

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
 Data File : BG023095.D
 Acq On : 14 Jul 2016 10:51
 Operator : UM/SJ
 Sample : PB92086BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB92086BL

Quant Time: Jul 14 17:56:54 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	98097	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	462962	20.00	ng	0.02
38) Acenaphthene-d10	14.81	164	372097	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	915481	20.00	ng	0.00
75) Chrysene-d12	21.86	240	966490	20.00	ng	0.02
86) Perylene-d12	25.24	264	942782	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	848638	141.49	ng	0.01
7) Phenol-d6	7.32	99	1332206	141.81	ng	0.00
23) Nitrobenzene-d5	9.34	82	945880	87.48	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	732171	109.48	ng	0.00
44) 2-Fluorobiphenyl	13.43	172	2027181	85.81	ng	0.00
78) Terphenyl-d14	20.16	244	2971220	108.23	ng	0.00

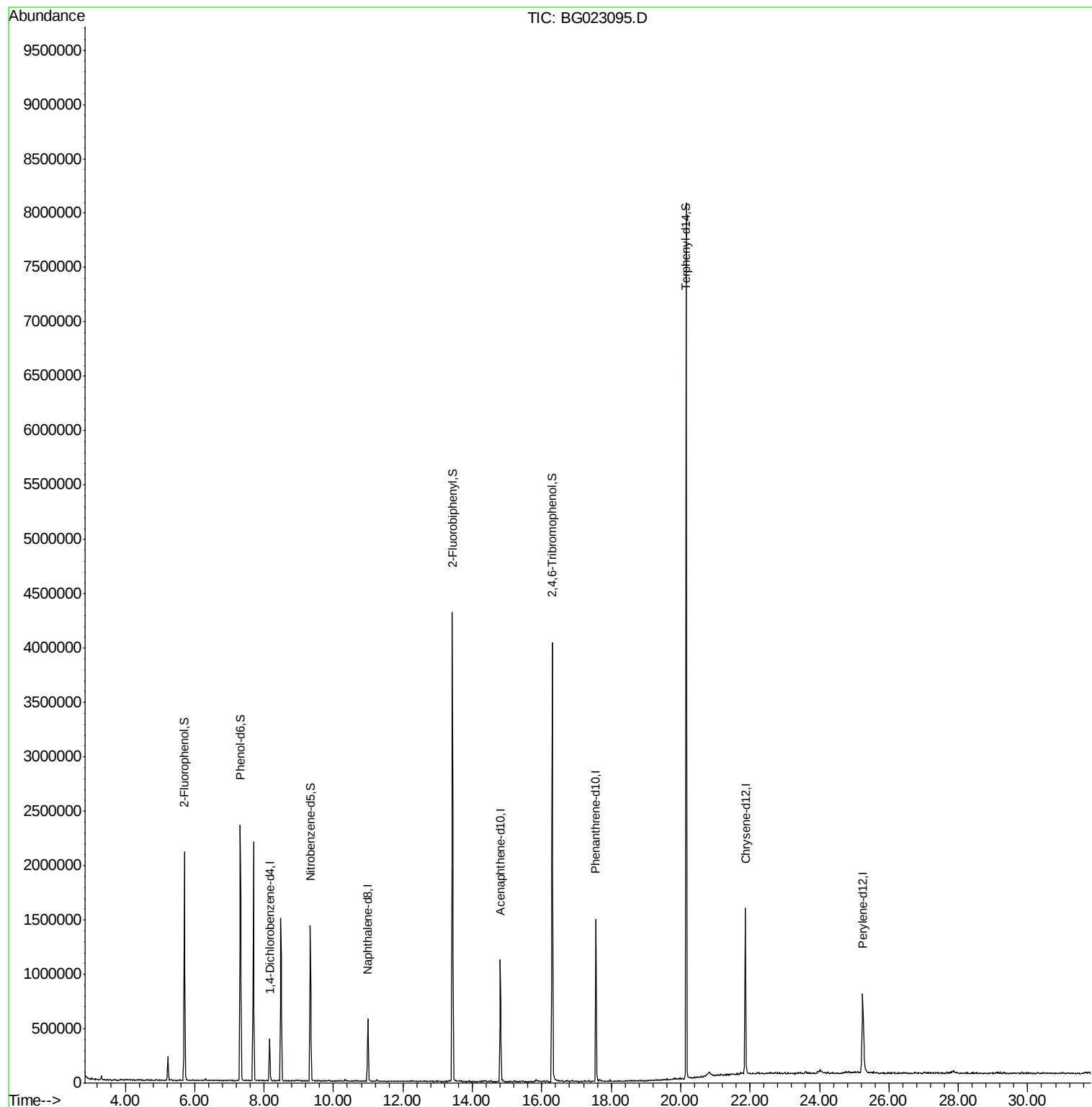
Target Compounds	Qvalue
------------------	--------

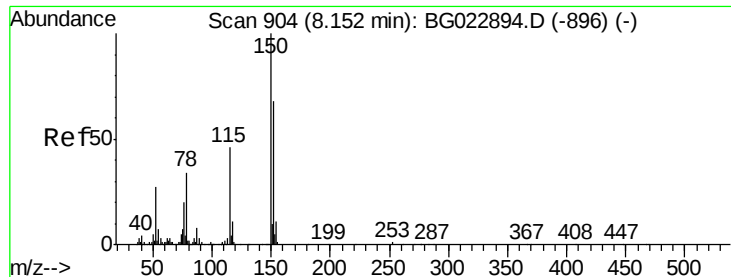
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071416\
Data File : BG023095.D
Acq On : 14 Jul 2016 10:51
Operator : UM/SJ
Sample : PB92086BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB92086BL

Quant Time: Jul 14 17:56:54 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. 0.01 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Instrument :

BNA_G

ClientSampleId :

PB92086BL

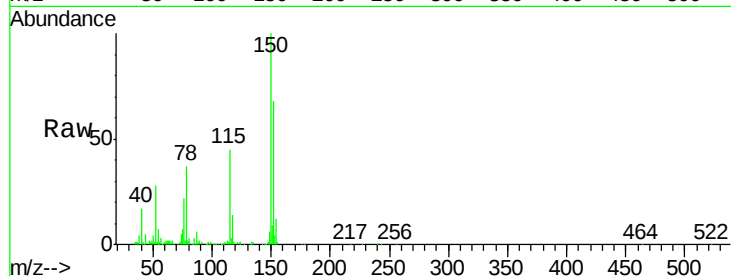
Tgt Ion:152 Resp: 98097

Ion Ratio Lower Upper

152 100

150 146.8 144.7 217.1

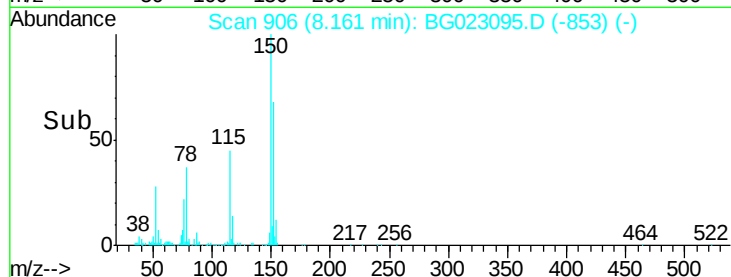
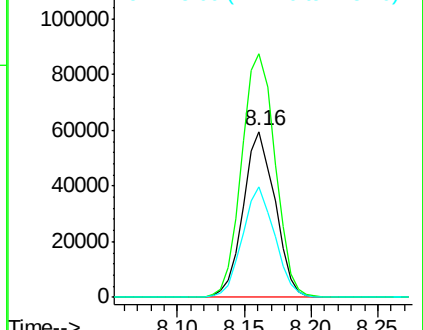
115 66.4 64.0 96.0



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: 141.49 ng

RT: 5.71 min Scan# 488

Delta R.T. 0.01 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

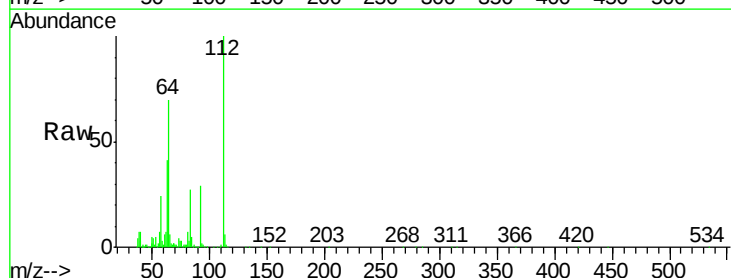
Tgt Ion:112 Resp: 848638

Ion Ratio Lower Upper

112 100

64 69.8 59.0 88.4

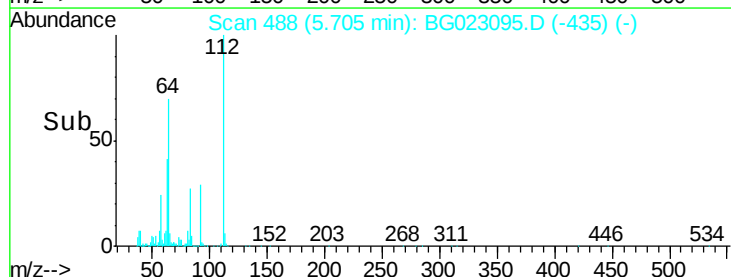
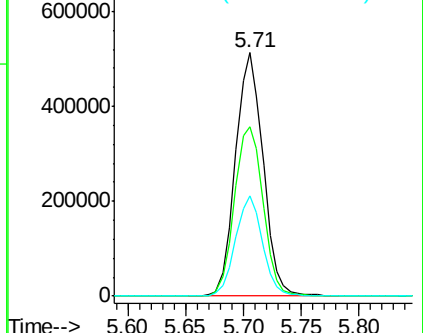
63 41.1 37.8 56.8

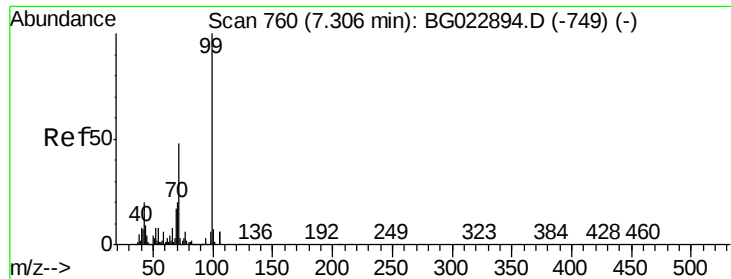


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 141.81 ng

RT: 7.32 min Scan# 762

Delta R.T. 0.01 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Instrument :

BNA_G

ClientSampleId :

PB92086BL

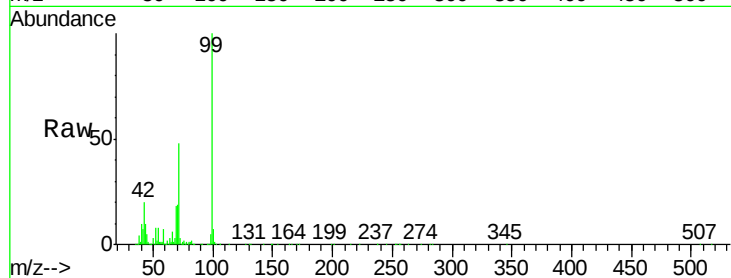
Tgt Ion: 99 Resp: 1332206

Ion Ratio Lower Upper

99 100

42 19.9 17.8 26.6

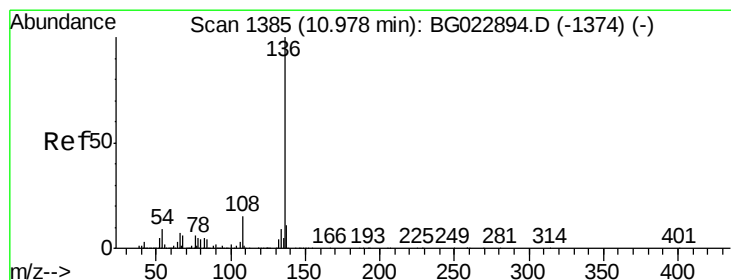
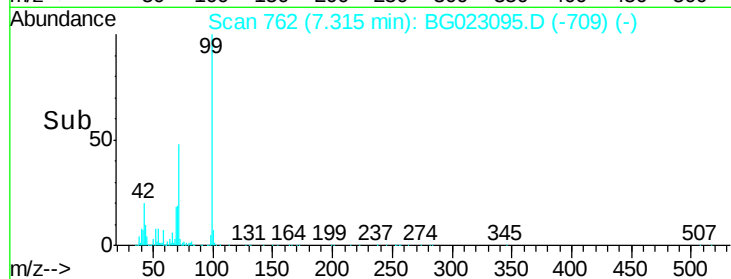
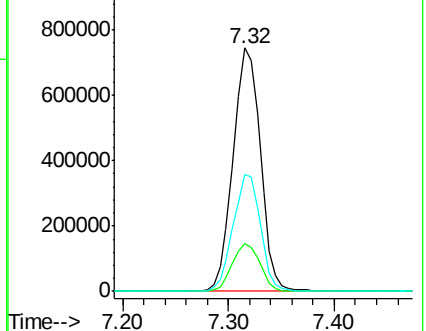
71 48.1 41.5 62.3



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: 10.99 min Scan# 1388

Delta R.T. 0.02 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Tgt Ion: 136 Resp: 462962

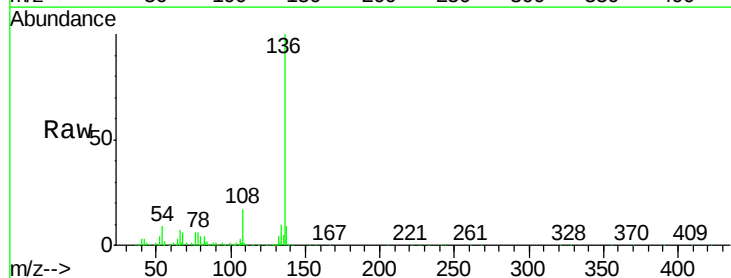
Ion Ratio Lower Upper

136 100

137 9.3 9.6 14.4#

54 9.2 7.3 10.9

68 6.2 5.3 7.9

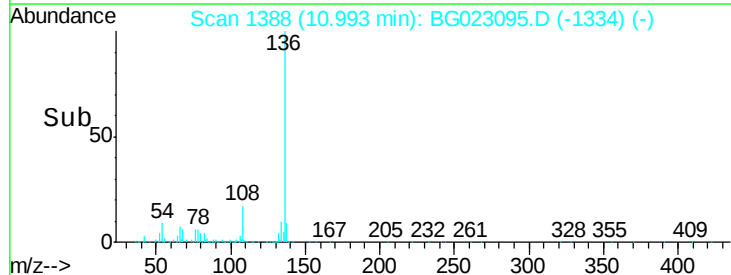
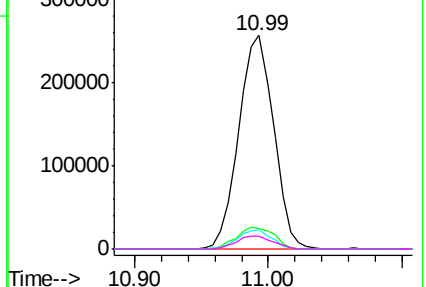


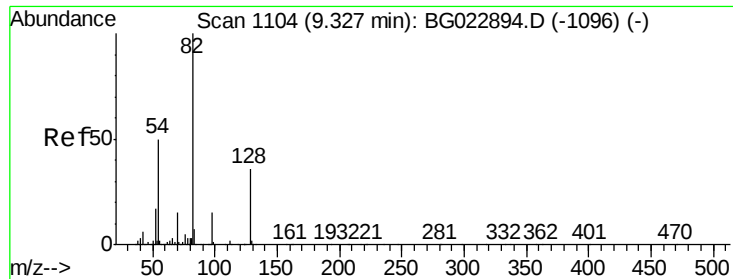
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

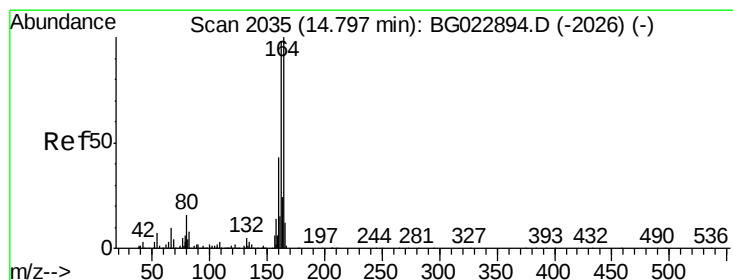
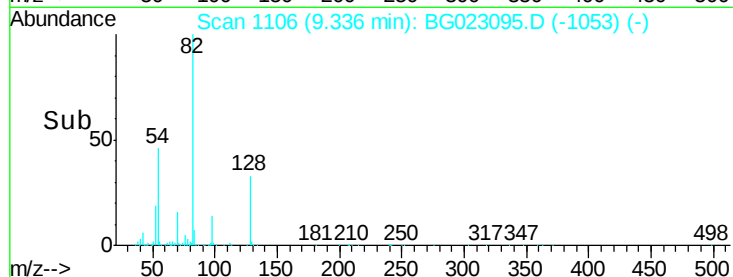
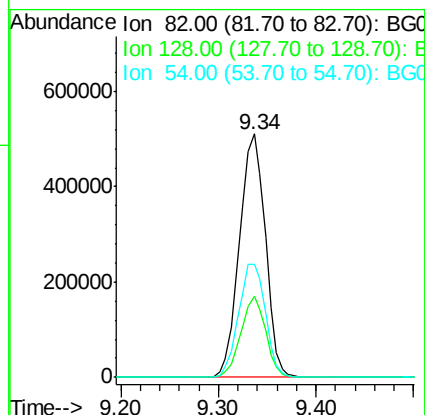
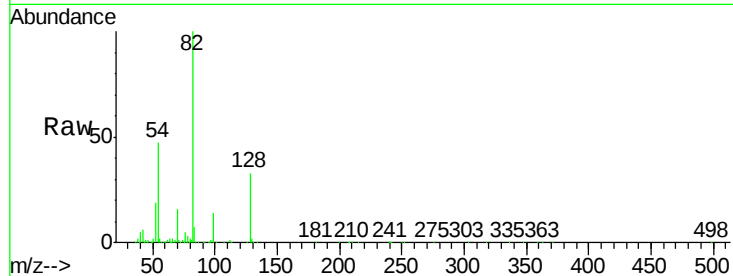




#23
 Nitrobenzene-d5
 Concen: 87.48 ng
 RT: 9.34 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BG023095.D
 Acq: 14 Jul 2016 10:51

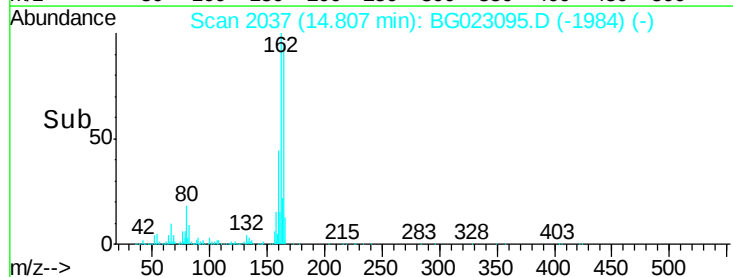
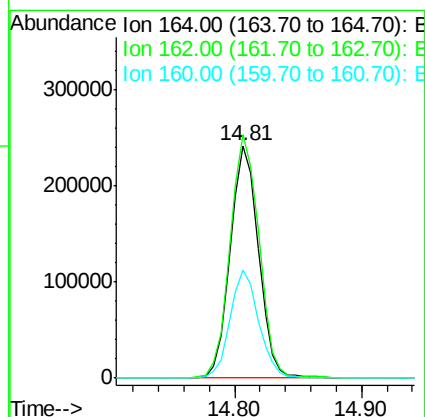
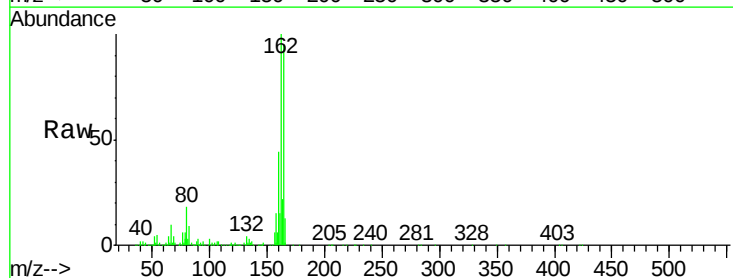
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.2	24.4	36.6
54	46.5	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: BG023095.D
 Acq: 14 Jul 2016 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	87.7	131.5
160	46.4	37.2	55.8

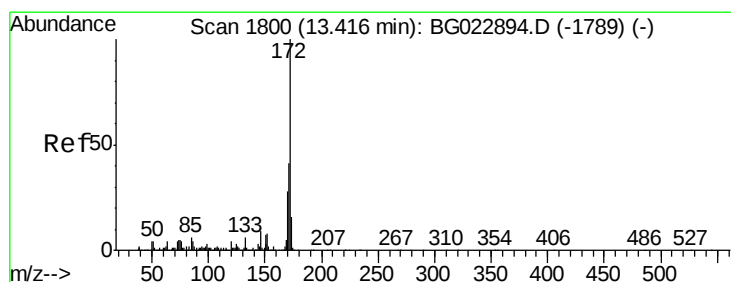
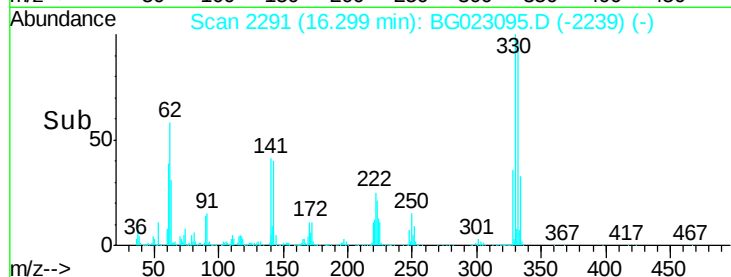
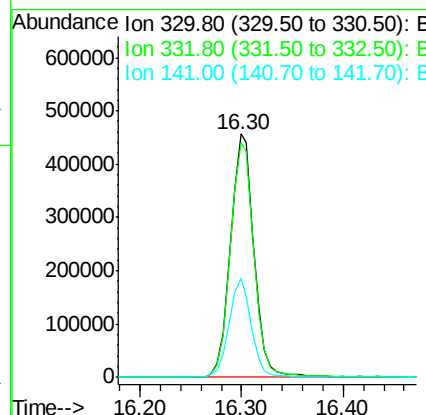
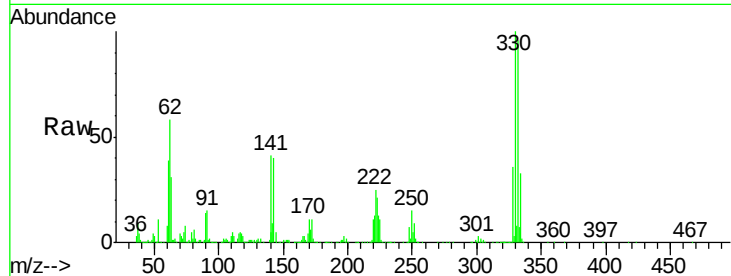




#41
 2,4,6-Tribromophenol
 Concen: 109.48 ng
 RT: 16.30 min Scan# 2291
 Delta R.T. 0.00 min
 Lab File: BG023095.D
 Acq: 14 Jul 2016 10:51

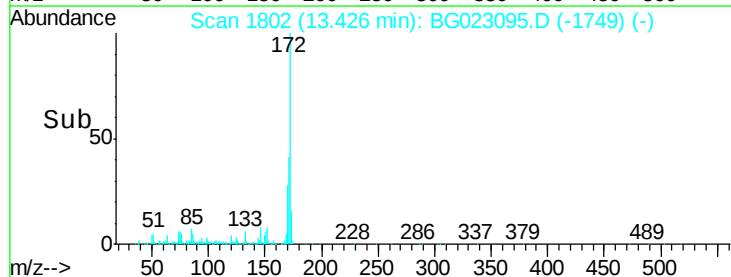
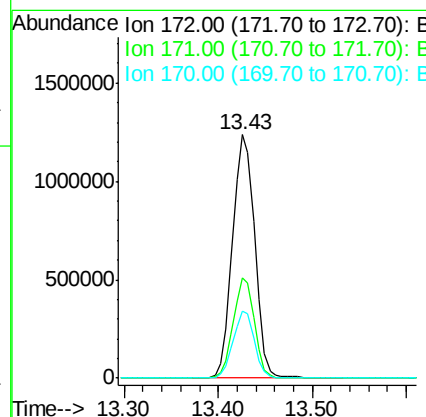
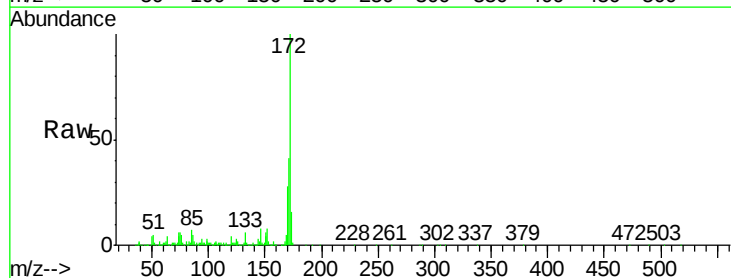
Instrument :
 BNA_G
 ClientSampleId :
 PB92086BL

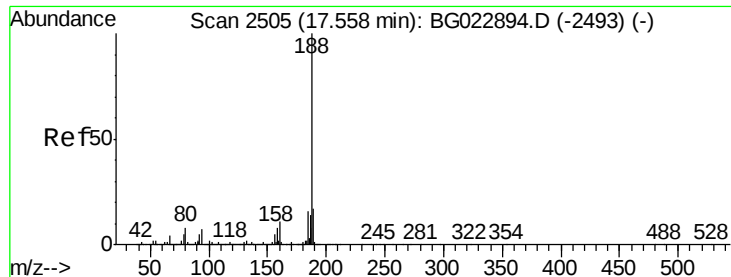
Tgt Ion:330 Resp: 732171
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 38.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 85.81 ng
 RT: 13.43 min Scan# 1802
 Delta R.T. 0.01 min
 Lab File: BG023095.D
 Acq: 14 Jul 2016 10:51

Tgt Ion:172 Resp: 2027181
 Ion Ratio Lower Upper
 172 100
 171 41.1 31.6 47.4
 170 27.6 21.3 31.9

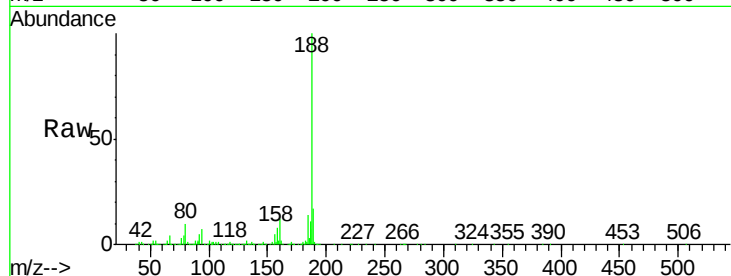




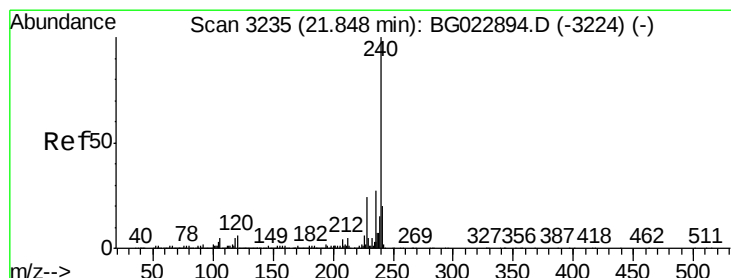
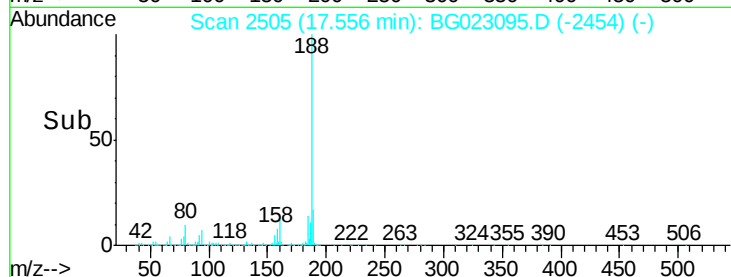
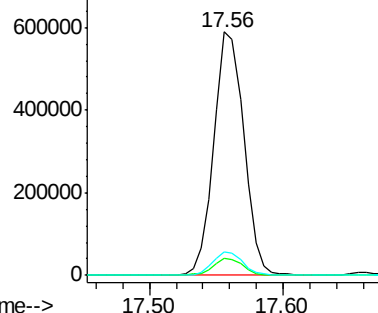
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Instrument :
BNA_G
ClientSampleId :
PB92086BL

Tgt Ion:188 Resp: 915481
Ion Ratio Lower Upper
188 100
94 7.0 5.2 7.8
80 9.7 7.2 10.8

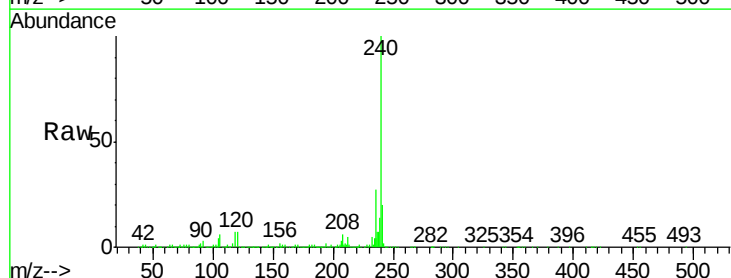


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

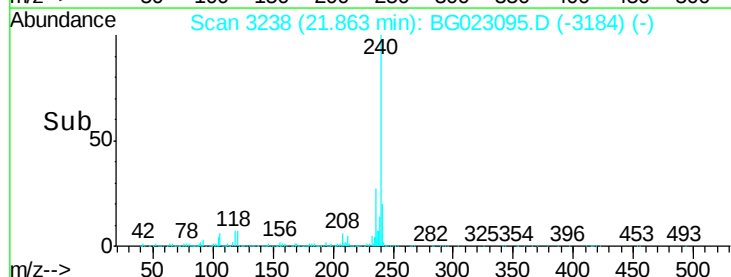
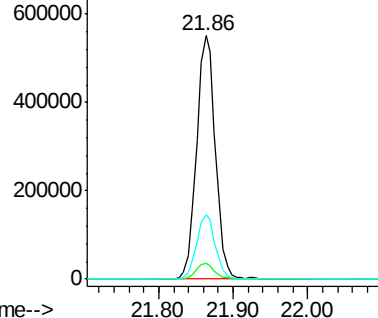


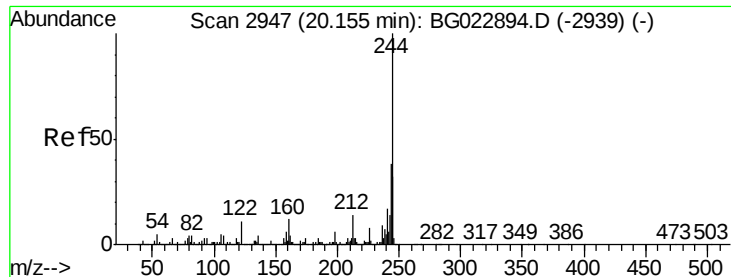
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.86 min Scan# 3238
Delta R.T. 0.02 min
Lab File: BG023095.D
Acq: 14 Jul 2016 10:51

Tgt Ion:240 Resp: 966490
Ion Ratio Lower Upper
240 100
120 6.6 4.1 6.1#
236 26.7 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: 108.23 ng

RT: 20.16 min Scan# 2948

Delta R.T. 0.00 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

Instrument :

BNA_G

ClientSampleId :

PB92086BL

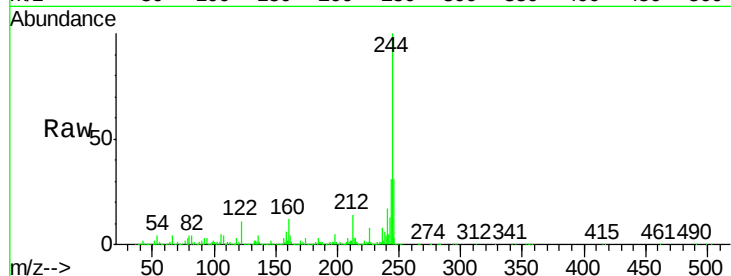
Tgt Ion:244 Resp: 2971220

Ion Ratio Lower Upper

244 100

212 14.2 10.8 16.2

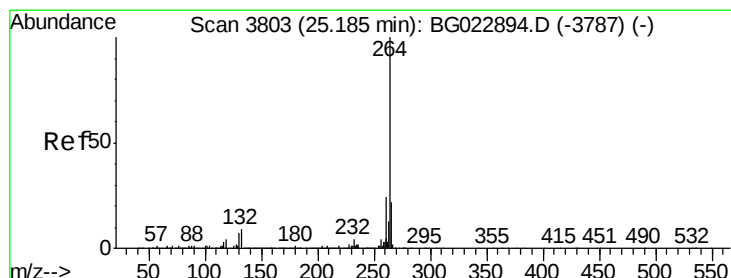
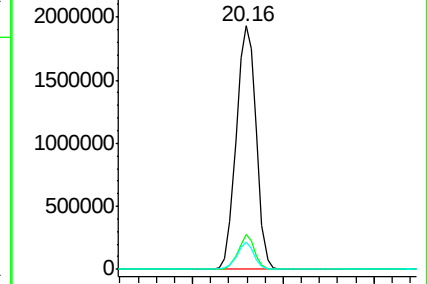
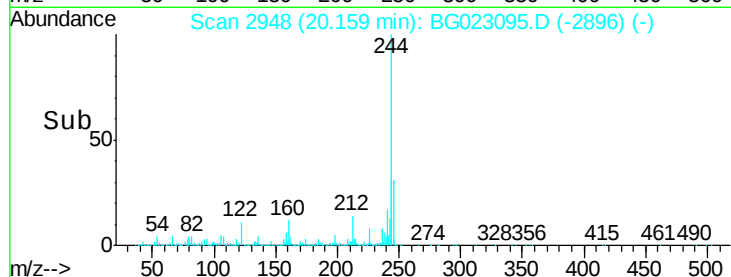
122 11.3 8.0 12.0



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# 3813

Delta R.T. 0.06 min

Lab File: BG023095.D

Acq: 14 Jul 2016 10:51

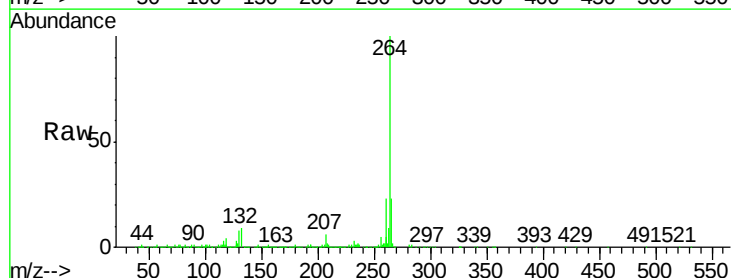
Tgt Ion:264 Resp: 942782

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 22.6 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

