

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092515\
 Data File : BF081802.D
 Acq On : 25 Sep 2015 14:42
 Operator : UM/IZ
 Sample : G3708-10
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Quant Time: Sep 26 00:14:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 25 06:02:49 2015
 Response via : Initial Calibration

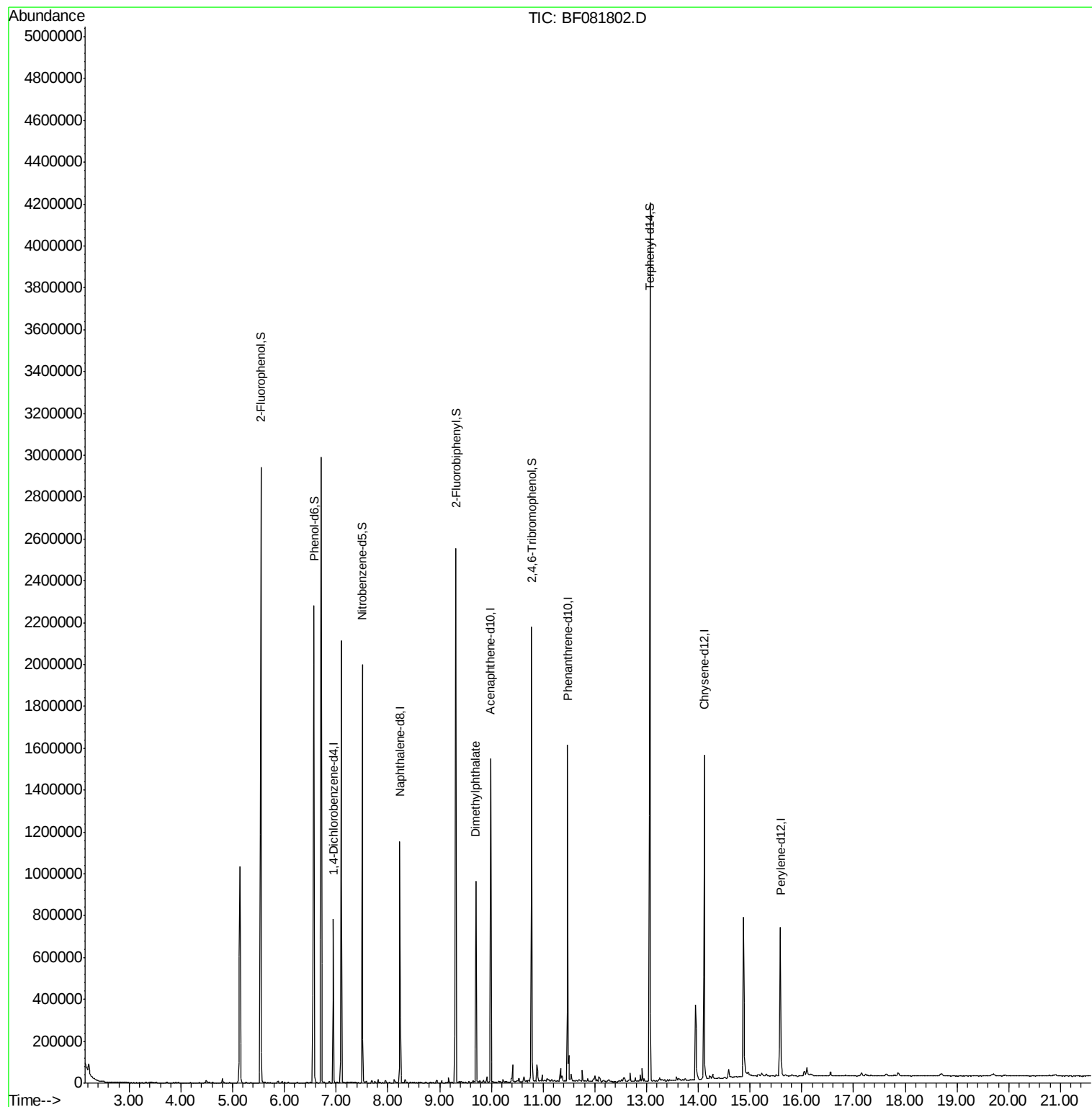
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	140382	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	522188	20.00	ng	-0.01
38) Acenaphthene-d10	9.99	164	290174	20.00	ng	-0.01
63) Phenanthrene-d10	11.47	188	553119	20.00	ng	0.00
75) Chrysene-d12	14.12	240	546813	20.00	ng	0.00
86) Perylene-d12	15.59	264	415626	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	810192	97.64	ng	0.00
7) Phenol-d6	6.57	99	1176871	112.13	ng	0.00
23) Nitrobenzene-d5	7.51	82	614303	77.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.78	330	266995	105.98	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1266262	71.63	ng	0.00
78) Terphenyl-d14	13.06	244	1298016	54.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.70	163	370052	16.76	ng	Qvalue # 98

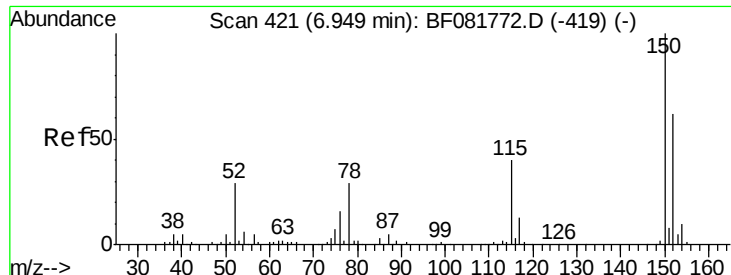
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.95 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

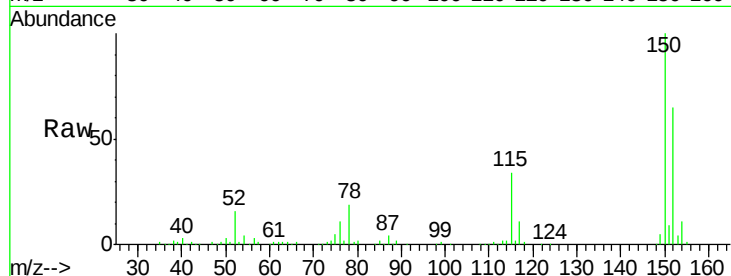
Tgt Ion:152 Resp: 140382

Ion Ratio Lower Upper

152 100

150 154.2 124.7 187.1

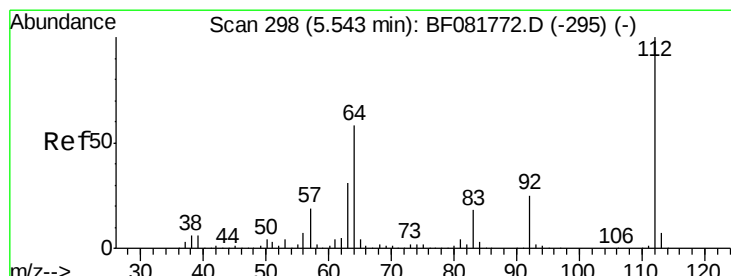
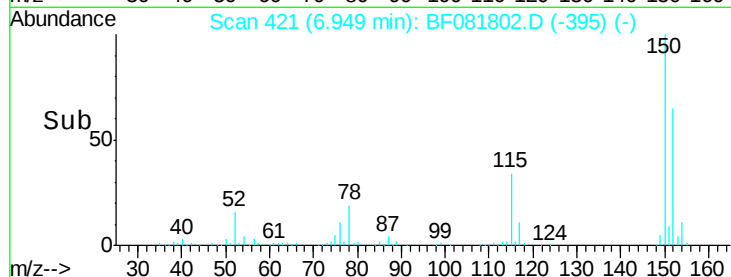
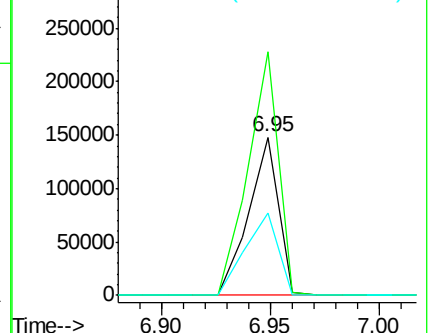
115 51.9 39.0 58.4



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: 97.64 ng

RT: 5.54 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

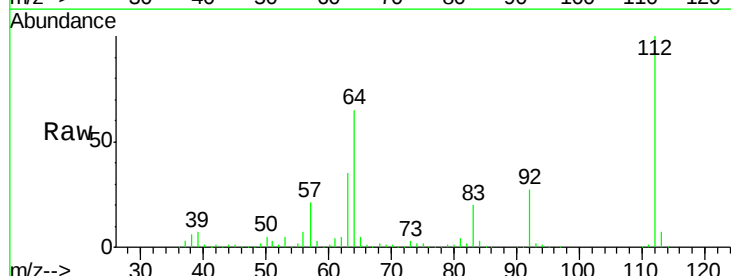
Tgt Ion:112 Resp: 810192

Ion Ratio Lower Upper

112 100

64 65.2 39.7 59.5#

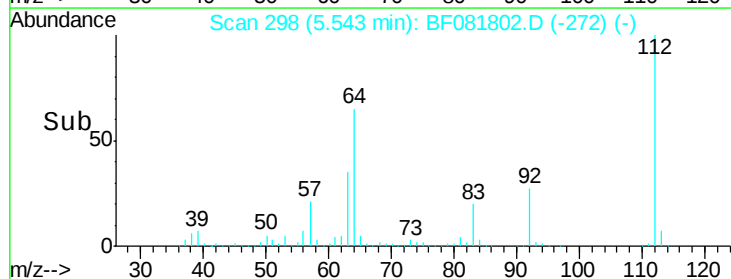
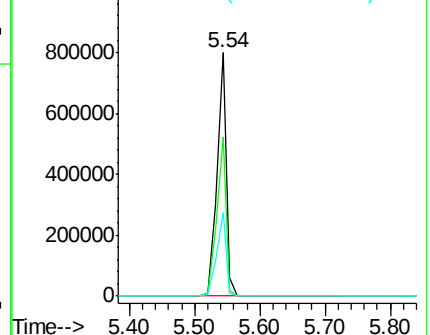
63 34.6 17.4 26.0#

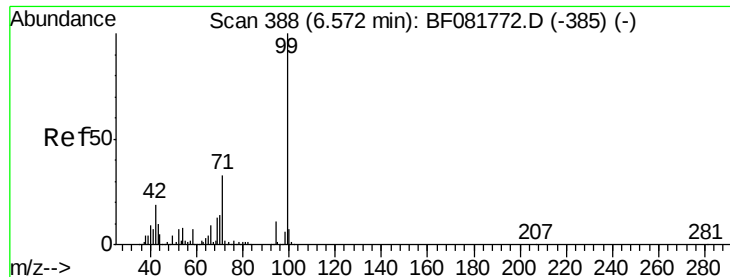


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.13 ng

RT: 6.57 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

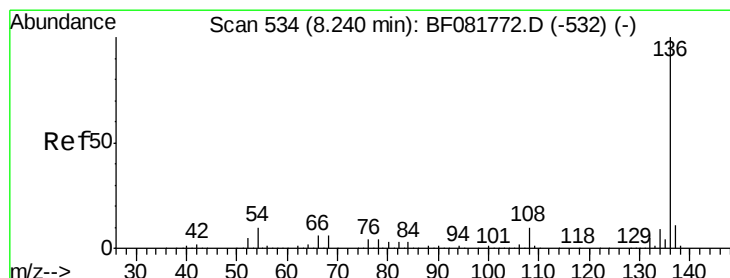
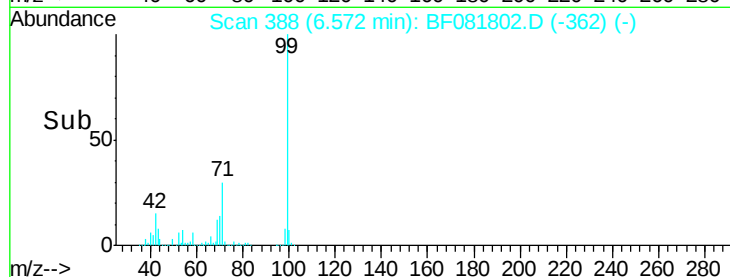
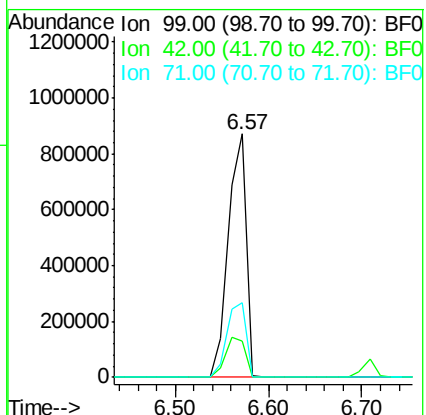
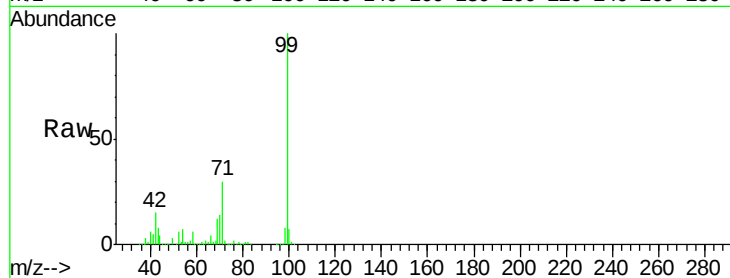
Tgt Ion: 99 Resp: 1176871

Ion Ratio Lower Upper

99 100

42 15.0 13.7 20.5

71 30.5 14.2 21.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.23 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Tgt Ion: 136 Resp: 522188

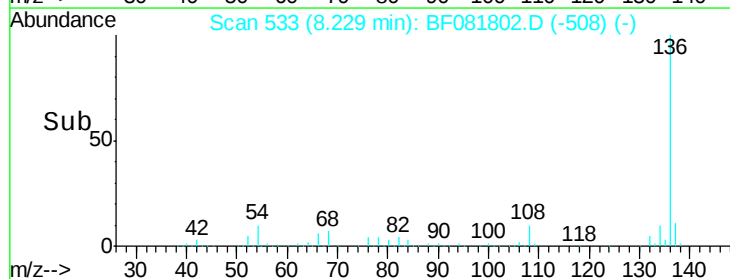
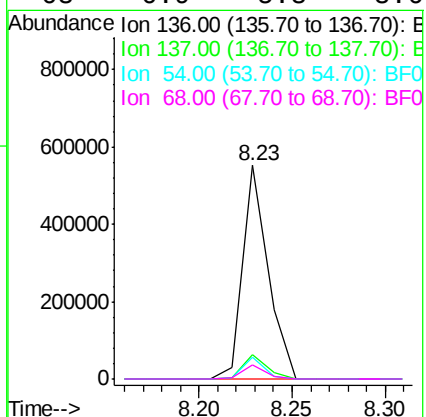
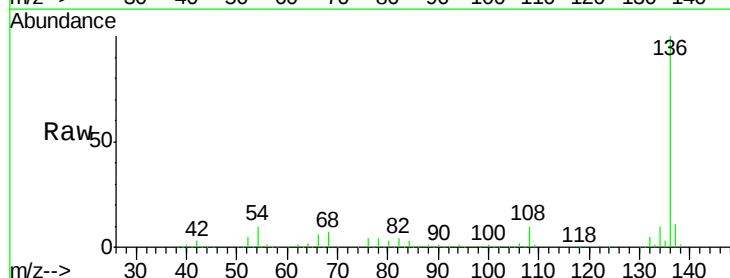
Ion Ratio Lower Upper

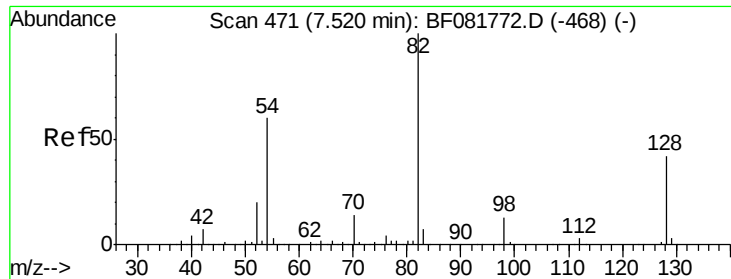
136 100

137 11.3 9.0 13.6

54 10.4 8.2 12.2

68 6.9 5.8 8.6

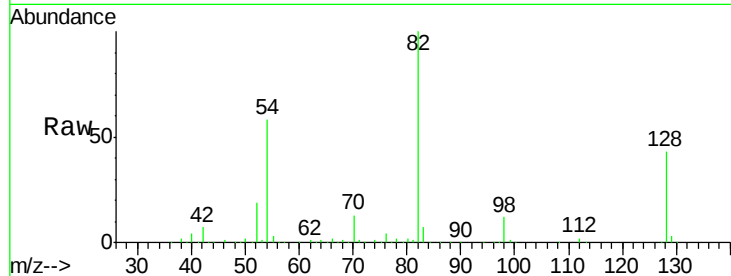




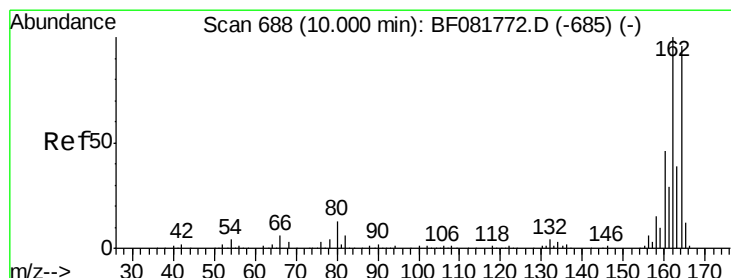
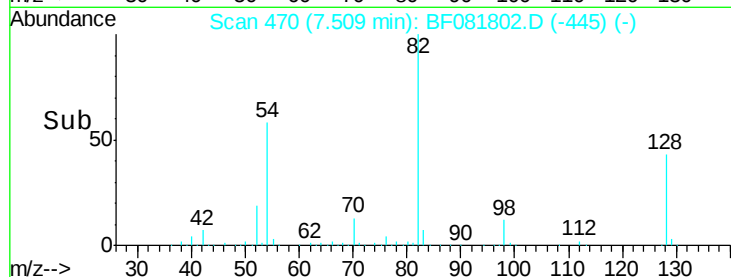
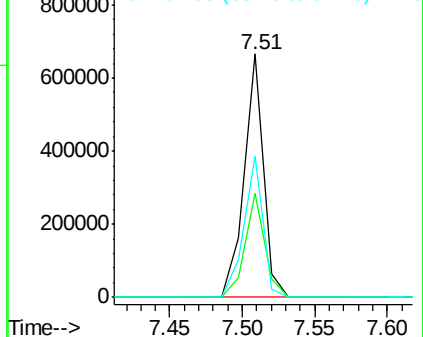
#23
 Nitrobenzene-d5
 Concen: 77.62 ng
 RT: 7.51 min Scan# 470
 Delta R.T. -0.01 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Tgt Ion: 82 Resp: 614303
 Ion Ratio Lower Upper
 82 100
 128 42.5 51.0 76.6#
 54 58.1 47.5 71.3

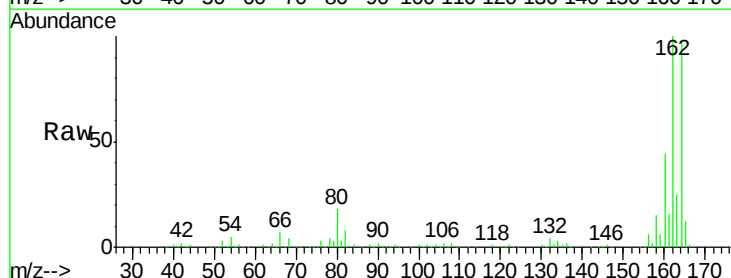


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

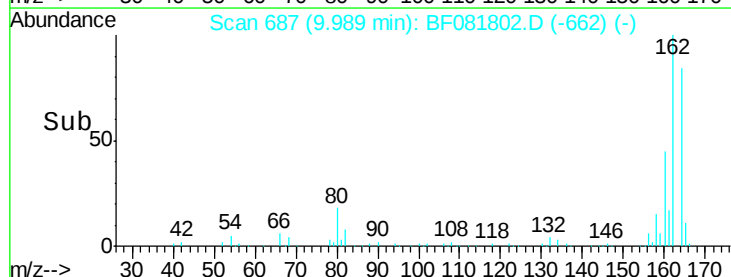
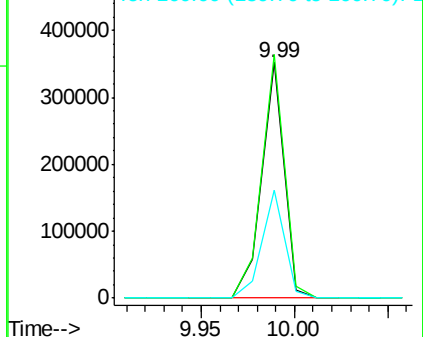


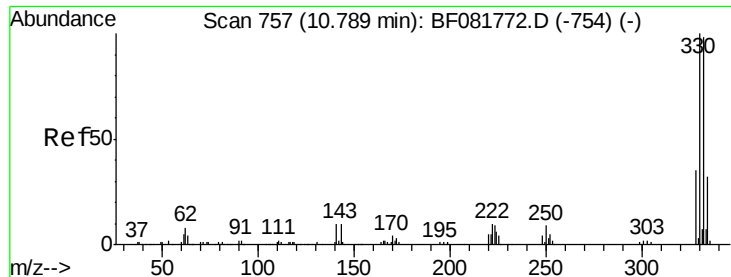
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.99 min Scan# 687
 Delta R.T. -0.01 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Tgt Ion: 164 Resp: 290174
 Ion Ratio Lower Upper
 164 100
 162 103.4 75.2 112.8
 160 45.8 31.5 47.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

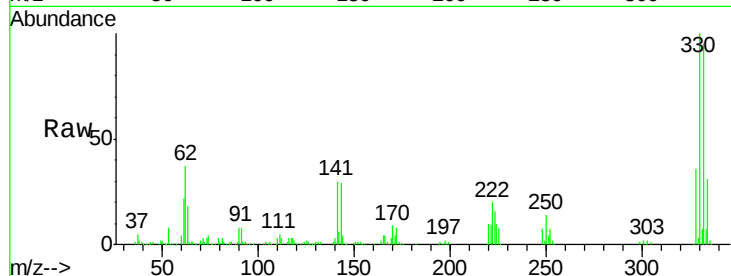




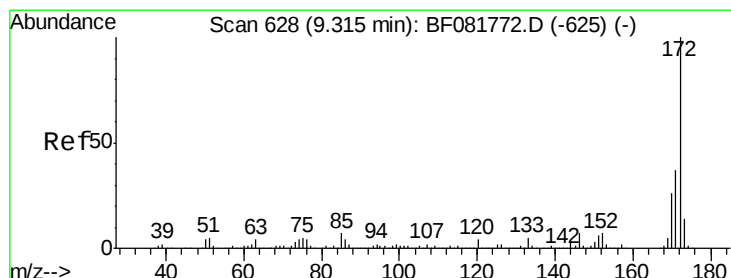
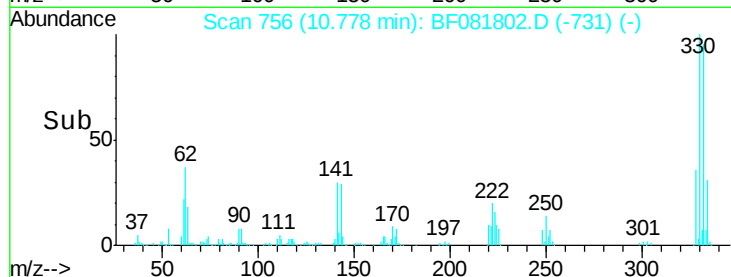
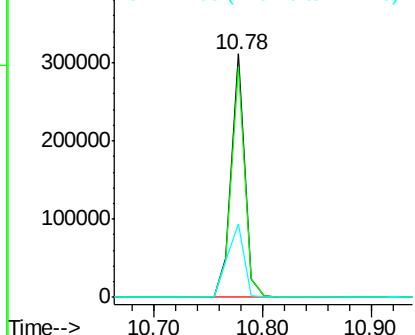
#41
 2,4,6-Tribromophenol
 Concen: 105.98 ng
 RT: 10.78 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Instrument :
 BNA_F
 ClientSampleId :
 MGP201-40-41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.6	114.8
141	37.0	29.7	44.5

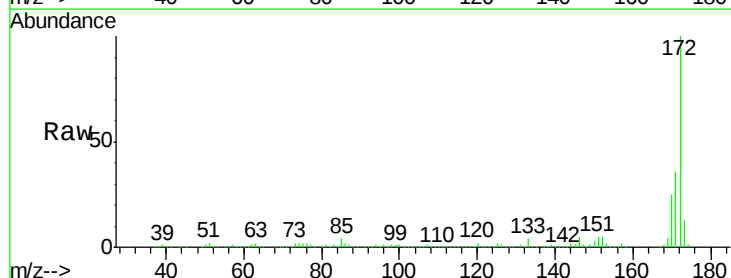


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

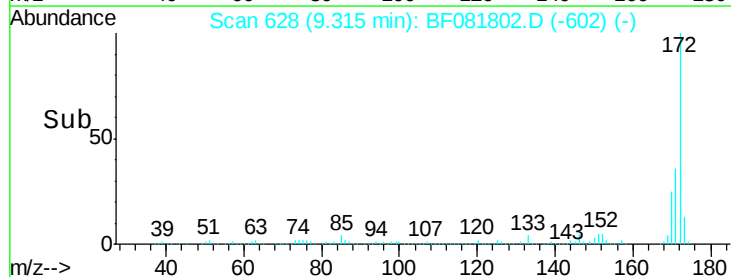
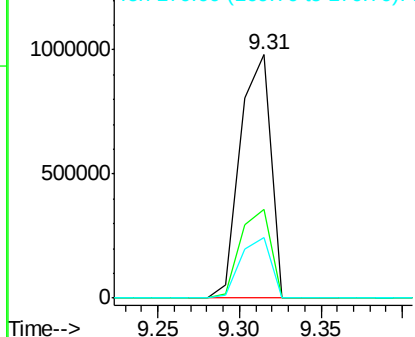


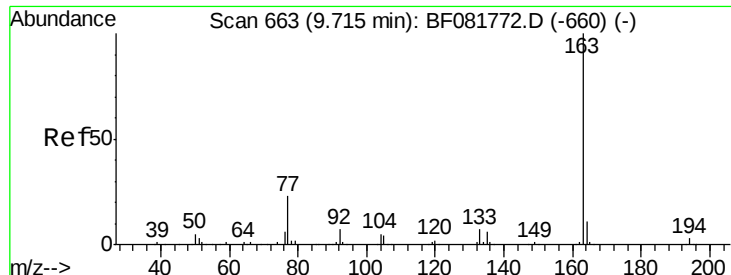
#44
 2-Fluorobiphenyl
 Concen: 71.63 ng
 RT: 9.31 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF081802.D
 Acq: 25 Sep 2015 14:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	26.1	39.1
170	24.7	17.4	26.2



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

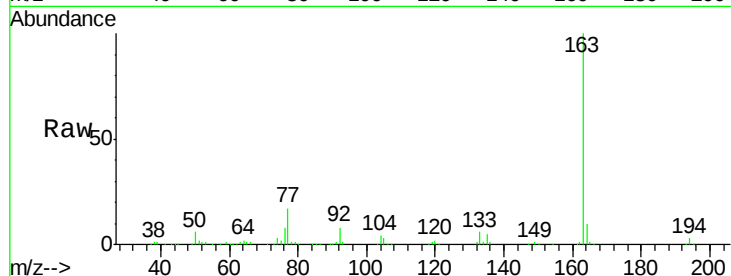




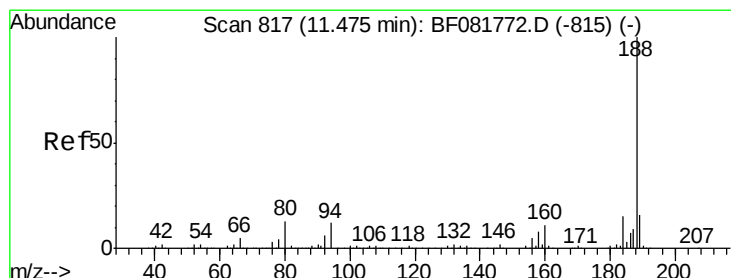
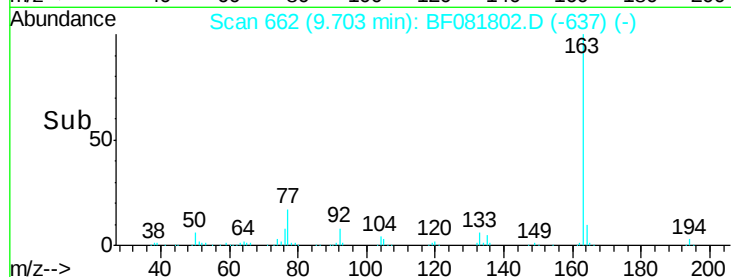
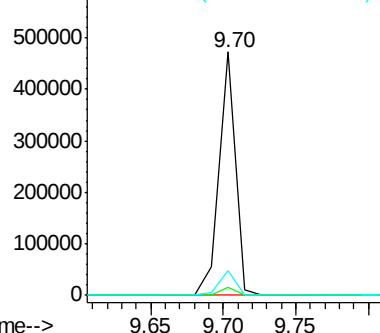
#49
Dimethylphthalate
Concen: 16.76 ng
RT: 9.70 min Scan# 662
Delta R.T. -0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

Tgt Ion:163 Resp: 370052
Ion Ratio Lower Upper
163 100
194 3.5 4.4 6.6#
164 10.2 8.3 12.5

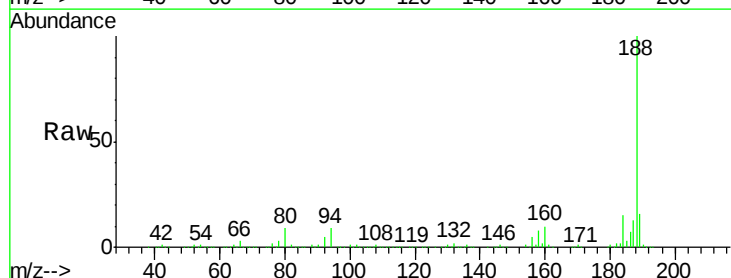


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

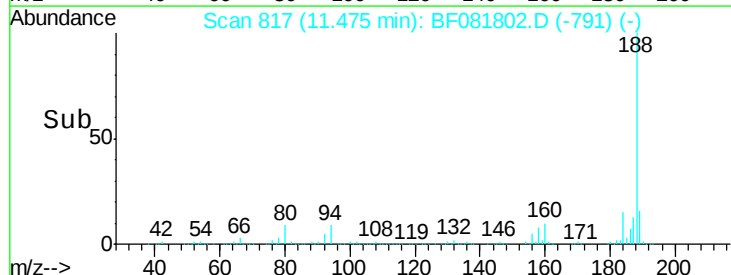
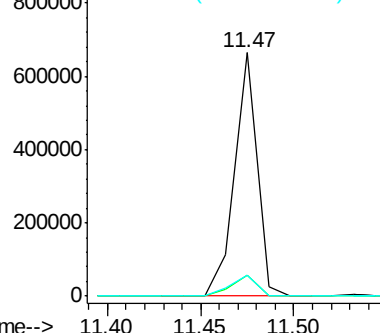


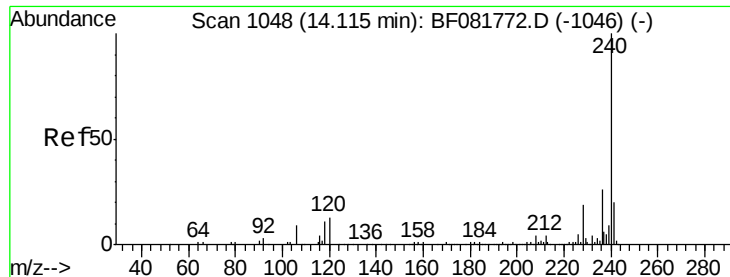
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.47 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Tgt Ion:188 Resp: 553119
Ion Ratio Lower Upper
188 100
94 8.5 11.1 16.7#
80 8.7 11.0 16.4#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

Instrument :

BNA_F

ClientSampleId :

MGP201-40-41

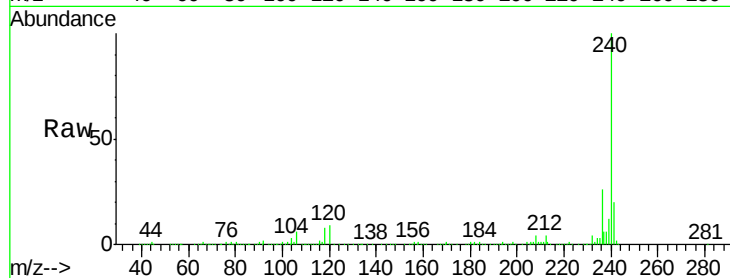
Tgt Ion:240 Resp: 546813

Ion Ratio Lower Upper

240 100

120 8.8 16.2 24.2#

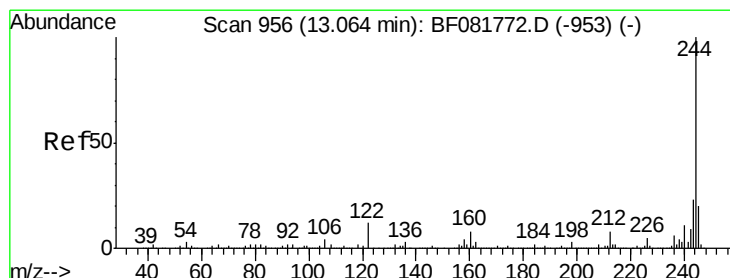
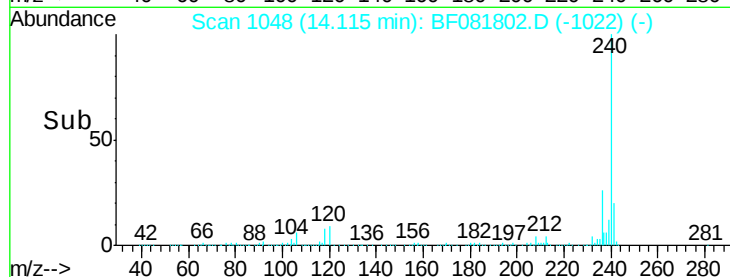
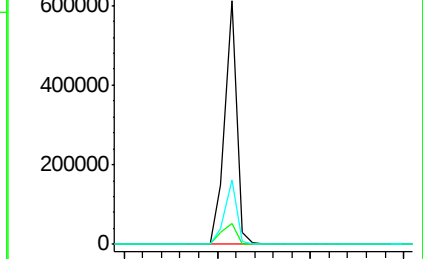
236 26.4 18.4 27.6



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: 54.22 ng

RT: 13.06 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF081802.D

Acq: 25 Sep 2015 14:42

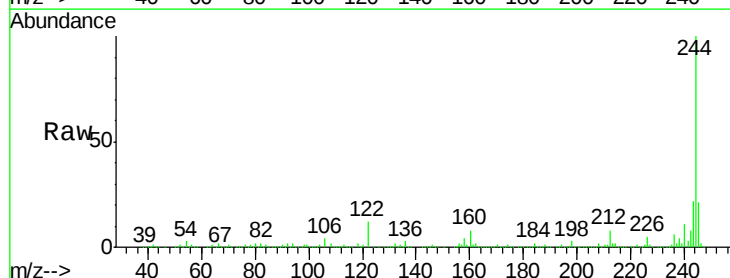
Tgt Ion:244 Resp: 1298016

Ion Ratio Lower Upper

244 100

212 8.2 4.3 6.5#

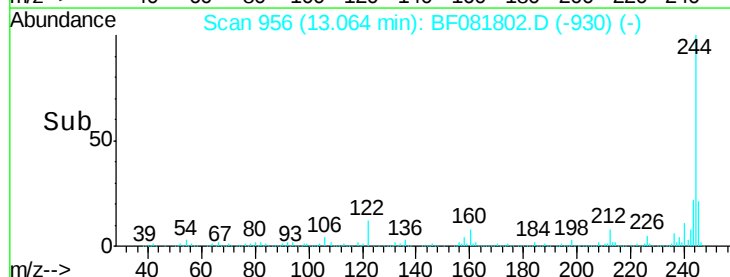
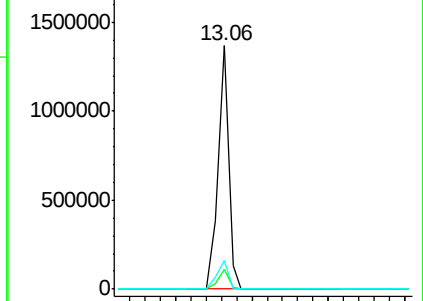
122 11.6 17.4 26.2#

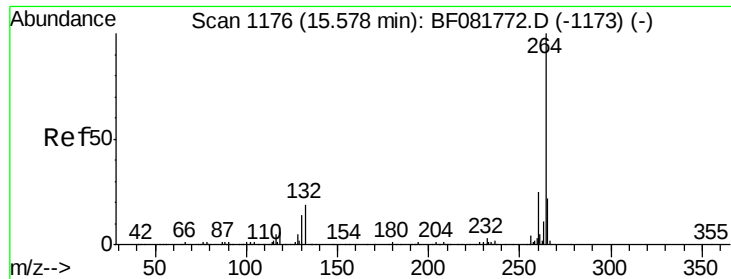


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.59 min Scan# 1177
Delta R.T. 0.01 min
Lab File: BF081802.D
Acq: 25 Sep 2015 14:42

Instrument :
BNA_F
ClientSampleId :
MGP201-40-41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	16.7	25.1
265	21.3	17.2	25.8

