

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016163.D
 Acq On : 27 Mar 2015 5:38
 Operator : TP/IZ
 Sample : G1653-14
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FD9

Quant Time: Mar 27 15:43:55 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	51513	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	225060	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	144651	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	320330	20.00	ng	-0.01
75) Chrysene-d12	21.32	240	327444	20.00	ng	0.00
86) Perylene-d12	23.60	264	317401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	335086	108.87	ng	0.00
7) Phenol-d6	6.96	99	481730	112.44	ng	0.00
23) Nitrobenzene-d5	8.95	82	243899	67.19	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	184225	110.91	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	599376	69.36	ng	0.00
78) Terphenyl-d14	19.77	244	880282	67.70	ng	0.00

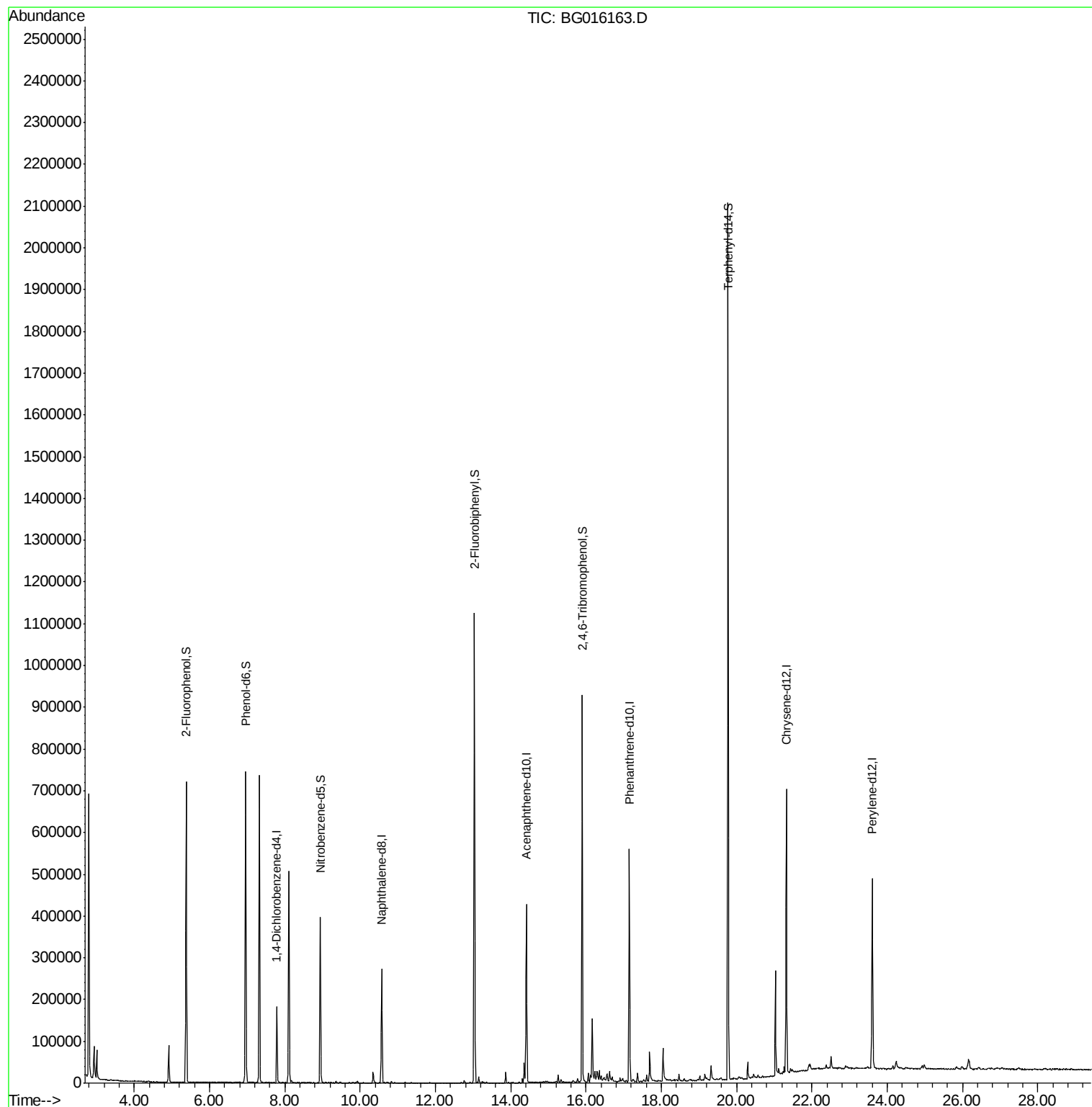
Target Compounds	Qvalue
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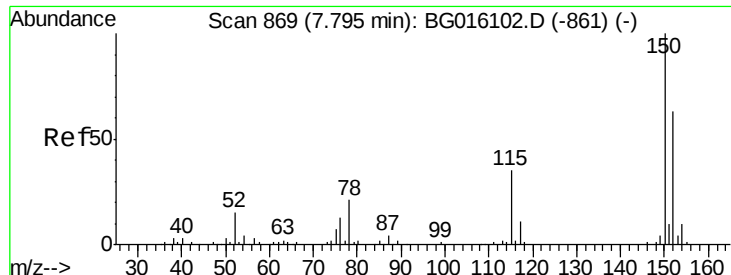
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.79 min Scan# 868

Delta R.T. -0.01 min

Lab File: BG016163.D

Acq: 27 Mar 2015 5:38

Instrument :

BNA_G

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FD9

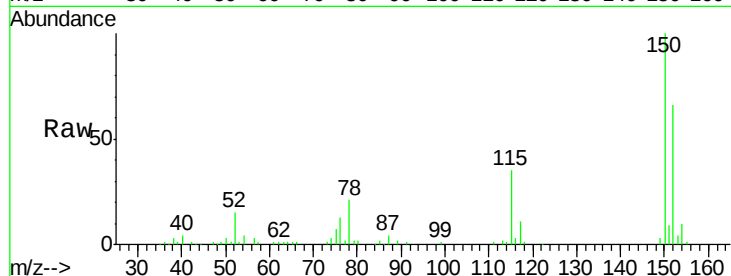
Tgt Ion:152 Resp: 51513

Ion Ratio Lower Upper

152 100

150 152.0 126.1 189.1

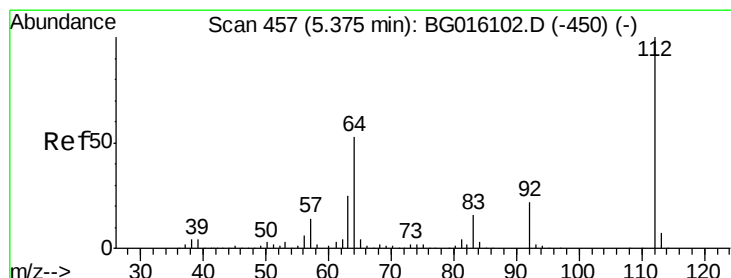
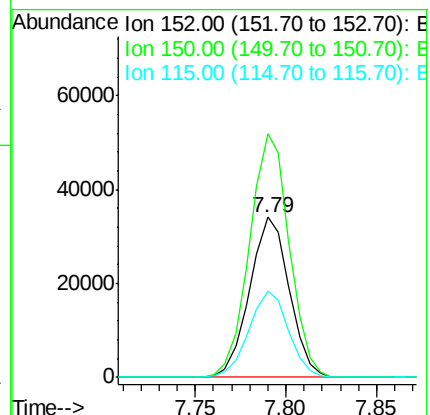
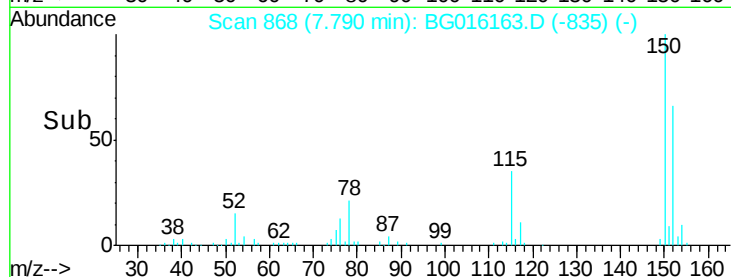
115 53.8 43.7 65.5



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: 108.87 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.01 min

Lab File: BG016163.D

Acq: 27 Mar 2015 5:38

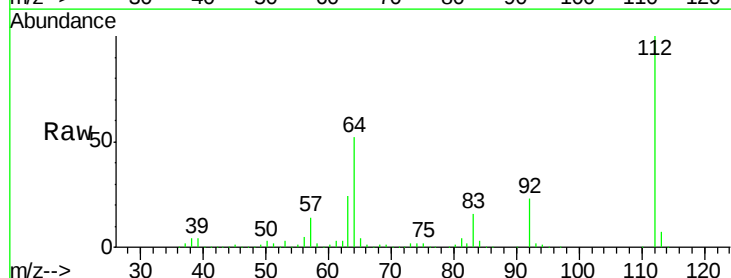
Tgt Ion:112 Resp: 335086

Ion Ratio Lower Upper

112 100

64 51.8 42.6 64.0

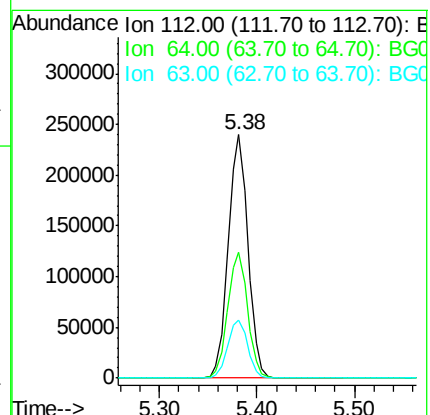
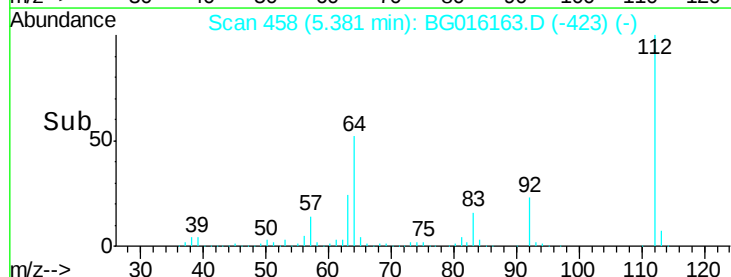
63 24.1 19.9 29.9



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: 112.44 ng

RT: 6.96 min Scan# 727

Delta R.T. 0.00 min

Lab File: BG016163.D

Acq: 27 Mar 2015 5:38

Instrument :

BNA_G

ClientSampleId :

FD9

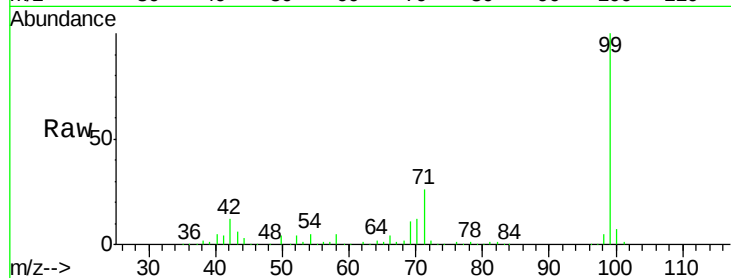
Tgt Ion: 99 Resp: 481730

Ion Ratio Lower Upper

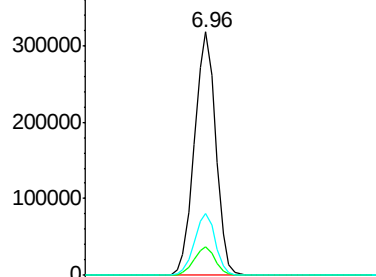
99 100

42 11.7 9.4 14.0

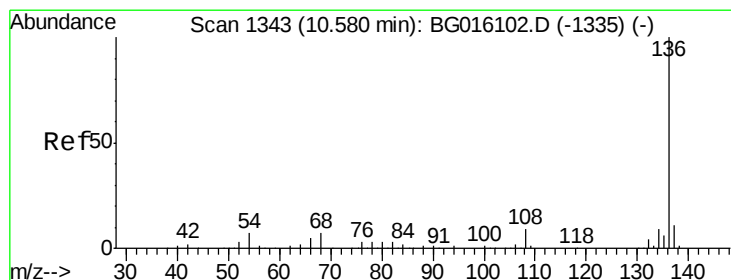
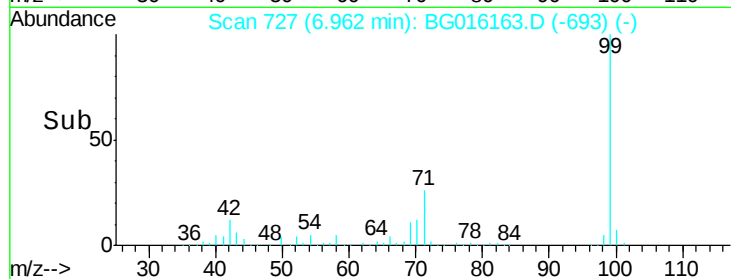
71 25.6 19.9 29.9



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.57 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BG016163.D

Acq: 27 Mar 2015 5:38

Tgt Ion: 136 Resp: 225060

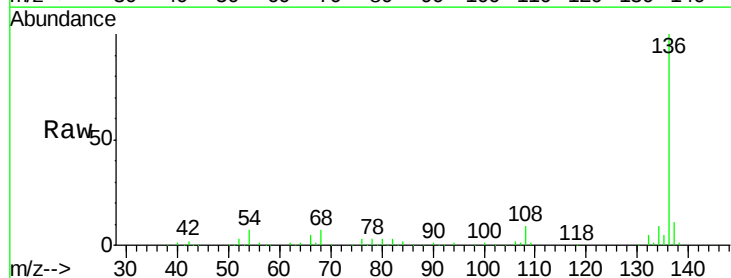
Ion Ratio Lower Upper

136 100

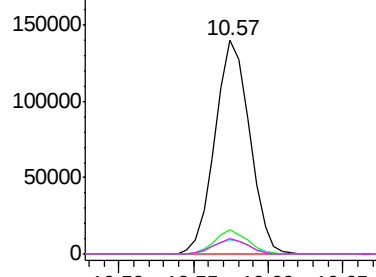
137 11.2 9.0 13.4

54 6.8 5.5 8.3

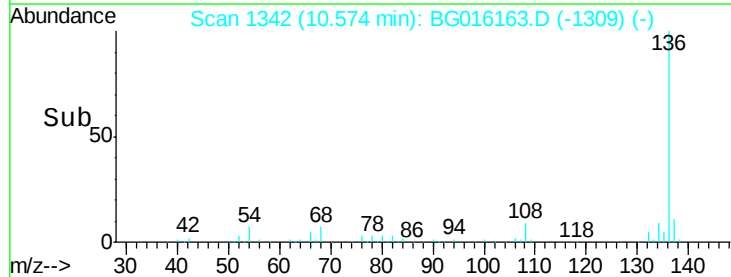
68 7.2 6.0 9.0

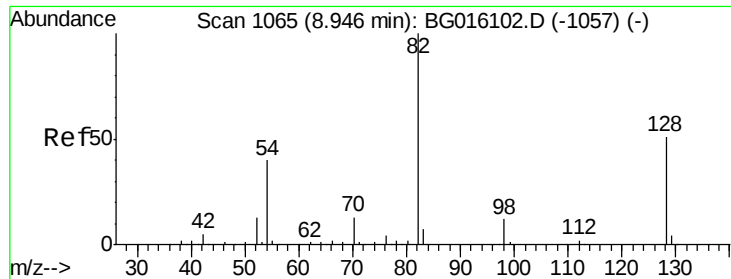


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

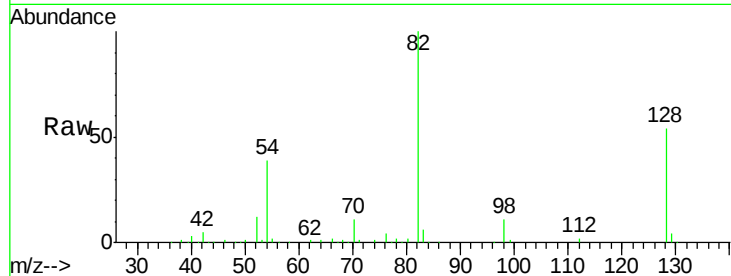




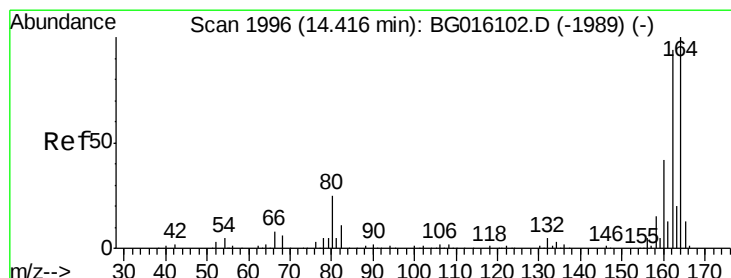
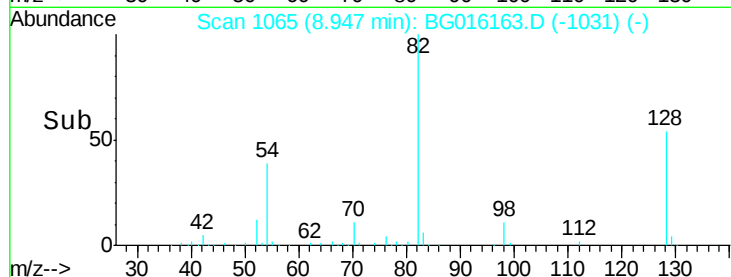
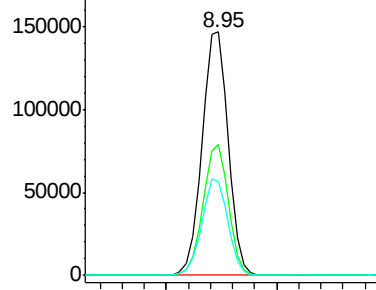
#23
 Nitrobenzene-d5
 Concen: 67.19 ng
 RT: 8.95 min Scan# 1065
 Delta R.T. 0.00 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 FD9

Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.7	40.4	60.6
54	38.5	32.1	48.1

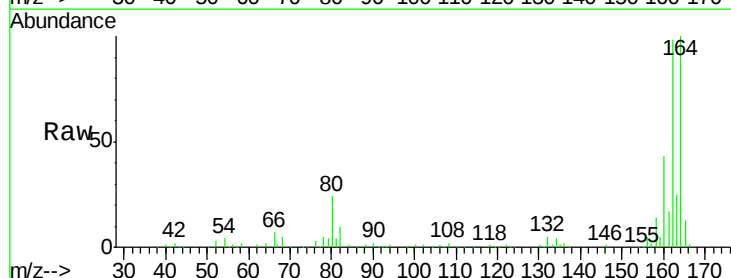


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

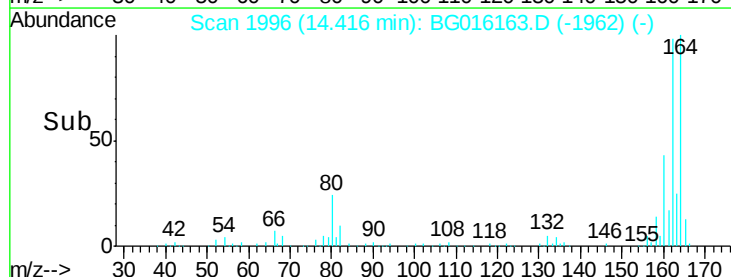
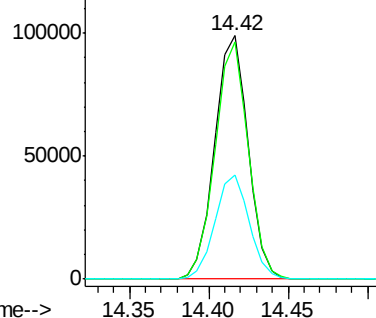


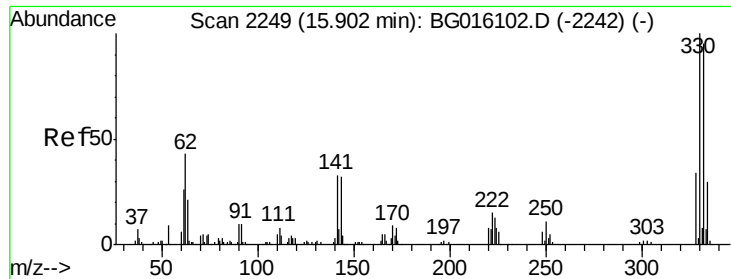
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.7	75.2	112.8
160	42.7	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

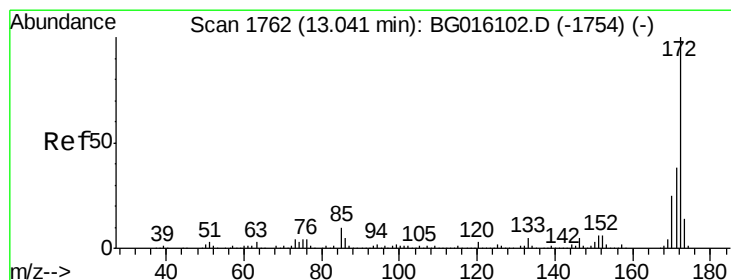
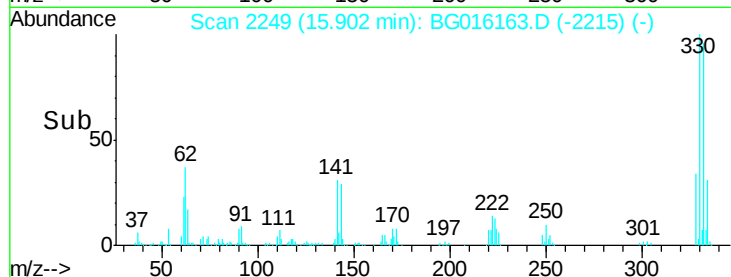
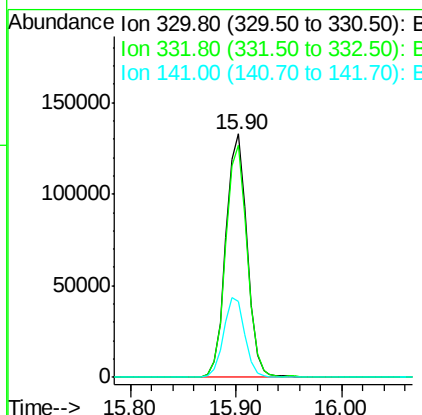
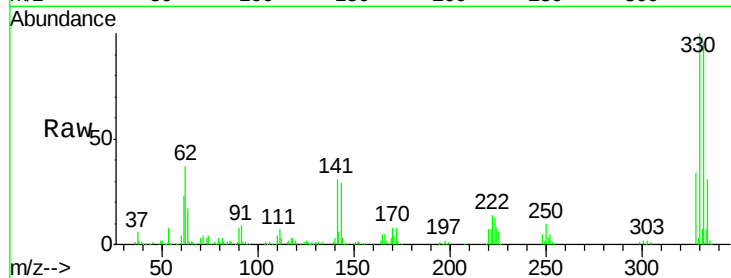




#41
 2,4,6-Tribromophenol
 Concen: 110.91 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. 0.00 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

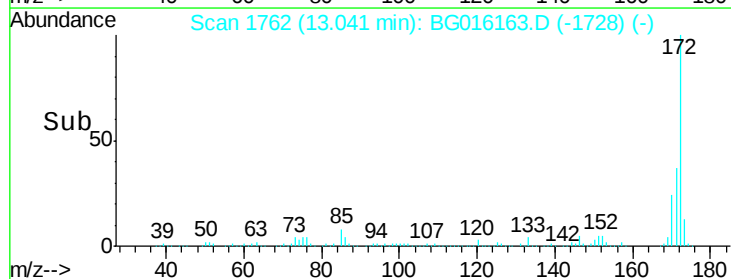
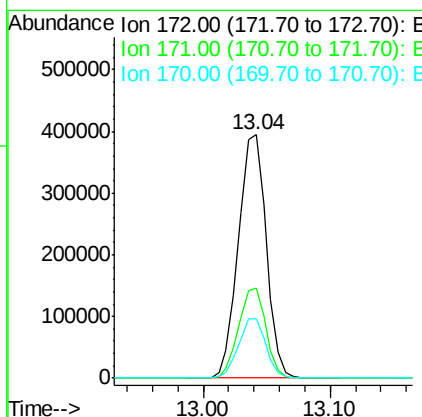
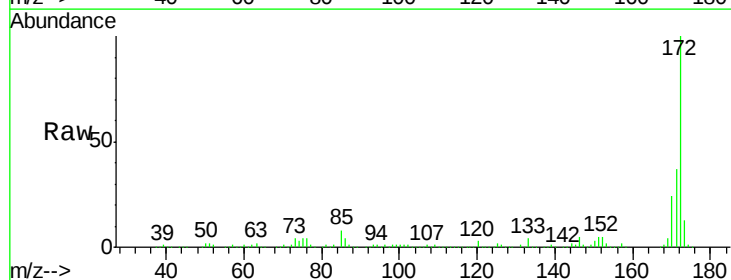
Instrument :
 BNA_G
 ClientSampleId :
 FD9

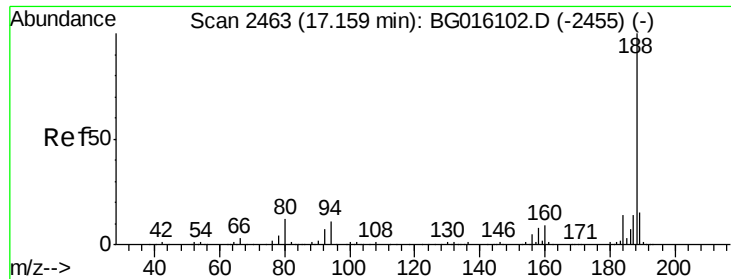
Tgt Ion:330 Resp: 184225
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.6 114.8
 141 32.9 26.2 39.4



#44
 2-Fluorobiphenyl
 Concen: 69.36 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

Tgt Ion:172 Resp: 599376
 Ion Ratio Lower Upper
 172 100
 171 37.1 30.3 45.5
 170 24.2 19.8 29.8

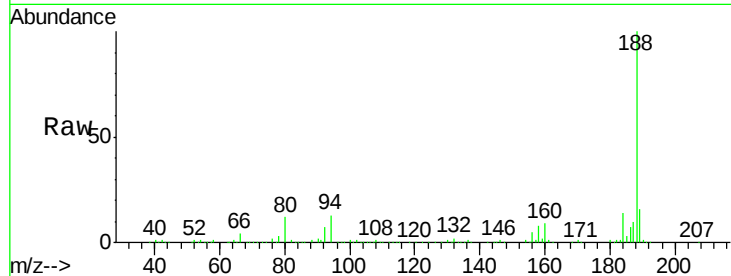




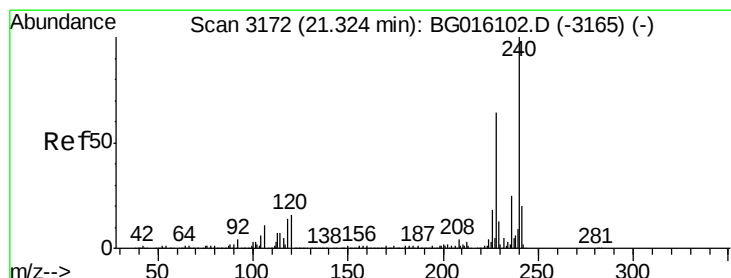
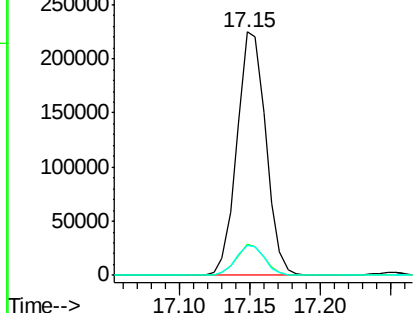
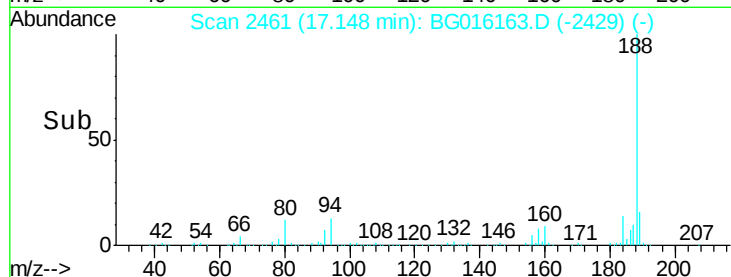
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG016163.D
Acq: 27 Mar 2015 5:38

Instrument :
BNA_G
ClientSampleId :
FD9

Tgt Ion:188 Resp: 320330
Ion Ratio Lower Upper
188 100
94 12.8 9.1 13.7
80 12.5 9.8 14.8

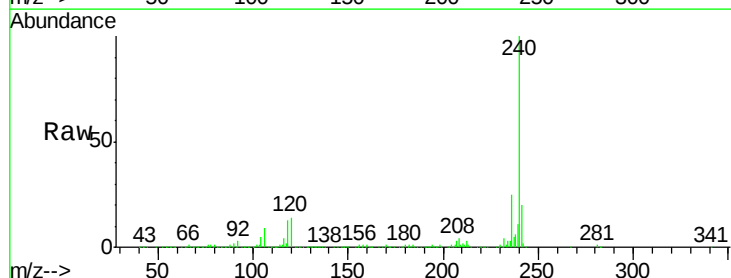


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

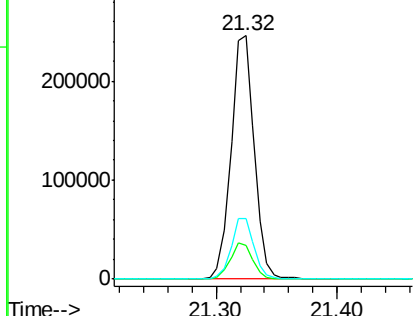
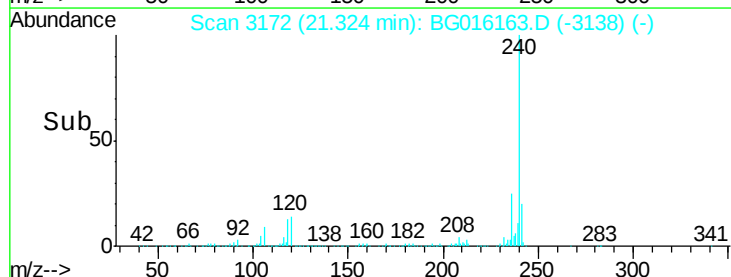


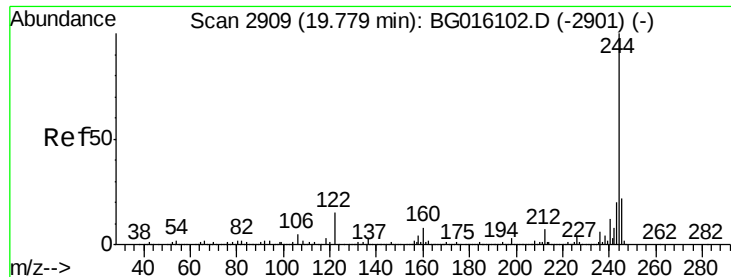
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. 0.00 min
Lab File: BG016163.D
Acq: 27 Mar 2015 5:38

Tgt Ion:240 Resp: 327444
Ion Ratio Lower Upper
240 100
120 13.8 13.0 19.4
236 24.7 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

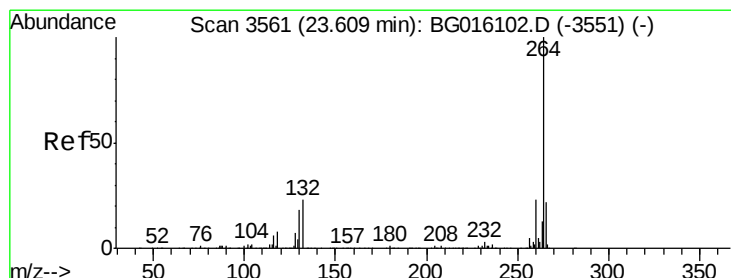
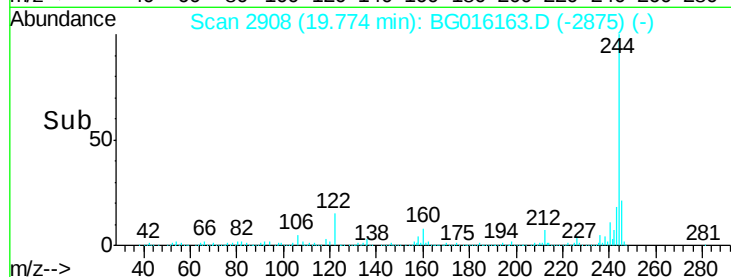
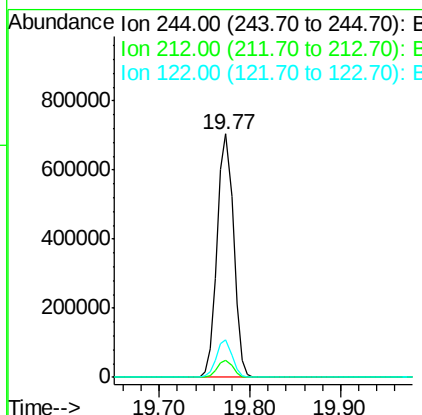
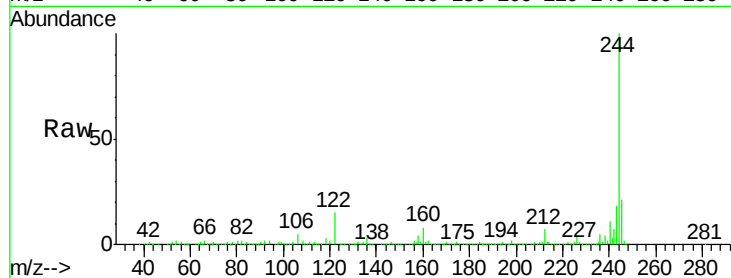




#78
 Terphenyl-d14
 Concen: 67.70 ng
 RT: 19.77 min Scan# 2908
 Delta R.T. -0.00 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

Instrument :
 BNA_G
 ClientSampleId :
 FD9

Tgt Ion:244 Resp: 880282
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 15.2 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.60 min Scan# 3560
 Delta R.T. -0.01 min
 Lab File: BG016163.D
 Acq: 27 Mar 2015 5:38

Tgt Ion:264 Resp: 317401
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.7 17.3 25.9

