

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042415\
 Data File : BG016706.D
 Acq On : 25 Apr 2015 8:26
 Operator : TP/IZ
 Sample : G2003-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB042315

Quant Time: Apr 27 01:15:16 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	40153	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	167495	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	96657	20.00	ng	0.00
63) Phenanthrene-d10	16.99	188	211232	20.00	ng	0.00
75) Chrysene-d12	21.18	240	214327	20.00	ng	0.00
86) Perylene-d12	23.38	264	202827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	168550	68.12	ng	0.00
7) Phenol-d6	6.79	99	140631	40.51	ng	0.00
23) Nitrobenzene-d5	8.75	82	264914	99.94	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	114440	159.60	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	616746	102.52	ng	0.00
78) Terphenyl-d14	19.63	244	805506	86.57	ng	0.00

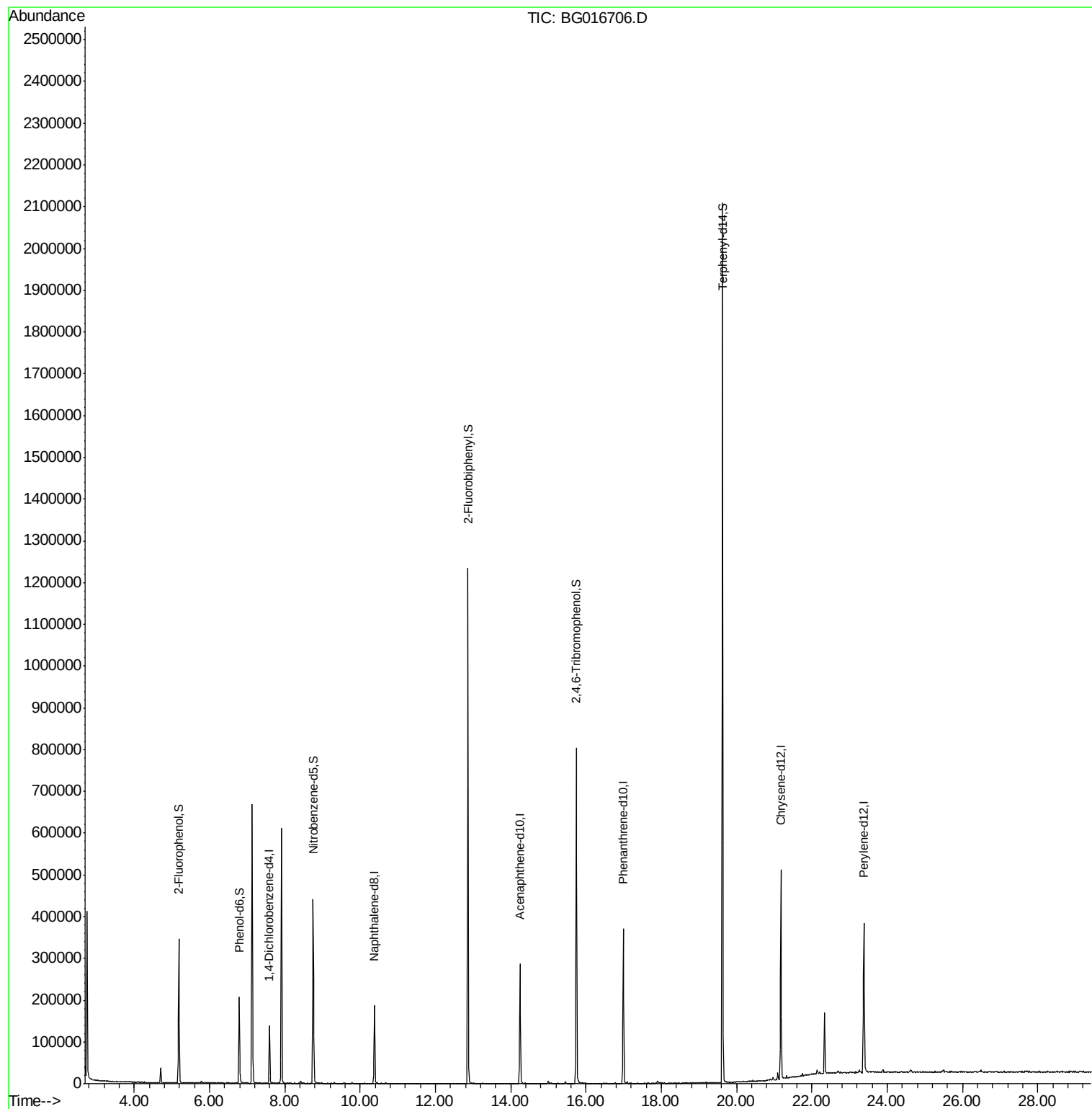
Target Compounds Qvalue

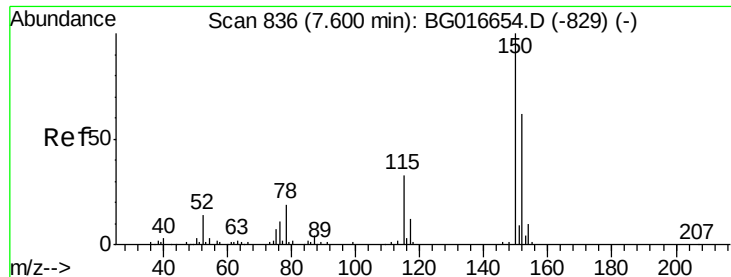
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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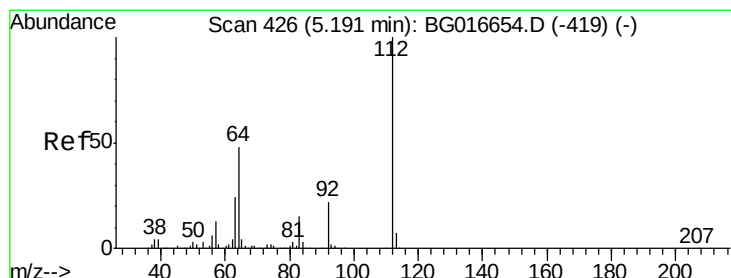
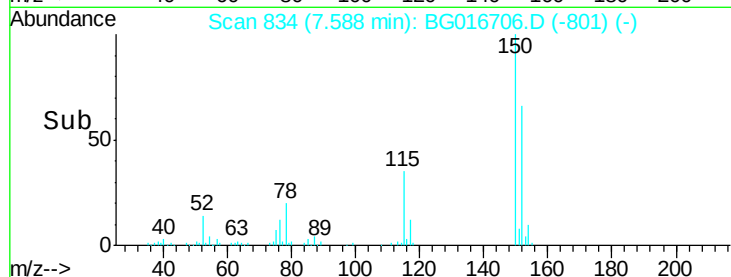
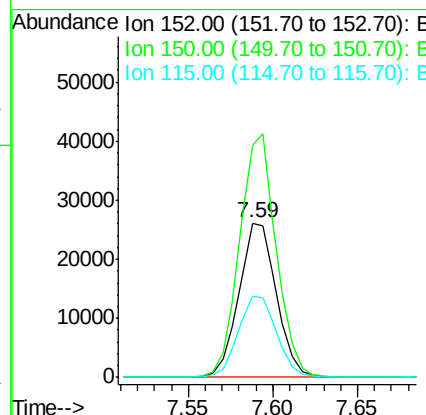
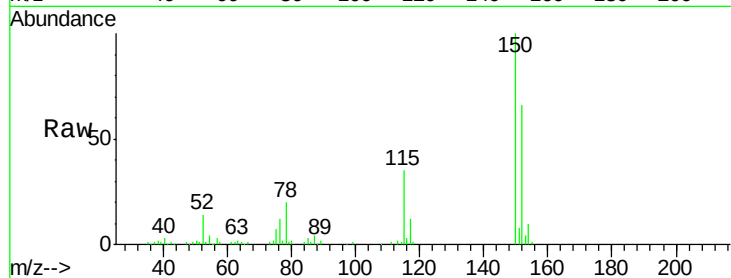


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.59 min Scan# 834
Delta R.T. -0.01 min
Lab File: BG016706.D
Acq: 25 Apr 2015 8:26

Instrument :
BNA_G
ClientSampled :
FB042315

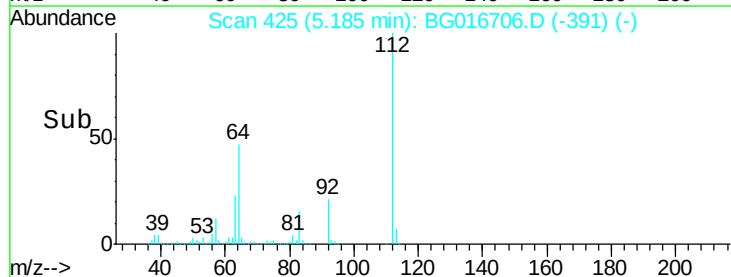
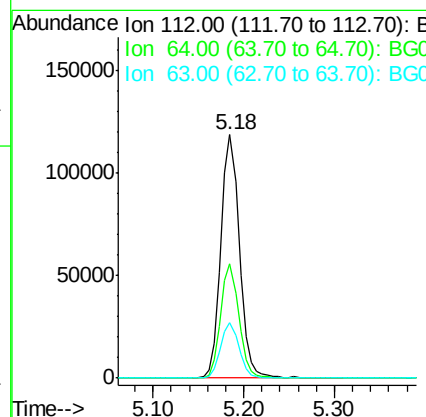
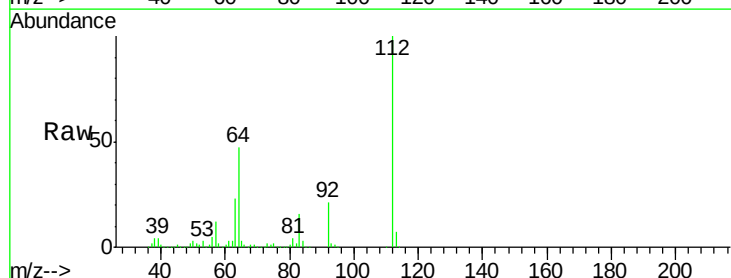
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.0	129.6	194.4
115	52.5	43.0	64.6

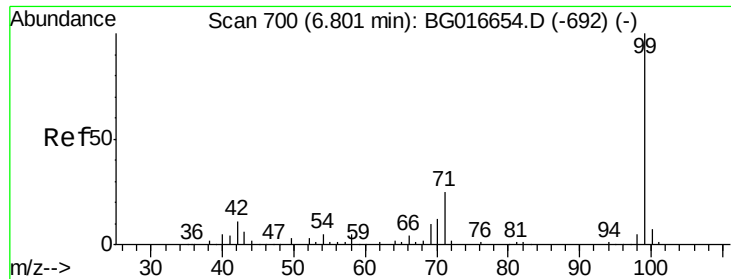


#5

2-Fluorophenol
Concen: 68.12 ng
RT: 5.18 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG016706.D
Acq: 25 Apr 2015 8:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.1	38.3	57.5
63	22.9	18.9	28.3





#7

Phenol-d6

Concen: 40.51 ng

RT: 6.79 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG016706.D

Acq: 25 Apr 2015 8:26

Instrument :

BNA_G

ClientSampleId :

FB042315

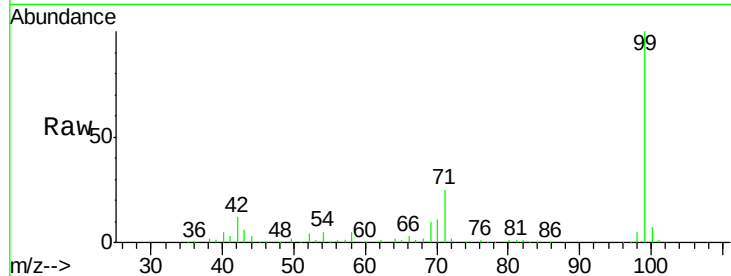
Tot Ion: 99 Resp: 140631

Ion Ratio Lower Upper

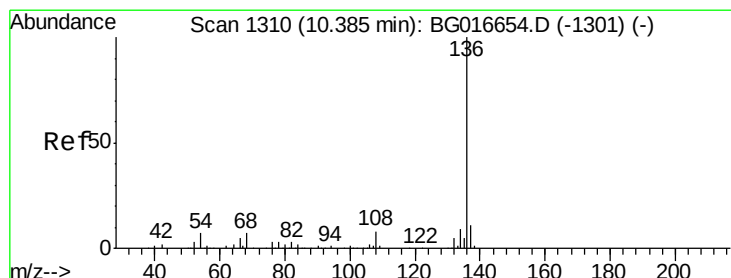
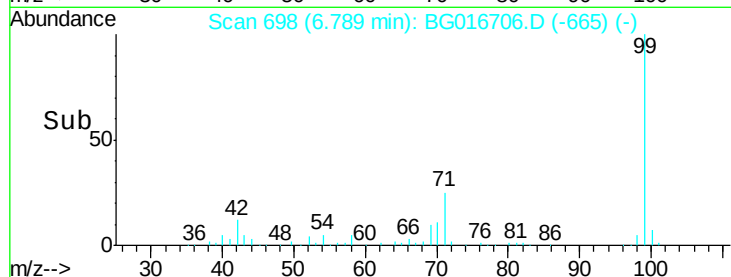
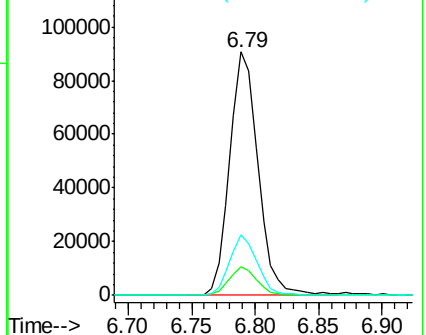
99 100

42 11.9 8.8 13.2

71 24.8 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: BG016706.D

Acq: 25 Apr 2015 8:26

Tgt Ion: 136 Resp: 167495

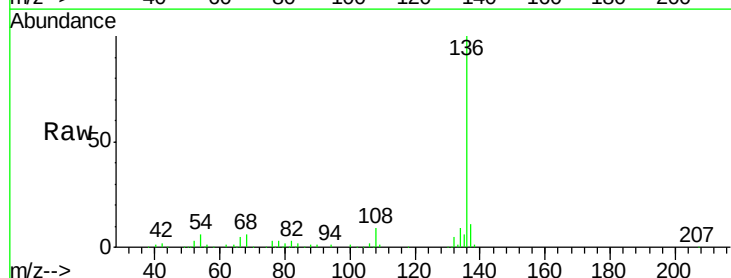
Ion Ratio Lower Upper

136 100

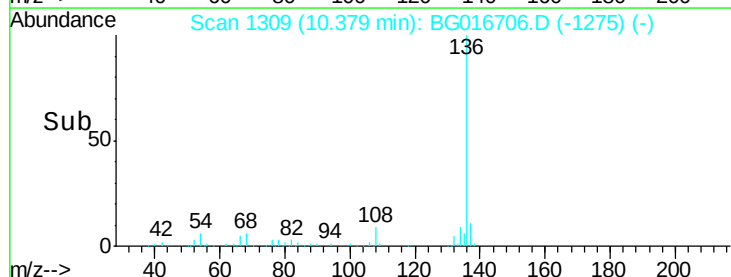
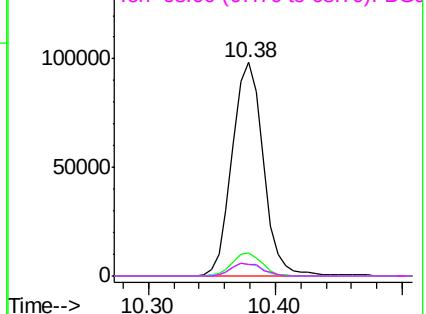
137 10.6 8.5 12.7

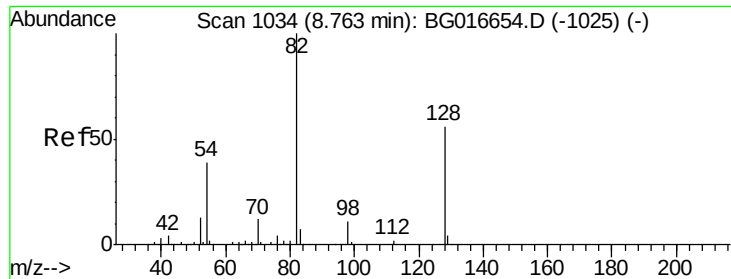
54 5.7 5.4 8.2

68 5.7 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

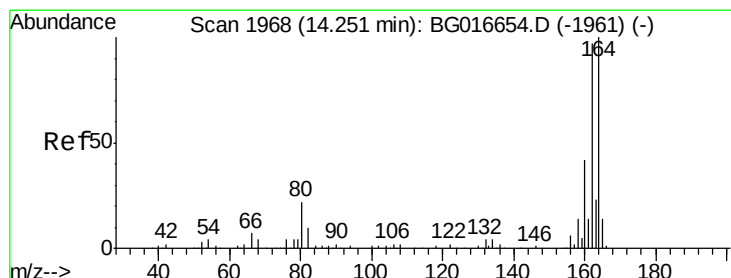
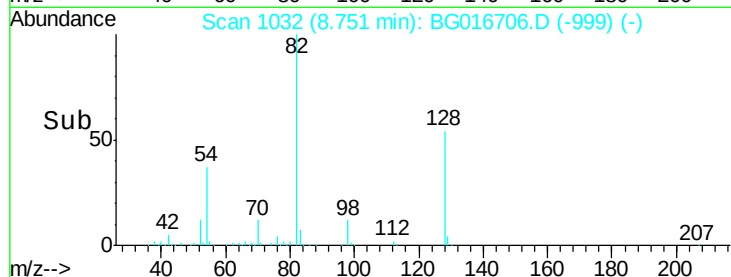
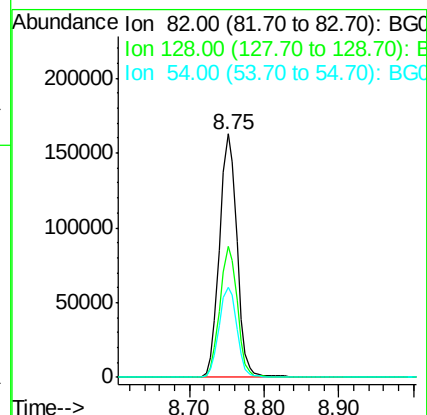
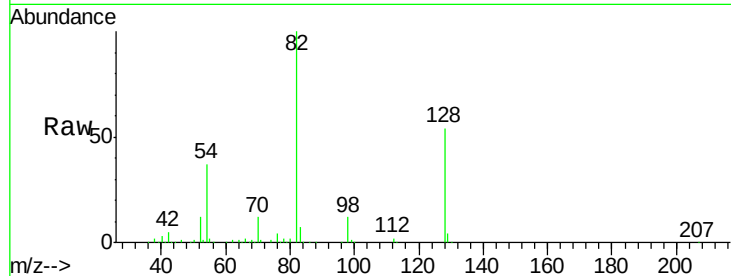




#23
 Nitrobenzene-d5
 Concen: 99.94 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016706.D
 Acq: 25 Apr 2015 8:26

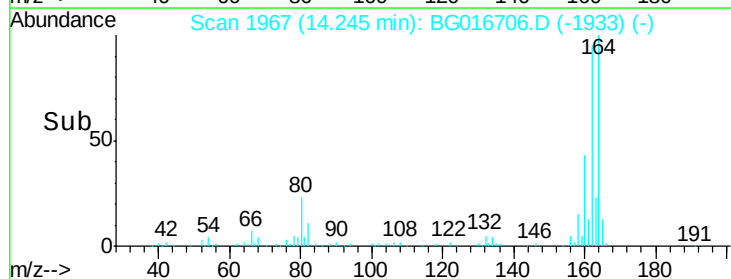
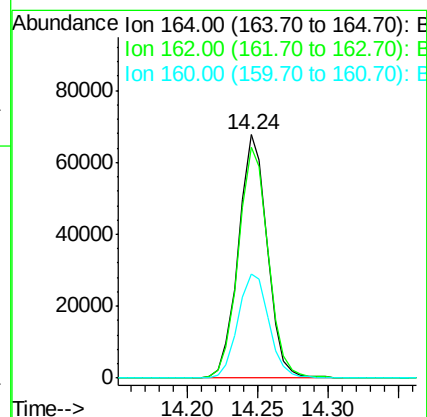
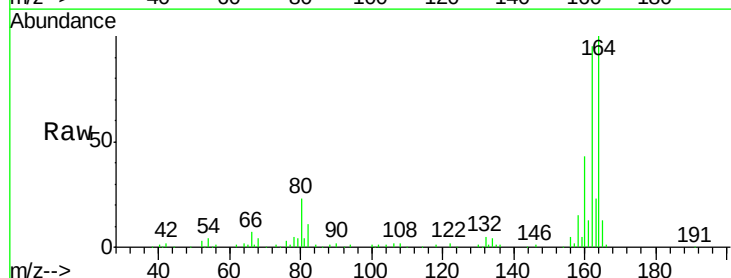
Instrument :
 BNA_G
 ClientSampleId :
 FB042315

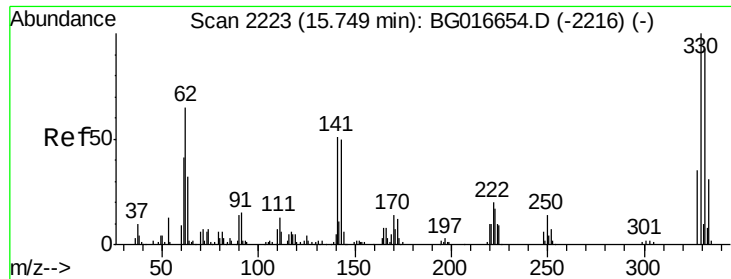
Tot Ion: 82 Resp: 264914
 Ion Ratio Lower Upper
 82 100
 128 53.6 44.7 67.1
 54 37.2 30.9 46.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1967
 Delta R.T. 0.00 min
 Lab File: BG016706.D
 Acq: 25 Apr 2015 8:26

Tgt Ion: 164 Resp: 96657
 Ion Ratio Lower Upper
 164 100
 162 94.9 77.3 115.9
 160 43.0 33.7 50.5

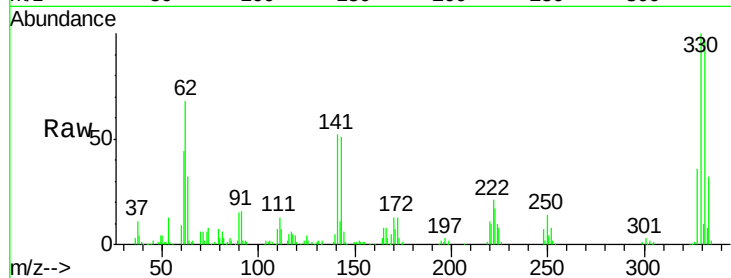




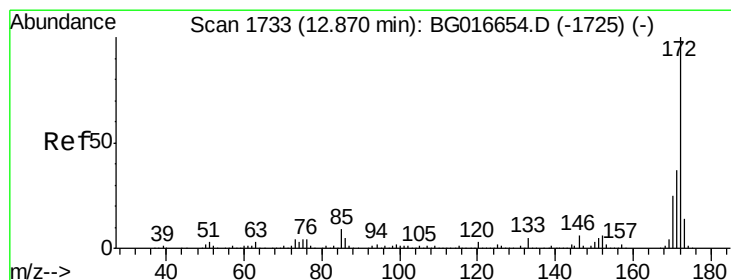
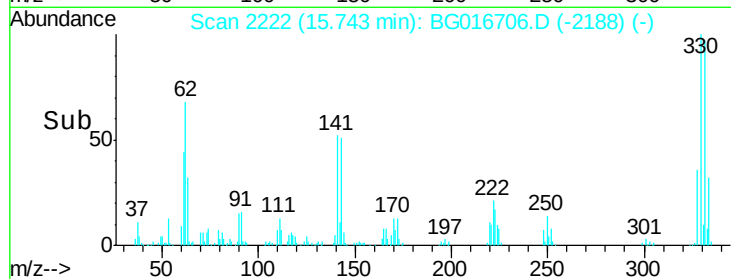
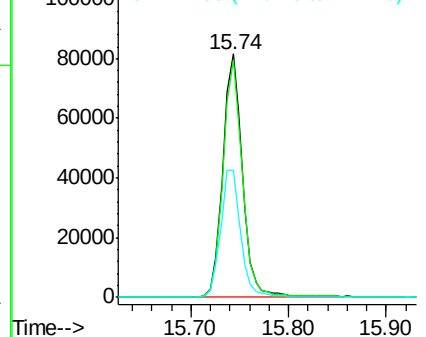
#41
 2,4,6-Tribromophenol
 Concen: 159.60 ng
 RT: 15.74 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BG016706.D
 Acq: 25 Apr 2015 8:26

Instrument :
 BNA_G
 ClientSampleId :
 FB042315

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	76.2	114.4
141	53.4	43.0	64.6

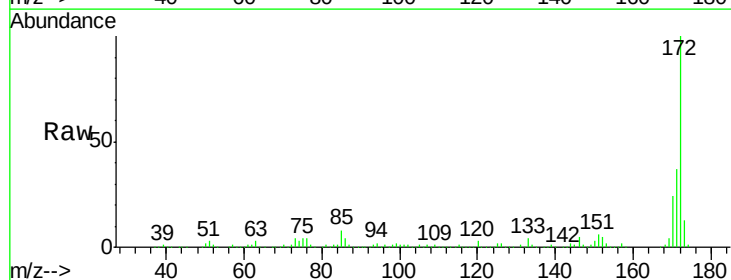


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

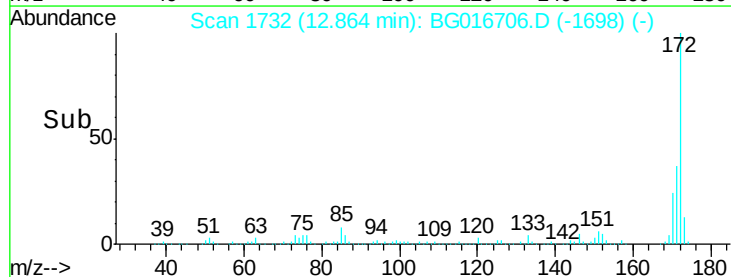
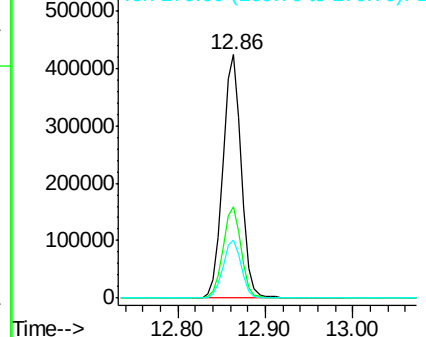


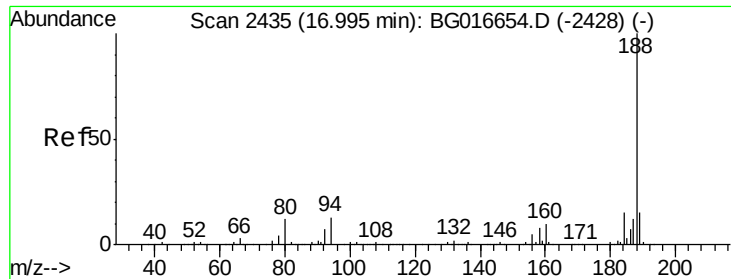
#44
 2-Fluorobiphenyl
 Concen: 102.52 ng
 RT: 12.86 min Scan# 1732
 Delta R.T. 0.00 min
 Lab File: BG016706.D
 Acq: 25 Apr 2015 8:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	23.6	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

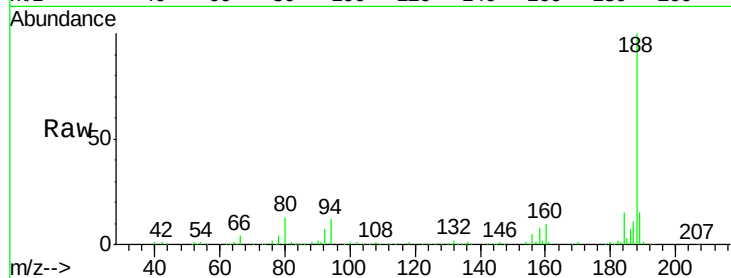




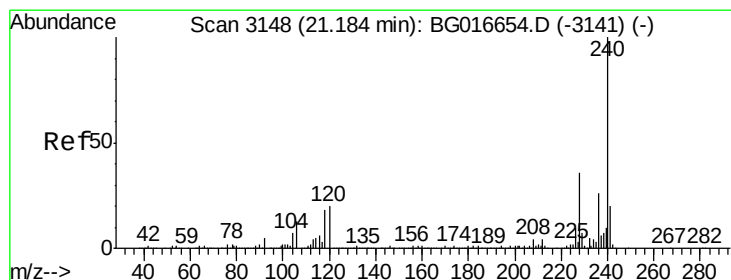
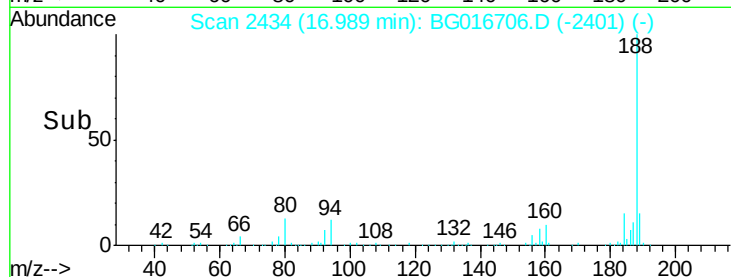
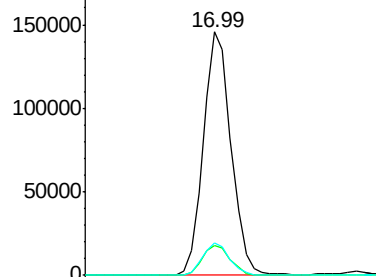
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.99 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG016706.D
Acq: 25 Apr 2015 8:26

Instrument :
BNA_G
ClientSampleId :
FB042315

Tot Ion:188 Resp: 211232
Ion Ratio Lower Upper
188 100
94 12.5 10.7 16.1
80 13.2 9.9 14.9

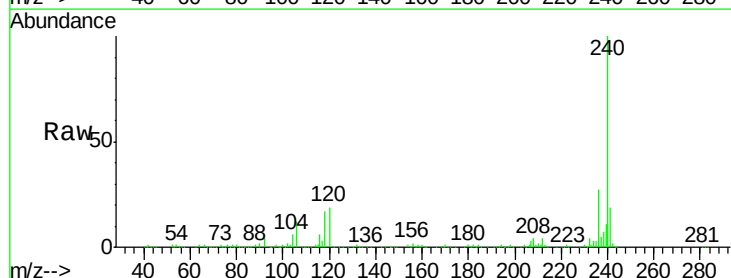


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

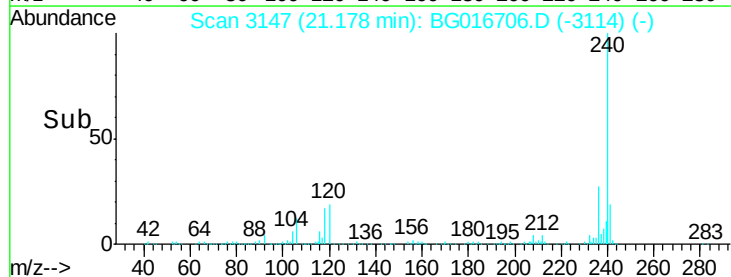
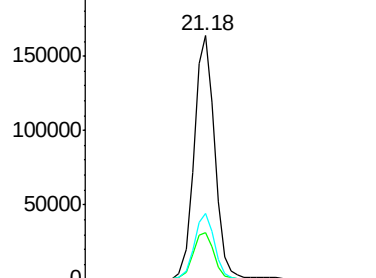


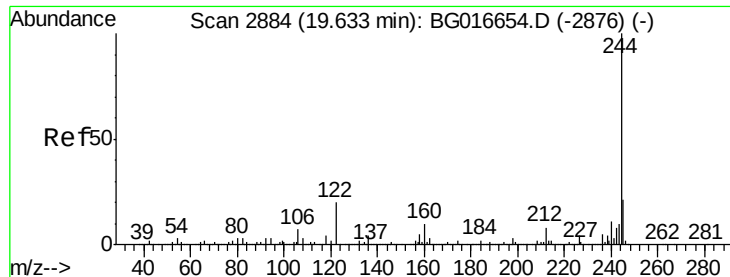
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG016706.D
Acq: 25 Apr 2015 8:26

Tgt Ion:240 Resp: 214327
Ion Ratio Lower Upper
240 100
120 19.2 16.3 24.5
236 27.2 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: 86.57 ng

RT: 19.63 min Scan# 2883

Delta R.T. 0.00 min

Lab File: BG016706.D

Acq: 25 Apr 2015 8:26

Instrument :

BNA_G

ClientSampleId :

FB042315

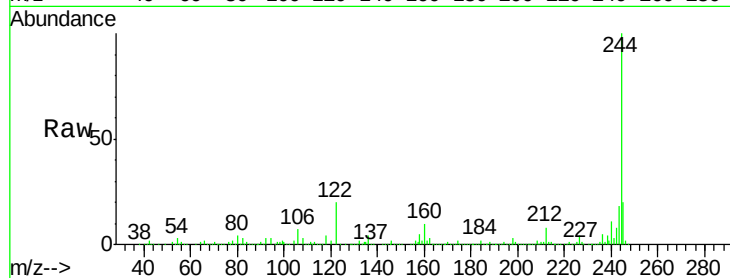
Tot Ion:244 Resp: 805506

Ion Ratio Lower Upper

244 100

212 8.1 6.4 9.6

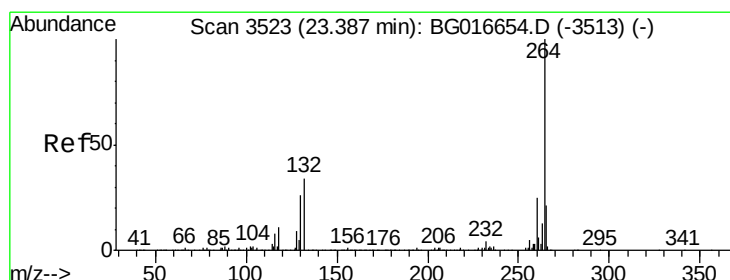
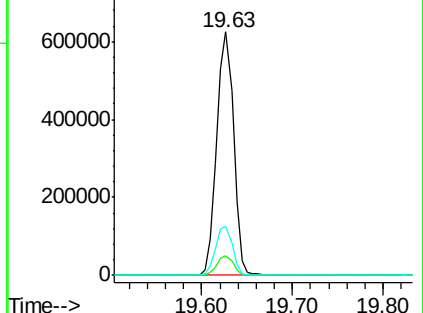
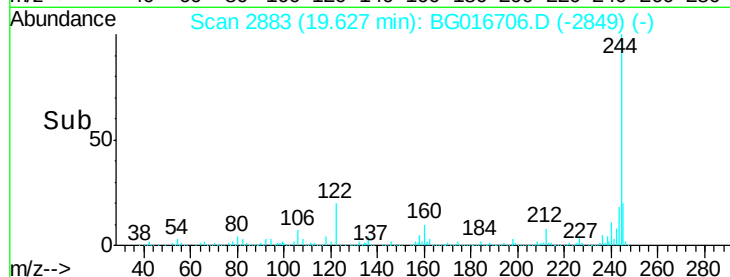
122 20.0 15.9 23.9



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: 23.38 min Scan# 3522

Delta R.T. -0.01 min

Lab File: BG016706.D

Acq: 25 Apr 2015 8:26

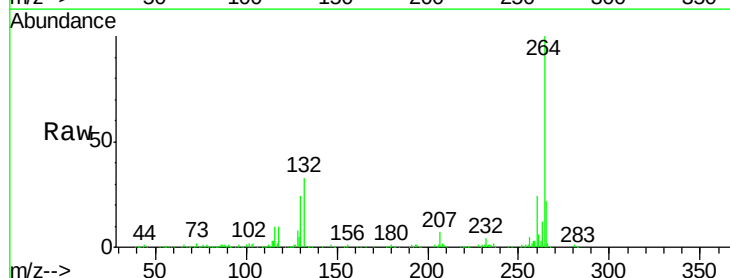
Tgt Ion:264 Resp: 202827

Ion Ratio Lower Upper

264 100

260 24.5 20.0 30.0

265 22.0 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

