

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016166.D
 Acq On : 27 Mar 2015 7:22
 Operator : TP/IZ
 Sample : G1654-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3-3-24-15

Quant Time: Mar 27 16:01:36 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	55829	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	249613	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	157764	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	340451	20.00	ng	0.00
75) Chrysene-d12	21.32	240	346388	20.00	ng	0.00
86) Perylene-d12	23.61	264	333403	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	170838	51.21	ng	0.00
7) Phenol-d6	6.96	99	144016	31.02	ng	0.00
23) Nitrobenzene-d5	8.95	82	352686	87.61	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	276272	152.50	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	897136	95.19	ng	0.00
78) Terphenyl-d14	19.78	244	1299757	94.50	ng	0.00

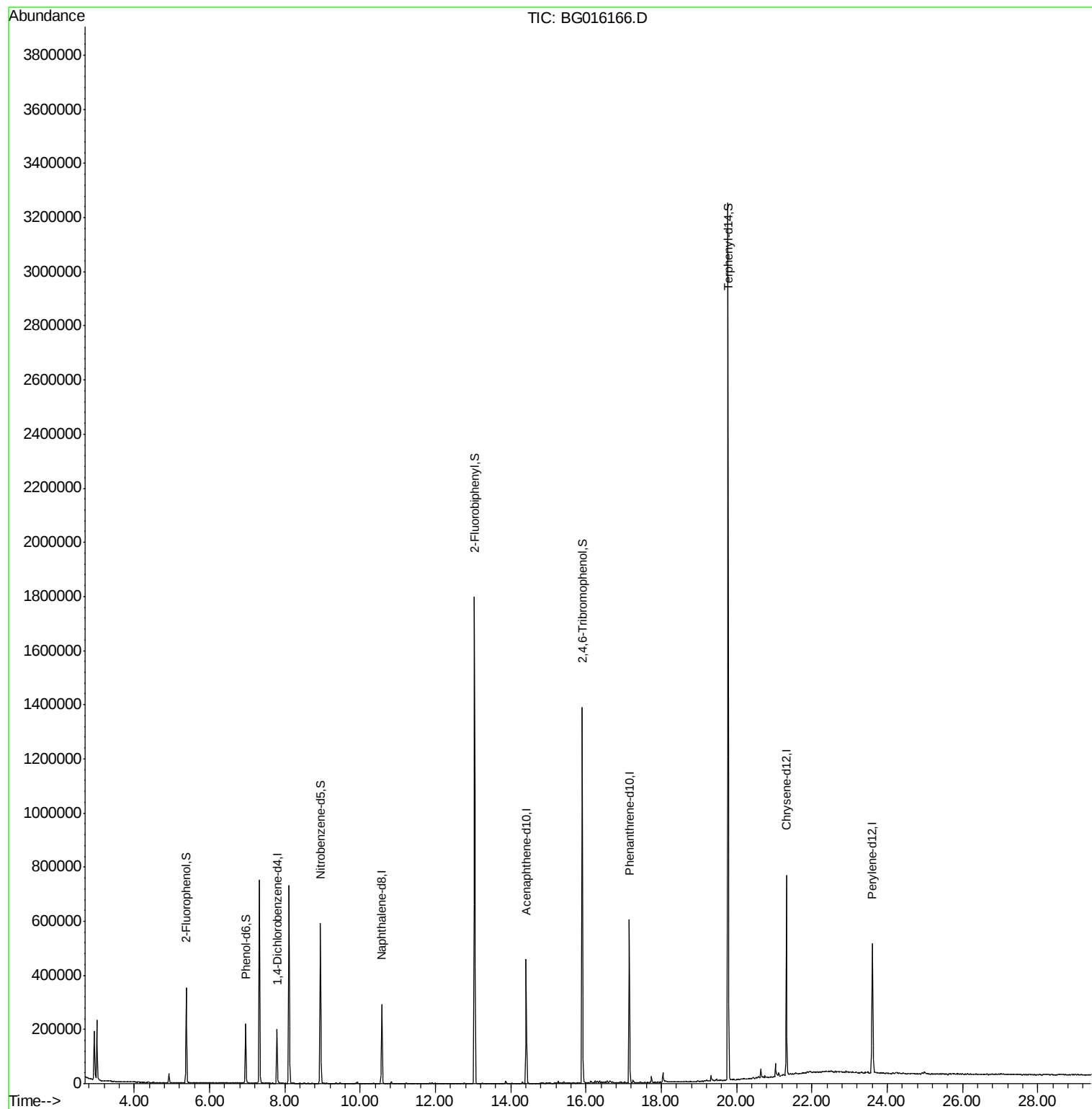
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016166.D

Acq: 27 Mar 2015 7:22

Instrument :

BNA_G

ClientSampleId :

PZ-3-3-24-15

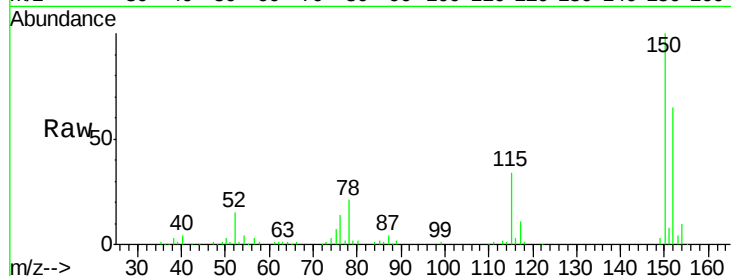
Tgt Ion:152 Resp: 55829

Ion Ratio Lower Upper

152 100

150 153.2 126.1 189.1

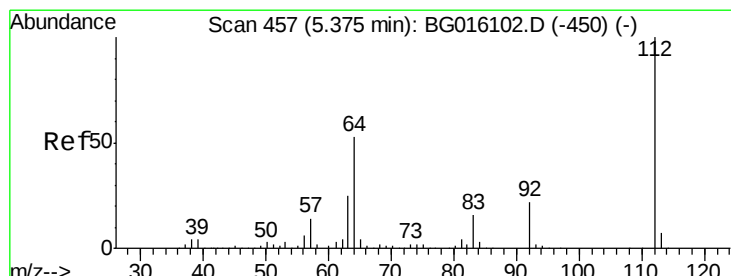
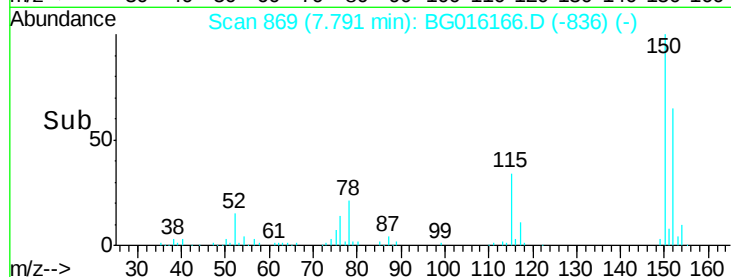
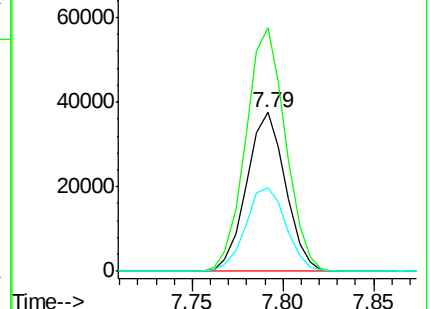
115 52.5 43.7 65.5



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: 51.21 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016166.D

Acq: 27 Mar 2015 7:22

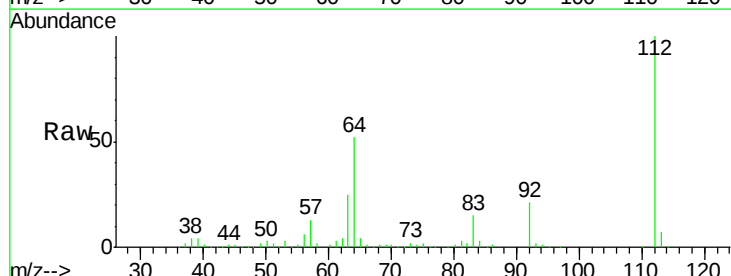
Tgt Ion:112 Resp: 170838

Ion Ratio Lower Upper

112 100

64 52.2 42.6 64.0

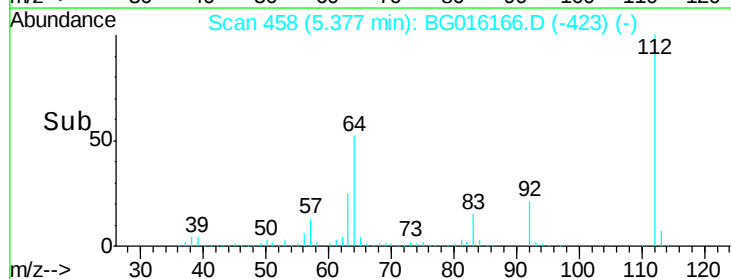
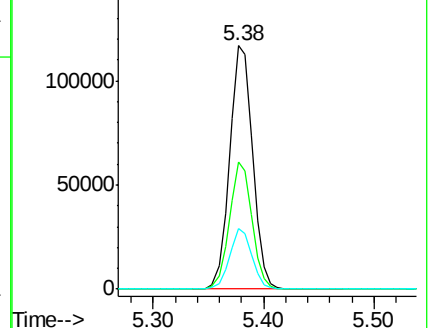
63 24.9 19.9 29.9

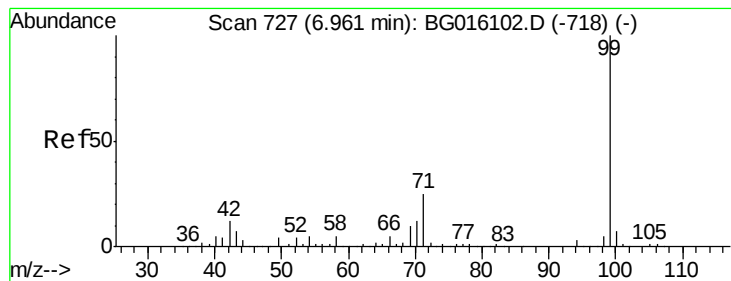


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.02 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016166.D

Acq: 27 Mar 2015 7:22

Instrument :

BNA_G

ClientSampleId :

PZ-3-3-24-15

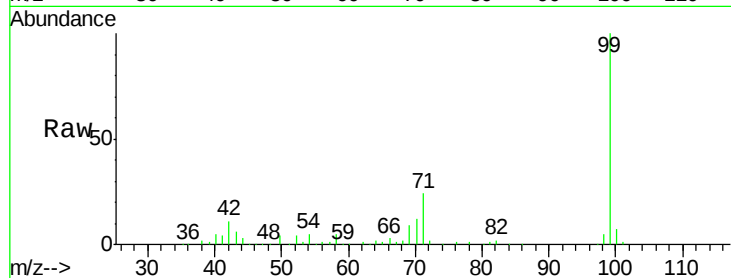
Tgt Ion: 99 Resp: 144016

Ion Ratio Lower Upper

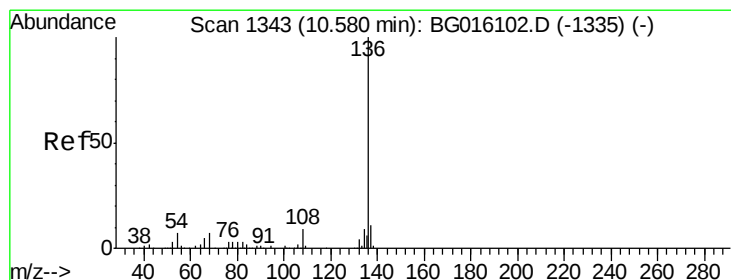
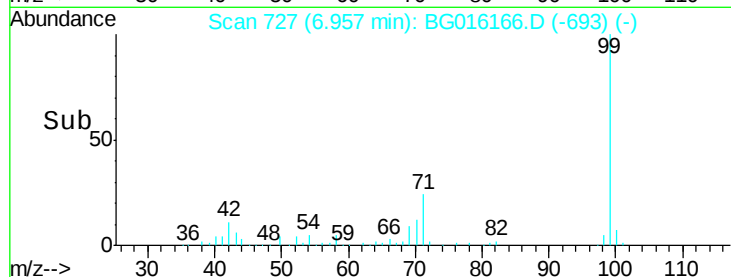
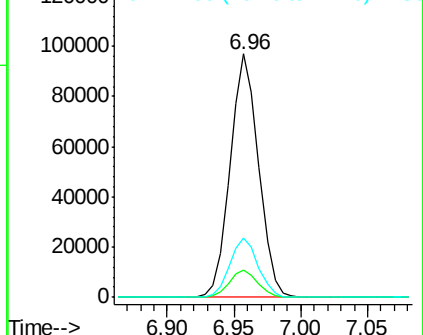
99 100

42 11.0 9.4 14.0

71 24.3 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: BG016166.D

Acq: 27 Mar 2015 7:22

Tgt Ion: 136 Resp: 249613

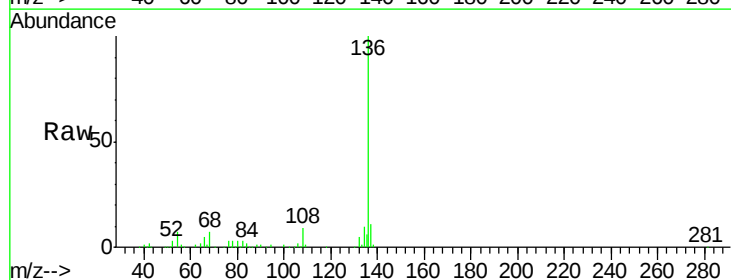
Ion Ratio Lower Upper

136 100

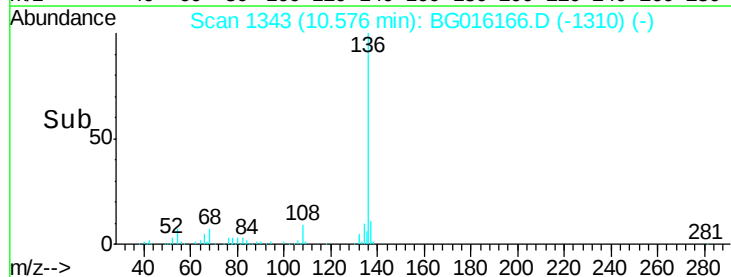
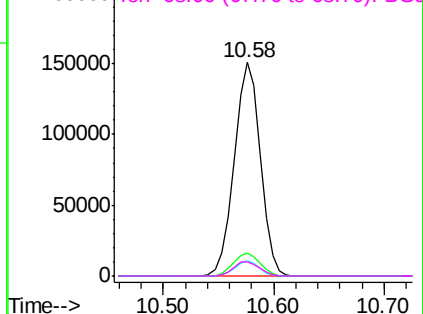
137 10.8 9.0 13.4

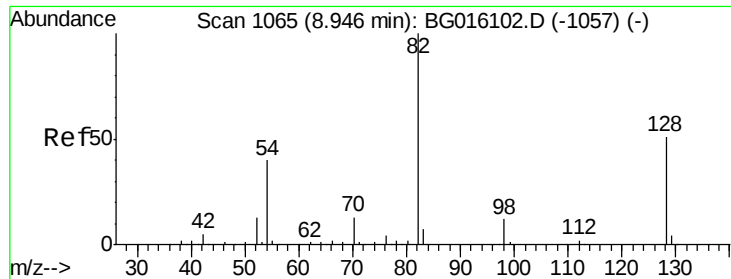
54 6.9 5.5 8.3

68 6.9 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

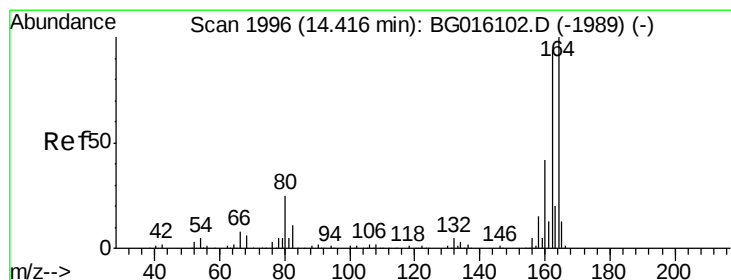
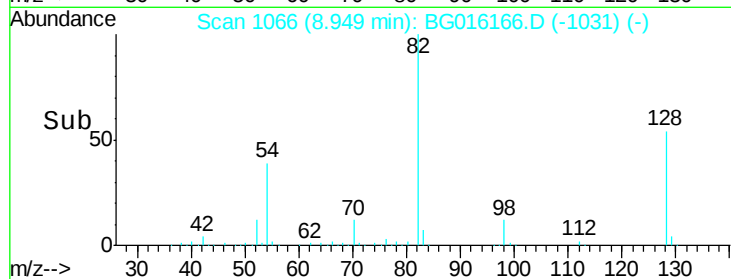
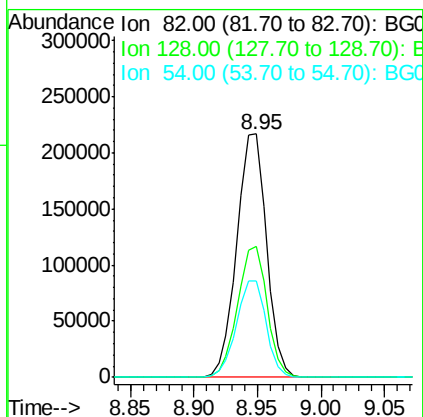
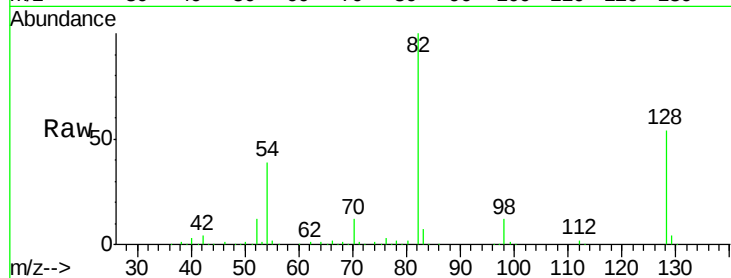




#23
 Nitrobenzene-d5
 Concen: 87.61 ng
 RT: 8.95 min Scan# 1066
 Delta R.T. 0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

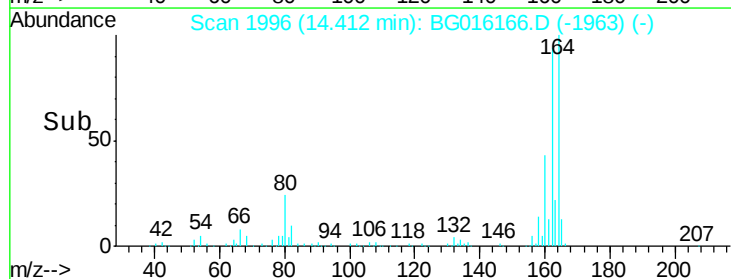
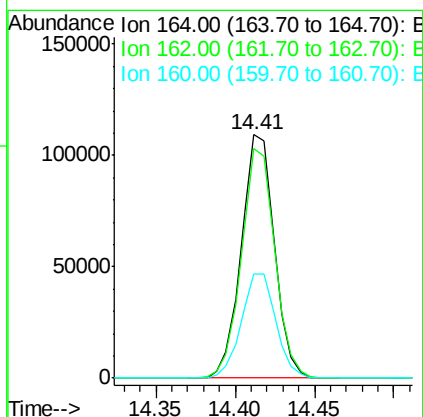
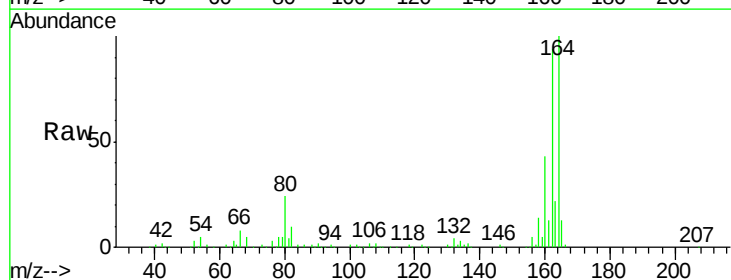
Instrument :
 BNA_G
 ClientSampleId :
 PZ-3-3-24-15

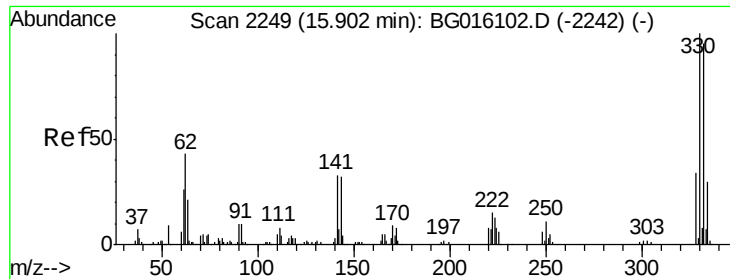
Tgt Ion	Ratio	Lower	Upper
82	100		
128	53.9	40.4	60.6
54	39.4	32.1	48.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.41 min Scan# 1996
 Delta R.T. -0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	75.2	112.8
160	42.6	33.9	50.9

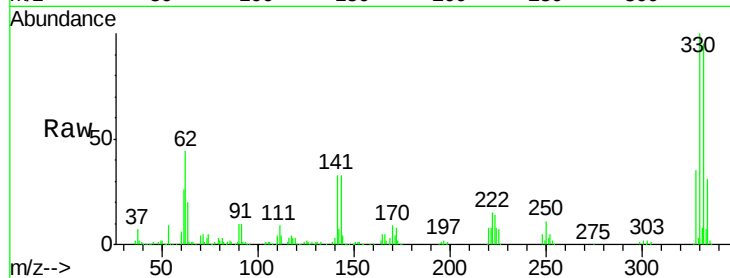




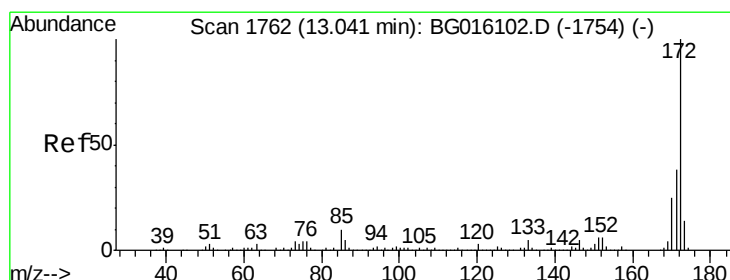
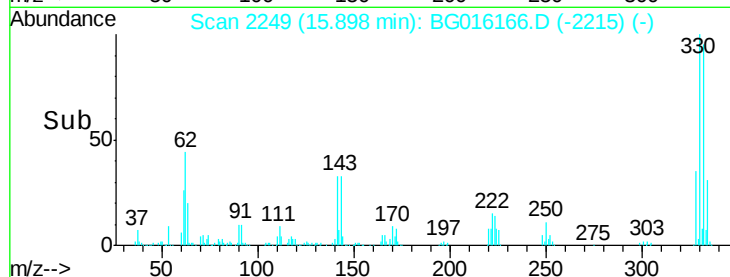
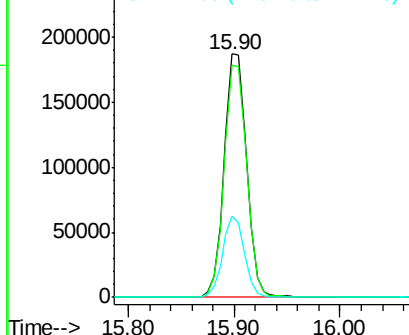
#41
 2,4,6-Tribromophenol
 Concen: 152.50 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3-3-24-15

Tgt Ion:330 Resp: 276272
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 32.5 26.2 39.4

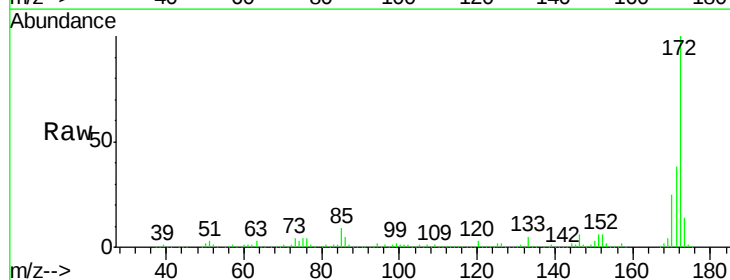


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

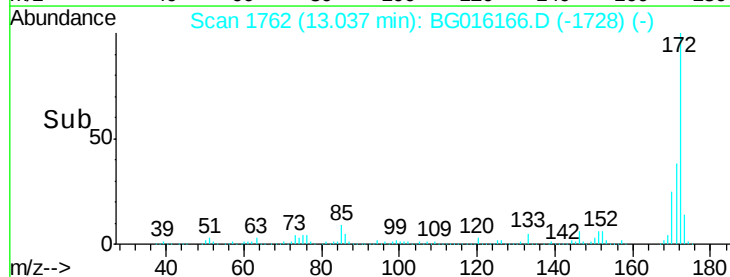
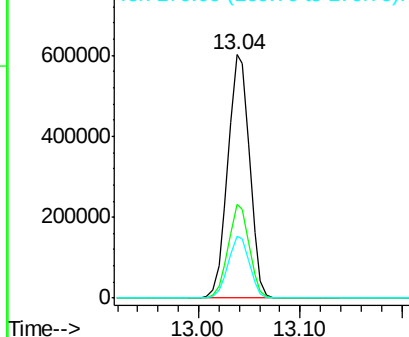


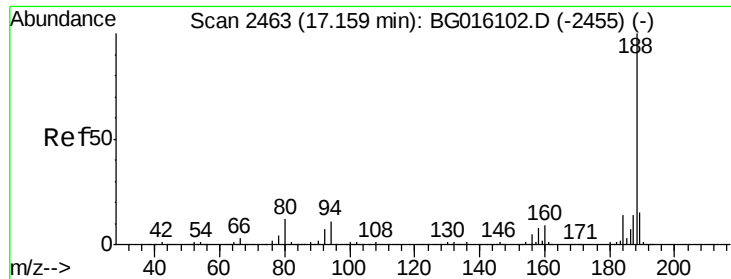
#44
 2-Fluorobiphenyl
 Concen: 95.19 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

Tgt Ion:172 Resp: 897136
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.3 45.5
 170 25.3 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

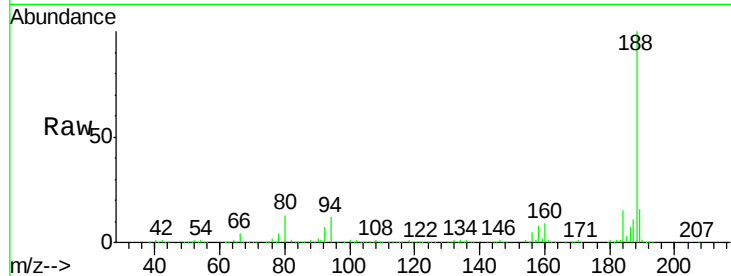




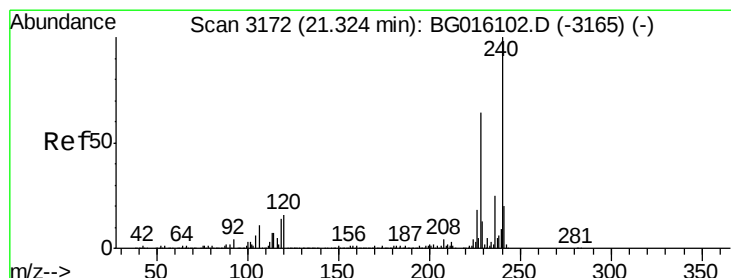
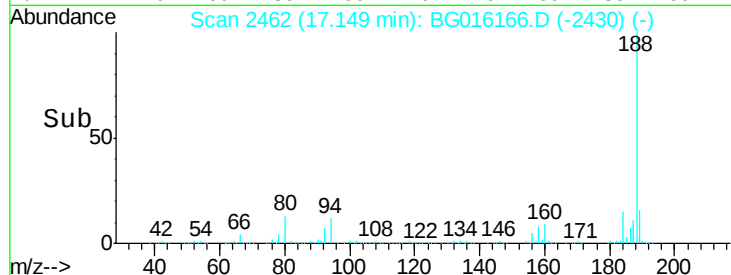
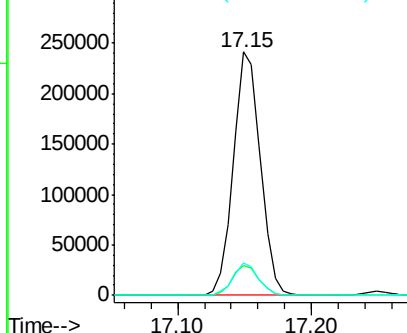
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016166.D
Acq: 27 Mar 2015 7:22

Instrument :
BNA_G
ClientSampleId :
PZ-3-3-24-15

Tgt Ion:188 Resp: 340451
Ion Ratio Lower Upper
188 100
94 12.5 9.1 13.7
80 13.2 9.8 14.8

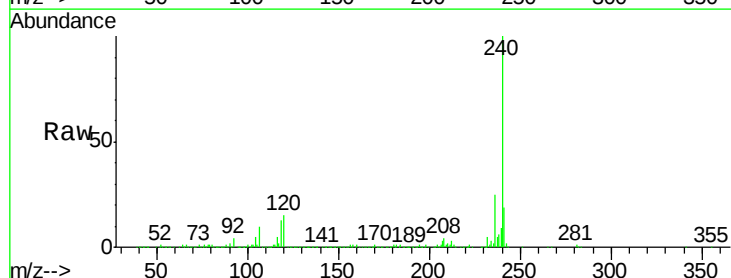


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

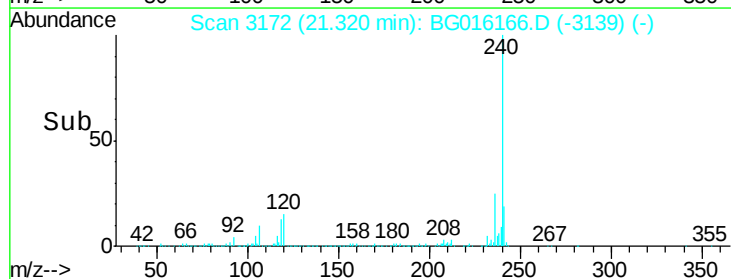
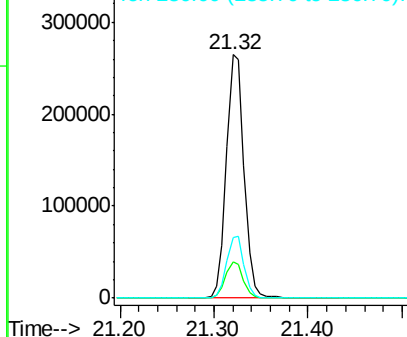


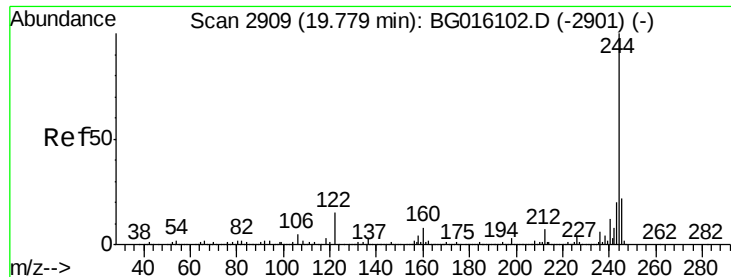
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.00 min
Lab File: BG016166.D
Acq: 27 Mar 2015 7:22

Tgt Ion:240 Resp: 346388
Ion Ratio Lower Upper
240 100
120 15.2 13.0 19.4
236 25.0 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

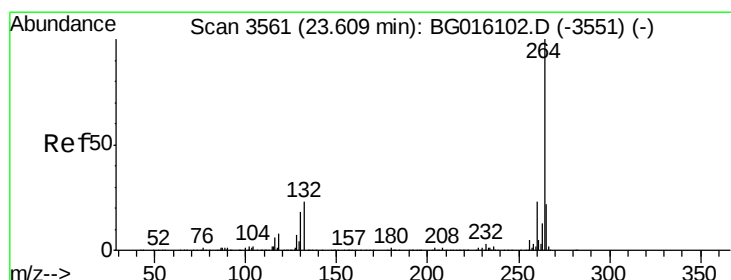
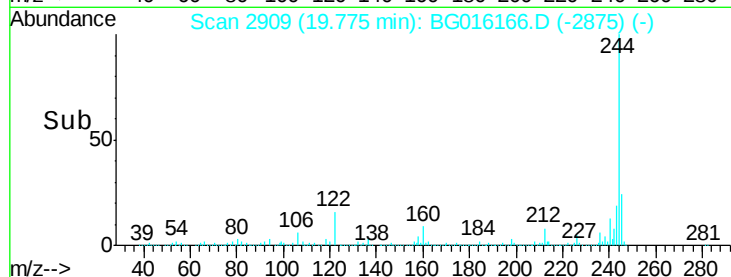
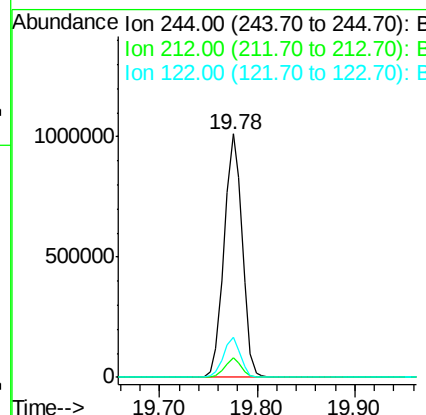
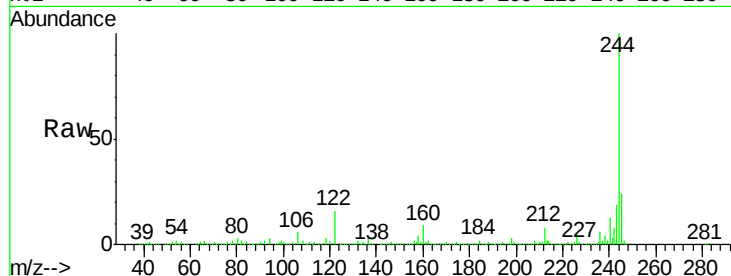




#78
 Terphenyl-d14
 Concen: 94.50 ng
 RT: 19.78 min Scan# 2909
 Delta R.T. -0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3-3-24-15

Tgt Ion:244 Resp: 1299757
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.9 8.9
 122 16.4 12.2 18.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.61 min Scan# 3561
 Delta R.T. -0.00 min
 Lab File: BG016166.D
 Acq: 27 Mar 2015 7:22

Tgt Ion:264 Resp: 333403
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.6 17.3 25.9

