

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040915\
 Data File : BG016309.D
 Acq On : 10 Apr 2015 3:46
 Operator : TP/IZ
 Sample : PB82581TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

Quant Time: Apr 10 04:50:12 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	7.70	152	60149	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	275305	20.00	ng	0.00
38) Acenaphthene-d10	14.34	164	159284	20.00	ng	0.00
63) Phenanthrene-d10	17.08	188	345597	20.00	ng	0.00
75) Chrysene-d12	21.26	240	301288	20.00	ng	0.00
86) Perylene-d12	23.50	264	280327	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	570534	149.70	ng	0.00
7) Phenol-d6	6.89	99	825181	144.23	ng	0.01
23) Nitrobenzene-d5	8.85	82	399575	84.08	ng	0.00
41) 2,4,6-Tribromophenol	15.83	330	154988	143.88	ng	0.00
44) 2-Fluorobiphenyl	12.95	172	842210	90.02	ng	0.00
78) Terphenyl-d14	19.71	244	1063922	82.65	ng	0.00

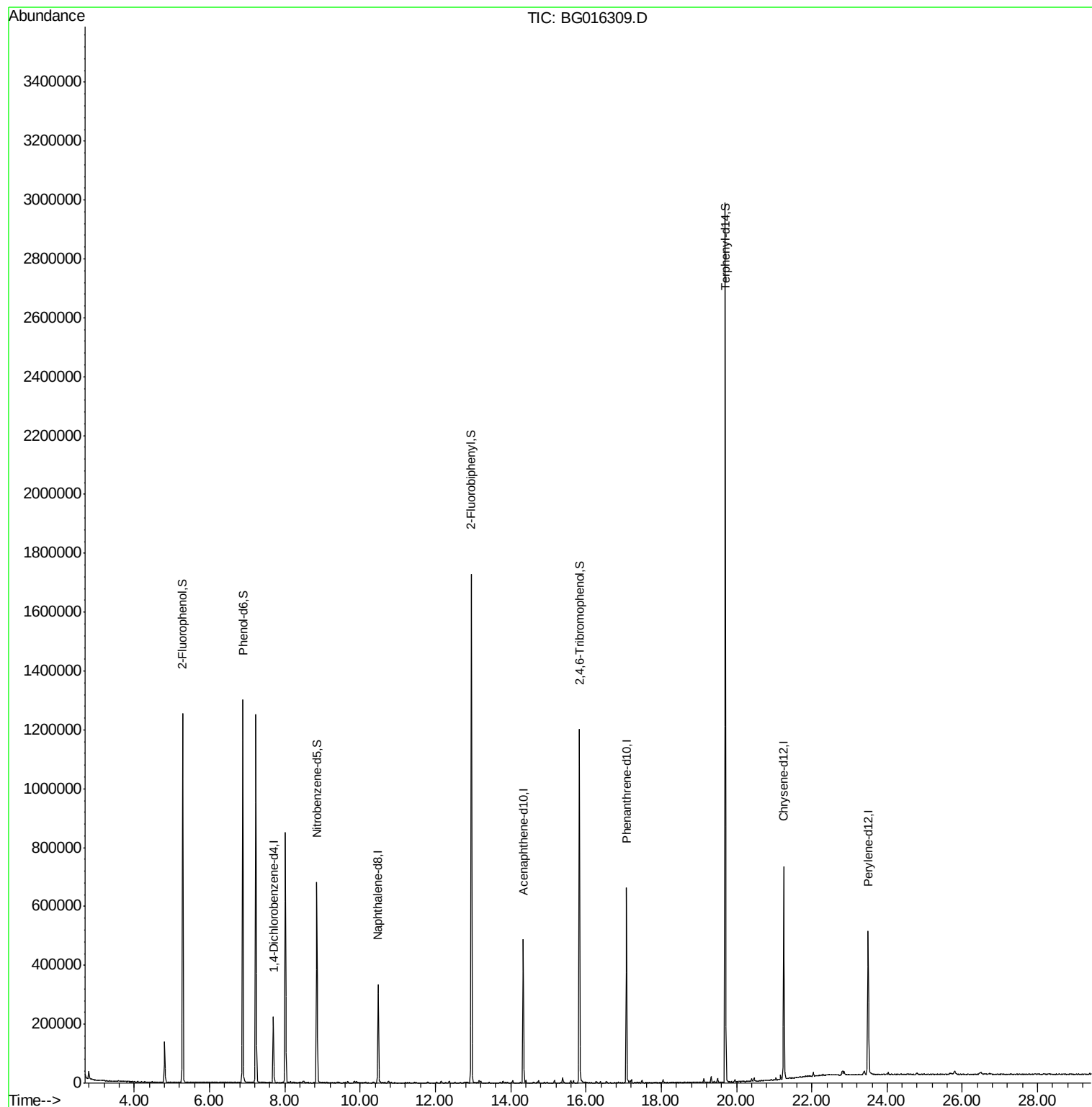
Target Compounds Qvalue

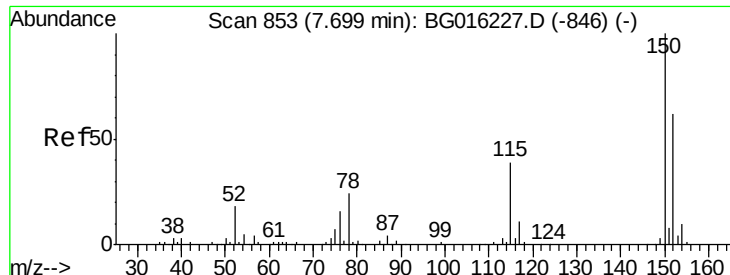
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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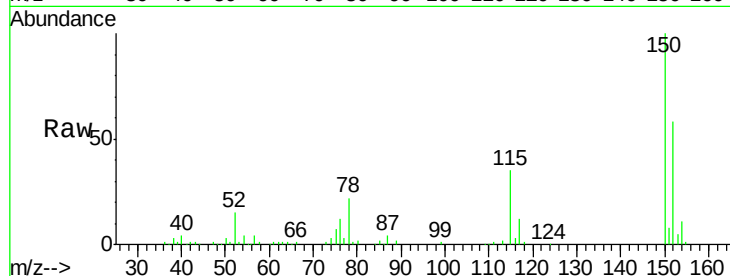


#1

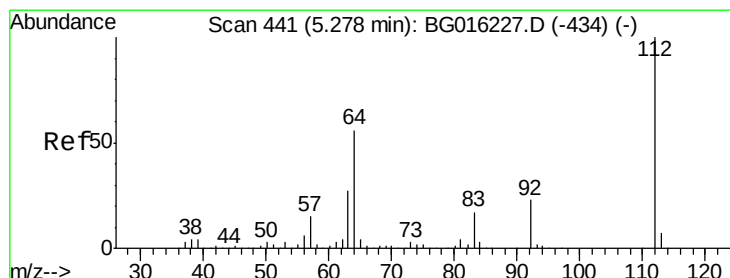
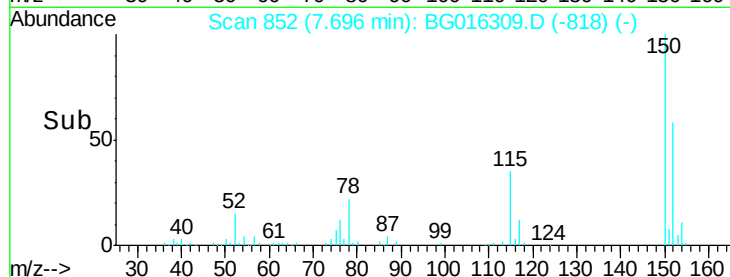
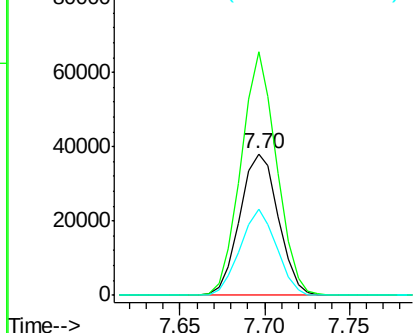
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.70 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

Tot Ion:152 Resp: 60149
 Ion Ratio Lower Upper
 152 100
 150 172.4 130.1 195.1
 115 61.0 50.5 75.7



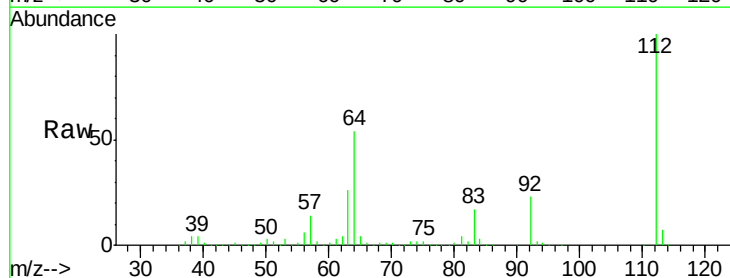
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



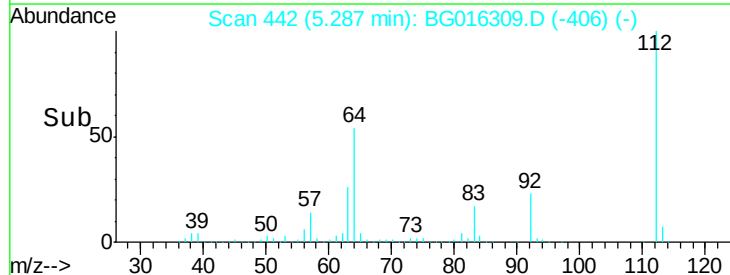
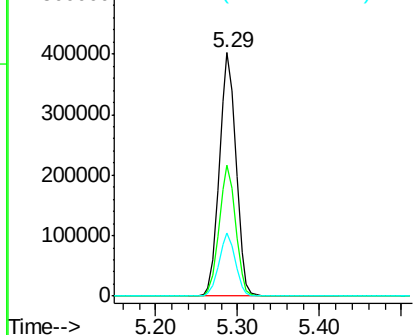
#5

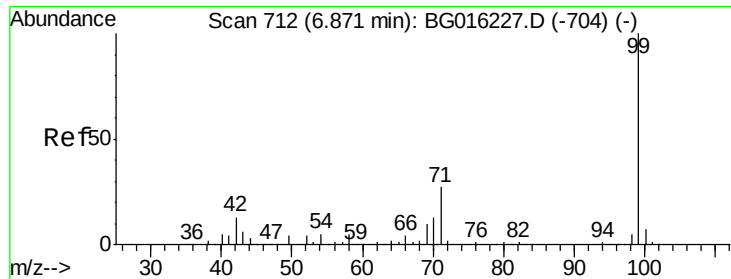
2-Fluorophenol
 Concen: 149.70 ng
 RT: 5.29 min Scan# 442
 Delta R.T. 0.01 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Tgt Ion:112 Resp: 570534
 Ion Ratio Lower Upper
 112 100
 64 53.7 44.5 66.7
 63 25.9 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: 144.23 ng

RT: 6.89 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Instrument :

BNA_G

ClientSampleId :

PB82581TB

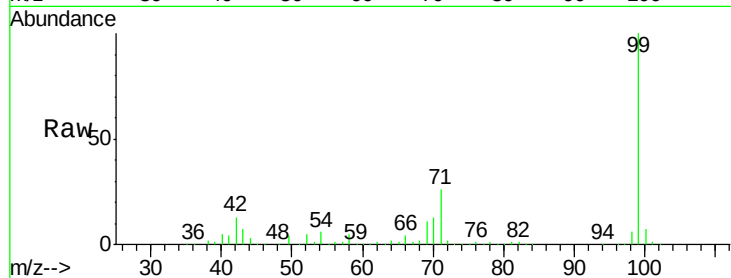
Tot Ion: 99 Resp: 825181

Ion Ratio Lower Upper

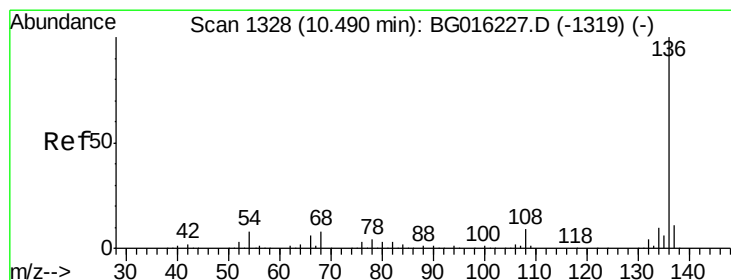
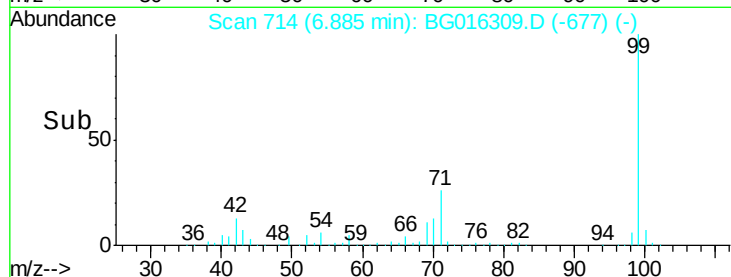
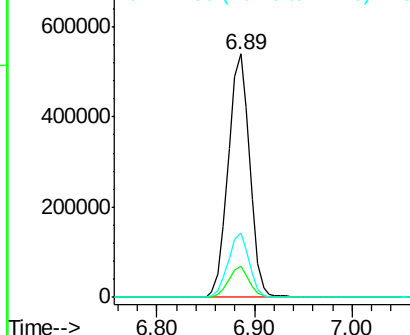
99 100

42 12.7 10.0 15.0

71 26.4 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: BG016309.D

Acq: 10 Apr 2015 3:46

Tgt Ion: 136 Resp: 275305

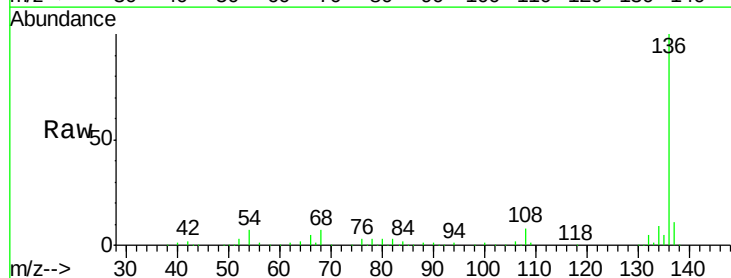
Ion Ratio Lower Upper

136 100

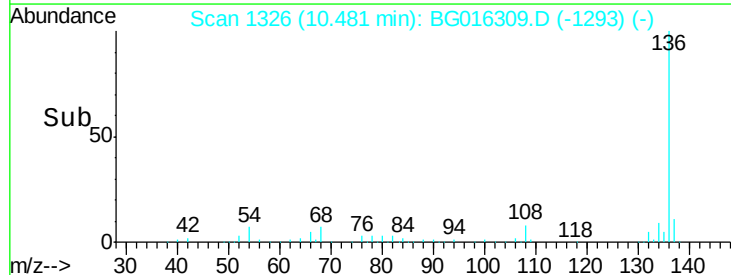
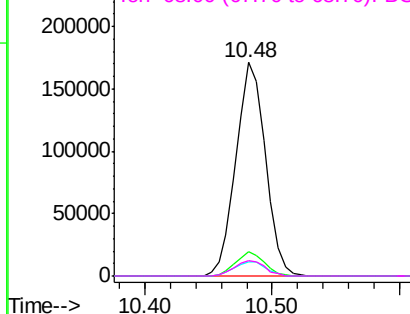
137 11.1 8.7 13.1

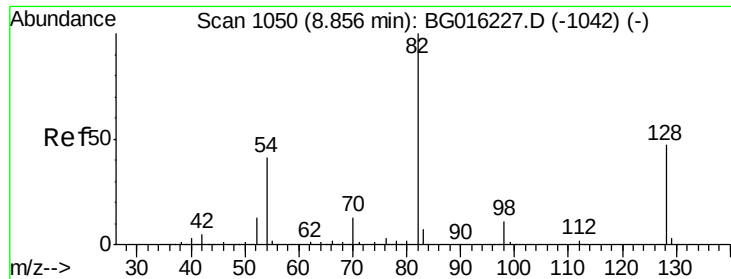
54 6.9 6.3 9.5

68 7.3 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

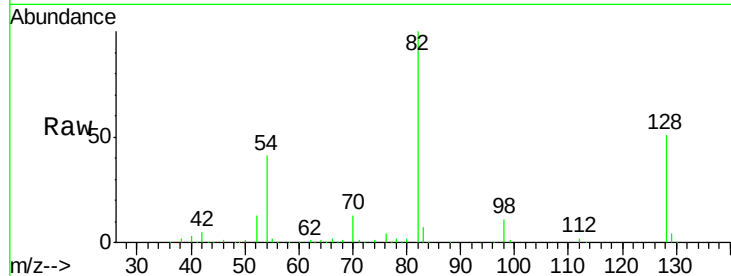




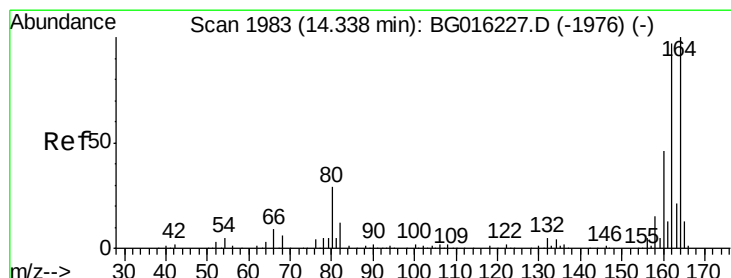
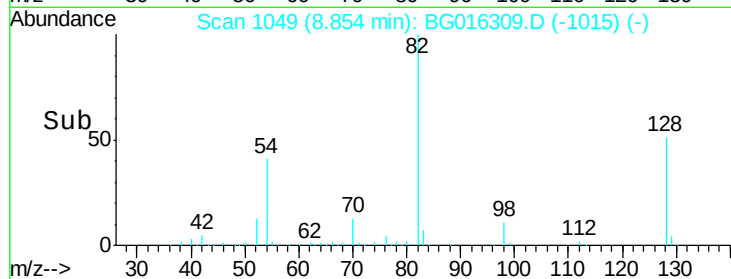
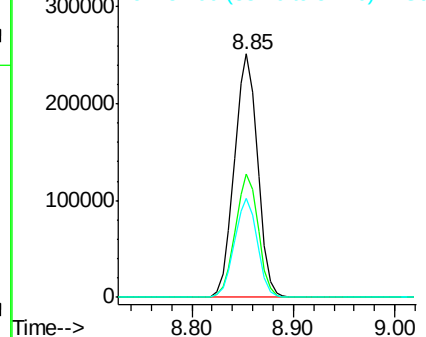
#23
 Nitrobenzene-d5
 Concen: 84.08 ng
 RT: 8.85 min Scan# 1049
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

Tot Ion	82	Resp	399575
Ion Ratio	100	Lower	Upper
128	50.7	37.8	56.8
54	40.9	32.6	49.0

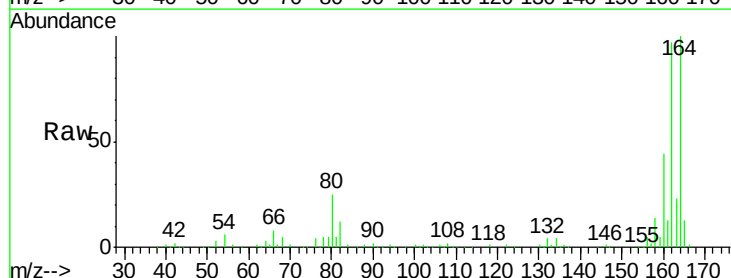


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

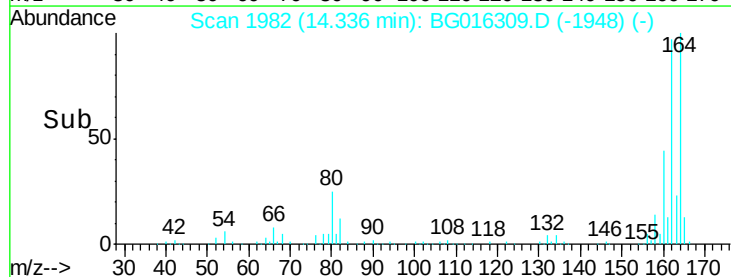
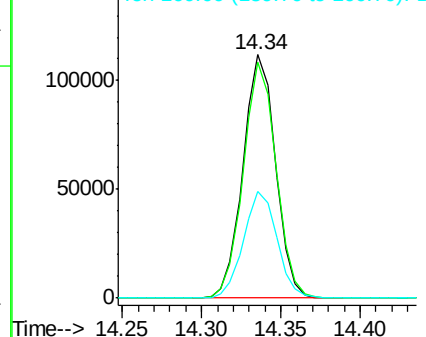


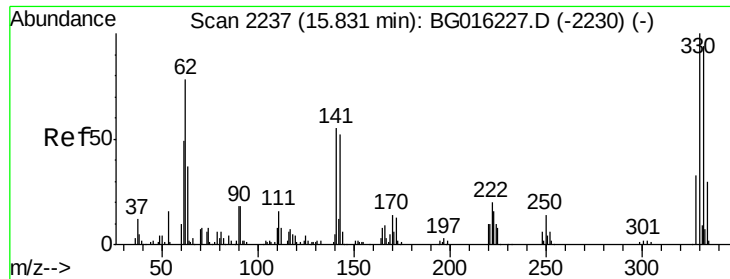
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.34 min Scan# 1982
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Tgt Ion	164	Resp	159284
Ion Ratio	100	Lower	Upper
162	96.7	77.3	115.9
160	43.9	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

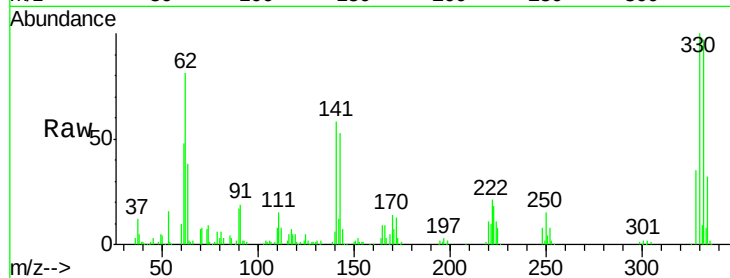




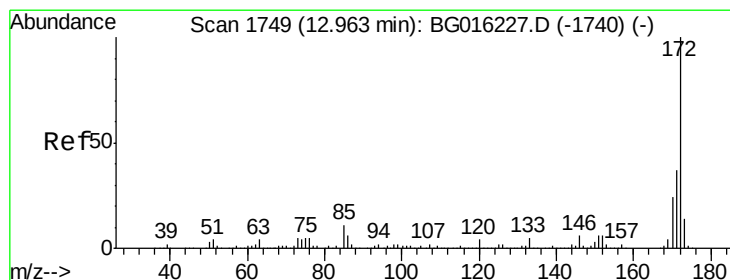
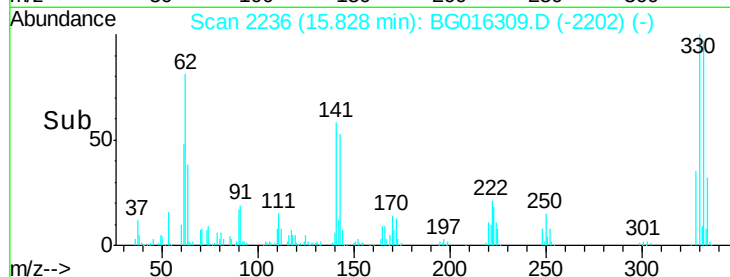
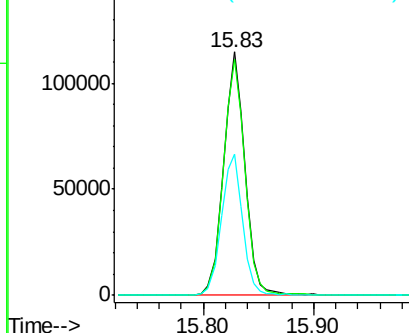
#41
 2,4,6-Tribromophenol
 Concen: 143.88 ng
 RT: 15.83 min Scan# 2236
 Delta R.T. -0.00 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Instrument :
 BNA_G
 ClientSampleId :
 PB82581TB

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	75.8	113.6
141	57.7	46.6	69.8

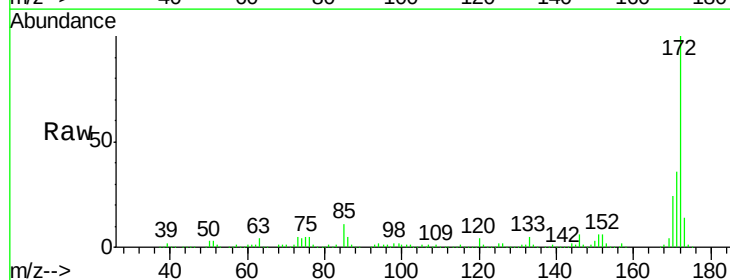


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

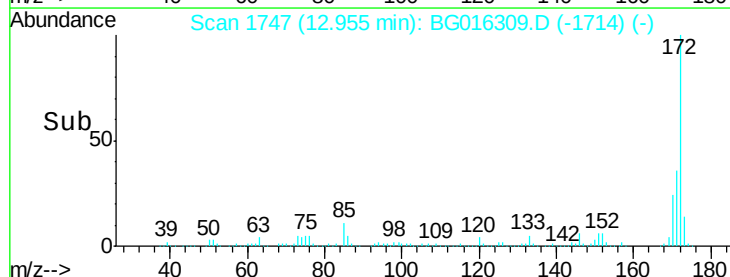
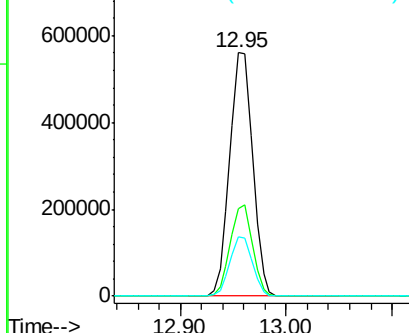


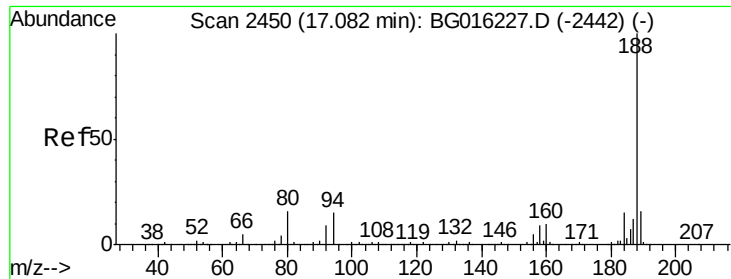
#44
 2-Fluorobiphenyl
 Concen: 90.02 ng
 RT: 12.95 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG016309.D
 Acq: 10 Apr 2015 3:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.3	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

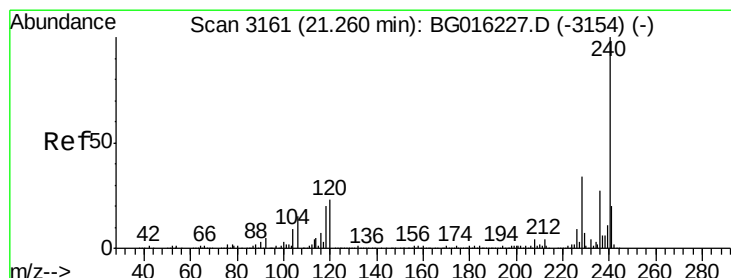
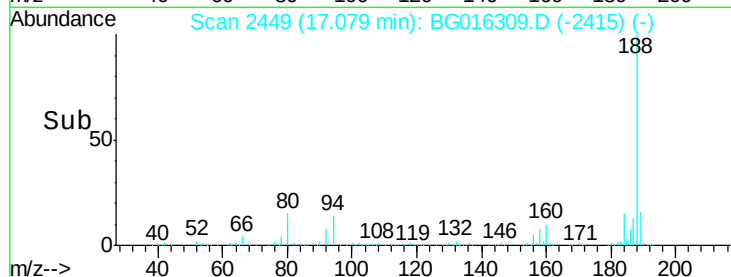
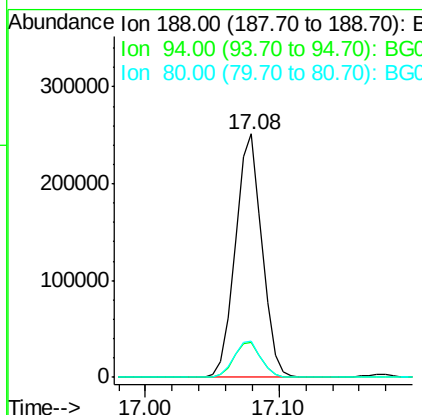
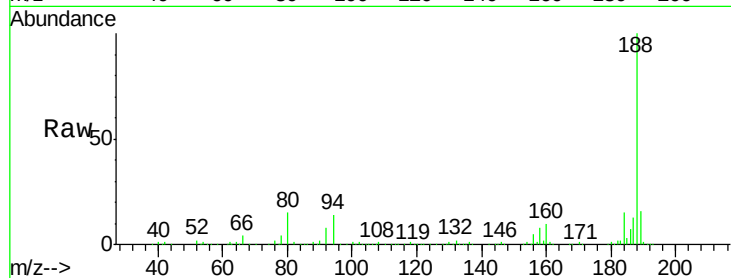




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.08 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG016309.D
Acq: 10 Apr 2015 3:46

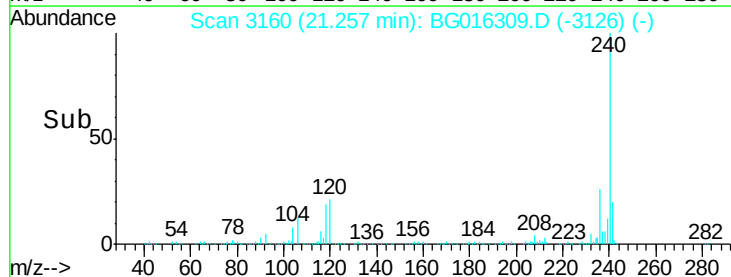
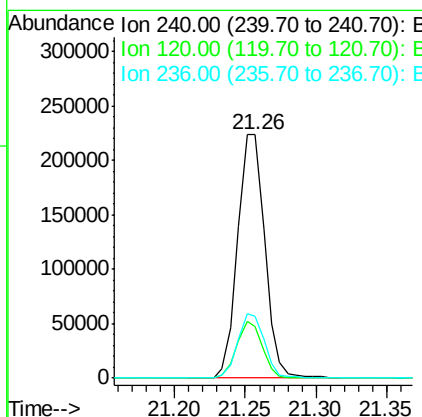
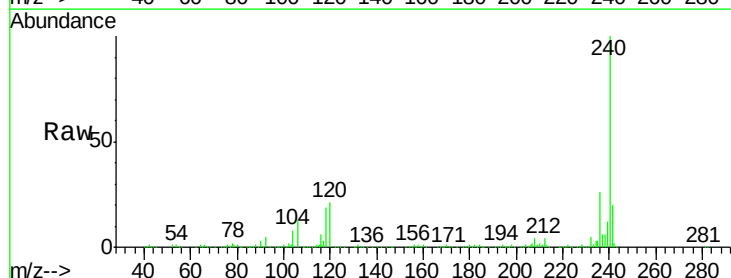
Instrument :
BNA_G
ClientSampleId :
PB82581TB

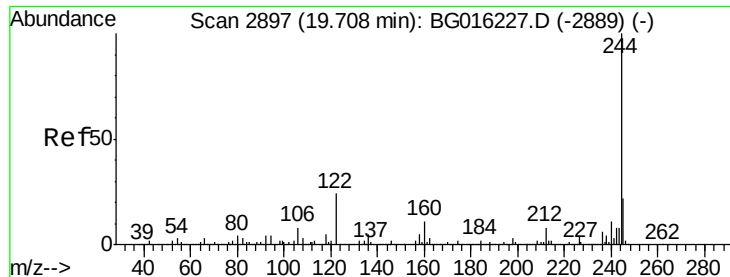
Tot Ion:188 Resp: 345597
Ion Ratio Lower Upper
188 100
94 14.4 12.2 18.4
80 14.8 12.8 19.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.26 min Scan# 3160
Delta R.T. -0.00 min
Lab File: BG016309.D
Acq: 10 Apr 2015 3:46

Tgt Ion:240 Resp: 301288
Ion Ratio Lower Upper
240 100
120 21.4 18.6 28.0
236 25.6 21.7 32.5





#78

Terphenyl-d14

Concen: 82.65 ng

RT: 19.71 min Scan# 2896

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

Instrument :

BNA_G

ClientSampled :

PB82581TB

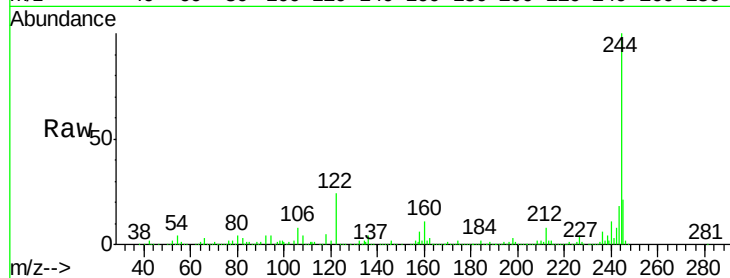
Tot Ion:244 Resp: 1063922

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

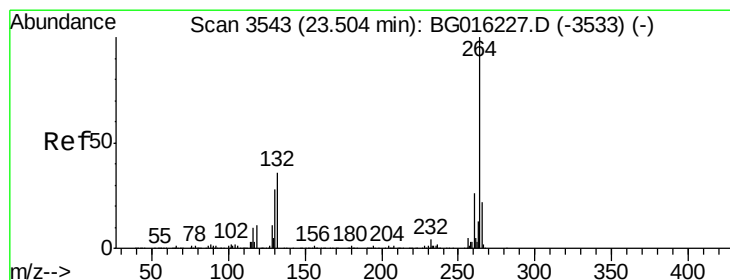
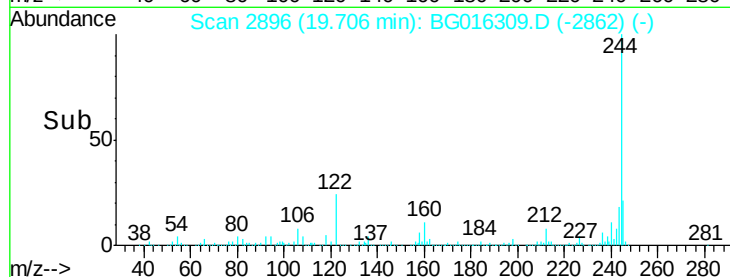
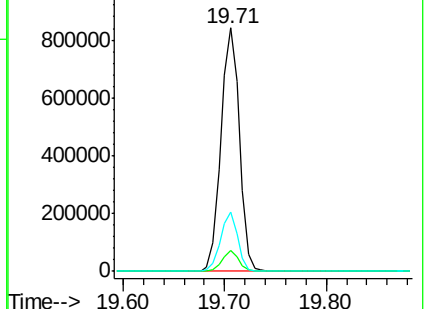
122 24.2 19.1 28.7



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: 23.50 min Scan# 3542

Delta R.T. -0.00 min

Lab File: BG016309.D

Acq: 10 Apr 2015 3:46

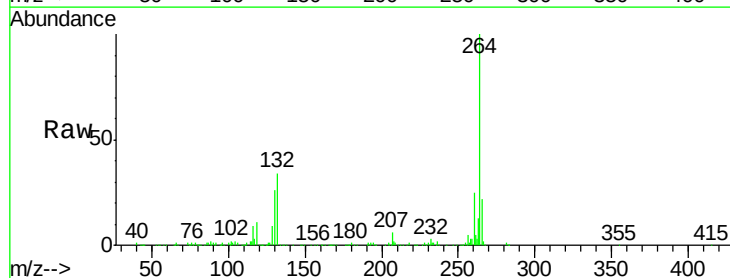
Tgt Ion:264 Resp: 280327

Ion Ratio Lower Upper

264 100

260 25.1 20.4 30.6

265 21.7 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

