

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016356.D
 Acq On : 11 Apr 2015 15:46
 Operator : TP/IZ
 Sample : G1831-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-9

Quant Time: Apr 13 03:35:53 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 04:17:17 2015
 Response via : Initial Calibration

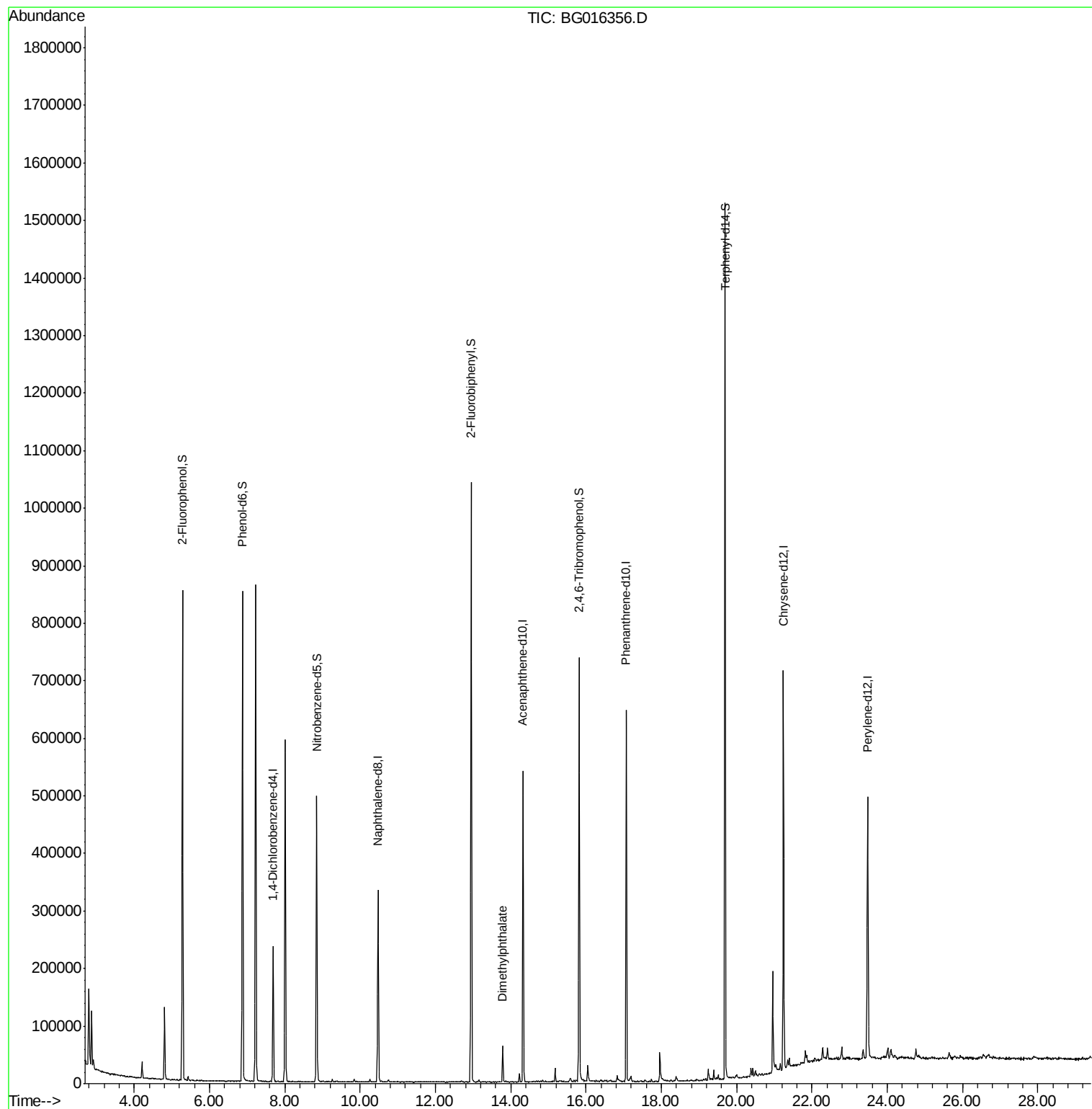
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	65260	20.00	ng	-0.01
21) Naphthalene-d8	10.48	136	291852	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	173354	20.00	ng	-0.01
63) Phenanthrene-d10	17.07	188	344397	20.00	ng	-0.01
75) Chrysene-d12	21.24	240	285829	20.00	ng	-0.02
86) Perylene-d12	23.49	264	269868	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	391376	94.65	ng	0.00
7) Phenol-d6	6.87	99	560773	90.34	ng	0.00
23) Nitrobenzene-d5	8.85	82	289763	57.52	ng	-0.01
41) 2,4,6-Tribromophenol	15.82	330	106053	90.46	ng	-0.01
44) 2-Fluorobiphenyl	12.95	172	538697	52.91	ng	-0.01
78) Terphenyl-d14	19.70	244	593311	48.58	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.79	163	40078	3.15	ng	Qvalue 99

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

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Quant Time: Apr 13 03:35:53 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 851

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Instrument :

BNA_G

ClientSampled :

PE-9

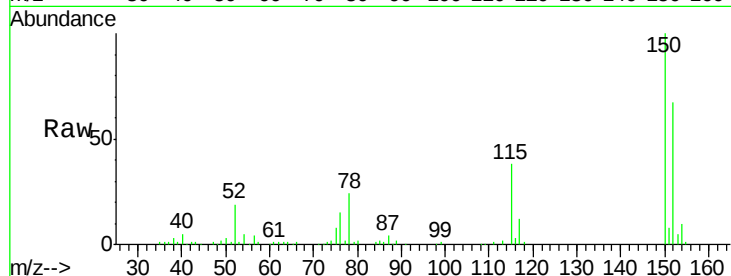
Tgt Ion:152 Resp: 65260

Ion Ratio Lower Upper

152 100

150 148.7 130.1 195.1

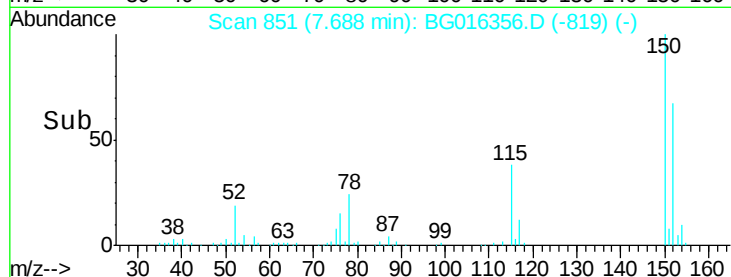
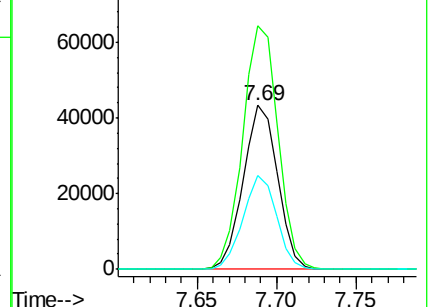
115 57.2 50.5 75.7



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: 94.65 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

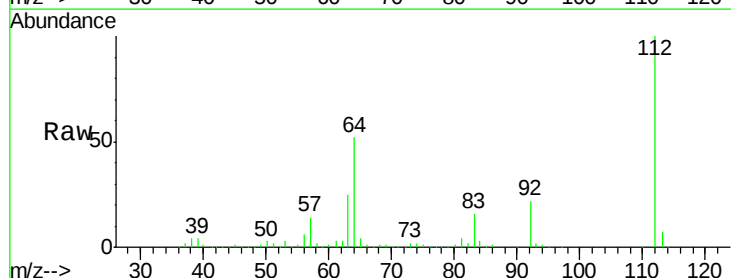
Tgt Ion:112 Resp: 391376

Ion Ratio Lower Upper

112 100

64 52.3 44.5 66.7

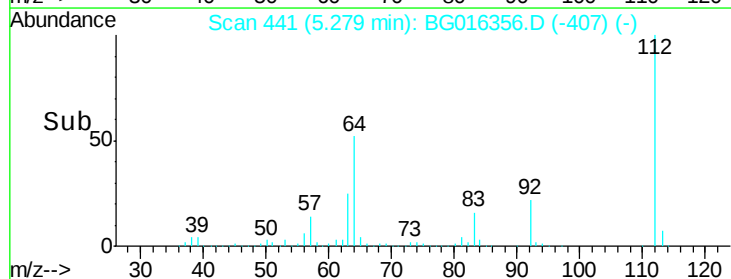
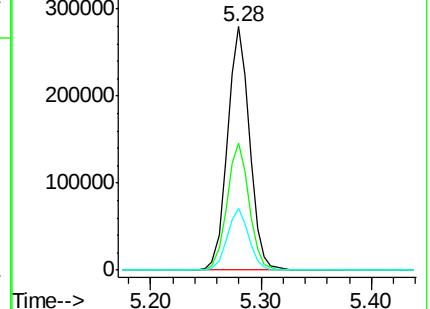
63 25.3 21.4 32.0



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: 90.34 ng

RT: 6.87 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Instrument :

BNA_G

ClientSampleId :

PE-9

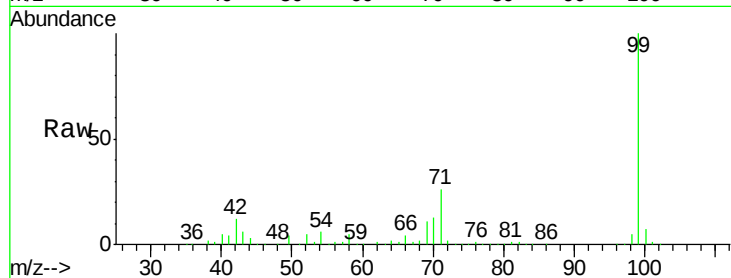
Tgt Ion: 99 Resp: 560773

Ion Ratio Lower Upper

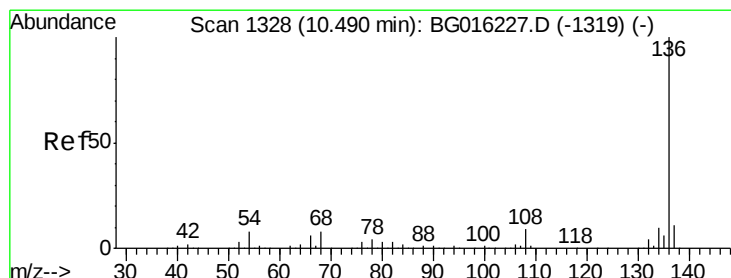
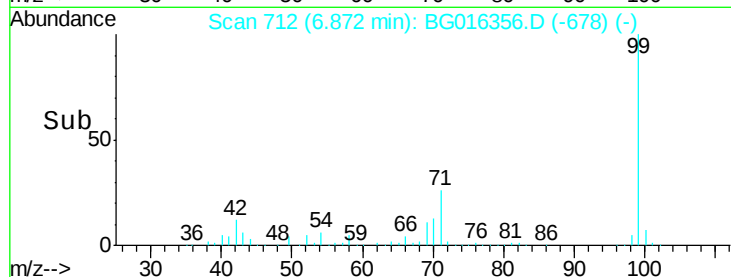
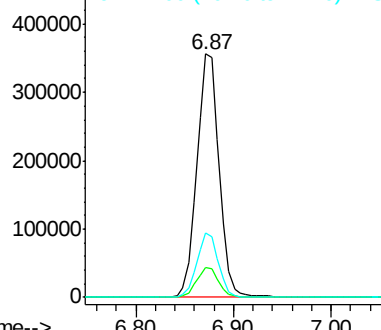
99 100

42 12.5 10.0 15.0

71 26.2 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# 1326

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Tgt Ion: 136 Resp: 291852

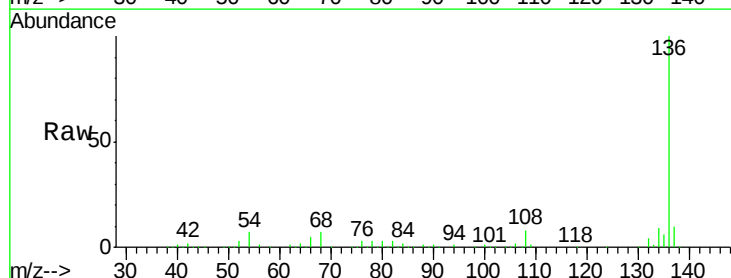
Ion Ratio Lower Upper

136 100

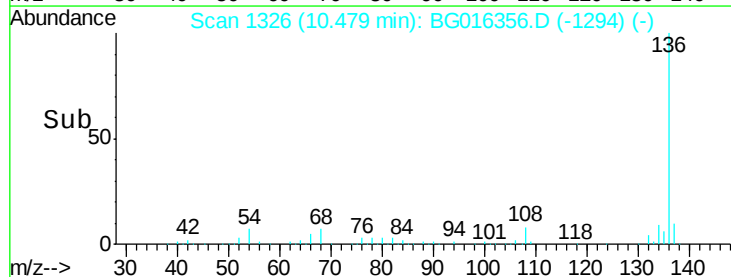
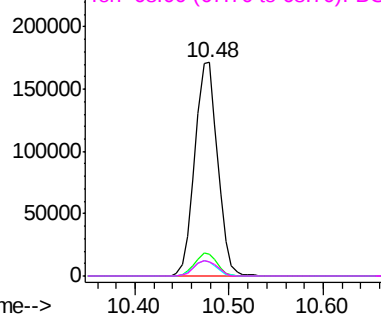
137 10.5 8.7 13.1

54 6.6 6.3 9.5

68 6.8 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

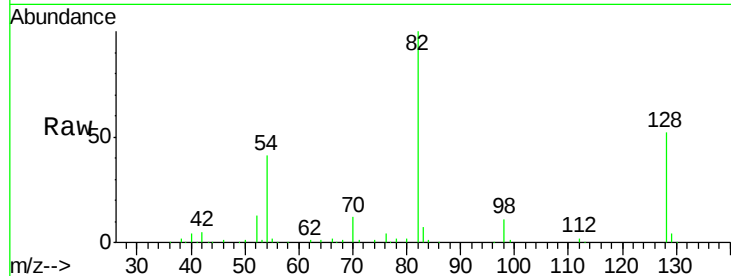




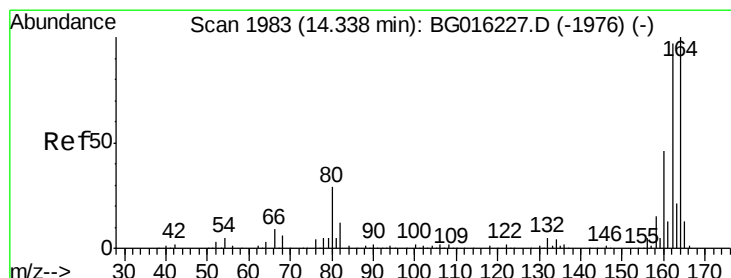
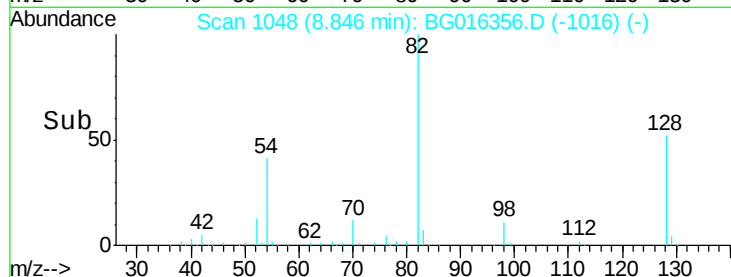
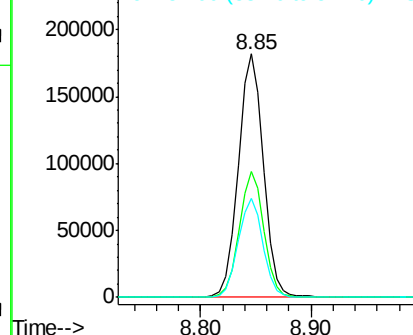
#23
Nitrobenzene-d5
Concen: 57.52 ng
RT: 8.85 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BG016356.D
Acq: 11 Apr 2015 15:46

Instrument :
BNA_G
ClientSampled :
PE-9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	37.8	56.8
54	40.8	32.6	49.0

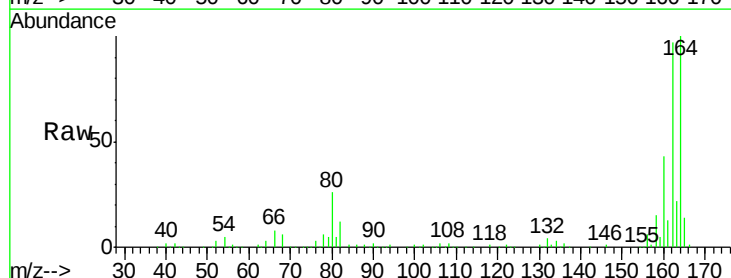


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

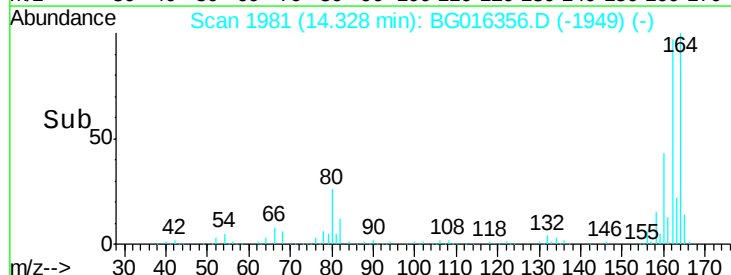
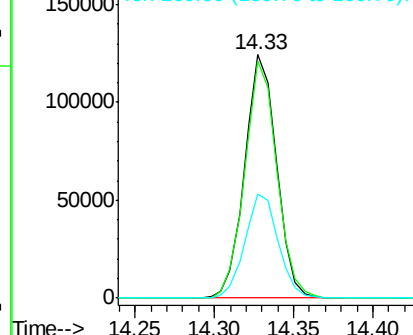


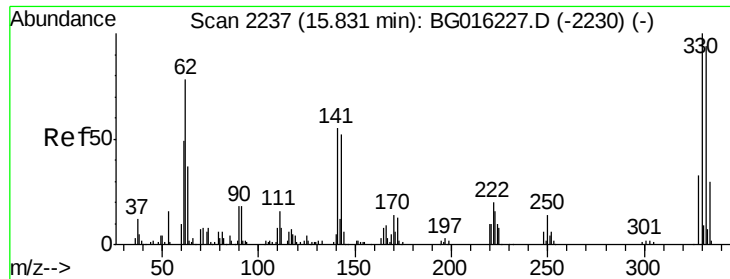
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.33 min Scan# 1981
Delta R.T. -0.01 min
Lab File: BG016356.D
Acq: 11 Apr 2015 15:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.4	77.3	115.9
160	42.6	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: 90.46 ng

RT: 15.82 min Scan# 2235

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Instrument :

BNA_G

ClientSampleId :

PE-9

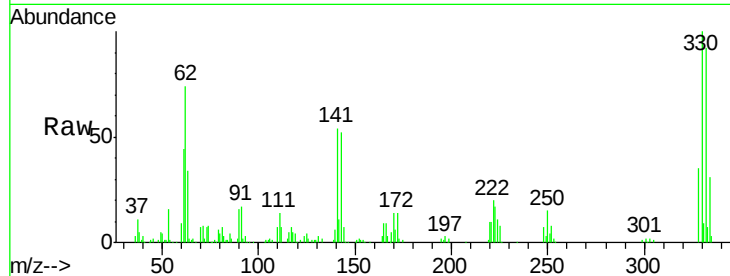
Tgt Ion:330 Resp: 106053

Ion Ratio Lower Upper

330 100

332 94.6 75.8 113.6

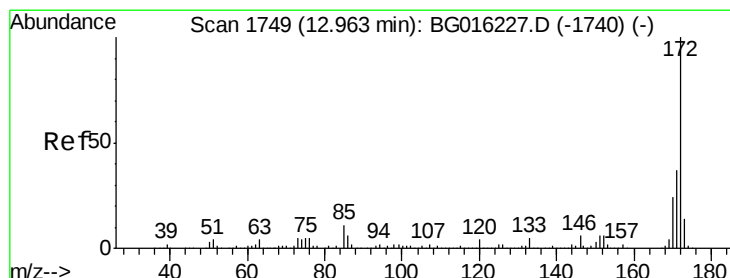
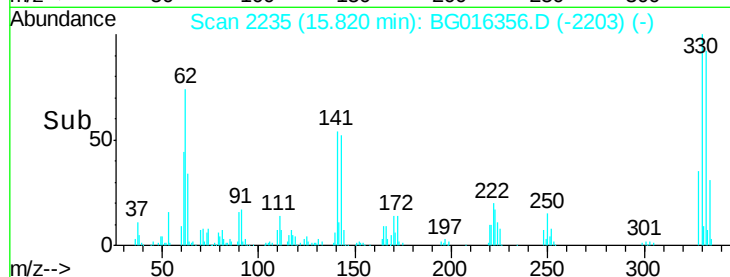
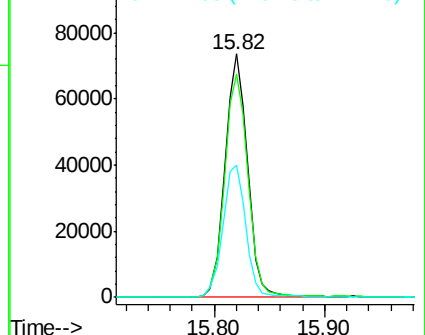
141 55.3 46.6 69.8



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: 52.91 ng

RT: 12.95 min Scan# 1747

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

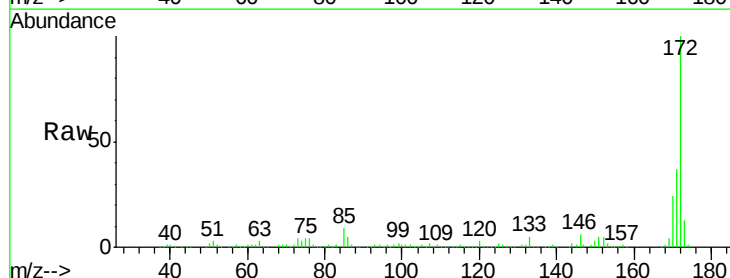
Tgt Ion:172 Resp: 538697

Ion Ratio Lower Upper

172 100

171 36.9 29.6 44.4

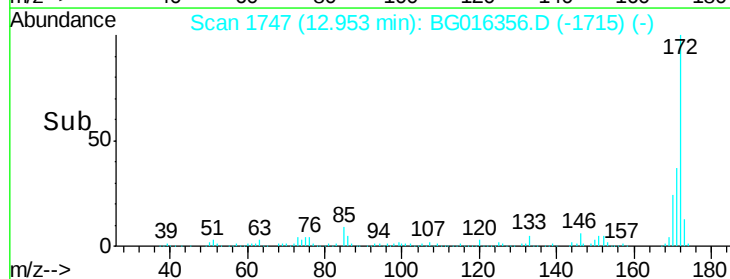
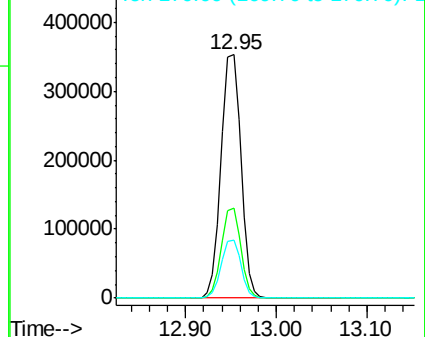
170 23.8 19.4 29.2



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





#49

Dimethylphthalate

Concen: 3.15 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Instrument :

BNA_G

ClientSampleId :

PE-9

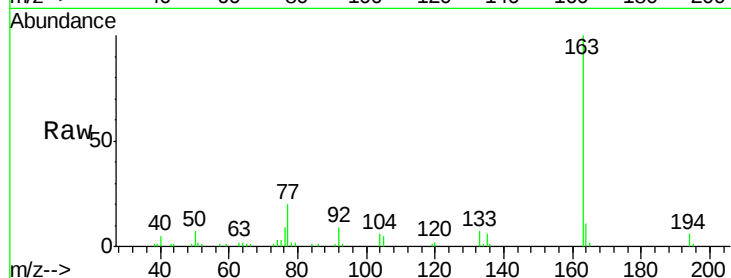
Tgt Ion:163 Resp: 40078

Ion Ratio Lower Upper

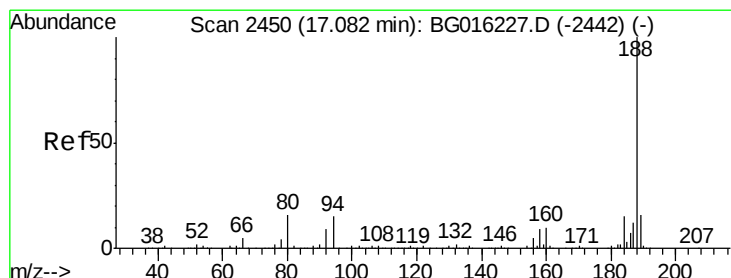
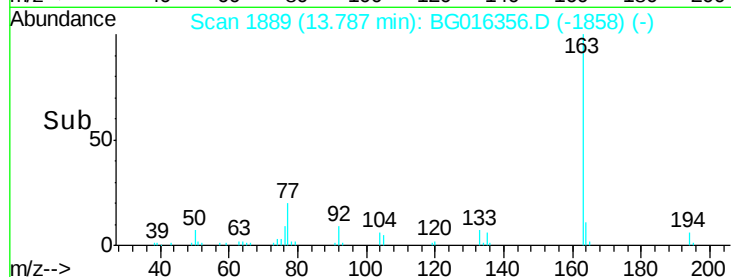
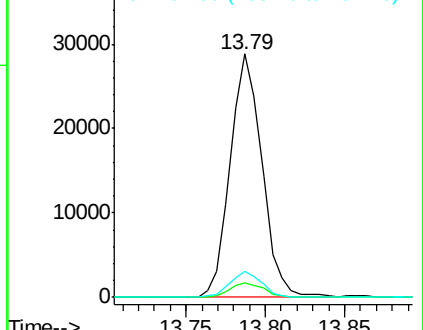
163 100

194 5.9 5.0 7.4

164 10.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

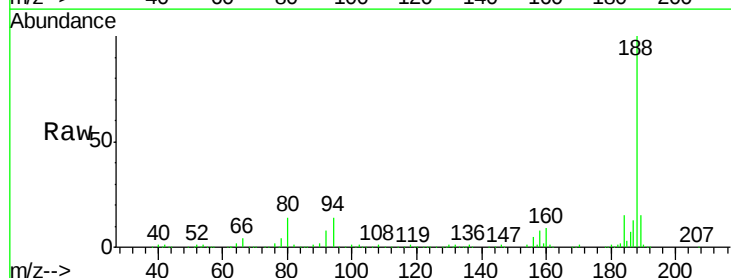
Tgt Ion:188 Resp: 344397

Ion Ratio Lower Upper

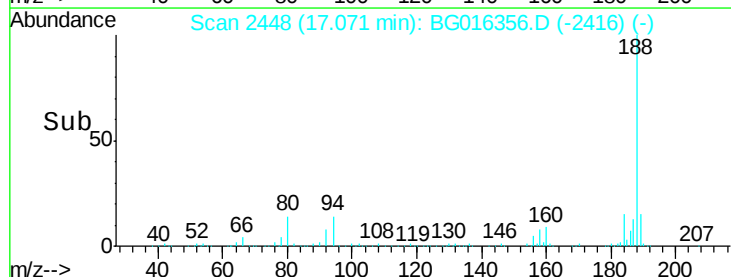
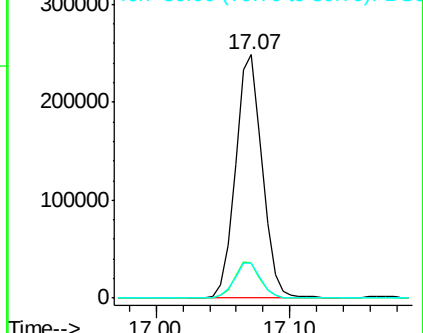
188 100

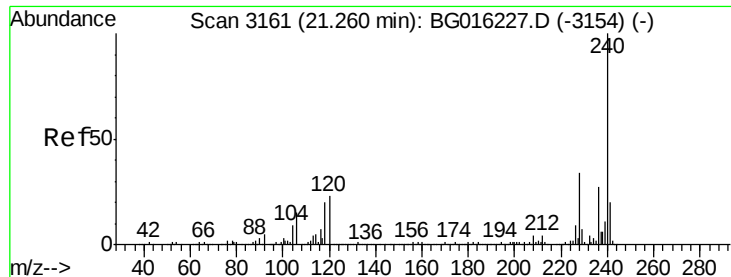
94 14.5 12.2 18.4

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: 21.24 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

Instrument :

BNA_G

ClientSampleId :

PE-9

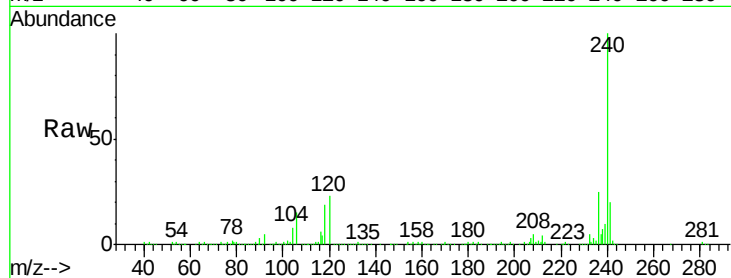
Tgt Ion:240 Resp: 285829

Ion Ratio Lower Upper

240 100

120 22.8 18.6 28.0

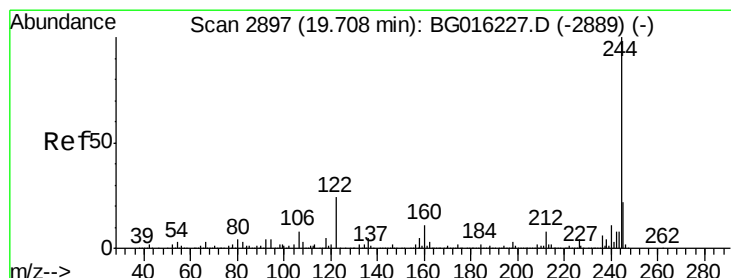
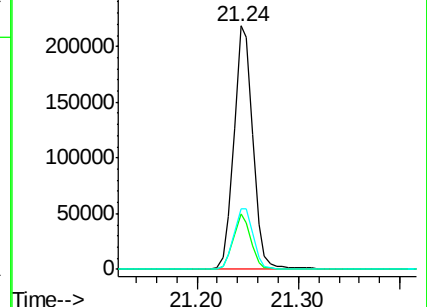
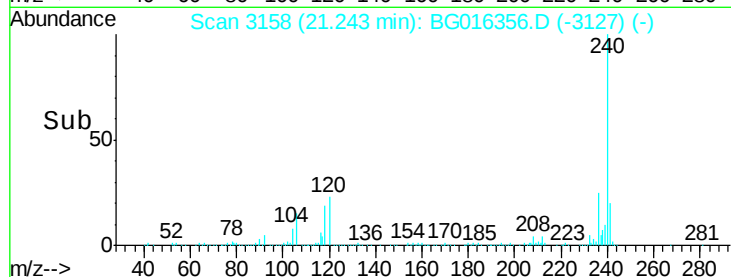
236 25.0 21.7 32.5



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: 48.58 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016356.D

Acq: 11 Apr 2015 15:46

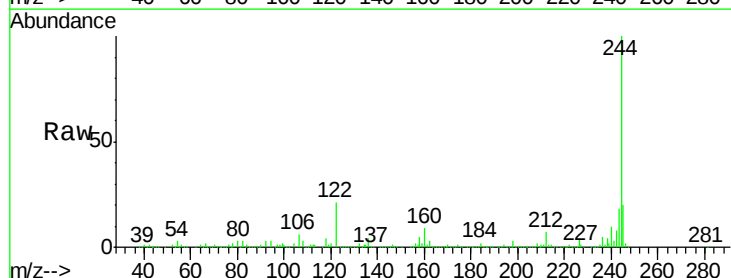
Tgt Ion:244 Resp: 593311

Ion Ratio Lower Upper

244 100

212 7.3 6.6 9.8

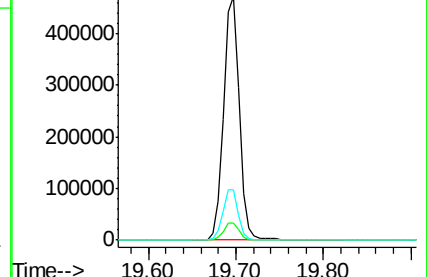
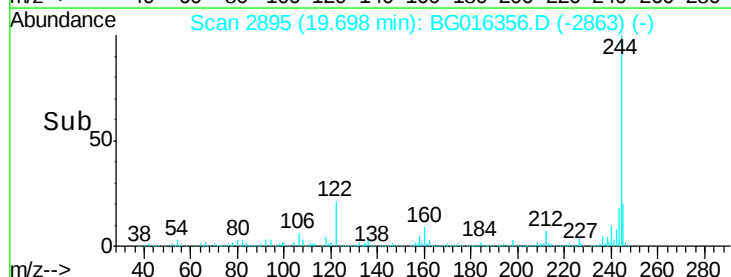
122 20.5 19.1 28.7

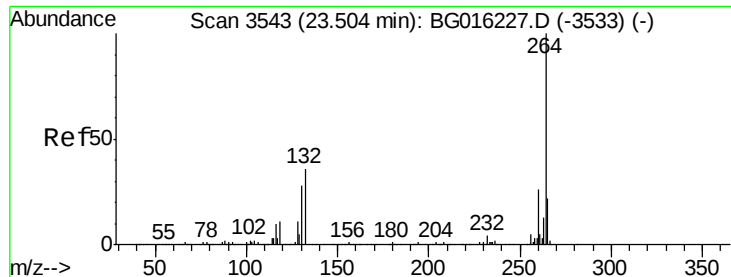


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

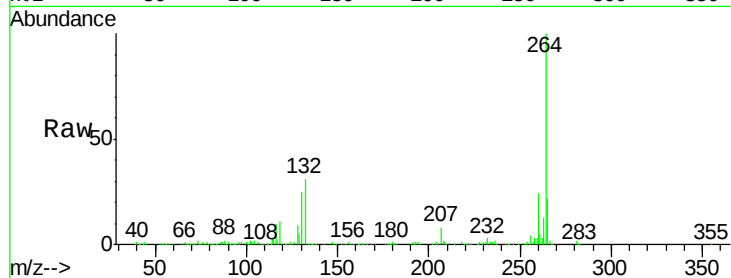




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG016356.D
Acq: 11 Apr 2015 15:46

Instrument :
BNA_G
ClientSampleId :
PE-9

Tgt Ion: 264 Resp: 269868
Ion Ratio Lower Upper
264 100
260 23.9 20.4 30.6
265 22.3 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

