

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041015\
 Data File : BG016350.D
 Acq On : 11 Apr 2015 12:17
 Operator : TP/IZ
 Sample : G1822-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Quant Time: Apr 13 03:35:03 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

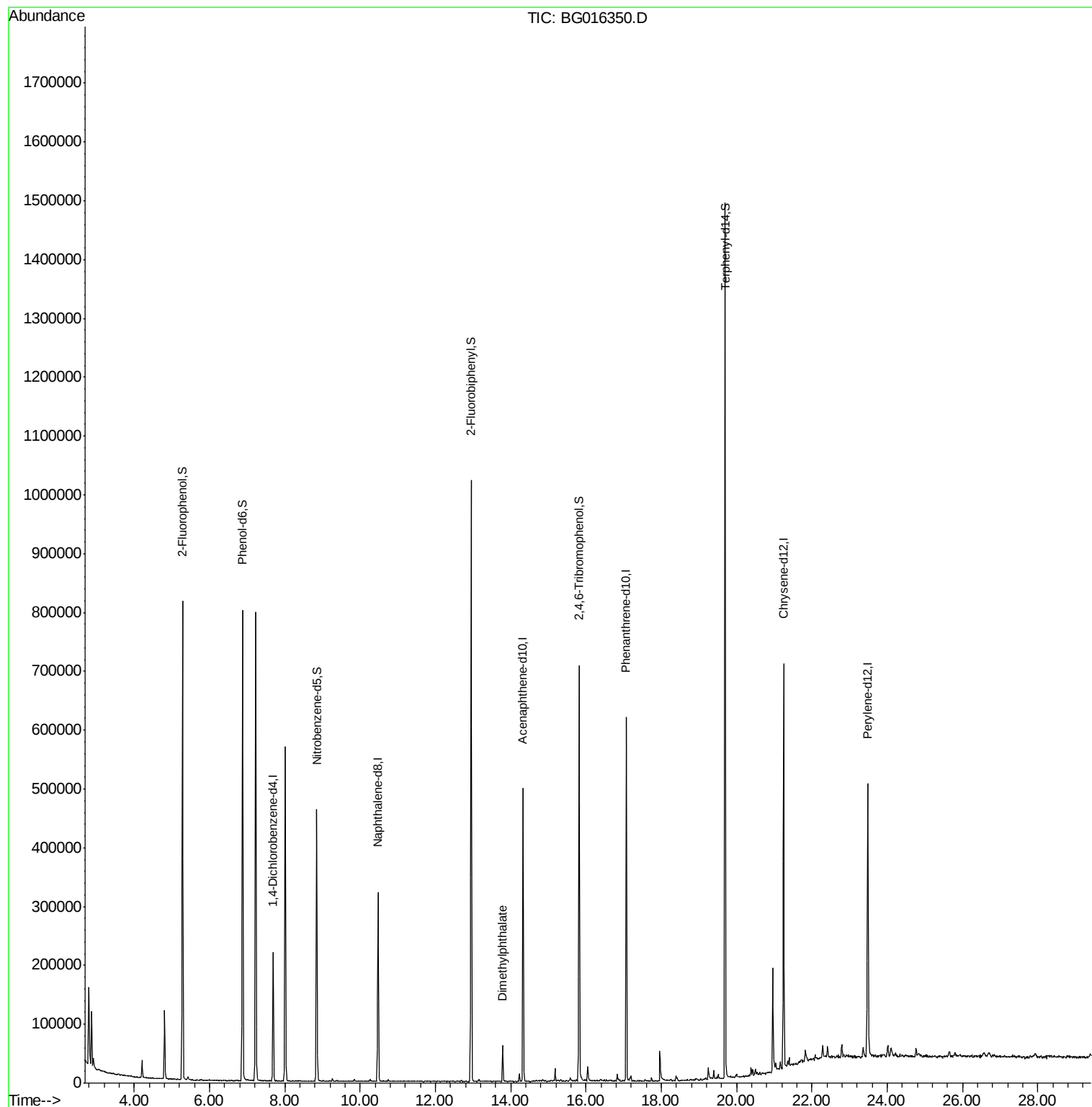
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	60602	20.00	ng	-0.01
21) Naphthalene-d8	10.47	136	274801	20.00	ng	-0.02
38) Acenaphthene-d10	14.33	164	163803	20.00	ng	-0.01
63) Phenanthrene-d10	17.07	188	330358	20.00	ng	-0.01
75) Chrysene-d12	21.25	240	287011	20.00	ng	-0.01
86) Perylene-d12	23.49	264	262248	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	372894	97.11	ng	0.00
7) Phenol-d6	6.88	99	534236	92.68	ng	0.00
23) Nitrobenzene-d5	8.85	82	274803	57.93	ng	-0.01
41) 2,4,6-Tribromophenol	15.82	330	101287	91.43	ng	-0.01
44) 2-Fluorobiphenyl	12.95	172	505752	52.57	ng	-0.02
78) Terphenyl-d14	19.70	244	595059	48.52	ng	-0.01
Target Compounds						
49) Dimethylphthalate	13.79	163	39144	3.26	ng	Qvalue 98

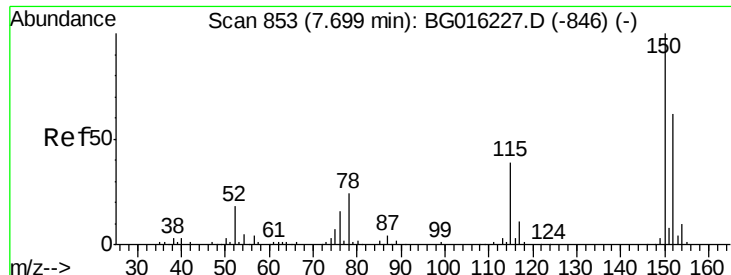
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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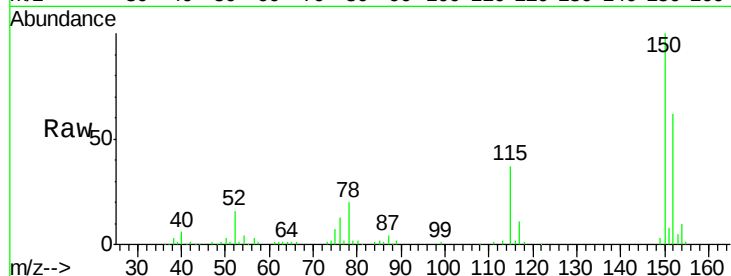


#1

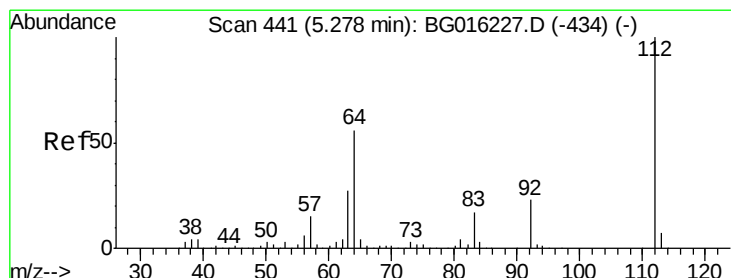
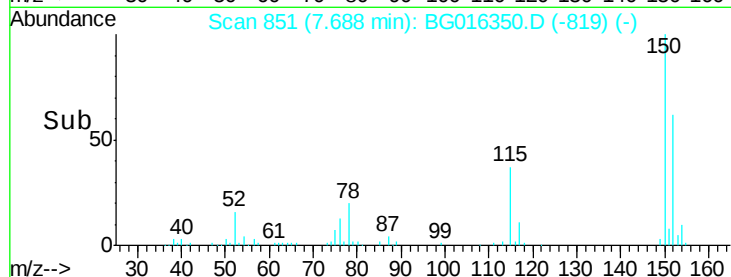
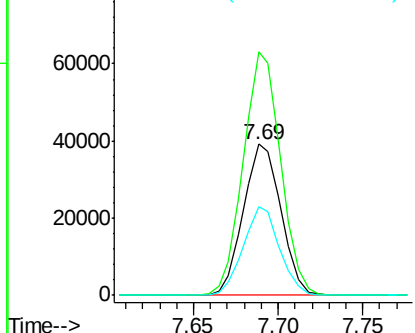
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.69 min Scan# 851
Delta R.T. -0.01 min
Lab File: BG016350.D
Acq: 11 Apr 2015 12:17

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion:152 Resp: 60602
Ion Ratio Lower Upper
152 100
150 161.4 130.1 195.1
115 59.1 50.5 75.7



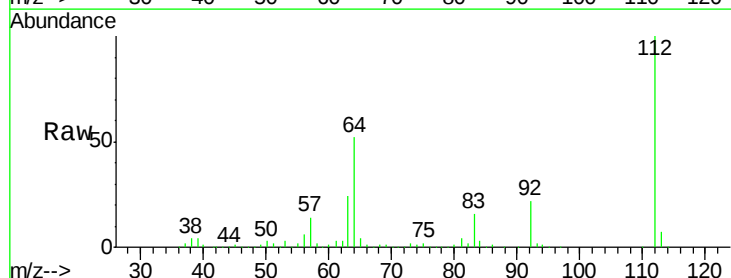
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



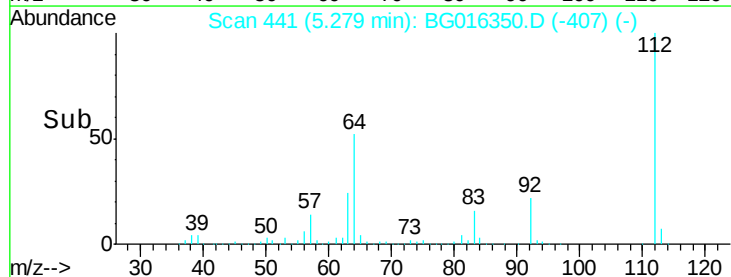
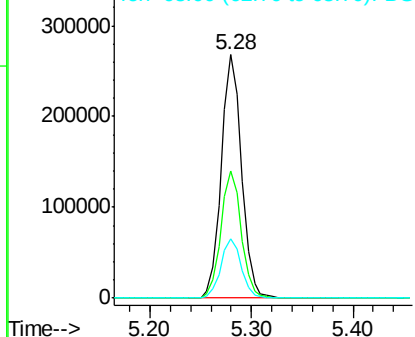
#5

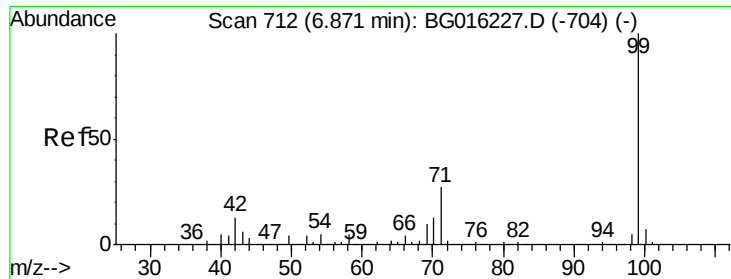
2-Fluorophenol
Concen: 97.11 ng
RT: 5.28 min Scan# 441
Delta R.T. 0.00 min
Lab File: BG016350.D
Acq: 11 Apr 2015 12:17

Tgt Ion:112 Resp: 372894
Ion Ratio Lower Upper
112 100
64 52.4 44.5 66.7
63 24.5 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: 92.68 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016350.D

Acq: 11 Apr 2015 12:17

Instrument :

BNA_G

ClientSampleId :

F5-025MS

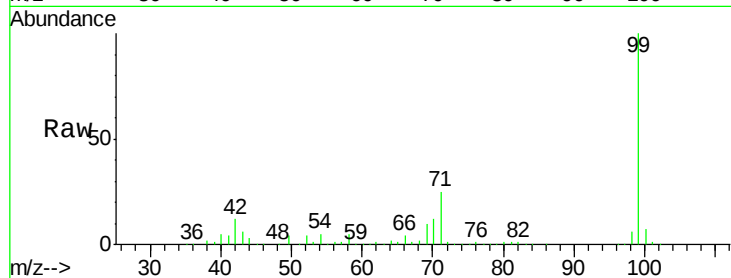
Tgt Ion: 99 Resp: 534236

Ion Ratio Lower Upper

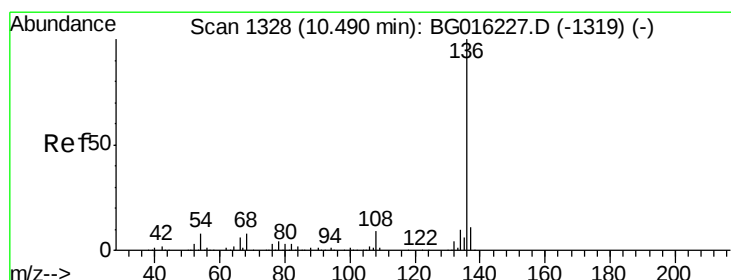
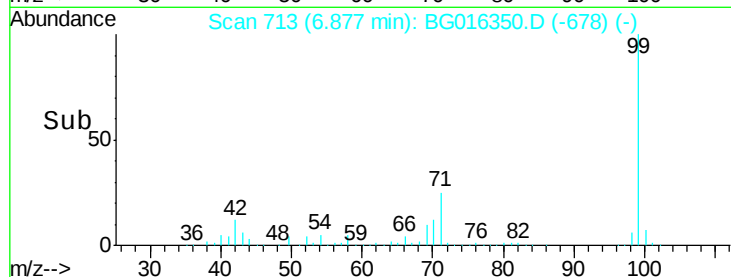
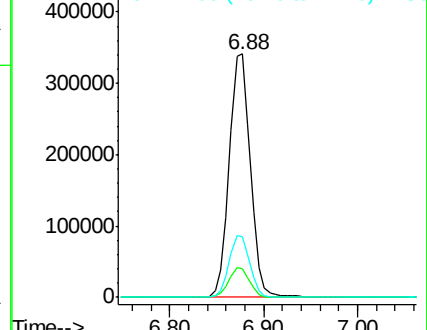
99 100

42 11.7 10.0 15.0

71 25.1 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.47 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BG016350.D

Acq: 11 Apr 2015 12:17

Tgt Ion: 136 Resp: 274801

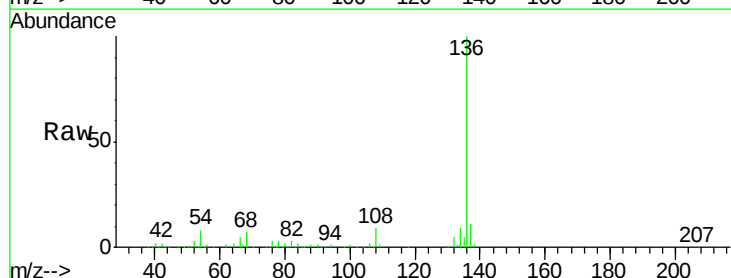
Ion Ratio Lower Upper

136 100

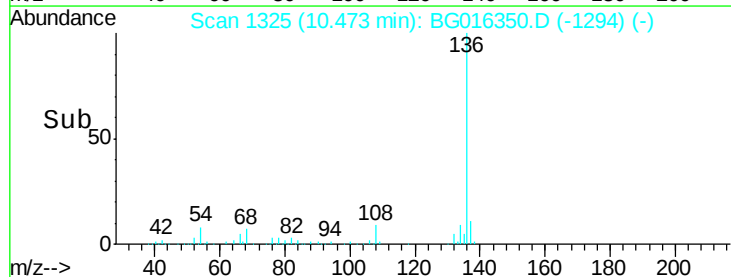
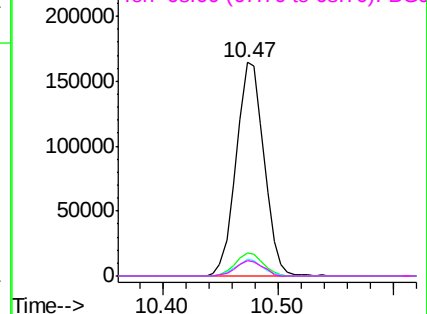
137 10.8 8.7 13.1

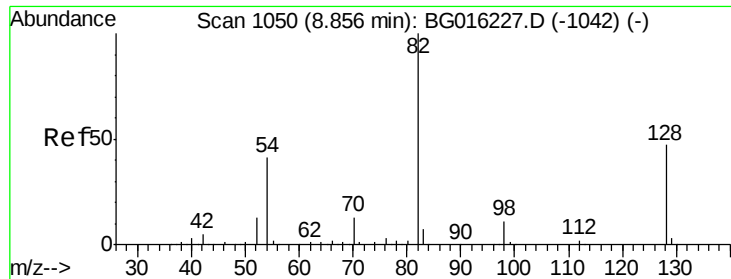
54 7.6 6.3 9.5

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

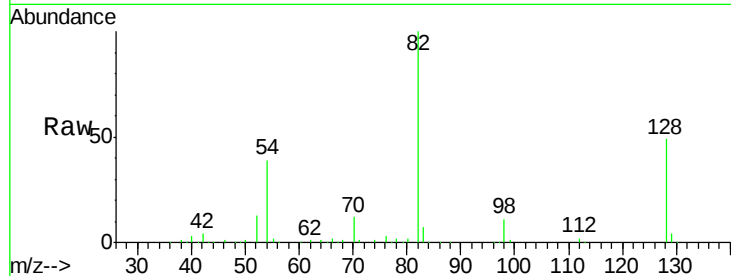




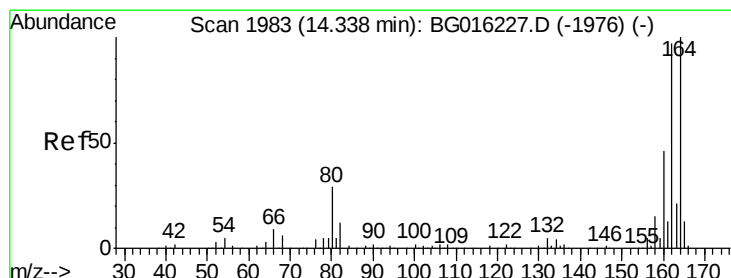
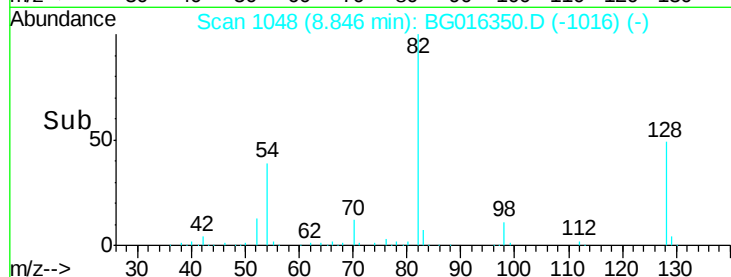
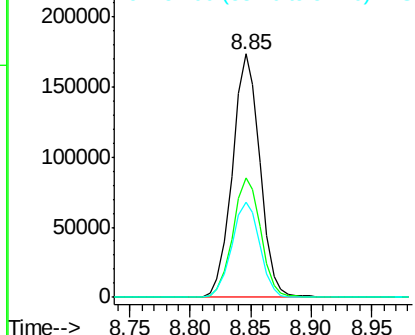
#23
 Nitrobenzene-d5
 Concen: 57.93 ng
 RT: 8.85 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BG016350.D
 Acq: 11 Apr 2015 12:17

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	37.8	56.8
54	39.1	32.6	49.0

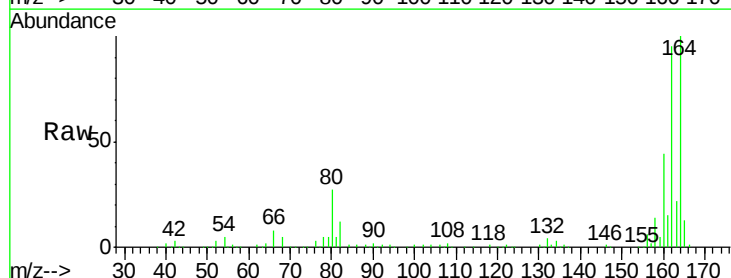


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

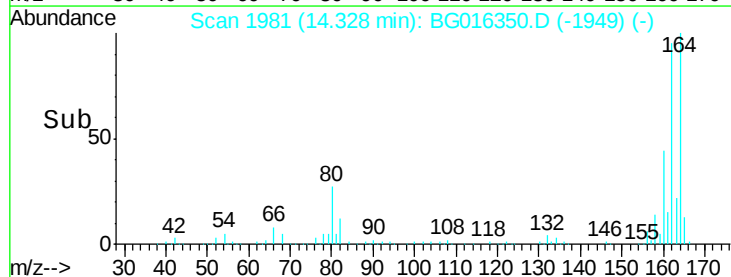
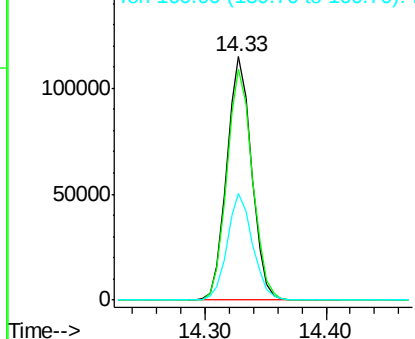


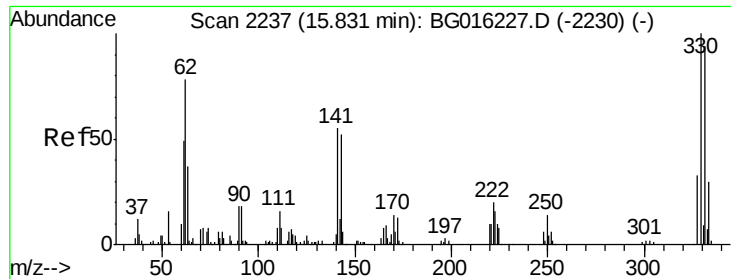
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.33 min Scan# 1981
 Delta R.T. -0.01 min
 Lab File: BG016350.D
 Acq: 11 Apr 2015 12:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.7	77.3	115.9
160	43.6	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

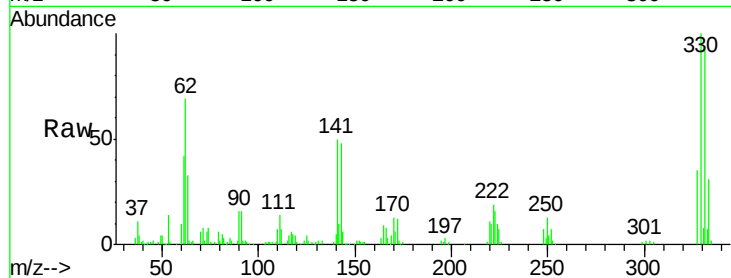




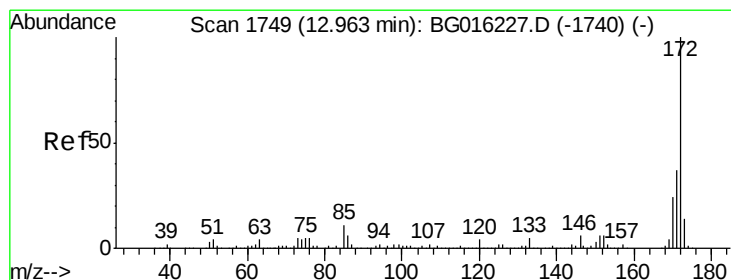
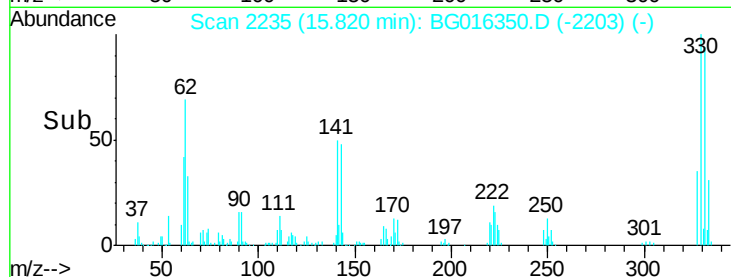
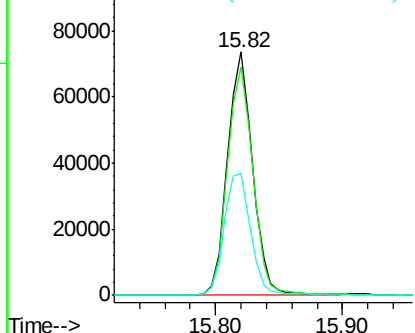
#41
 2,4,6-Tribromophenol
 Concen: 91.43 ng
 RT: 15.82 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BG016350.D
 Acq: 11 Apr 2015 12:17

Instrument :
 BNA_G
 ClientSampleId :
 F5-025MS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	75.8	113.6
141	52.9	46.6	69.8

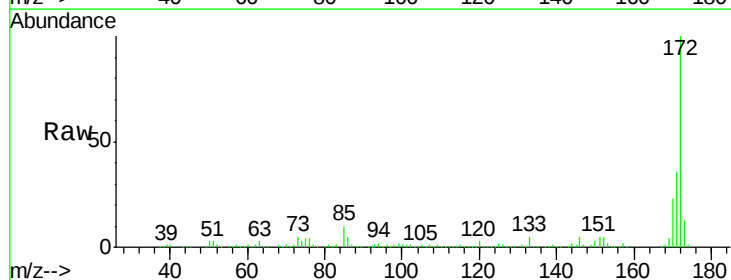


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

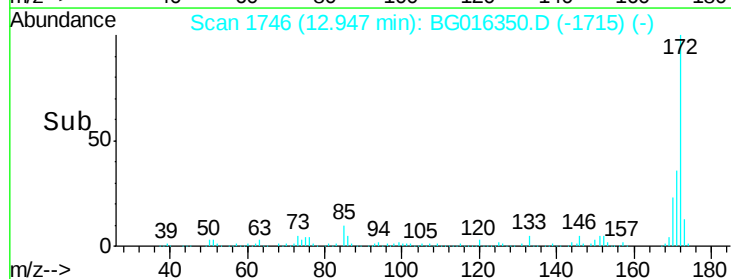
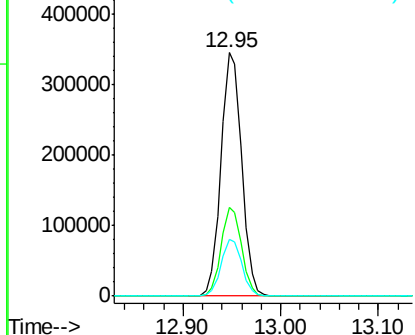


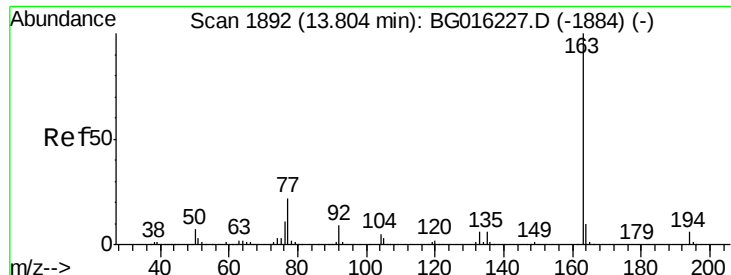
#44
 2-Fluorobiphenyl
 Concen: 52.57 ng
 RT: 12.95 min Scan# 1746
 Delta R.T. -0.02 min
 Lab File: BG016350.D
 Acq: 11 Apr 2015 12:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.3	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





#49

Dimethylphthalate

Concen: 3.26 ng

RT: 13.79 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BG016350.D

Acq: 11 Apr 2015 12:17

Instrument :

BNA_G

ClientSampleId :

F5-025MS

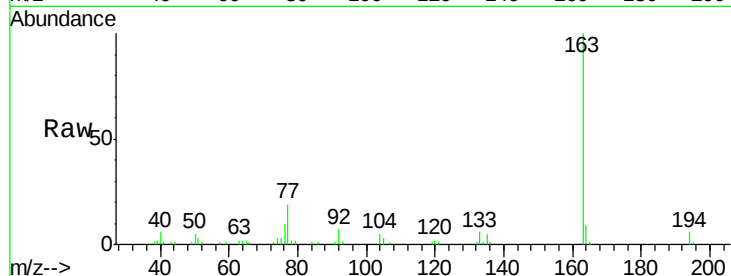
Tgt Ion:163 Resp: 39144

Ion Ratio Lower Upper

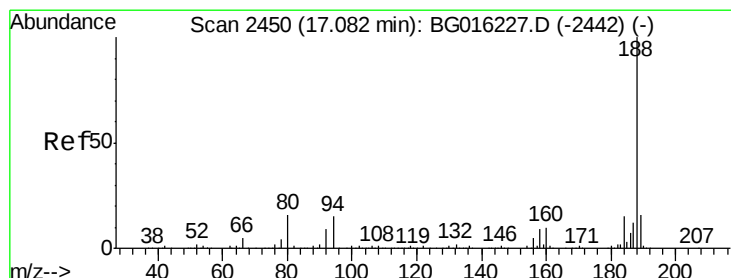
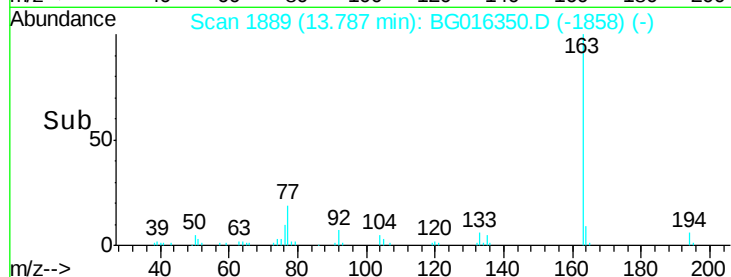
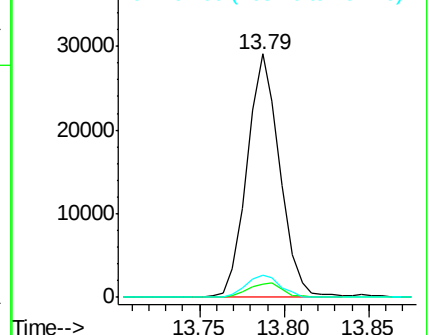
163 100

194 5.6 5.0 7.4

164 9.3 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.07 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG016350.D

Acq: 11 Apr 2015 12:17

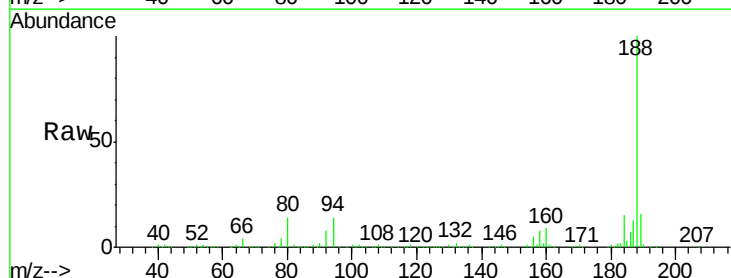
Tgt Ion:188 Resp: 330358

Ion Ratio Lower Upper

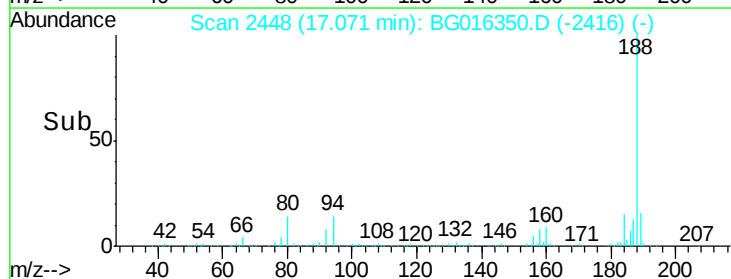
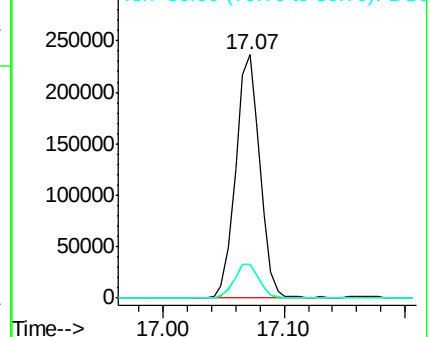
188 100

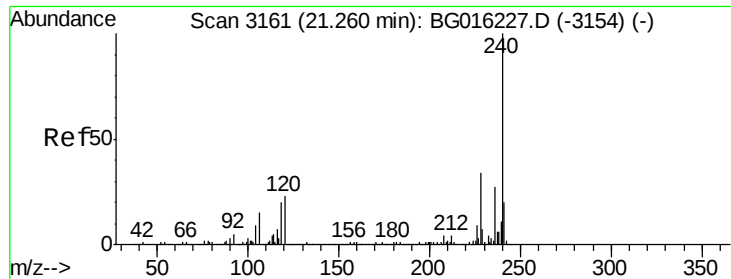
94 13.7 12.2 18.4

80 13.8 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: BG016350.D

Acq: 11 Apr 2015 12:17

Instrument :

BNA_G

ClientSampleId :

F5-025MS

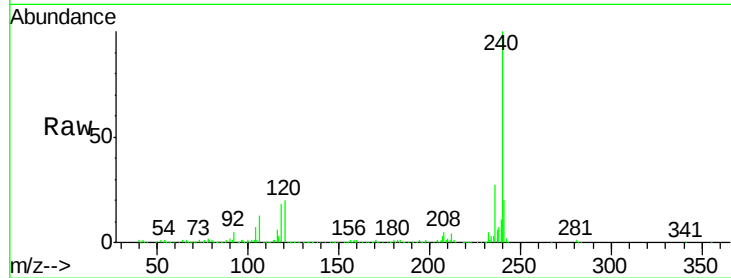
Tgt Ion:240 Resp: 287011

Ion Ratio Lower Upper

240 100

120 20.1 18.6 28.0

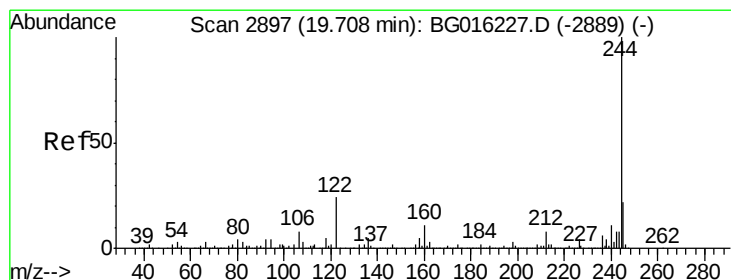
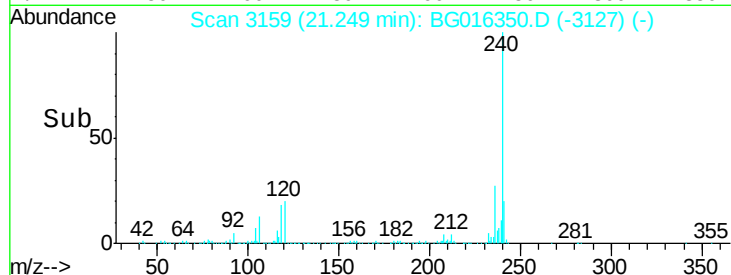
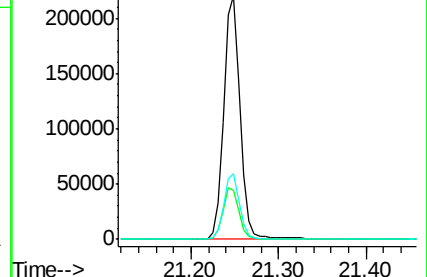
236 27.0 21.7 32.5



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: 48.52 ng

RT: 19.70 min Scan# 2895

Delta R.T. -0.01 min

Lab File: BG016350.D

Acq: 11 Apr 2015 12:17

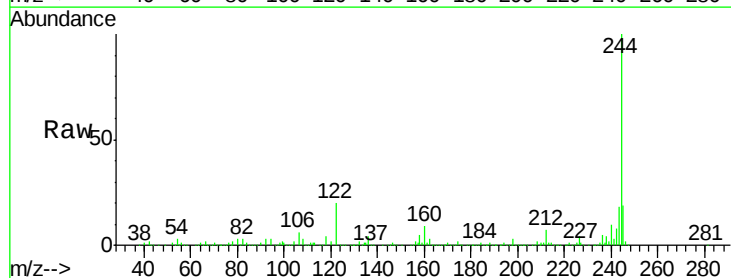
Tgt Ion:244 Resp: 595059

Ion Ratio Lower Upper

244 100

212 7.2 6.6 9.8

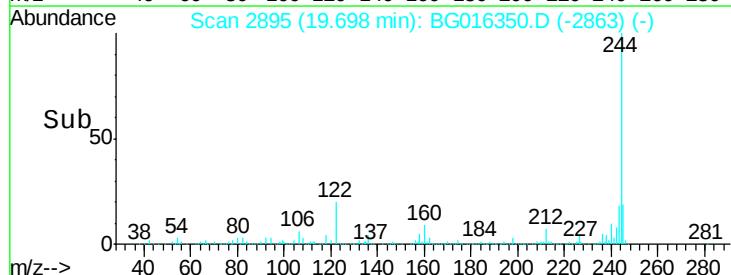
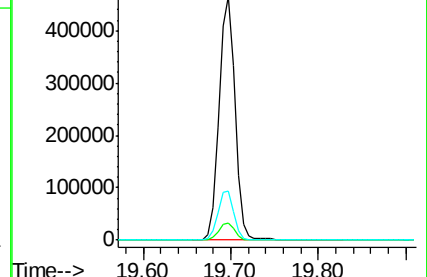
122 20.0 19.1 28.7

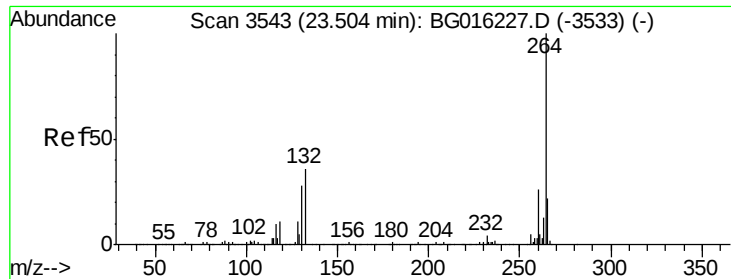


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

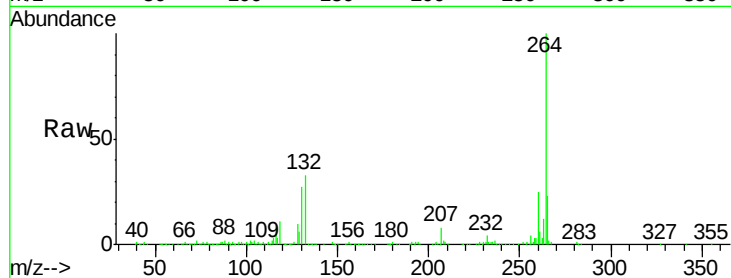




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.49 min Scan# 3540
Delta R.T. -0.02 min
Lab File: BG016350.D
Acq: 11 Apr 2015 12:17

Instrument :
BNA_G
ClientSampleId :
F5-025MS

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	20.4	30.6
265	22.7	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

