

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016313.D
 Acq On : 10 Apr 2015 6:04
 Operator : TP/IZ
 Sample : G1805-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-31

Quant Time: Apr 10 07:20:48 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 04:17:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	58941	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	285086	20.00	ng	0.00
38) Acenaphthene-d10	14.33	164	176415	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	375691	20.00	ng	0.00
75) Chrysene-d12	21.25	240	316980	20.00	ng	0.00
86) Perylene-d12	23.50	264	294354	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	253228	67.80	ng	0.00
7) Phenol-d6	6.88	99	235813	42.06	ng	0.01
23) Nitrobenzene-d5	8.85	82	448372	91.11	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	195756	164.08	ng	0.00
44) 2-Fluorobiphenyl	12.96	172	996528	96.18	ng	0.00
78) Terphenyl-d14	19.70	244	1123477	82.95	ng	0.00

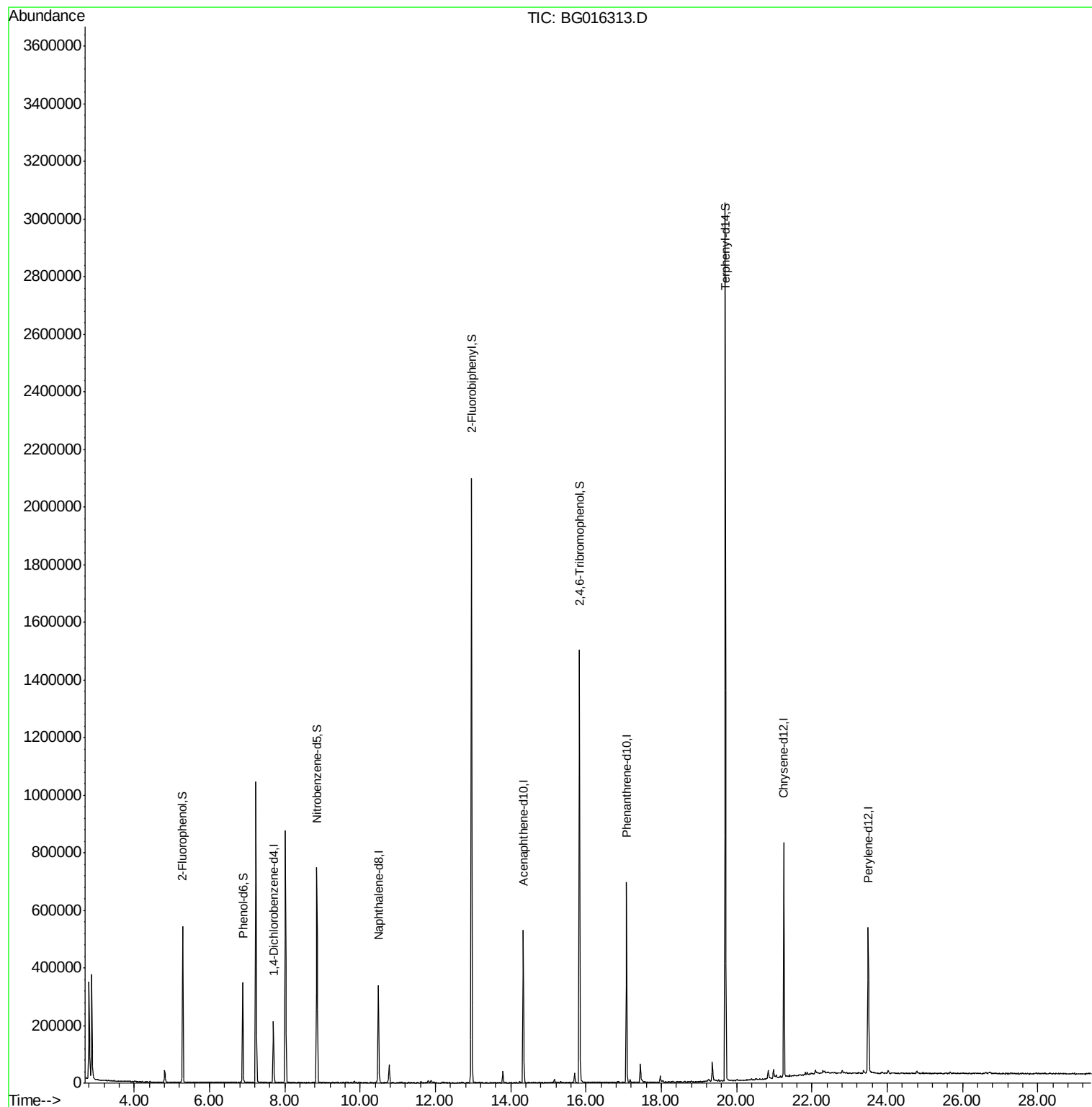
Target Compounds Qvalue

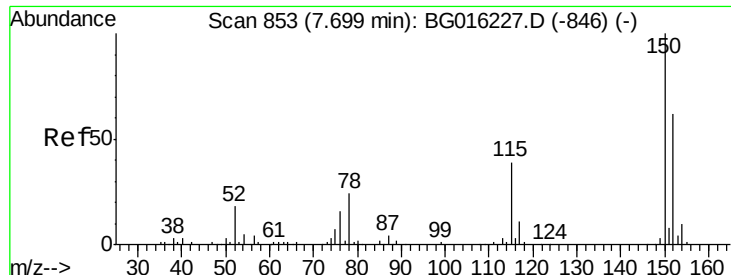
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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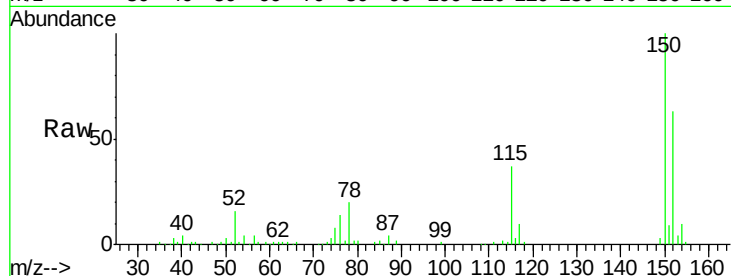


#1

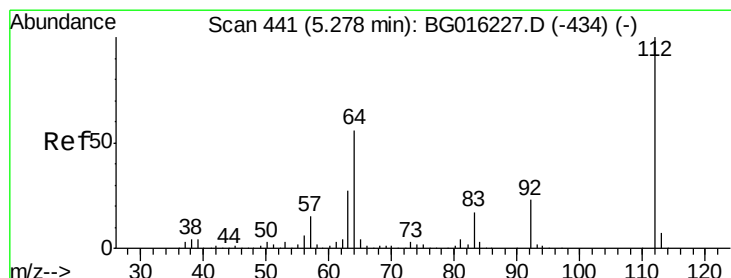
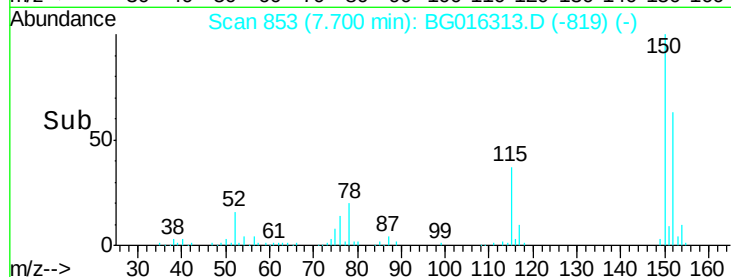
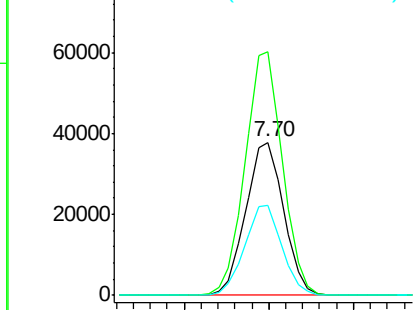
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 853
Delta R.T. 0.00 min
Lab File: BG016313.D
Acq: 10 Apr 2015 6:04

Instrument :
BNA_G
ClientSampleId :
MW-31

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	130.1	195.1
115	59.0	50.5	75.7



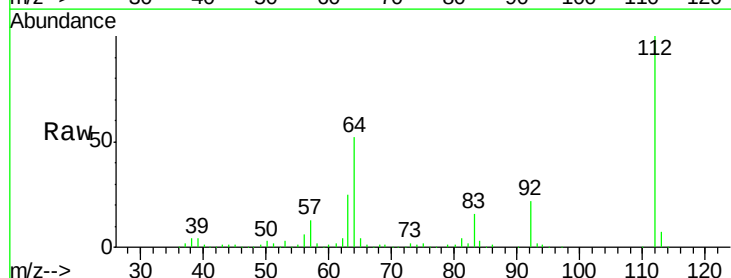
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



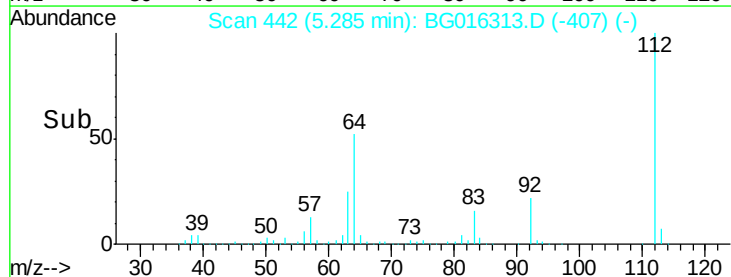
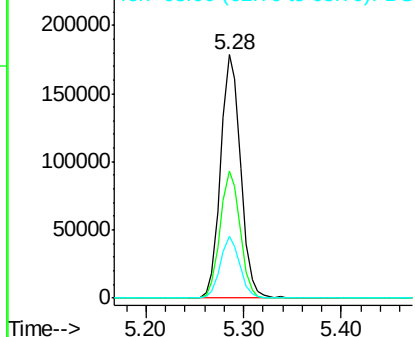
#5

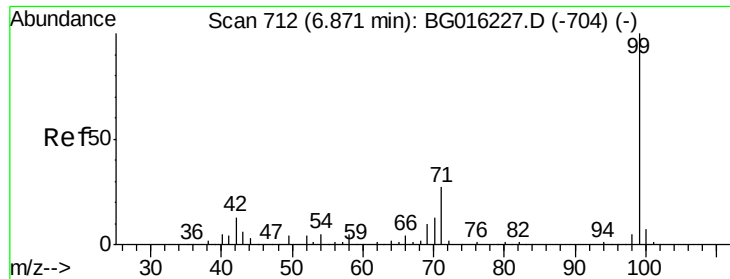
2-Fluorophenol
Concen: 67.80 ng
RT: 5.28 min Scan# 442
Delta R.T. 0.01 min
Lab File: BG016313.D
Acq: 10 Apr 2015 6:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.1	44.5	66.7
63	25.2	21.4	32.0



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: 42.06 ng

RT: 6.88 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016313.D

Acq: 10 Apr 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-31

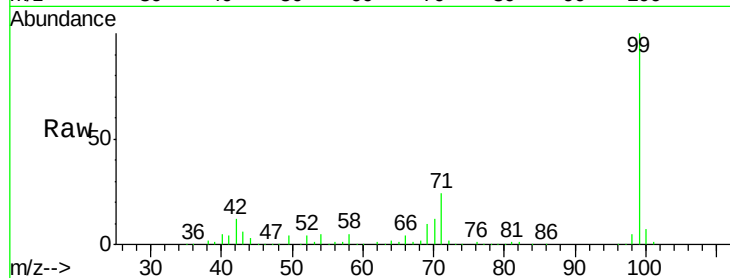
Tot Ion: 99 Resp: 235813

Ion Ratio Lower Upper

99 100

42 11.7 10.0 15.0

71 24.1 21.5 32.3



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

200000

150000

100000

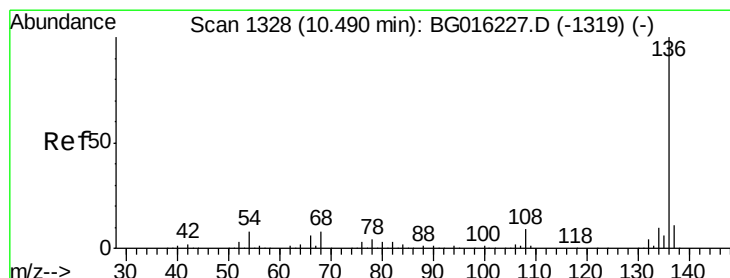
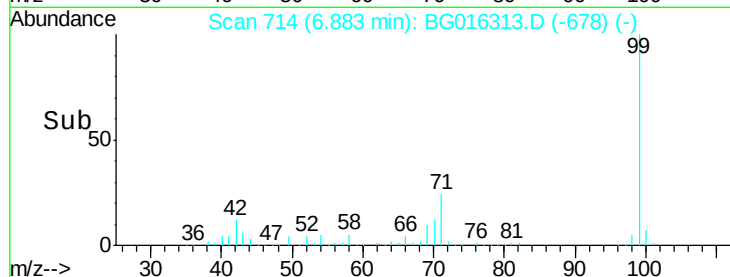
50000

0

6.88

6.80 6.90 7.00

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BG016313.D

Acq: 10 Apr 2015 6:04

Tgt Ion: 136 Resp: 285086

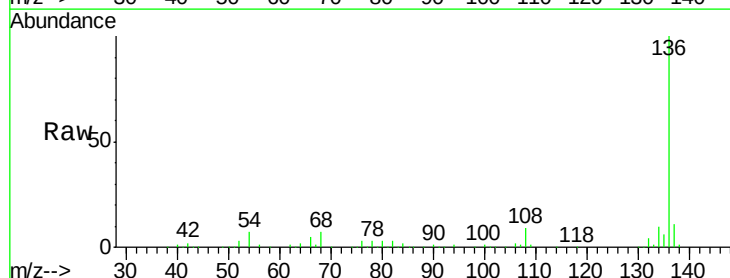
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.0 6.3 9.5

68 7.2 6.5 9.7



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

250000

200000

150000

100000

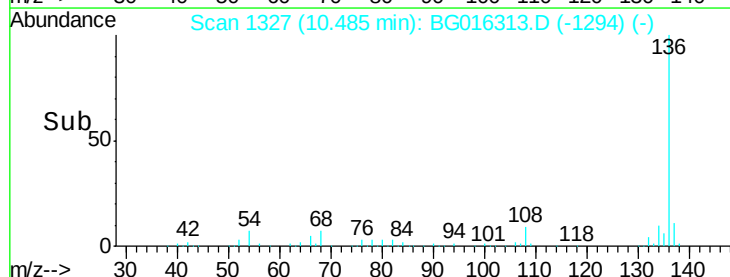
50000

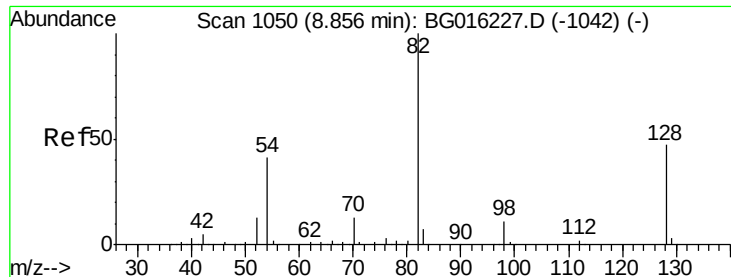
0

10.48

10.40 10.50 10.60

Time-->

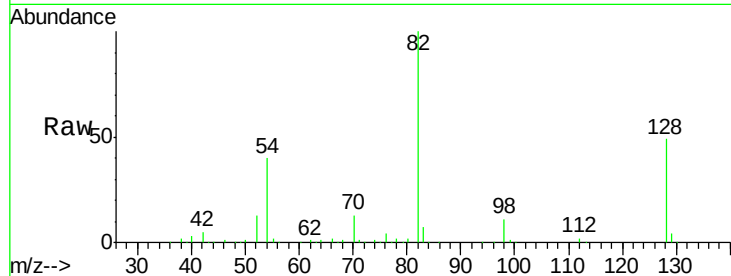




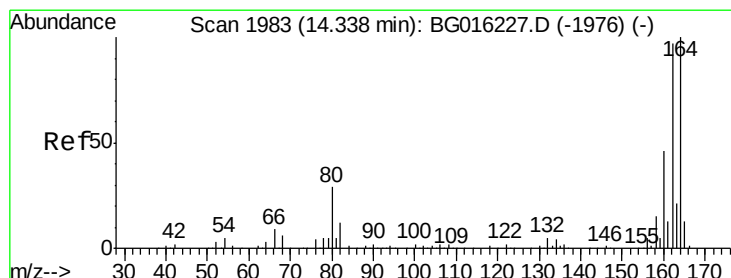
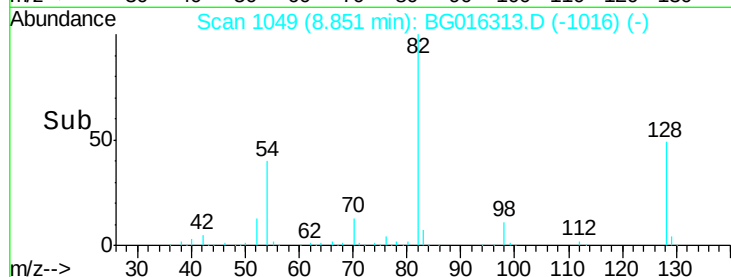
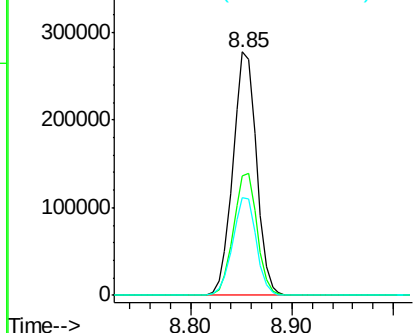
#23
 Nitrobenzene-d5
 Concen: 91.11 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016313.D
 Acq: 10 Apr 2015 6:04

Instrument :
 BNA_G
 ClientSampleID :
 MW-31

Tot Ion: 82 Resp: 448372
 Ion Ratio Lower Upper
 82 100
 128 49.2 37.8 56.8
 54 40.1 32.6 49.0

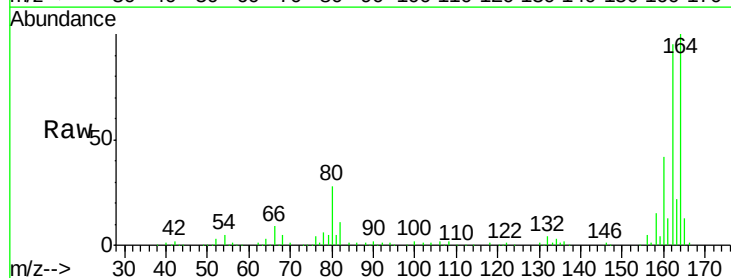


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

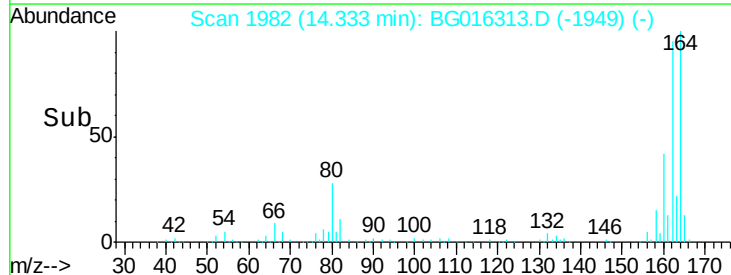
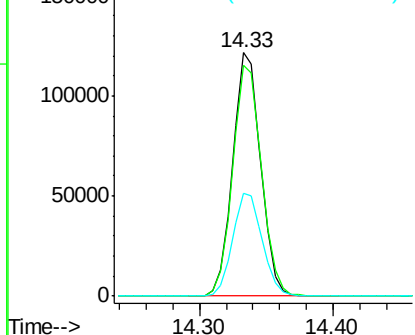


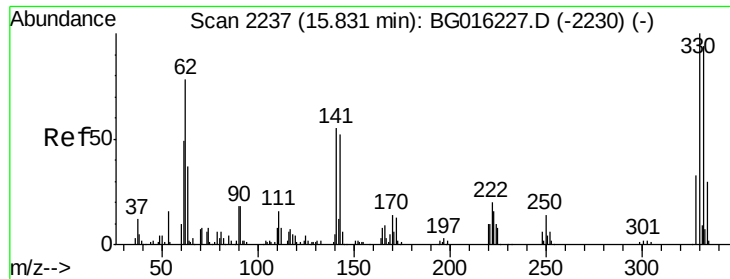
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BG016313.D
 Acq: 10 Apr 2015 6:04

Tgt Ion: 164 Resp: 176415
 Ion Ratio Lower Upper
 164 100
 162 94.8 77.3 115.9
 160 42.2 36.7 55.1



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

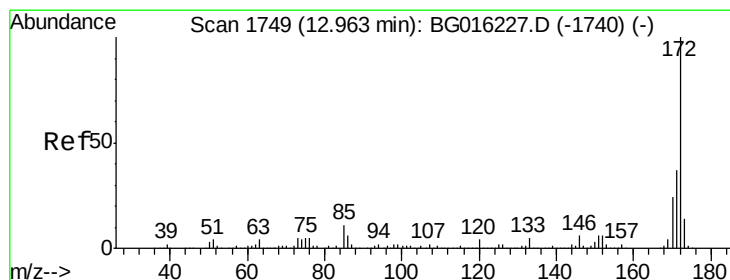
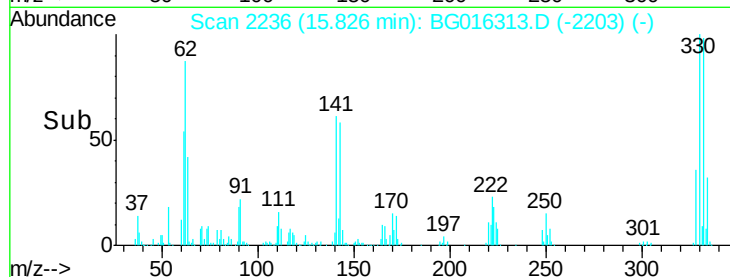
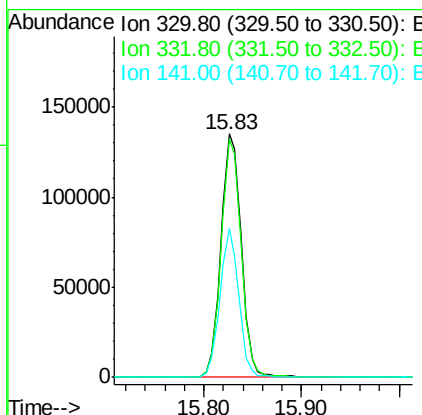
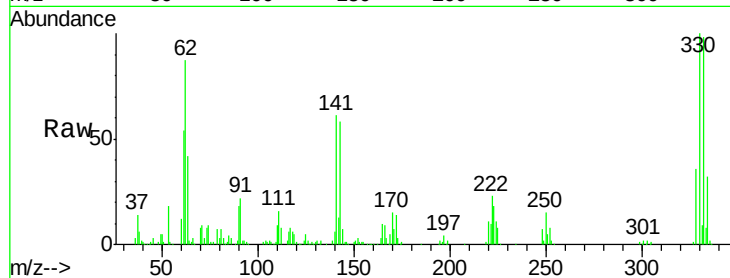




#41
 2,4,6-Tribromophenol
 Concen: 164.08 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BG016313.D
 Acq: 10 Apr 2015 6:04

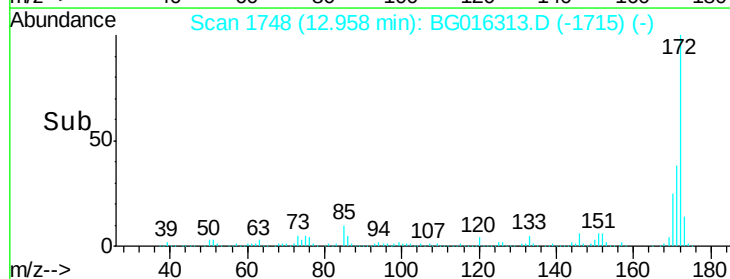
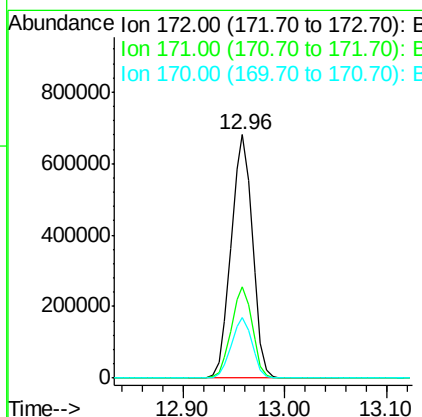
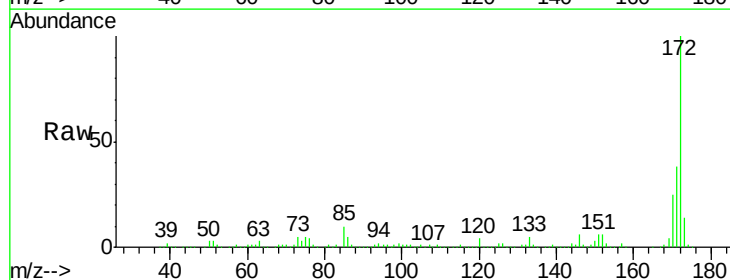
Instrument :
 BNA_G
 ClientSampleId :
 MW-31

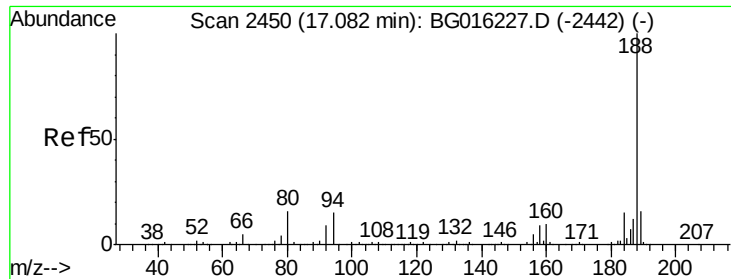
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	75.8	113.6
141	56.2	46.6	69.8



#44
 2-Fluorobiphenyl
 Concen: 96.18 ng
 RT: 12.96 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG016313.D
 Acq: 10 Apr 2015 6:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.6	44.4
170	25.0	19.4	29.2

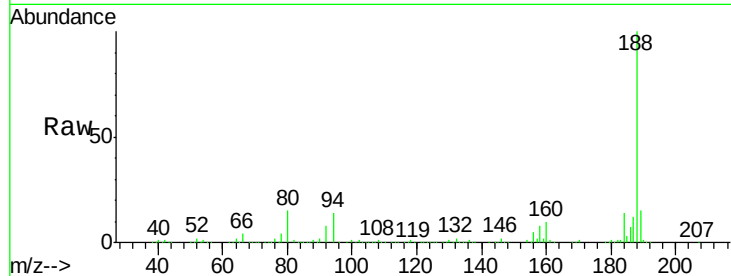




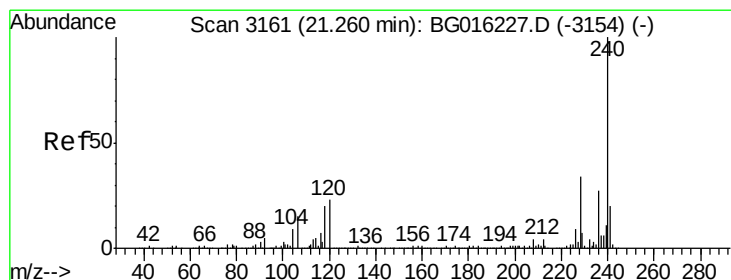
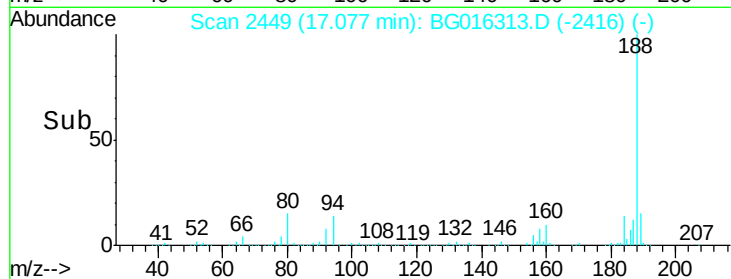
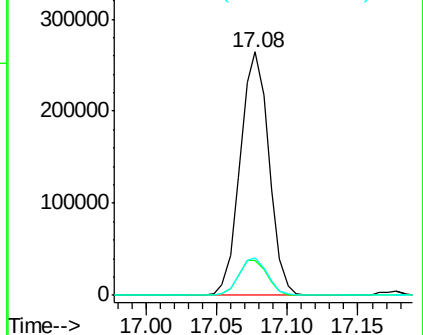
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG016313.D
Acq: 10 Apr 2015 6:04

Instrument :
BNA_G
ClientSampleId :
MW-31

Tot Ion:188 Resp: 375691
Ion Ratio Lower Upper
188 100
94 14.3 12.2 18.4
80 15.3 12.8 19.2

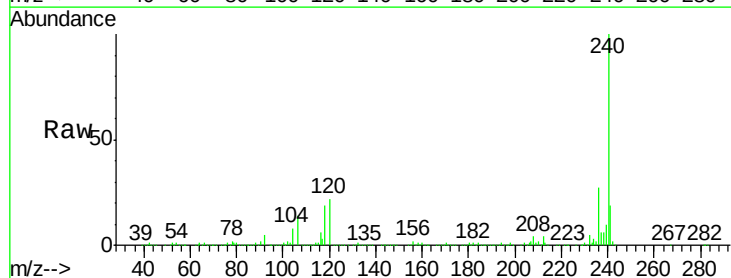


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

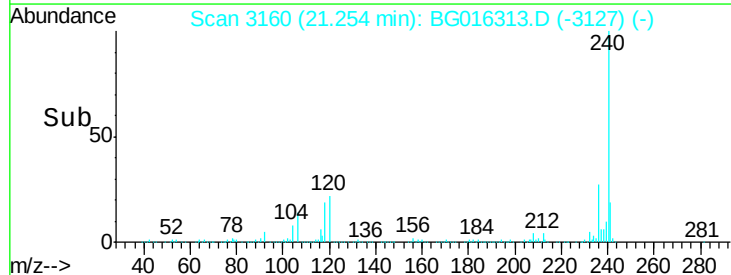
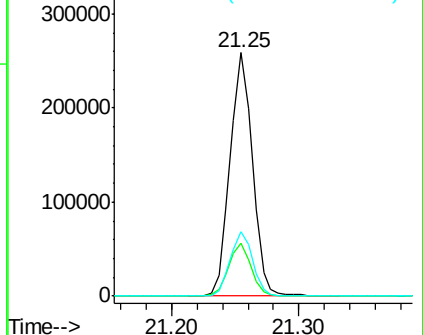


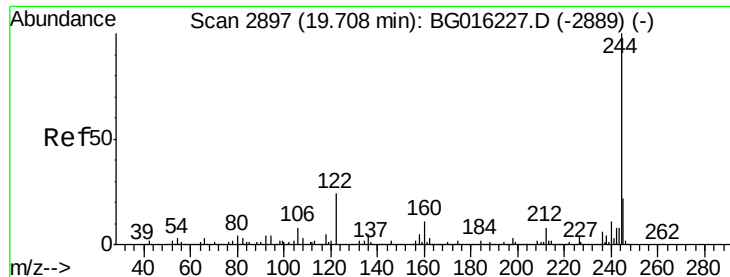
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG016313.D
Acq: 10 Apr 2015 6:04

Tgt Ion:240 Resp: 316980
Ion Ratio Lower Upper
240 100
120 21.8 18.6 28.0
236 26.6 21.7 32.5



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: 82.95 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016313.D

Acq: 10 Apr 2015 6:04

Instrument :

BNA_G

ClientSampleId :

MW-31

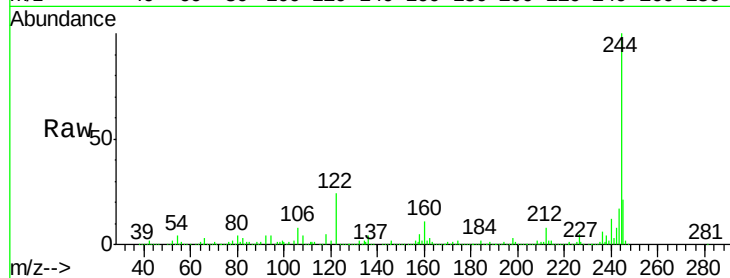
Tot Ion:244 Resp: 1123477

Ion Ratio Lower Upper

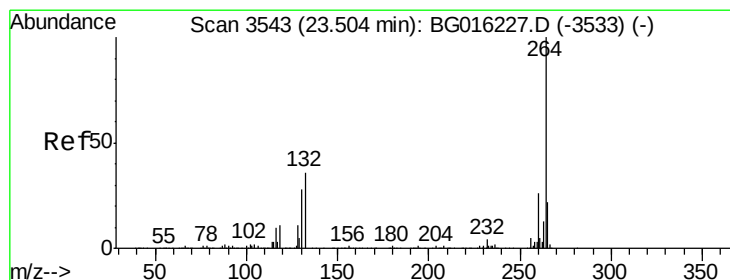
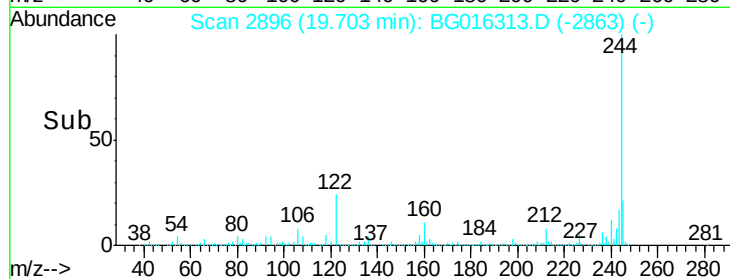
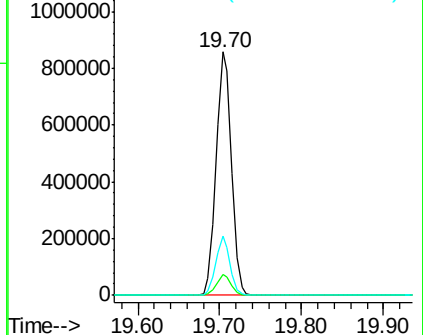
244 100

212 8.4 6.6 9.8

122 24.4 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.01 min

Lab File: BG016313.D

Acq: 10 Apr 2015 6:04

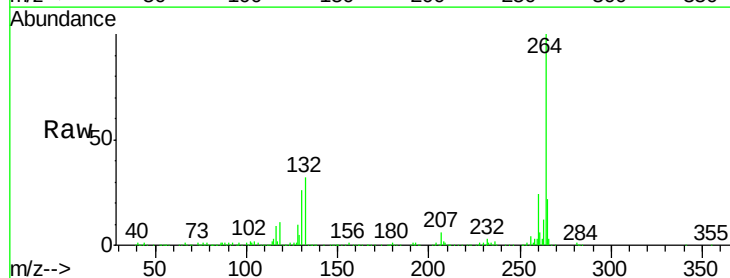
Tgt Ion:264 Resp: 294354

Ion Ratio Lower Upper

264 100

260 24.1 20.4 30.6

265 21.5 17.2 25.8



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

