

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042315\
 Data File : BG016664.D
 Acq On : 23 Apr 2015 22:02
 Operator : TP/IZ
 Sample : PB82952BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BL

Quant Time: Apr 24 02:26:05 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 23 19:19:11 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	51763	20.00	ng	0.00
21) Naphthalene-d8	10.38	136	211298	20.00	ng	0.00
38) Acenaphthene-d10	14.25	164	115142	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	272886	20.00	ng	0.00
75) Chrysene-d12	21.18	240	289919	20.00	ng	0.00
86) Perylene-d12	23.38	264	263650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	362469	113.63	ng	0.00
7) Phenol-d6	6.80	99	471350	105.33	ng	0.00
23) Nitrobenzene-d5	8.75	82	230019	68.79	ng	0.00
41) 2,4,6-Tribromophenol	15.75	330	92182	107.92	ng	0.00
44) 2-Fluorobiphenyl	12.87	172	522643	72.93	ng	0.00
78) Terphenyl-d14	19.63	244	799896	63.56	ng	0.00

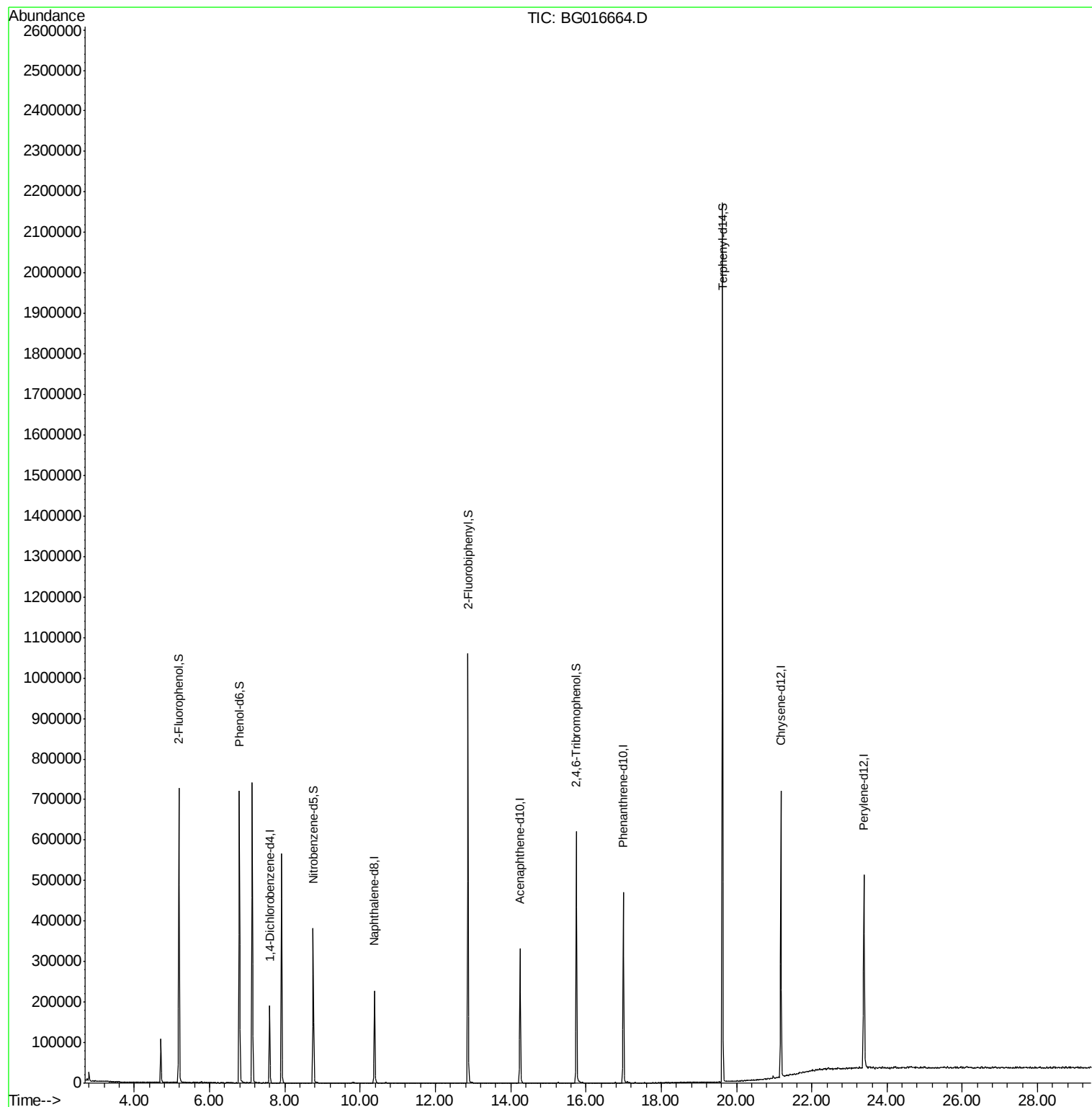
Target Compounds Qvalue

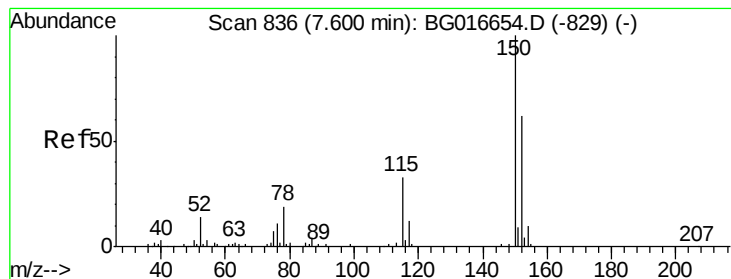
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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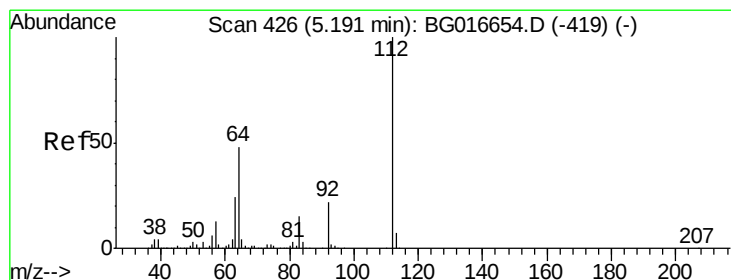
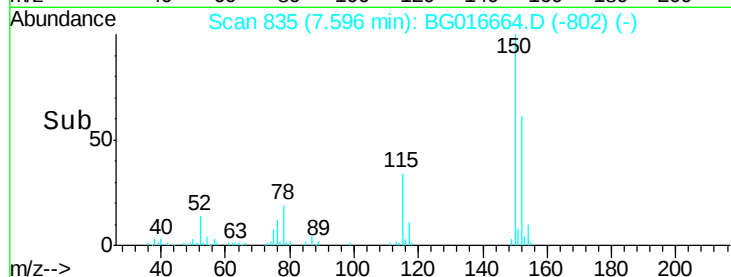
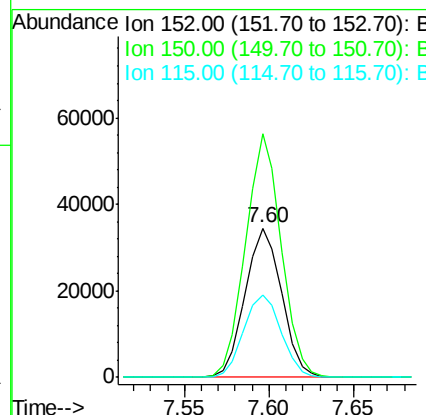
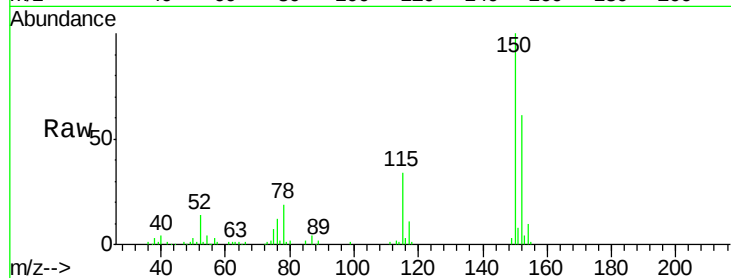


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.60 min Scan# 835
Delta R.T. -0.00 min
Lab File: BG016664.D
Acq: 23 Apr 2015 22:02

Instrument :
BNA_G
ClientSampleId :
PB82952BL

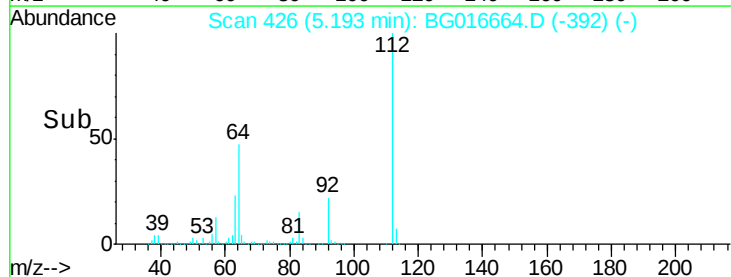
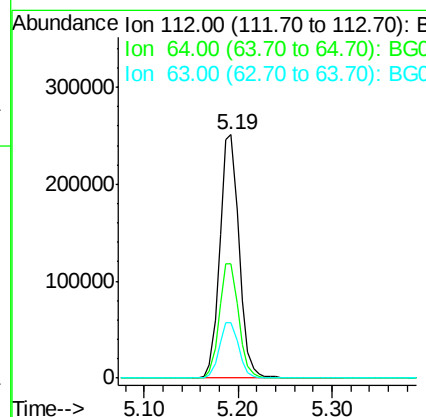
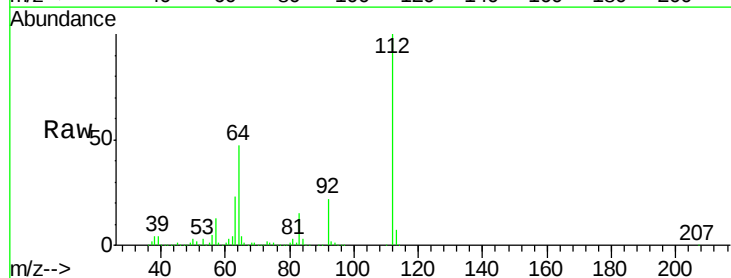
Tot Ion	152	Resp	51763
Ion Ratio	Lower	Upper	
152	100		
150	163.5	129.6	194.4
115	55.3	43.0	64.6



#5

2-Fluorophenol
Concen: 113.63 ng
RT: 5.19 min Scan# 426
Delta R.T. 0.00 min
Lab File: BG016664.D
Acq: 23 Apr 2015 22:02

Tgt Ion	112	Resp	362469
Ion Ratio	Lower	Upper	
112	100		
64	47.0	38.3	57.5
63	22.7	18.9	28.3





#7

Phenol-d6

Concen: 105.33 ng

RT: 6.80 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG016664.D

Acq: 23 Apr 2015 22:02

Instrument :

BNA_G

ClientSampleId :

PB82952BL

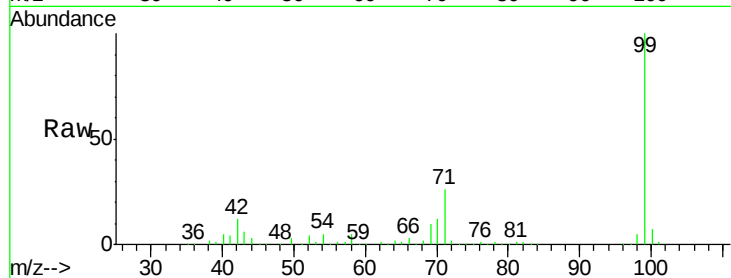
Tot Ion: 99 Resp: 471350

Ion Ratio Lower Upper

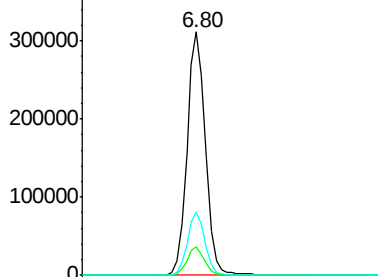
99 100

42 11.6 8.8 13.2

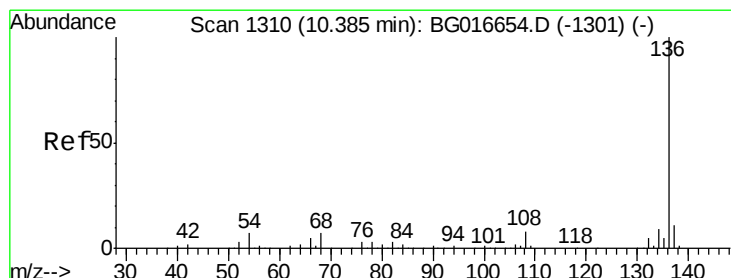
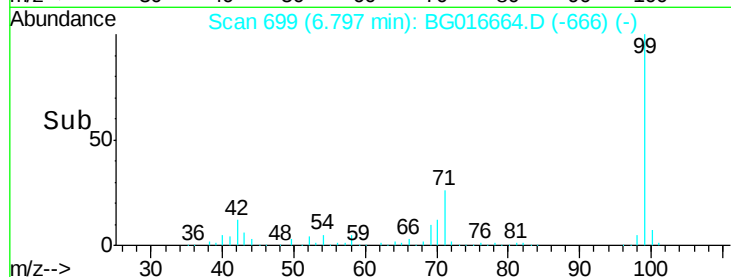
71 25.9 19.9 29.9



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG016664.D

Acq: 23 Apr 2015 22:02

Tgt Ion: 136 Resp: 211298

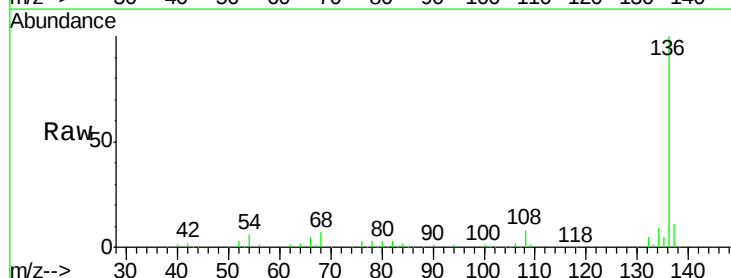
Ion Ratio Lower Upper

136 100

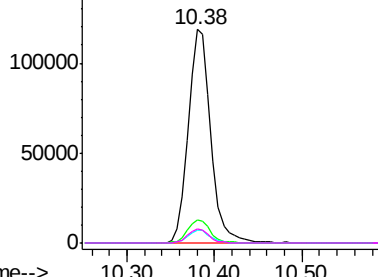
137 10.9 8.5 12.7

54 6.0 5.4 8.2

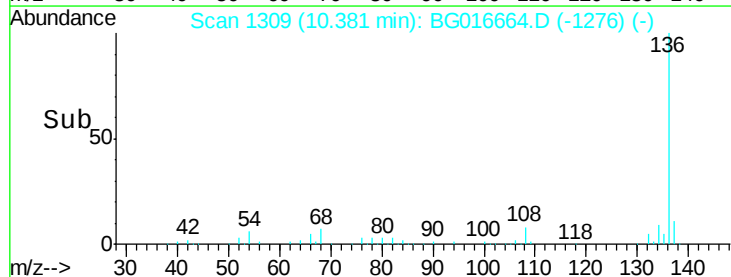
68 6.5 5.2 7.8



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



Time-->

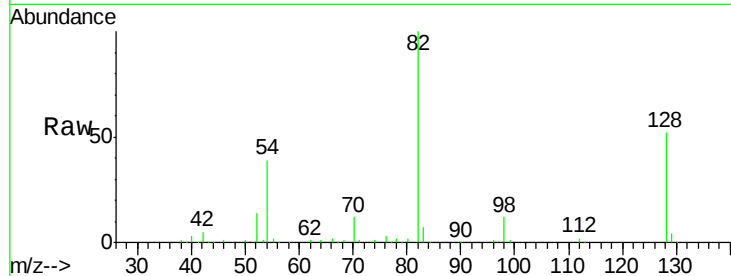




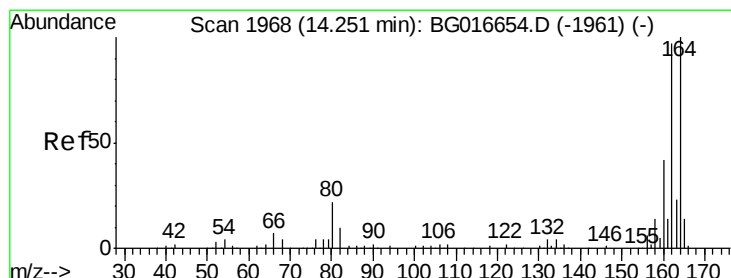
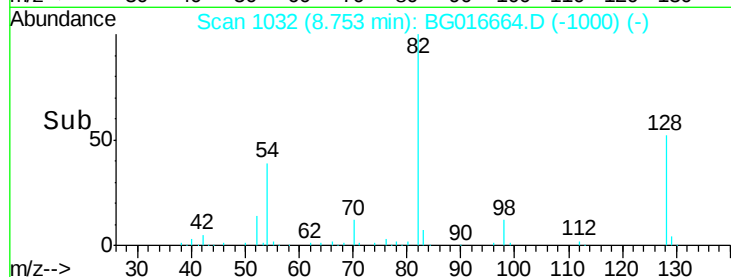
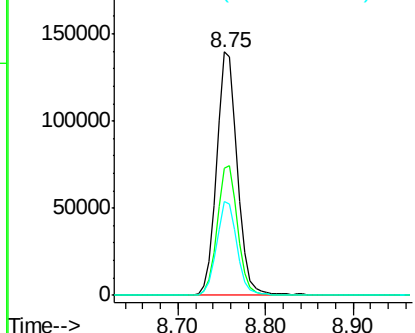
#23
 Nitrobenzene-d5
 Concen: 68.79 ng
 RT: 8.75 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BG016664.D
 Acq: 23 Apr 2015 22:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BL

Tot Ion	82	Resp	230019
Ion Ratio	100	Lower	Upper
128	52.0	44.7	67.1
54	38.7	30.9	46.3

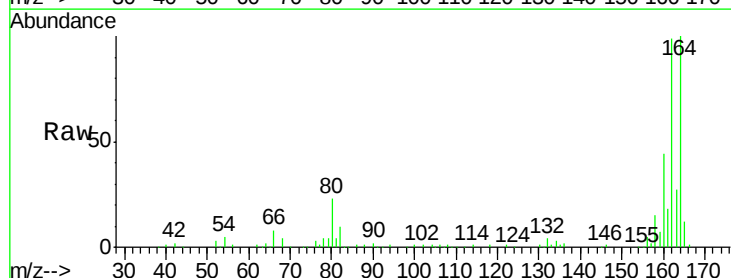


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

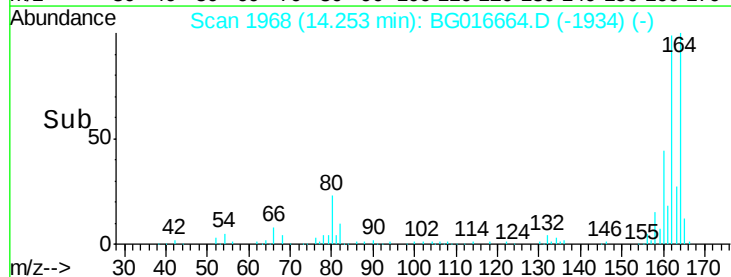
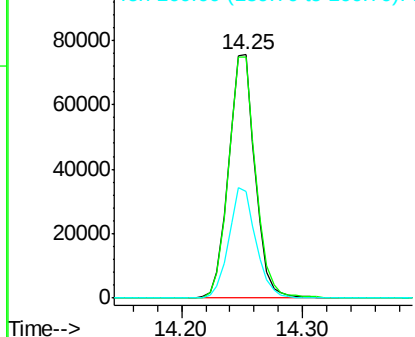


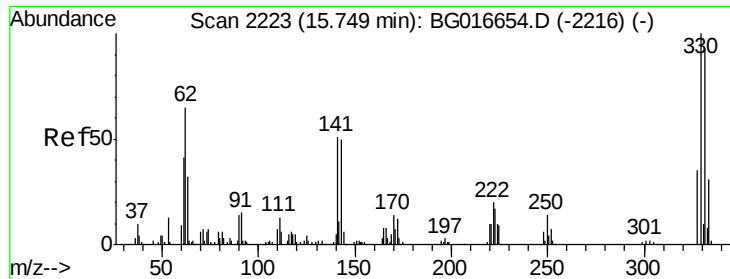
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.25 min Scan# 1968
 Delta R.T. 0.00 min
 Lab File: BG016664.D
 Acq: 23 Apr 2015 22:02

Tgt Ion	164	Resp	115142
Ion Ratio	100	Lower	Upper
162	98.9	77.3	115.9
160	43.6	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

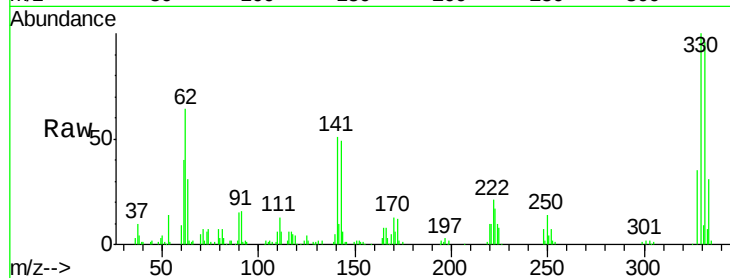




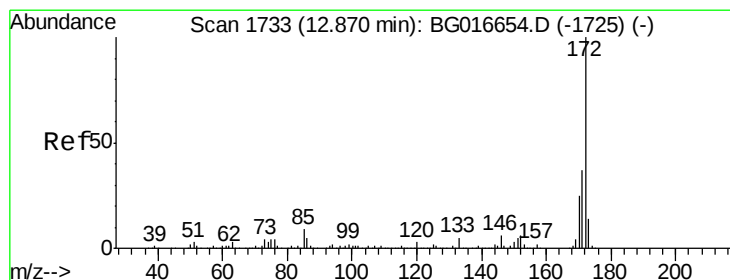
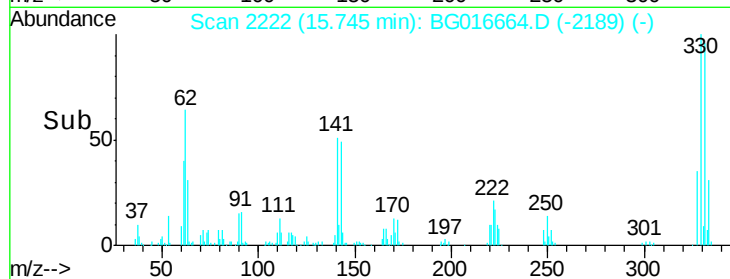
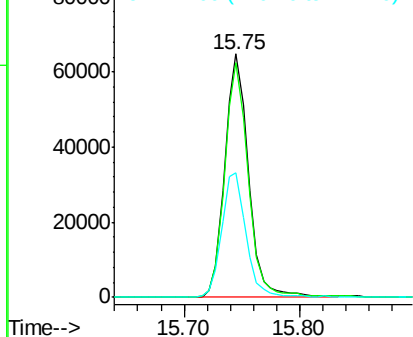
#41
 2,4,6-Tribromophenol
 Concen: 107.92 ng
 RT: 15.75 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BG016664.D
 Acq: 23 Apr 2015 22:02

Instrument :
 BNA_G
 ClientSampleId :
 PB82952BL

Tot Ion:330 Resp: 92182
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.2 114.4
 141 52.6 43.0 64.6

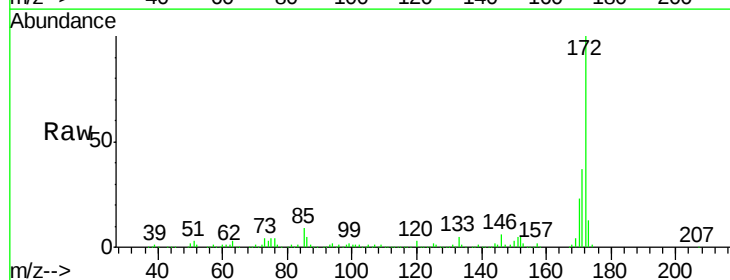


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

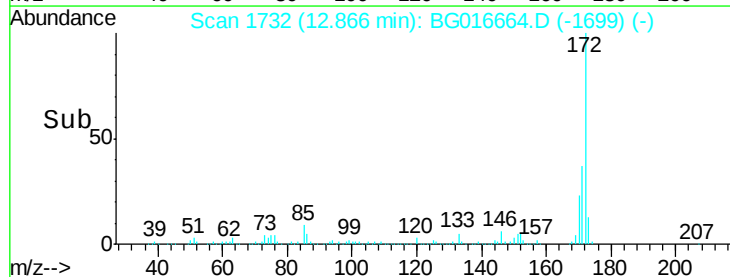
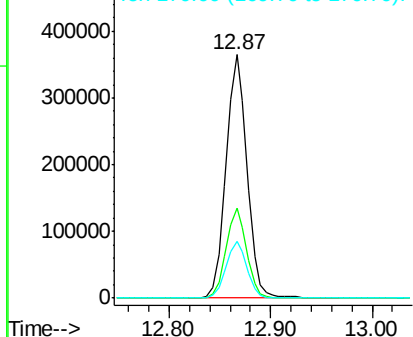


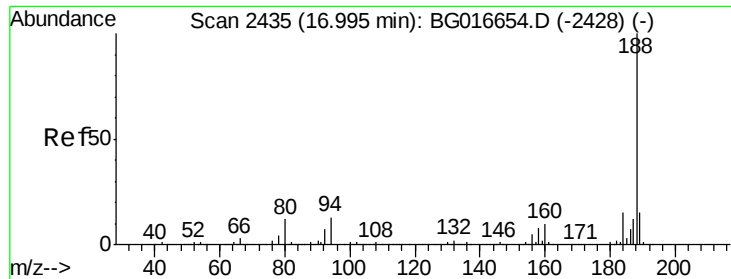
#44
 2-Fluorobiphenyl
 Concen: 72.93 ng
 RT: 12.87 min Scan# 1732
 Delta R.T. -0.00 min
 Lab File: BG016664.D
 Acq: 23 Apr 2015 22:02

Tgt Ion:172 Resp: 522643
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.9 44.9
 170 23.5 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

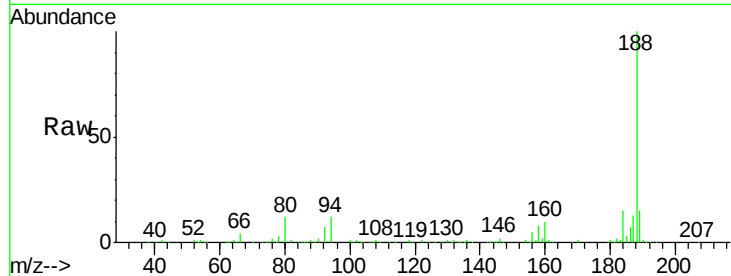




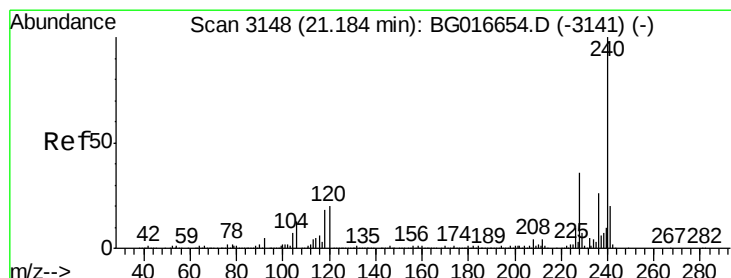
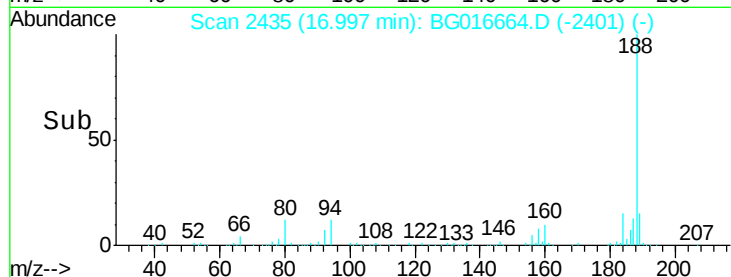
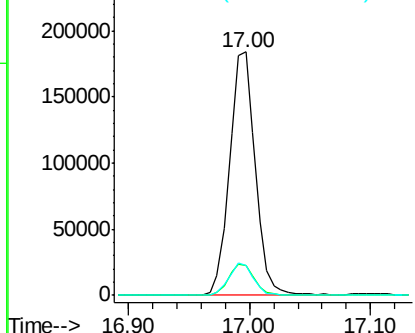
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BG016664.D
Acq: 23 Apr 2015 22:02

Instrument :
BNA_G
ClientSampleId :
PB82952BL

Tot Ion:188 Resp: 272886
Ion Ratio Lower Upper
188 100
94 12.3 10.7 16.1
80 12.4 9.9 14.9

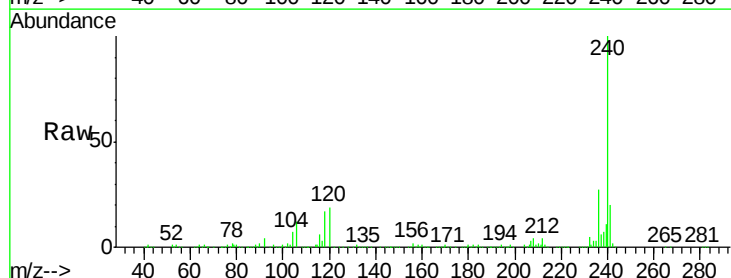


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

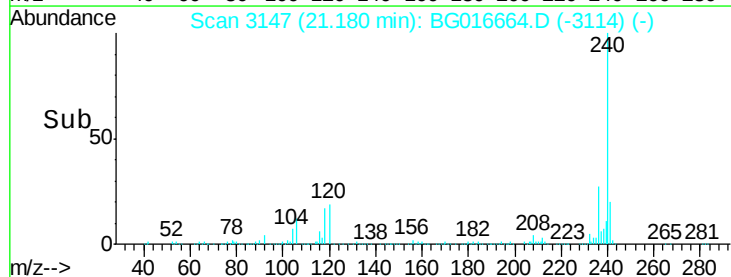
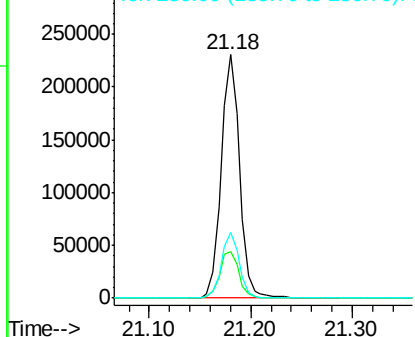


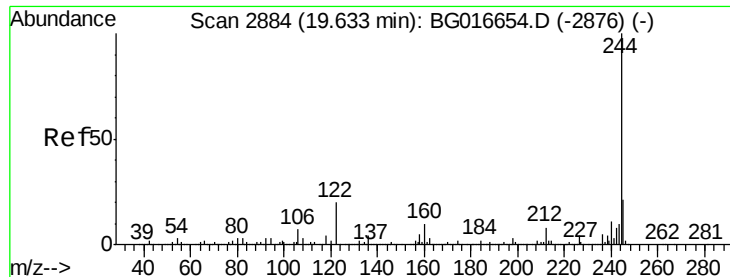
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.18 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG016664.D
Acq: 23 Apr 2015 22:02

Tgt Ion:240 Resp: 289919
Ion Ratio Lower Upper
240 100
120 19.1 16.3 24.5
236 26.8 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: 63.56 ng

RT: 19.63 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG016664.D

Acq: 23 Apr 2015 22:02

Instrument :

BNA_G

ClientSampleId :

PB82952BL

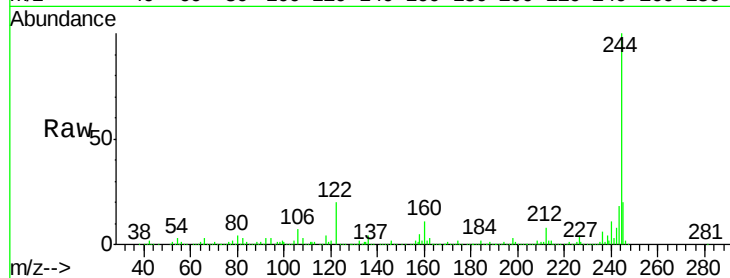
Tot Ion:244 Resp: 799896

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

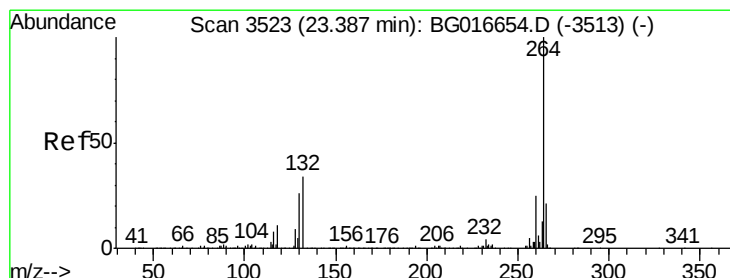
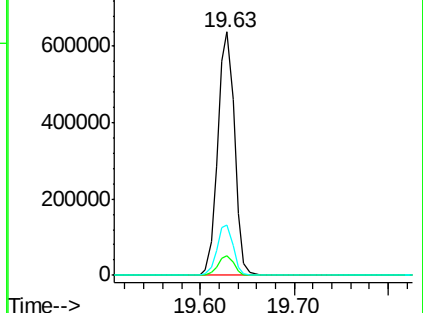
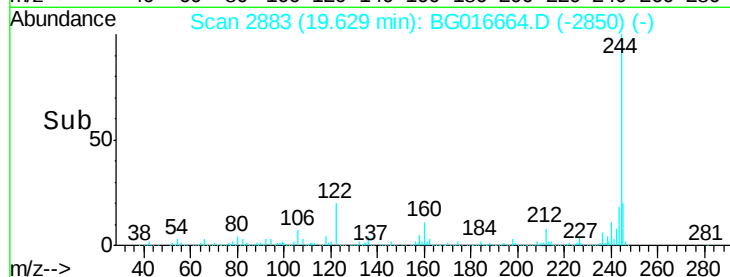
122 20.4 15.9 23.9



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. -0.00 min

Lab File: BG016664.D

Acq: 23 Apr 2015 22:02

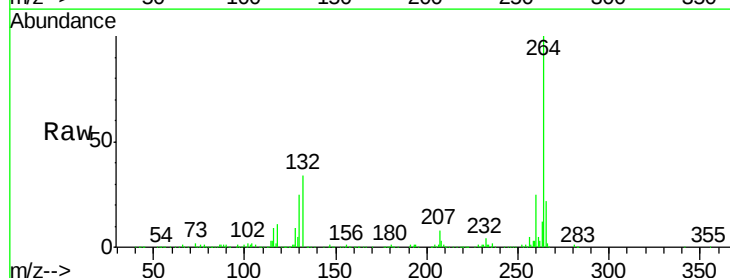
Tgt Ion:264 Resp: 263650

Ion Ratio Lower Upper

264 100

260 25.0 20.0 30.0

265 21.7 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

