

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016138.D
 Acq On : 26 Mar 2015 14:02
 Operator : TP/IZ
 Sample : PB82291BL
 Misc : LOD/LOQ-SOIL BLK
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82346BL

Quant Time: Mar 27 02:37:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 27 03:23:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	48523	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	207511	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	130103	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	299715	20.00	ng	0.00
75) Chrysene-d12	21.33	240	320312	20.00	ng	0.00
86) Perylene-d12	23.61	264	310398	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	410311	141.52	ng	0.00
7) Phenol-d6	6.96	99	560635	138.93	ng	0.00
23) Nitrobenzene-d5	8.94	82	282298	84.35	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	221140	148.02	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	713129	91.75	ng	0.00
78) Terphenyl-d14	19.78	244	1169407	91.94	ng	0.00

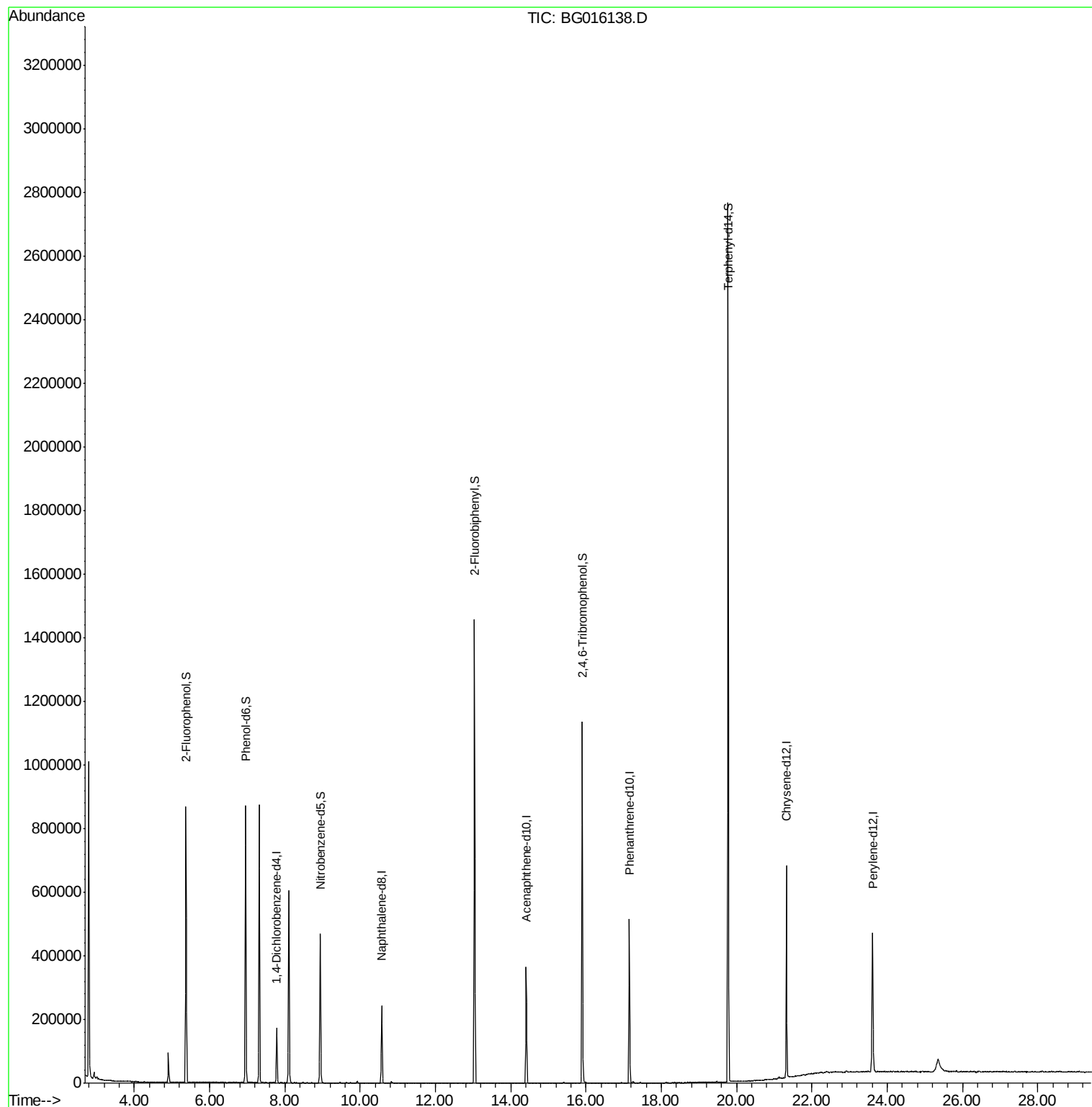
Target Compounds	Qvalue
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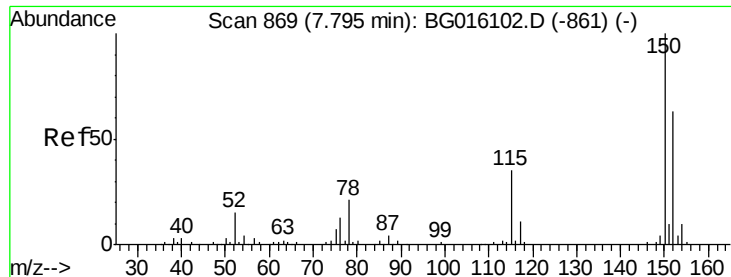
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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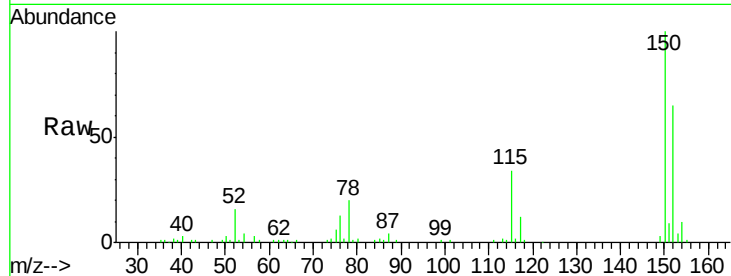


#1

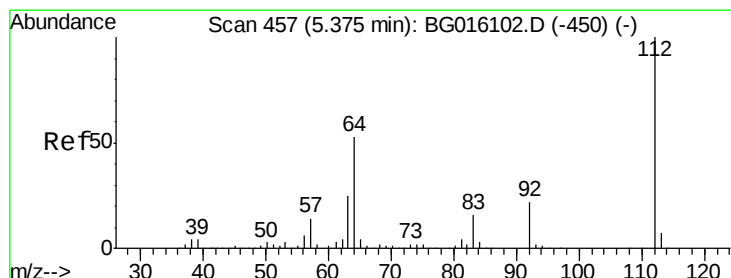
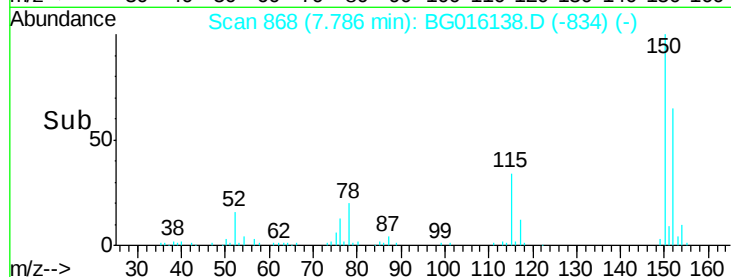
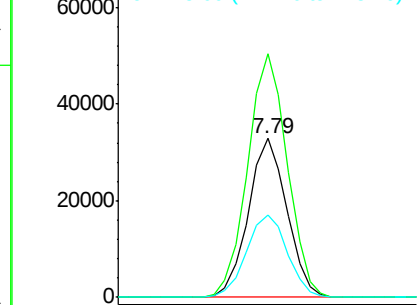
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.79 min Scan# 868
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Instrument :
BNA_G
ClientSampleId :
PB82346BL

Tgt Ion:152 Resp: 48523
Ion Ratio Lower Upper
152 100
150 153.4 126.1 189.1
115 51.8 43.7 65.5



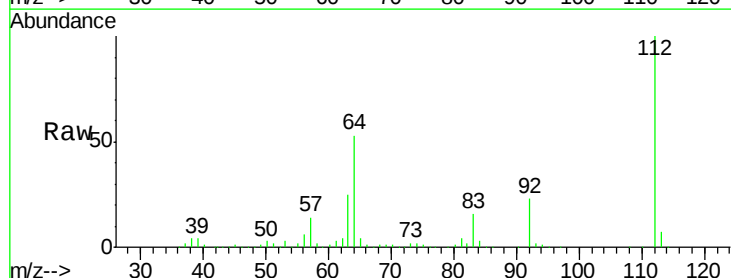
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



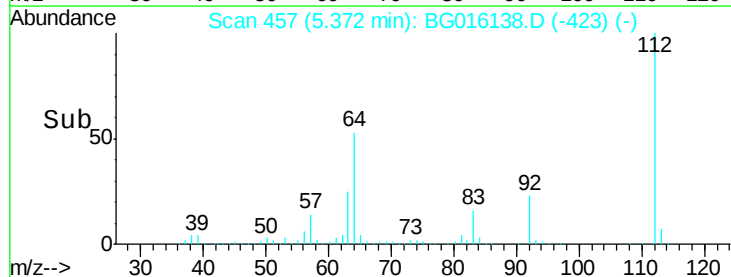
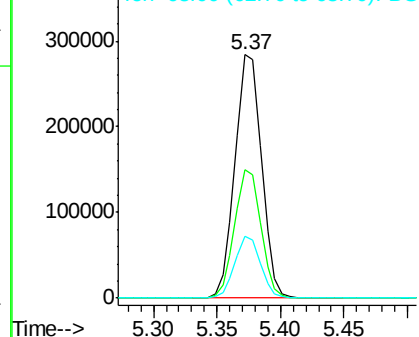
#5

2-Fluorophenol
Concen: 141.52 ng
RT: 5.37 min Scan# 457
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Tgt Ion:112 Resp: 410311
Ion Ratio Lower Upper
112 100
64 53.0 42.6 64.0
63 25.3 19.9 29.9



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: 138.93 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016138.D

Acq: 26 Mar 2015 14:02

Instrument :

BNA_G

ClientSampleId :

PB82346BL

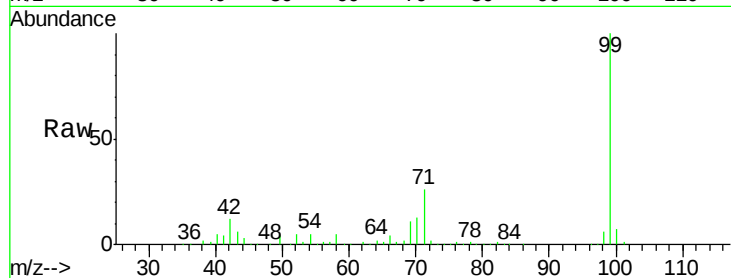
Tgt Ion: 99 Resp: 560635

Ion Ratio Lower Upper

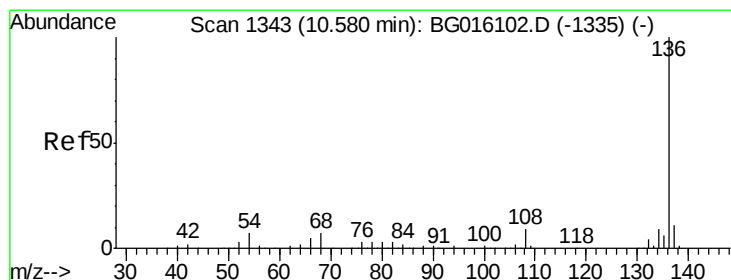
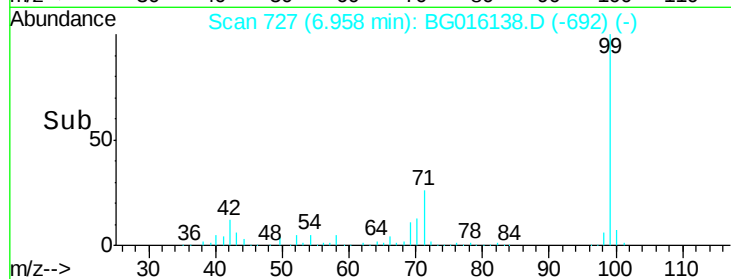
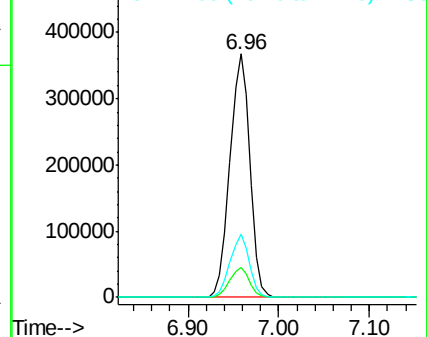
99 100

42 12.0 9.4 14.0

71 25.8 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: 10.58 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG016138.D

Acq: 26 Mar 2015 14:02

Tgt Ion: 136 Resp: 207511

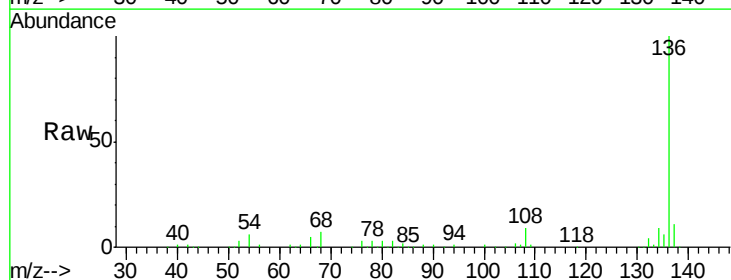
Ion Ratio Lower Upper

136 100

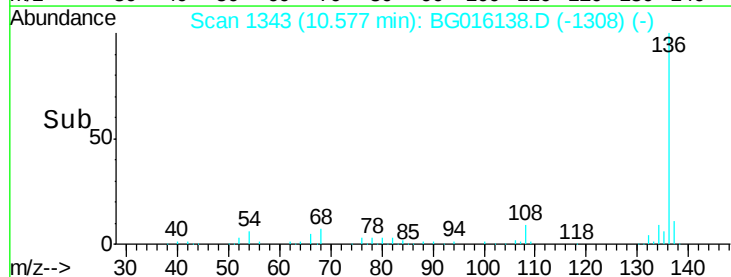
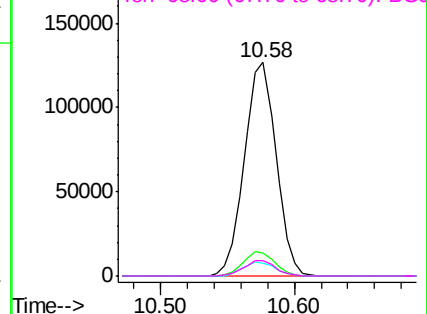
137 10.9 9.0 13.4

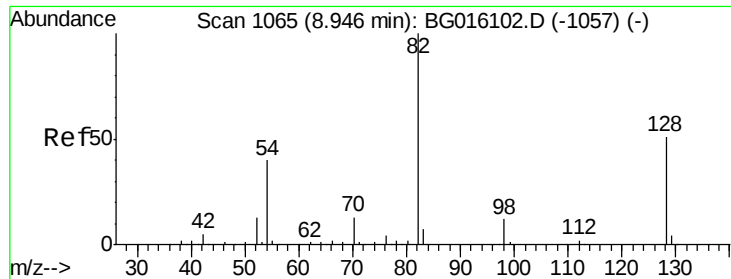
54 6.2 5.5 8.3

68 7.3 6.0 9.0



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

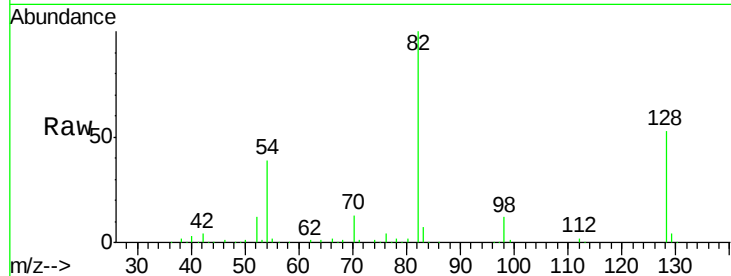




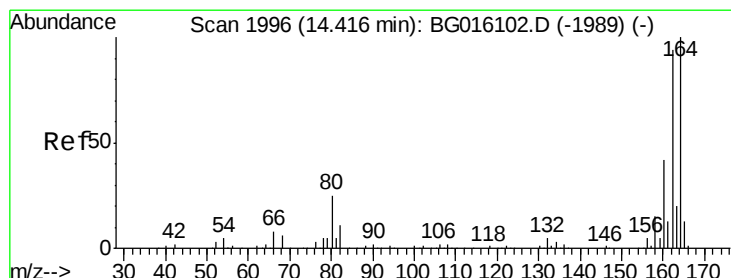
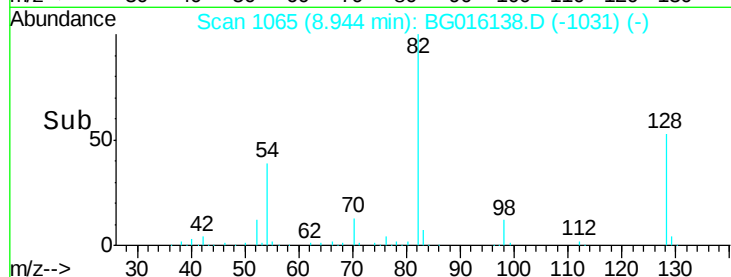
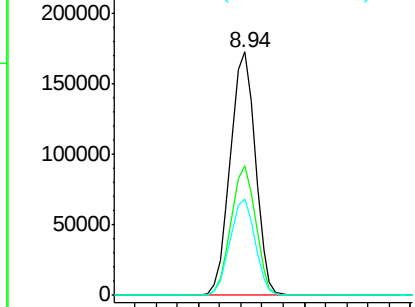
#23
Nitrobenzene-d5
Concen: 84.35 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Instrument :
BNA_G
ClientSampleId :
PB82346BL

Tgt Ion: 82 Resp: 282298
Ion Ratio Lower Upper
82 100
128 53.4 40.4 60.6
54 39.4 32.1 48.1

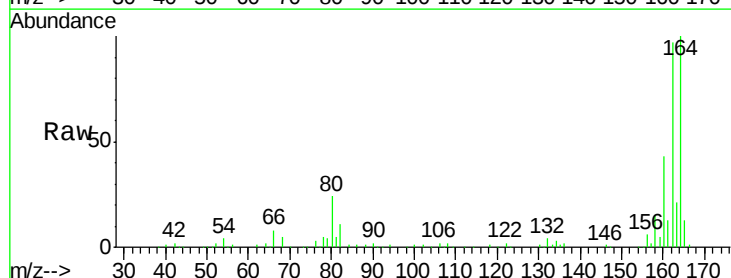


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

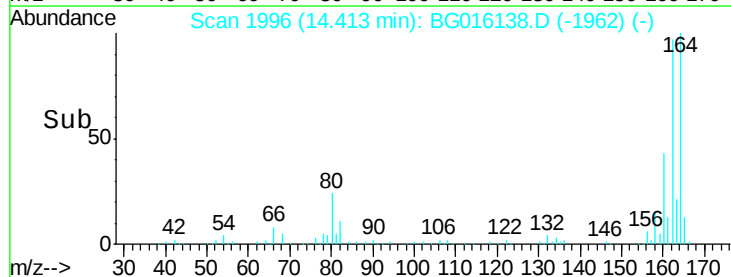
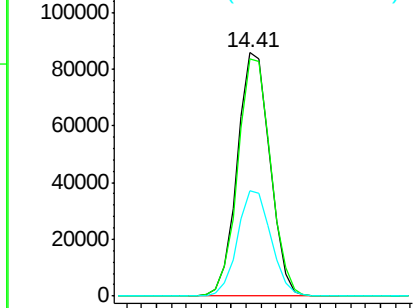


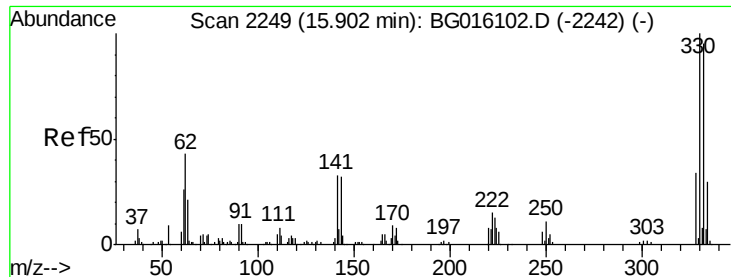
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Tgt Ion: 164 Resp: 130103
Ion Ratio Lower Upper
164 100
162 97.4 75.2 112.8
160 43.5 33.9 50.9



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

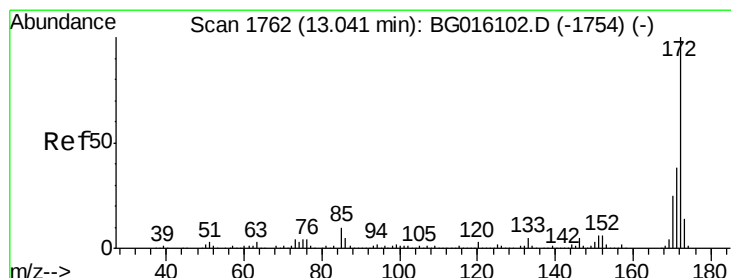
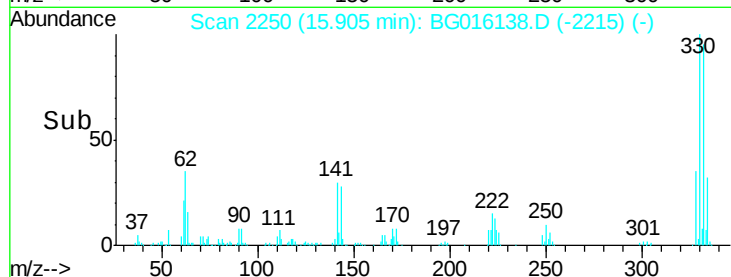
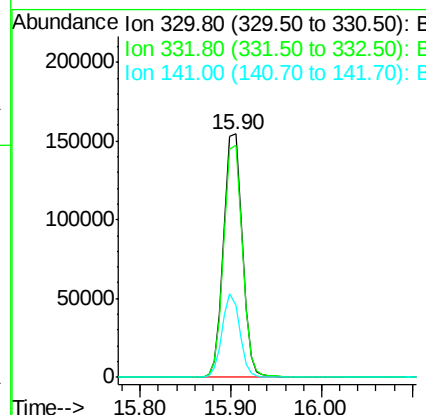
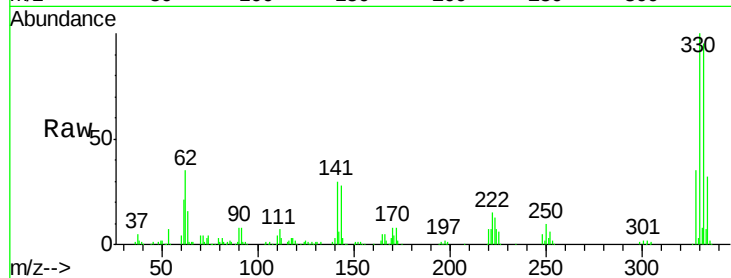




#41
 2,4,6-Tribromophenol
 Concen: 148.02 ng
 RT: 15.90 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016138.D
 Acq: 26 Mar 2015 14:02

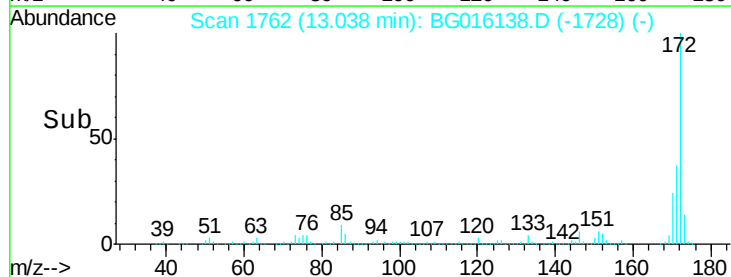
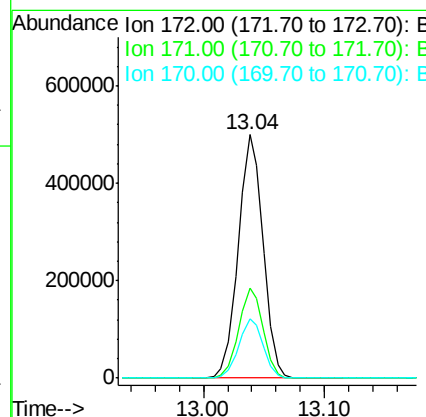
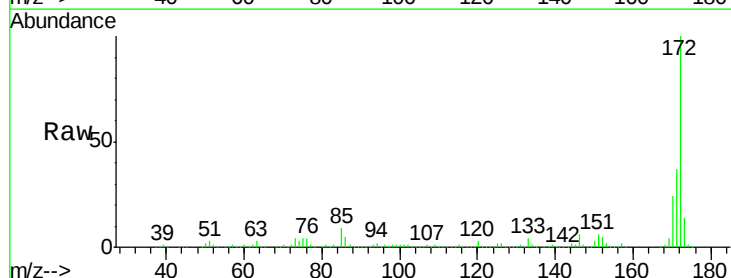
Instrument :
 BNA_G
 ClientSampleId :
 PB82346BL

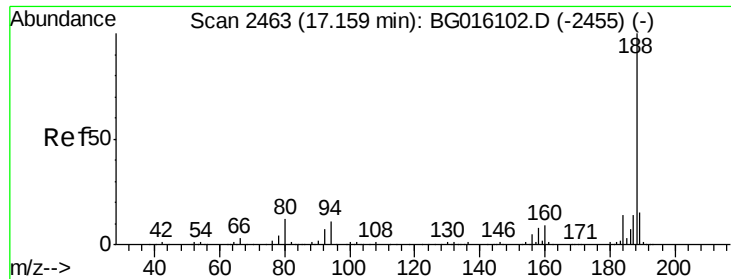
Tgt Ion:330 Resp: 221140
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 114.8
 141 32.4 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 91.75 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016138.D
 Acq: 26 Mar 2015 14:02

Tgt Ion:172 Resp: 713129
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.3 45.5
 170 24.4 19.8 29.8

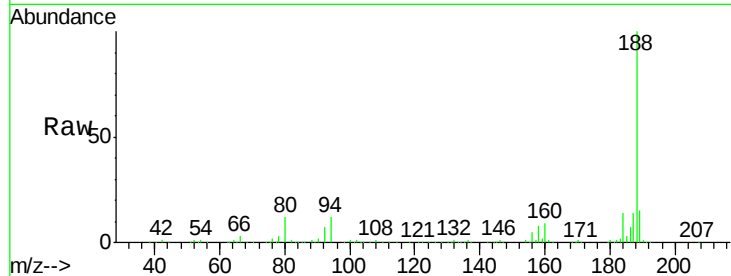




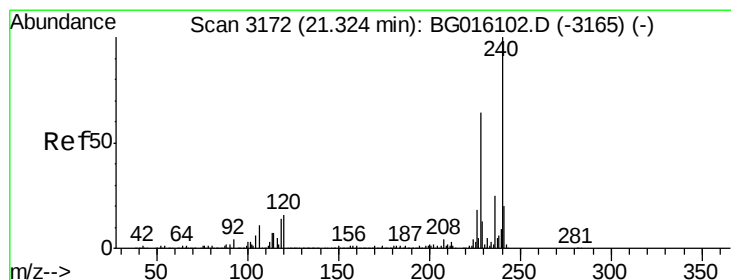
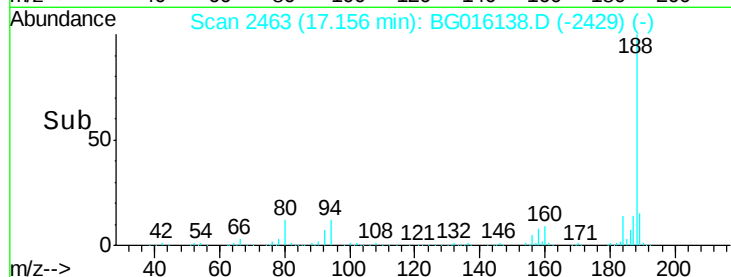
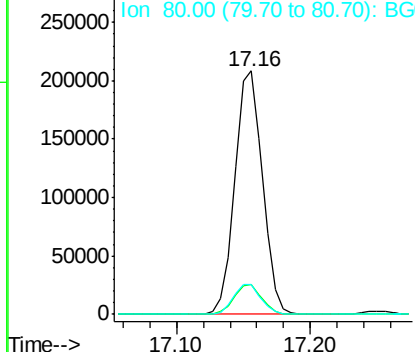
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Instrument :
BNA_G
ClientSampleId :
PB82346BL

Tgt Ion:188 Resp: 299715
Ion Ratio Lower Upper
188 100
94 12.2 9.1 13.7
80 12.2 9.8 14.8

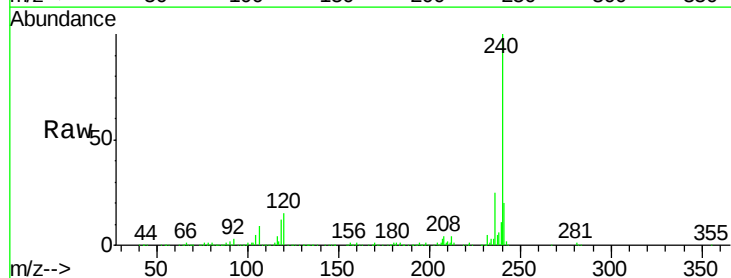


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

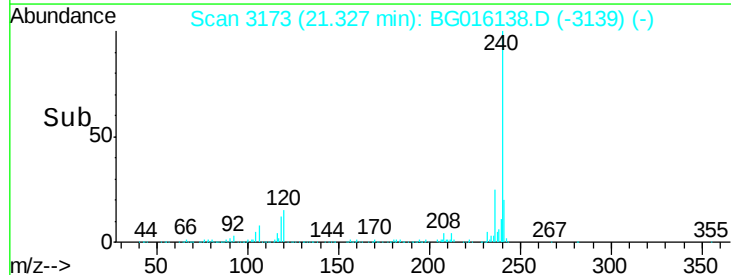
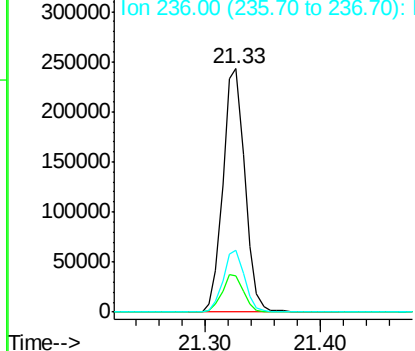


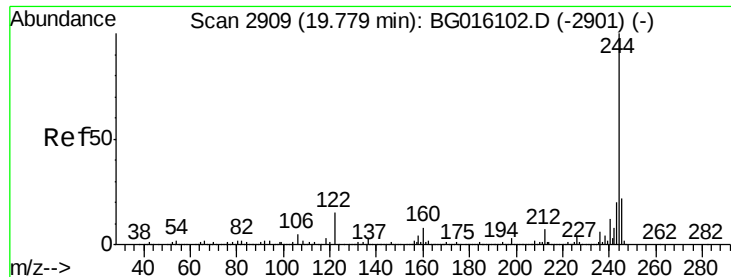
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. -0.00 min
Lab File: BG016138.D
Acq: 26 Mar 2015 14:02

Tgt Ion:240 Resp: 320312
Ion Ratio Lower Upper
240 100
120 14.7 13.0 19.4
236 25.5 20.2 30.2



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: 91.94 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016138.D

Acq: 26 Mar 2015 14:02

Instrument :

BNA_G

ClientSampleId :

PB82346BL

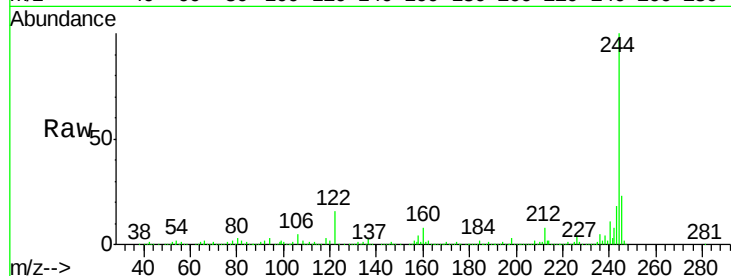
Tgt Ion:244 Resp: 1169407

Ion Ratio Lower Upper

244 100

212 7.9 5.9 8.9

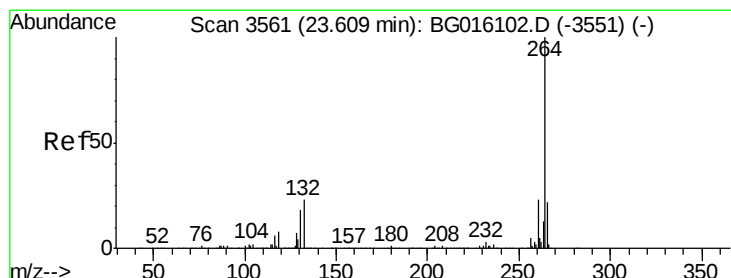
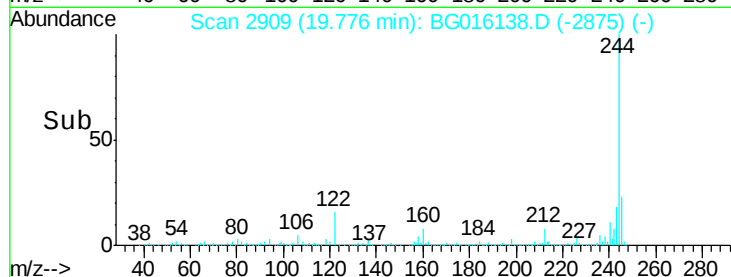
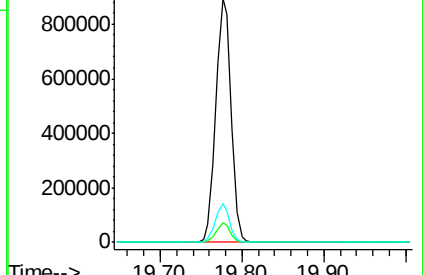
122 16.2 12.2 18.2



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: 23.61 min Scan# 3562

Delta R.T. -0.01 min

Lab File: BG016138.D

Acq: 26 Mar 2015 14:02

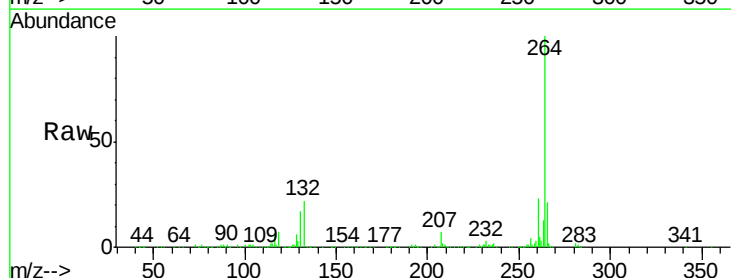
Tgt Ion:264 Resp: 310398

Ion Ratio Lower Upper

264 100

260 23.1 18.4 27.6

265 21.2 17.3 25.9



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

