

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016707.D
 Acq On : 25 Apr 2015 9:01
 Operator : TP/IZ
 Sample : PB83003BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BL

Quant Time: Apr 27 01:26:39 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 27 00:50:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	40877	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	170173	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	96755	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	209184	20.00	ng	0.00
75) Chrysene-d12	21.18	240	210100	20.00	ng	0.00
86) Perylene-d12	23.39	264	203781	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	258643	102.68	ng	0.00
7) Phenol-d6	6.79	99	351390	99.43	ng	0.00
23) Nitrobenzene-d5	8.75	82	298368	110.79	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	69175	96.37	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	683502	113.50	ng	0.00
78) Terphenyl-d14	19.63	244	928755	101.83	ng	0.00

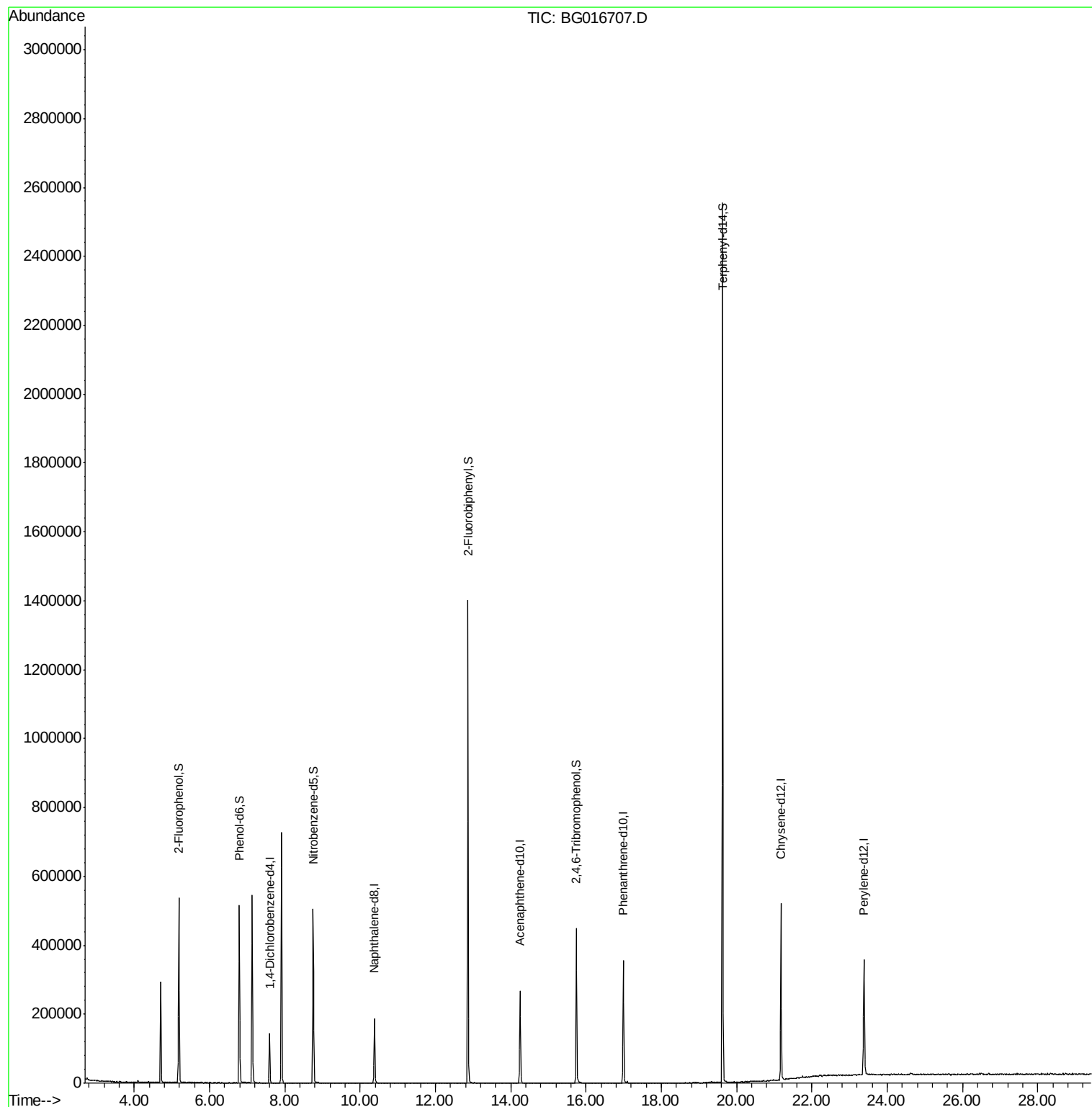
Target Compounds Qvalue

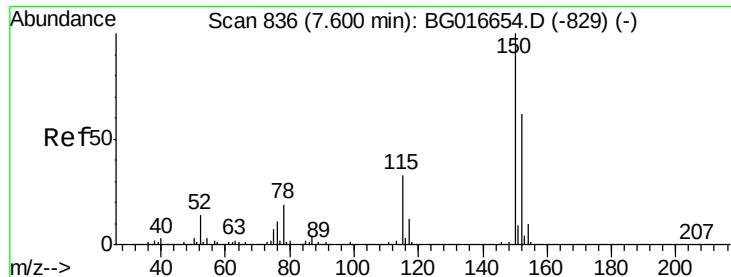
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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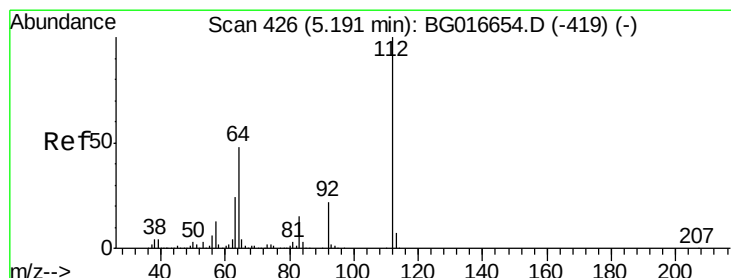
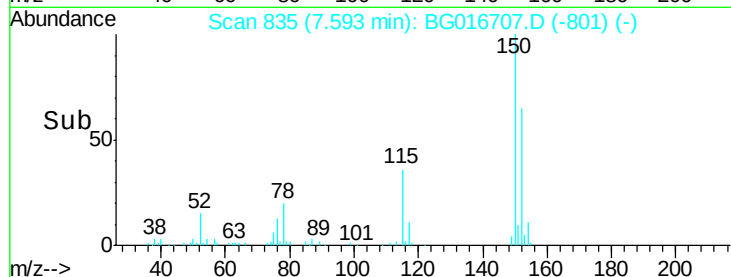
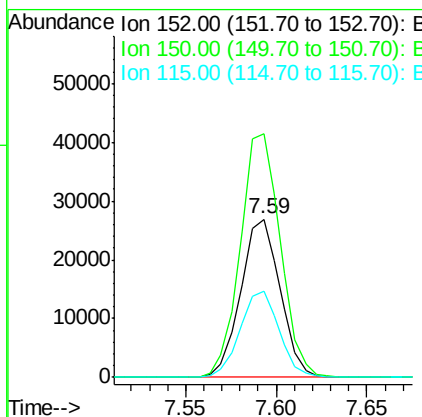
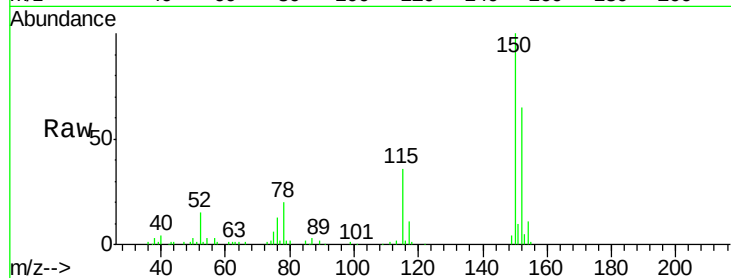


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016707.D
Acq: 25 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PB83003BL

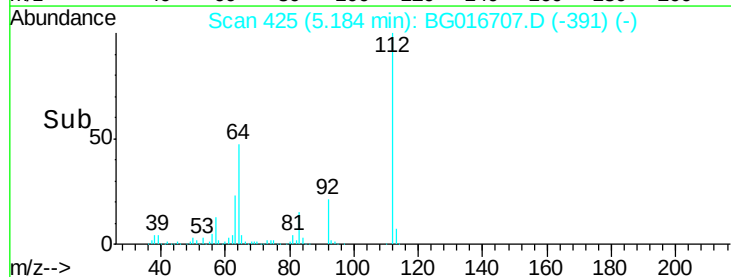
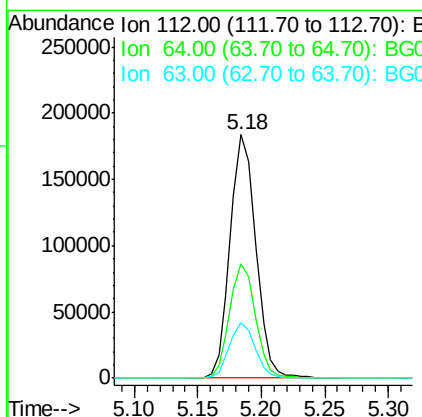
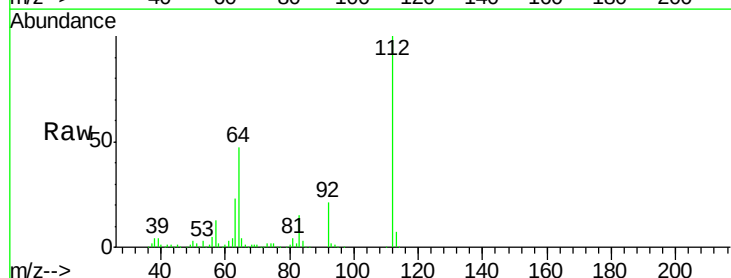
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.1	129.6	194.4
115	54.9	43.0	64.6

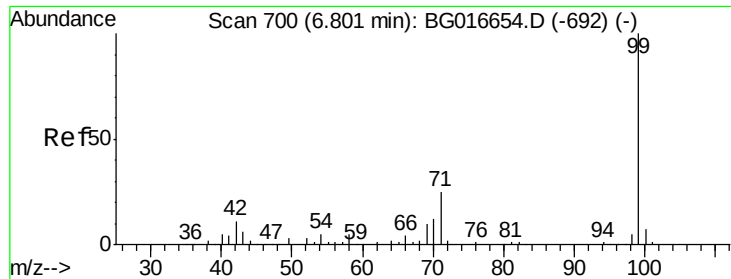


#5

2-Fluorophenol
Concen: 102.68 ng
RT: 5.18 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG016707.D
Acq: 25 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	46.8	38.3	57.5
63	22.9	18.9	28.3





#7

Phenol-d6

Concen: 99.43 ng

RT: 6.79 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016707.D

Acq: 25 Apr 2015 9:01

Instrument :

BNA_G

ClientSampleId :

PB83003BL

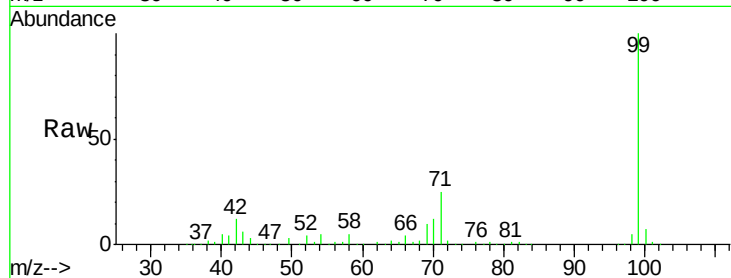
Tot Ion: 99 Resp: 351390

Ion Ratio Lower Upper

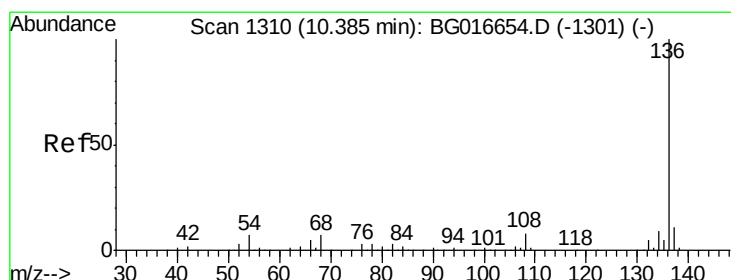
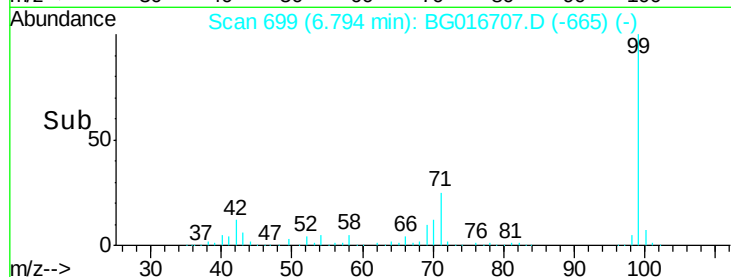
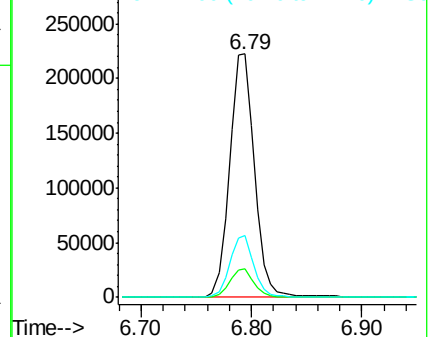
99 100

42 11.5 8.8 13.2

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: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016707.D

Acq: 25 Apr 2015 9:01

Tgt Ion: 136 Resp: 170173

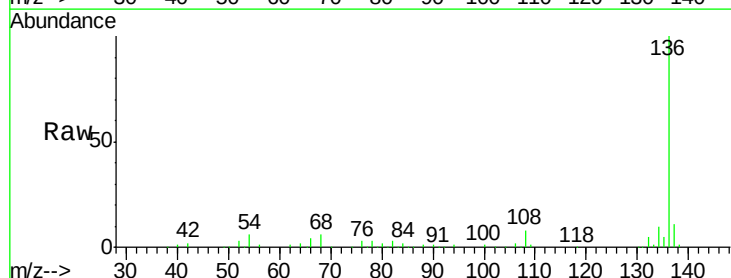
Ion Ratio Lower Upper

136 100

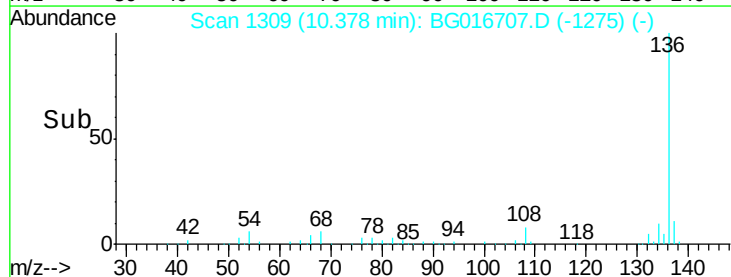
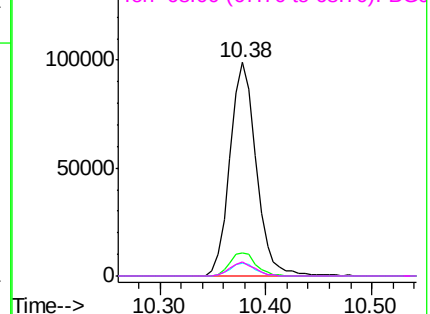
137 11.0 8.5 12.7

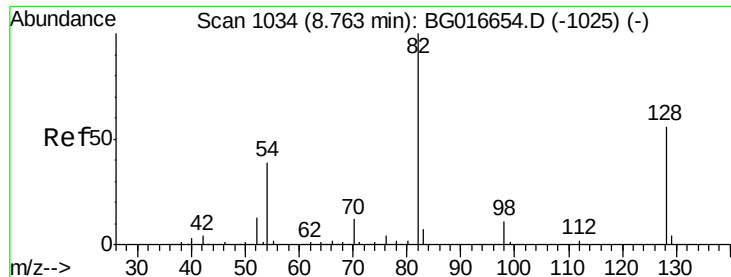
54 5.9 5.4 8.2

68 6.4 5.2 7.8



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

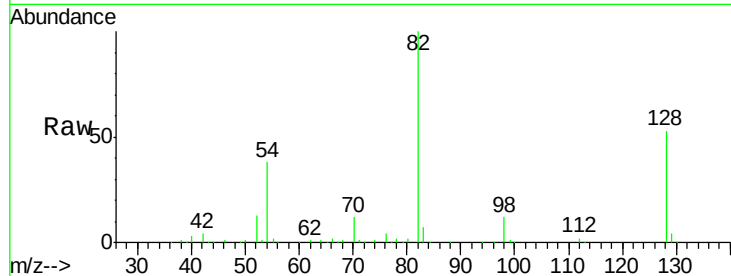




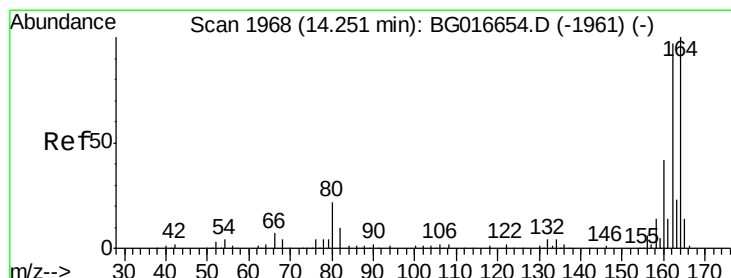
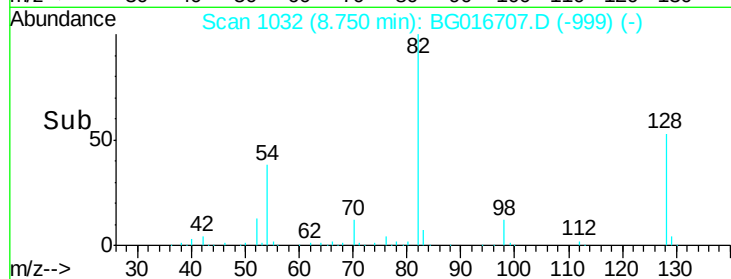
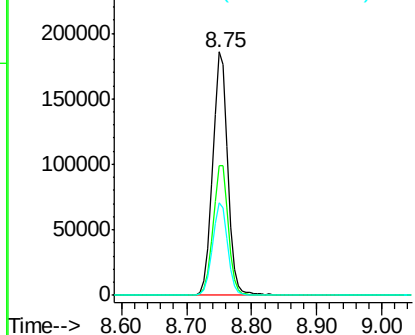
#23
 Nitrobenzene-d5
 Concen: 110.79 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016707.D
 Acq: 25 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampled :
 PB83003BL

Tot Ion	82	Resp	298368
Ion Ratio	Lower	Upper	
82	100		
128	53.5	44.7	67.1
54	38.2	30.9	46.3

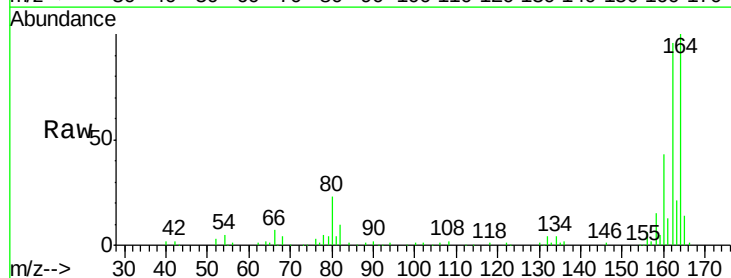


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

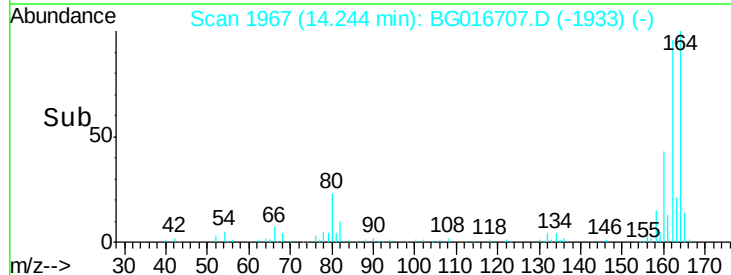
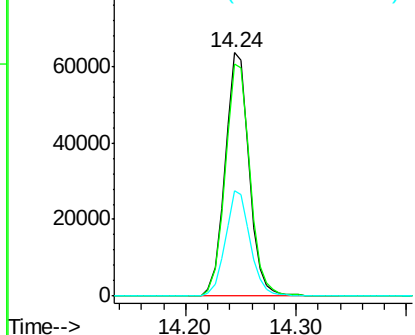


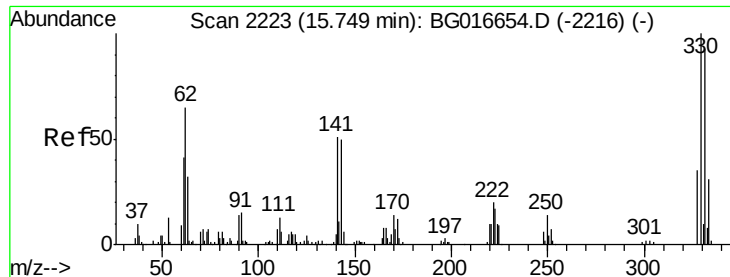
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BG016707.D
 Acq: 25 Apr 2015 9:01

Tgt Ion	164	Resp	96755
Ion Ratio	Lower	Upper	
164	100		
162	95.6	77.3	115.9
160	43.2	33.7	50.5



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

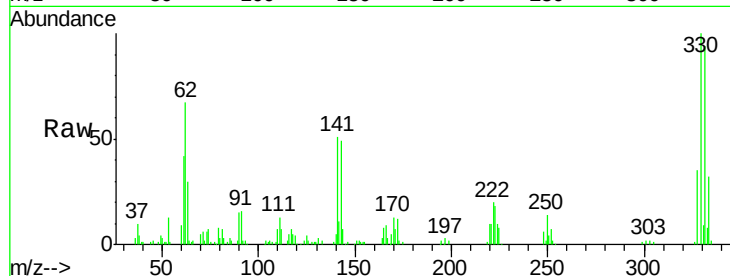




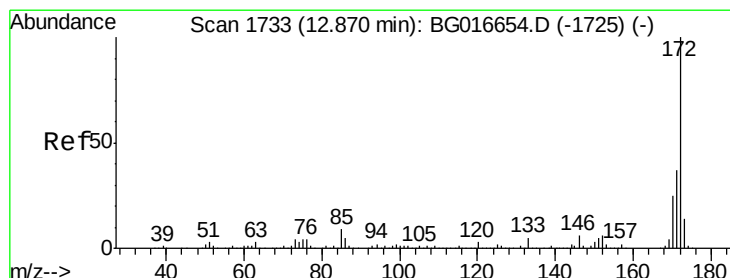
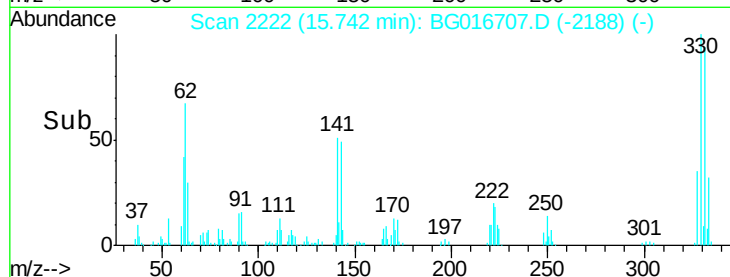
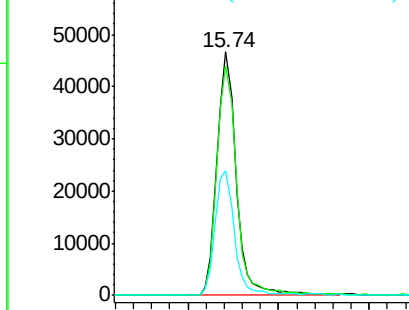
#41
 2,4,6-Tribromophenol
 Concen: 96.37 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016707.D
 Acq: 25 Apr 2015 9:01

Instrument :
 BNA_G
 ClientSampleId :
 PB83003BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.2	114.4
141	51.3	43.0	64.6

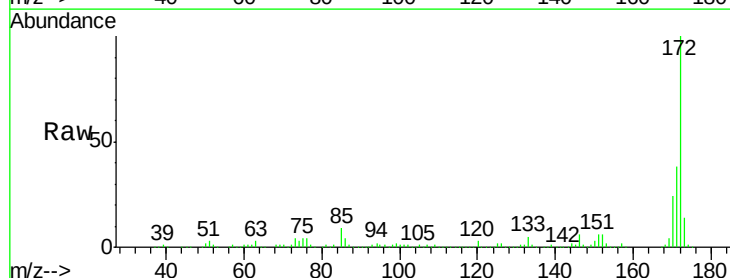


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

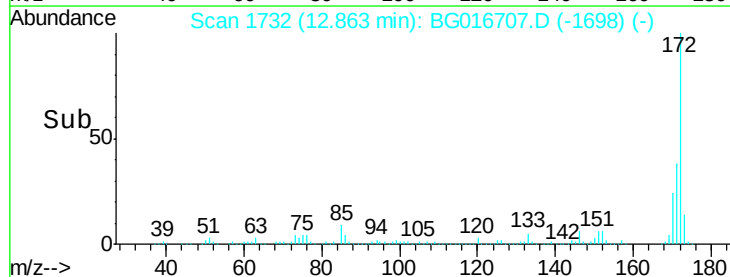
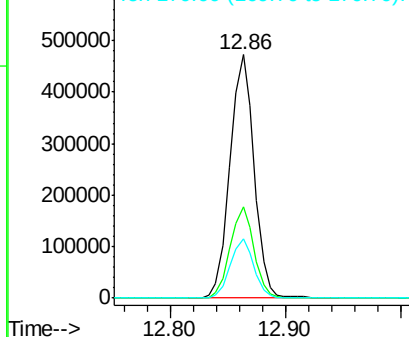


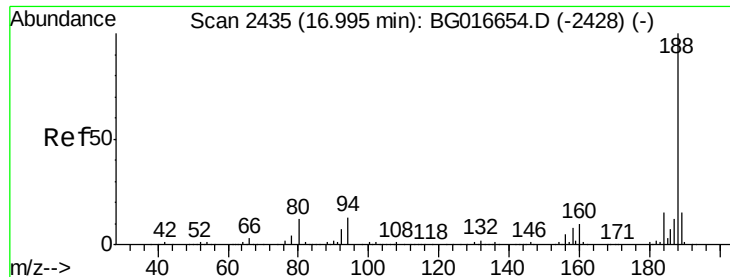
#44
 2-Fluorobiphenyl
 Concen: 113.50 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016707.D
 Acq: 25 Apr 2015 9:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	29.9	44.9
170	24.4	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

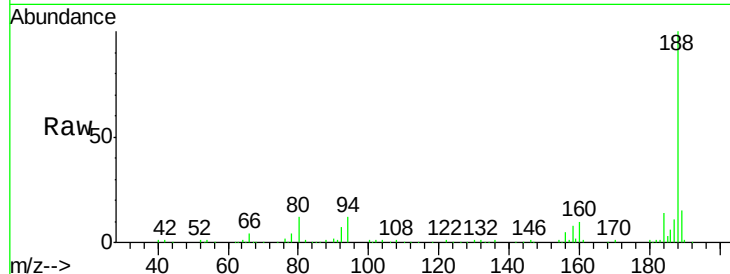




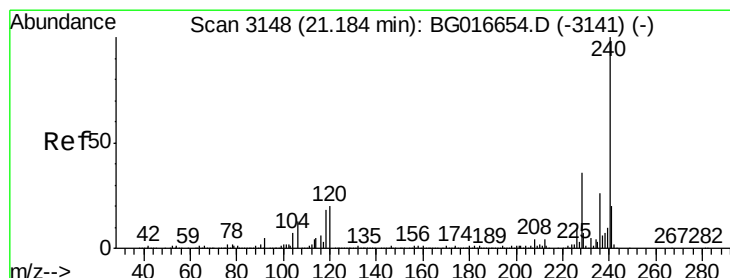
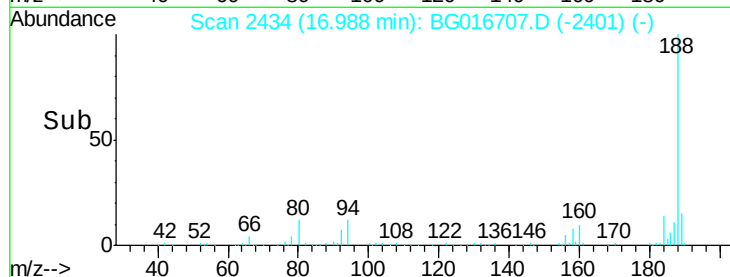
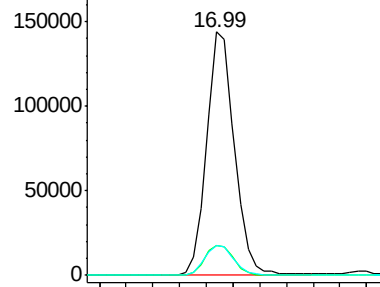
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016707.D
Acq: 25 Apr 2015 9:01

Instrument :
BNA_G
ClientSampleId :
PB83003BL

Tot Ion:188 Resp: 209184
Ion Ratio Lower Upper
188 100
94 12.5 10.7 16.1
80 12.0 9.9 14.9

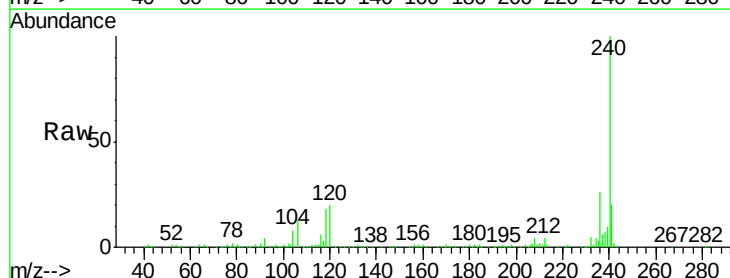


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

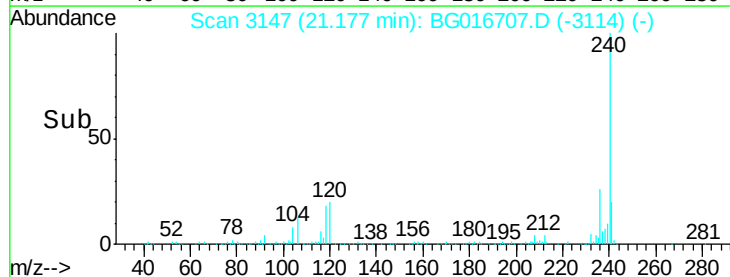
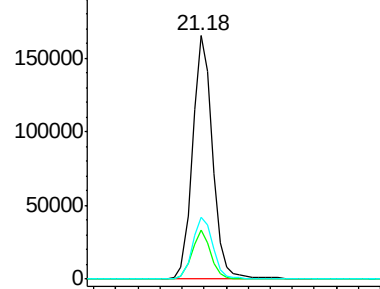


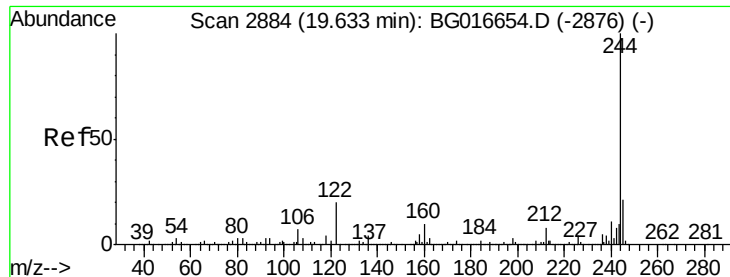
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016707.D
Acq: 25 Apr 2015 9:01

Tgt Ion:240 Resp: 210100
Ion Ratio Lower Upper
240 100
120 20.1 16.3 24.5
236 25.6 21.1 31.7



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: 101.83 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016707.D

Acq: 25 Apr 2015 9:01

Instrument :

BNA_G

ClientSampleId :

PB83003BL

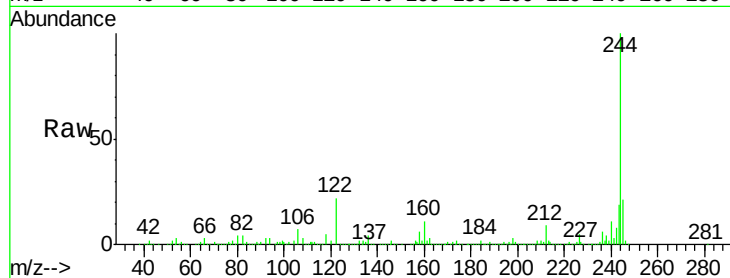
Tot Ion:244 Resp: 928755

Ion Ratio Lower Upper

244 100

212 8.7 6.4 9.6

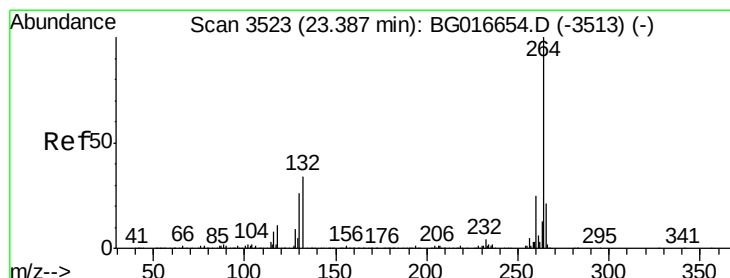
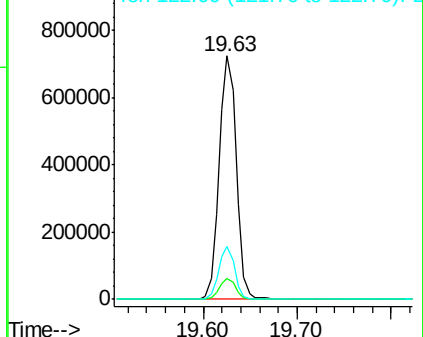
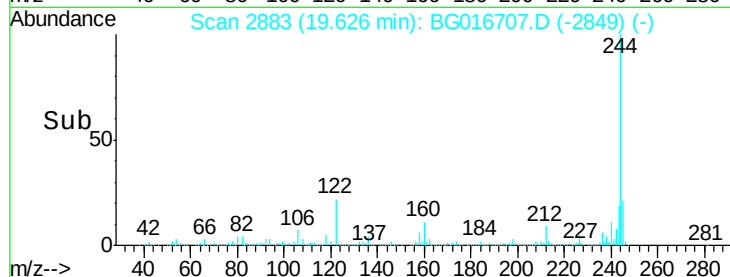
122 21.9 15.9 23.9



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: 23.39 min Scan# 3523

Delta R.T. -0.00 min

Lab File: BG016707.D

Acq: 25 Apr 2015 9:01

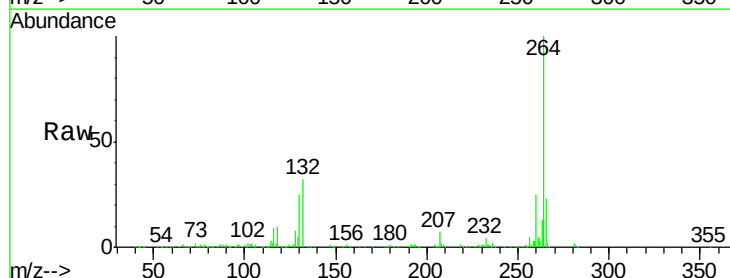
Tgt Ion:264 Resp: 203781

Ion Ratio Lower Upper

264 100

260 24.6 20.0 30.0

265 22.8 16.8 25.2



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

