

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071715\
 Data File : BG017930.D
 Acq On : 17 Jul 2015 18:03
 Operator : TP/UM
 Sample : PB84519BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB84519BL

Quant Time: Jul 18 02:42:20 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG071715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 18 01:50:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	90566	20.00	ng	0.00
21) Naphthalene-d8	10.37	136	389392	20.00	ng	0.00
38) Acenaphthene-d10	14.24	164	230327	20.00	ng	0.00
63) Phenanthrene-d10	17.00	188	505004	20.00	ng	0.00
75) Chrysene-d12	21.20	240	517989	20.00	ng	0.00
86) Perylene-d12	23.41	264	493260	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	445747	85.86	ng	0.00
7) Phenol-d6	6.77	99	563237	82.81	ng	0.00
23) Nitrobenzene-d5	8.73	82	491709	81.79	ng	0.00
41) 2,4,6-Tribromophenol	15.74	330	163237	69.95	ng	0.00
44) 2-Fluorobiphenyl	12.86	172	1130452	85.05	ng	0.00
78) Terphenyl-d14	19.64	244	1585844	77.12	ng	0.00

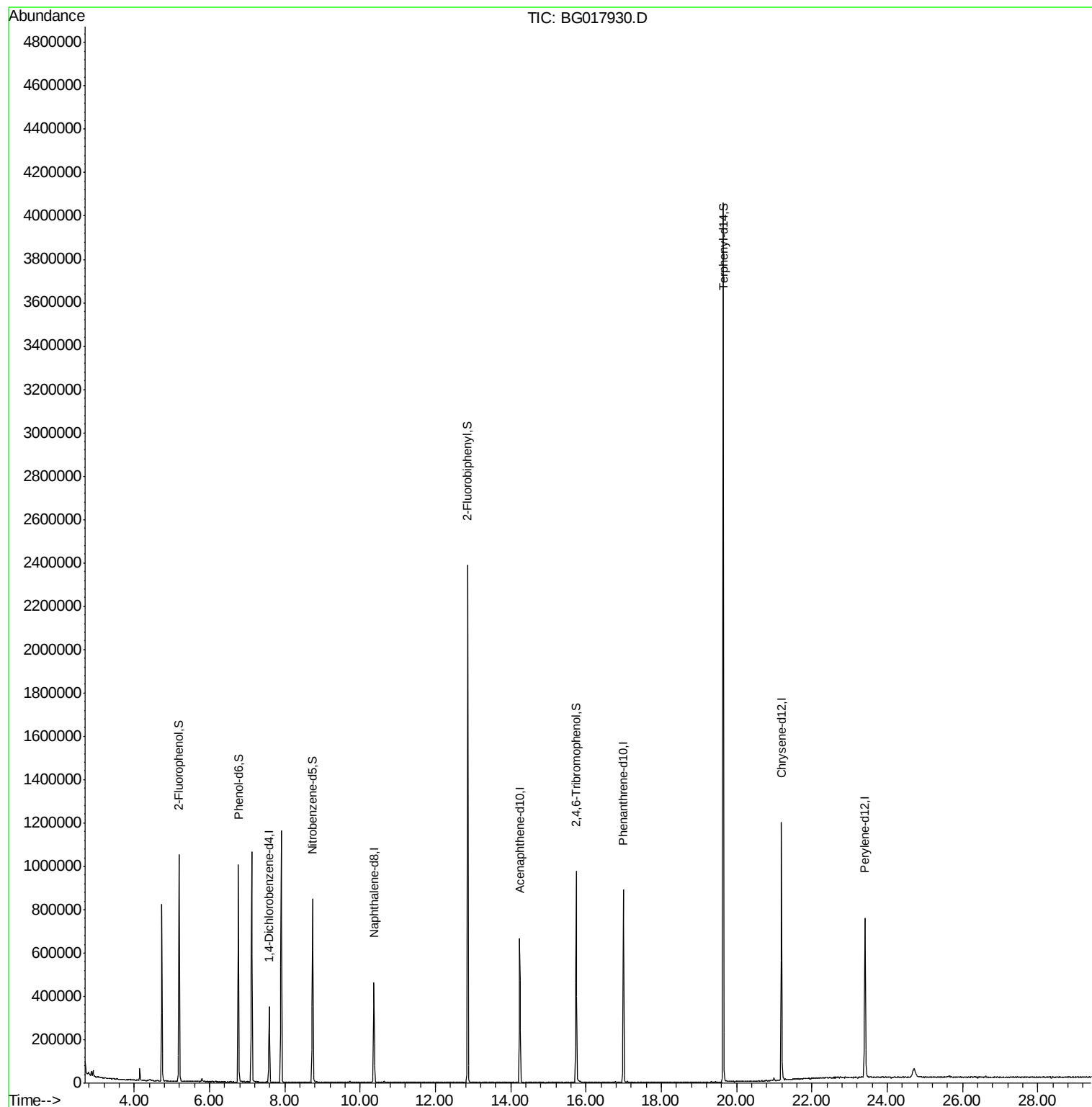
Target Compounds	Qvalue
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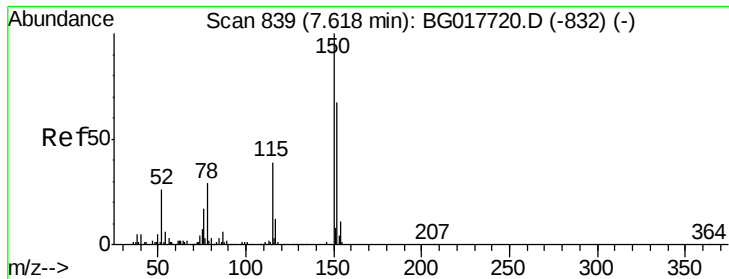
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.58 min Scan# 833

Delta R.T. -0.01 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB84519BL

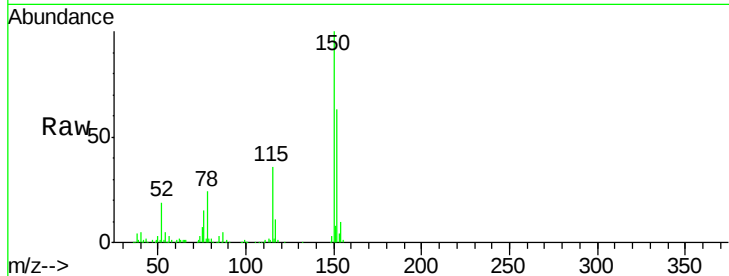
Tgt Ion:152 Resp: 90566

Ion Ratio Lower Upper

152 100

150 159.7 119.1 178.7

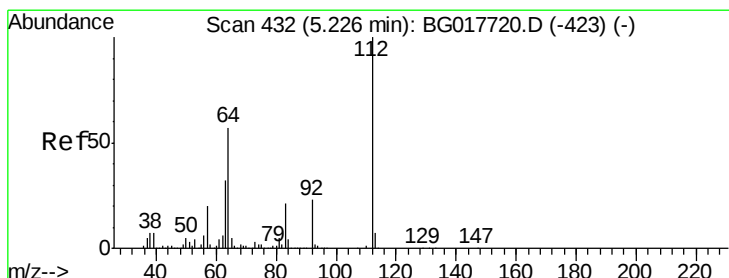
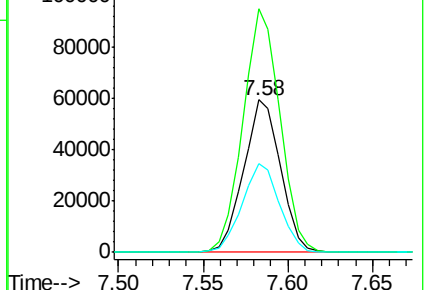
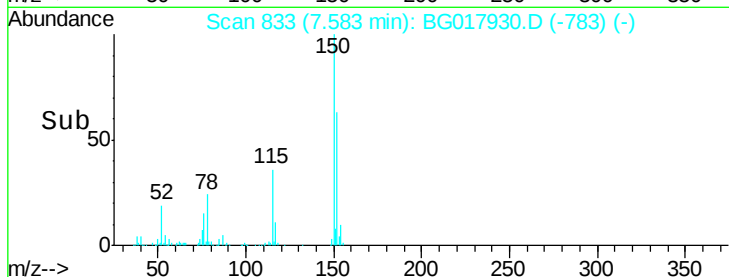
115 58.0 47.0 70.4



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: 85.86 ng

RT: 5.19 min Scan# 426

Delta R.T. 0.00 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

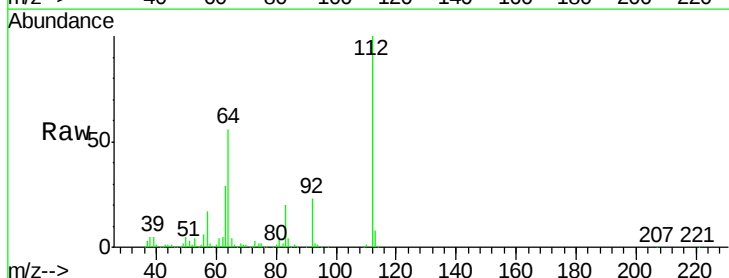
Tgt Ion:112 Resp: 445747

Ion Ratio Lower Upper

112 100

64 55.6 45.4 68.0

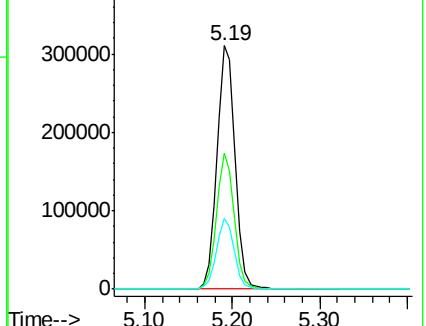
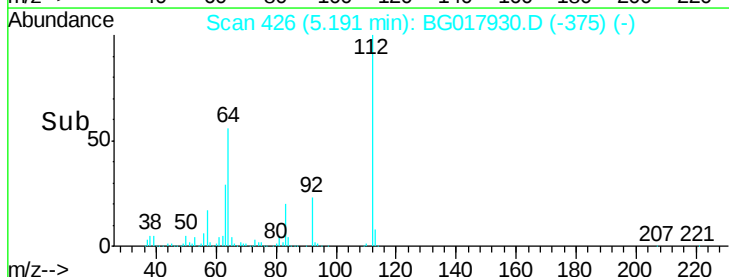
63 29.1 25.3 37.9

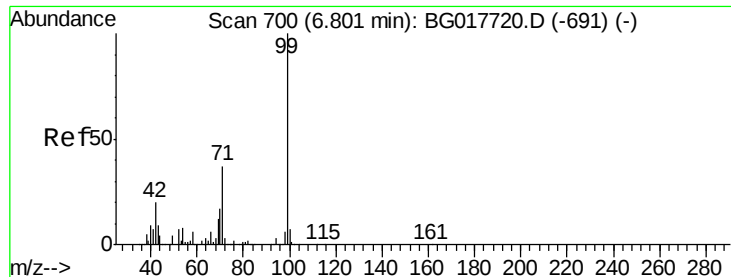


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 82.81 ng

RT: 6.77 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB84519BL

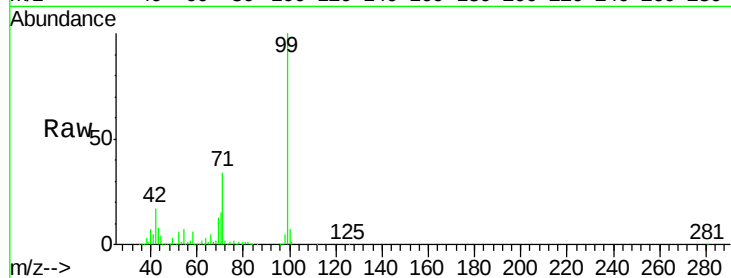
Tgt Ion: 99 Resp: 563237

Ion Ratio Lower Upper

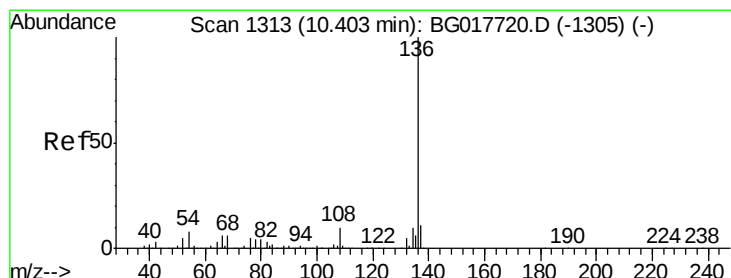
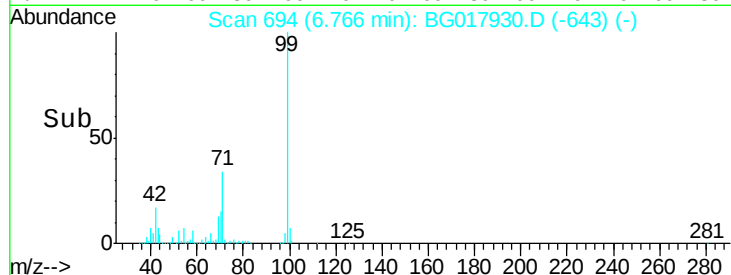
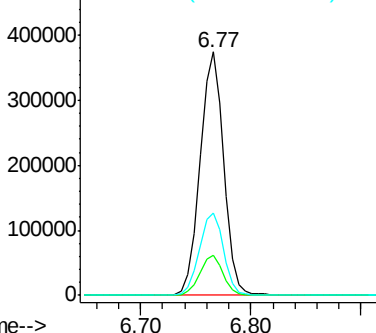
99 100

42 16.6 16.2 24.4

71 33.8 29.5 44.3



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: 10.37 min Scan# 1307

Delta R.T. 0.00 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

Tgt Ion: 136 Resp: 389392

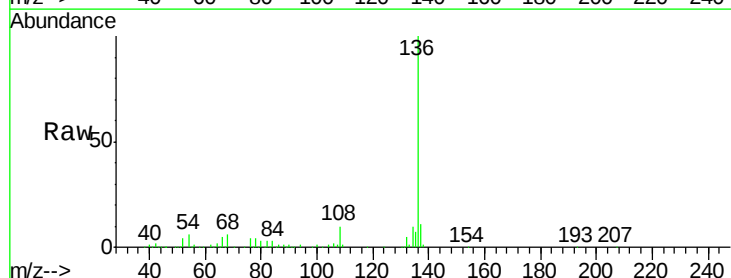
Ion Ratio Lower Upper

136 100

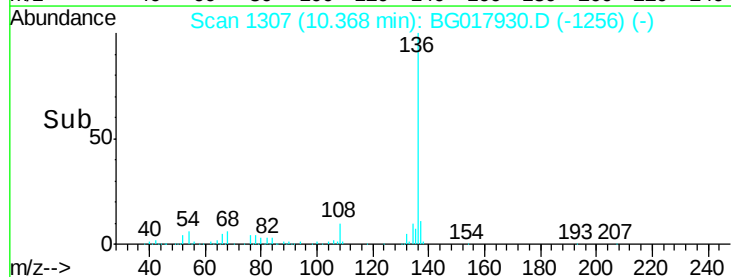
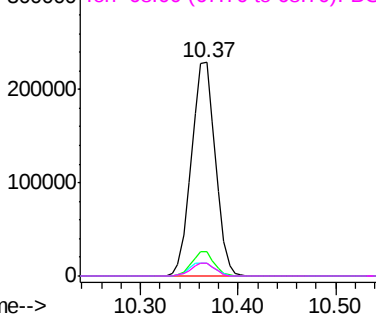
137 11.1 8.8 13.2

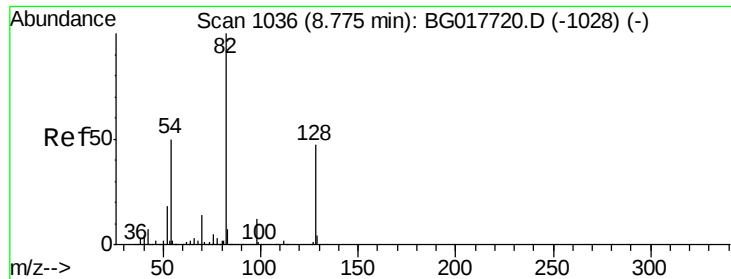
54 6.2 6.6 9.8#

68 5.8 5.1 7.7



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

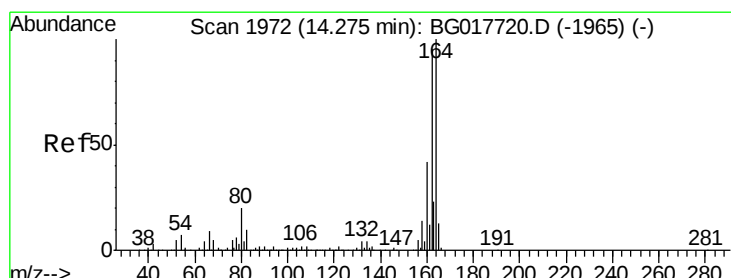
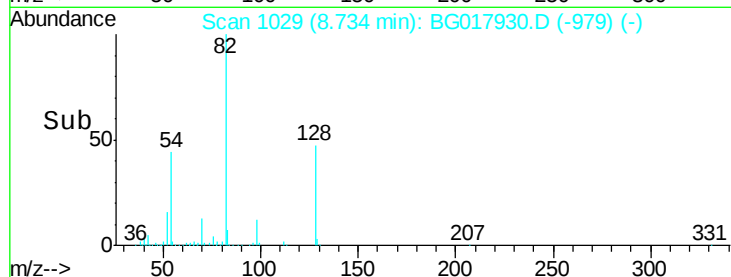
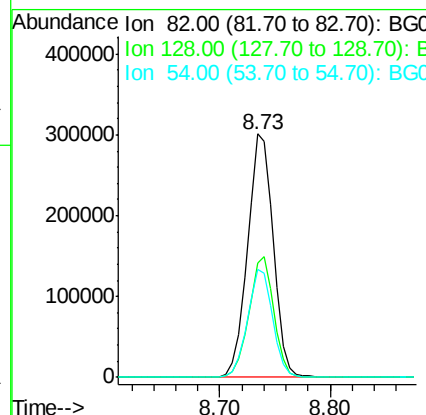
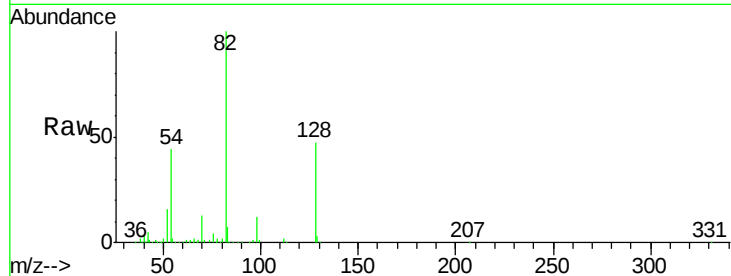




#23
 Nitrobenzene-d5
 Concen: 81.79 ng
 RT: 8.73 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG017930.D
 Acq: 17 Jul 2015 18:03

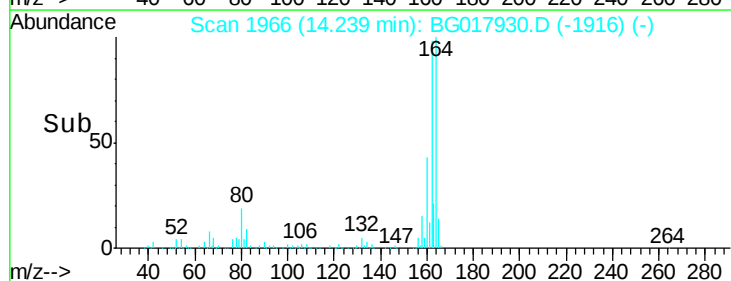
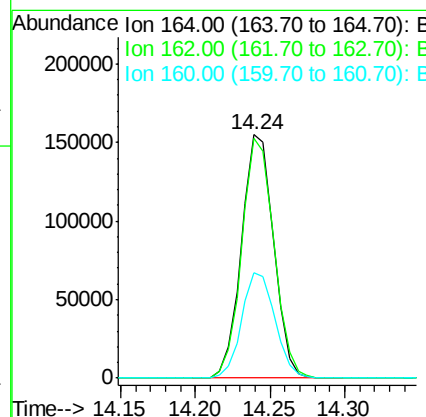
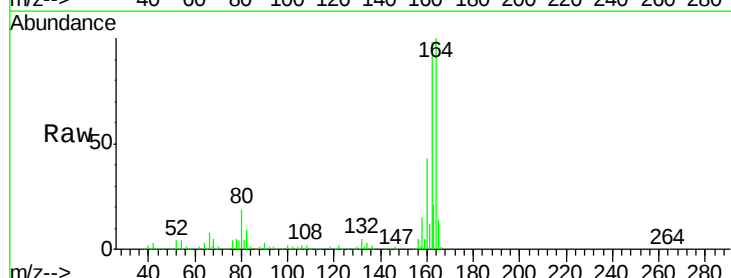
Instrument :
 BNA_G
 ClientSampleId :
 PB84519BL

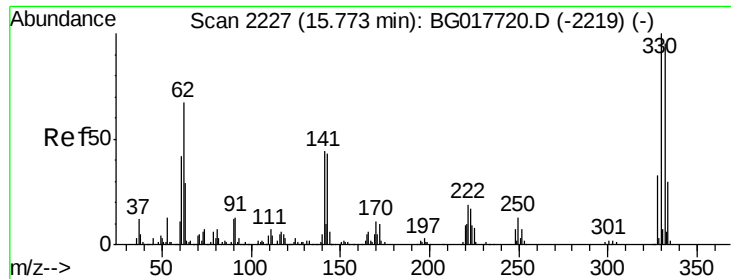
Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.8	56.6
54	44.3	39.9	59.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.24 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BG017930.D
 Acq: 17 Jul 2015 18:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	76.3	114.5
160	43.4	33.7	50.5

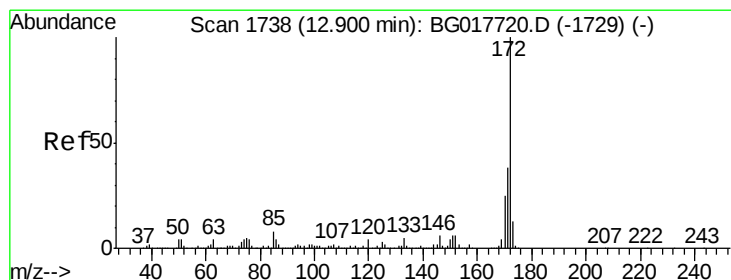
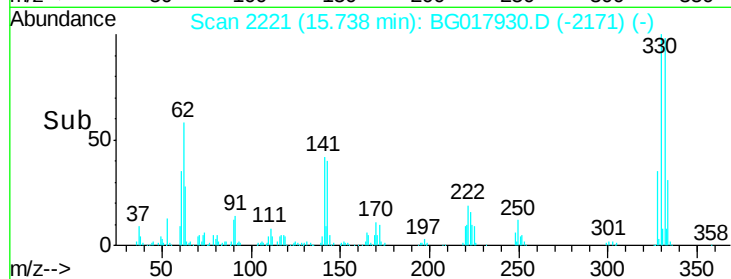
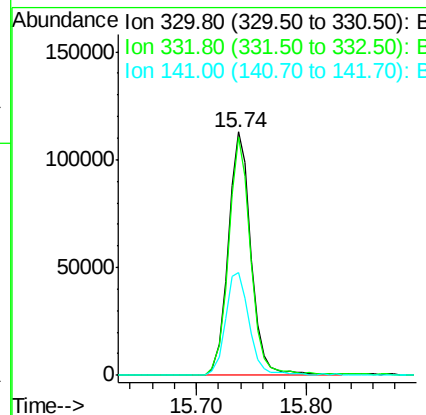
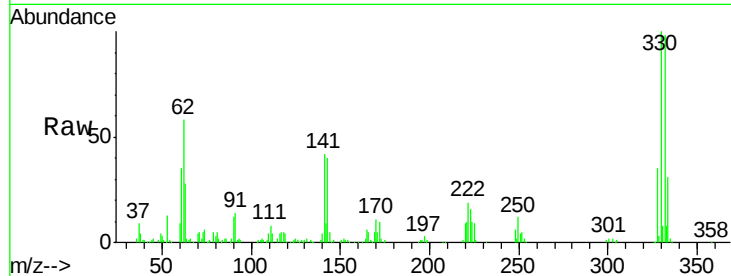




#41
 2,4,6-Tribromophenol
 Concen: 69.95 ng
 RT: 15.74 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BG017930.D
 Acq: 17 Jul 2015 18:03

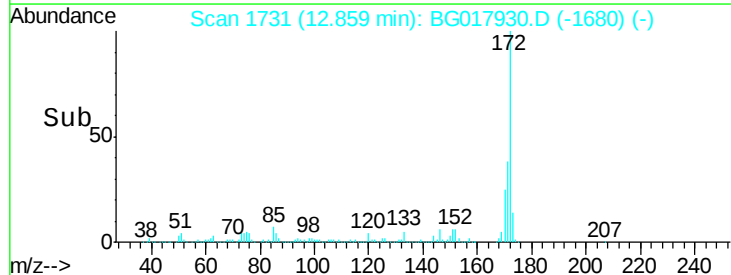
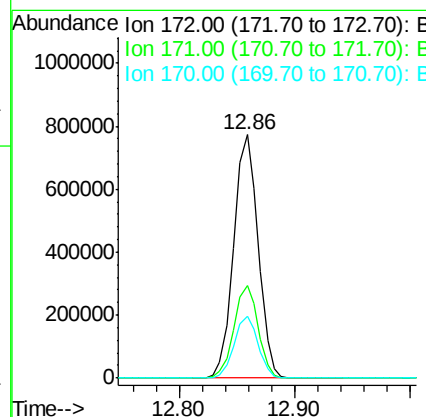
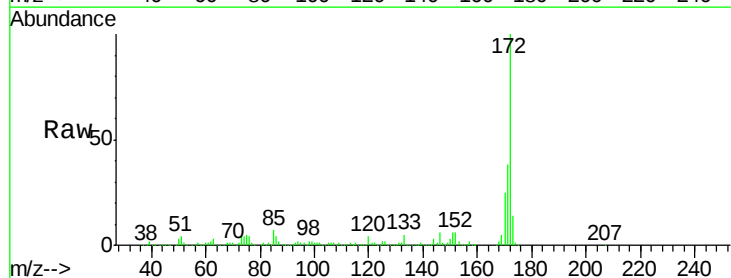
Instrument :
 BNA_G
 ClientSampleId :
 PB84519BL

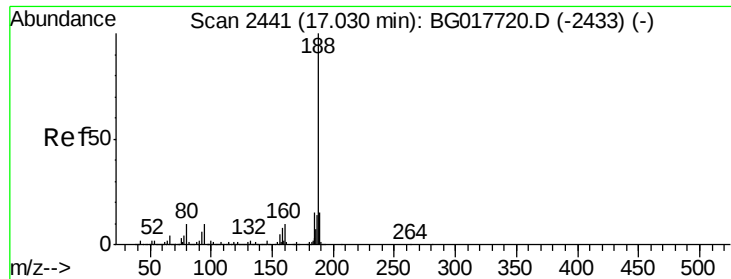
Tgt Ion:330 Resp: 163237
 Ion Ratio Lower Upper
 330 100
 332 95.3 76.8 115.2
 141 43.8 38.0 57.0



#44
 2-Fluorobiphenyl
 Concen: 85.05 ng
 RT: 12.86 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: BG017930.D
 Acq: 17 Jul 2015 18:03

Tgt Ion:172 Resp: 1130452
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.7 46.1
 170 25.2 19.7 29.5

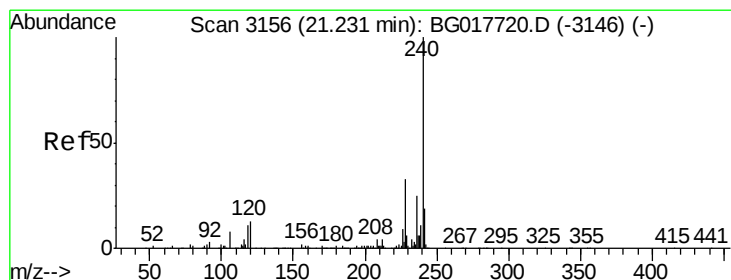
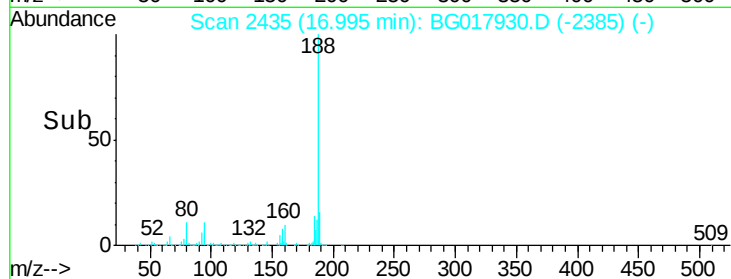
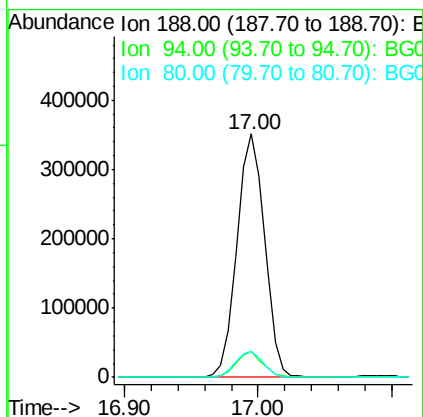
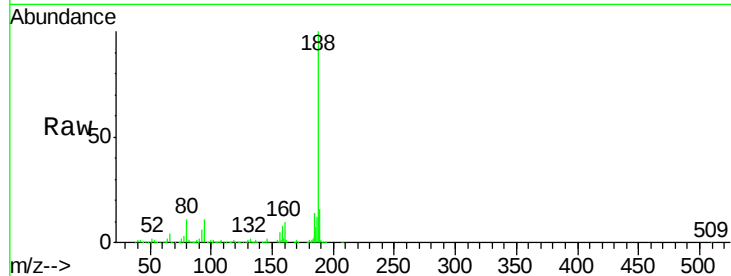




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.00 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG017930.D
Acq: 17 Jul 2015 18:03

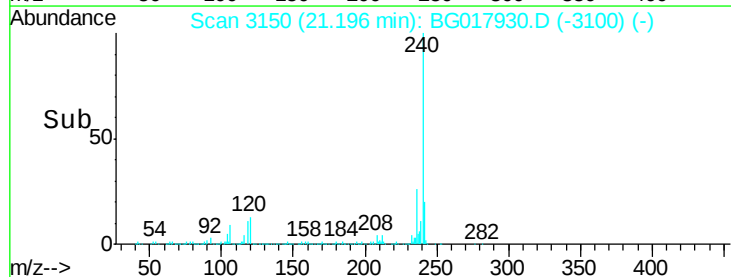
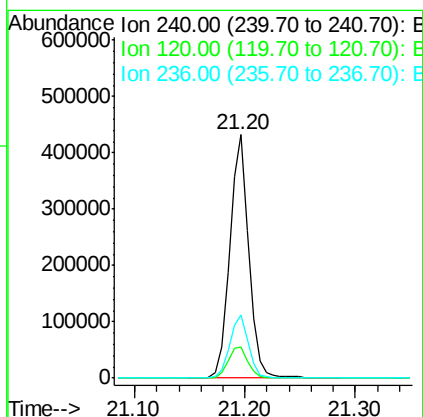
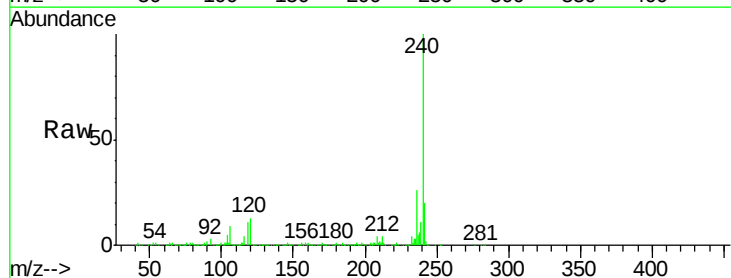
Instrument :
BNA_G
ClientSampleId :
PB84519BL

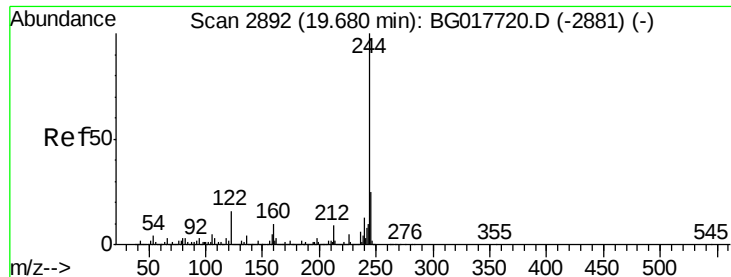
Tgt Ion:188 Resp: 505004
Ion Ratio Lower Upper
188 100
94 10.5 8.2 12.2
80 10.5 8.2 12.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.20 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG017930.D
Acq: 17 Jul 2015 18:03

Tgt Ion:240 Resp: 517989
Ion Ratio Lower Upper
240 100
120 12.8 10.8 16.2
236 26.0 20.0 30.0





#78

Terphenyl-d14

Concen: 77.12 ng

RT: 19.64 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

Instrument :

BNA_G

ClientSampleId :

PB84519BL

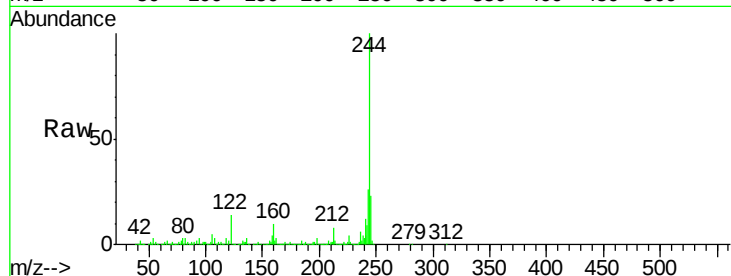
Tgt Ion:244 Resp: 1585844

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

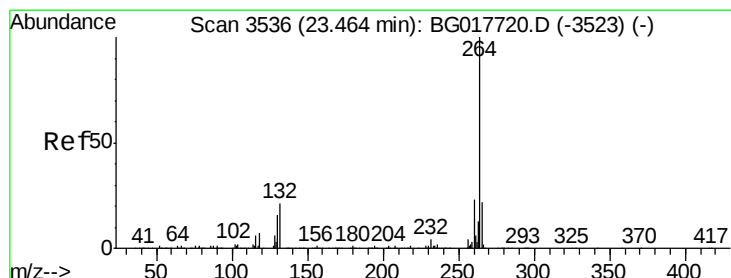
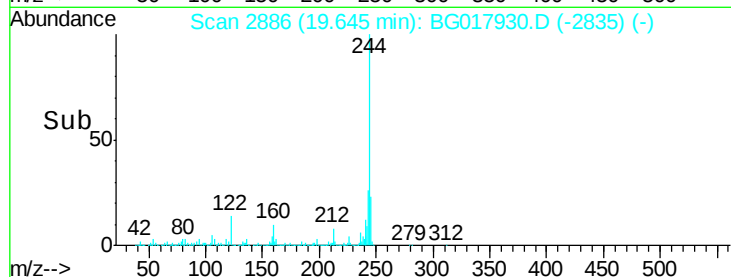
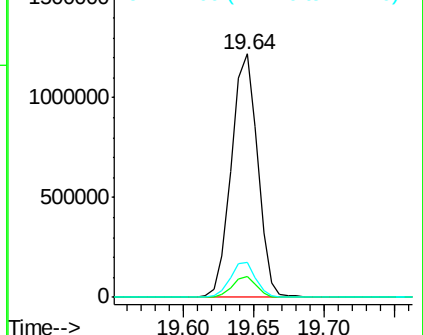
122 14.1 12.8 19.2



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: 23.41 min Scan# 3527

Delta R.T. -0.01 min

Lab File: BG017930.D

Acq: 17 Jul 2015 18:03

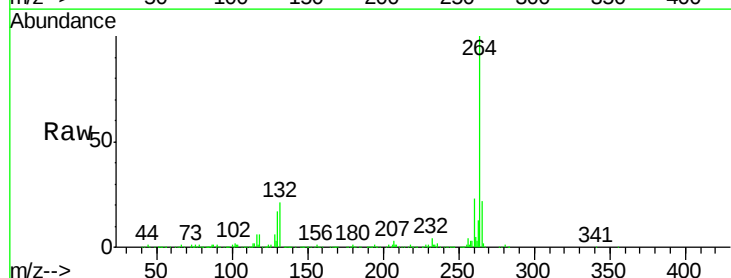
Tgt Ion:264 Resp: 493260

Ion Ratio Lower Upper

264 100

260 22.9 18.6 27.8

265 22.2 18.2 27.2



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

