

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016423.D
 Acq On : 15 Apr 2015 15:16
 Operator : TP/IZ
 Sample : PB82692BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BL

Quant Time: Apr 16 03:21:34 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 14 14:00:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	64820	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	294011	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	175313	20.00	ng	-0.01
63) Phenanthrene-d10	17.05	188	403851	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	370426	20.00	ng	-0.01
86) Perylene-d12	23.47	264	341001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	519539	126.49	ng	-0.01
7) Phenol-d6	6.85	99	731050	118.57	ng	-0.01
23) Nitrobenzene-d5	8.82	82	368499	72.61	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	148319	125.10	ng	-0.01
44) 2-Fluorobiphenyl	12.93	172	802030	77.89	ng	0.00
78) Terphenyl-d14	19.68	244	1090409	68.89	ng	0.00

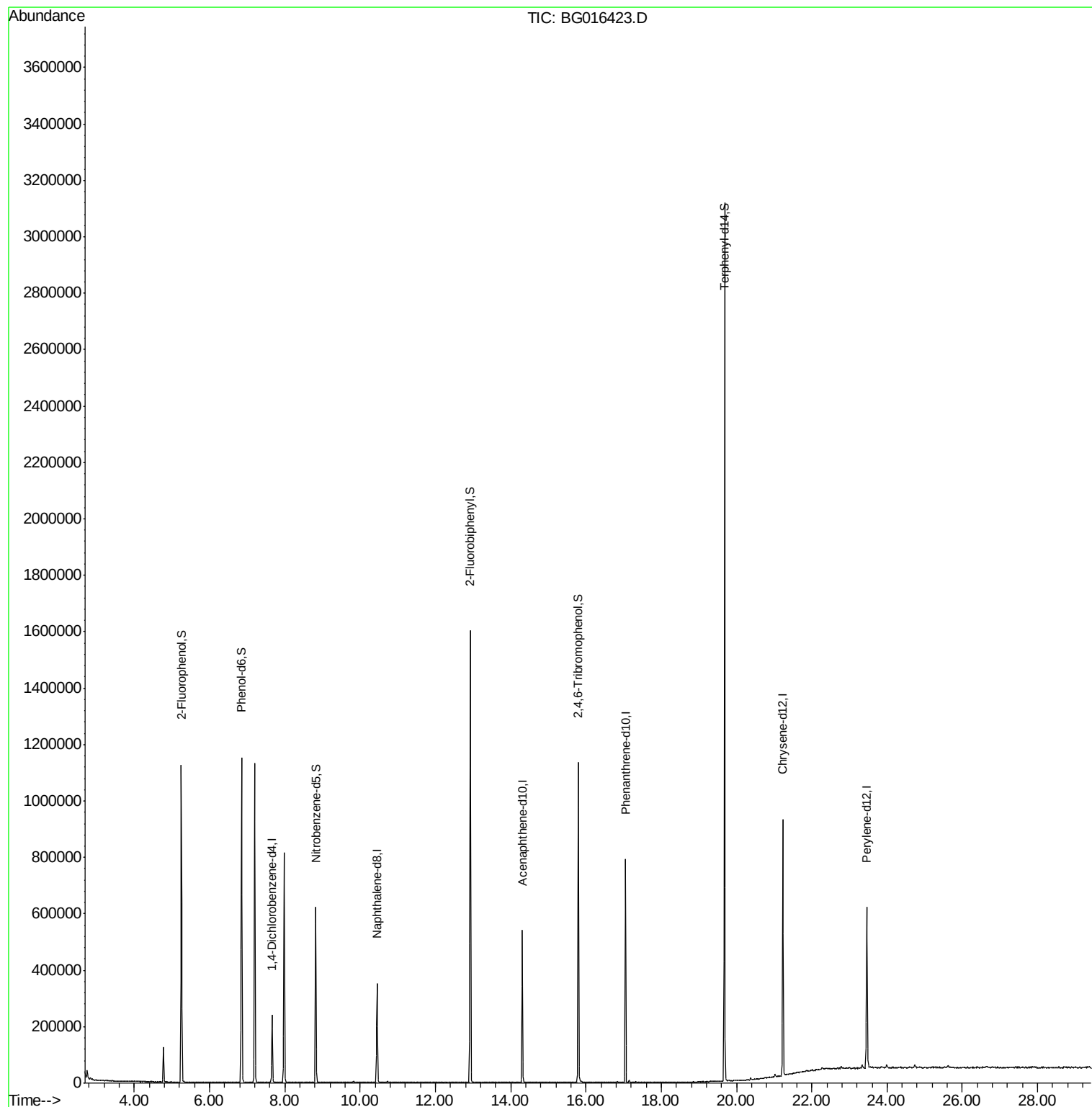
Target Compounds	Qvalue
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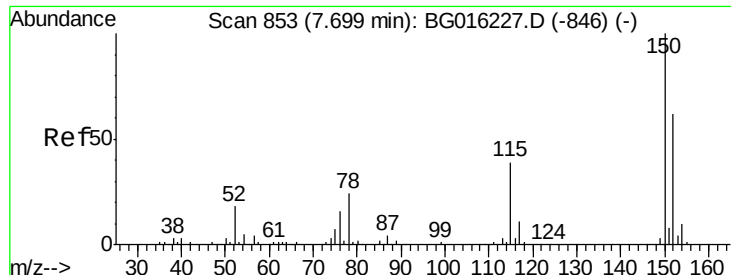
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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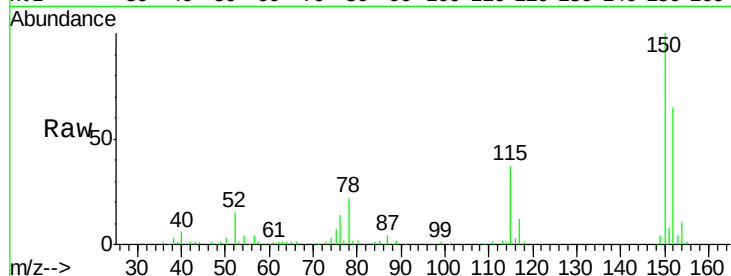


#1

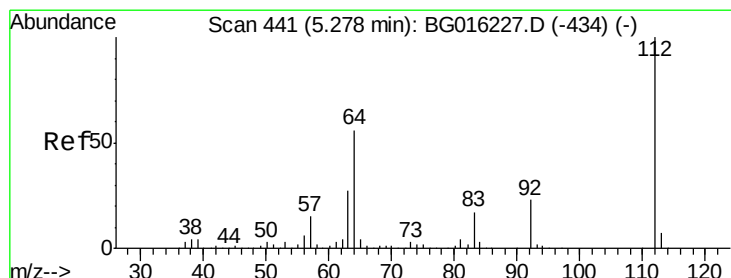
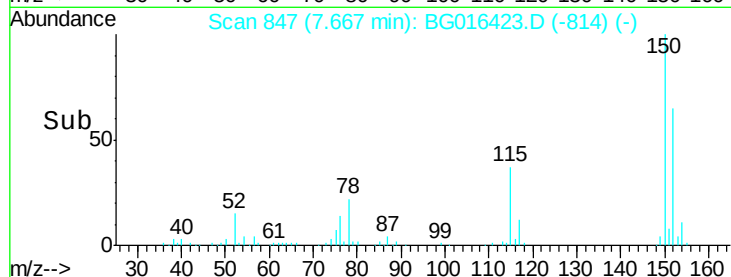
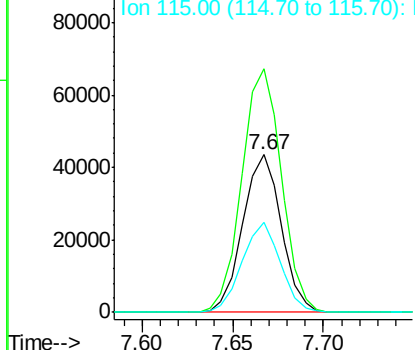
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BL

Tgt Ion:152 Resp: 64820
 Ion Ratio Lower Upper
 152 100
 150 154.3 130.1 195.1
 115 57.2 50.5 75.7



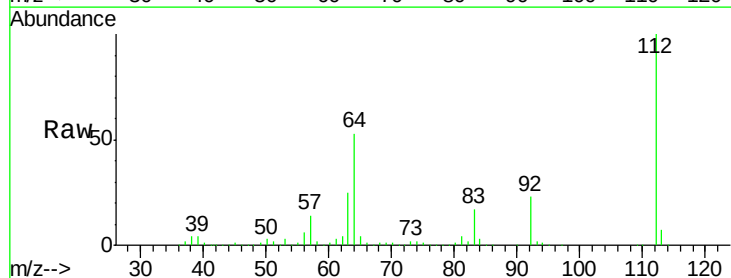
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



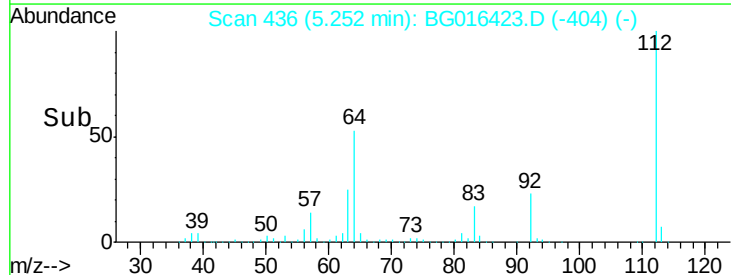
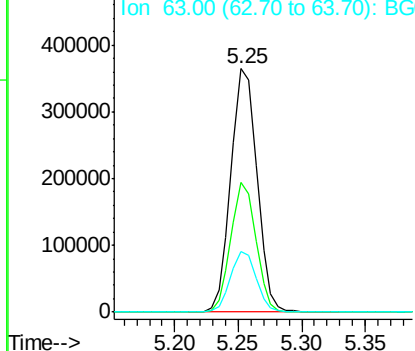
#5

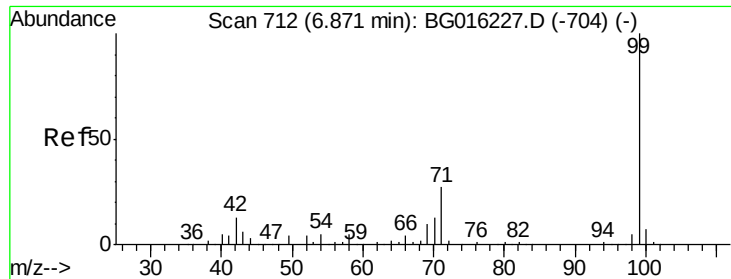
2-Fluorophenol
 Concen: 126.49 ng
 RT: 5.25 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Tgt Ion:112 Resp: 519539
 Ion Ratio Lower Upper
 112 100
 64 53.4 44.5 66.7
 63 24.8 21.4 32.0



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: 118.57 ng

RT: 6.85 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG016423.D

Acq: 15 Apr 2015 15:16

Instrument :

BNA_G

ClientSampleId :

PB82692BL

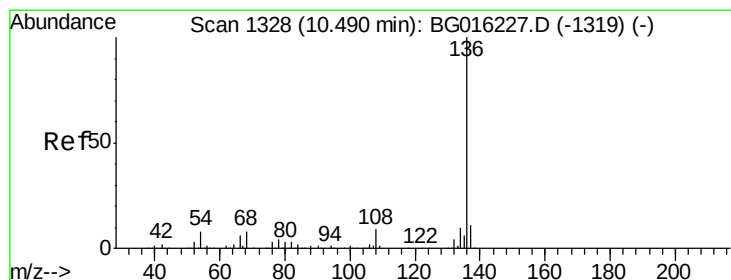
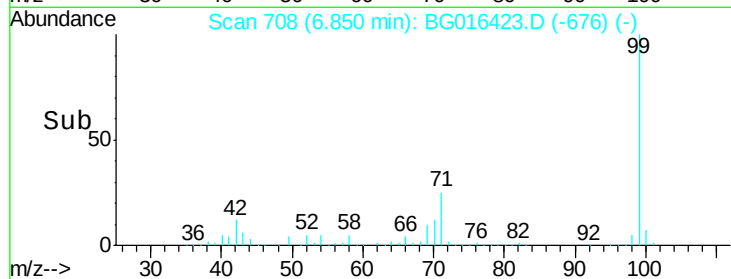
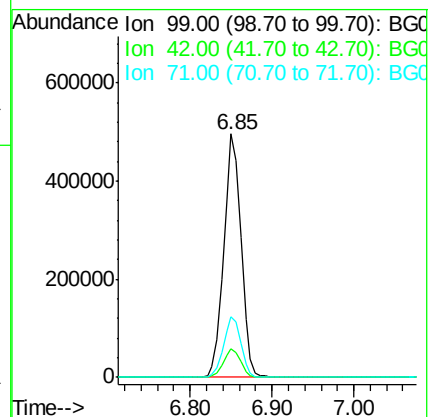
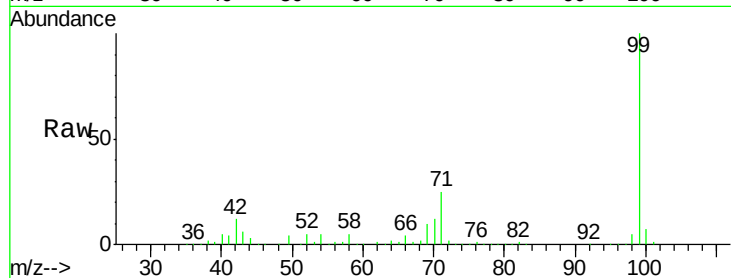
Tgt Ion: 99 Resp: 731050

Ion Ratio Lower Upper

99 100

42 12.0 10.0 15.0

71 25.1 21.5 32.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.45 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BG016423.D

Acq: 15 Apr 2015 15:16

Tgt Ion: 136 Resp: 294011

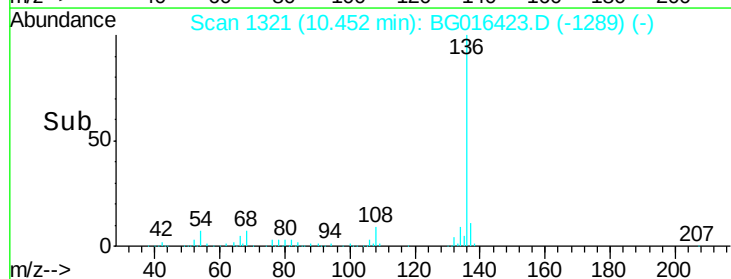
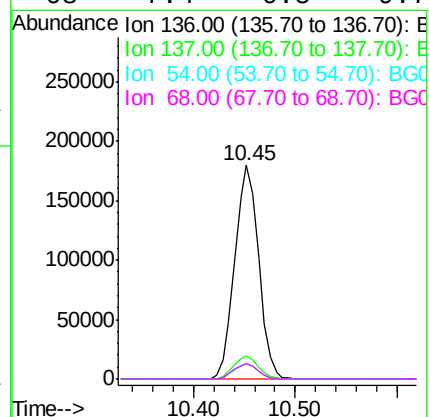
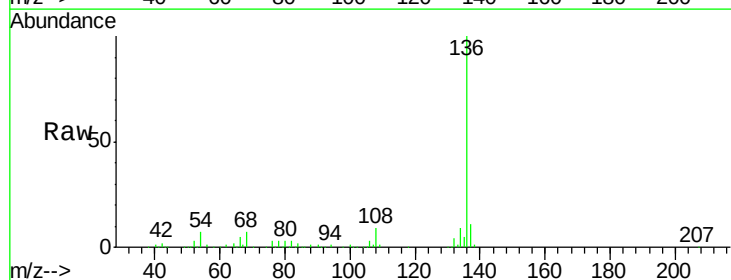
Ion Ratio Lower Upper

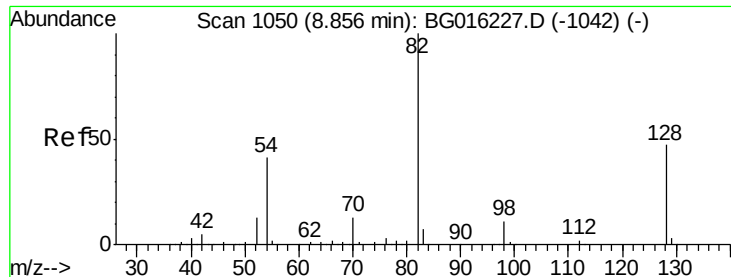
136 100

137 10.9 8.7 13.1

54 7.1 6.3 9.5

68 7.4 6.5 9.7

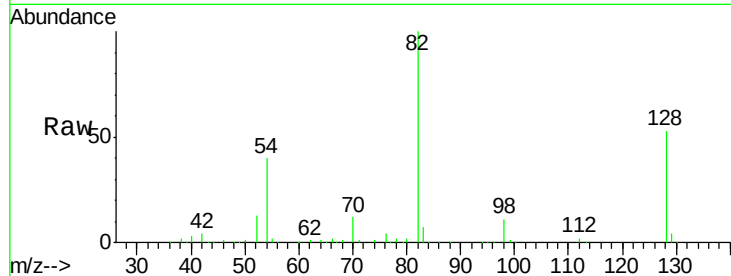




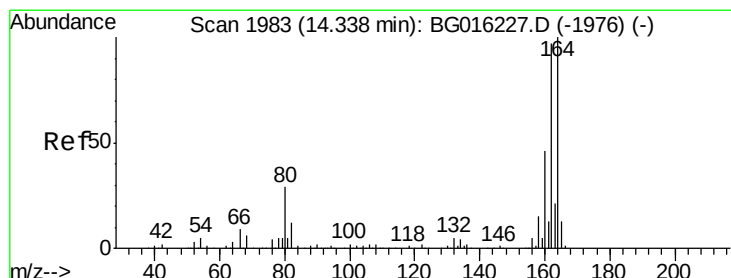
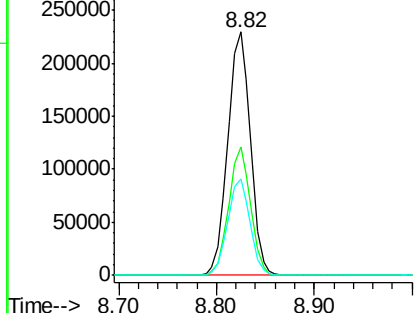
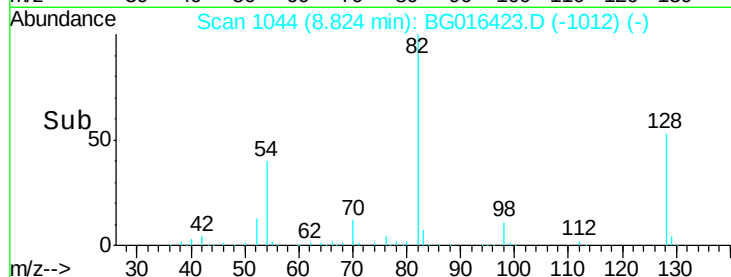
#23
 Nitrobenzene-d5
 Concen: 72.61 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BL

Tgt Ion: 82 Resp: 368499
 Ion Ratio Lower Upper
 82 100
 128 52.6 37.8 56.8
 54 39.8 32.6 49.0

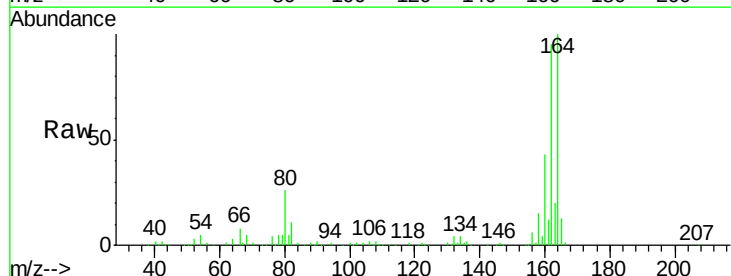


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

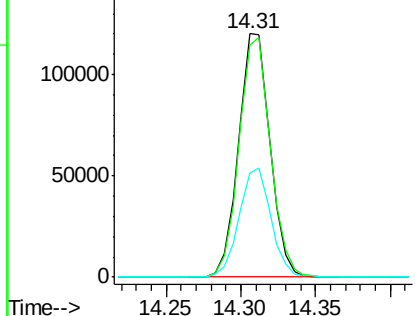
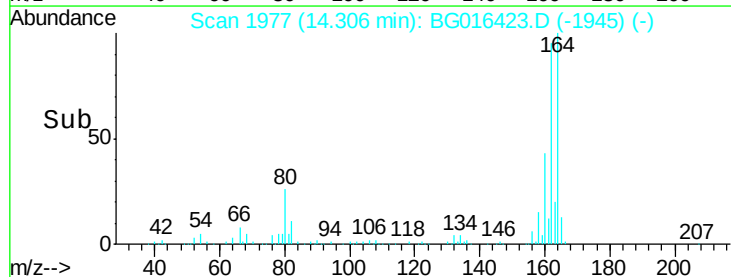


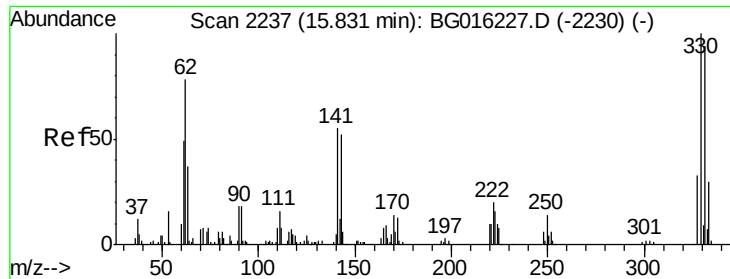
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1977
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Tgt Ion: 164 Resp: 175313
 Ion Ratio Lower Upper
 164 100
 162 95.2 77.3 115.9
 160 42.9 36.7 55.1



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

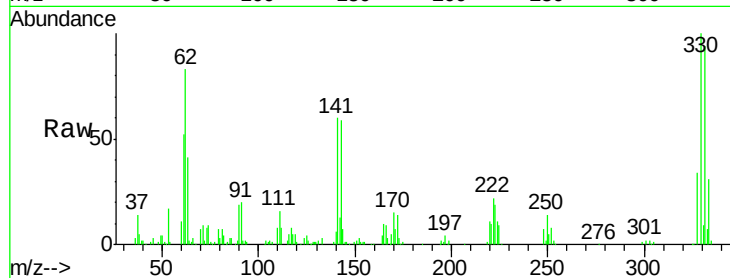




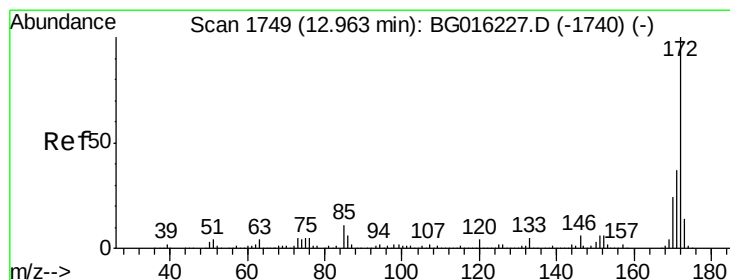
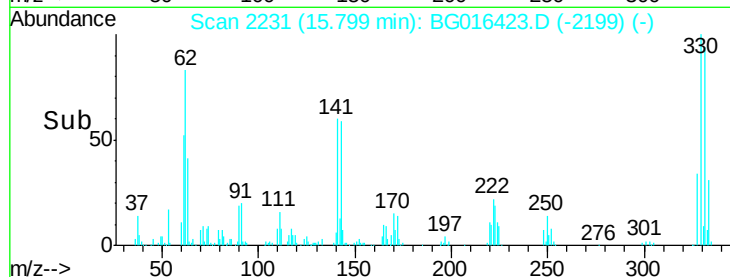
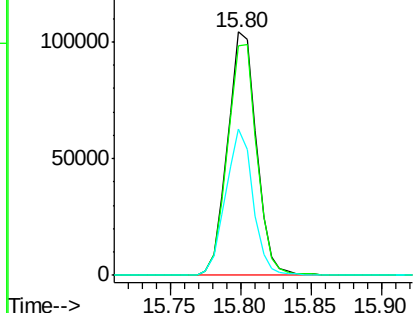
#41
 2,4,6-Tribromophenol
 Concen: 125.10 ng
 RT: 15.80 min Scan# 2231
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Instrument :
 BNA_G
 ClientSampleId :
 PB82692BL

Tgt Ion:330 Resp: 148319
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 57.4 46.6 69.8

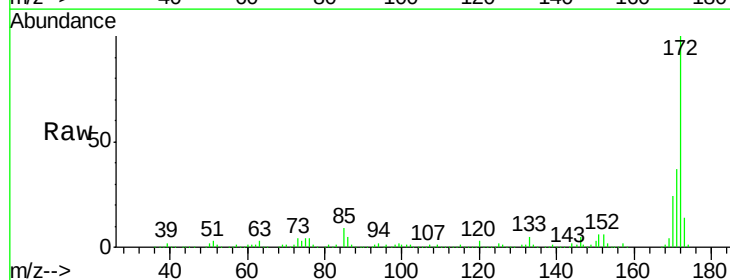


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

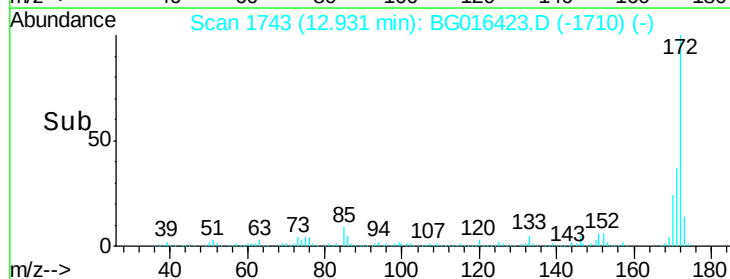
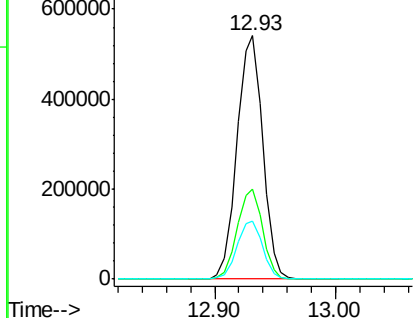


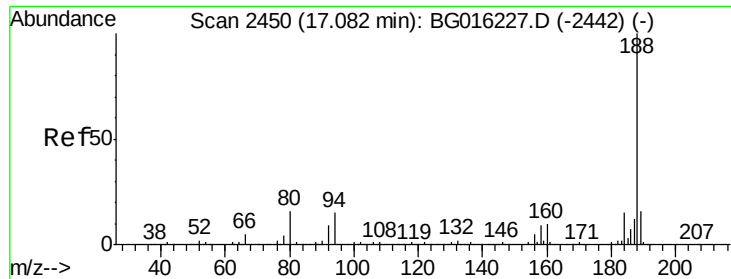
#44
 2-Fluorobiphenyl
 Concen: 77.89 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016423.D
 Acq: 15 Apr 2015 15:16

Tgt Ion:172 Resp: 802030
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.6 44.4
 170 23.8 19.4 29.2



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

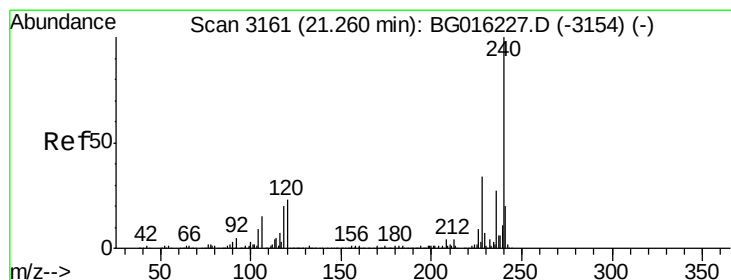
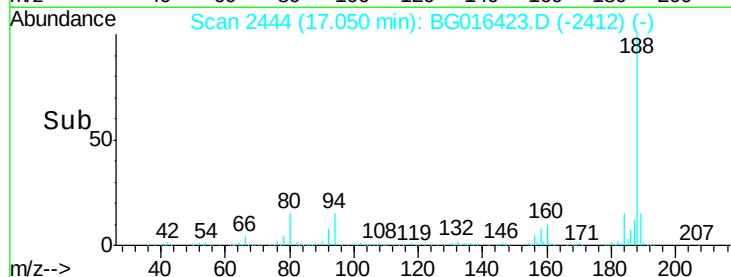
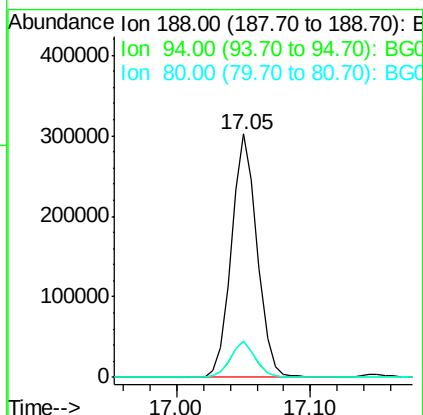
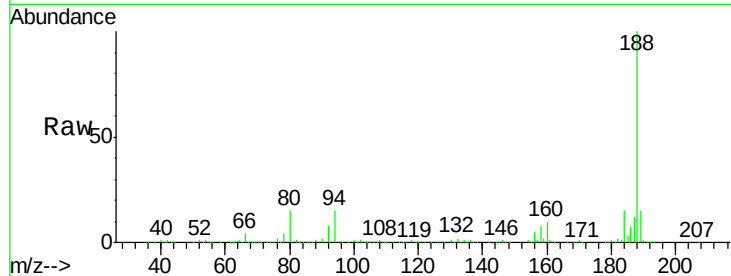




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.05 min Scan# 2444
Delta R.T. -0.01 min
Lab File: BG016423.D
Acq: 15 Apr 2015 15:16

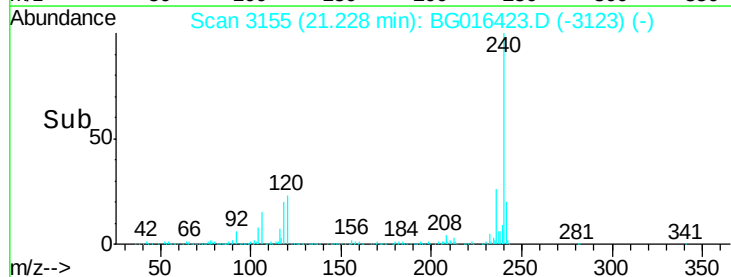
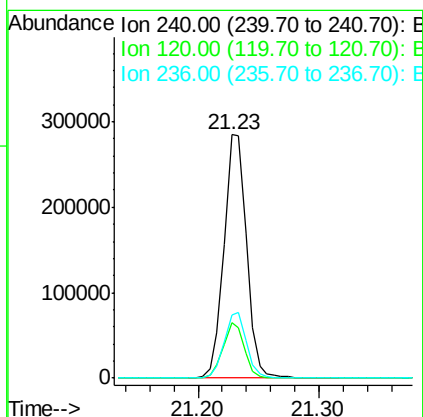
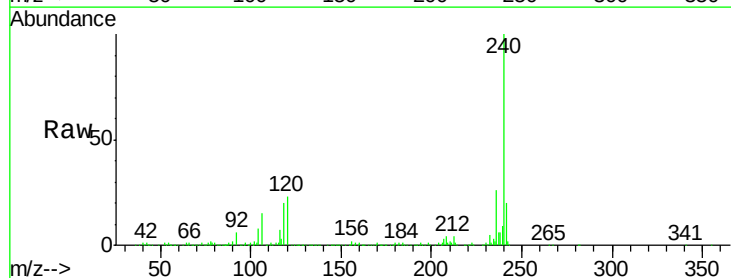
Instrument :
BNA_G
ClientSampleId :
PB82692BL

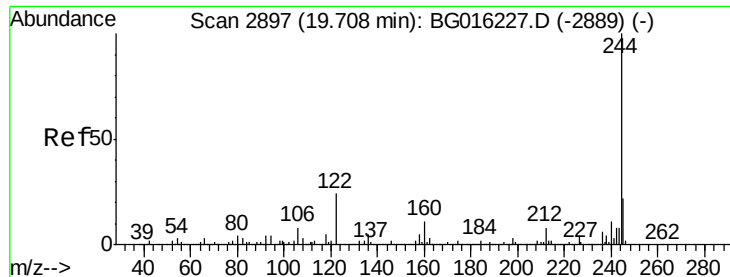
Tgt Ion:188 Resp: 403851
Ion Ratio Lower Upper
188 100
94 14.8 12.2 18.4
80 14.8 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.23 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG016423.D
Acq: 15 Apr 2015 15:16

Tgt Ion:240 Resp: 370426
Ion Ratio Lower Upper
240 100
120 22.6 18.6 28.0
236 25.9 21.7 32.5





#78

Terphenyl-d14

Concen: 68.89 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016423.D

Acq: 15 Apr 2015 15:16

Instrument :

BNA_G

ClientSampleID :

PB82692BL

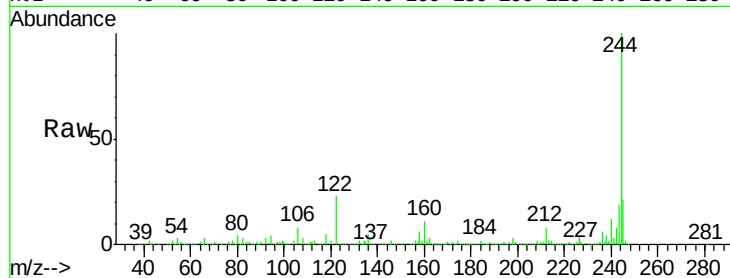
Tgt Ion:244 Resp: 1090409

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

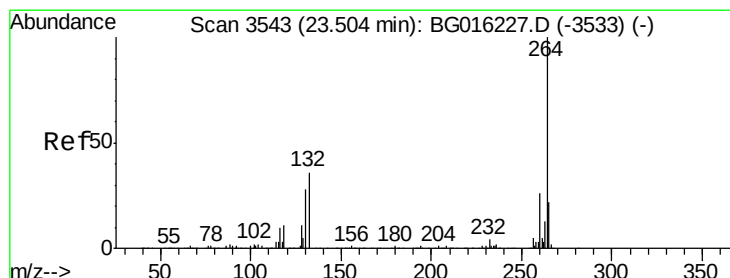
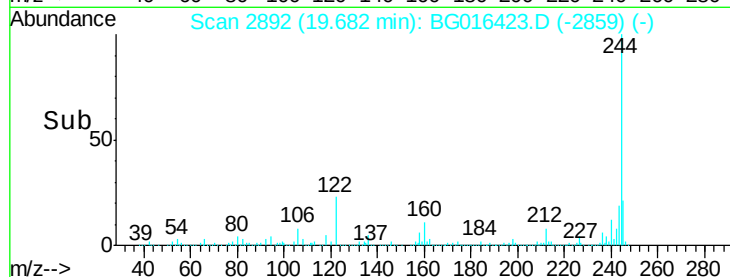
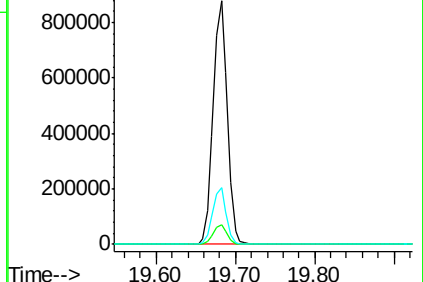
122 23.1 19.1 28.7



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: 23.47 min Scan# 3536

Delta R.T. -0.00 min

Lab File: BG016423.D

Acq: 15 Apr 2015 15:16

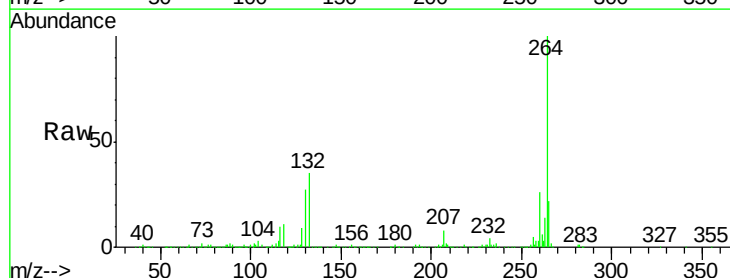
Tgt Ion:264 Resp: 341001

Ion Ratio Lower Upper

264 100

260 25.6 20.4 30.6

265 22.2 17.2 25.8



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

