

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016660.D
 Acq On : 23 Apr 2015 19:43
 Operator : TP/IZ
 Sample : PB82889BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BL

Quant Time: Apr 24 02:20:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	48231	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	196999	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	107496	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	250401	20.00	ng	0.00
75) Chrysene-d12	21.18	240	268600	20.00	ng	0.00
86) Perylene-d12	23.38	264	242429	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	390234	131.29	ng	0.00
7) Phenol-d6	6.80	99	518824	124.43	ng	0.00
23) Nitrobenzene-d5	8.76	82	252669	81.04	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	107159	134.37	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	582227	87.02	ng	0.00
78) Terphenyl-d14	19.63	244	893567	76.63	ng	0.00

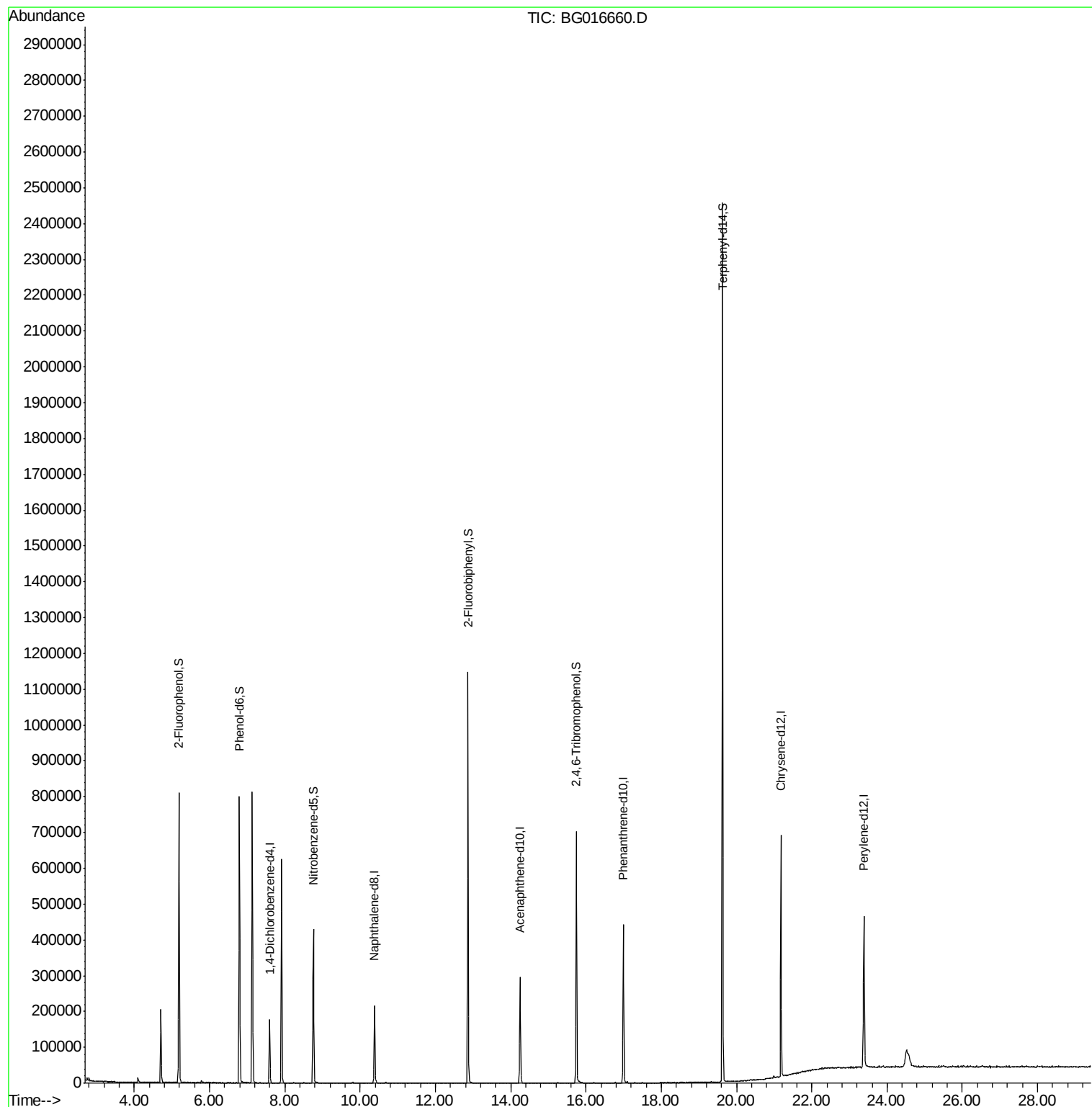
Target Compounds Qvalue

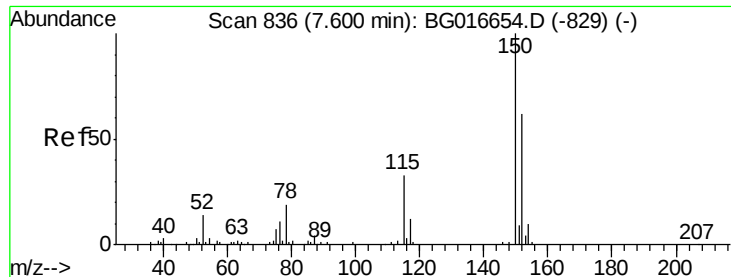
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 23 19:19:11 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.60 min Scan# 835

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

Instrument :

BNA_G

ClientSampleId :

PB82889BL

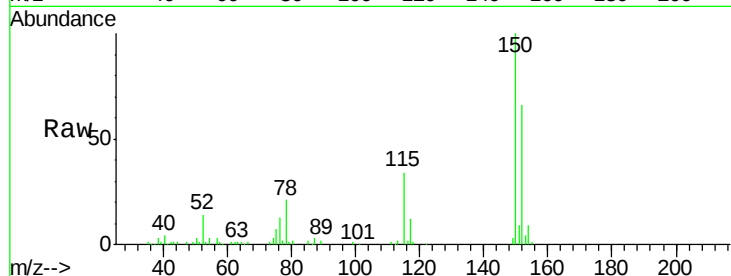
Tot Ion:152 Resp: 48231

Ion Ratio Lower Upper

152 100

150 151.0 129.6 194.4

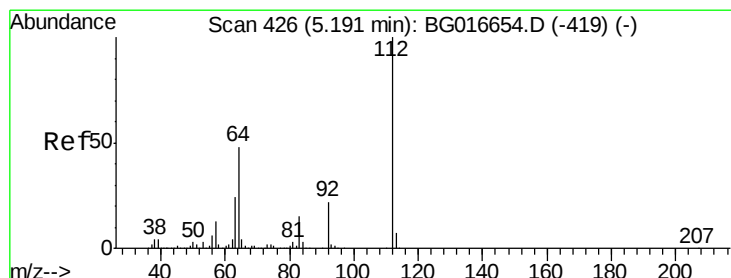
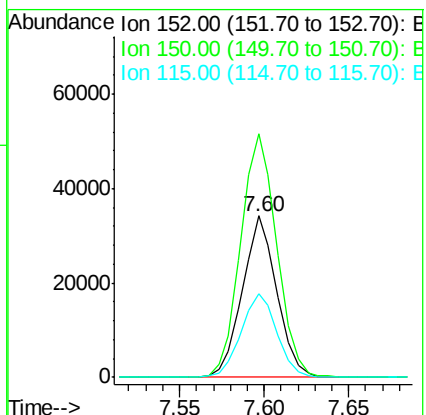
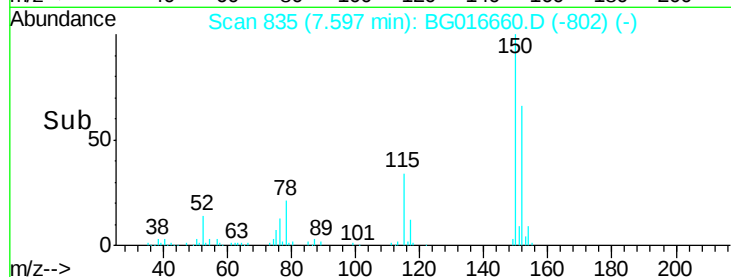
115 51.9 43.0 64.6



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: 131.29 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

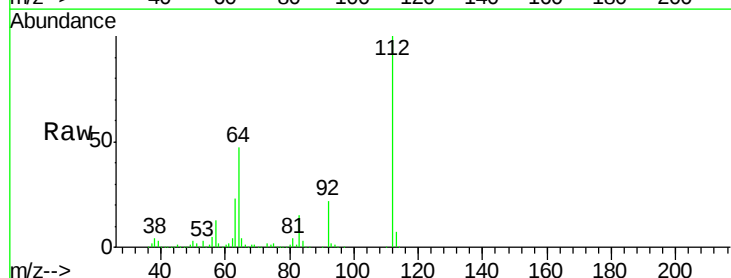
Tgt Ion:112 Resp: 390234

Ion Ratio Lower Upper

112 100

64 46.6 38.3 57.5

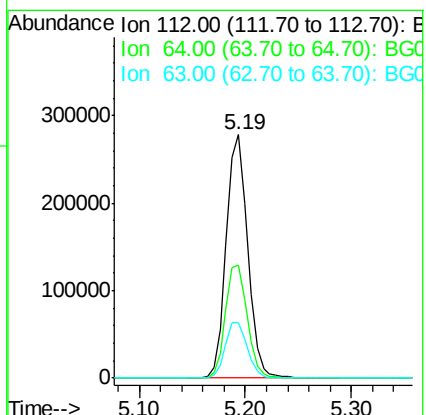
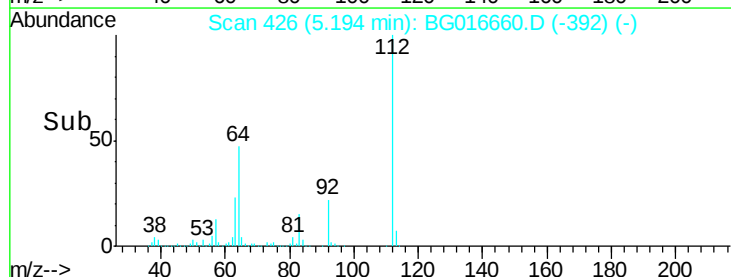
63 22.7 18.9 28.3

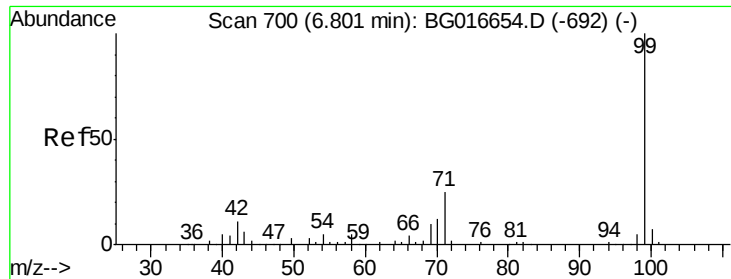


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 124.43 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

Instrument :

BNA_G

ClientSampleId :

PB82889BL

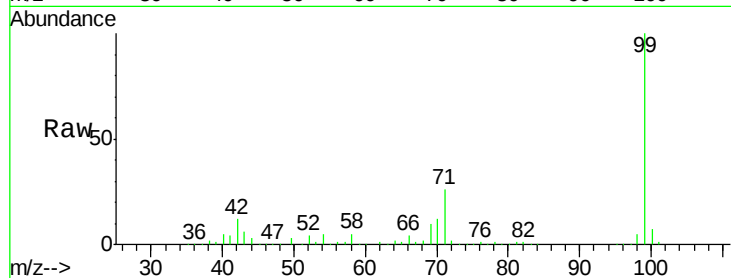
Tot Ion: 99 Resp: 518824

Ion Ratio Lower Upper

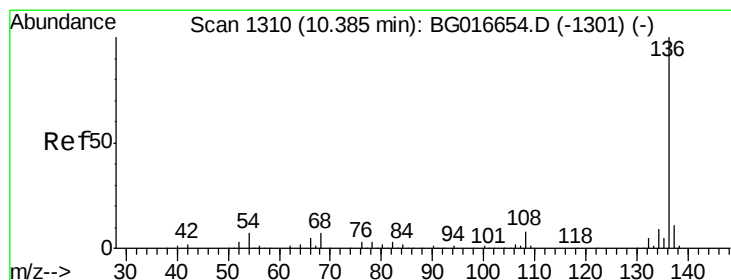
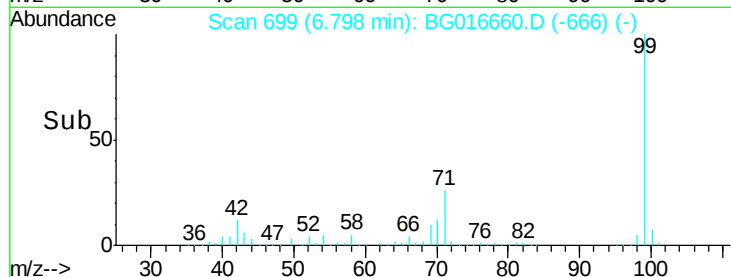
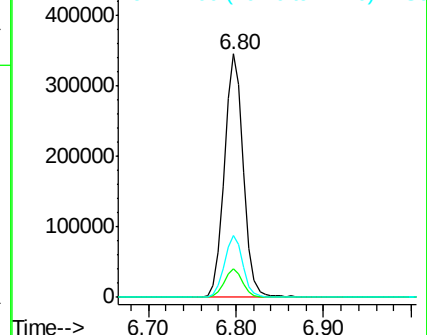
99 100

42 11.8 8.8 13.2

71 25.6 19.9 29.9



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: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

Tgt Ion: 136 Resp: 196999

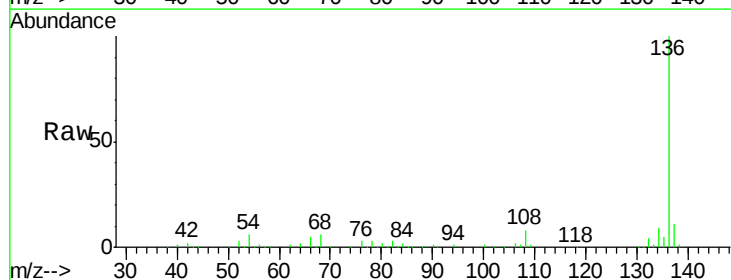
Ion Ratio Lower Upper

136 100

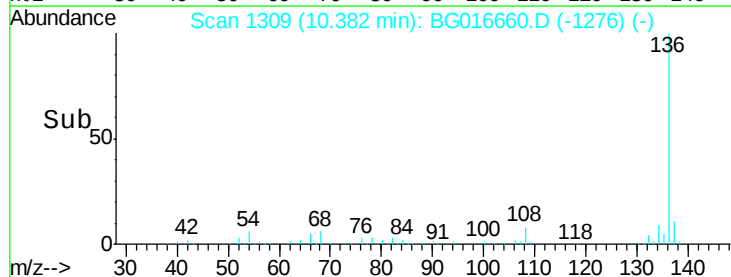
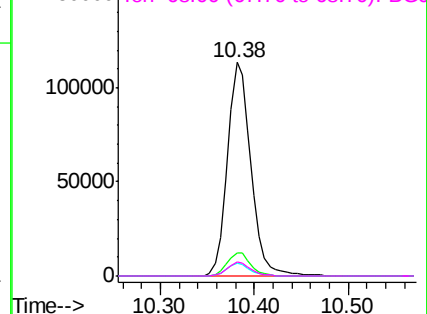
137 10.8 8.5 12.7

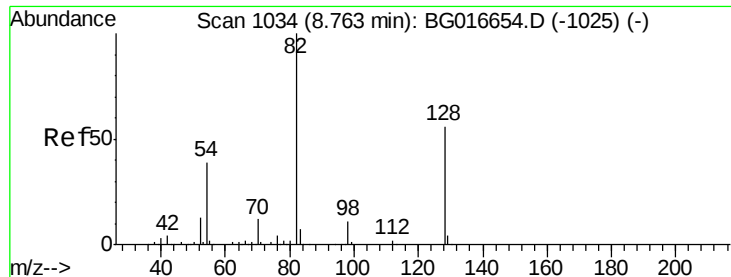
54 6.3 5.4 8.2

68 6.4 5.2 7.8



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

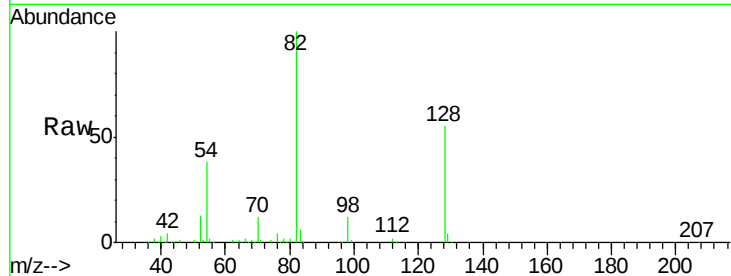




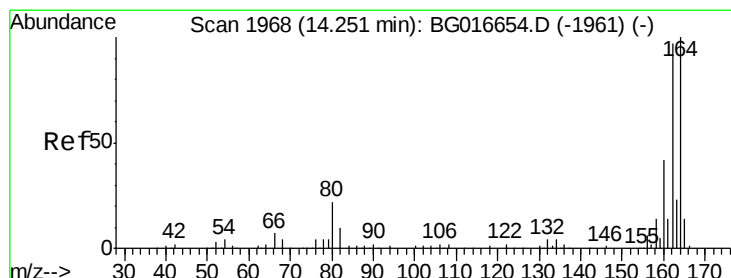
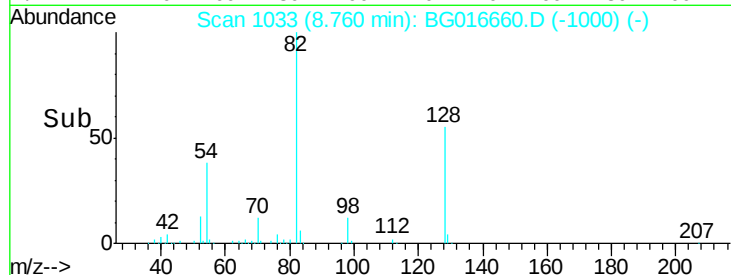
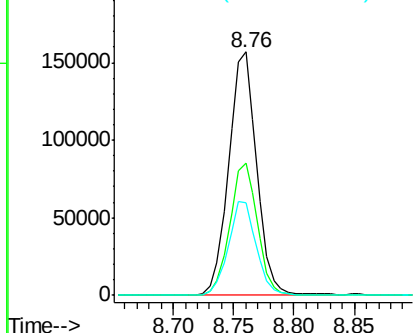
#23
 Nitrobenzene-d5
 Concen: 81.04 ng
 RT: 8.76 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BG016660.D
 Acq: 23 Apr 2015 19:43

Instrument :
 BNA_G
 ClientSampleId :
 PB82889BL

Tot Ion	82	Resp	252669
Ion Ratio	Lower	Upper	
82	100		
128	54.5	44.7	67.1
54	38.1	30.9	46.3

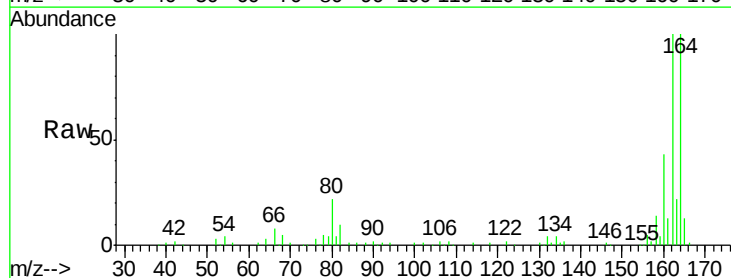


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

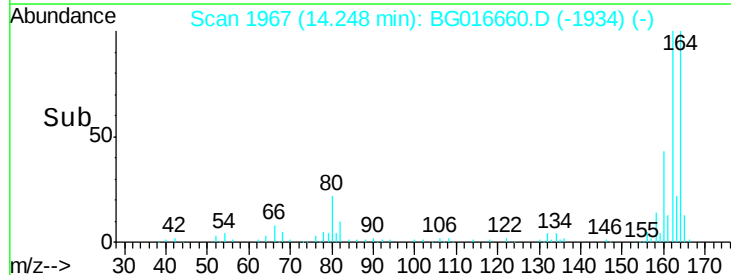
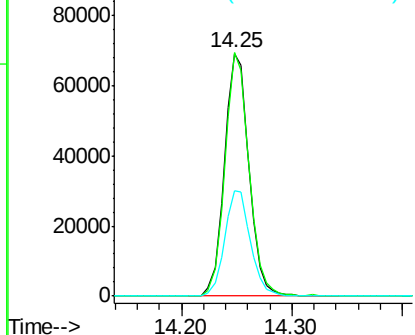


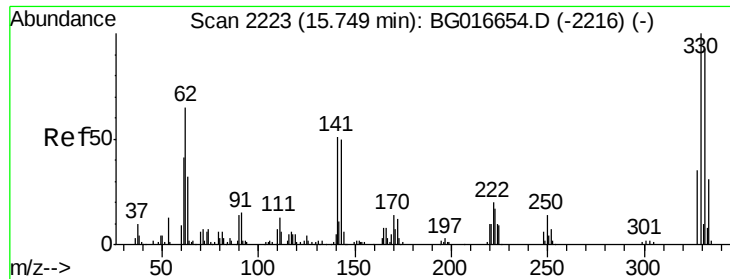
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG016660.D
 Acq: 23 Apr 2015 19:43

Tgt Ion	164	Resp	107496
Ion Ratio	Lower	Upper	
164	100		
162	100.5	77.3	115.9
160	43.3	33.7	50.5



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: 134.37 ng

RT: 15.75 min Scan# 2222

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

Instrument :

BNA_G

ClientSampleID :

PB82889BL

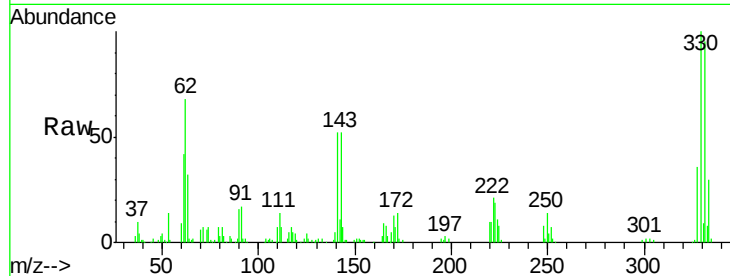
Tot Ion:330 Resp: 107159

Ion Ratio Lower Upper

330 100

332 94.4 76.2 114.4

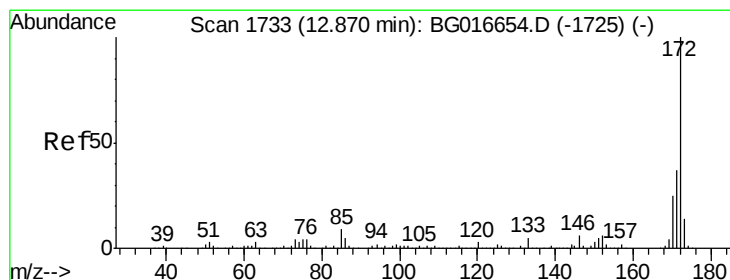
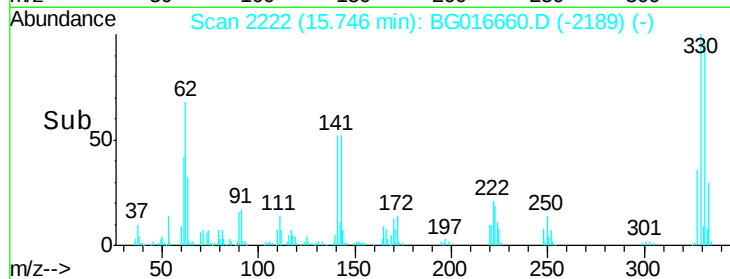
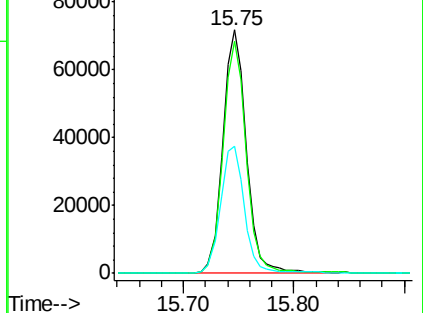
141 53.2 43.0 64.6



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: 87.02 ng

RT: 12.87 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

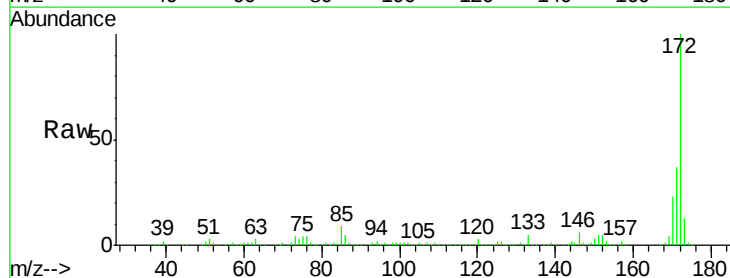
Tgt Ion:172 Resp: 582227

Ion Ratio Lower Upper

172 100

171 37.1 29.9 44.9

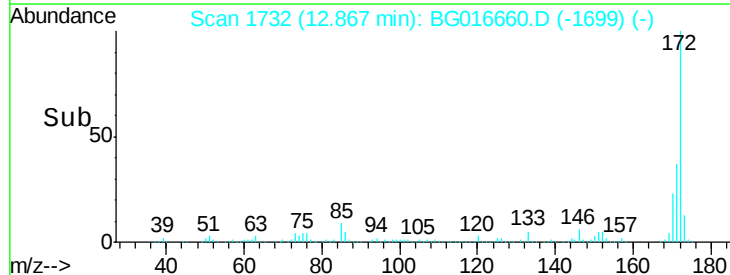
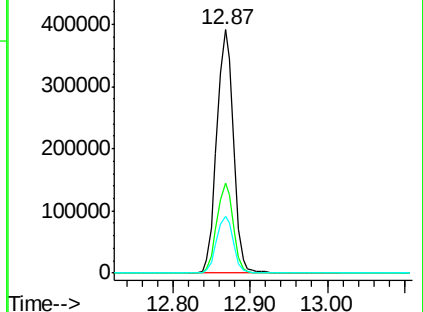
170 23.4 19.8 29.8

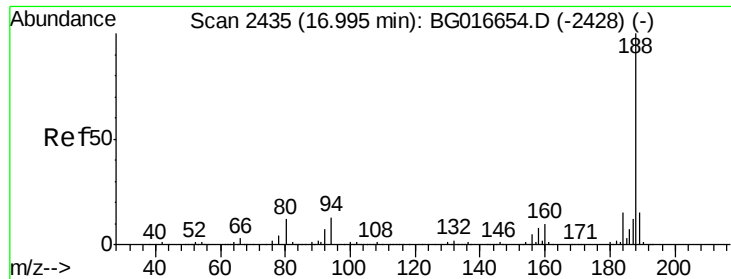


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

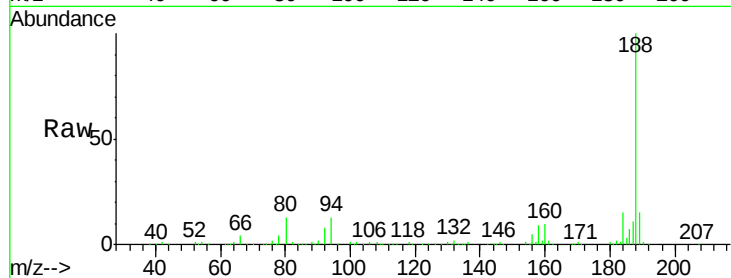




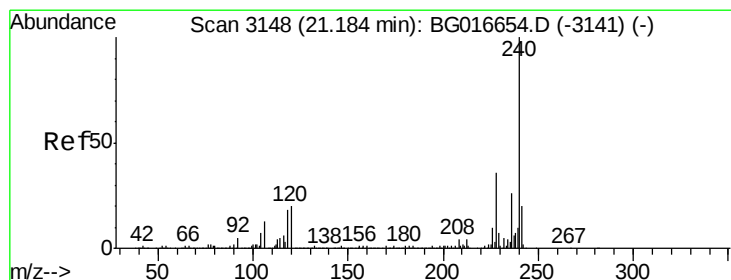
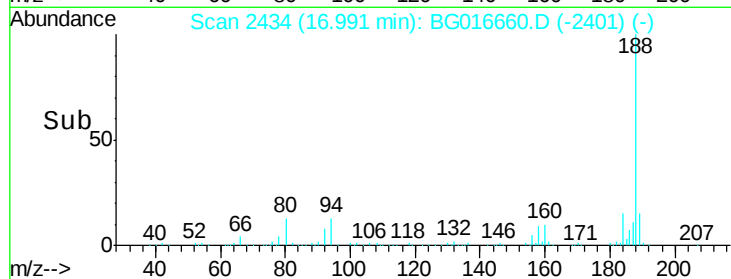
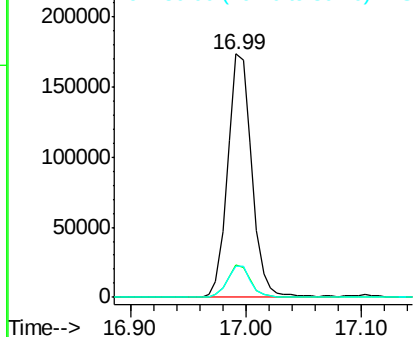
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG016660.D
Acq: 23 Apr 2015 19:43

Instrument :
BNA_G
ClientSampleId :
PB82889BL

Tot Ion:188 Resp: 250401
Ion Ratio Lower Upper
188 100
94 13.1 10.7 16.1
80 12.7 9.9 14.9

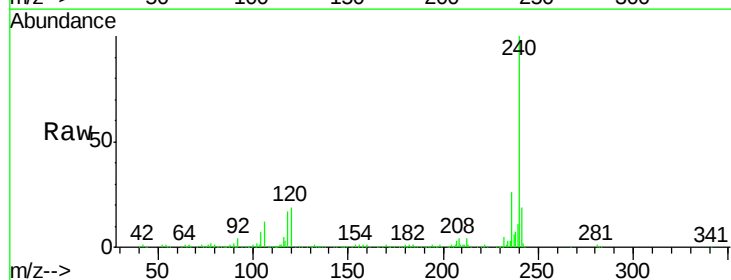


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

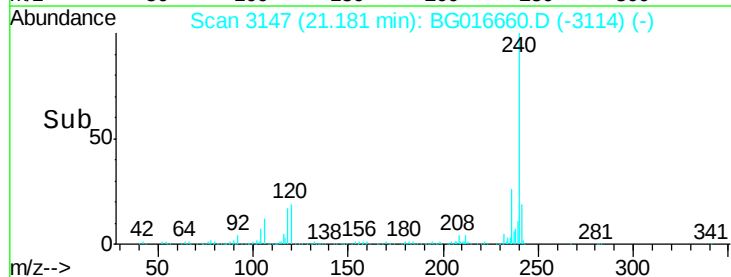
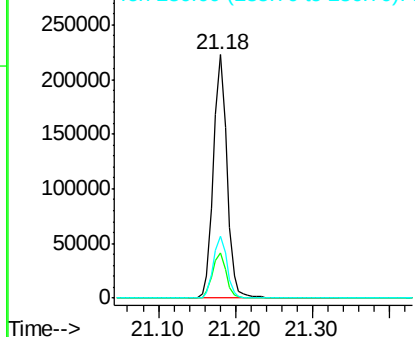


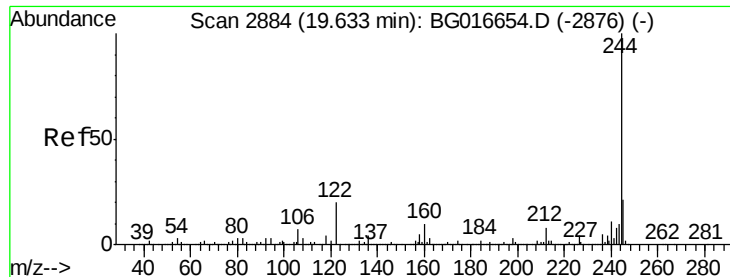
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016660.D
Acq: 23 Apr 2015 19:43

Tgt Ion:240 Resp: 268600
Ion Ratio Lower Upper
240 100
120 18.6 16.3 24.5
236 25.7 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: 76.63 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

Instrument :

BNA_G

ClientSampleId :

PB82889BL

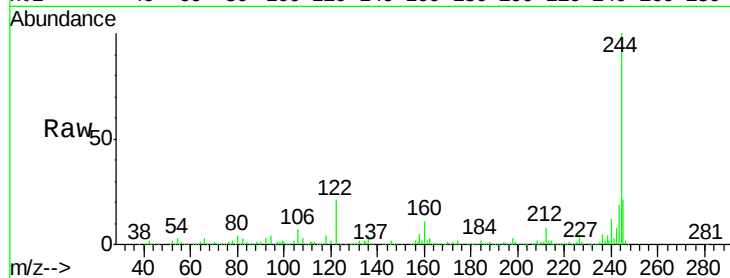
Tot Ion:244 Resp: 893567

Ion Ratio Lower Upper

244 100

212 8.4 6.4 9.6

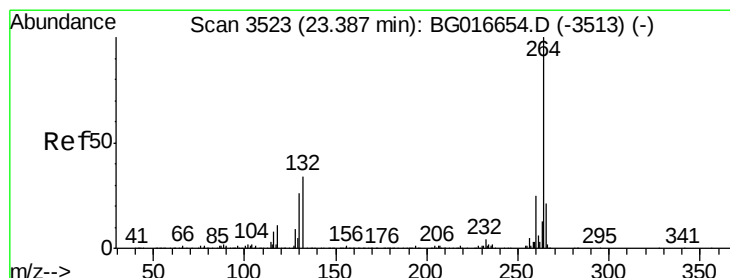
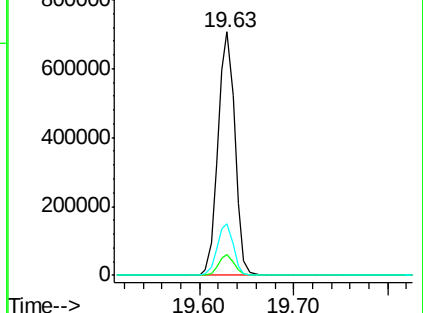
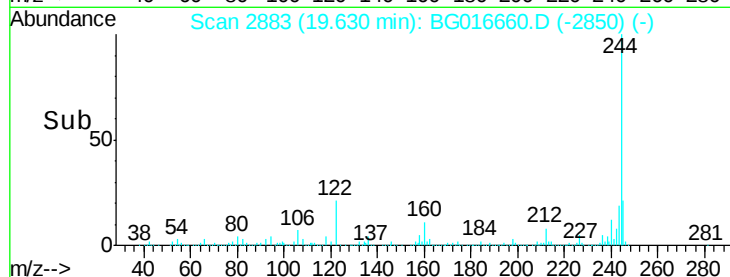
122 21.4 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG016660.D

Acq: 23 Apr 2015 19:43

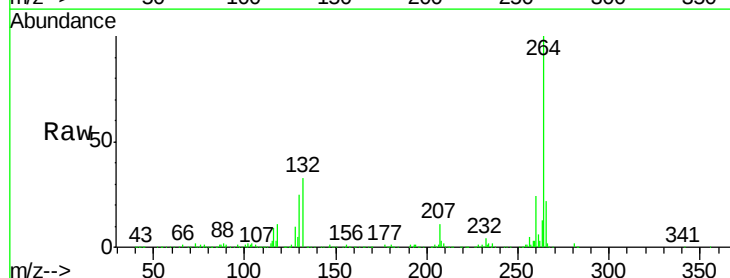
Tgt Ion:264 Resp: 242429

Ion Ratio Lower Upper

264 100

260 24.4 20.0 30.0

265 21.5 16.8 25.2



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

