

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016335.D
 Acq On : 11 Apr 2015 00:43
 Operator : TP/IZ
 Sample : G1846-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-111-4915

Quant Time: Apr 13 03:30:26 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	7.69	152	73045	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	323855	20.00	ng	-0.01
38) Acenaphthene-d10	14.33	164	199125	20.00	ng	-0.01
63) Phenanthrene-d10	17.07	188	419876	20.00	ng	-0.01
75) Chrysene-d12	21.25	240	367138	20.00	ng	-0.01
86) Perylene-d12	23.49	264	336708	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.28	112	258935	55.95	ng	0.00
7) Phenol-d6	6.88	99	218472	31.44	ng	0.00
23) Nitrobenzene-d5	8.85	82	492597	88.11	ng	0.00
41) 2,4,6-Tribromophenol	15.82	330	201944	149.96	ng	-0.01
44) 2-Fluorobiphenyl	12.95	172	1059845	90.62	ng	-0.01
78) Terphenyl-d14	19.70	244	1246066	79.43	ng	0.00

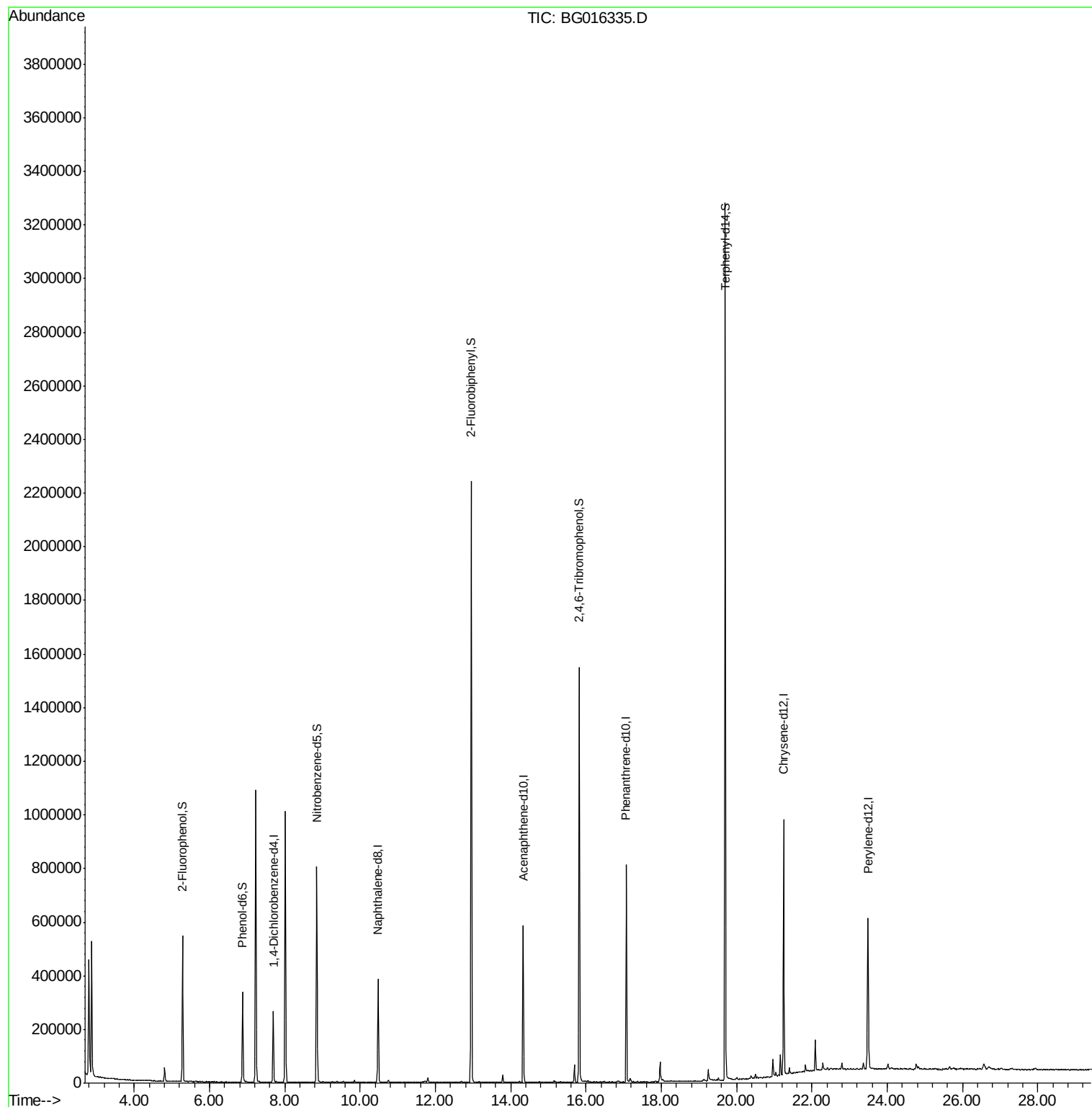
Target Compounds	Qvalue
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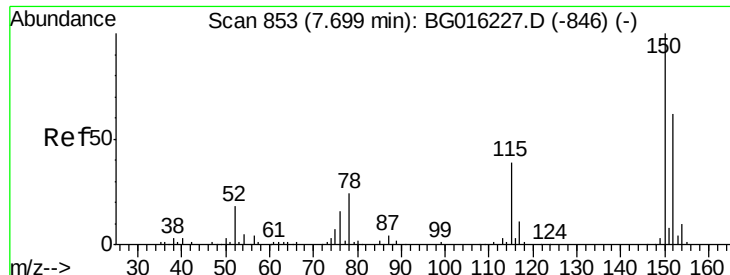
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 07 04:17:17 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.69 min Scan# 852

Delta R.T. -0.01 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DCW-WW-111-4915

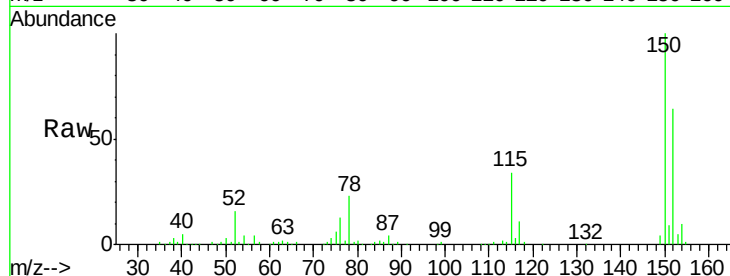
Tgt Ion:152 Resp: 73045

Ion Ratio Lower Upper

152 100

150 156.3 130.1 195.1

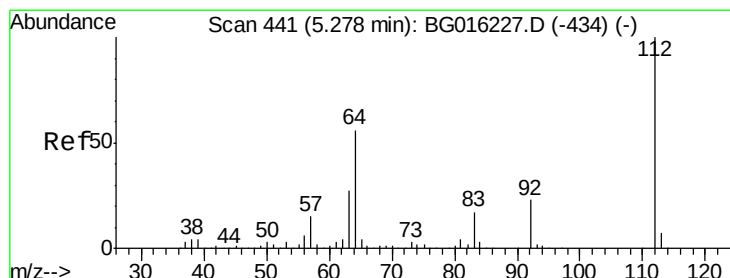
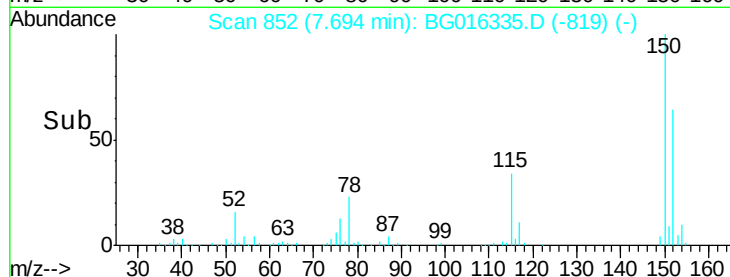
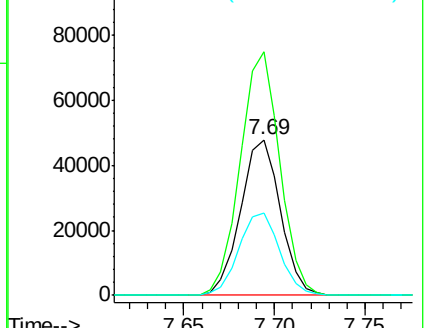
115 52.6 50.5 75.7



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: 55.95 ng

RT: 5.28 min Scan# 441

Delta R.T. 0.00 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

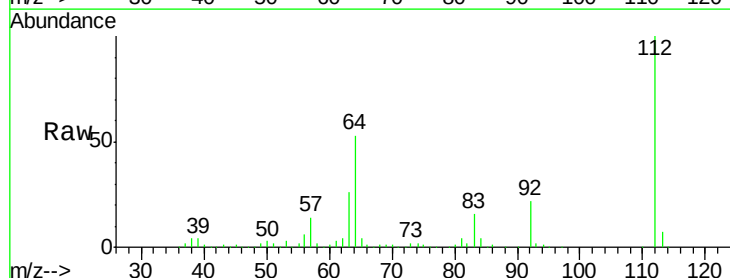
Tgt Ion:112 Resp: 258935

Ion Ratio Lower Upper

112 100

64 52.9 44.5 66.7

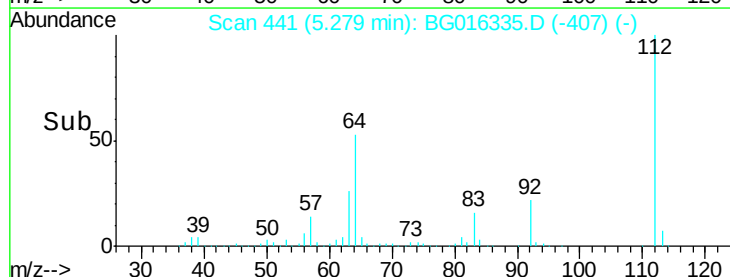
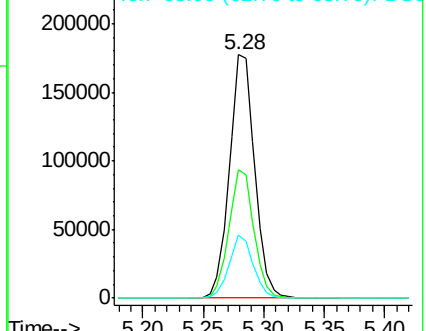
63 26.1 21.4 32.0

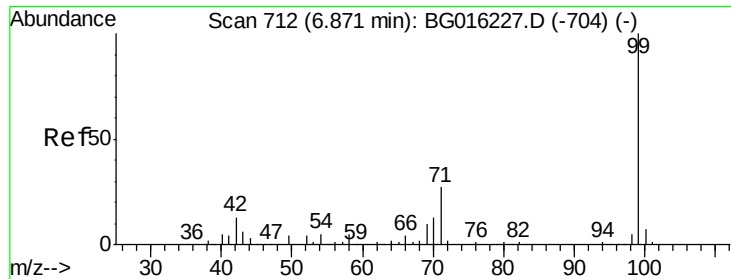


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 31.44 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DCW-WW-111-4915

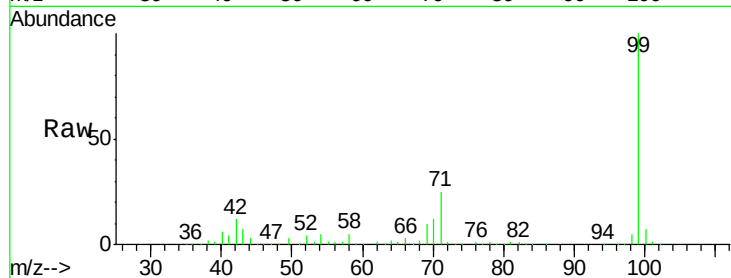
Tgt Ion: 99 Resp: 218472

Ion Ratio Lower Upper

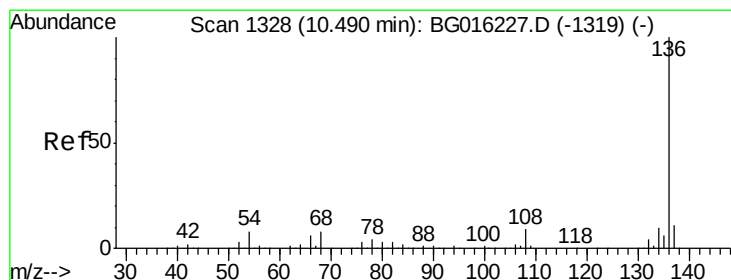
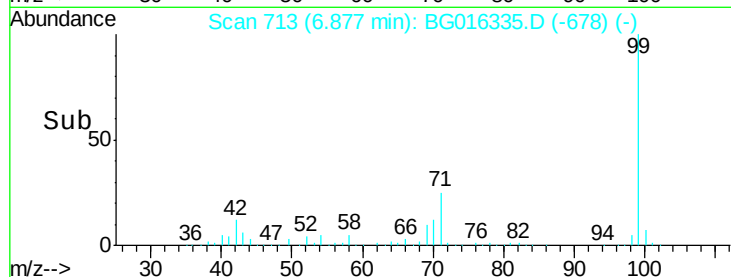
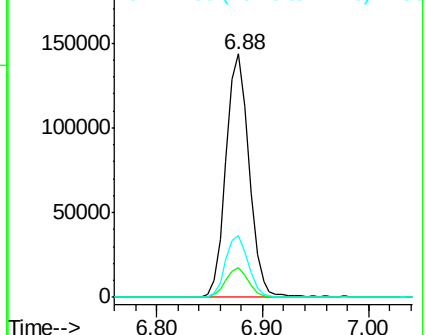
99 100

42 12.3 10.0 15.0

71 25.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.48 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

Tgt Ion: 136 Resp: 323855

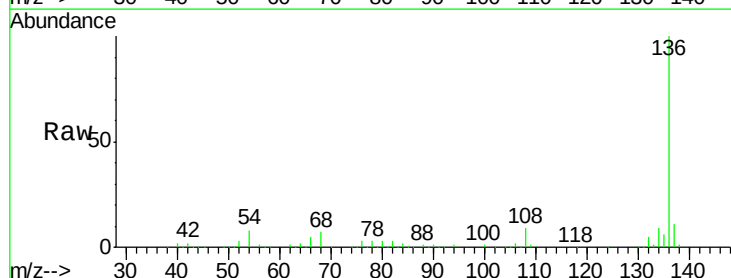
Ion Ratio Lower Upper

136 100

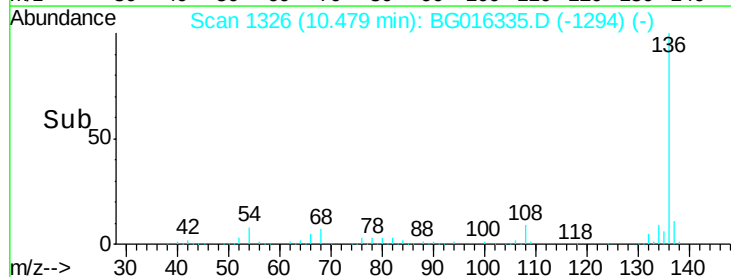
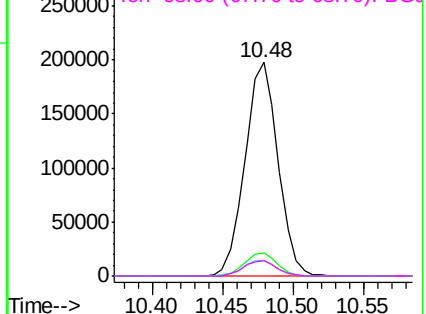
137 11.0 8.7 13.1

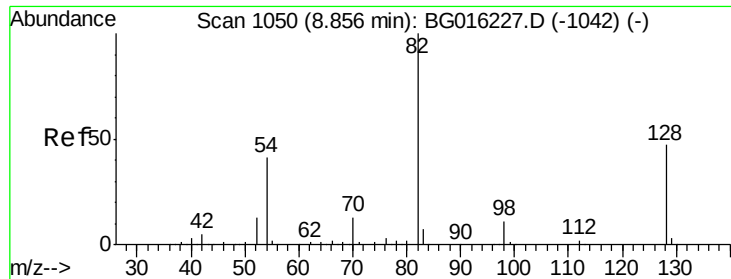
54 7.5 6.3 9.5

68 7.1 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

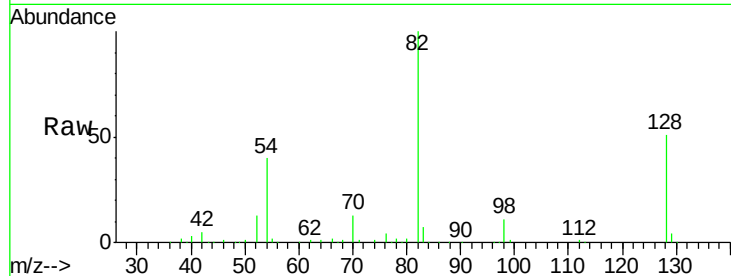




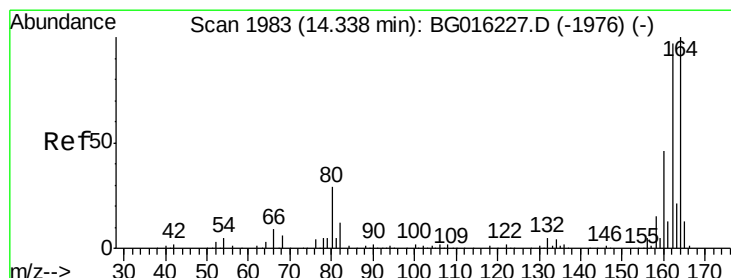
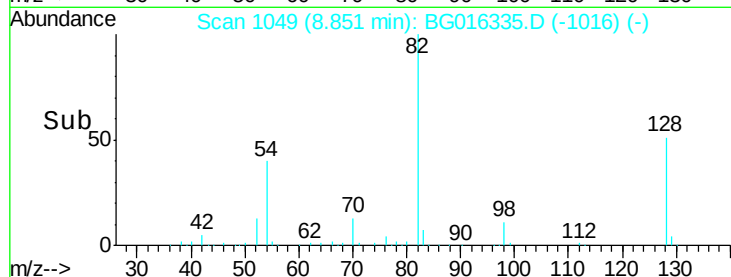
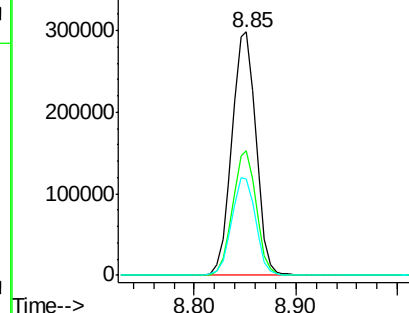
#23
 Nitrobenzene-d5
 Concen: 88.11 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BG016335.D
 Acq: 11 Apr 2015 00:43

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-111-4915

Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.0	37.8	56.8
54	39.6	32.6	49.0

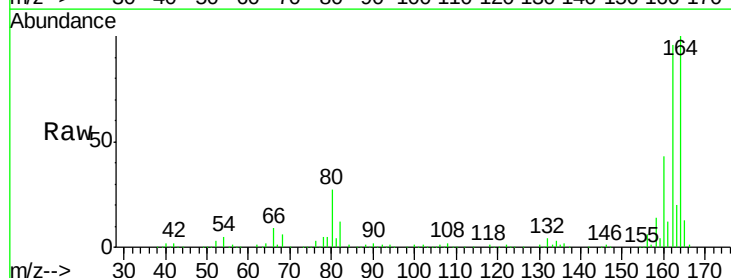


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

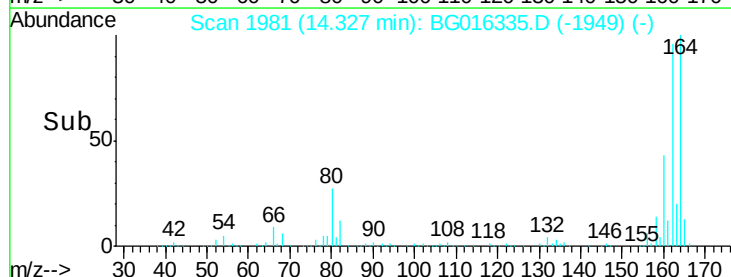
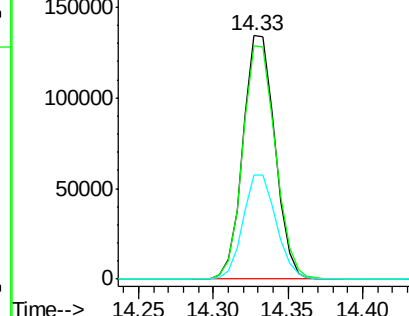


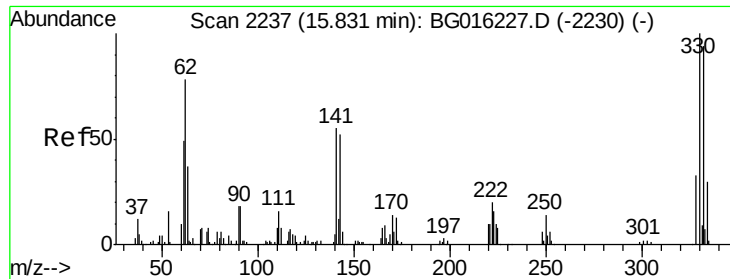
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG016335.D
 Acq: 11 Apr 2015 00:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	95.6	77.3	115.9
160	42.6	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

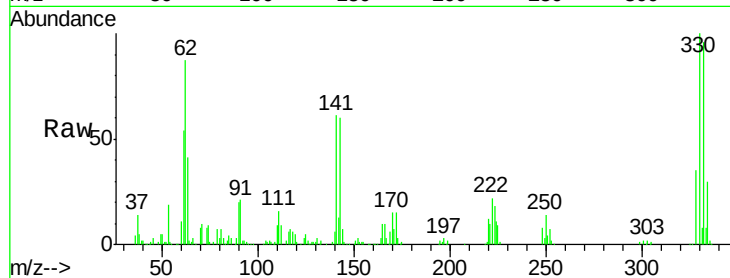




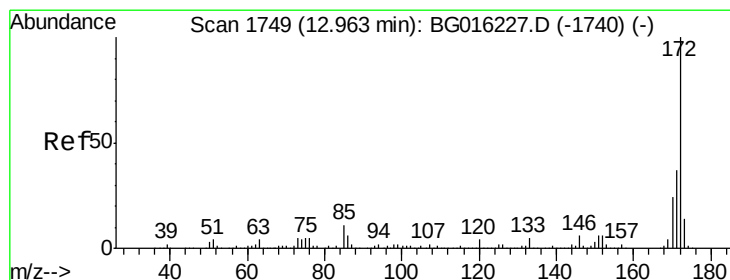
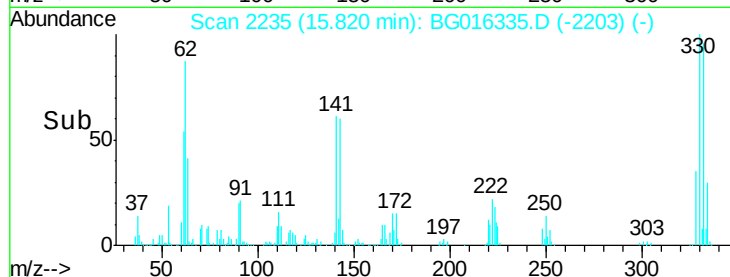
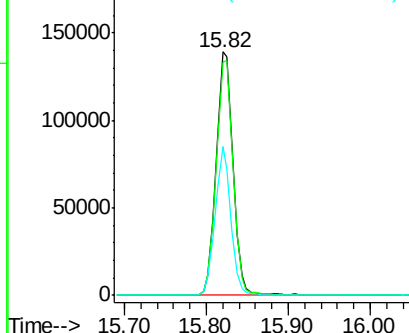
#41
 2,4,6-Tribromophenol
 Concen: 149.96 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016335.D
 Acq: 11 Apr 2015 00:43

Instrument :
 BNA_G
 ClientSampleId :
 DCW-WW-111-4915

Tgt Ion:330 Resp: 201944
 Ion Ratio Lower Upper
 330 100
 332 97.1 75.8 113.6
 141 56.4 46.6 69.8

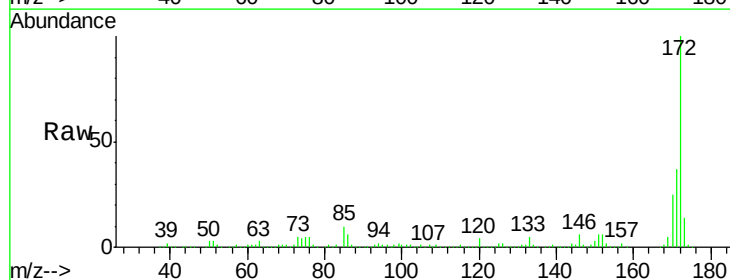


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

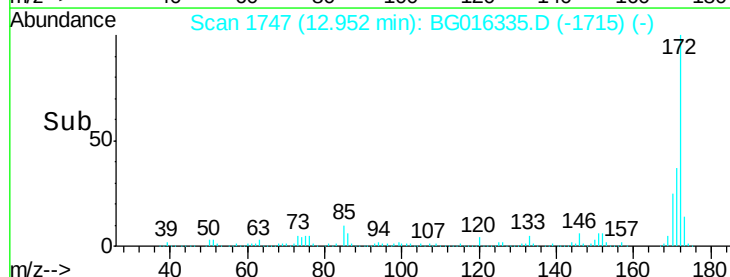
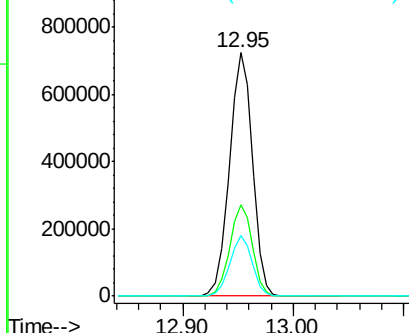


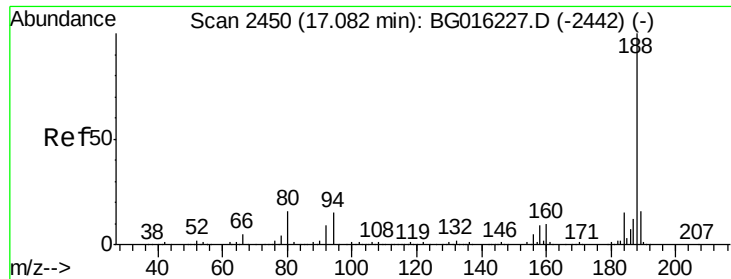
#44
 2-Fluorobiphenyl
 Concen: 90.62 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016335.D
 Acq: 11 Apr 2015 00:43

Tgt Ion:172 Resp: 1059845
 Ion Ratio Lower Upper
 172 100
 171 37.5 29.6 44.4
 170 24.7 19.4 29.2



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

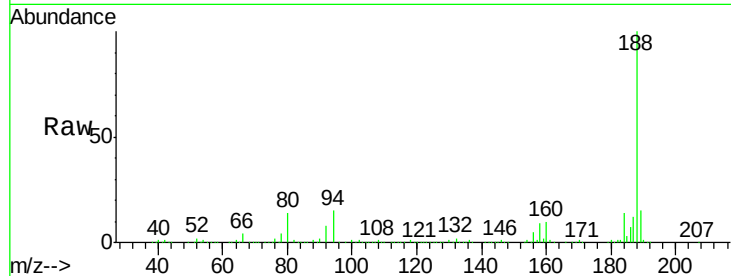




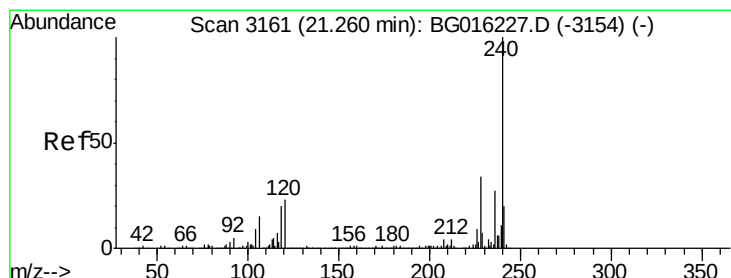
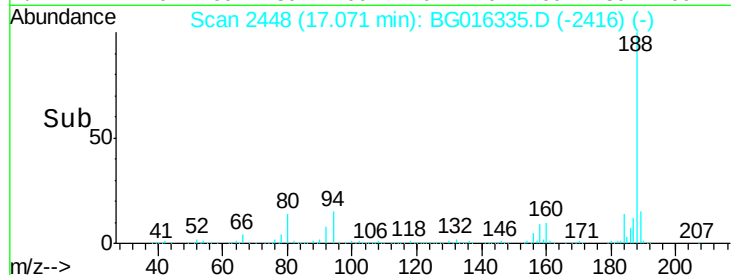
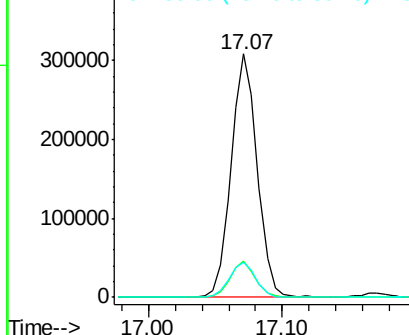
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.07 min Scan# 2448
Delta R.T. -0.01 min
Lab File: BG016335.D
Acq: 11 Apr 2015 00:43

Instrument :
BNA_G
ClientSampleId :
DCW-WW-111-4915

Tgt Ion:188 Resp: 419876
Ion Ratio Lower Upper
188 100
94 14.7 12.2 18.4
80 14.5 12.8 19.2

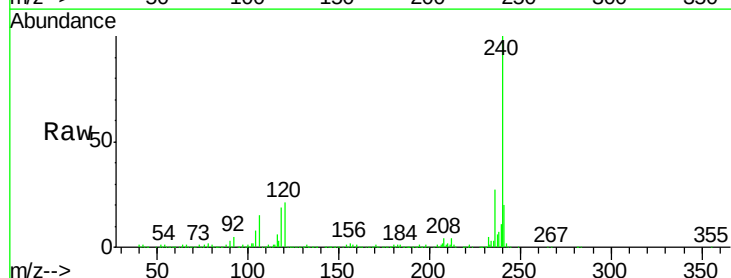


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

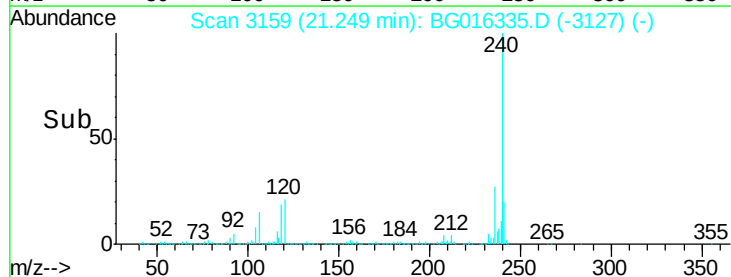
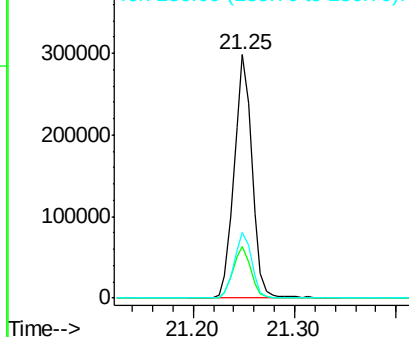


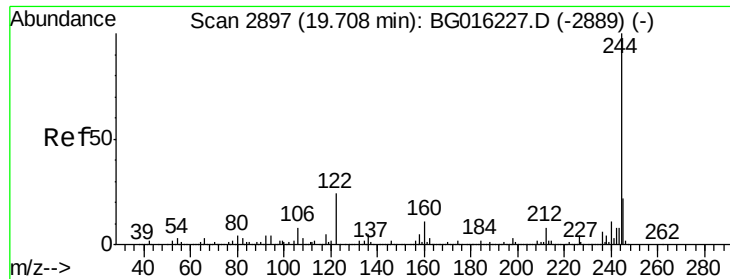
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.25 min Scan# 3159
Delta R.T. -0.01 min
Lab File: BG016335.D
Acq: 11 Apr 2015 00:43

Tgt Ion:240 Resp: 367138
Ion Ratio Lower Upper
240 100
120 21.1 18.6 28.0
236 27.0 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: 79.43 ng

RT: 19.70 min Scan# 2896

Delta R.T. -0.01 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

Instrument :

BNA_G

ClientSampleId :

DCW-WW-111-4915

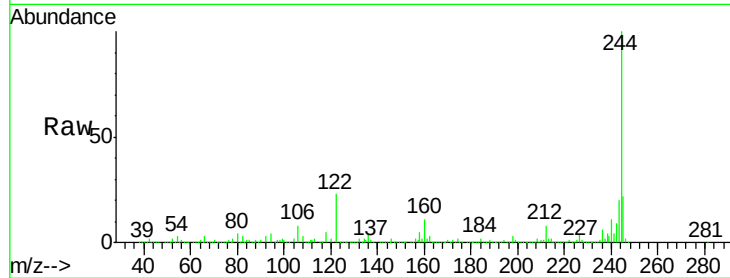
Tgt Ion:244 Resp: 1246066

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

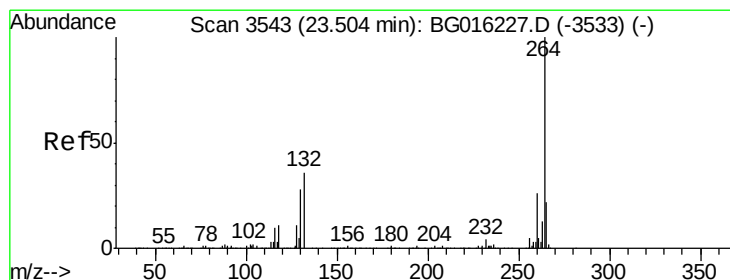
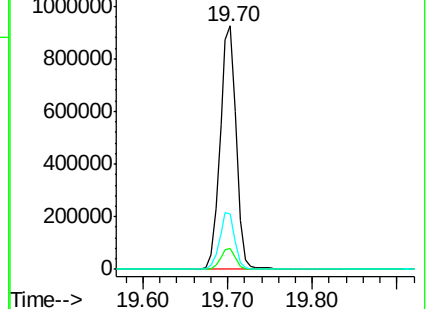
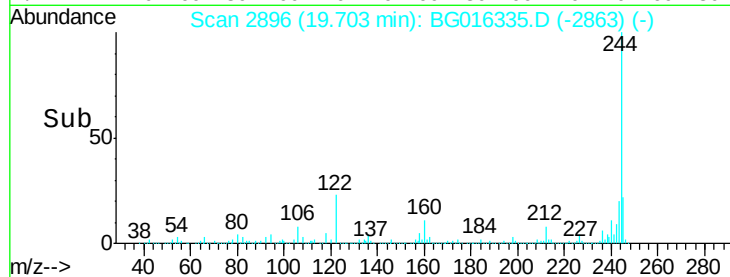
122 22.6 19.1 28.7



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: 23.49 min Scan# 3541

Delta R.T. -0.01 min

Lab File: BG016335.D

Acq: 11 Apr 2015 00:43

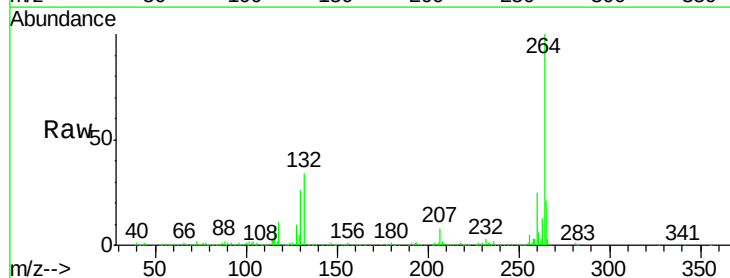
Tgt Ion:264 Resp: 336708

Ion Ratio Lower Upper

264 100

260 24.9 20.4 30.6

265 21.1 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

