

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016107.D
 Acq On : 25 Mar 2015 17:59
 Operator : TP/IZ
 Sample : PB82316BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BL

Quant Time: Mar 26 15:40:44 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032515.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 26 15:24:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	55137	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	229883	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	141478	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	331098	20.00	ng	0.00
75) Chrysene-d12	21.32	240	380486	20.00	ng	0.00
86) Perylene-d12	23.61	264	367546	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	224670	68.20	ng	0.00
7) Phenol-d6	6.96	99	299874	65.40	ng	0.00
23) Nitrobenzene-d5	8.94	82	206779	55.77	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	104635	64.41	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	497505	58.86	ng	0.00
78) Terphenyl-d14	19.78	244	899229	59.52	ng	0.00

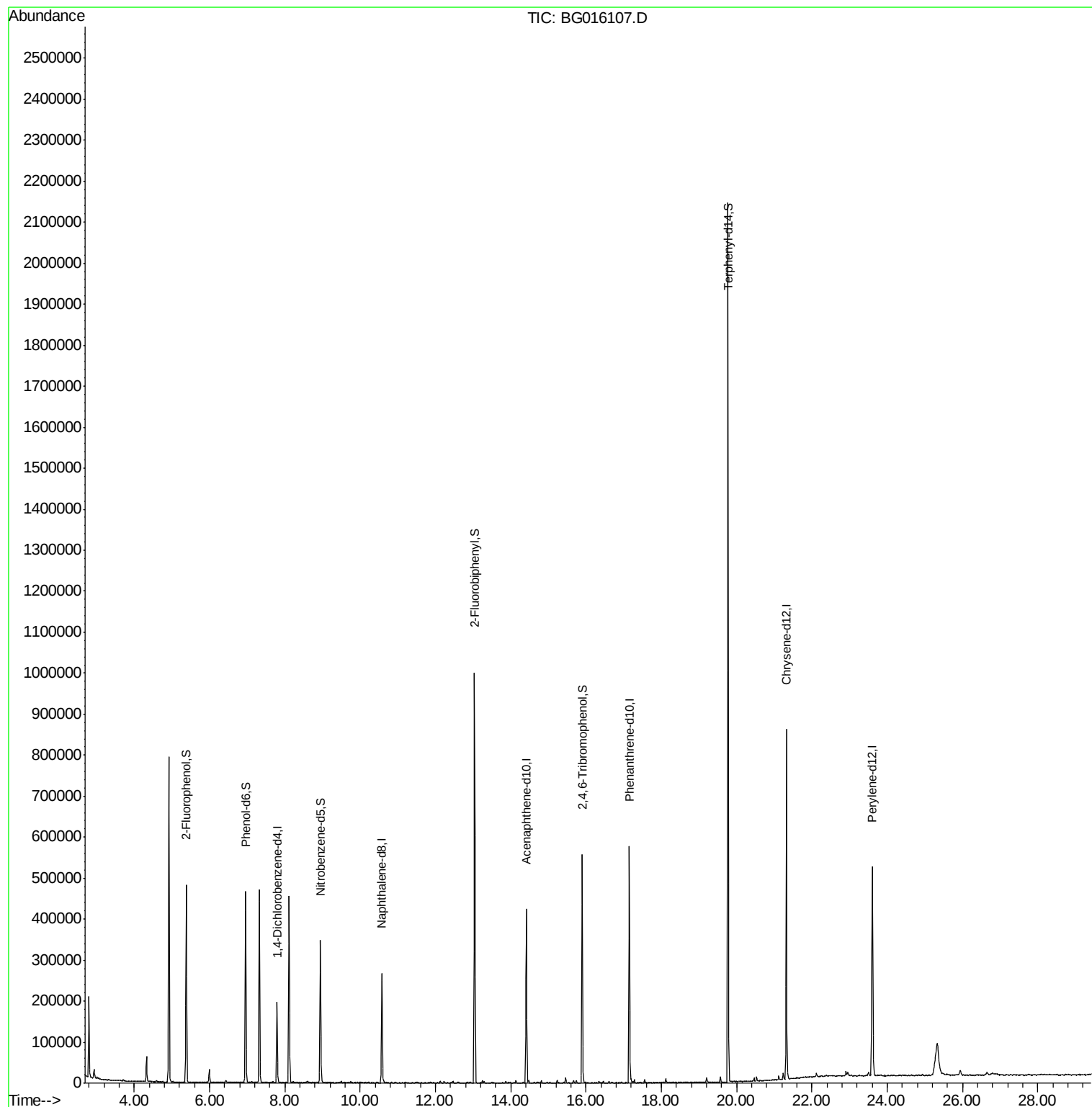
Target Compounds	Qvalue
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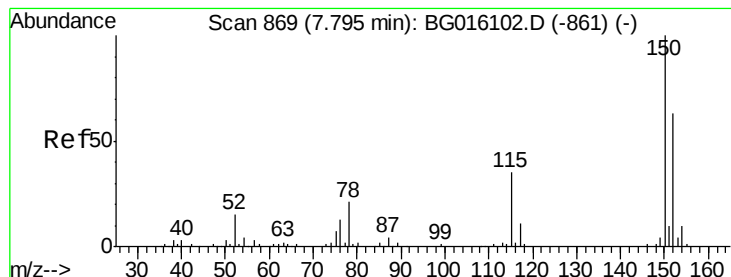
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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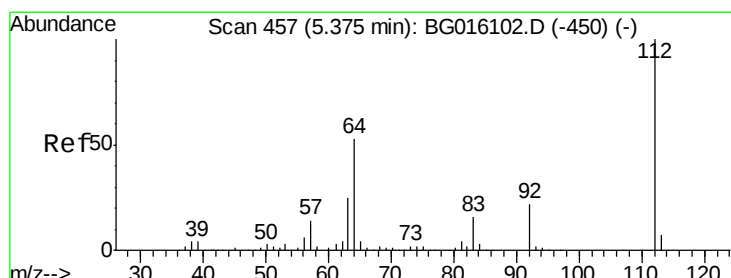
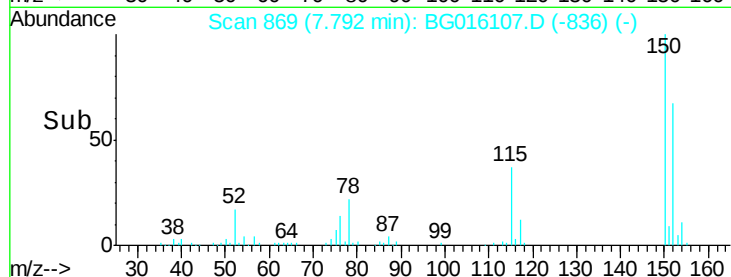
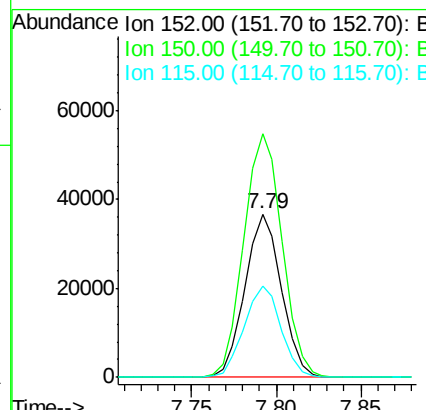
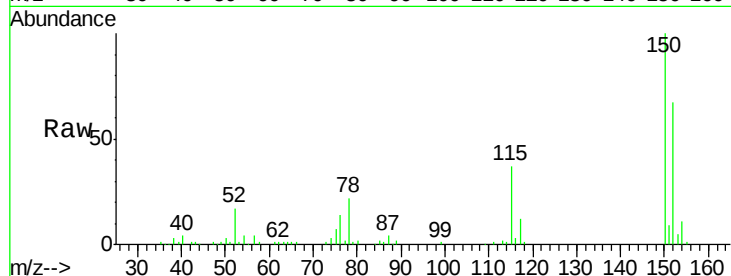




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 869
 Delta R.T. -0.00 min
 Lab File: BG016107.D
 Acq: 25 Mar 2015 17:59

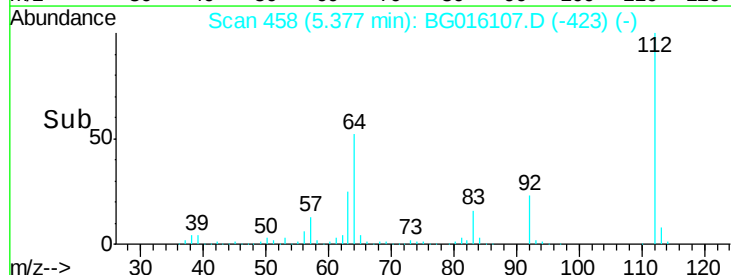
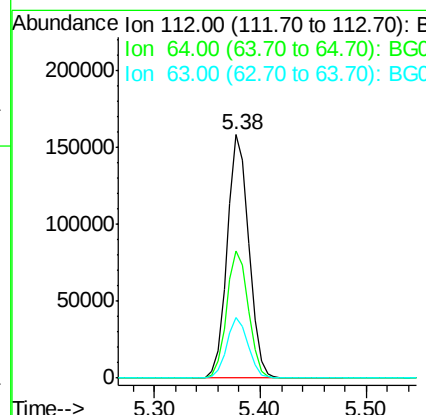
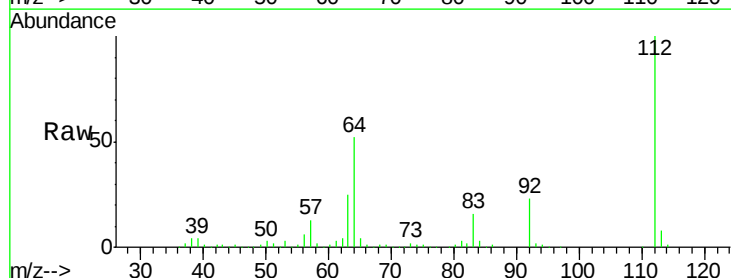
Instrument :
 BNA_G
 ClientSampleId :
 PB82316BL

Tgt Ion:152 Resp: 55137
 Ion Ratio Lower Upper
 152 100
 150 149.1 126.1 189.1
 115 55.7 43.7 65.5



#5
 2-Fluorophenol
 Concen: 68.20 ng
 RT: 5.38 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BG016107.D
 Acq: 25 Mar 2015 17:59

Tgt Ion:112 Resp: 224670
 Ion Ratio Lower Upper
 112 100
 64 52.5 42.6 64.0
 63 24.8 19.9 29.9





#7

Phenol-d6

Concen: 65.40 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016107.D

Acq: 25 Mar 2015 17:59

Instrument :

BNA_G

ClientSampleId :

PB82316BL

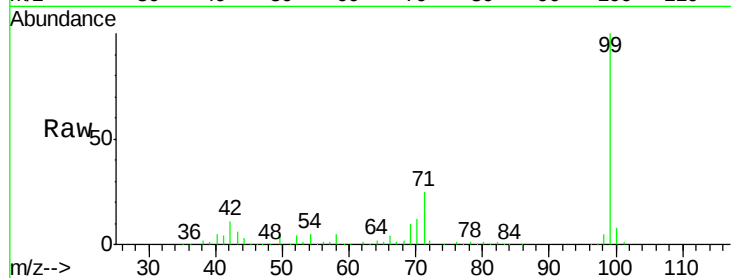
Tgt Ion: 99 Resp: 299874

Ion Ratio Lower Upper

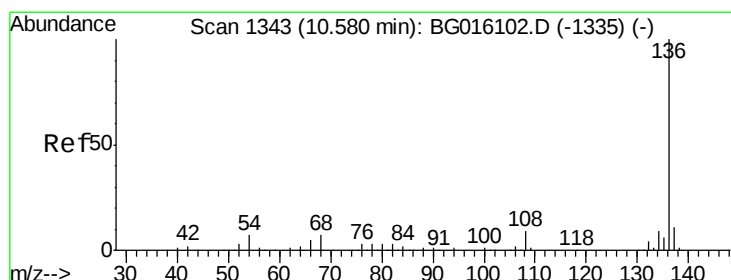
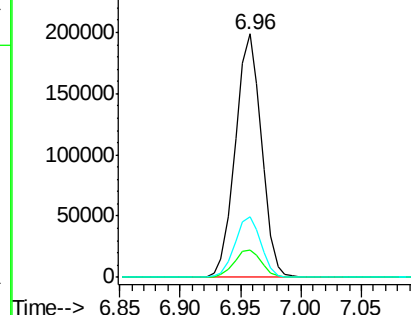
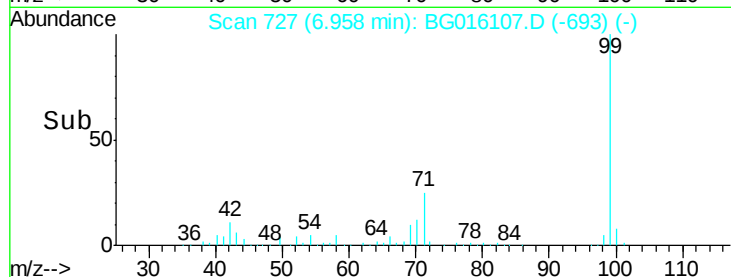
99 100

42 11.3 9.4 14.0

71 25.0 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: BG016107.D

Acq: 25 Mar 2015 17:59

Tgt Ion: 136 Resp: 229883

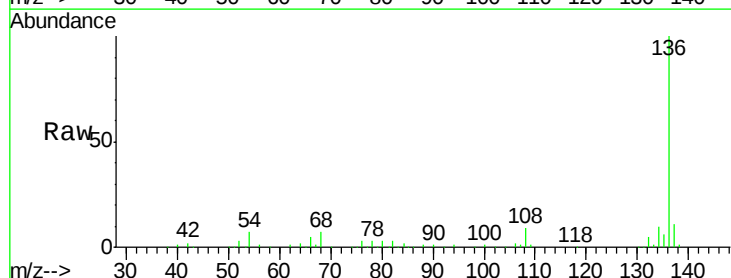
Ion Ratio Lower Upper

136 100

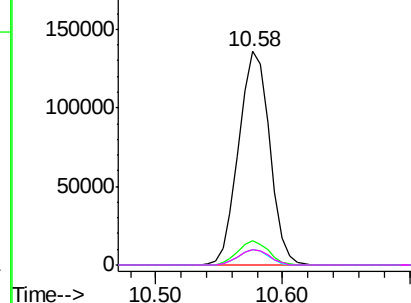
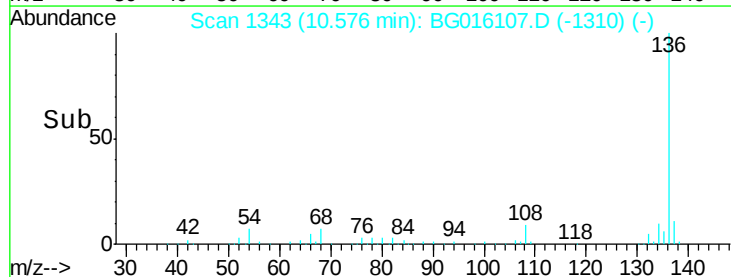
137 11.2 9.0 13.4

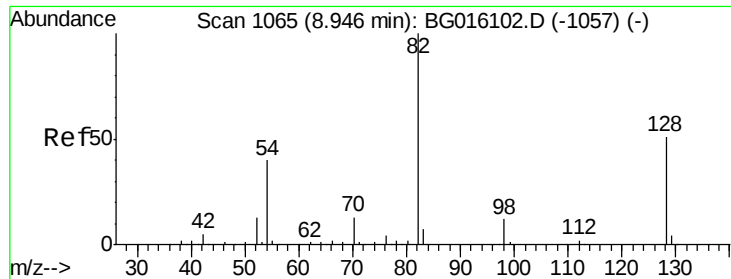
54 7.1 5.5 8.3

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

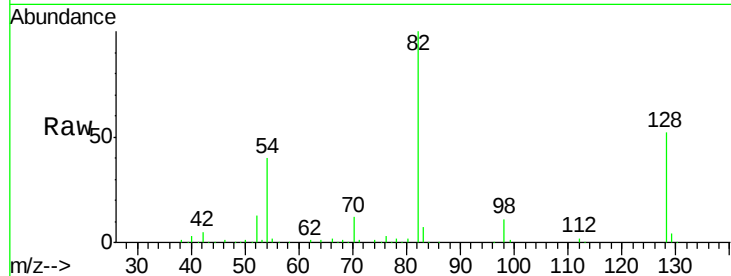




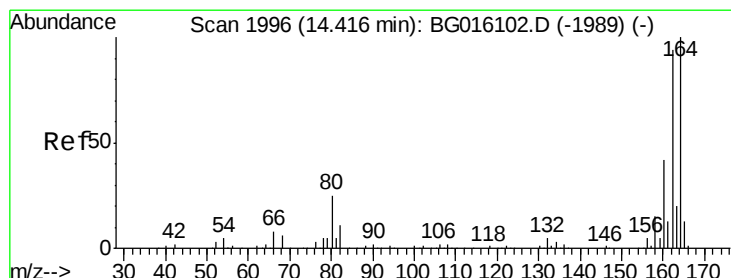
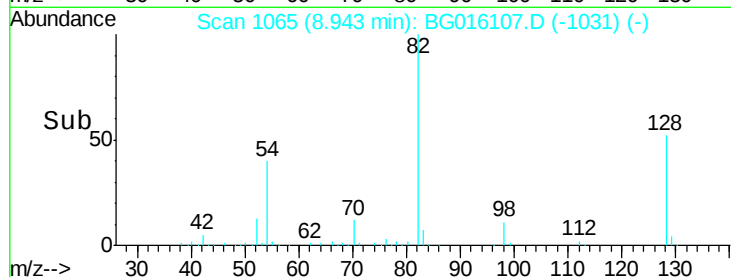
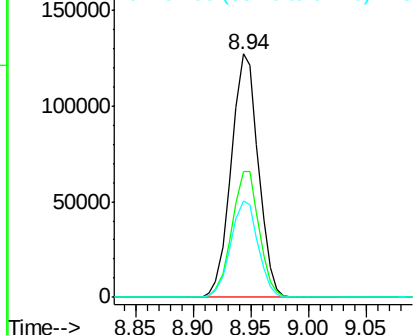
#23
Nitrobenzene-d5
Concen: 55.77 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016107.D
Acq: 25 Mar 2015 17:59

Instrument :
BNA_G
ClientSampleId :
PB82316BL

Tgt Ion: 82 Resp: 206779
Ion Ratio Lower Upper
82 100
128 51.8 40.4 60.6
54 39.7 32.1 48.1

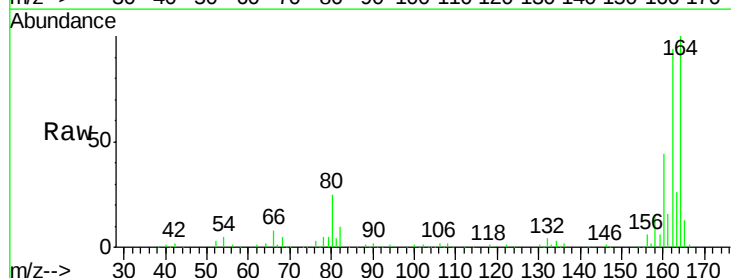


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

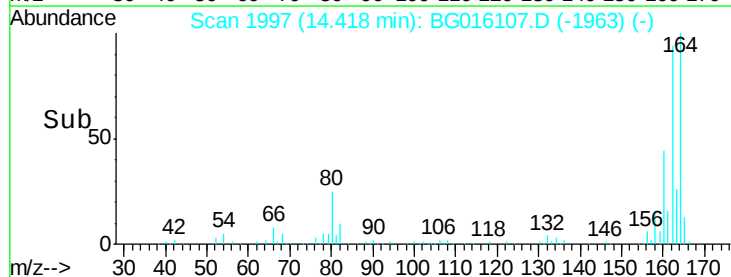
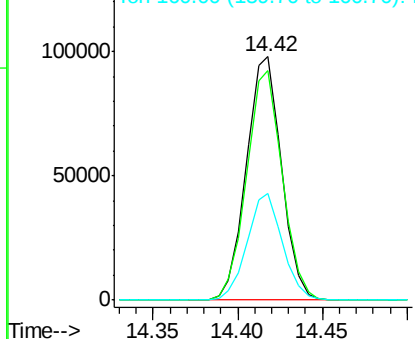


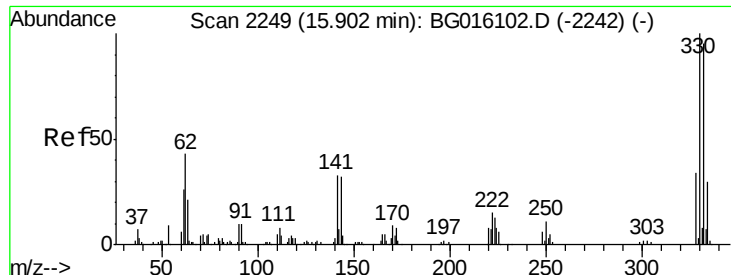
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.42 min Scan# 1997
Delta R.T. 0.00 min
Lab File: BG016107.D
Acq: 25 Mar 2015 17:59

Tgt Ion: 164 Resp: 141478
Ion Ratio Lower Upper
164 100
162 94.2 75.2 112.8
160 44.0 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

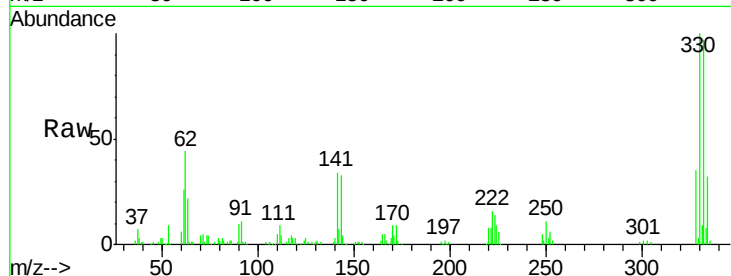




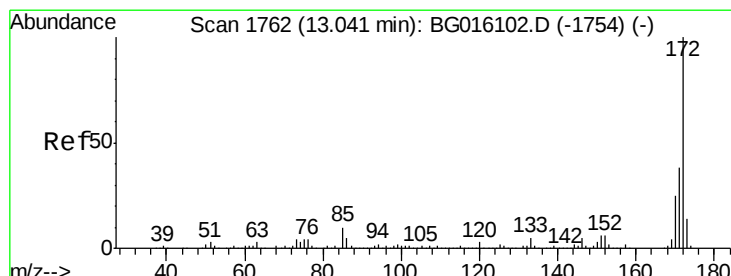
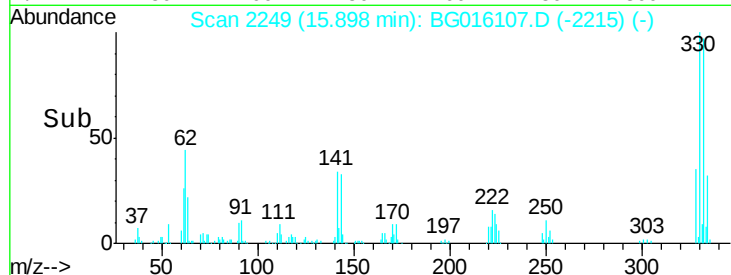
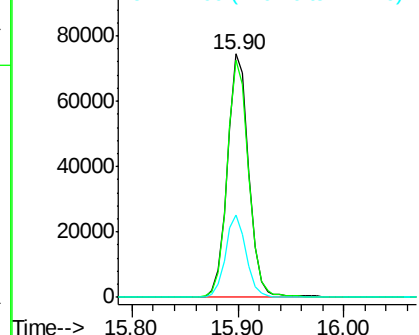
#41
 2,4,6-Tribromophenol
 Concen: 64.41 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016107.D
 Acq: 25 Mar 2015 17:59

Instrument :
 BNA_G
 ClientSampleId :
 PB82316BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	32.9	26.2	39.4

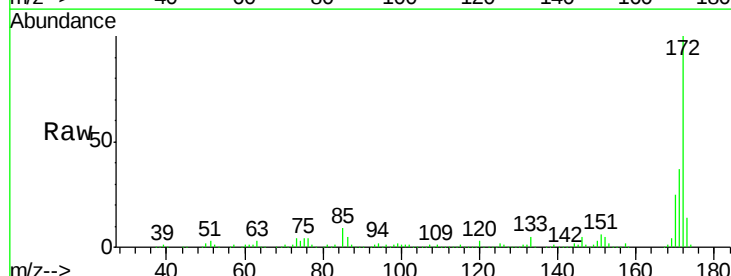


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

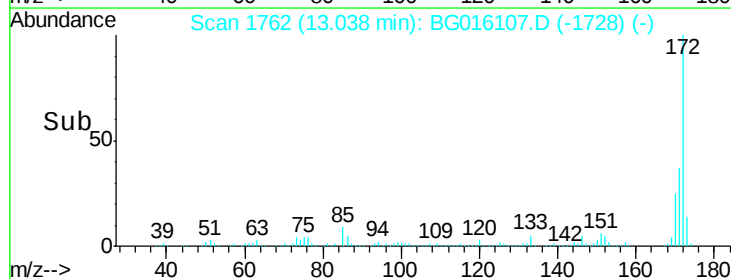
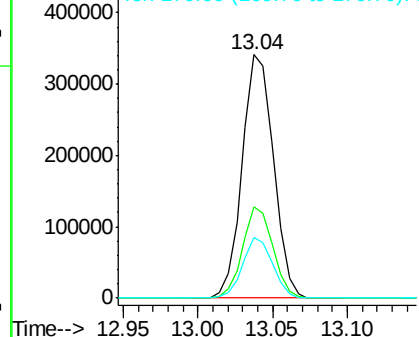


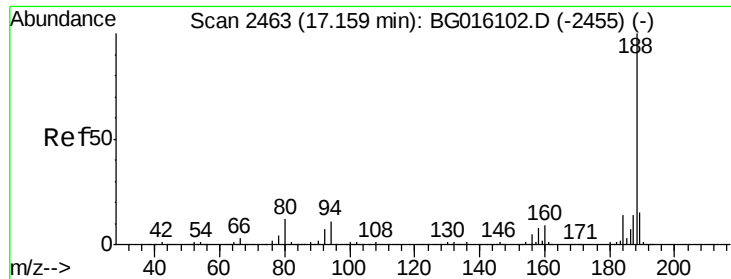
#44
 2-Fluorobiphenyl
 Concen: 58.86 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016107.D
 Acq: 25 Mar 2015 17:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.3	45.5
170	24.7	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

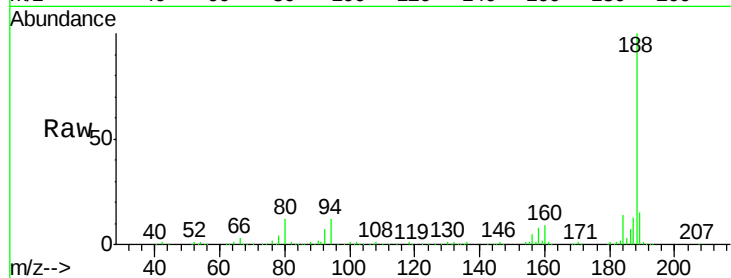




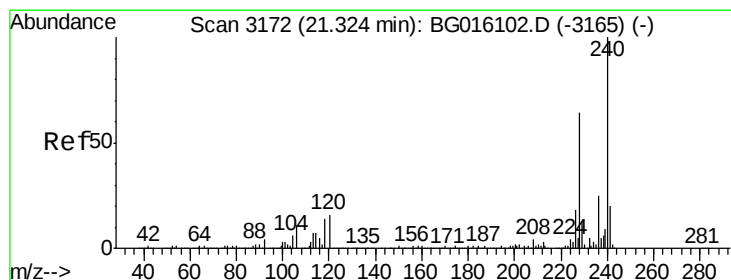
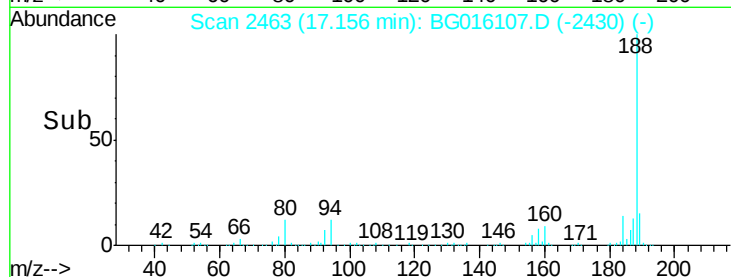
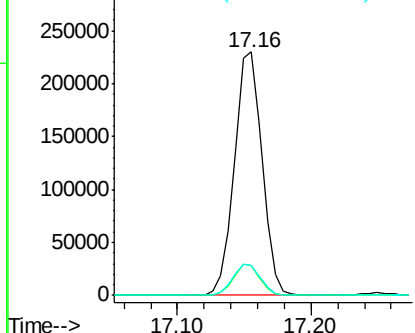
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016107.D
Acq: 25 Mar 2015 17:59

Instrument :
BNA_G
ClientSampleId :
PB82316BL

Tgt Ion:188 Resp: 331098
Ion Ratio Lower Upper
188 100
94 12.3 9.1 13.7
80 12.4 9.8 14.8

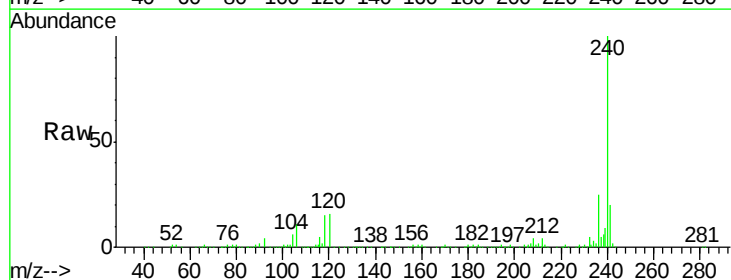


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

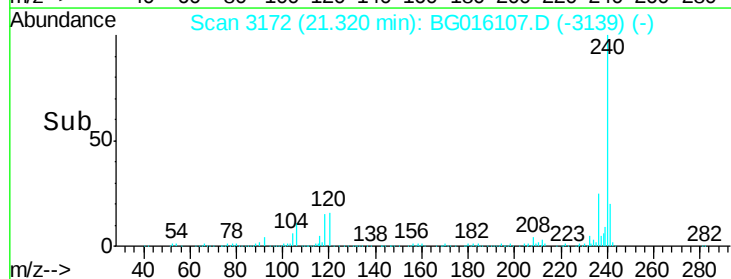
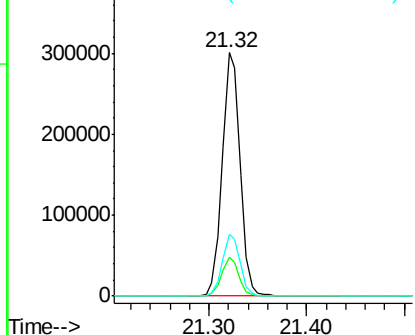


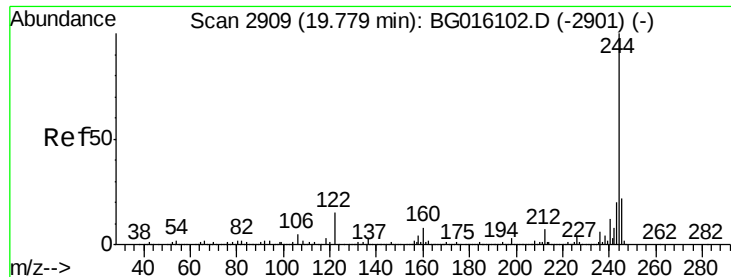
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016107.D
Acq: 25 Mar 2015 17:59

Tgt Ion:240 Resp: 380486
Ion Ratio Lower Upper
240 100
120 16.1 13.0 19.4
236 25.4 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: 59.52 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016107.D

Acq: 25 Mar 2015 17:59

Instrument :

BNA_G

ClientSampleId :

PB82316BL

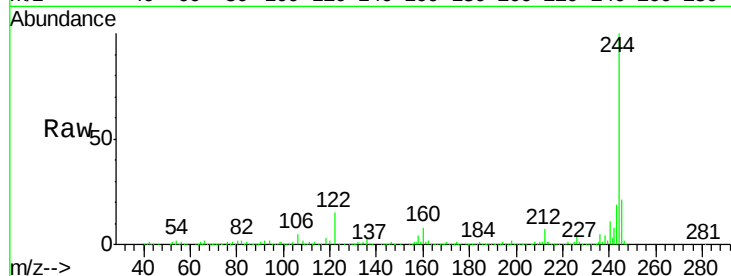
Tgt Ion:244 Resp: 899229

Ion Ratio Lower Upper

244 100

212 7.4 5.9 8.9

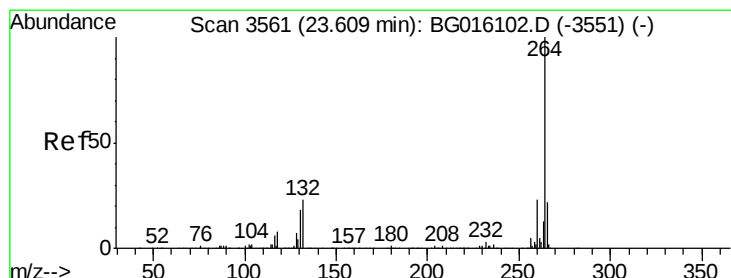
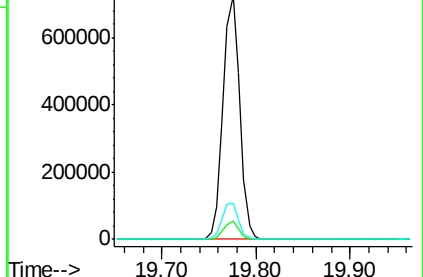
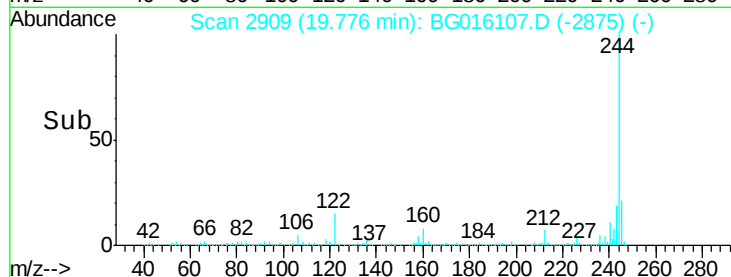
122 14.8 12.2 18.2



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# 3561

Delta R.T. -0.00 min

Lab File: BG016107.D

Acq: 25 Mar 2015 17:59

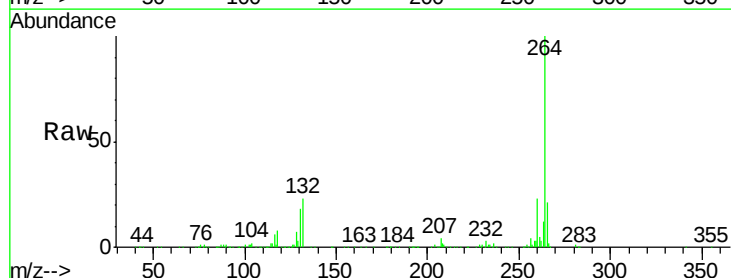
Tgt Ion:264 Resp: 367546

Ion Ratio Lower Upper

264 100

260 22.9 18.4 27.6

265 21.4 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

