

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032515\
 Data File : BG016130.D
 Acq On : 26 Mar 2015 8:23
 Operator : TP/IZ
 Sample : G1611-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-34

Quant Time: Mar 26 16:33:23 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	58566	20.00	ng	0.00
21) Naphthalene-d8	10.58	136	263239	20.00	ng	0.00
38) Acenaphthene-d10	14.42	164	167054	20.00	ng	0.00
63) Phenanthrene-d10	17.16	188	364426	20.00	ng	0.00
75) Chrysene-d12	21.33	240	381363	20.00	ng	0.00
86) Perylene-d12	23.61	264	363998	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	133884	38.26	ng	0.00
7) Phenol-d6	6.96	99	123357	25.33	ng	0.00
23) Nitrobenzene-d5	8.94	82	251351	59.20	ng	0.00
41) 2,4,6-Tribromophenol	15.90	330	244245	127.33	ng	0.00
44) 2-Fluorobiphenyl	13.04	172	711972	71.34	ng	0.00
78) Terphenyl-d14	19.78	244	1209745	79.89	ng	0.00

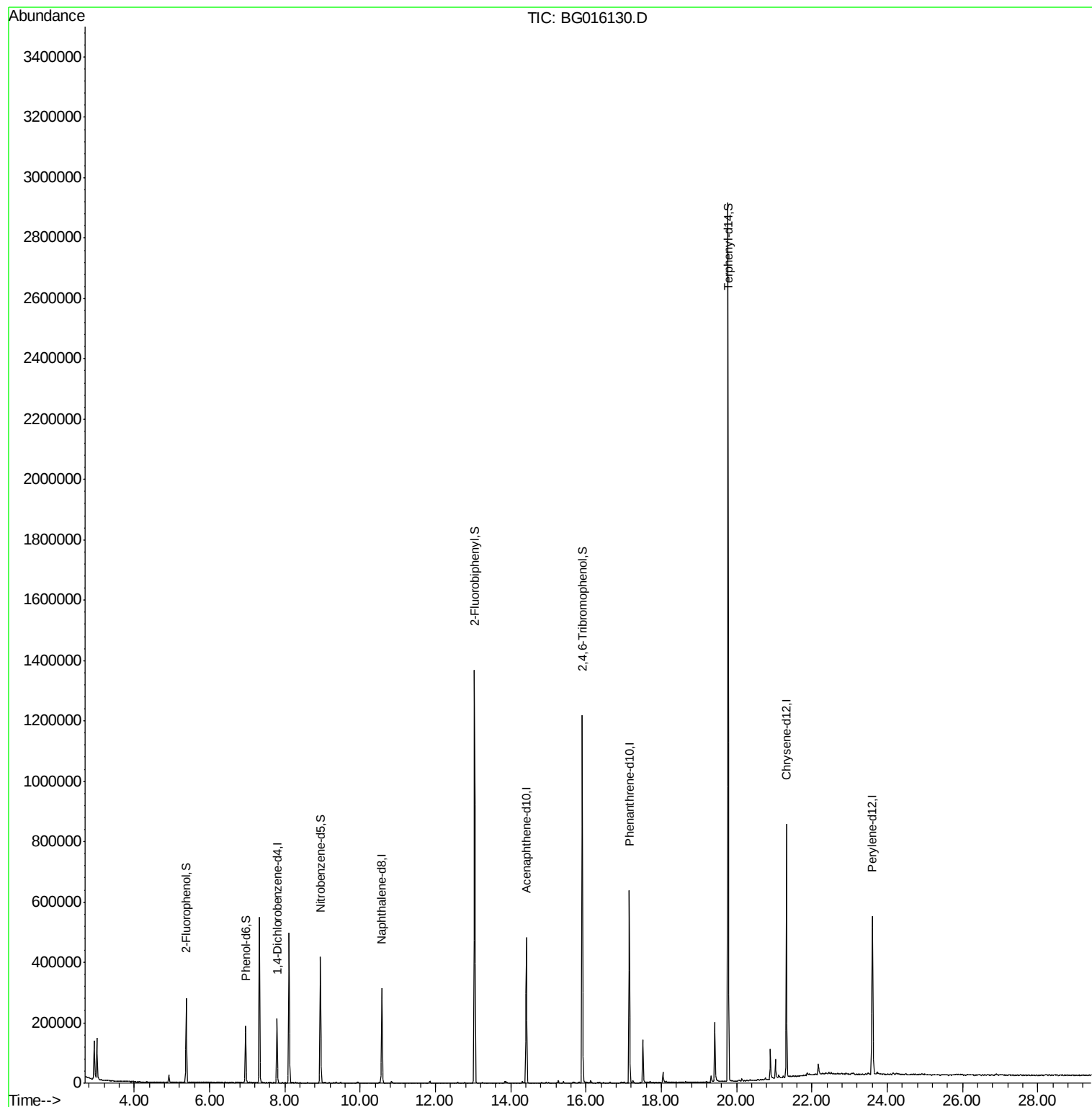
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG016130.D

Acq: 26 Mar 2015 8:23

Instrument :

BNA_G

ClientSampleId :

MW-34

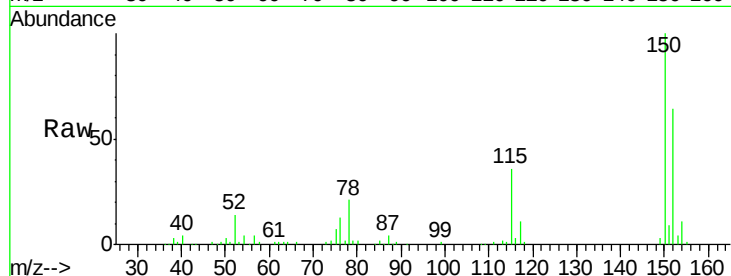
Tgt Ion:152 Resp: 58566

Ion Ratio Lower Upper

152 100

150 157.3 126.1 189.1

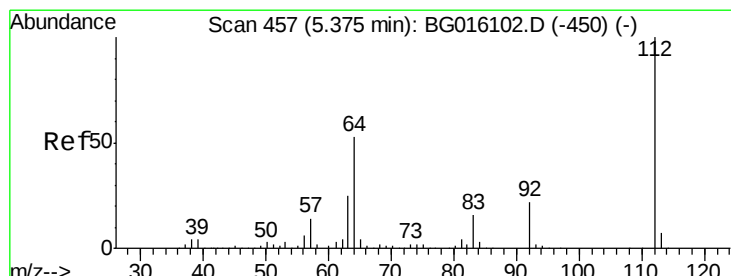
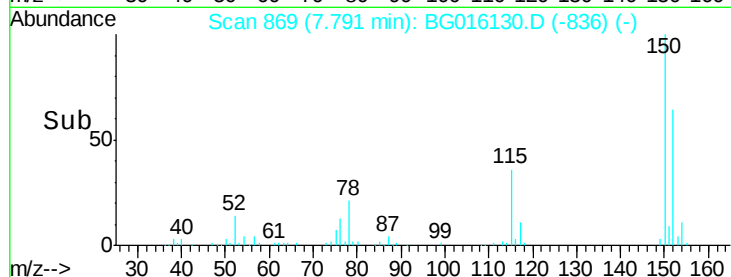
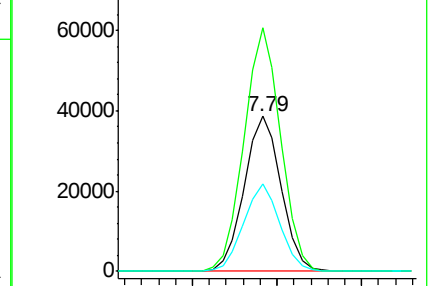
115 56.6 43.7 65.5



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: 38.26 ng

RT: 5.38 min Scan# 458

Delta R.T. 0.00 min

Lab File: BG016130.D

Acq: 26 Mar 2015 8:23

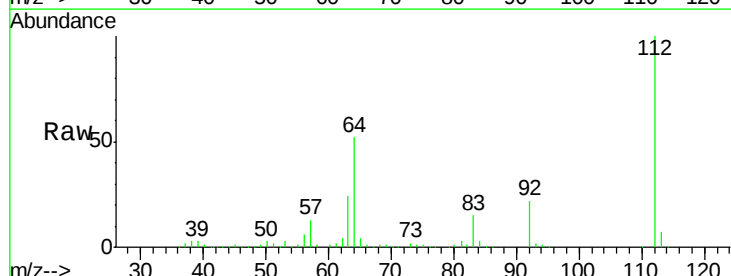
Tgt Ion:112 Resp: 133884

Ion Ratio Lower Upper

112 100

64 51.5 42.6 64.0

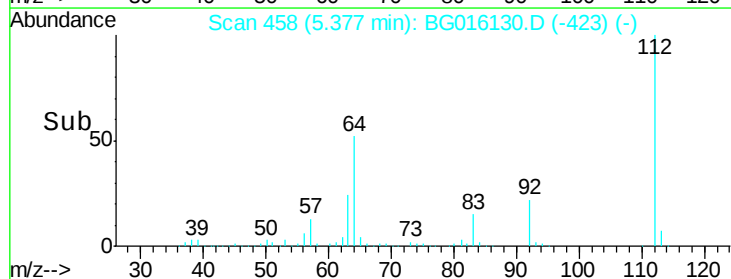
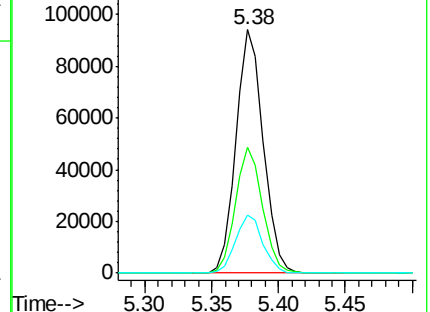
63 24.0 19.9 29.9



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: 25.33 ng

RT: 6.96 min Scan# 727

Delta R.T. -0.00 min

Lab File: BG016130.D

Acq: 26 Mar 2015 8:23

Instrument :

BNA_G

ClientSampleId :

MW-34

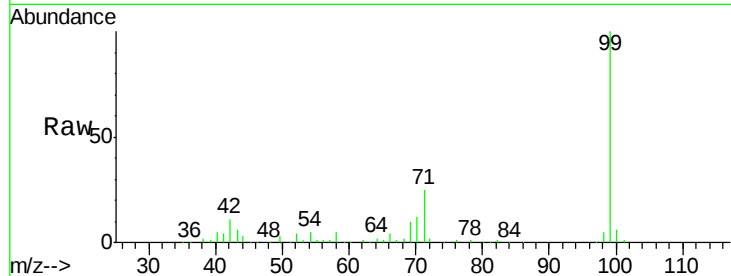
Tgt Ion: 99 Resp: 123357

Ion Ratio Lower Upper

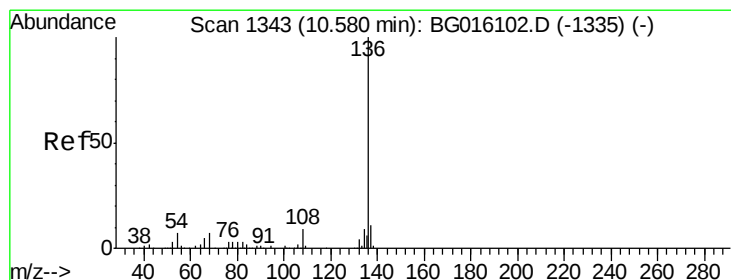
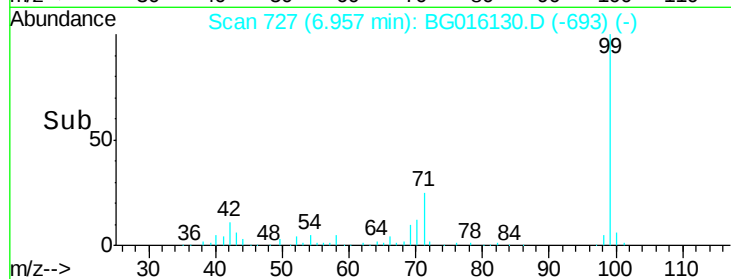
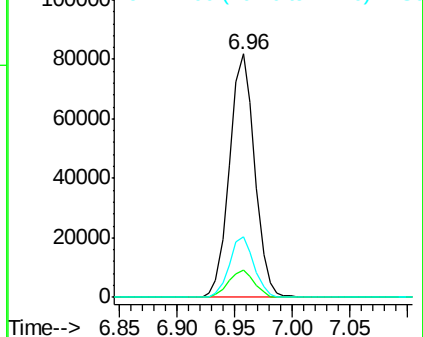
99 100

42 11.3 9.4 14.0

71 25.1 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: BG016130.D

Acq: 26 Mar 2015 8:23

Tgt Ion: 136 Resp: 263239

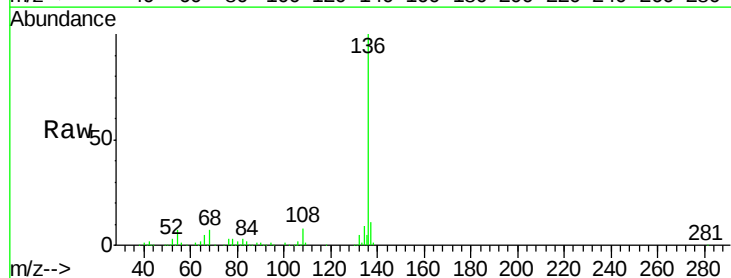
Ion Ratio Lower Upper

136 100

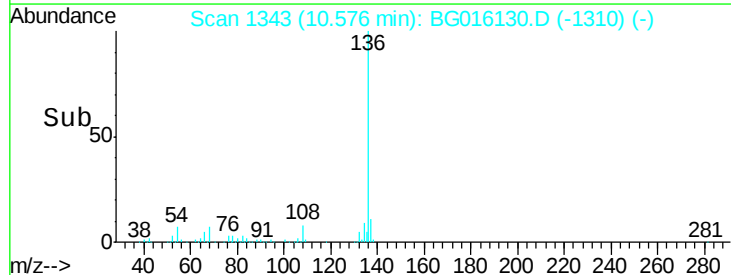
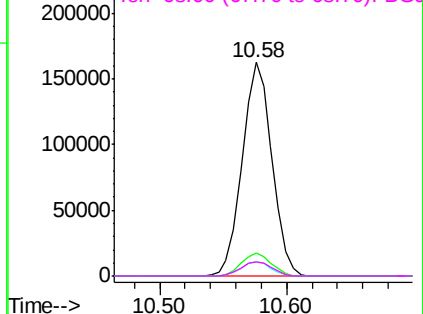
137 10.8 9.0 13.4

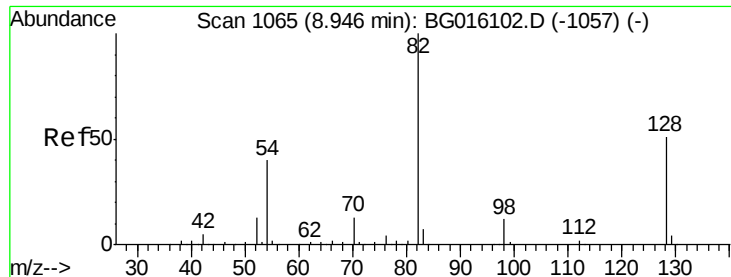
54 6.5 5.5 8.3

68 6.8 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

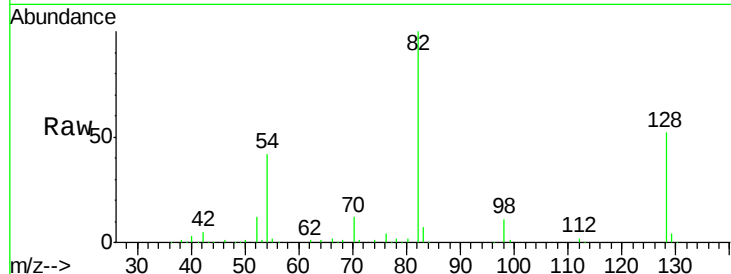




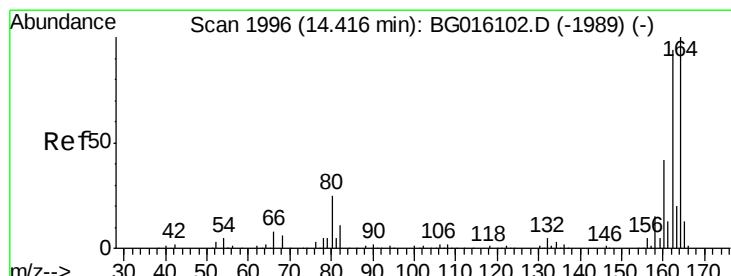
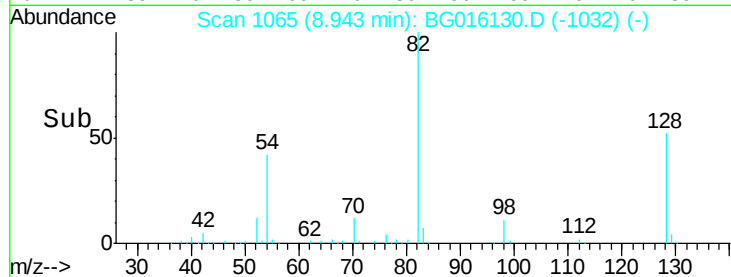
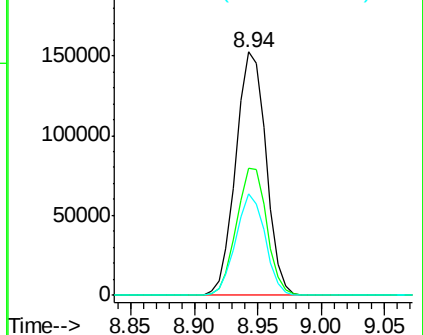
#23
 Nitrobenzene-d5
 Concen: 59.20 ng
 RT: 8.94 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG016130.D
 Acq: 26 Mar 2015 8:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-34

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.0	40.4	60.6
54	41.6	32.1	48.1

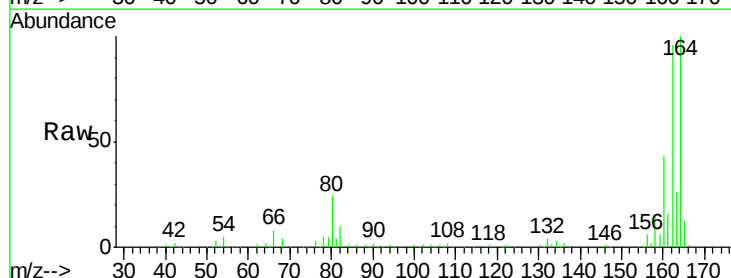


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

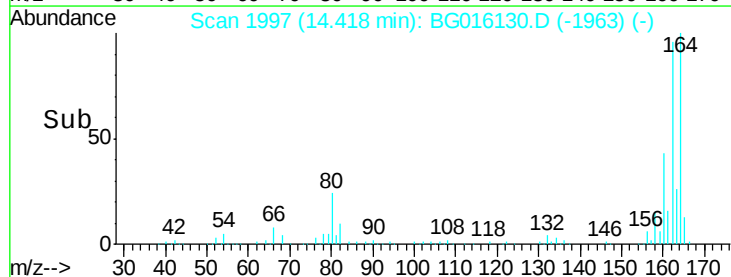
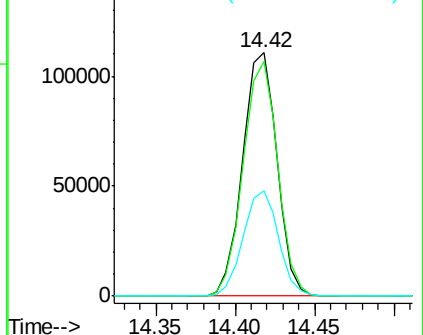


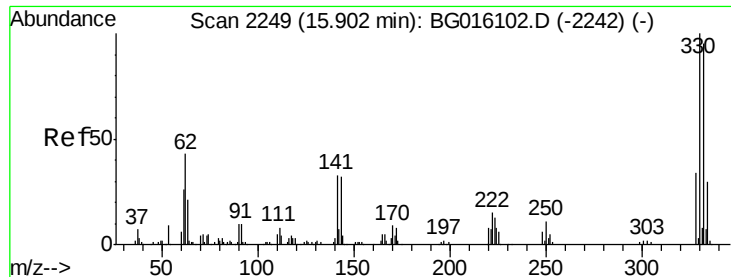
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.42 min Scan# 1997
 Delta R.T. 0.00 min
 Lab File: BG016130.D
 Acq: 26 Mar 2015 8:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.2	75.2	112.8
160	43.4	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

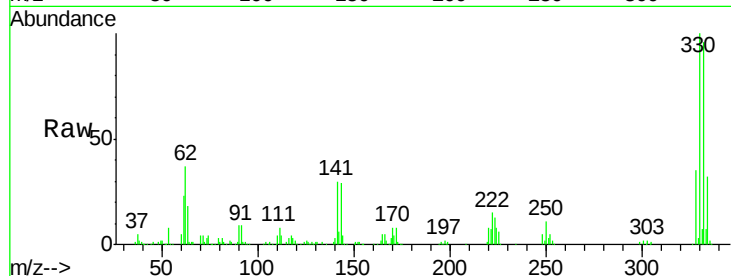




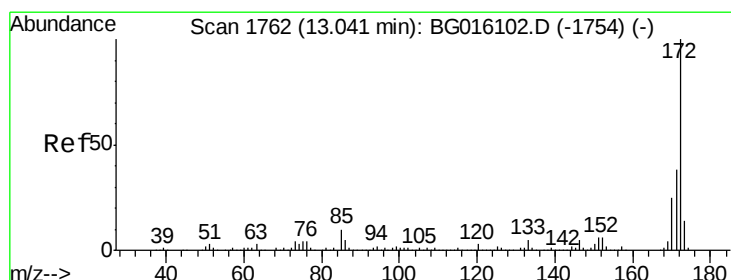
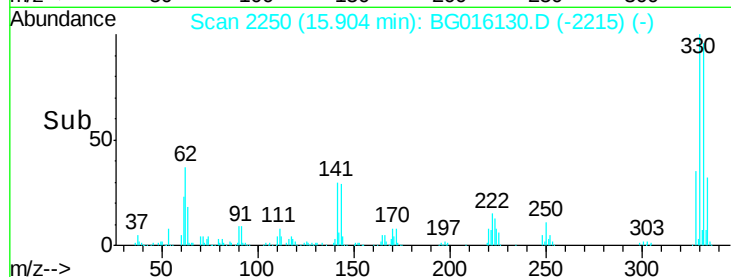
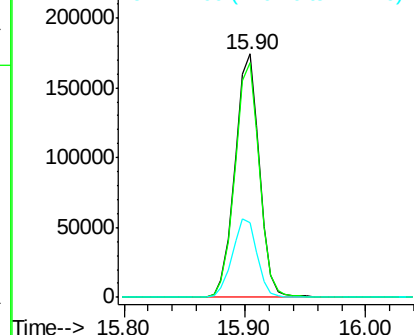
#41
 2,4,6-Tribromophenol
 Concen: 127.33 ng
 RT: 15.90 min Scan# 2250
 Delta R.T. 0.00 min
 Lab File: BG016130.D
 Acq: 26 Mar 2015 8:23

Instrument :
 BNA_G
 ClientSampleId :
 MW-34

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	32.8	26.2	39.4

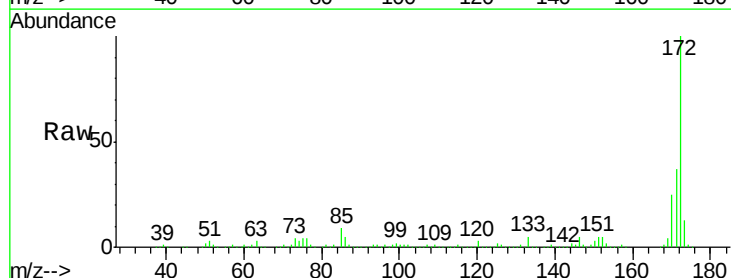


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

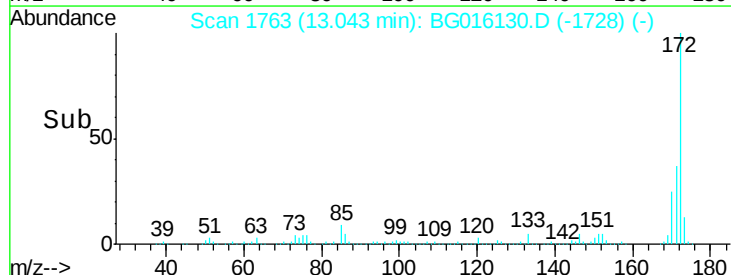
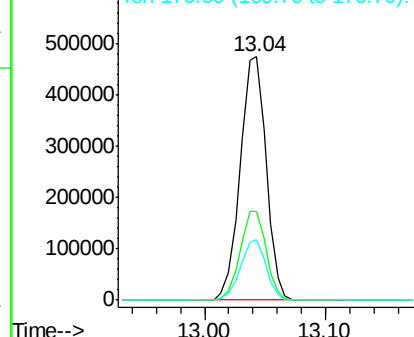


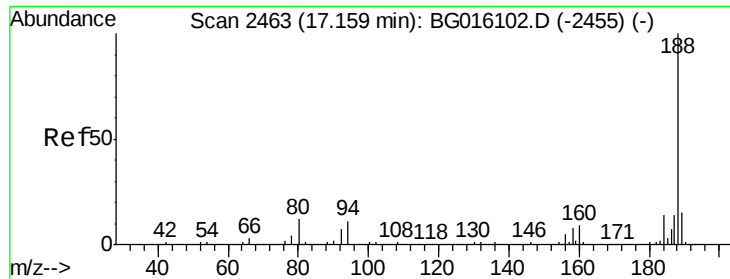
#44
 2-Fluorobiphenyl
 Concen: 71.34 ng
 RT: 13.04 min Scan# 1763
 Delta R.T. 0.00 min
 Lab File: BG016130.D
 Acq: 26 Mar 2015 8:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.3	45.5
170	24.9	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

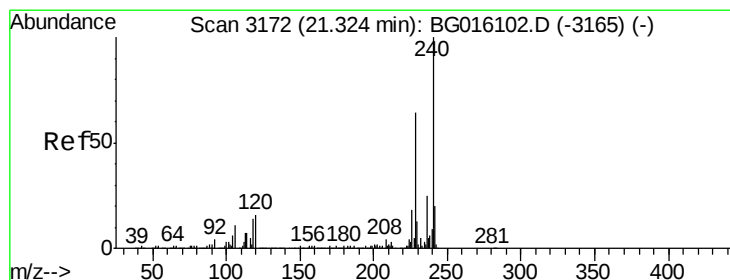
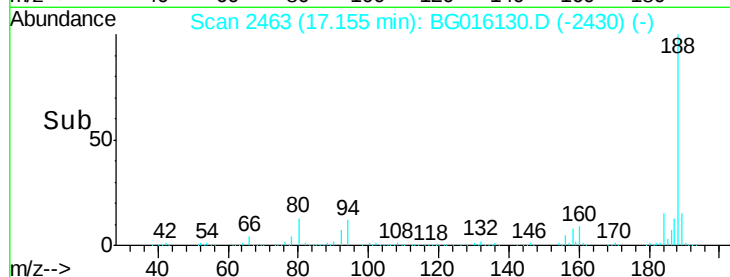
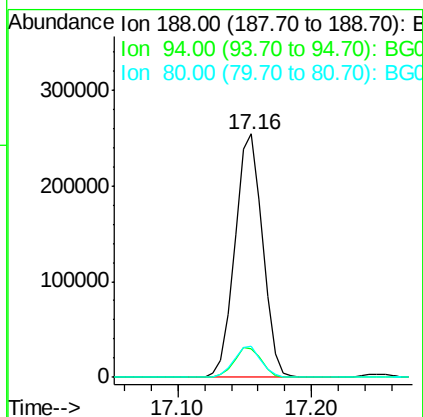
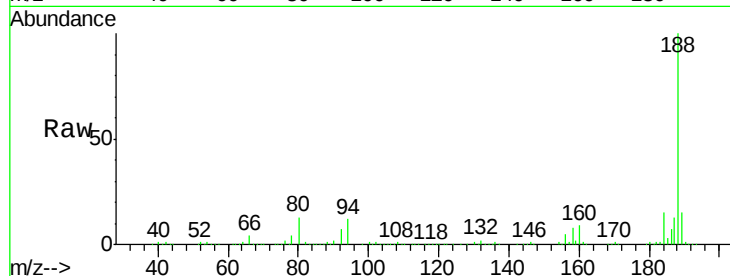




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.16 min Scan# 2463
Delta R.T. -0.00 min
Lab File: BG016130.D
Acq: 26 Mar 2015 8:23

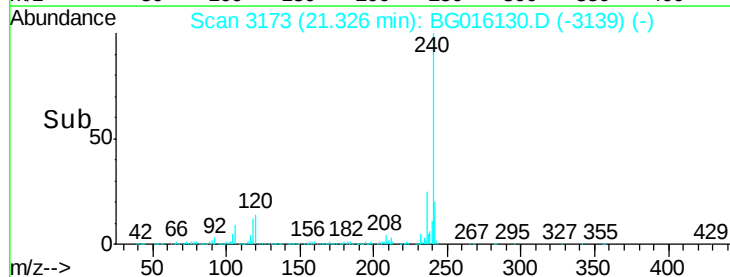
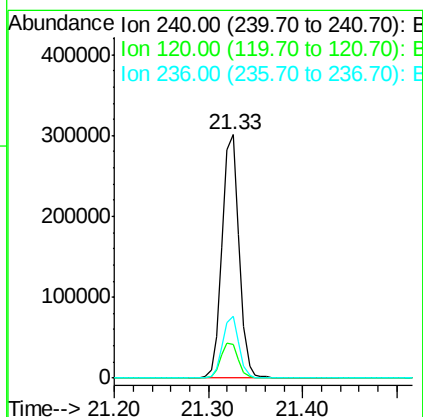
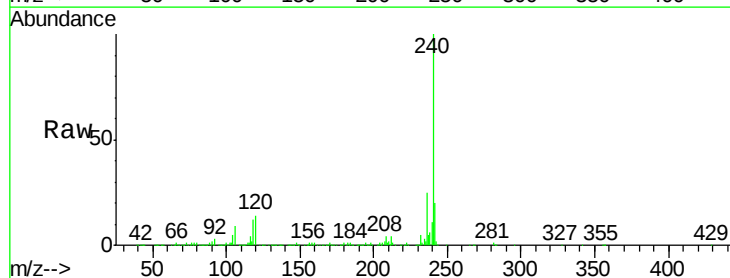
Instrument :
BNA_G
ClientSampleId :
MW-34

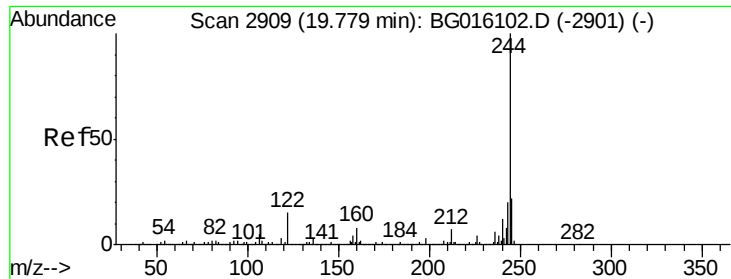
Tgt Ion:188 Resp: 364426
Ion Ratio Lower Upper
188 100
94 11.7 9.1 13.7
80 12.8 9.8 14.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.33 min Scan# 3173
Delta R.T. 0.00 min
Lab File: BG016130.D
Acq: 26 Mar 2015 8:23

Tgt Ion:240 Resp: 381363
Ion Ratio Lower Upper
240 100
120 14.1 13.0 19.4
236 25.2 20.2 30.2





#78

Terphenyl-d14

Concen: 79.89 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.00 min

Lab File: BG016130.D

Acq: 26 Mar 2015 8:23

Instrument :

BNA_G

ClientSampleId :

MW-34

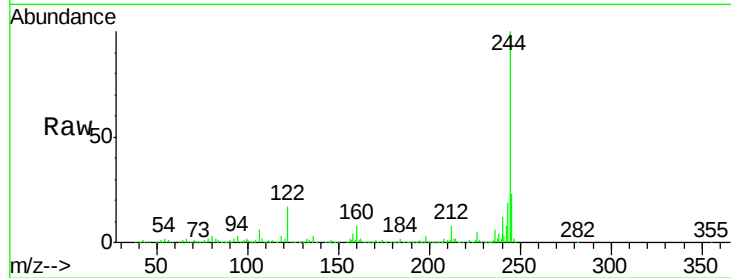
Tgt Ion:244 Resp: 1209745

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

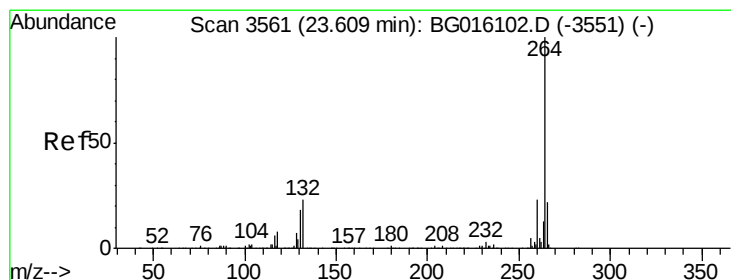
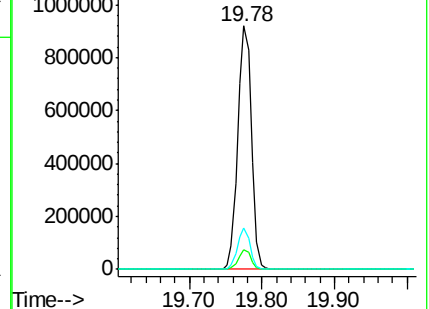
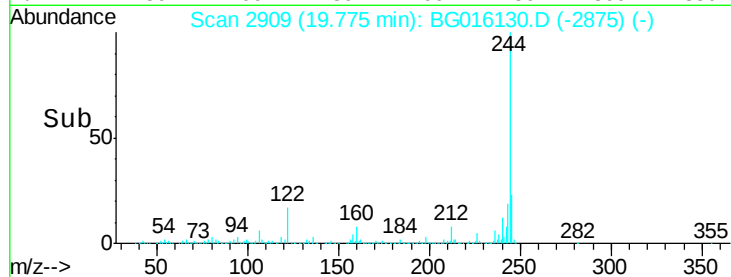
122 16.8 12.2 18.2



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: BG016130.D

Acq: 26 Mar 2015 8:23

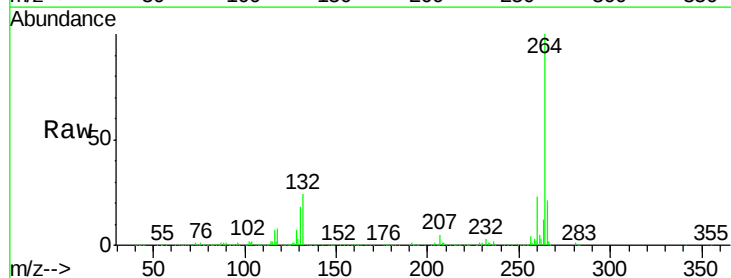
Tgt Ion:264 Resp: 363998

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.5 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

