

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041416\
 Data File : BG021677.D
 Acq On : 15 Apr 2016 8:06
 Operator : UM/SJ
 Sample : PB89730BL
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BL

Quant Time: Apr 15 14:39:24 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG041316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 15:48:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	26295	20.00	ng	0.00
21) Naphthalene-d8	11.03	136	124818	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	90476	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	214790	20.00	ng	0.00
75) Chrysene-d12	21.82	240	235344	20.00	ng	-0.01
86) Perylene-d12	25.15	264	230320	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	195748	123.97	ng	0.00
7) Phenol-d6	7.36	99	296890	125.87	ng	0.00
23) Nitrobenzene-d5	9.39	82	173039	71.26	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	119452	122.50	ng	0.00
44) 2-Fluorobiphenyl	13.45	172	443339	71.79	ng	0.00
78) Terphenyl-d14	20.14	244	689732	73.13	ng	0.00

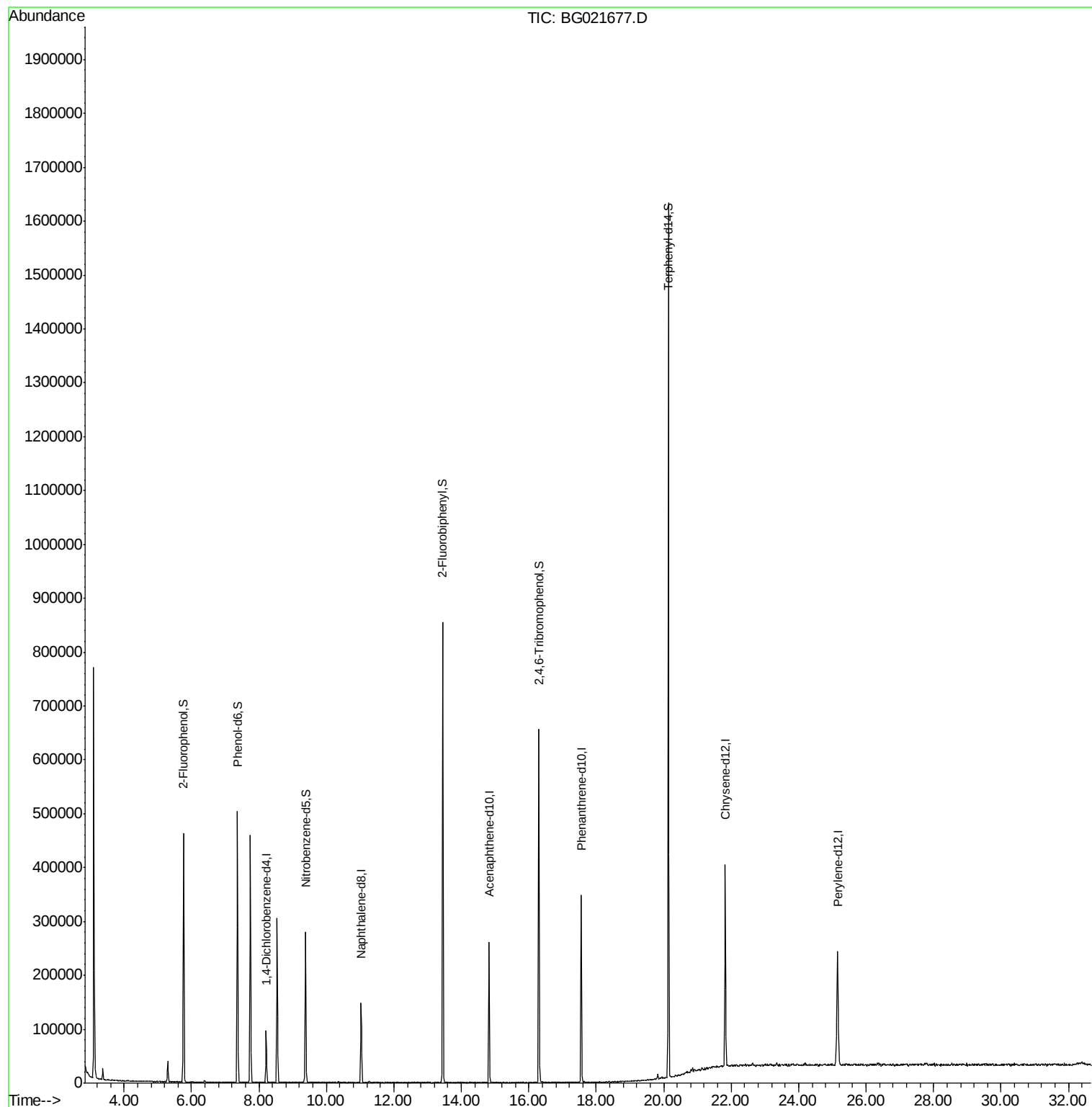
Target Compounds	Qvalue
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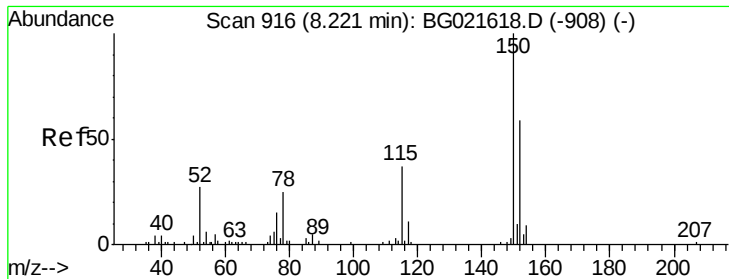
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.22 min Scan# 915

Delta R.T. -0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

Instrument :

BNA_G

ClientSampleId :

PB89730BL

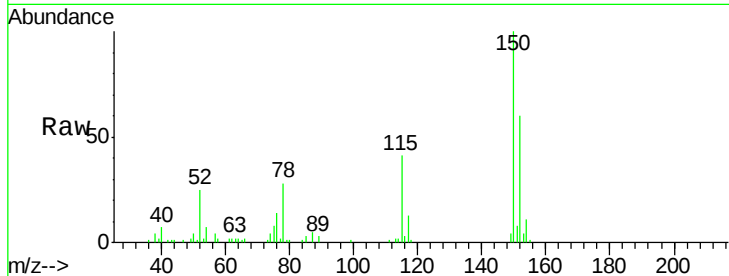
Tgt Ion:152 Resp: 26295

Ion Ratio Lower Upper

152 100

150 166.0 130.1 195.1

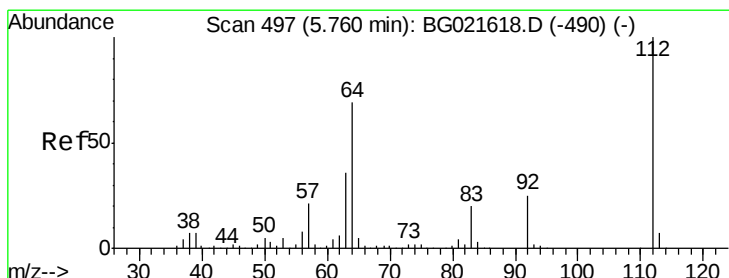
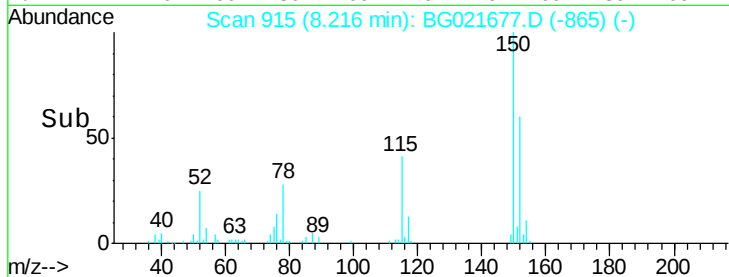
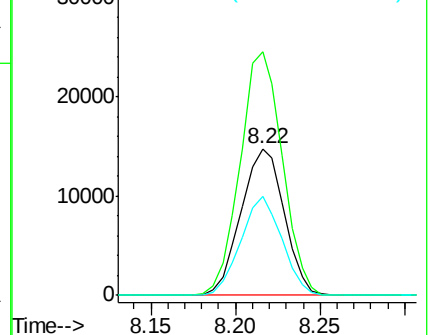
115 67.2 62.2 93.2



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: 123.97 ng

RT: 5.77 min Scan# 498

Delta R.T. 0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

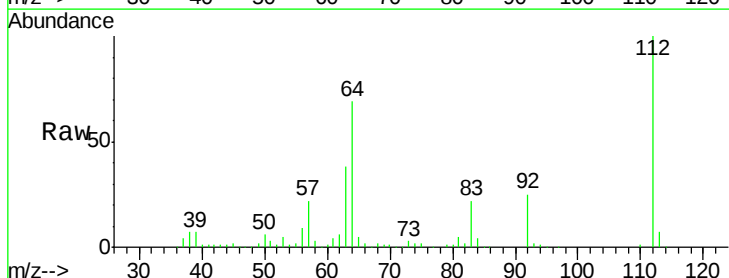
Tgt Ion:112 Resp: 195748

Ion Ratio Lower Upper

112 100

64 68.9 51.1 76.7

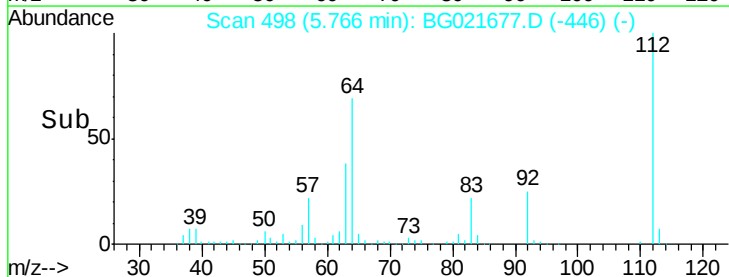
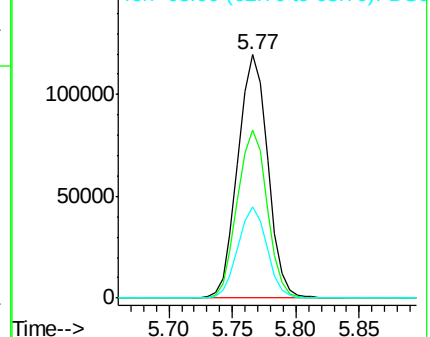
63 37.5 24.6 37.0#

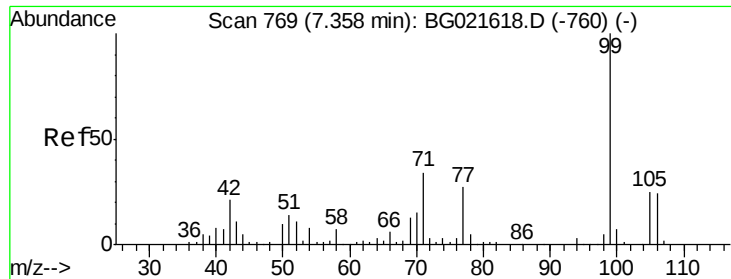


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 125.87 ng

RT: 7.36 min Scan# 770

Delta R.T. 0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

Instrument :

BNA_G

ClientSampleId :

PB89730BL

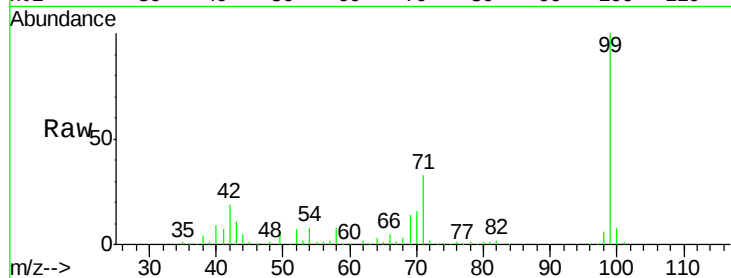
Tgt Ion: 99 Resp: 296890

Ion Ratio Lower Upper

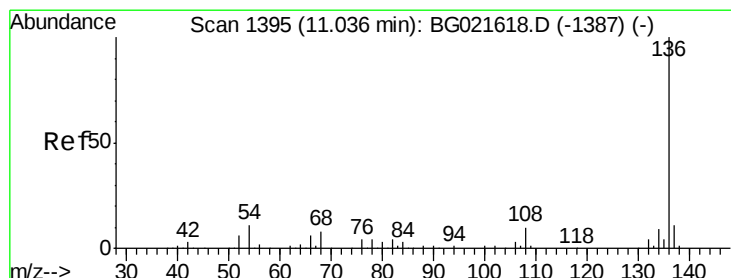
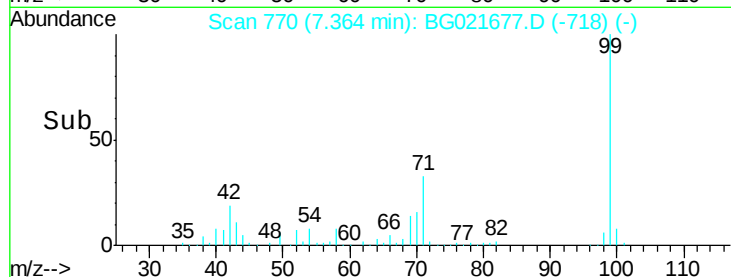
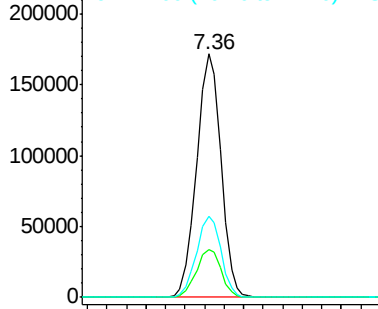
99 100

42 19.4 16.4 24.6

71 33.4 25.0 37.4



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: 11.03 min Scan# 1394

Delta R.T. -0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

Tgt Ion: 136 Resp: 124818

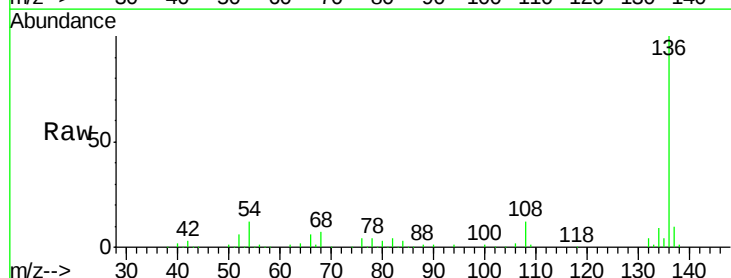
Ion Ratio Lower Upper

136 100

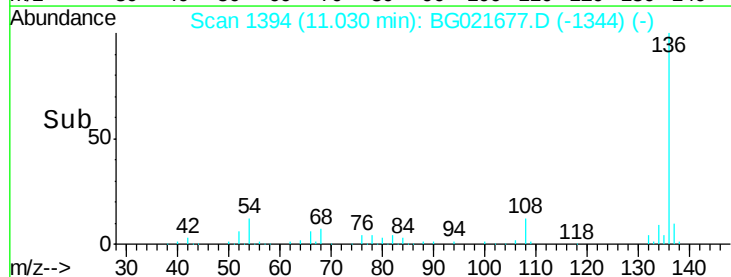
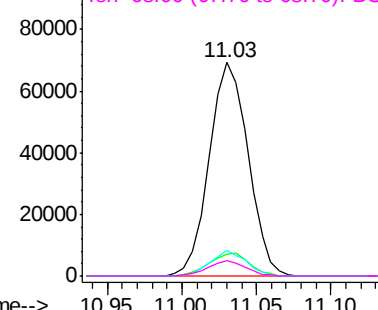
137 10.4 9.0 13.4

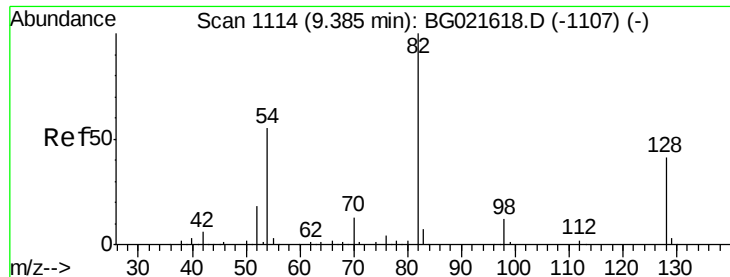
54 11.8 9.6 14.4

68 7.2 6.4 9.6



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: 71.26 ng

RT: 9.39 min Scan# 1114

Delta R.T. 0.00 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

Instrument :

BNA_G

ClientSampleId :

PB89730BL

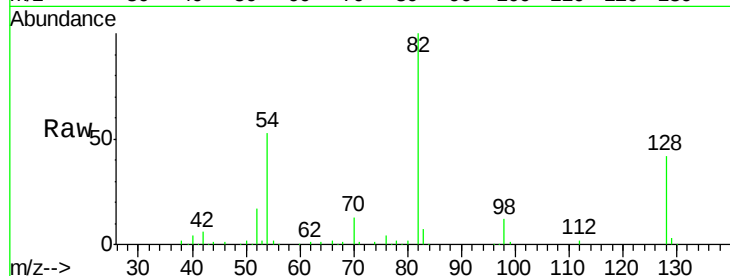
Tgt Ion: 82 Resp: 173039

Ion Ratio Lower Upper

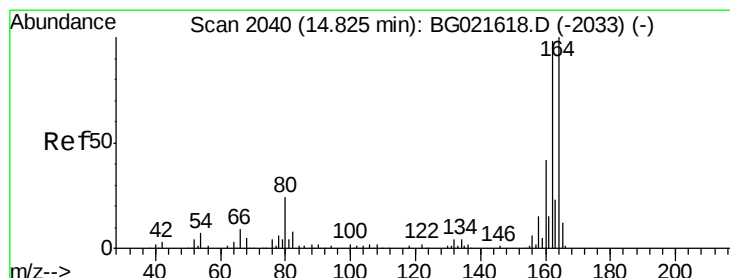
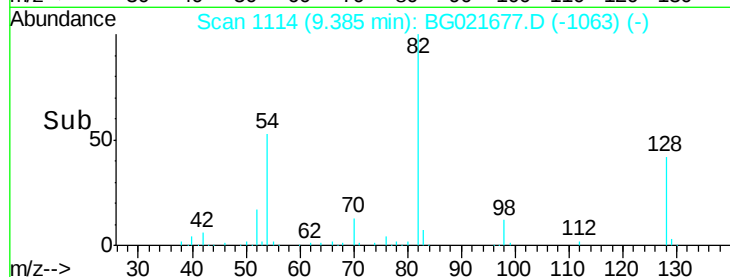
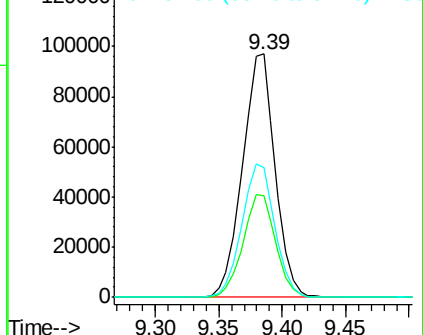
82 100

128 41.6 33.4 50.0

54 53.3 46.1 69.1



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: 14.82 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

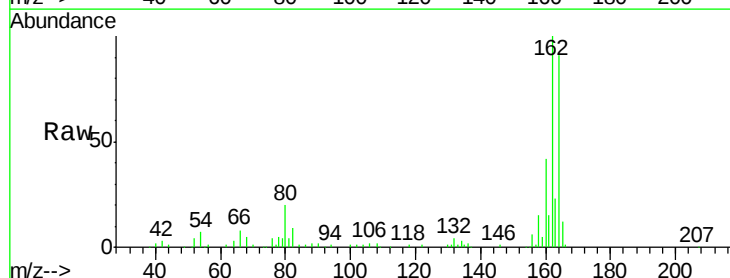
Tgt Ion: 164 Resp: 90476

Ion Ratio Lower Upper

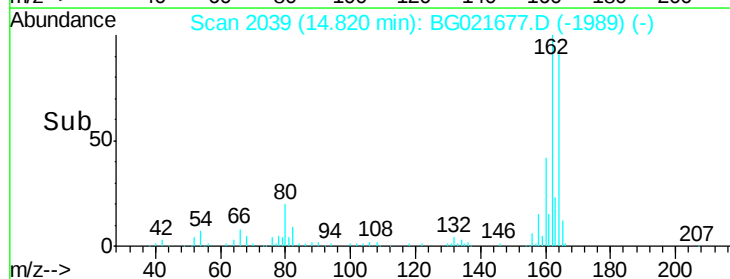
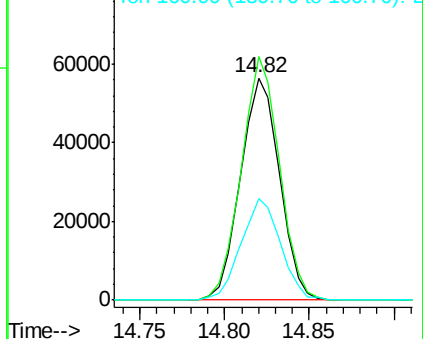
164 100

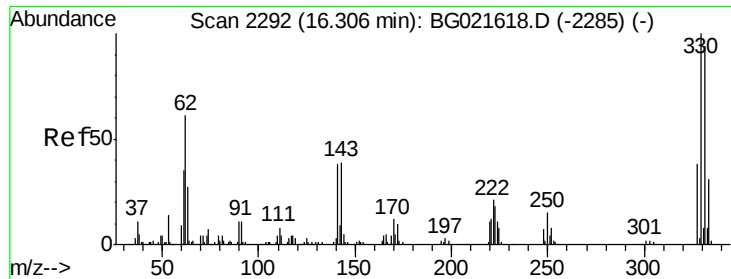
162 109.7 78.0 117.0

160 45.6 32.9 49.3



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

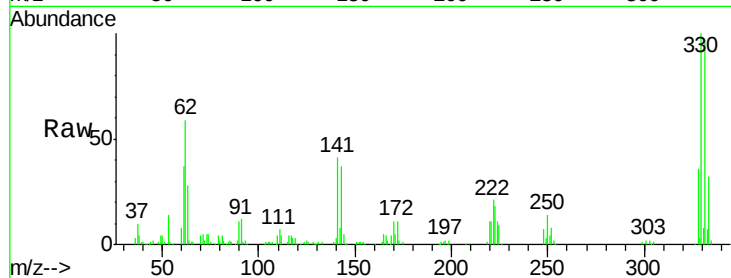




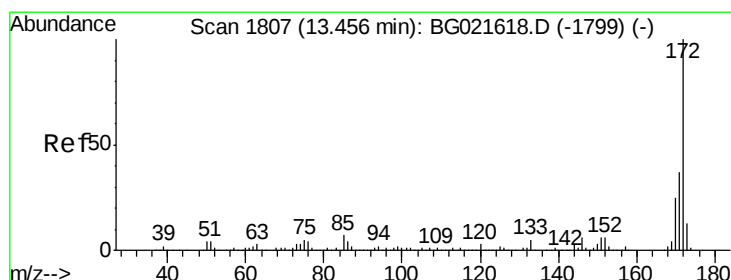
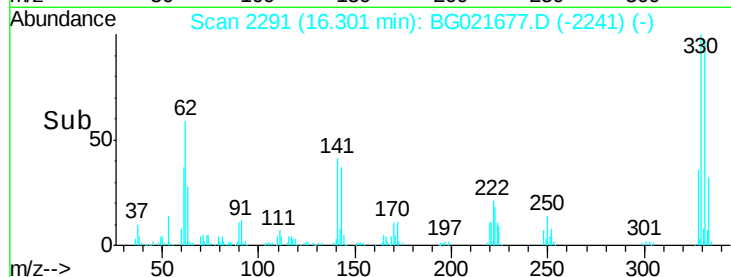
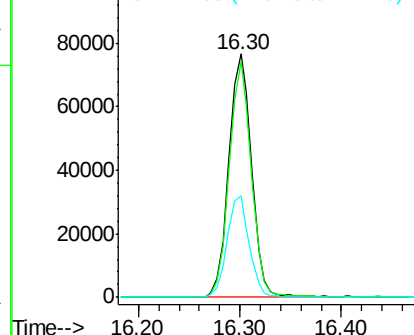
#41
 2,4,6-Tribromophenol
 Concen: 122.50 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BG021677.D
 Acq: 15 Apr 2016 8:06

Instrument :
 BNA_G
 ClientSampleId :
 PB89730BL

Tgt Ion: 330 Resp: 119452
 Ion Ratio Lower Upper
 330 100
 332 94.1 78.0 117.0
 141 40.2 33.8 50.8

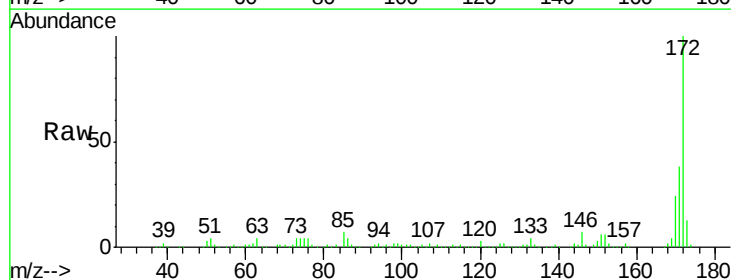


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

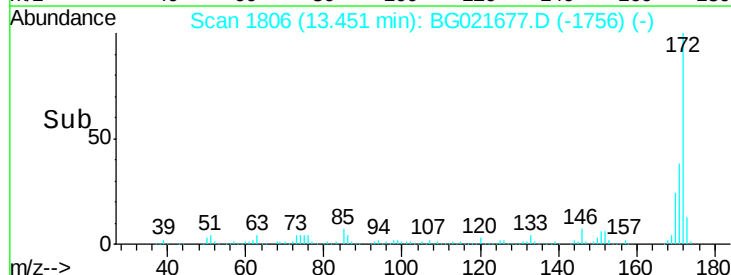
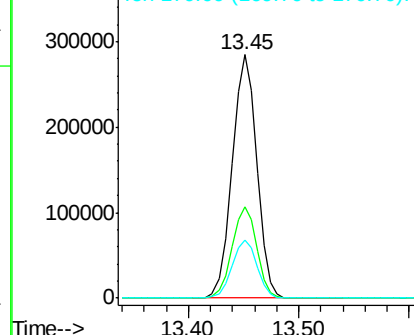


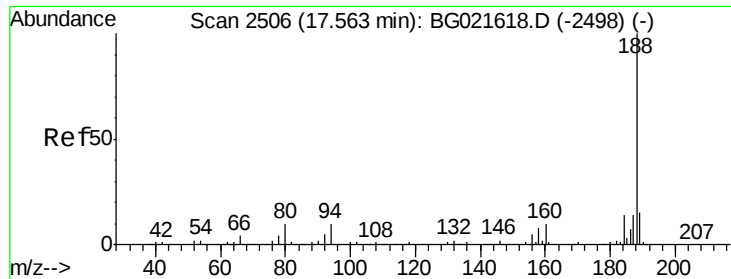
#44
 2-Fluorobiphenyl
 Concen: 71.79 ng
 RT: 13.45 min Scan# 1806
 Delta R.T. -0.01 min
 Lab File: BG021677.D
 Acq: 15 Apr 2016 8:06

Tgt Ion: 172 Resp: 443339
 Ion Ratio Lower Upper
 172 100
 171 37.7 27.8 41.6
 170 24.1 19.6 29.4



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

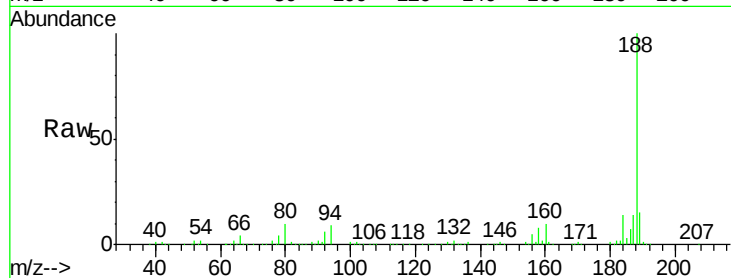




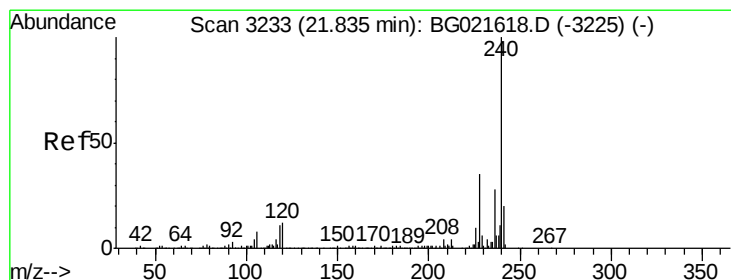
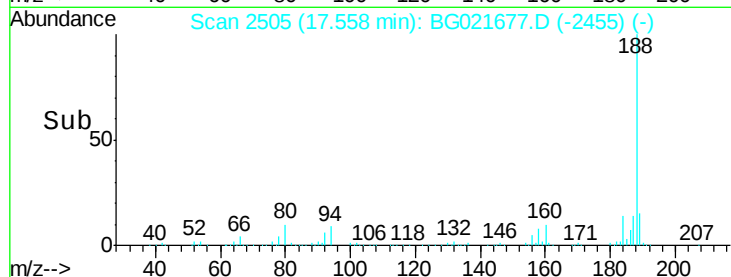
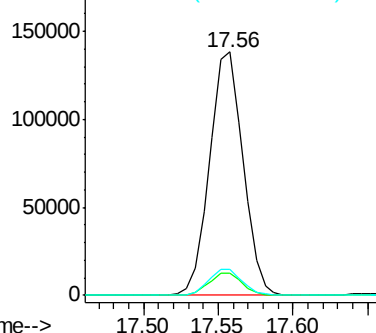
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.01 min
Lab File: BG021677.D
Acq: 15 Apr 2016 8:06

Instrument :
BNA_G
ClientSampleId :
PB89730BL

Tgt Ion:188 Resp: 214790
Ion Ratio Lower Upper
188 100
94 8.9 7.5 11.3
80 10.4 8.6 13.0

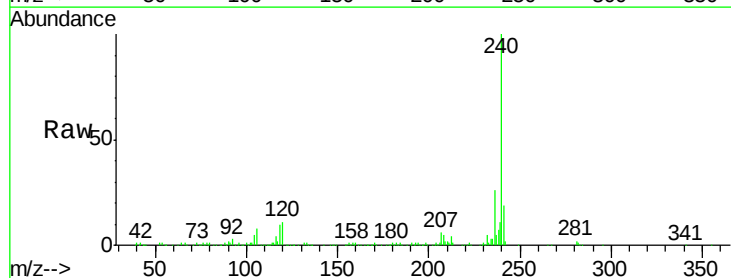


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

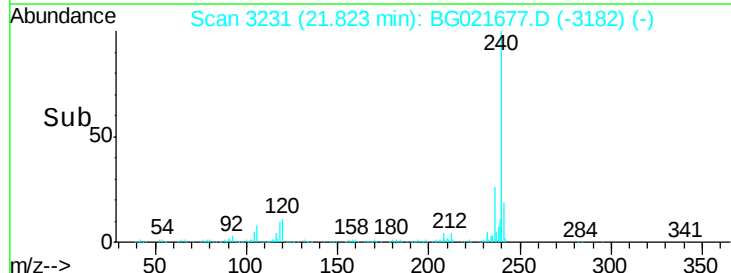
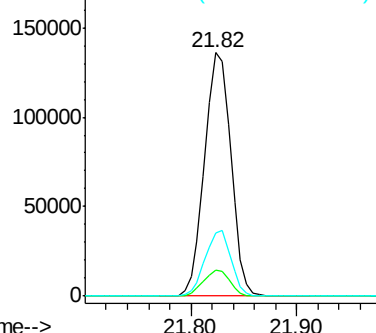


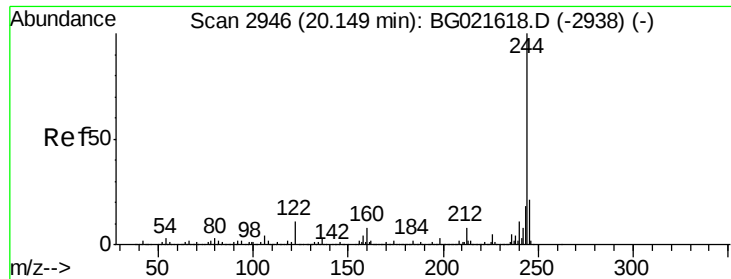
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021677.D
Acq: 15 Apr 2016 8:06

Tgt Ion:240 Resp: 235344
Ion Ratio Lower Upper
240 100
120 10.7 8.4 12.6
236 25.8 19.6 29.4



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: 73.13 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

Instrument :

BNA_G

ClientSampleId :

PB89730BL

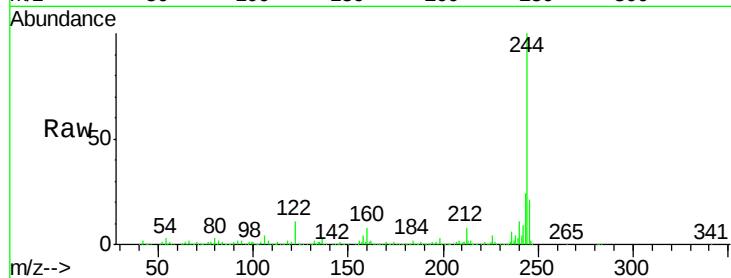
Tgt Ion:244 Resp: 689732

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

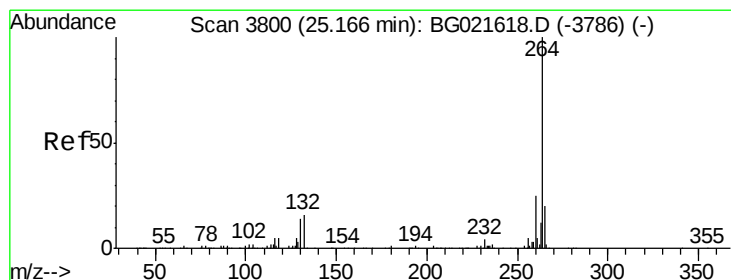
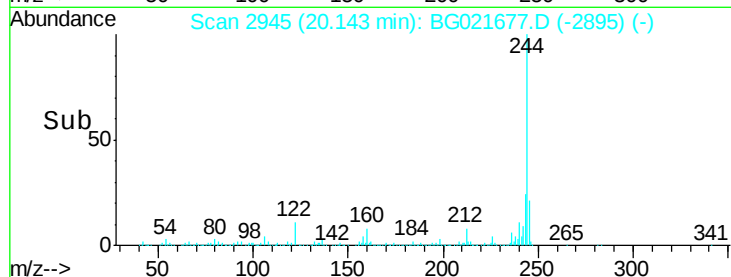
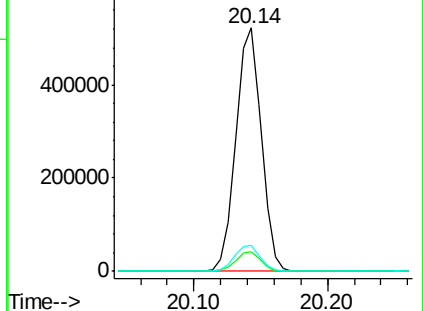
122 10.8 8.6 12.8



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: 25.15 min Scan# 3798

Delta R.T. -0.01 min

Lab File: BG021677.D

Acq: 15 Apr 2016 8:06

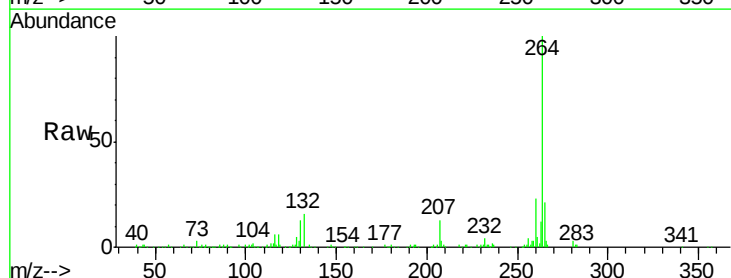
Tgt Ion:264 Resp: 230320

Ion Ratio Lower Upper

264 100

260 22.8 20.2 30.4

265 21.3 17.8 26.8



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

