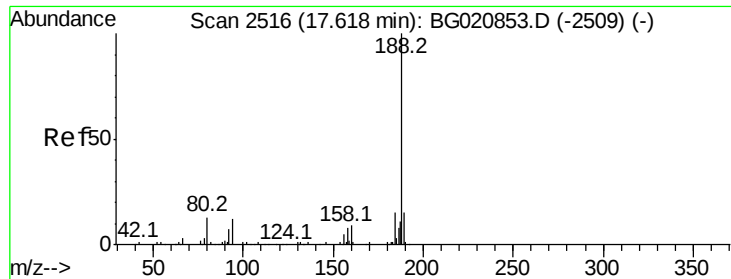


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

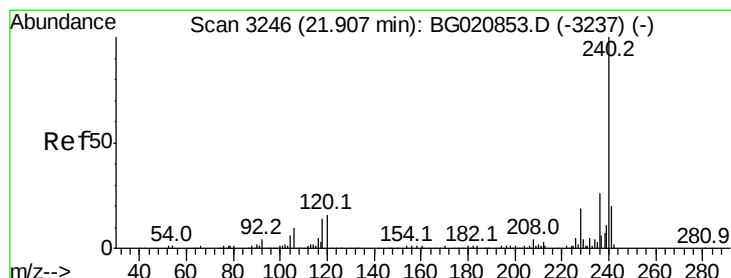
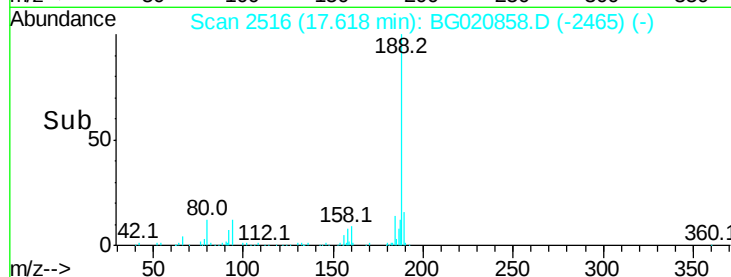
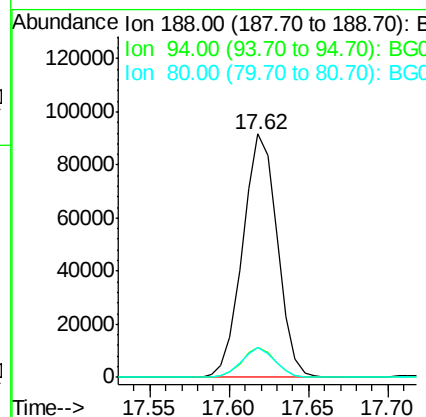
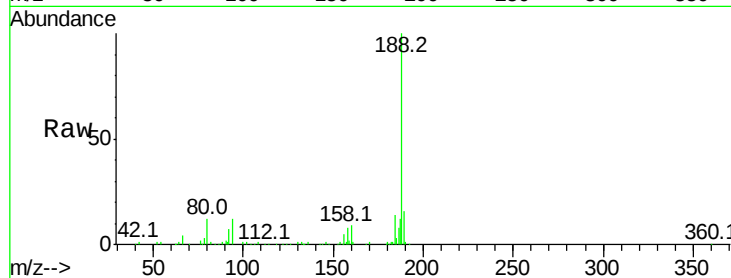




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.62 min Scan# 2516
Delta R.T. -0.00 min
Lab File: BG020858.D
Acq: 11 Feb 2016 16:11

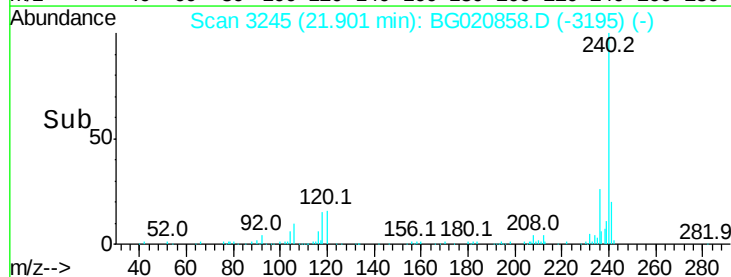
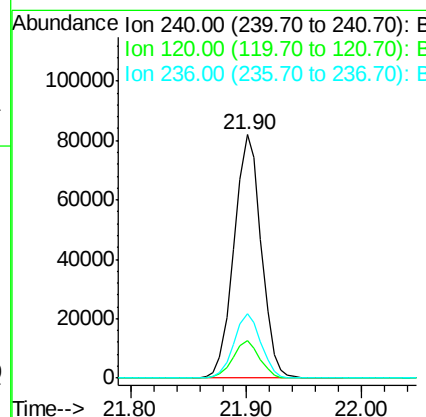
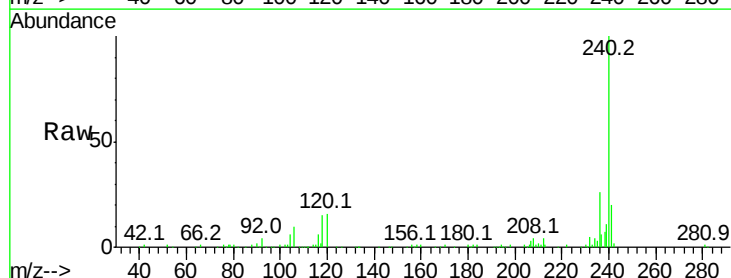
Instrument :
BNA_G
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PB87600BL

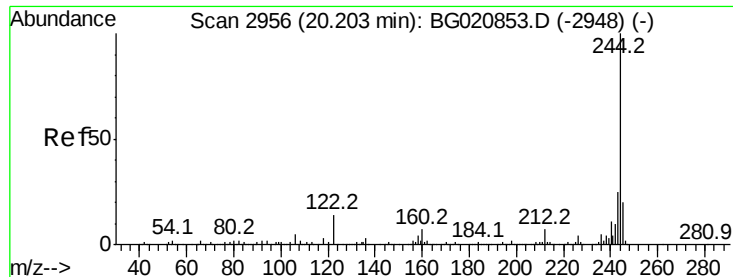
Tot Ion:188 Resp: 138477
Ion Ratio Lower Upper
188 100
94 12.1 9.4 14.0
80 12.3 10.2 15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.90 min Scan# 3245
Delta R.T. -0.01 min
Lab File: BG020858.D
Acq: 11 Feb 2016 16:11

Tgt Ion:240 Resp: 133344
Ion Ratio Lower Upper
240 100
120 15.5 13.0 19.4
236 26.4 21.0 31.4





#78

Terphenyl-d14

Concen: 78.86 ng

RT: 20.20 min Scan# 2956

Delta R.T. -0.00 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

Instrument :

BNA_G

ClientSampleId :

PB87600BL

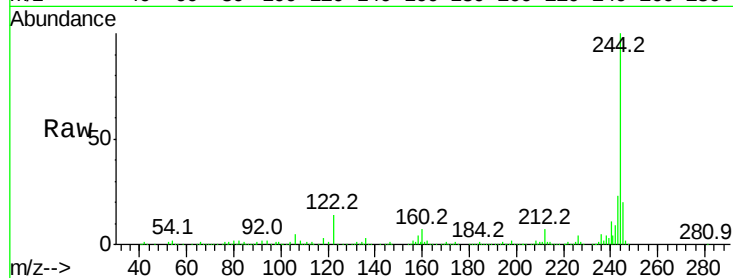
Tot Ion:244 Resp: 450754

Ion Ratio Lower Upper

244 100

212 6.8 5.5 8.3

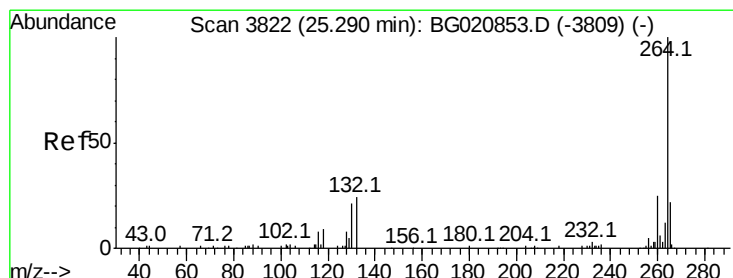
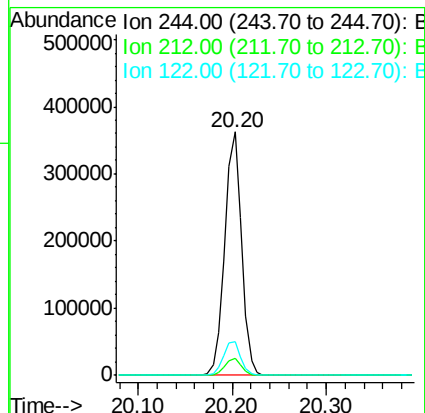
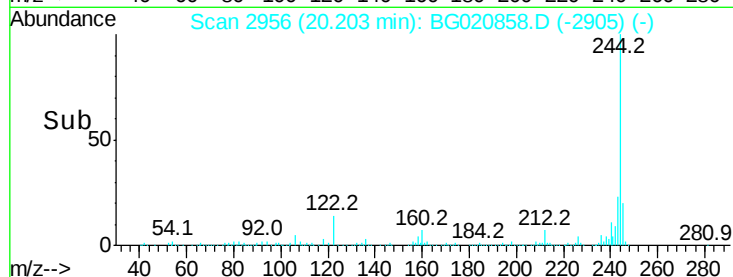
122 13.6 11.4 17.2



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# 3821

Delta R.T. -0.01 min

Lab File: BG020858.D

Acq: 11 Feb 2016 16:11

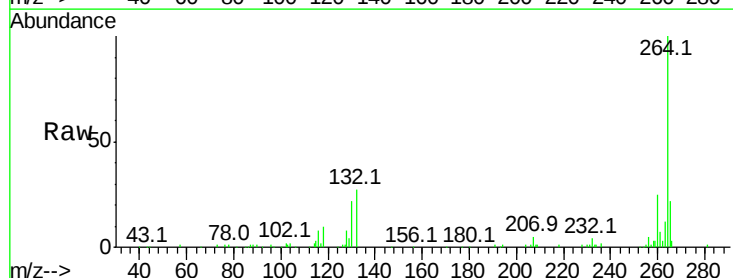
Tgt Ion:264 Resp: 122886

Ion Ratio Lower Upper

264 100

260 24.6 19.9 29.9

265 21.8 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

