

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020937.D
 Acq On : 18 Feb 2016 15:55
 Operator : SJ/UM
 Sample : PB88335BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:45:54 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	8.26	152	16846	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	82241	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	53854	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	127328	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	118459	20.00	ng	-0.02
86) Perylene-d12	25.25	264	109314	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	154994	154.94	ng	0.00
7) Phenol-d6	7.40	99	215354	147.29	ng	0.00
23) Nitrobenzene-d5	9.43	82	114772	91.76	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	86762	163.83	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	328522	85.69	ng	-0.01
78) Terphenyl-d14	20.19	244	472553	93.06	ng	-0.02

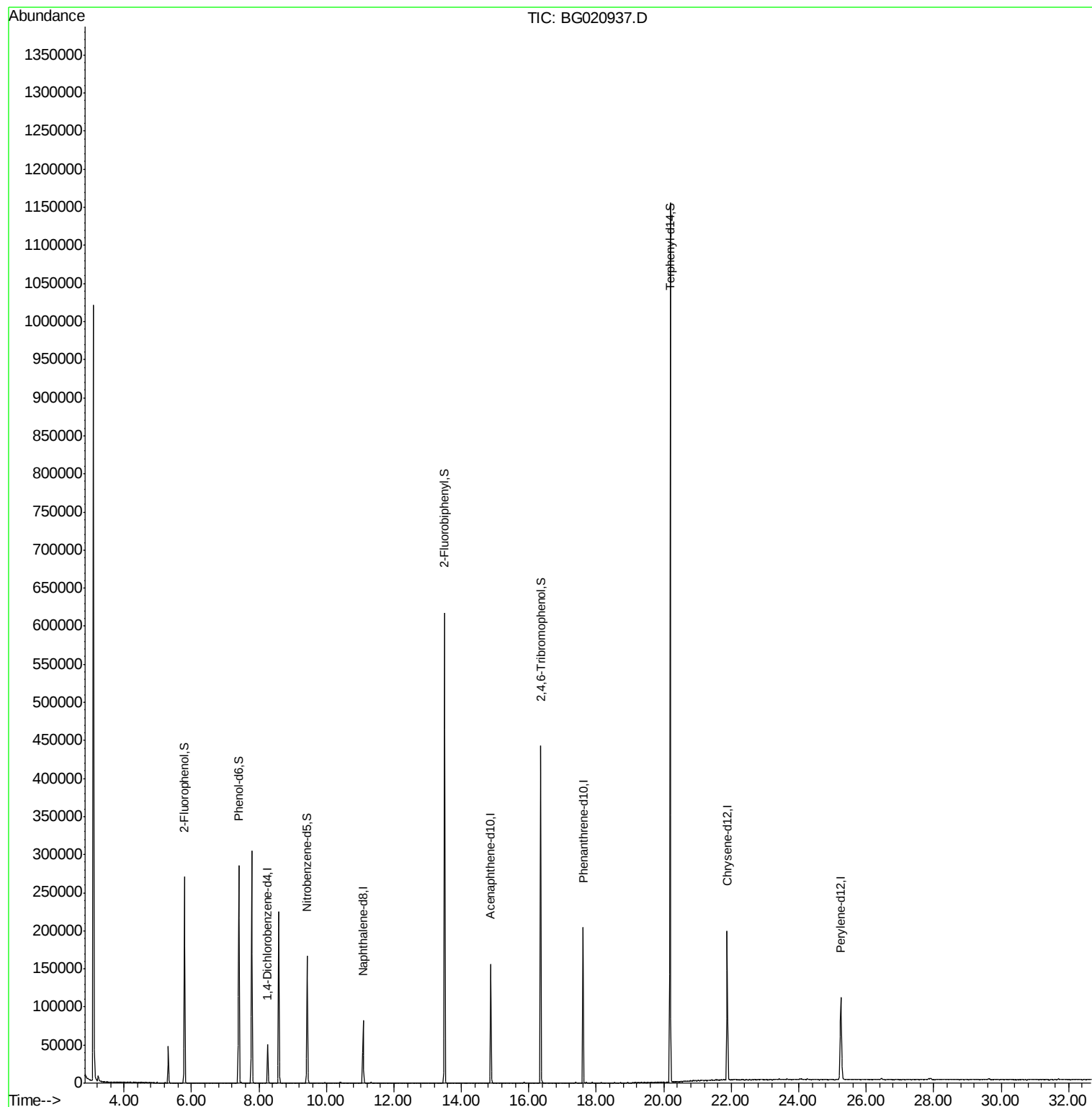
Target Compounds Qvalue

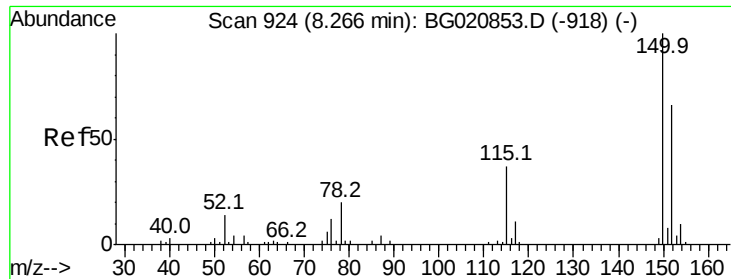
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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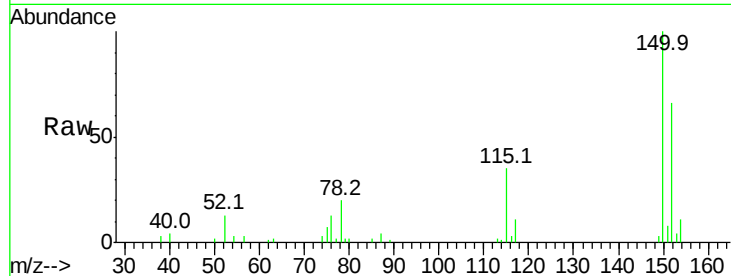


#1

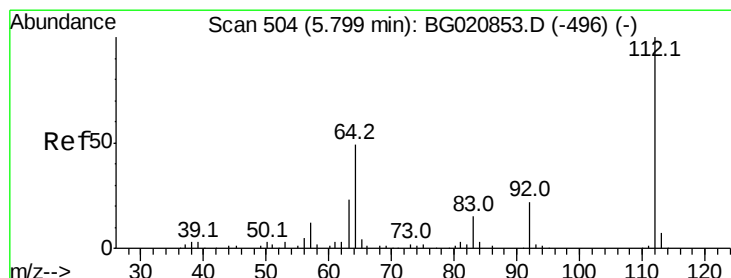
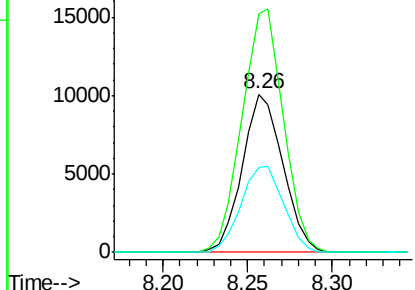
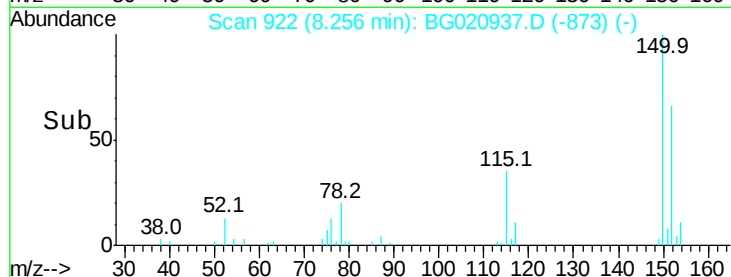
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020937.D
Acq: 18 Feb 2016 15:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 16846
Ion Ratio Lower Upper
152 100
150 151.0 122.0 183.0
115 53.5 45.2 67.8



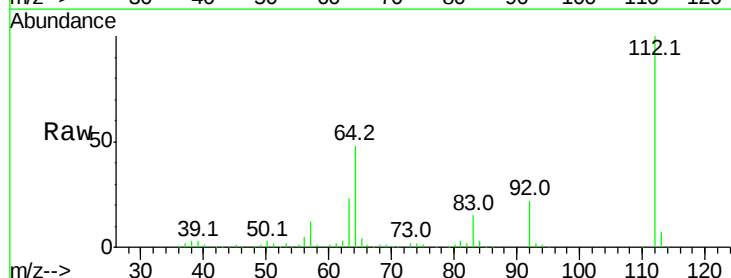
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



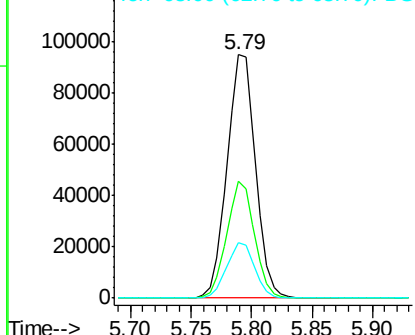
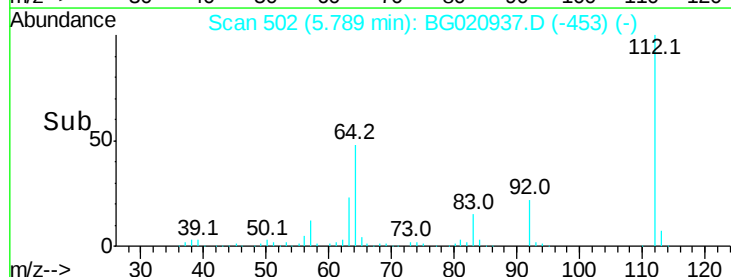
#5

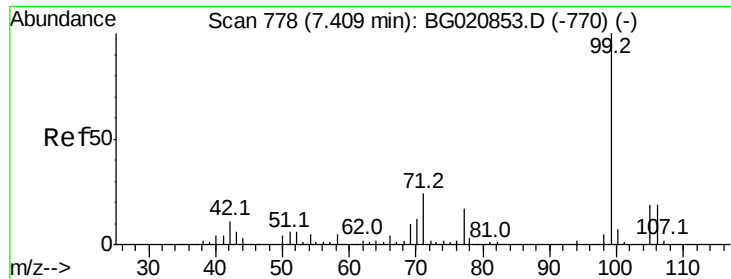
2-Fluorophenol
Concen: 154.94 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020937.D
Acq: 18 Feb 2016 15:55

Tgt Ion:112 Resp: 154994
Ion Ratio Lower Upper
112 100
64 47.9 39.3 58.9
63 22.6 18.2 27.4



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: 147.29 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.00 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

Instrument :

BNA_G

ClientSampleId :

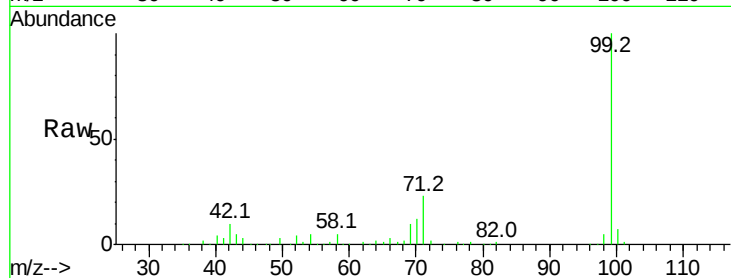
Tot Ion: 99 Resp: 215354

Ion Ratio Lower Upper

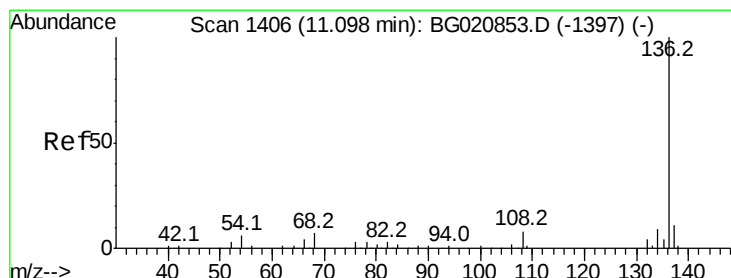
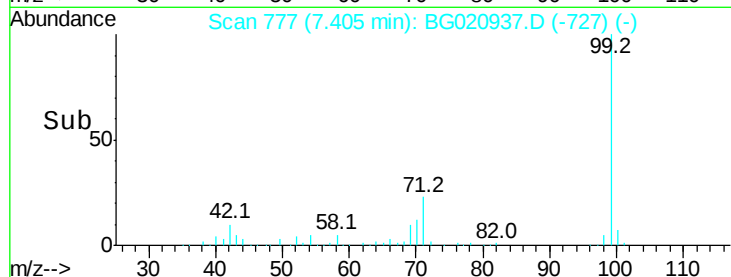
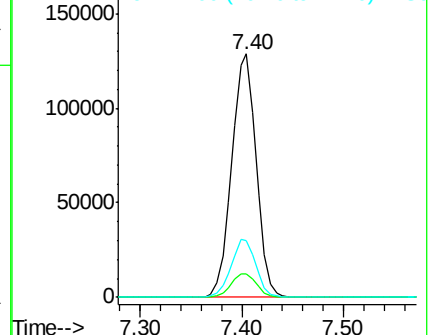
99 100

42 9.8 8.4 12.6

71 23.5 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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

Tgt Ion: 136 Resp: 82241

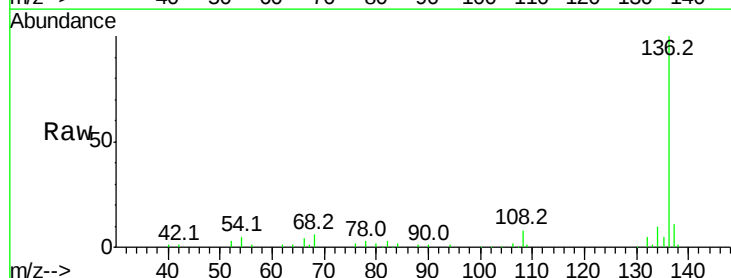
Ion Ratio Lower Upper

136 100

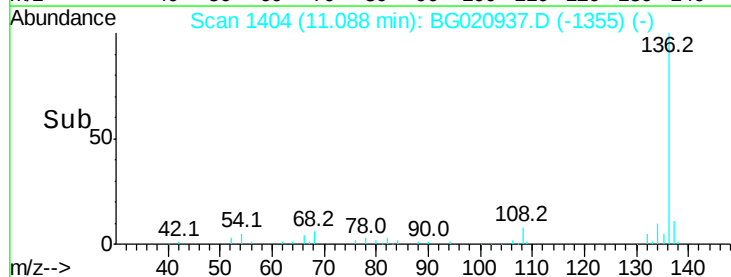
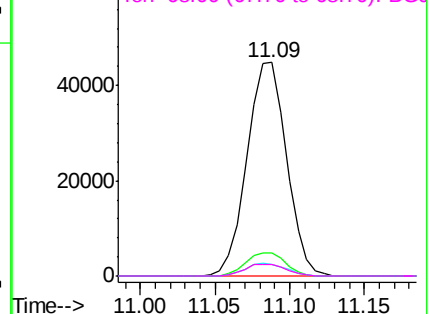
137 10.7 8.8 13.2

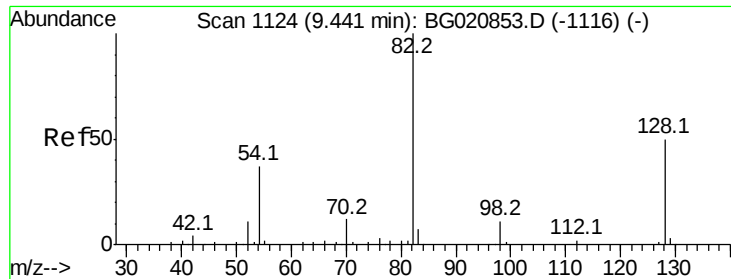
54 5.3 5.0 7.4

68 5.6 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: 91.76 ng

RT: 9.43 min Scan# 1122

Delta R.T. -0.01 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

Instrument :

BNA_G

ClientSampled :

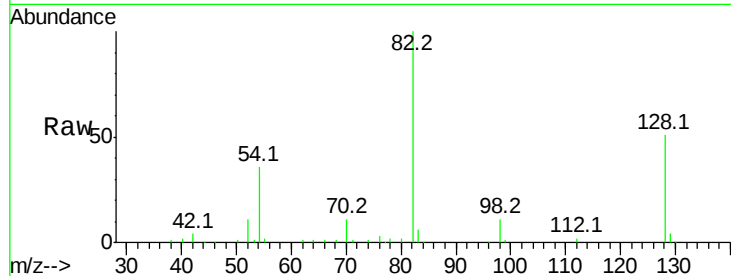
Tot Ion: 82 Resp: 114772

Ion Ratio Lower Upper

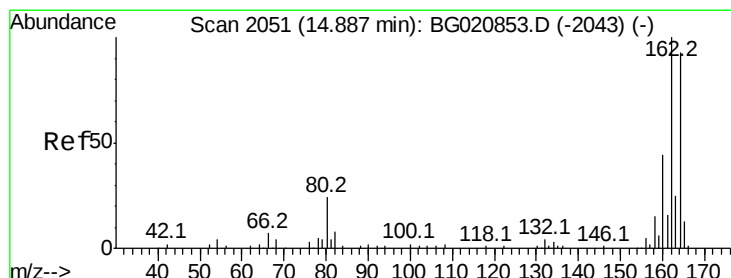
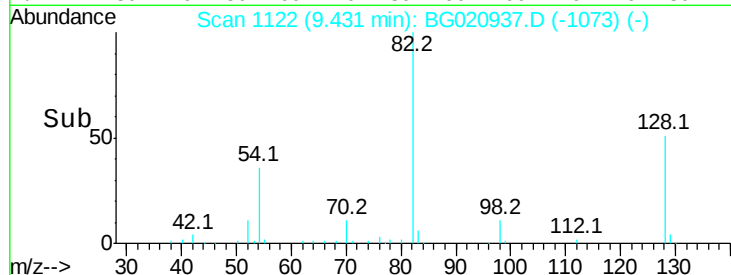
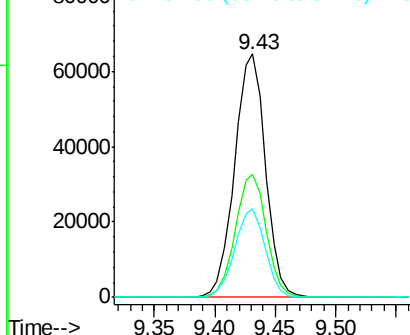
82 100

128 50.6 40.1 60.1

54 36.4 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: 14.87 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

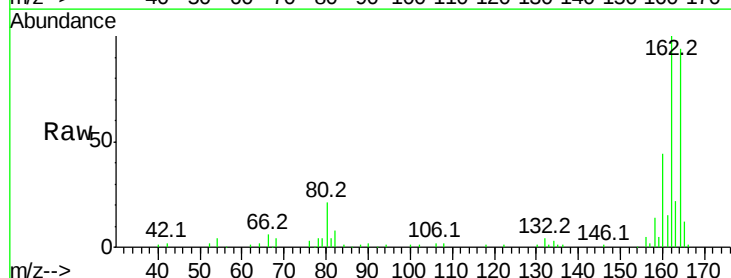
Tgt Ion:164 Resp: 53854

Ion Ratio Lower Upper

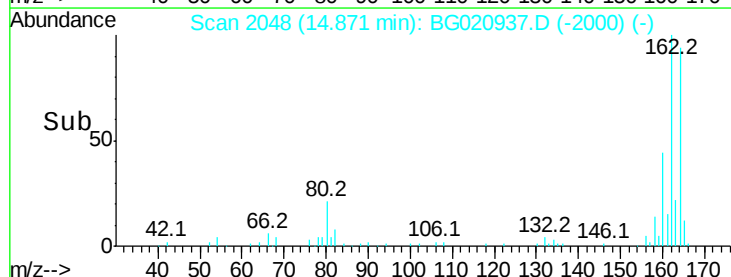
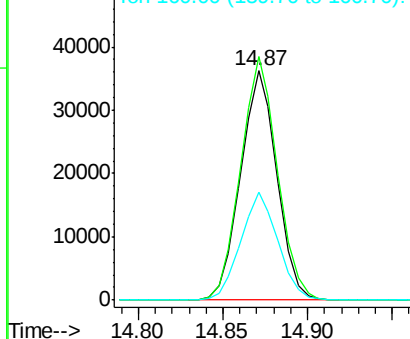
164 100

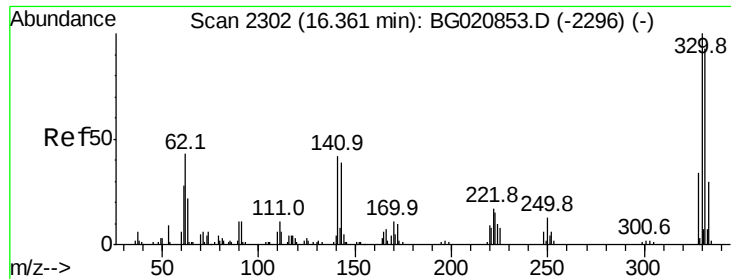
162 106.2 85.7 128.5

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

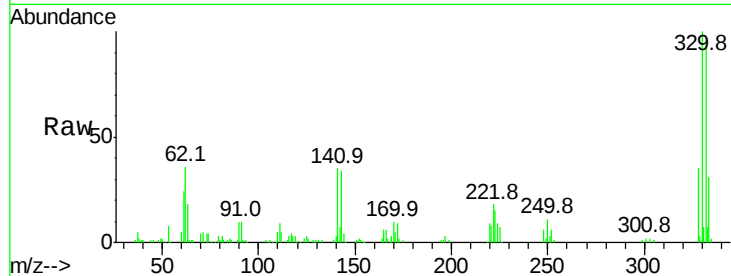




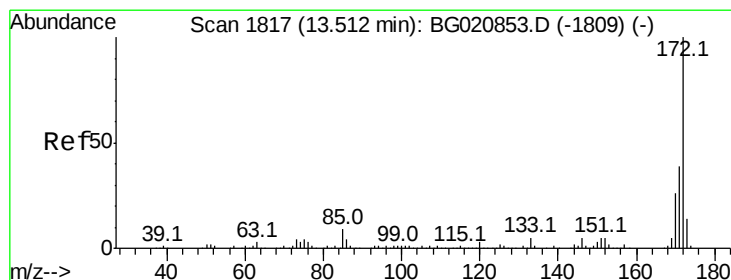
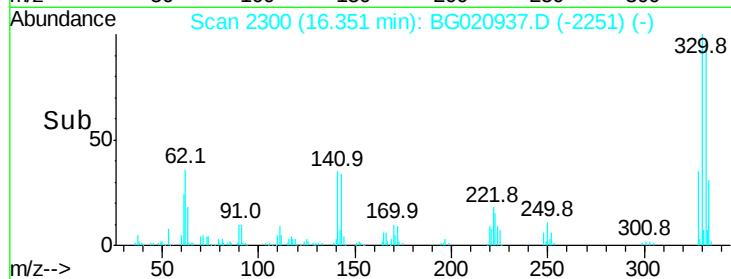
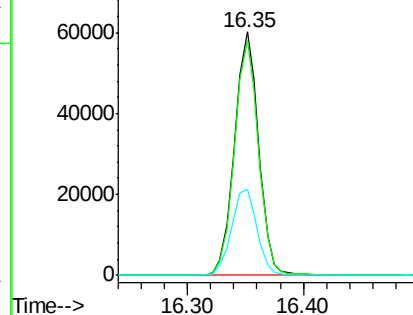
#41
 2,4,6-Tribromophenol
 Concen: 163.83 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020937.D
 Acq: 18 Feb 2016 15:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 86762
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.1 114.1
 141 37.3 32.0 48.0

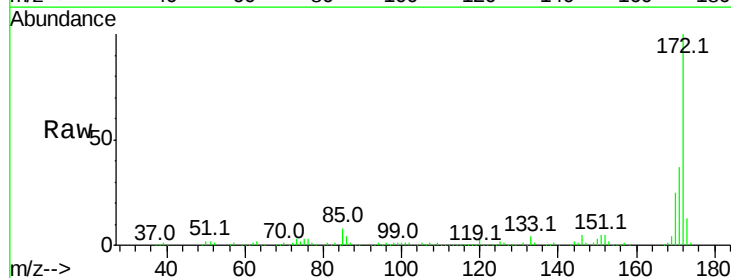


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

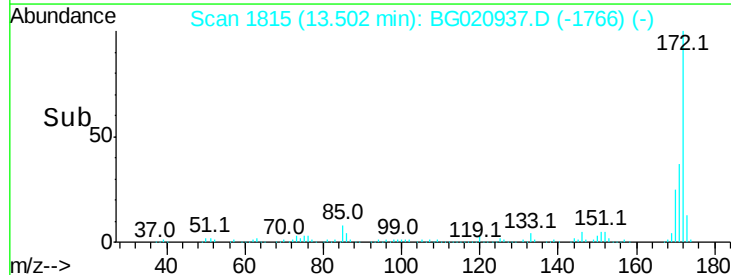
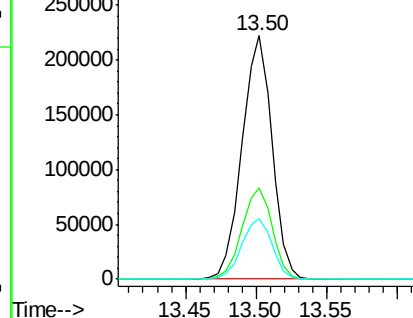


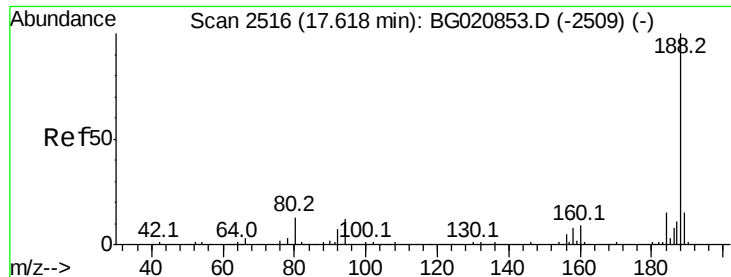
#44
 2-Fluorobiphenyl
 Concen: 85.69 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020937.D
 Acq: 18 Feb 2016 15:55

Tgt Ion:172 Resp: 328522
 Ion Ratio Lower Upper
 172 100
 171 37.4 31.2 46.8
 170 24.7 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

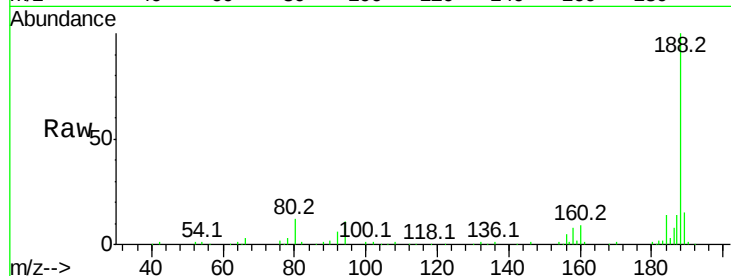




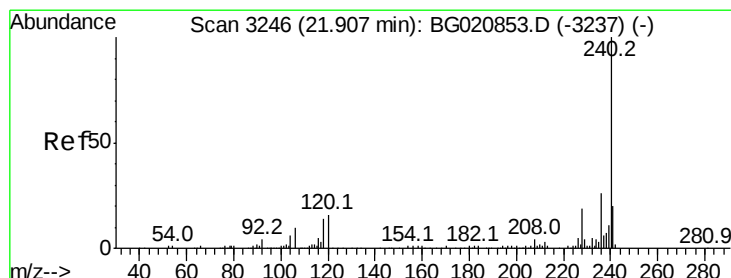
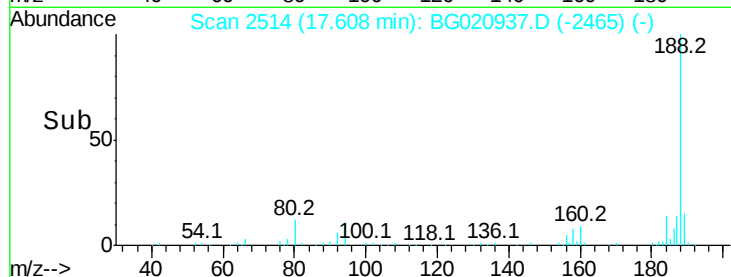
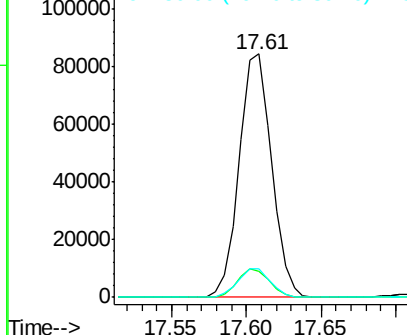
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020937.D
Acq: 18 Feb 2016 15:55

Instrument :
BNA_G
ClientSampled :

Tot Ion:188 Resp: 127328
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.0
80 11.7 10.2 15.4

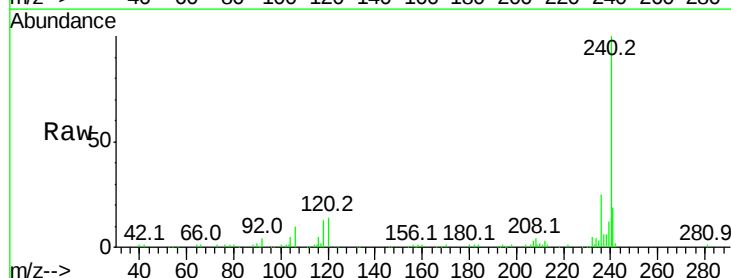


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

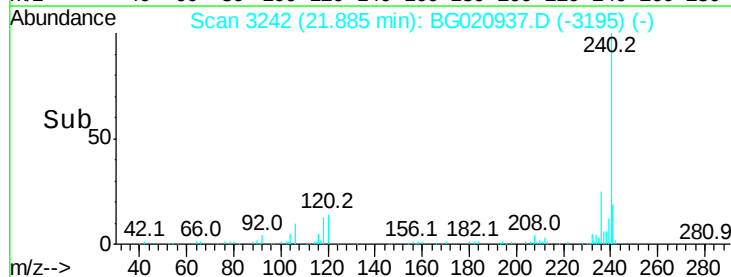
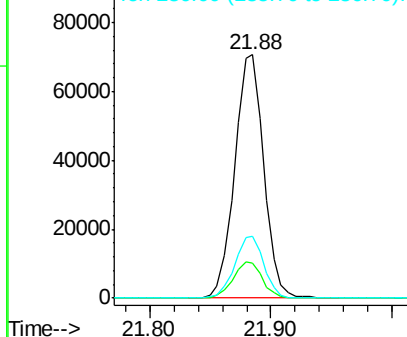


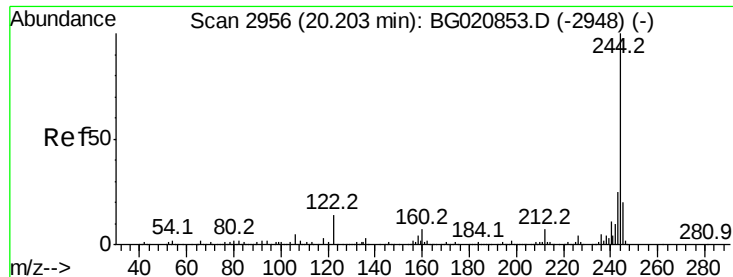
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020937.D
Acq: 18 Feb 2016 15:55

Tgt Ion:240 Resp: 118459
Ion Ratio Lower Upper
240 100
120 14.2 13.0 19.4
236 25.4 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





#78

Terphenyl-d14

Concen: 93.06 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

Instrument :

BNA_G

ClientSampled :

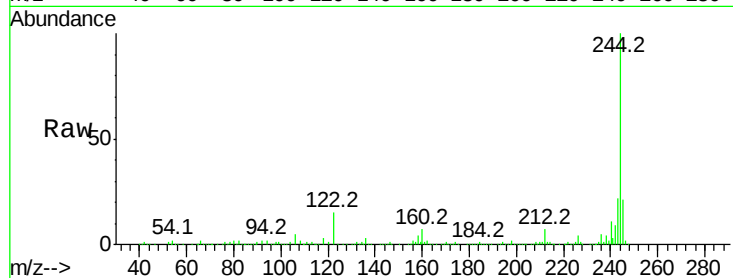
Tot Ion:244 Resp: 472553

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

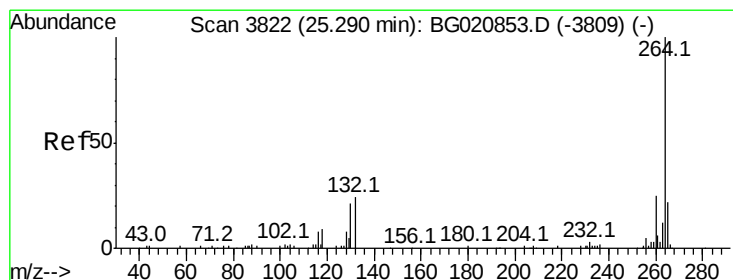
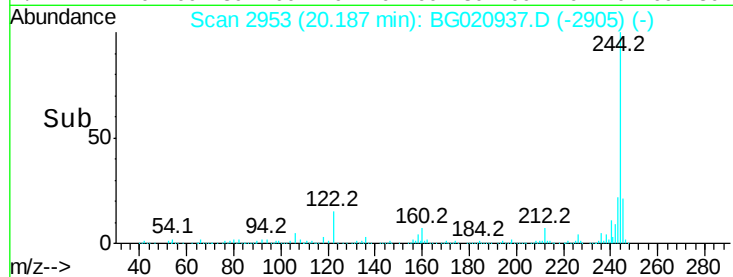
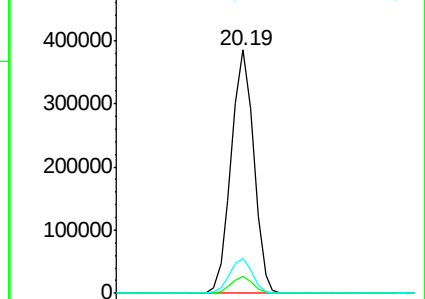
122 14.5 11.4 17.2



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: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020937.D

Acq: 18 Feb 2016 15:55

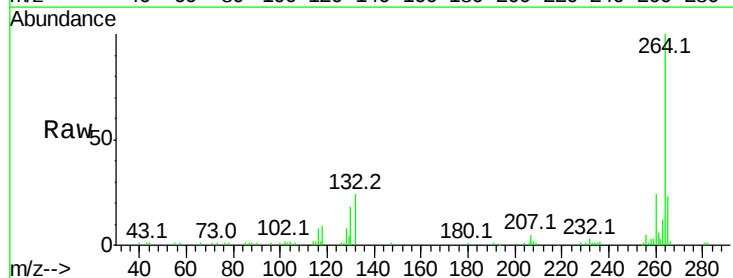
Tgt Ion:264 Resp: 109314

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 22.6 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

