

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041515\
 Data File : BG016434.D
 Acq On : 15 Apr 2015 21:38
 Operator : TP/IZ
 Sample : G1829-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PO-005

Quant Time: Apr 16 03:27:26 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	83488	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	394568	20.00	ng	-0.01
38) Acenaphthene-d10	14.31	164	239353	20.00	ng	0.00
63) Phenanthrene-d10	17.05	188	463768	20.00	ng	-0.01
75) Chrysene-d12	21.23	240	374491	20.00	ng	0.00
86) Perylene-d12	23.46	264	353170	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	315787	59.69	ng	0.00
7) Phenol-d6	6.86	99	298884	37.64	ng	0.00
23) Nitrobenzene-d5	8.82	82	548509	80.53	ng	-0.01
41) 2,4,6-Tribromophenol	15.80	330	243000	150.12	ng	0.00
44) 2-Fluorobiphenyl	12.93	172	1298308	92.35	ng	0.00
78) Terphenyl-d14	19.68	244	1281215	80.07	ng	0.00

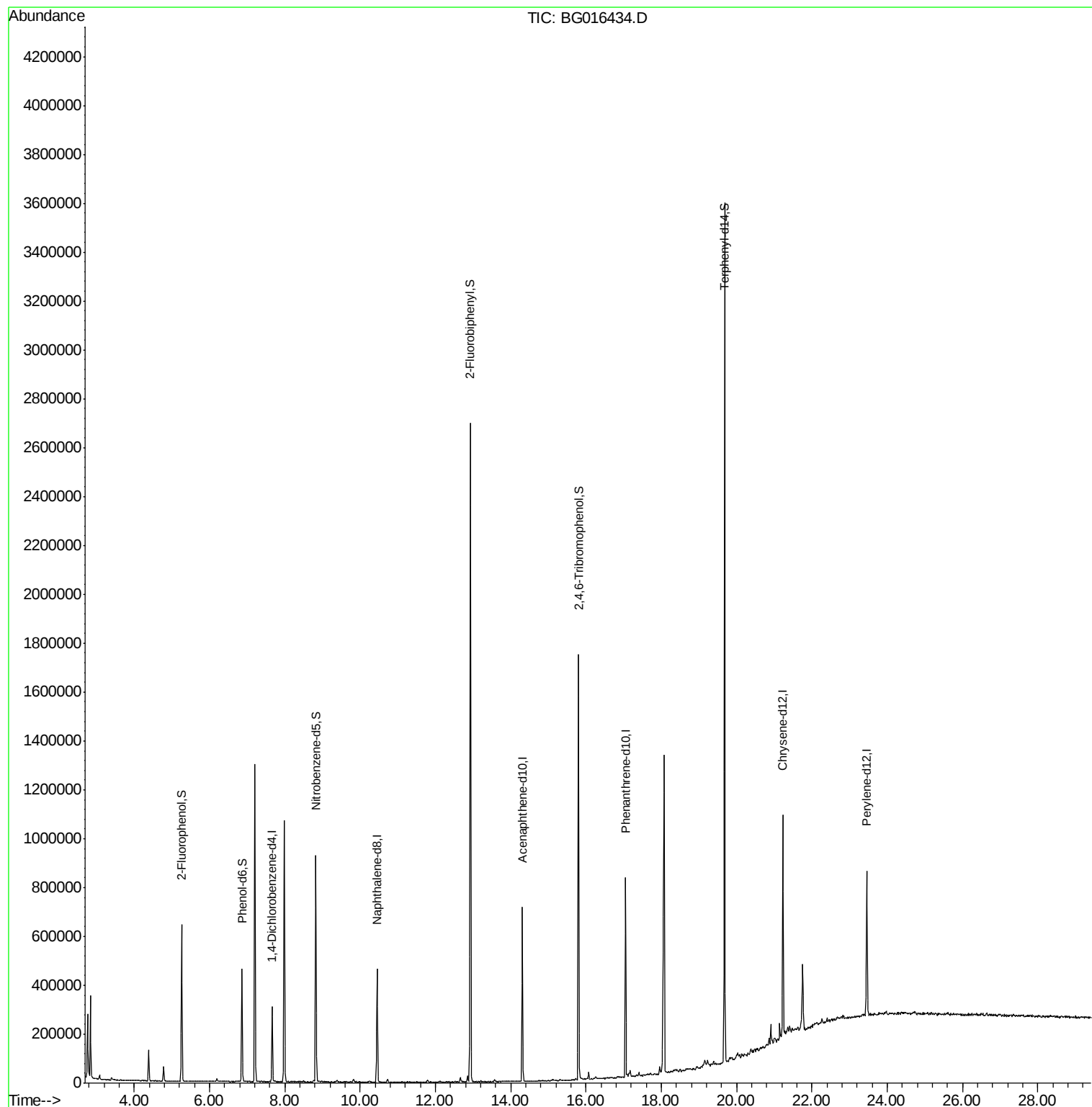
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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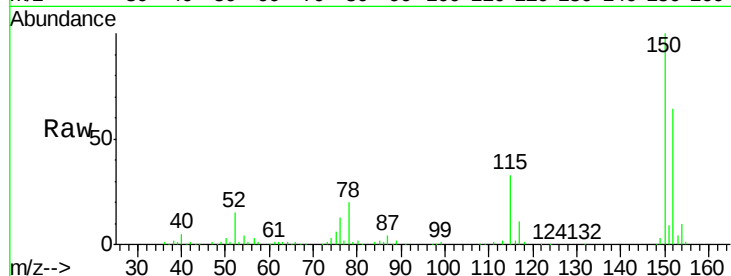


#1

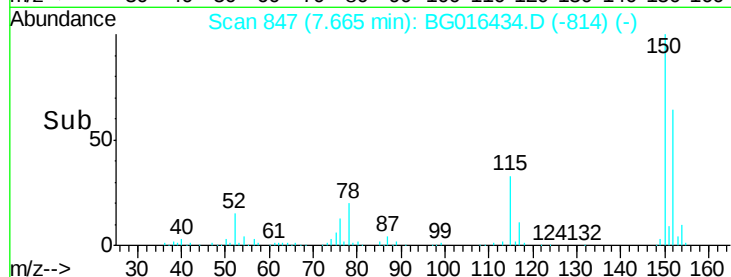
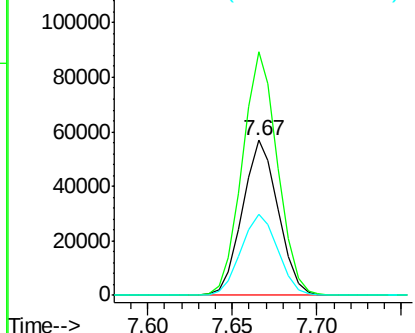
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.67 min Scan# 847
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

Instrument :
 BNA_G
 ClientSampleId :
 PO-005

Tgt Ion:152 Resp: 83488
 Ion Ratio Lower Upper
 152 100
 150 157.1 130.1 195.1
 115 51.9 50.5 75.7



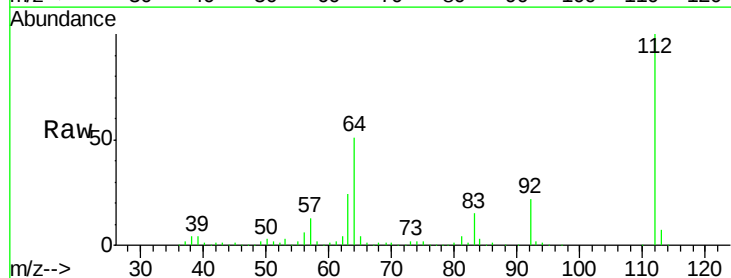
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



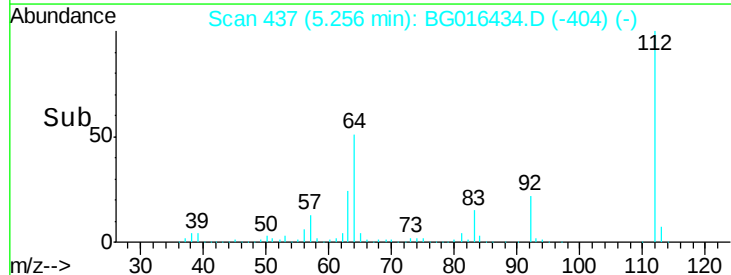
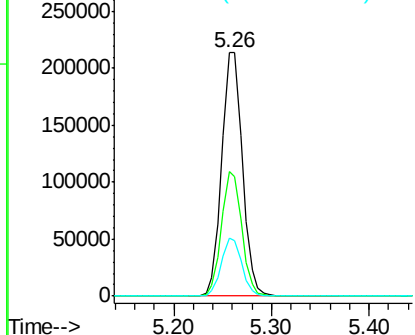
#5

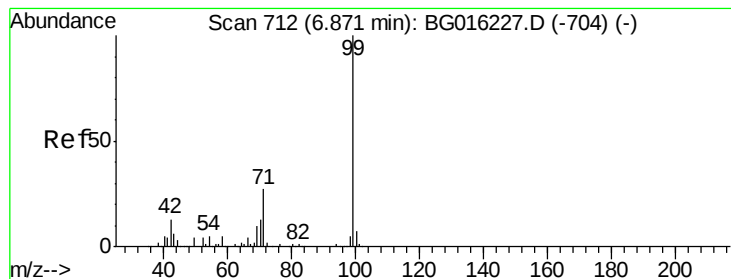
2-Fluorophenol
 Concen: 59.69 ng
 RT: 5.26 min Scan# 437
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

Tgt Ion:112 Resp: 315787
 Ion Ratio Lower Upper
 112 100
 64 51.2 44.5 66.7
 63 23.7 21.4 32.0



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: 37.64 ng

RT: 6.86 min Scan# 710

Delta R.T. -0.00 min

Lab File: BG016434.D

Acq: 15 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

PO-005

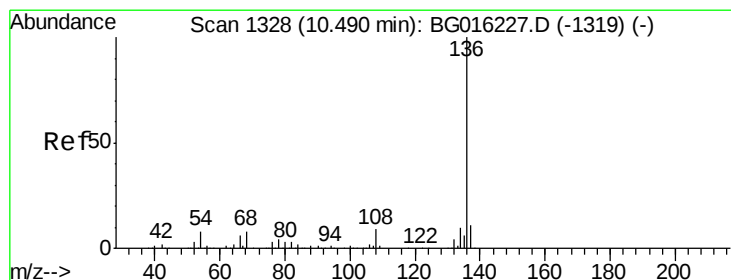
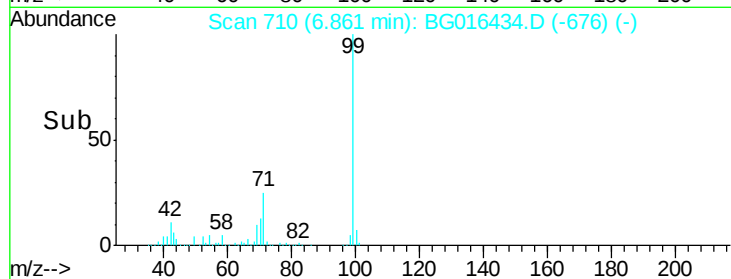
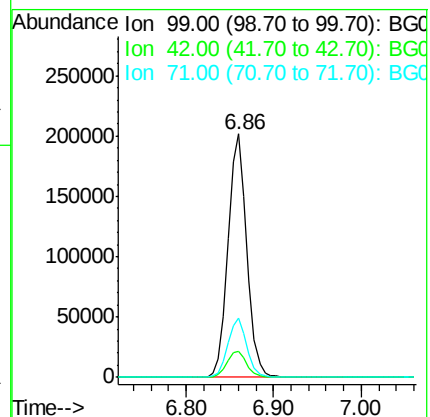
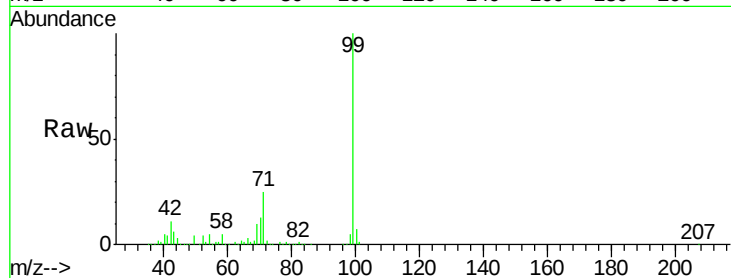
Tgt Ion: 99 Resp: 298884

Ion Ratio Lower Upper

99 100

42 10.9 10.0 15.0

71 24.6 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: BG016434.D

Acq: 15 Apr 2015 21:38

Tgt Ion: 136 Resp: 394568

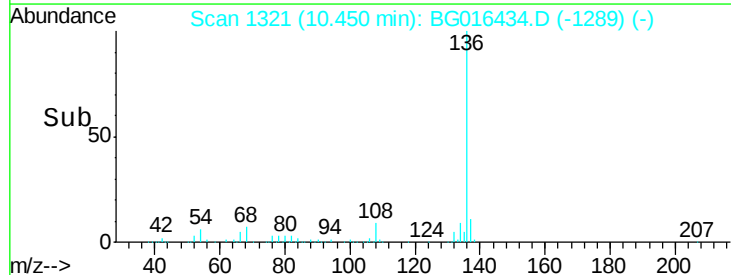
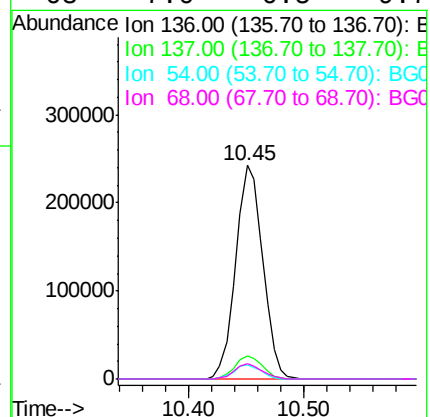
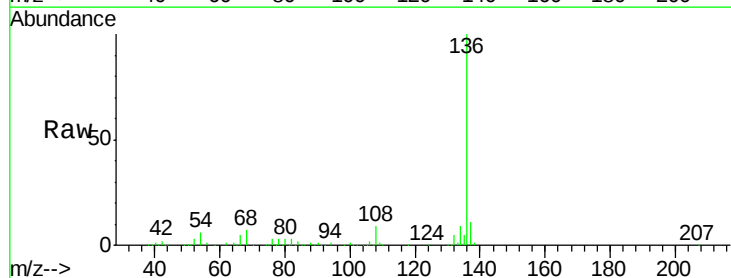
Ion Ratio Lower Upper

136 100

137 11.0 8.7 13.1

54 6.3 6.3 9.5#

68 7.0 6.5 9.7

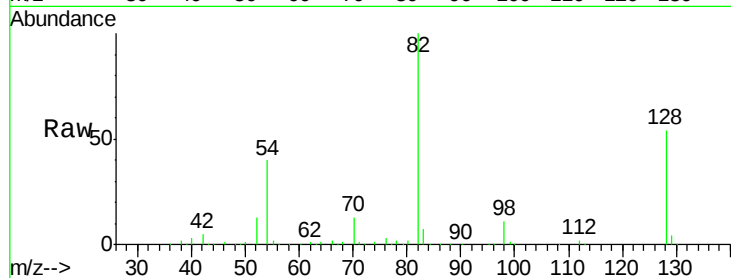




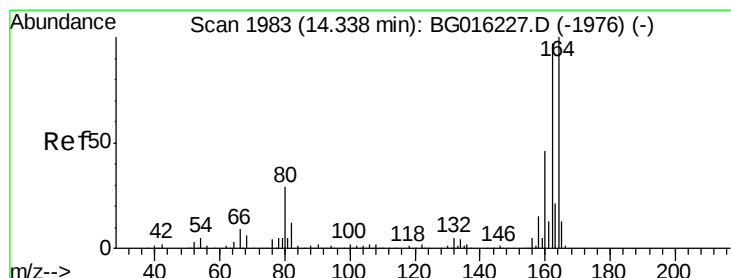
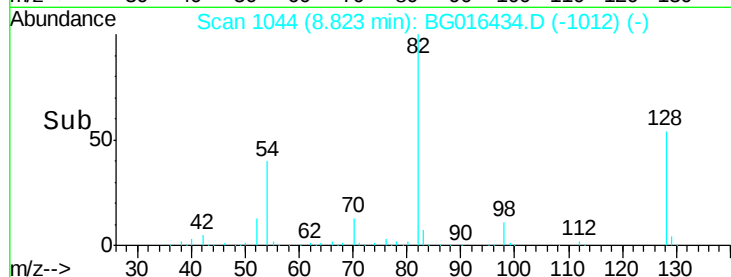
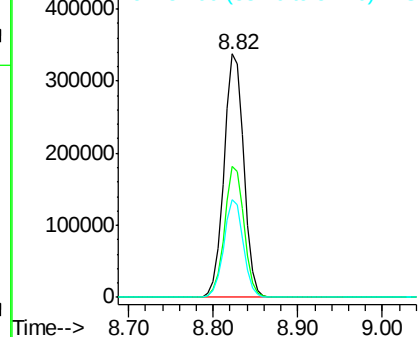
#23
 Nitrobenzene-d5
 Concen: 80.53 ng
 RT: 8.82 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

Instrument :
 BNA_G
 ClientSampleId :
 PO-005

Tgt Ion: 82 Resp: 548509
 Ion Ratio Lower Upper
 82 100
 128 53.7 37.8 56.8
 54 40.3 32.6 49.0

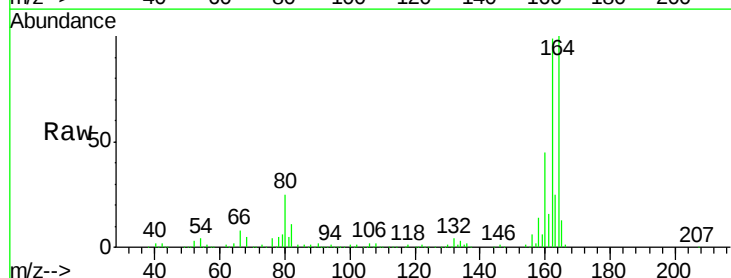


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

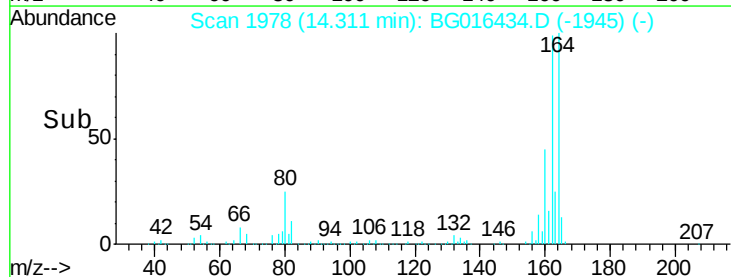
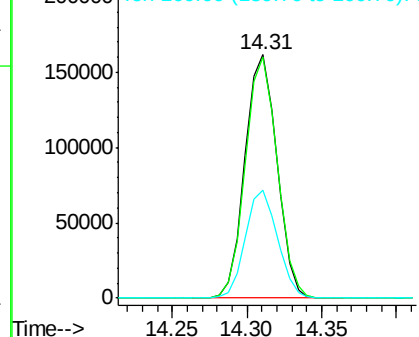


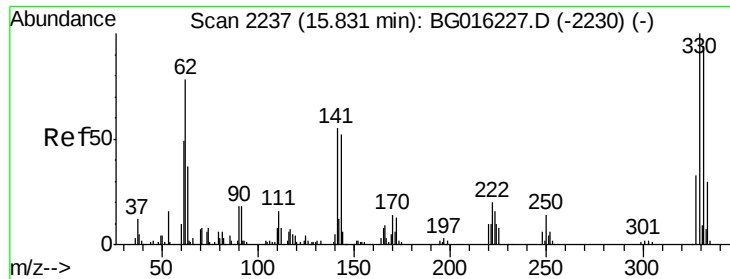
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.31 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

Tgt Ion: 164 Resp: 239353
 Ion Ratio Lower Upper
 164 100
 162 98.8 77.3 115.9
 160 44.5 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

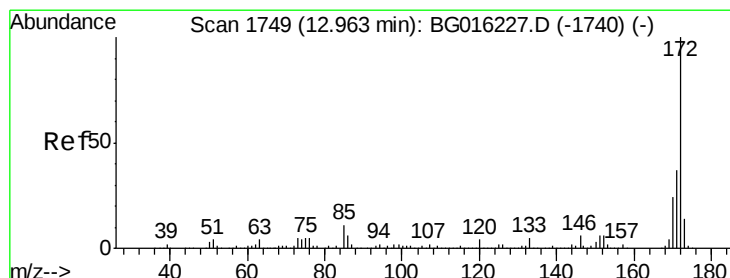
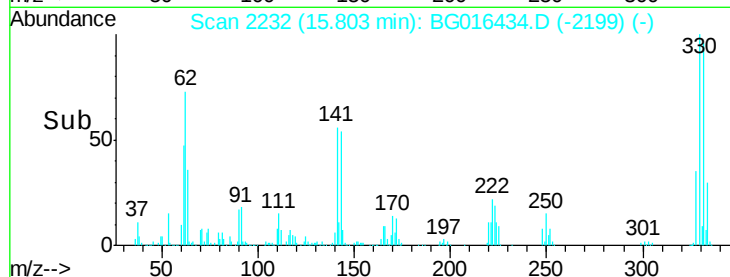
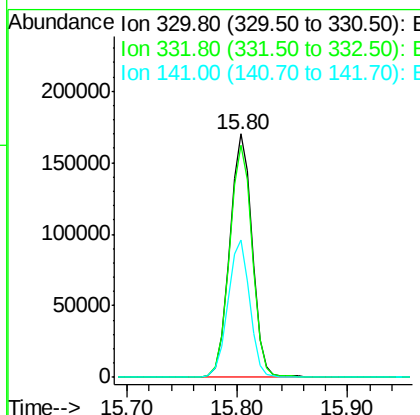
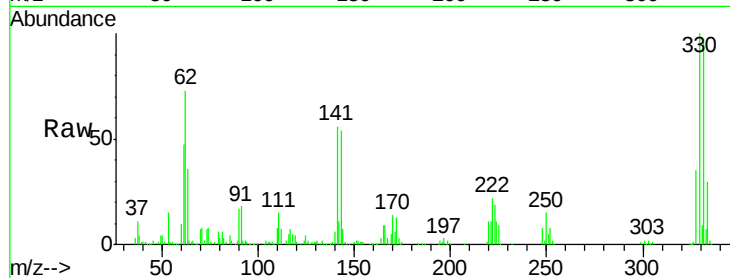




#41
 2,4,6-Tribromophenol
 Concen: 150.12 ng
 RT: 15.80 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

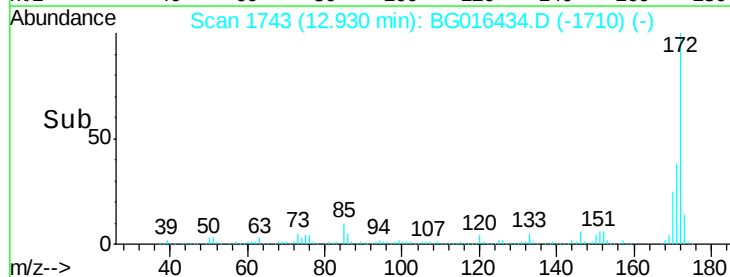
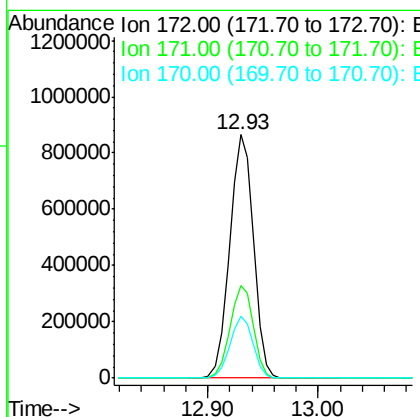
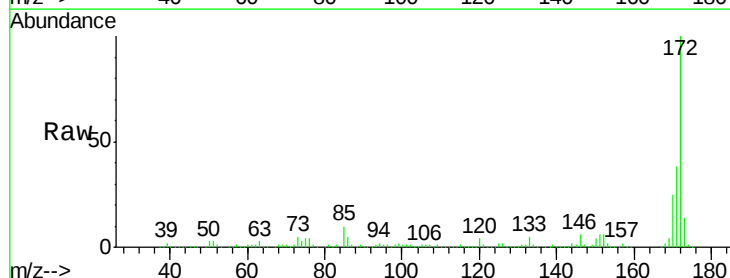
Instrument :
 BNA_G
 ClientSampleId :
 PO-005

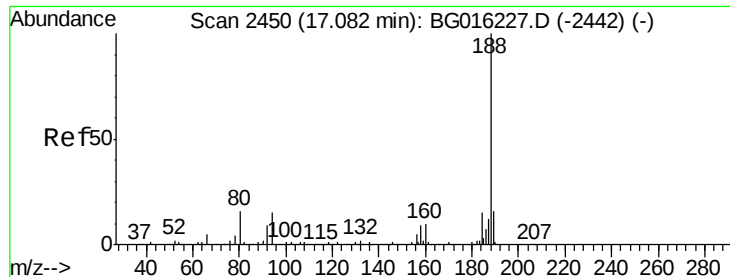
Tgt Ion:330 Resp: 243000
 Ion Ratio Lower Upper
 330 100
 332 96.4 75.8 113.6
 141 54.7 46.6 69.8



#44
 2-Fluorobiphenyl
 Concen: 92.35 ng
 RT: 12.93 min Scan# 1743
 Delta R.T. -0.01 min
 Lab File: BG016434.D
 Acq: 15 Apr 2015 21:38

Tgt Ion:172 Resp: 1298308
 Ion Ratio Lower Upper
 172 100
 171 38.2 29.6 44.4
 170 25.5 19.4 29.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.05 min Scan# 2444

Delta R.T. -0.01 min

Lab File: BG016434.D

Acq: 15 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

PO-005

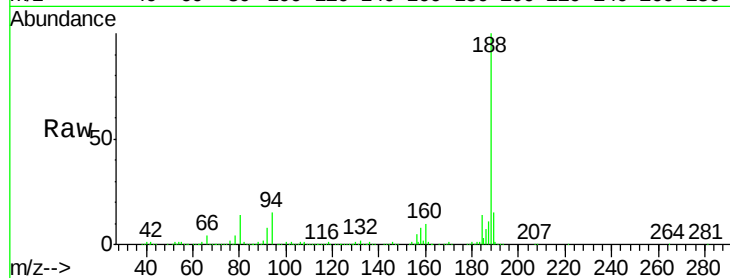
Tgt Ion:188 Resp: 463768

Ion Ratio Lower Upper

188 100

94 14.6 12.2 18.4

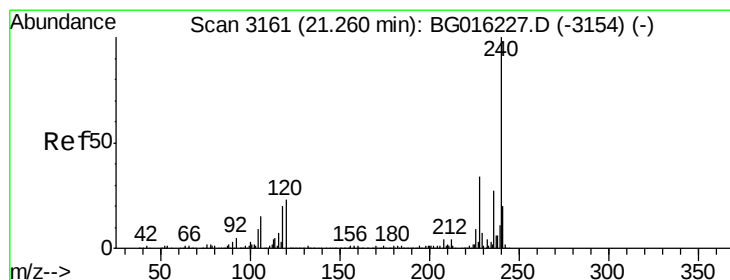
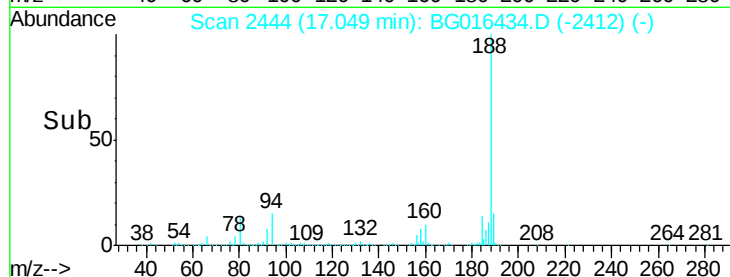
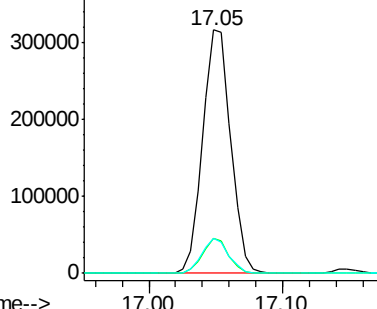
80 14.1 12.8 19.2



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: 21.23 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG016434.D

Acq: 15 Apr 2015 21:38

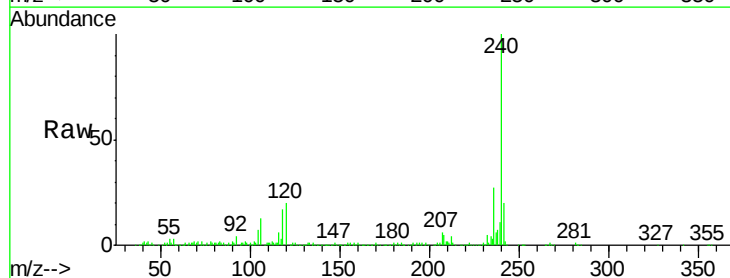
Tgt Ion:240 Resp: 374491

Ion Ratio Lower Upper

240 100

120 19.6 18.6 28.0

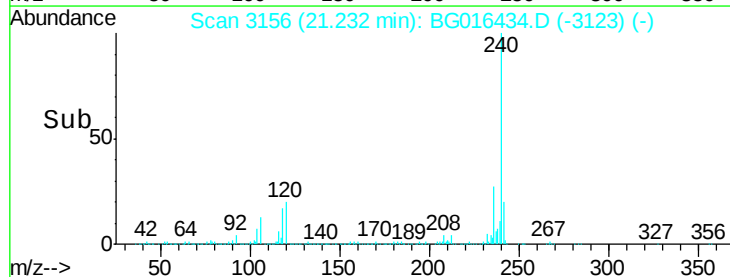
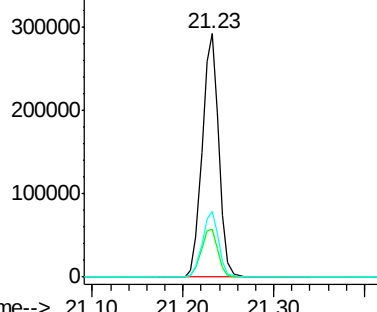
236 26.7 21.7 32.5

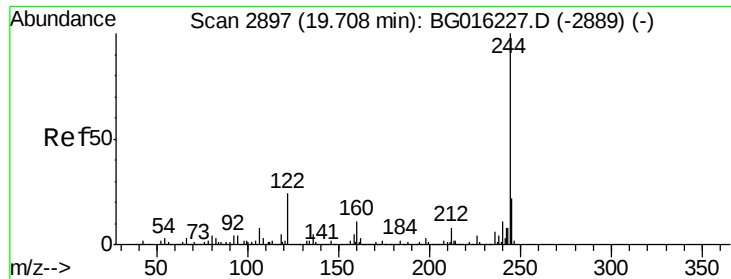


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 80.07 ng

RT: 19.68 min Scan# 2892

Delta R.T. -0.01 min

Lab File: BG016434.D

Acq: 15 Apr 2015 21:38

Instrument :

BNA_G

ClientSampleId :

PO-005

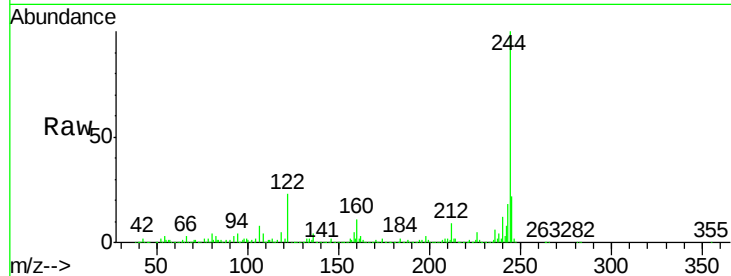
Tgt Ion:244 Resp: 1281215

Ion Ratio Lower Upper

244 100

212 8.7 6.6 9.8

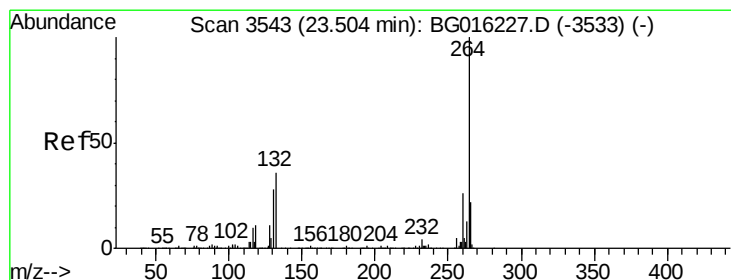
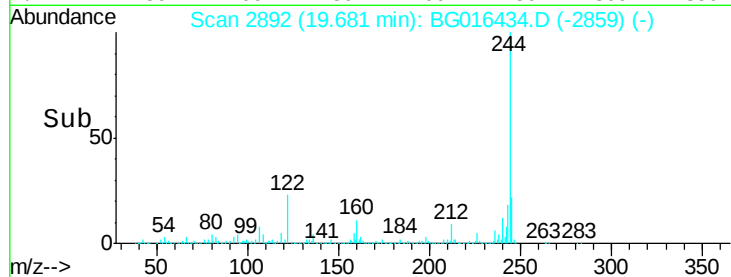
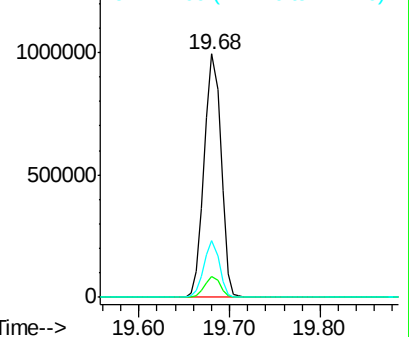
122 23.5 19.1 28.7



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: 23.46 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG016434.D

Acq: 15 Apr 2015 21:38

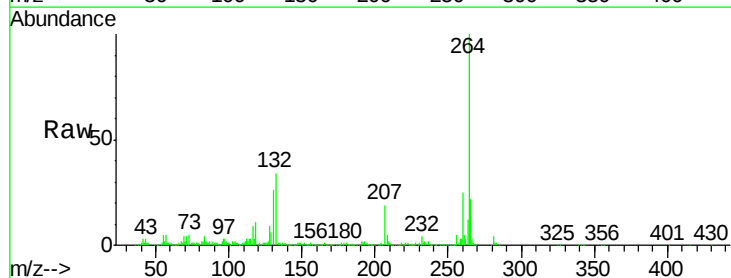
Tgt Ion:264 Resp: 353170

Ion Ratio Lower Upper

264 100

260 25.2 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

