

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG040615\
 Data File : BG016243.D
 Acq On : 7 Apr 2015 3:46
 Operator : TP/IZ
 Sample : G1757-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-04-02

Quant Time: Apr 07 07:19:11 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 07:38:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	64857	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	302217	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	185873	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	406487	20.00	ng	0.00
75) Chrysene-d12	21.25	240	382502	20.00	ng	0.00
86) Perylene-d12	23.50	264	344408	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	249246	60.65	ng	0.00
7) Phenol-d6	6.87	99	218742	35.46	ng	0.00
23) Nitrobenzene-d5	8.86	82	452045	86.65	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	181950	144.74	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	989046	90.60	ng	0.00
78) Terphenyl-d14	19.71	244	1358288	83.11	ng	0.00

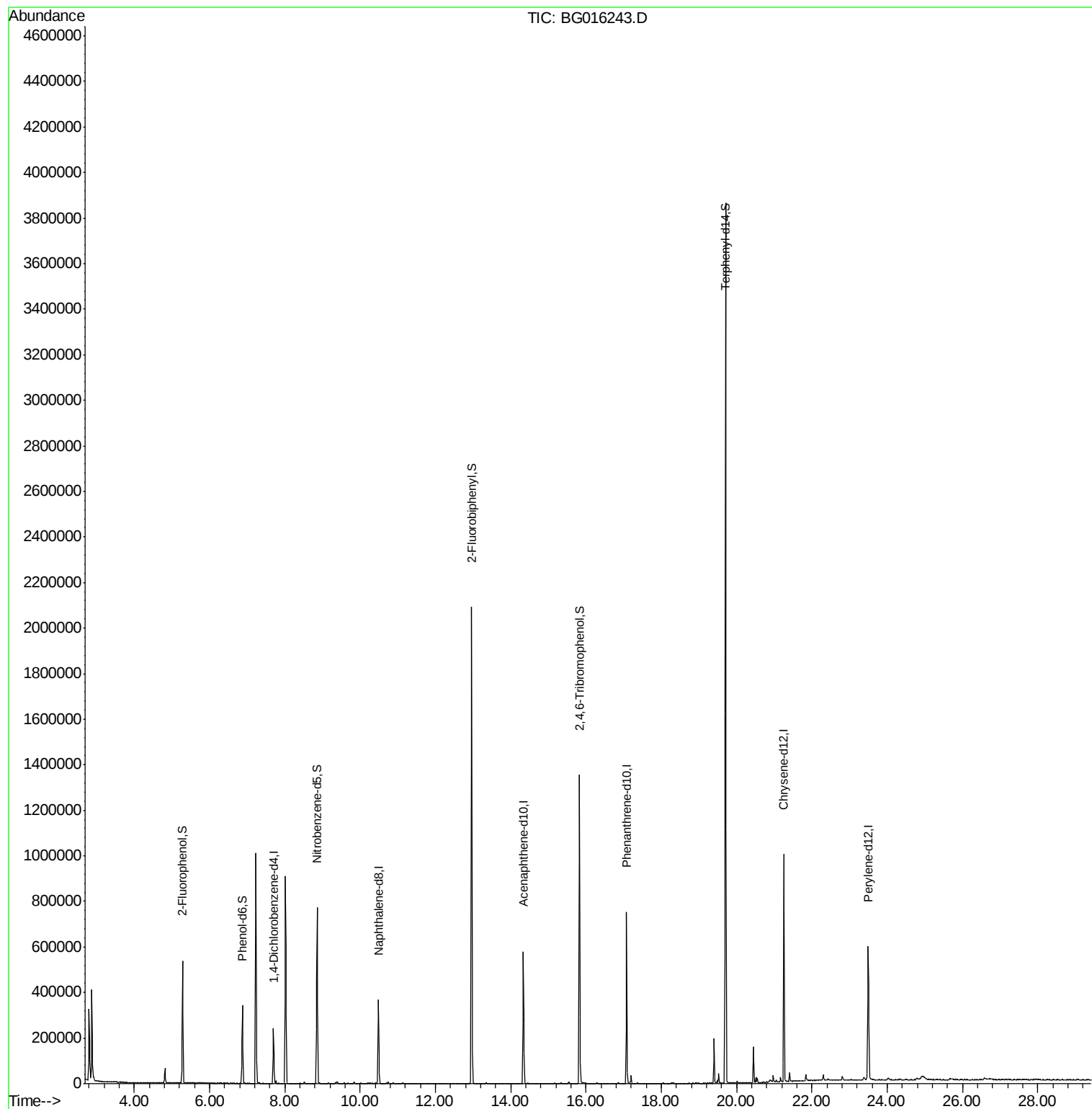
Target Compounds	Qvalue
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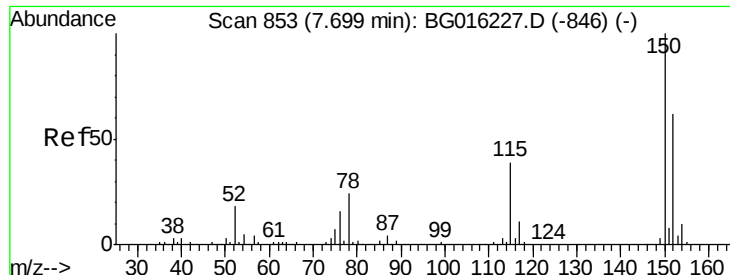
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

EB-2015-04-02

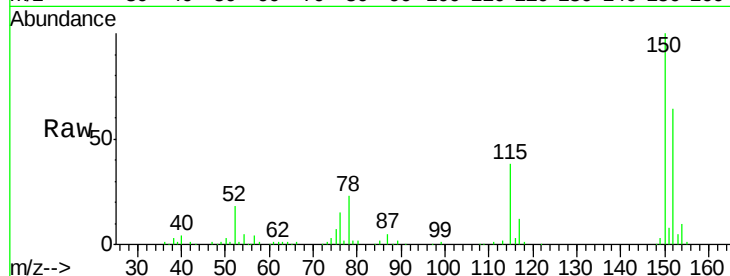
Tgt Ion:152 Resp: 64857

Ion Ratio Lower Upper

152 100

150 156.6 130.1 195.1

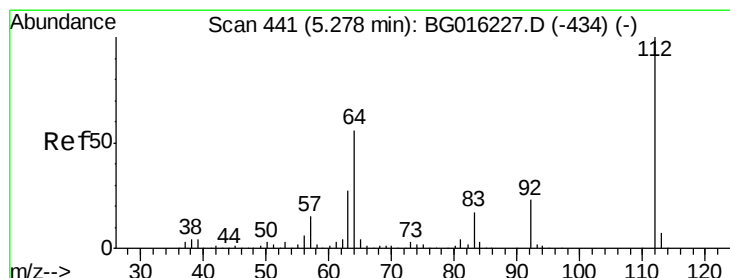
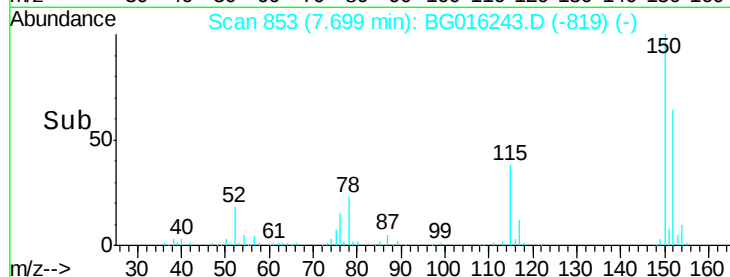
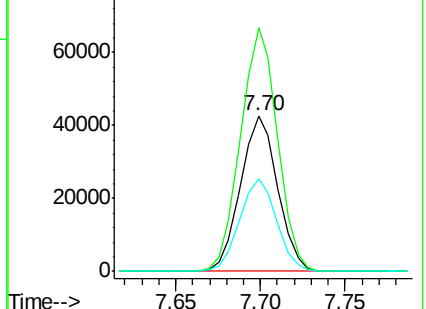
115 59.5 50.5 75.7



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: 60.65 ng

RT: 5.28 min Scan# 441

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

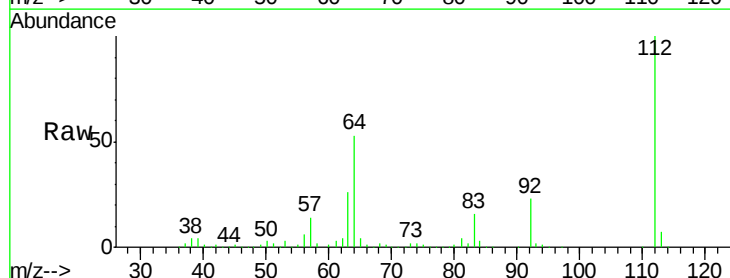
Tgt Ion:112 Resp: 249246

Ion Ratio Lower Upper

112 100

64 53.2 44.5 66.7

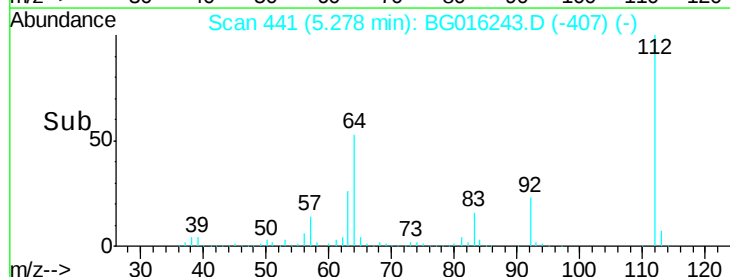
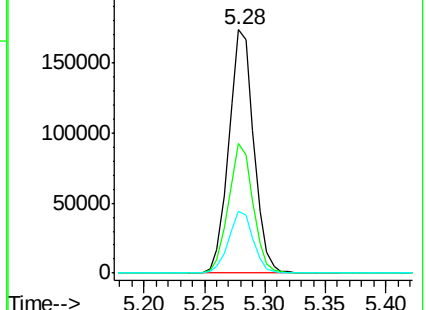
63 25.5 21.4 32.0



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: 35.46 ng

RT: 6.87 min Scan# 712

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

EB-2015-04-02

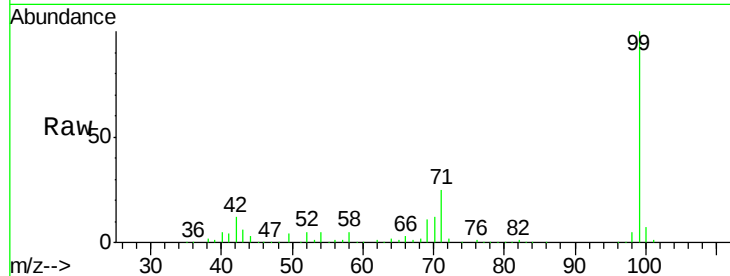
Tgt Ion: 99 Resp: 218742

Ion Ratio Lower Upper

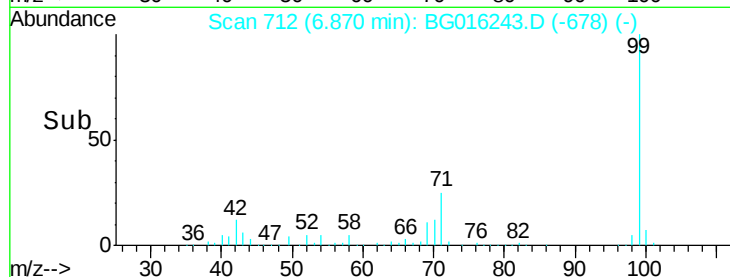
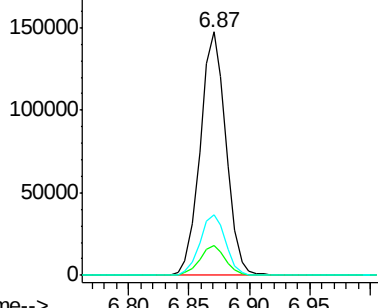
99 100

42 12.2 10.0 15.0

71 24.6 21.5 32.3



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: 10.48 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

Tgt Ion: 136 Resp: 302217

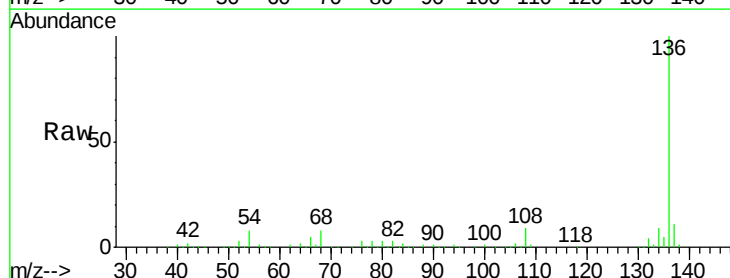
Ion Ratio Lower Upper

136 100

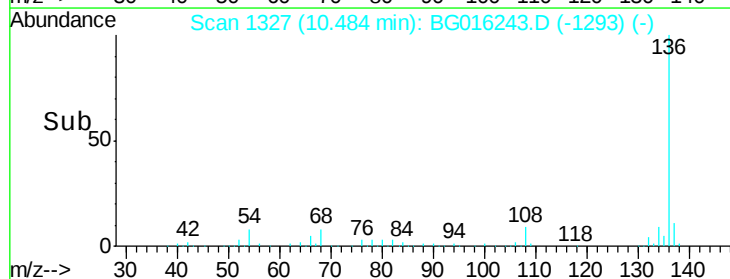
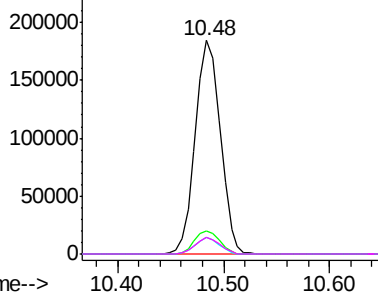
137 11.0 8.7 13.1

54 7.7 6.3 9.5

68 7.7 6.5 9.7



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

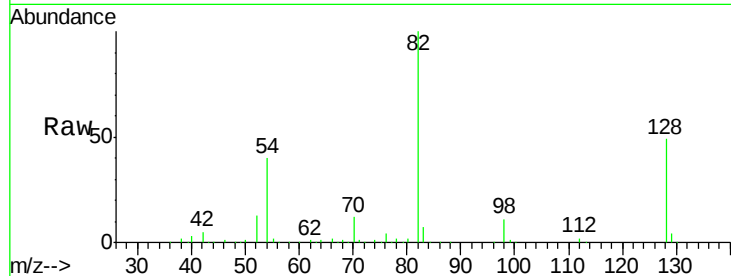




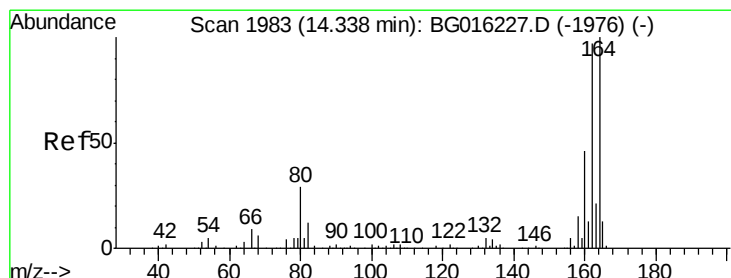
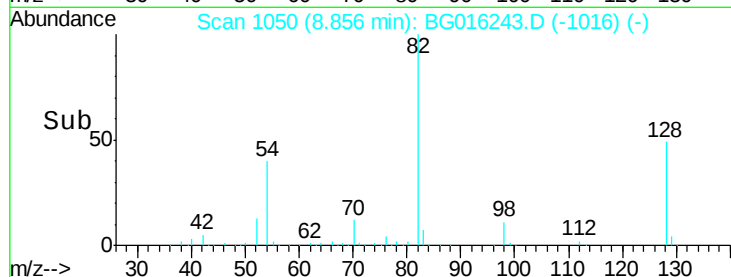
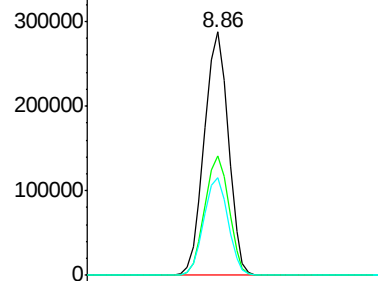
#23
Nitrobenzene-d5
Concen: 86.65 ng
RT: 8.86 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BG016243.D
Acq: 7 Apr 2015 3:46

Instrument :
BNA_G
ClientSampleId :
EB-2015-04-02

Tgt Ion: 82 Resp: 452045
Ion Ratio Lower Upper
82 100
128 49.1 37.8 56.8
54 40.0 32.6 49.0

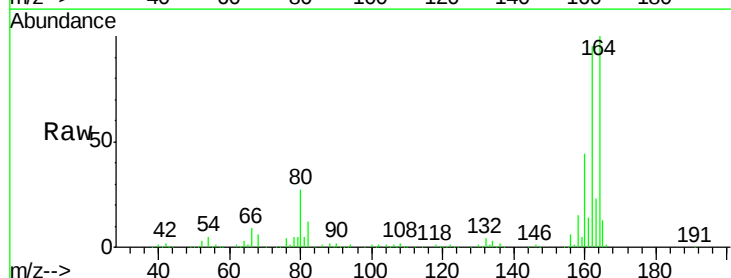


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

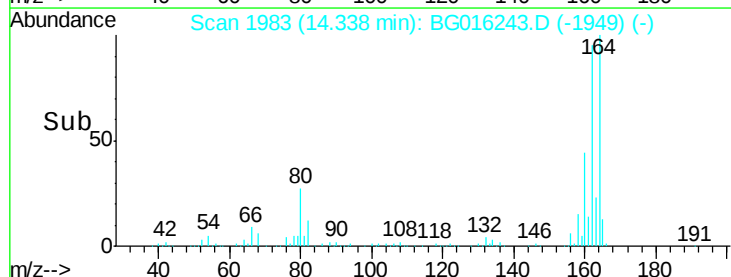
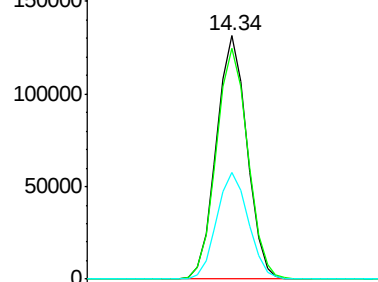


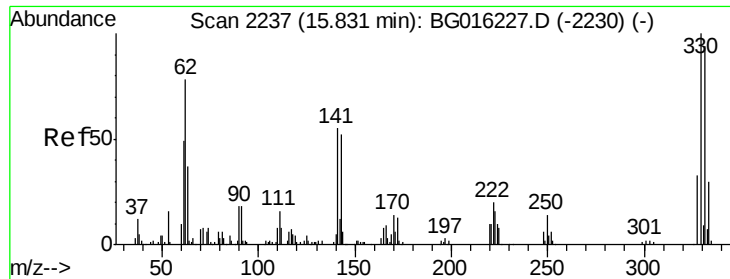
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.34 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG016243.D
Acq: 7 Apr 2015 3:46

Tgt Ion: 164 Resp: 185873
Ion Ratio Lower Upper
164 100
162 94.6 77.3 115.9
160 44.0 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

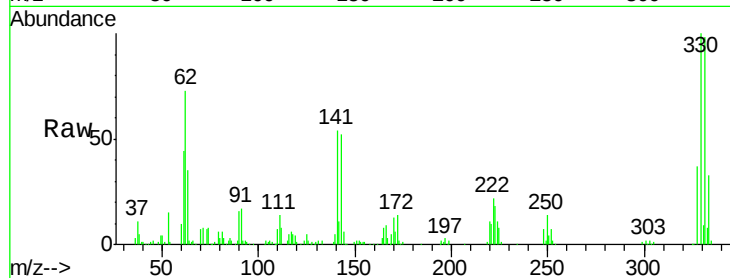




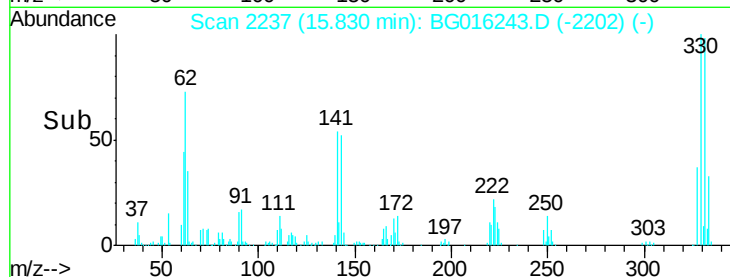
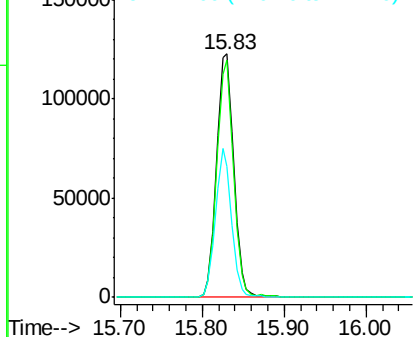
#41
 2,4,6-Tribromophenol
 Concen: 144.74 ng
 RT: 15.83 min Scan# 2237
 Delta R.T. 0.00 min
 Lab File: BG016243.D
 Acq: 7 Apr 2015 3:46

Instrument :
 BNA_G
 ClientSampleId :
 EB-2015-04-02

Tgt Ion:330 Resp: 181950
 Ion Ratio Lower Upper
 330 100
 332 94.4 75.8 113.6
 141 56.6 46.6 69.8

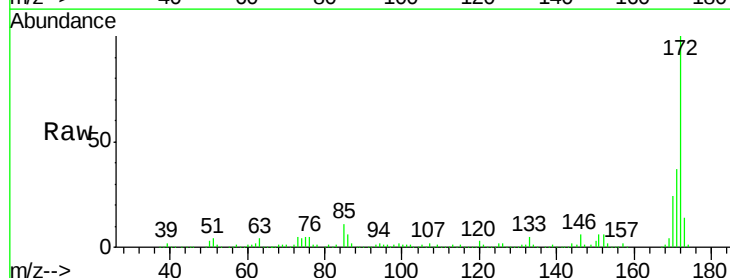


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

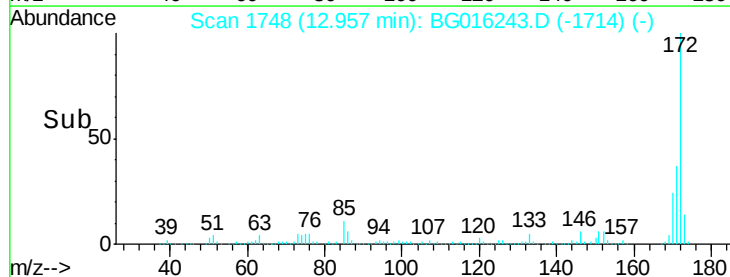
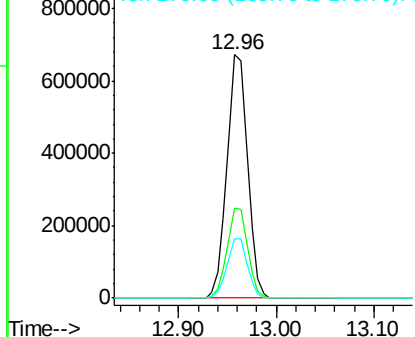


#44
 2-Fluorobiphenyl
 Concen: 90.60 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: BG016243.D
 Acq: 7 Apr 2015 3:46

Tgt Ion:172 Resp: 989046
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.6 44.4
 170 24.3 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

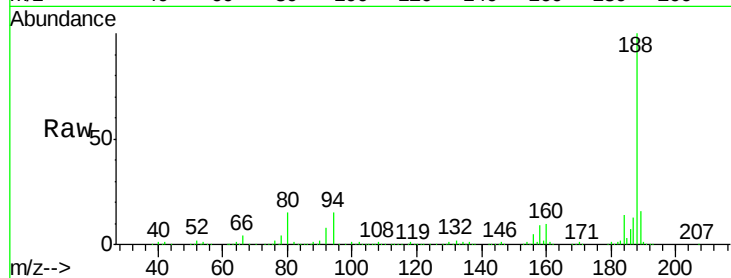




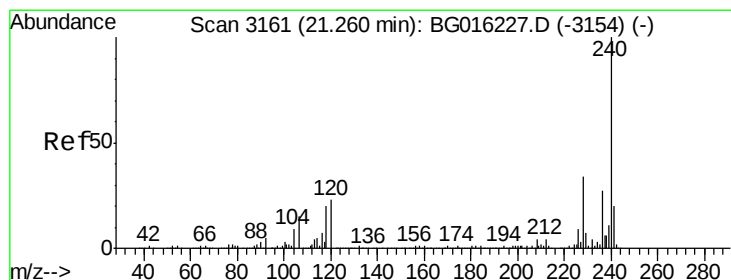
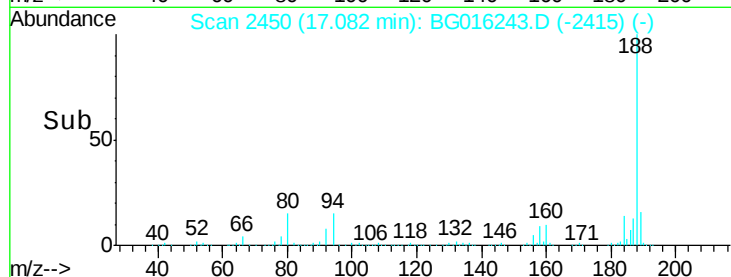
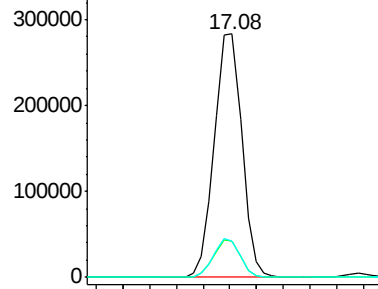
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG016243.D
Acq: 7 Apr 2015 3:46

Instrument :
BNA_G
ClientSampleId :
EB-2015-04-02

Tgt Ion:188 Resp: 406487
Ion Ratio Lower Upper
188 100
94 14.6 12.2 18.4
80 15.0 12.8 19.2

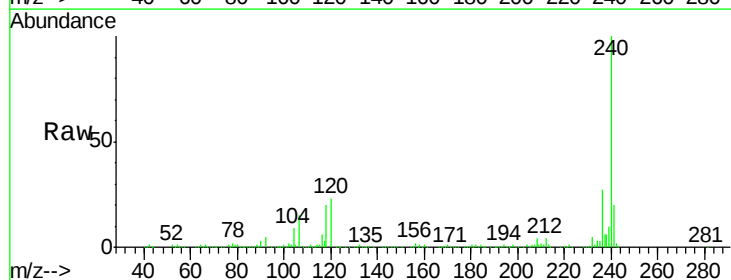


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

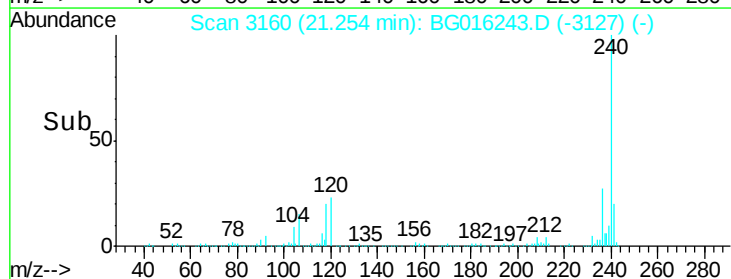
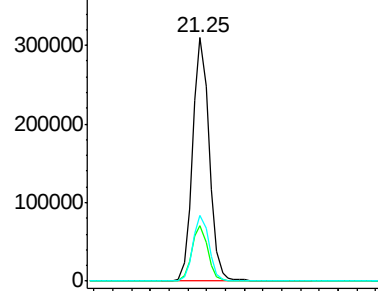


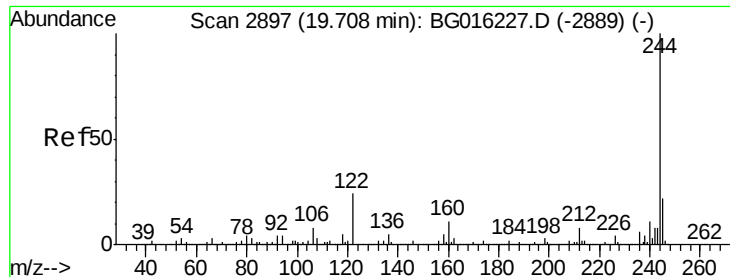
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016243.D
Acq: 7 Apr 2015 3:46

Tgt Ion:240 Resp: 382502
Ion Ratio Lower Upper
240 100
120 22.5 18.6 28.0
236 26.8 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: 83.11 ng

RT: 19.71 min Scan# 2897

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

EB-2015-04-02

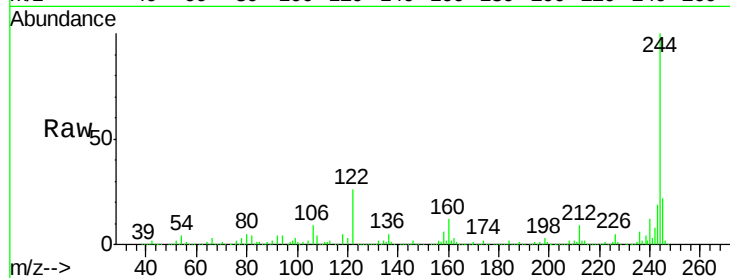
Tgt Ion:244 Resp: 1358288

Ion Ratio Lower Upper

244 100

212 8.9 6.6 9.8

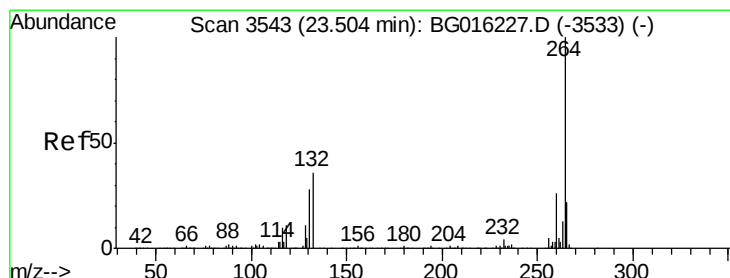
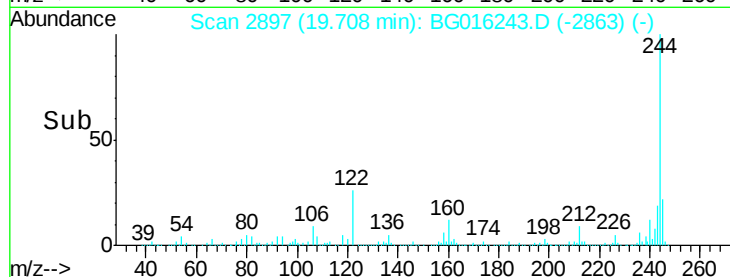
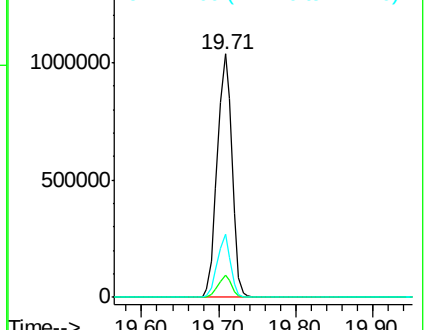
122 25.8 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BG016243.D

Acq: 7 Apr 2015 3:46

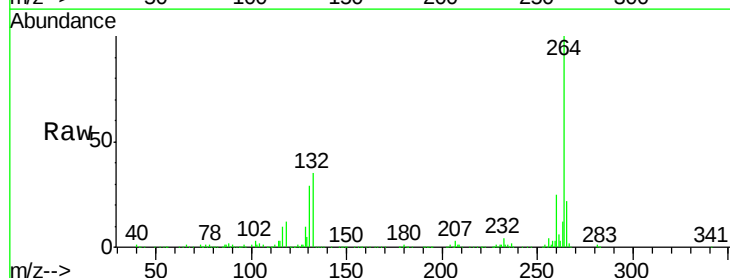
Tgt Ion:264 Resp: 344408

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 21.7 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

