

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032615\
 Data File : BG016150.D
 Acq On : 26 Mar 2015 20:58
 Operator : TP/IZ
 Sample : PB82338BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BL

Quant Time: Mar 27 02:46:20 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	48350	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	205014	20.00	ng	0.00
38) Acenaphthene-d10	14.41	164	126945	20.00	ng	0.00
63) Phenanthrene-d10	17.15	188	294404	20.00	ng	0.00
75) Chrysene-d12	21.32	240	310395	20.00	ng	0.00
86) Perylene-d12	23.61	264	297872	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	382247	132.31	ng	0.00
7) Phenol-d6	6.96	99	516229	128.38	ng	0.01
23) Nitrobenzene-d5	8.94	82	258090	78.06	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	194174	133.21	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	663695	87.51	ng	0.00
78) Terphenyl-d14	19.78	244	1075618	87.27	ng	0.00

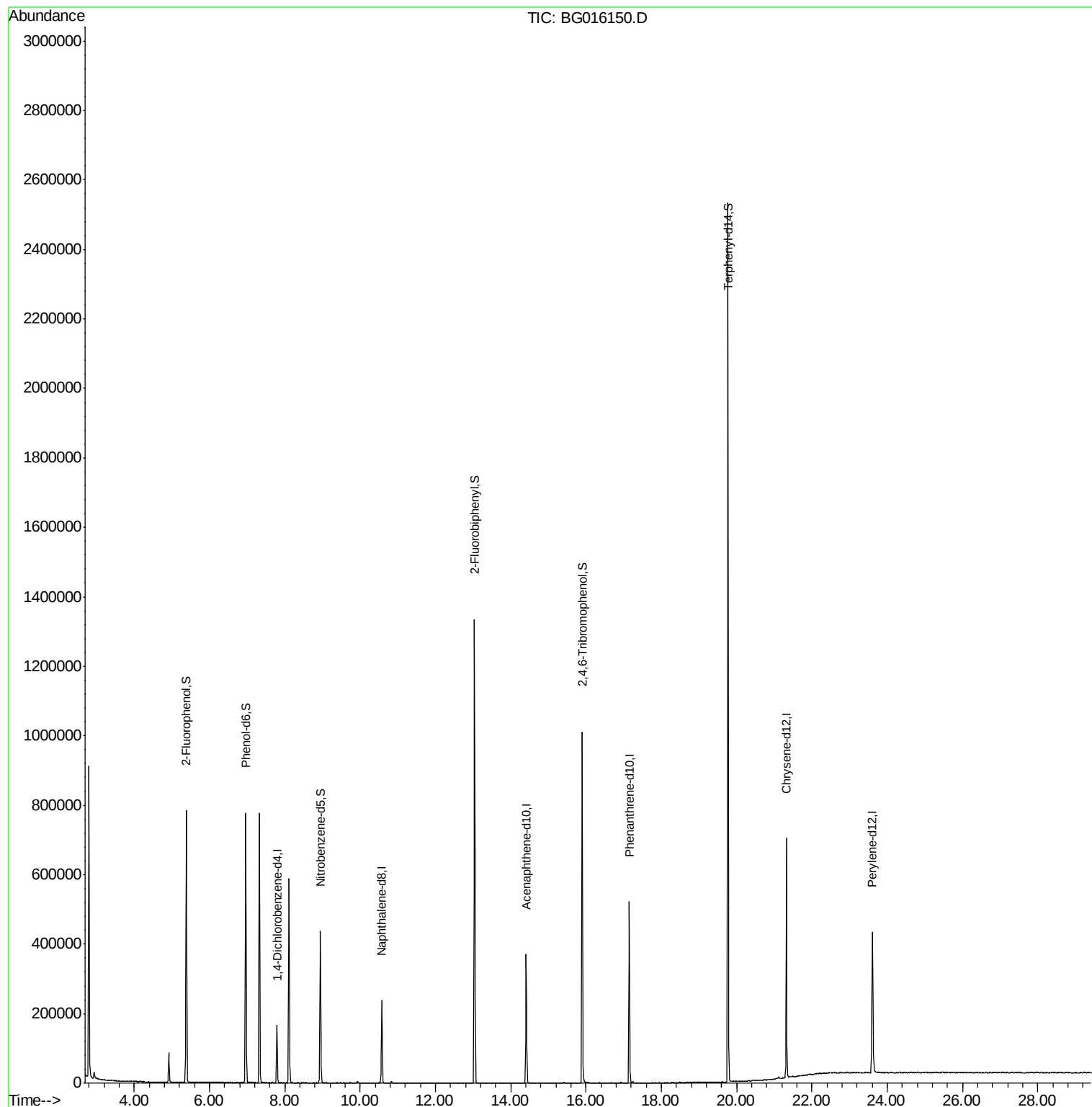
Target Compounds	Qvalue
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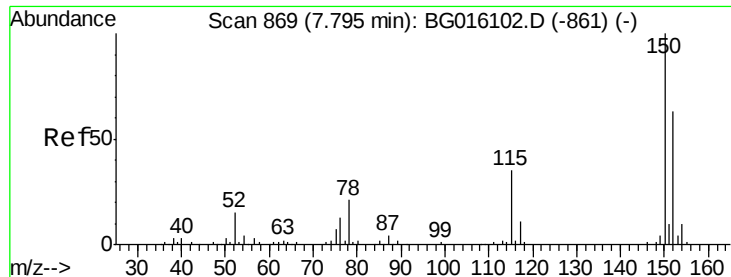
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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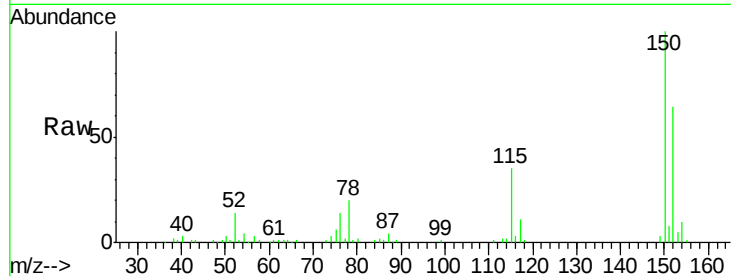


#1

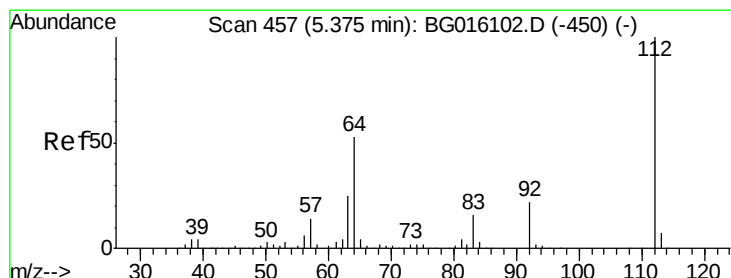
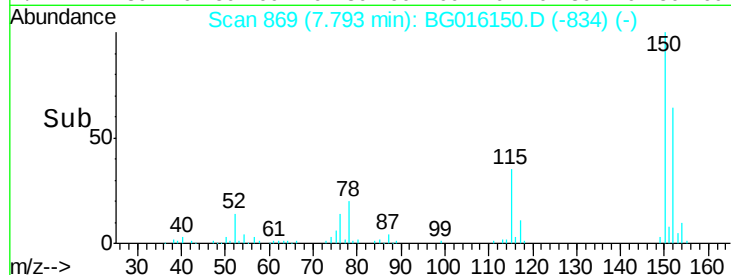
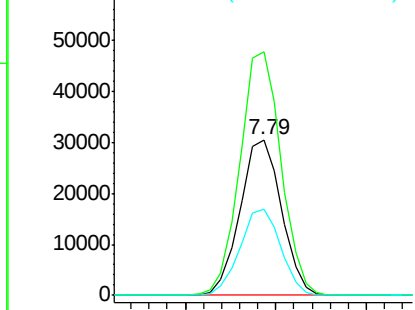
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.79 min Scan# 869
 Delta R.T. 0.00 min
 Lab File: BG016150.D
 Acq: 26 Mar 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BL

Tgt Ion:152 Resp: 48350
 Ion Ratio Lower Upper
 152 100
 150 156.6 126.1 189.1
 115 55.4 43.7 65.5



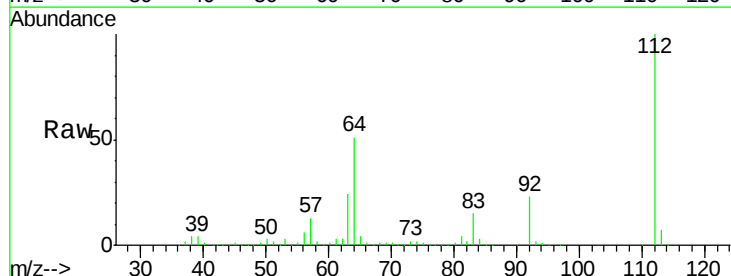
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



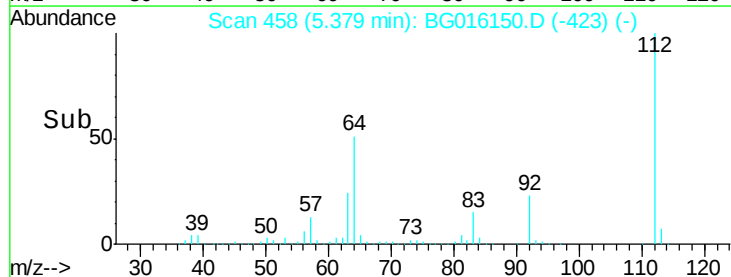
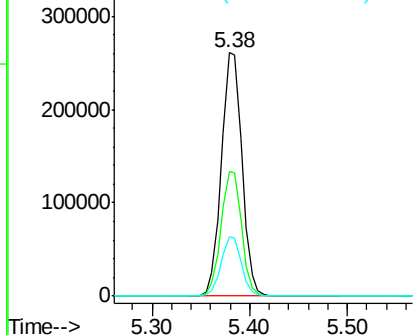
#5

2-Fluorophenol
 Concen: 132.31 ng
 RT: 5.38 min Scan# 458
 Delta R.T. 0.00 min
 Lab File: BG016150.D
 Acq: 26 Mar 2015 20:58

Tgt Ion:112 Resp: 382247
 Ion Ratio Lower Upper
 112 100
 64 51.4 42.6 64.0
 63 24.5 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: 128.38 ng

RT: 6.96 min Scan# 728

Delta R.T. 0.01 min

Lab File: BG016150.D

Acq: 26 Mar 2015 20:58

Instrument :

BNA_G

ClientSampleId :

PB82338BL

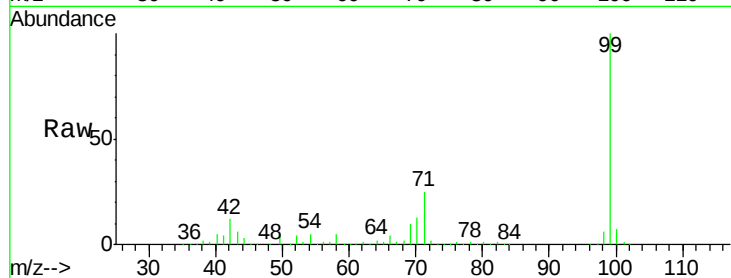
Tgt Ion: 99 Resp: 516229

Ion Ratio Lower Upper

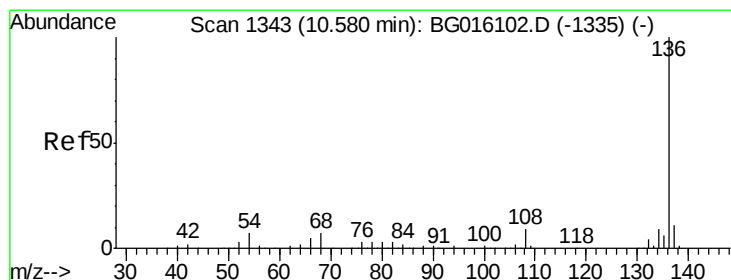
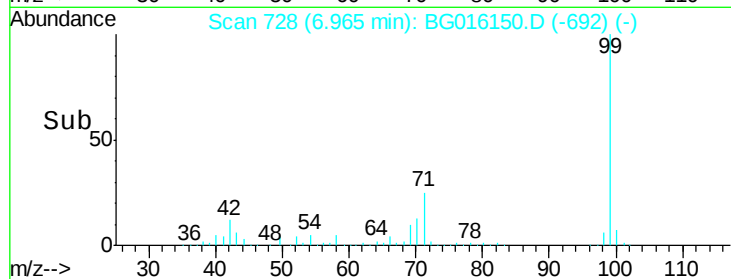
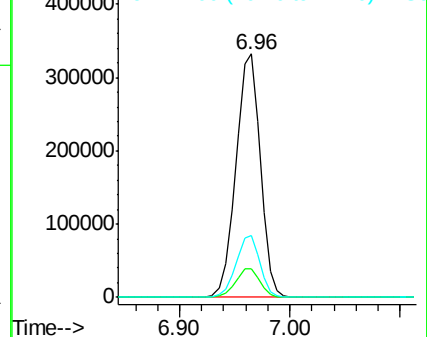
99 100

42 11.7 9.4 14.0

71 25.3 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: BG016150.D

Acq: 26 Mar 2015 20:58

Tgt Ion: 136 Resp: 205014

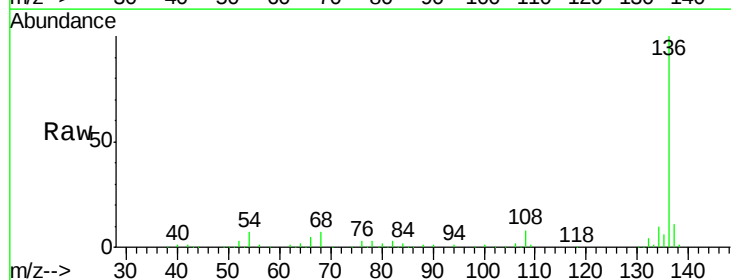
Ion Ratio Lower Upper

136 100

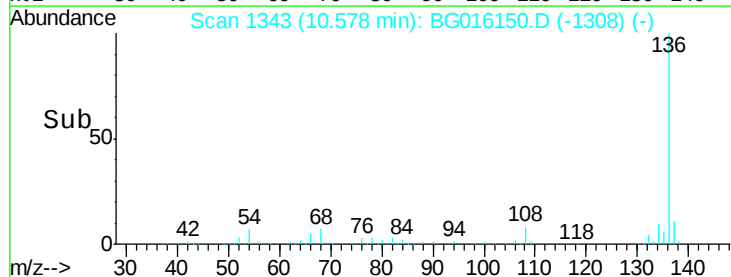
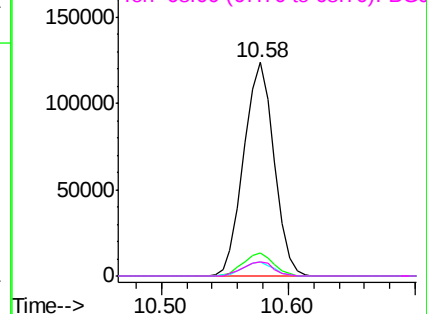
137 11.0 9.0 13.4

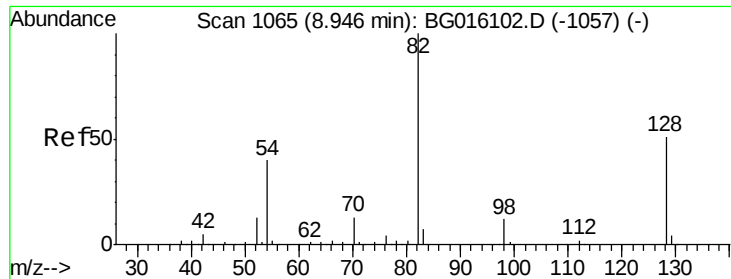
54 6.8 5.5 8.3

68 6.5 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

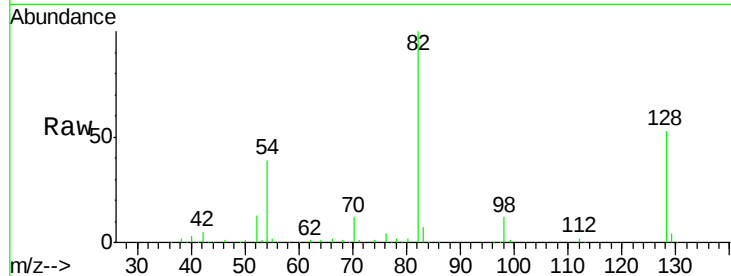




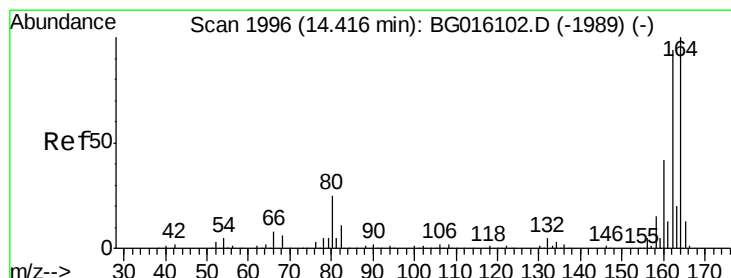
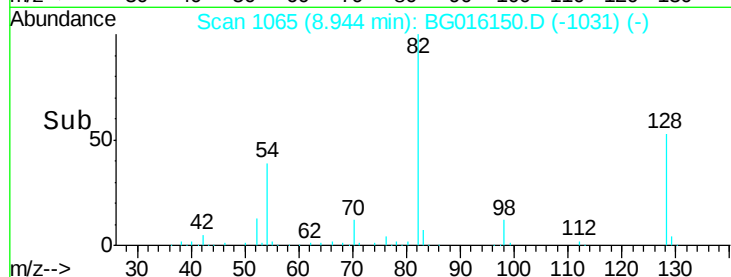
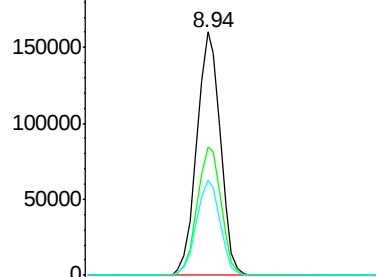
#23
Nitrobenzene-d5
Concen: 78.06 ng
RT: 8.94 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG016150.D
Acq: 26 Mar 2015 20:58

Instrument :
BNA_G
ClientSampleId :
PB82338BL

Tgt Ion: 82 Resp: 258090
Ion Ratio Lower Upper
82 100
128 52.9 40.4 60.6
54 39.0 32.1 48.1

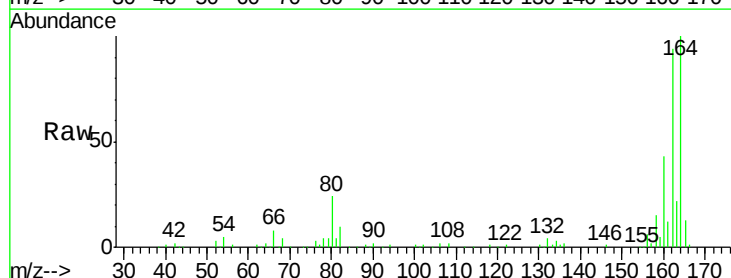


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

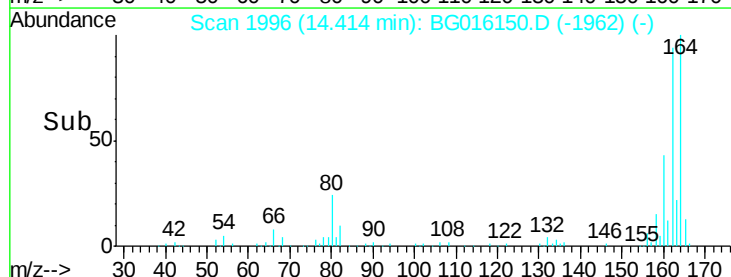
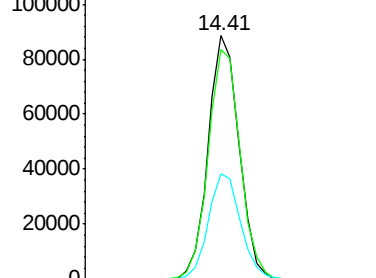


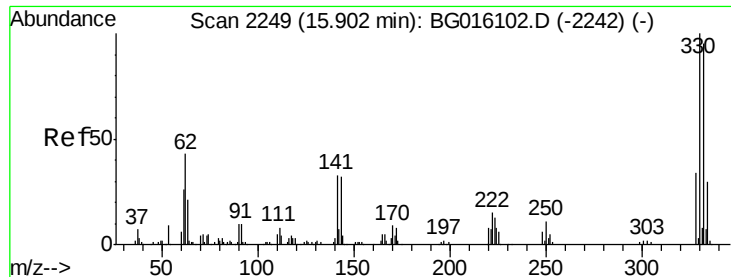
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.41 min Scan# 1996
Delta R.T. -0.00 min
Lab File: BG016150.D
Acq: 26 Mar 2015 20:58

Tgt Ion: 164 Resp: 126945
Ion Ratio Lower Upper
164 100
162 94.1 75.2 112.8
160 43.1 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

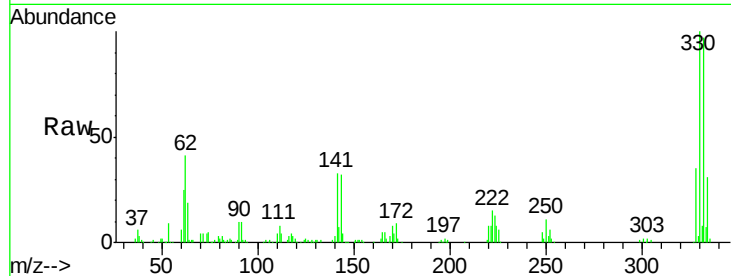




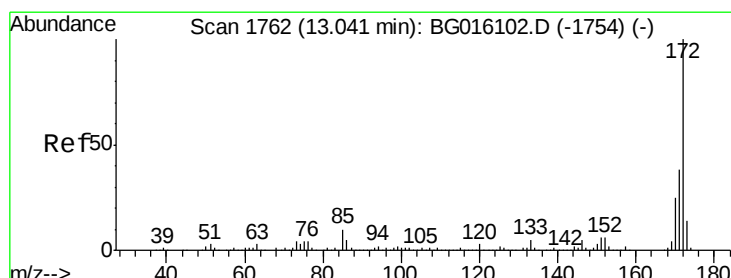
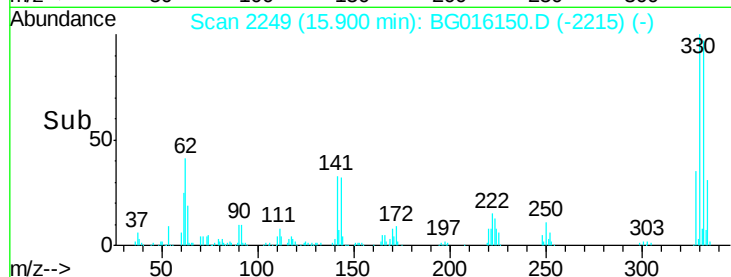
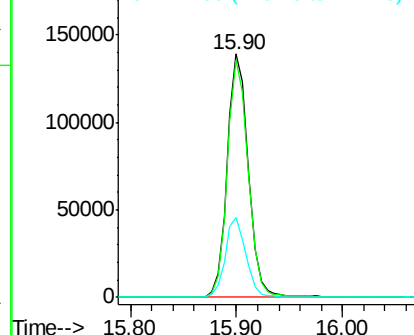
#41
 2,4,6-Tribromophenol
 Concen: 133.21 ng
 RT: 15.90 min Scan# 2249
 Delta R.T. -0.00 min
 Lab File: BG016150.D
 Acq: 26 Mar 2015 20:58

Instrument :
 BNA_G
 ClientSampleId :
 PB82338BL

Tgt Ion:330 Resp: 194174
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.2 26.2 39.4

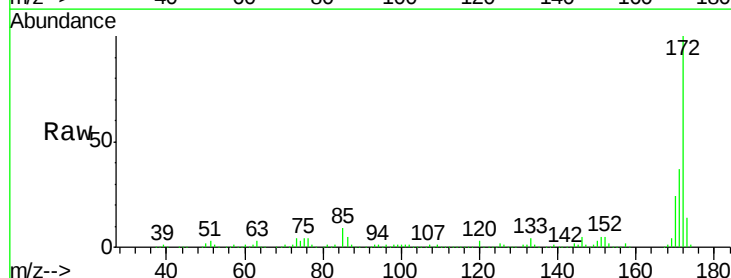


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

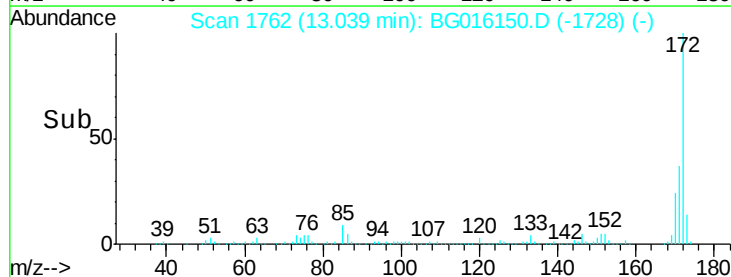
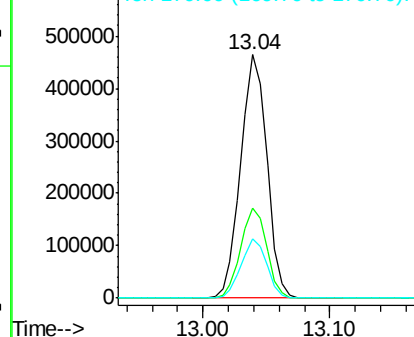


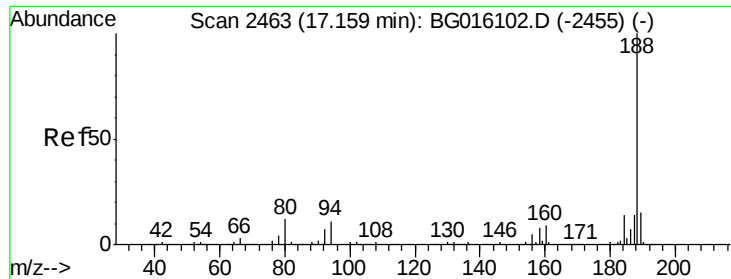
#44
 2-Fluorobiphenyl
 Concen: 87.51 ng
 RT: 13.04 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: BG016150.D
 Acq: 26 Mar 2015 20:58

Tgt Ion:172 Resp: 663695
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.3 45.5
 170 24.3 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

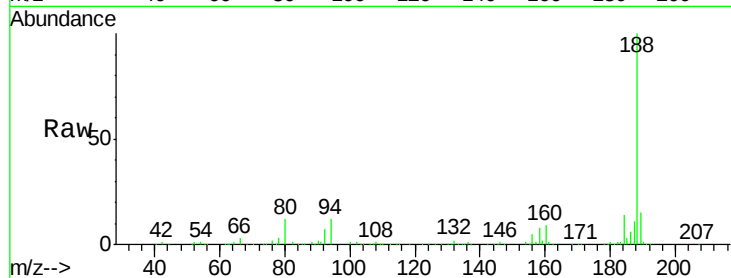




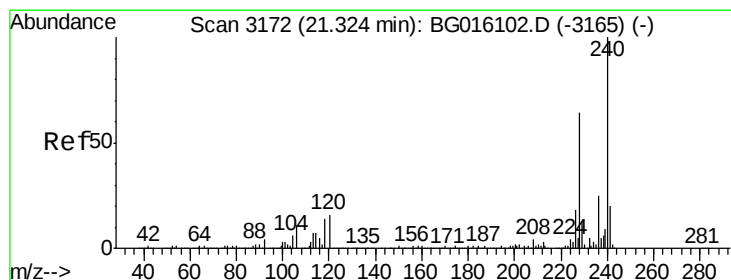
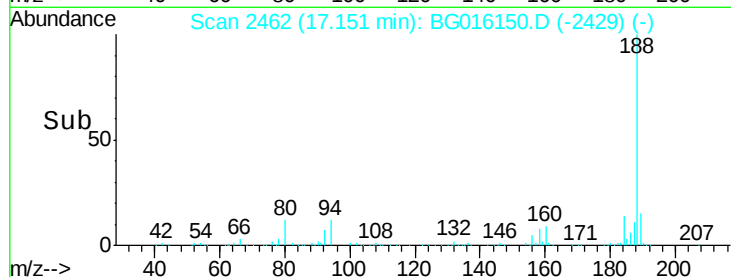
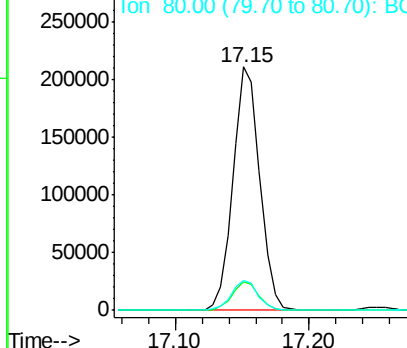
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.15 min Scan# 2462
Delta R.T. -0.01 min
Lab File: BG016150.D
Acq: 26 Mar 2015 20:58

Instrument :
BNA_G
ClientSampled :
PB82338BL

Tgt Ion:188 Resp: 294404
Ion Ratio Lower Upper
188 100
94 11.9 9.1 13.7
80 12.4 9.8 14.8

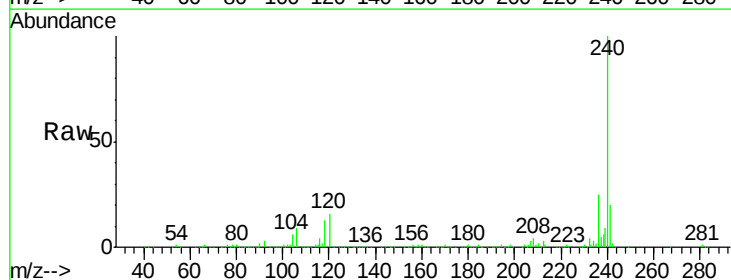


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

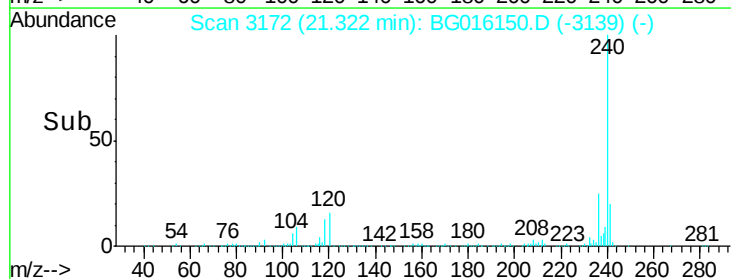
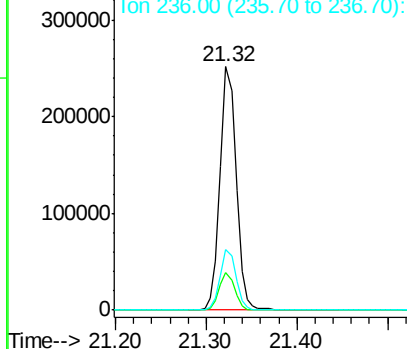


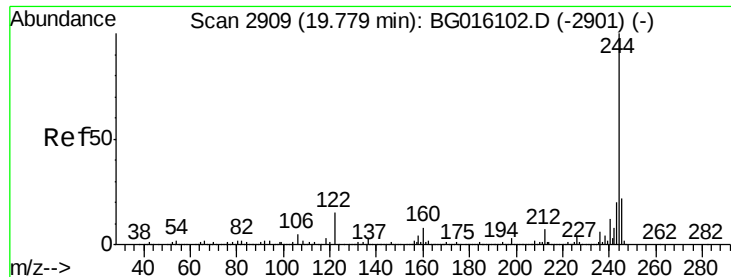
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3172
Delta R.T. -0.01 min
Lab File: BG016150.D
Acq: 26 Mar 2015 20:58

Tgt Ion:240 Resp: 310395
Ion Ratio Lower Upper
240 100
120 15.7 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: 87.27 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016150.D

Acq: 26 Mar 2015 20:58

Instrument :

BNA_G

ClientSampled :

PB82338BL

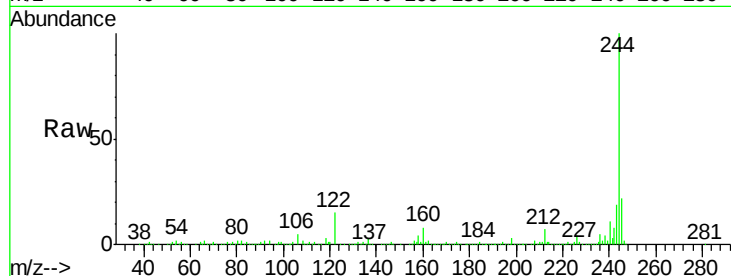
Tgt Ion:244 Resp: 1075618

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

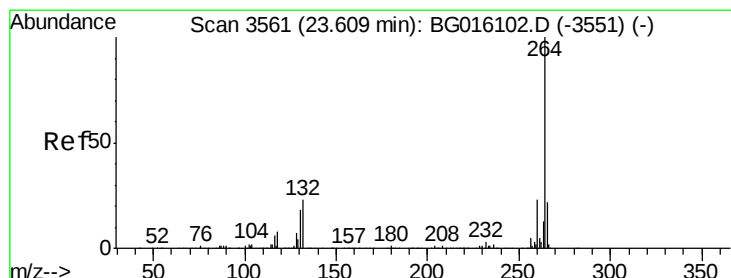
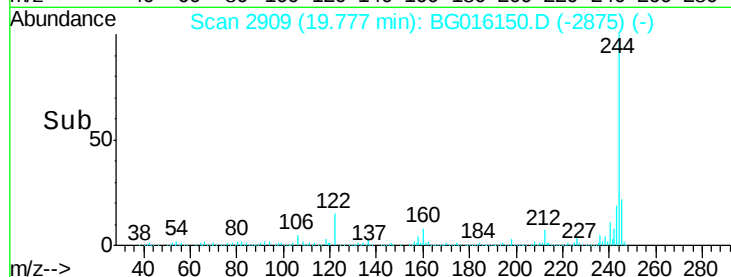
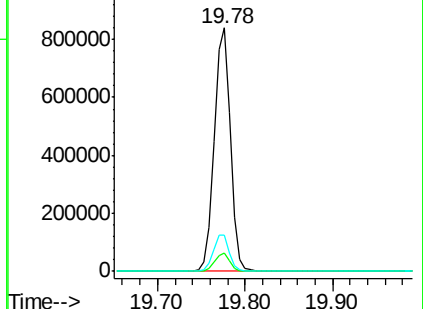
122 14.8 12.2 18.2



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. -0.01 min

Lab File: BG016150.D

Acq: 26 Mar 2015 20:58

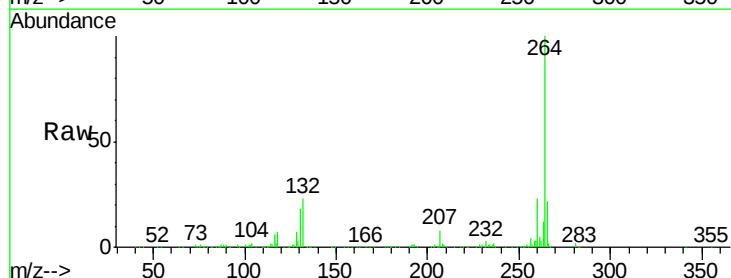
Tgt Ion:264 Resp: 297872

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 21.6 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

