

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
 Data File : BG023112.D
 Acq On : 15 Jul 2016 14:05
 Operator : UM/SJ
 Sample : PB92146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92146BL

Quant Time: Jul 16 00:48:22 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 18:30:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	98851	20.00	ng	0.01
21) Naphthalene-d8	10.99	136	456657	20.00	ng	0.02
38) Acenaphthene-d10	14.81	164	372761	20.00	ng	0.01
63) Phenanthrene-d10	17.56	188	915371	20.00	ng	0.00
75) Chrysene-d12	21.86	240	985775	20.00	ng	0.01
86) Perylene-d12	25.24	264	936383	20.00	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	858107	141.98	ng	0.01
7) Phenol-d6	7.32	99	1311313	138.52	ng	0.02
23) Nitrobenzene-d5	9.34	82	936739	87.84	ng	0.01
41) 2,4,6-Tribromophenol	16.30	330	685825	102.37	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	1958438	82.76	ng	0.01
78) Terphenyl-d14	20.16	244	2856486	96.95	ng	0.00

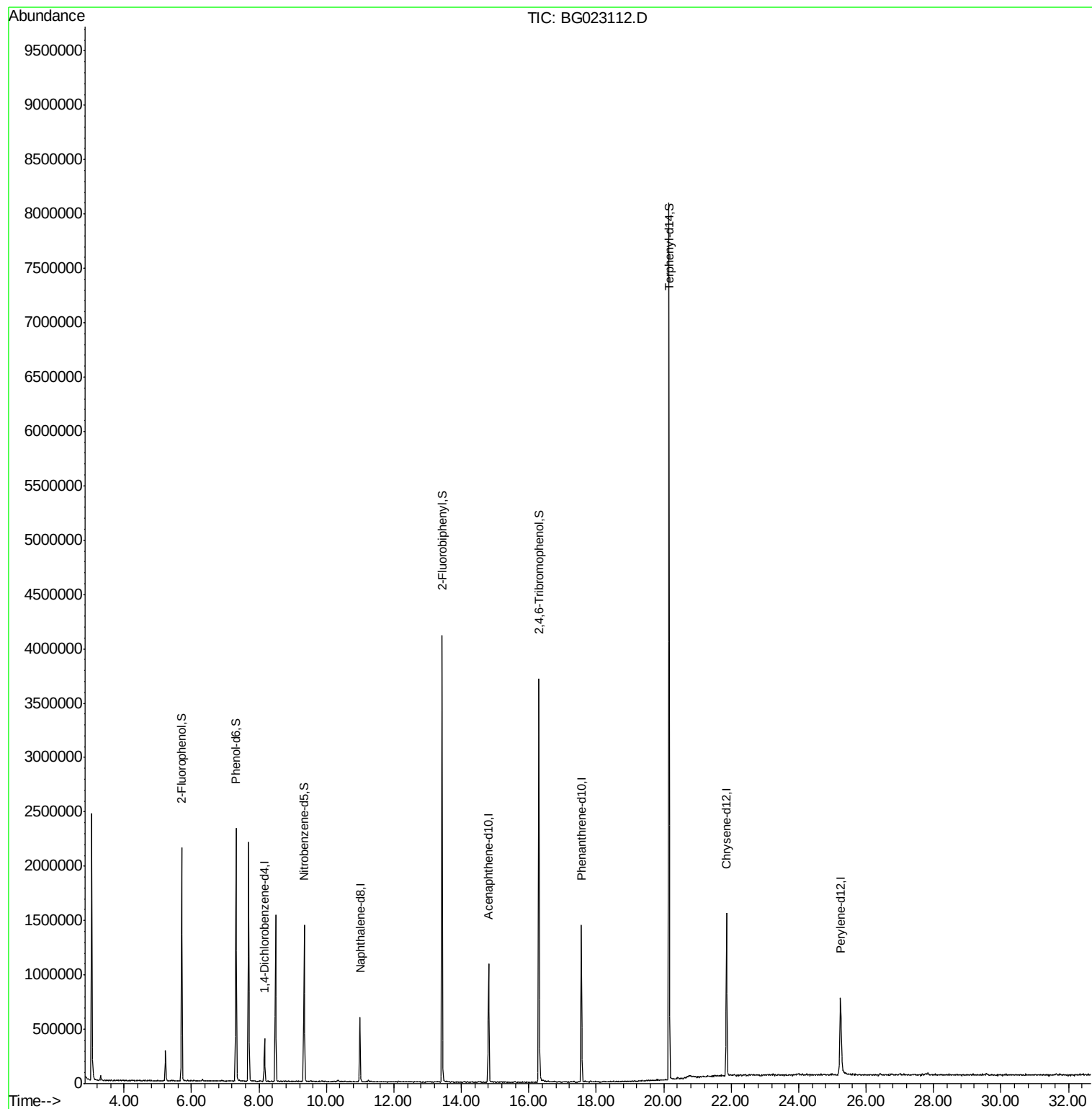
Target Compounds	Qvalue
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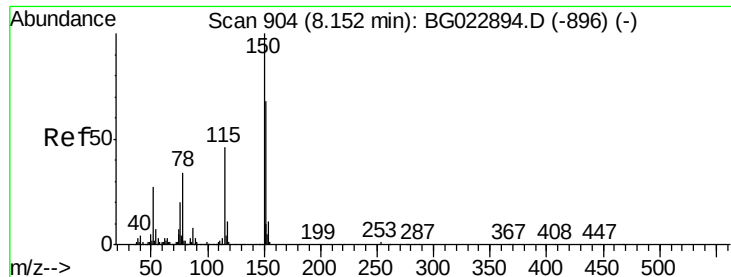
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92146BL

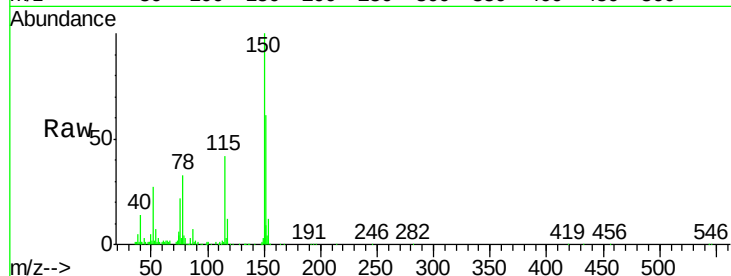
Tgt Ion:152 Resp: 98851

Ion Ratio Lower Upper

152 100

150 164.0 144.7 217.1

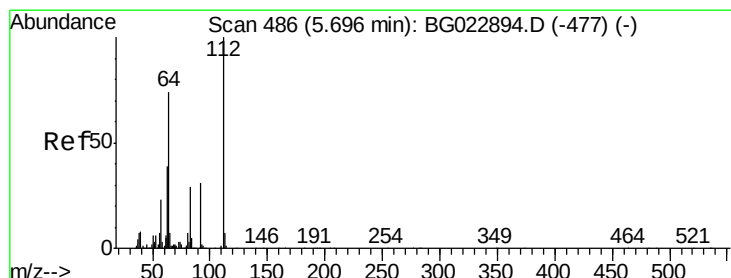
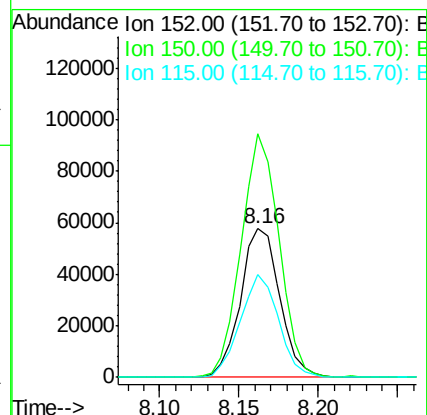
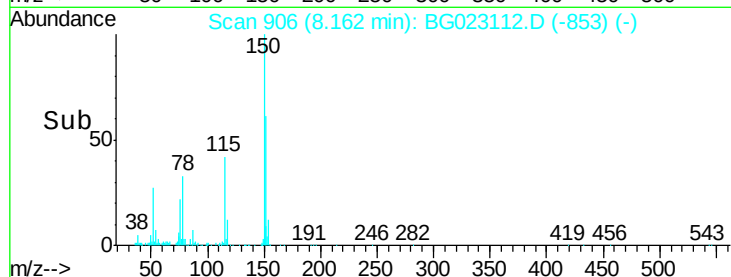
115 69.2 64.0 96.0



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: 141.98 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.01 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

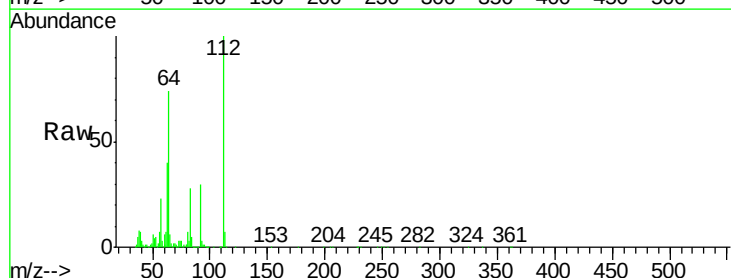
Tgt Ion:112 Resp: 858107

Ion Ratio Lower Upper

112 100

64 74.0 59.0 88.4

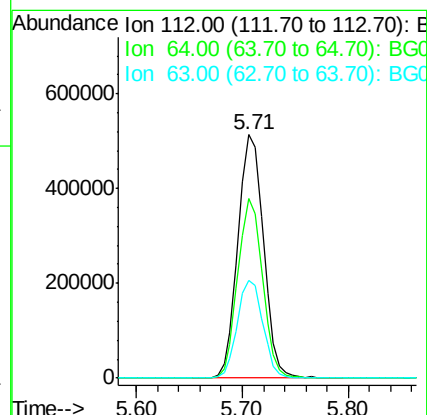
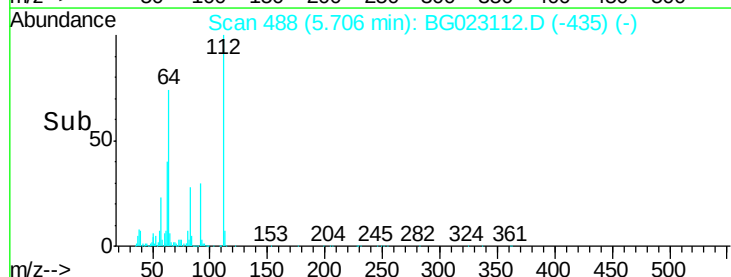
63 40.1 37.8 56.8

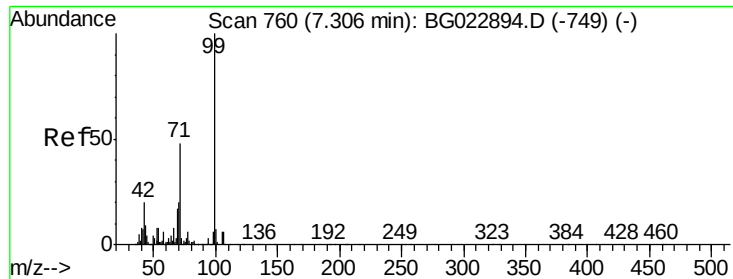


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 138.52 ng

RT: 7.32 min Scan# 763

Delta R.T. 0.02 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92146BL

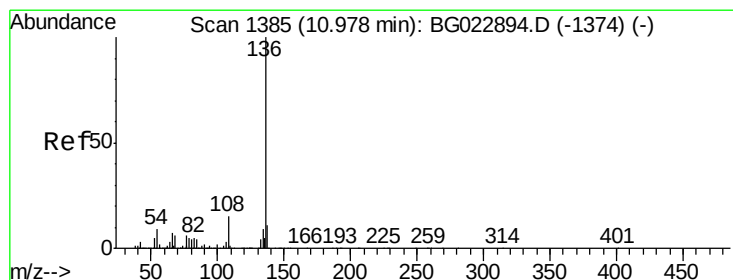
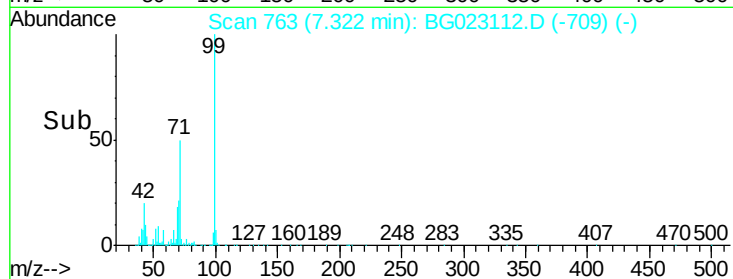
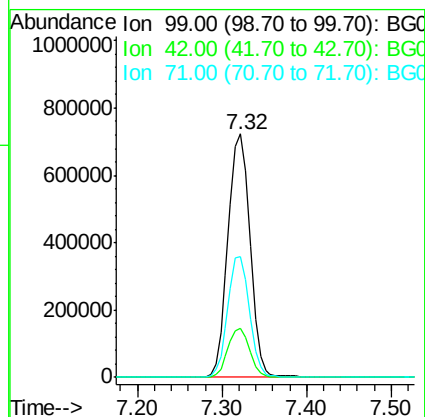
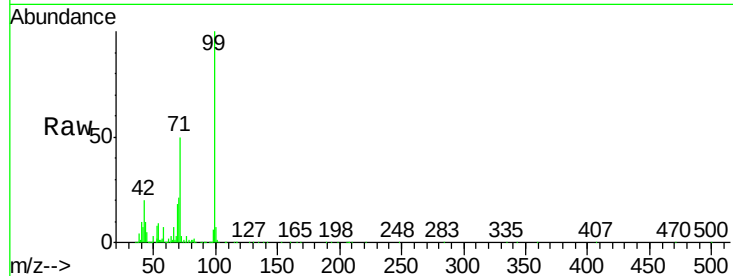
Tgt Ion: 99 Resp: 1311313

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

71 49.6 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. 0.02 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Tgt Ion: 136 Resp: 456657

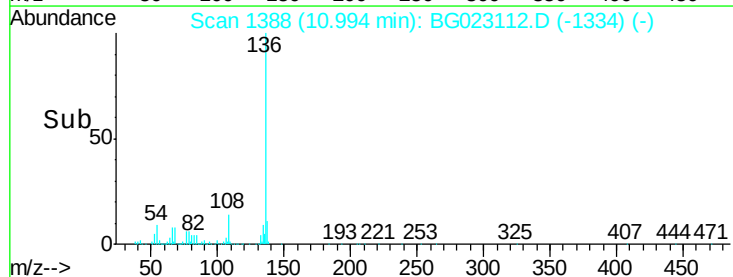
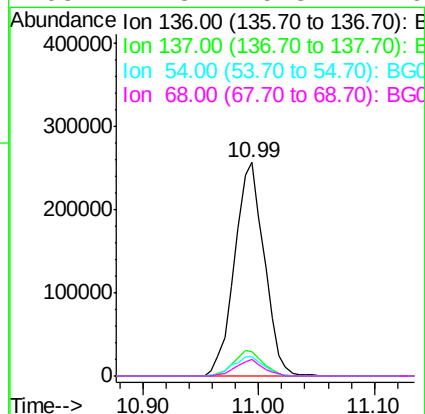
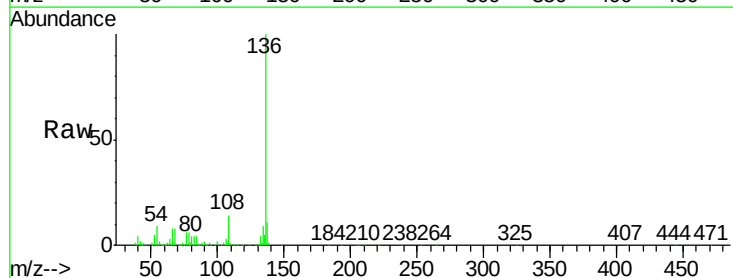
Ion Ratio Lower Upper

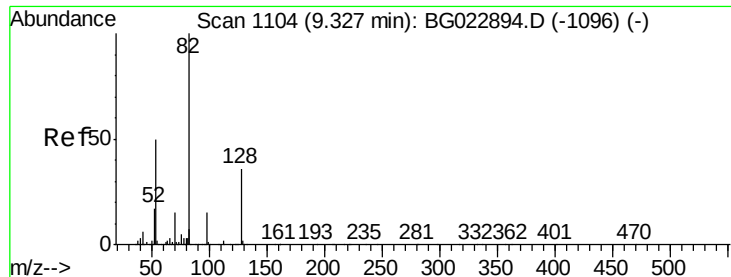
136 100

137 11.1 9.6 14.4

54 9.2 7.3 10.9

68 7.8 5.3 7.9

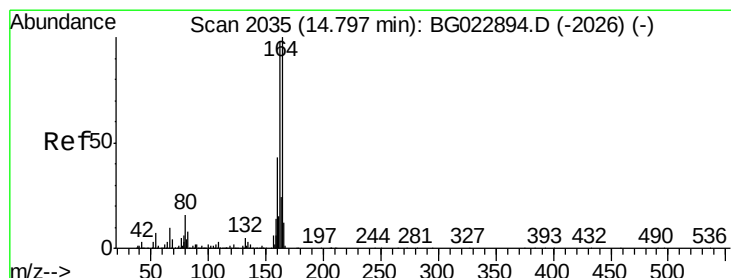
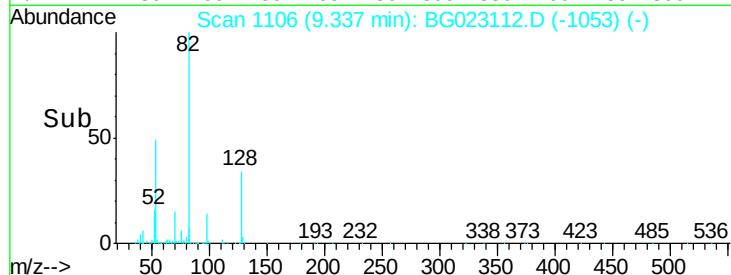
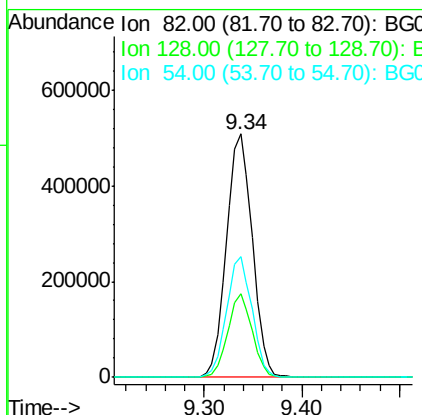
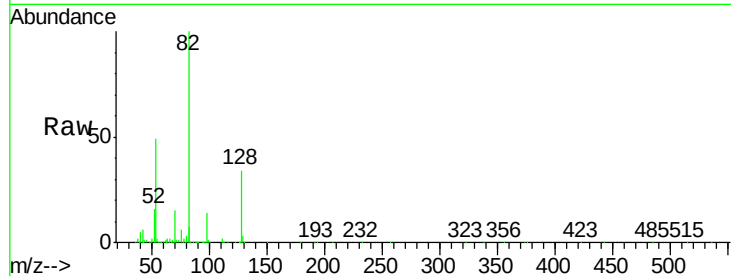




#23
 Nitrobenzene-d5
 Concen: 87.84 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BG023112.D
 Acq: 15 Jul 2016 14:05

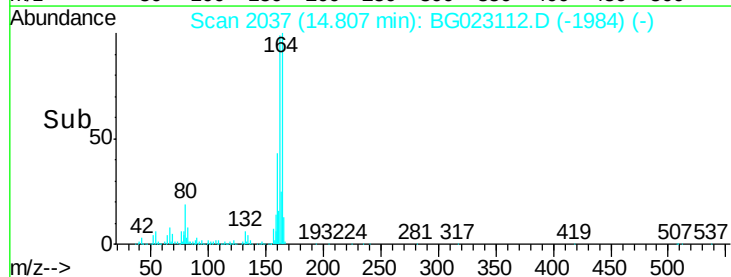
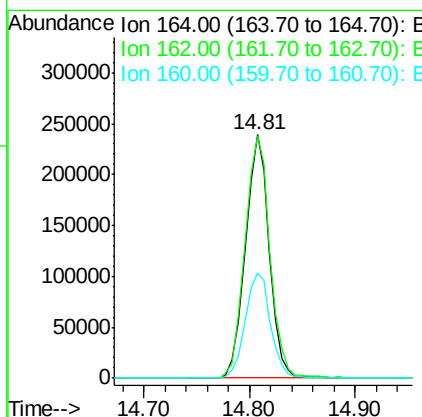
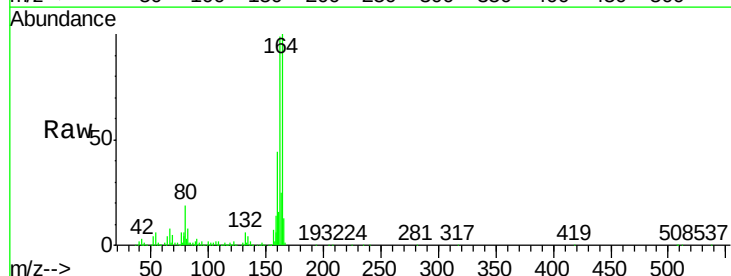
Instrument :
 BNA_G
 ClientSampleId :
 PB92146BL

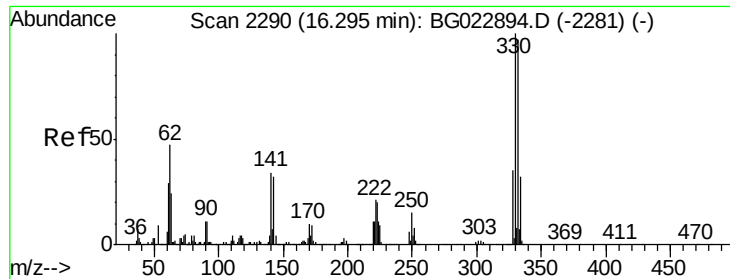
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.3	24.4	36.6
54	49.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.81 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: BG023112.D
 Acq: 15 Jul 2016 14:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	87.7	131.5
160	43.5	37.2	55.8





#41

2,4,6-Tribromophenol

Concen: 102.37 ng

RT: 16.30 min Scan# 2291

Delta R.T. 0.00 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92146BL

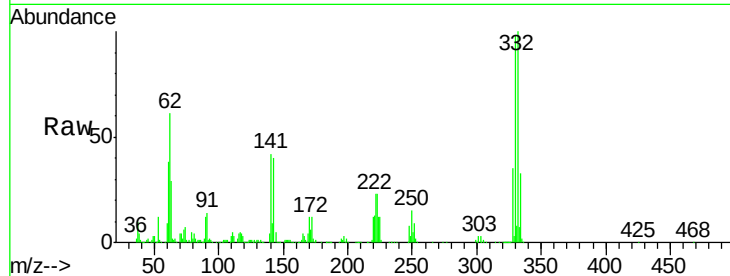
Tgt Ion:330 Resp: 685825

Ion Ratio Lower Upper

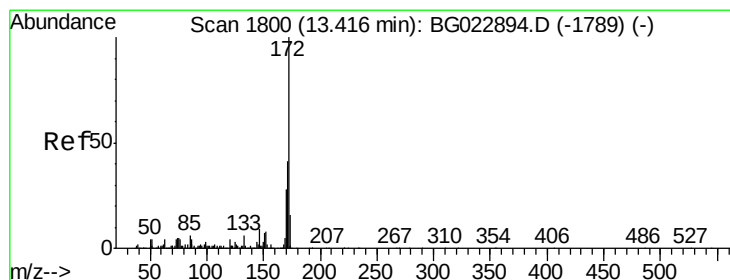
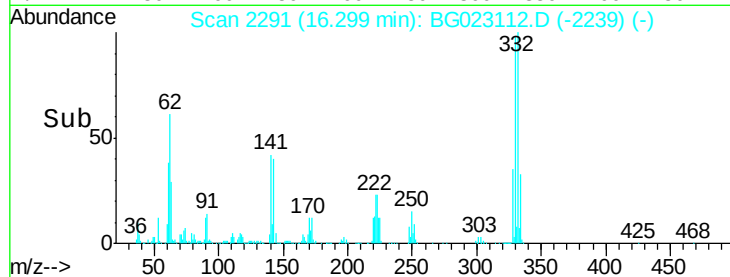
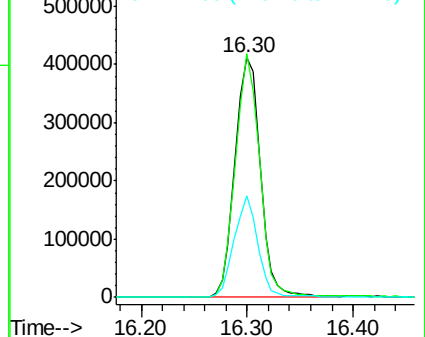
330 100

332 97.9 77.4 116.2

141 38.9 31.7 47.5



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: 82.76 ng

RT: 13.43 min Scan# 1802

Delta R.T. 0.01 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

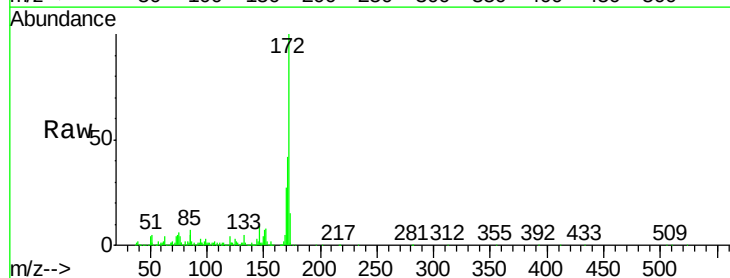
Tgt Ion:172 Resp: 1958438

Ion Ratio Lower Upper

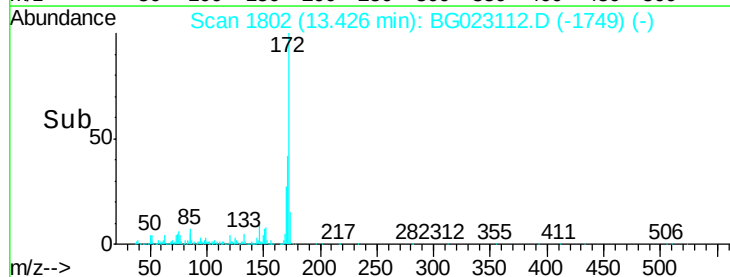
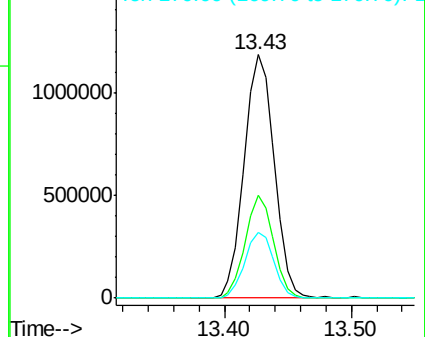
172 100

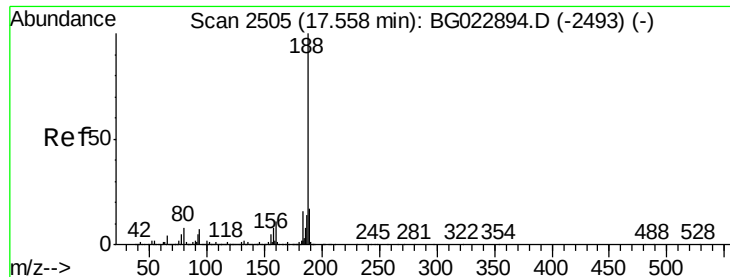
171 42.4 31.6 47.4

170 27.0 21.3 31.9



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. -0.00 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92146BL

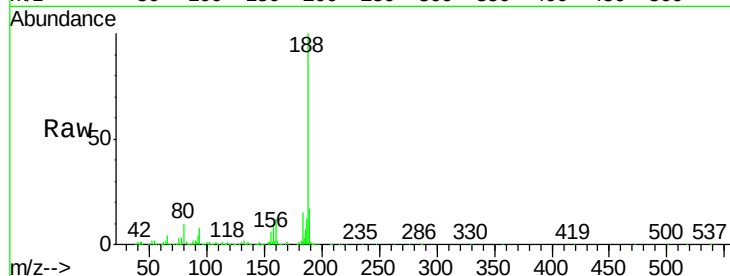
Tgt Ion:188 Resp: 915371

Ion Ratio Lower Upper

188 100

94 8.2 5.2 7.8#

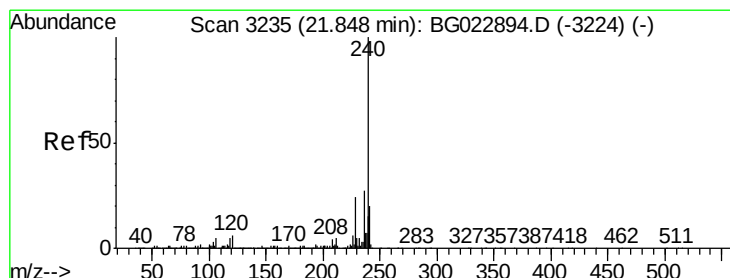
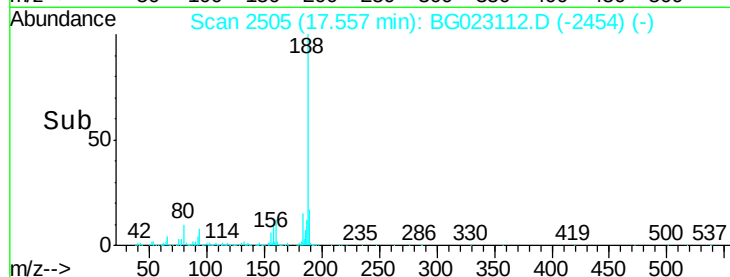
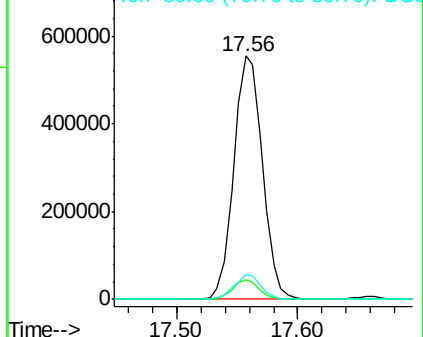
80 10.4 7.2 10.8



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: 21.86 min Scan# 3237

Delta R.T. 0.01 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

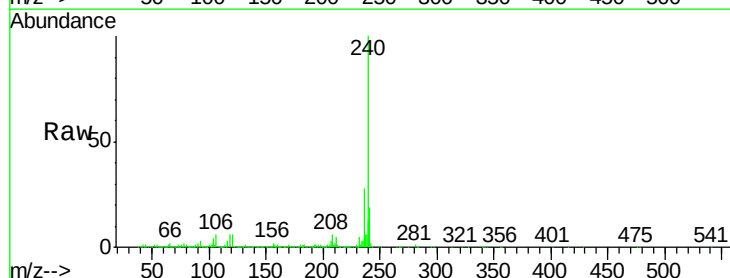
Tgt Ion:240 Resp: 985775

Ion Ratio Lower Upper

240 100

120 6.4 4.1 6.1#

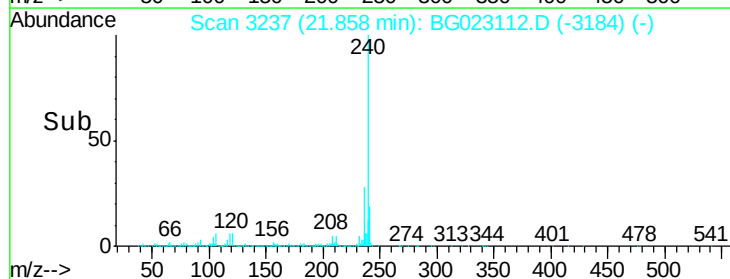
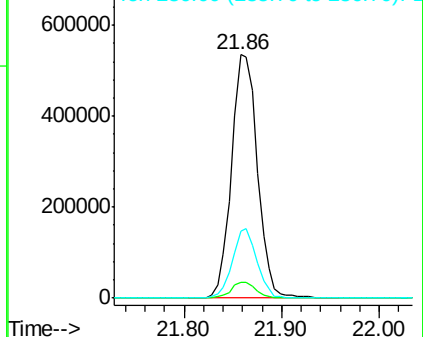
236 27.6 21.1 31.7

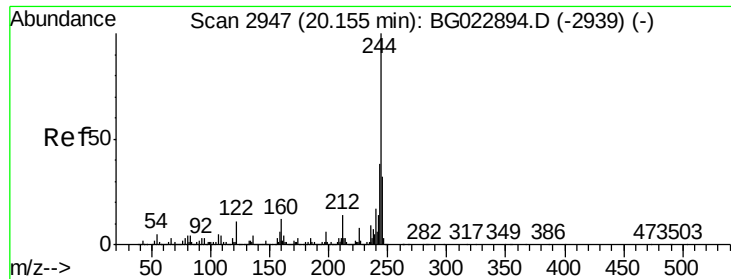


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.95 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

Instrument :

BNA_G

ClientSampleId :

PB92146BL

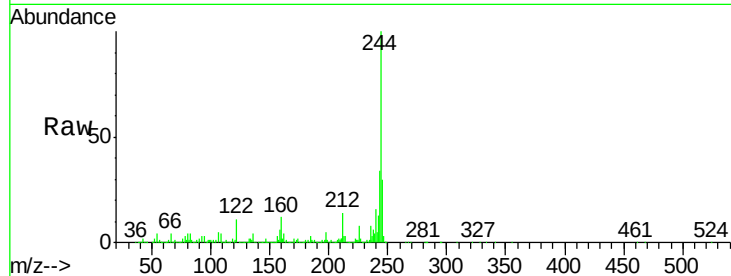
Tgt Ion:244 Resp: 2856486

Ion Ratio Lower Upper

244 100

212 13.9 10.8 16.2

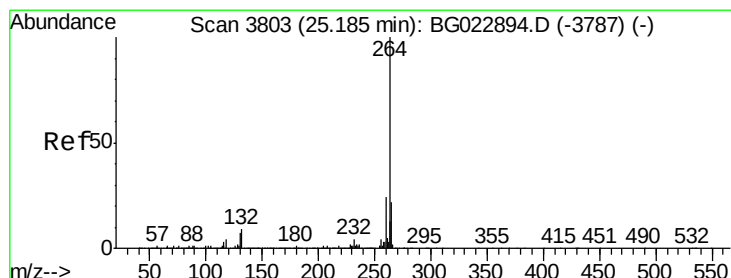
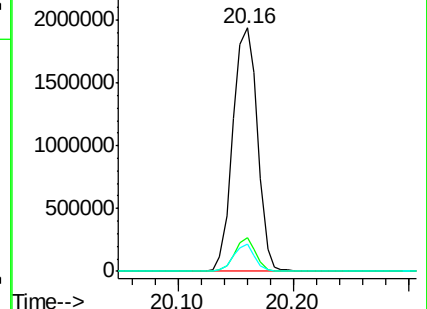
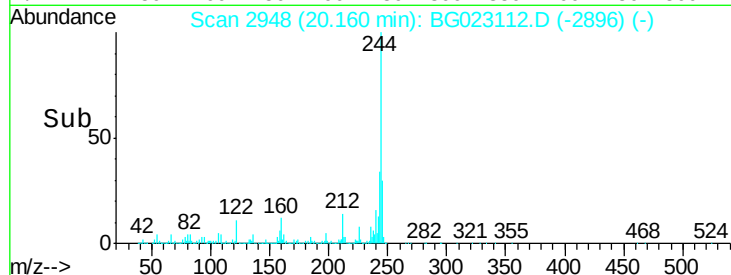
122 11.1 8.0 12.0



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: 25.24 min Scan# 3812

Delta R.T. 0.05 min

Lab File: BG023112.D

Acq: 15 Jul 2016 14:05

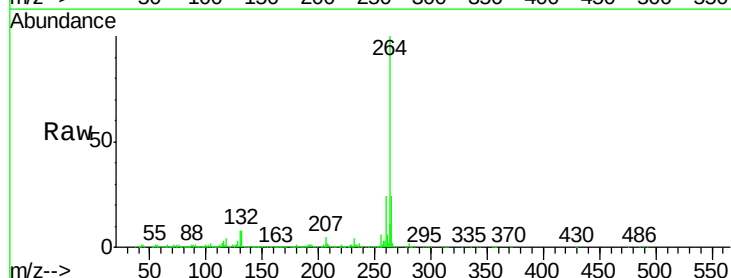
Tgt Ion:264 Resp: 936383

Ion Ratio Lower Upper

264 100

260 23.6 18.4 27.6

265 24.0 18.9 28.3



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

