

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
 Data File : BF080172.D
 Acq On : 25 Jun 2015 18:11
 Operator : TP/IZ
 Sample : PB84215BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BL

Quant Time: Jun 26 01:22:34 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 26 01:01:50 2015
 Response via : Initial Calibration

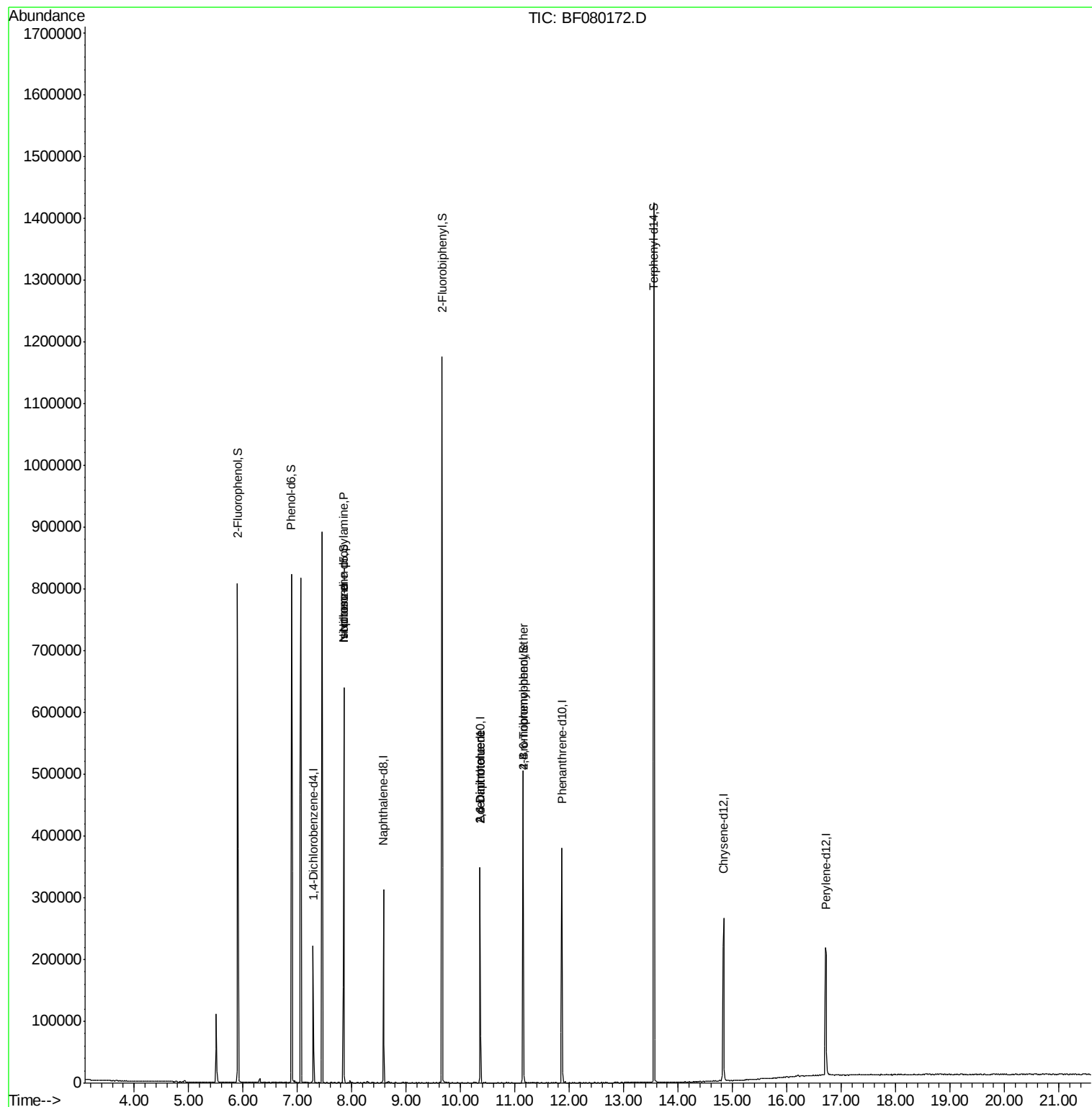
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	31288	20.00	ng	0.00
21) Naphthalene-d8	8.58	136	131321	20.00	ng	0.00
38) Acenaphthene-d10	10.36	164	66645	20.00	ng	0.00
63) Phenanthrene-d10	11.86	188	138276	20.00	ng	0.00
75) Chrysene-d12	14.84	240	140938	20.00	ng	0.01
86) Perylene-d12	16.72	264	136962	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.90	112	239894	135.72	ng	0.00
7) Phenol-d6	6.89	99	304412	129.42	ng	-0.01
23) Nitrobenzene-d5	7.85	82	194255	86.12	ng	0.00
41) 2,4,6-Tribromophenol	11.16	330	81486	125.04	ng	0.00
44) 2-Fluorobiphenyl	9.66	172	368502	78.85	ng	-0.01
78) Terphenyl-d14	13.56	244	499981	82.85	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.85	70	25084	15.36	ng	# 56
25) Isophorone	7.85	82	158167	34.84	ng	# 58
50) 2,6-Dinitrotoluene	10.36	165	8513	8.48	ng	# 37
56) 2,4-Dinitrotoluene	10.36	165	8514	6.68	ng	# 31
66) 4-Bromophenyl-phenylether	11.16	248	5267	3.58	ng	# 1

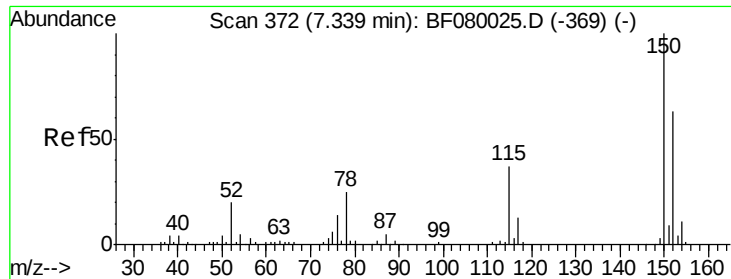
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062515\
Data File : BF080172.D
Acq On : 25 Jun 2015 18:11
Operator : TP/IZ
Sample : PB84215BL
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84215BL

Quant Time: Jun 26 01:22:34 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 26 01:01:50 2015
Response via : Initial Calibration



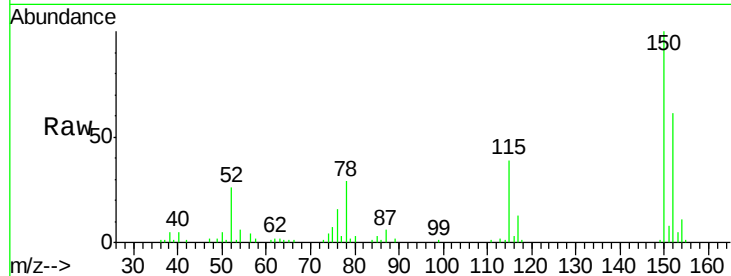


#1

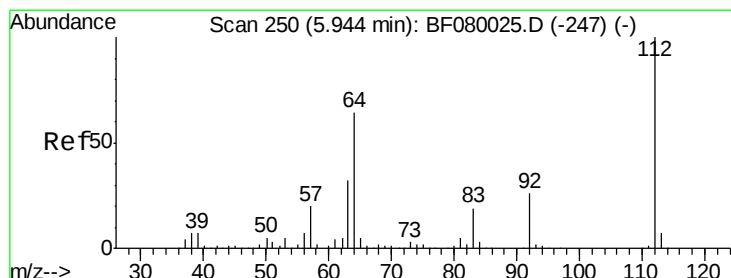
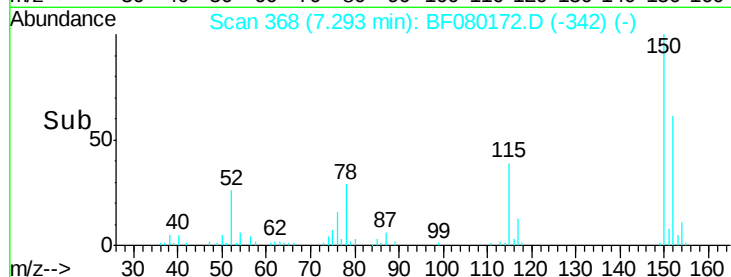
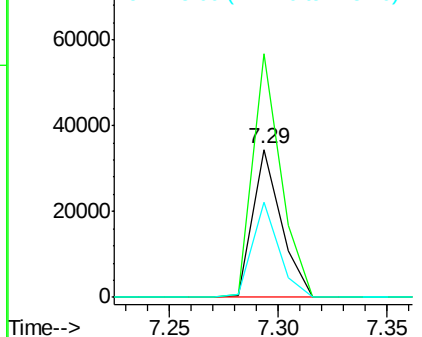
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 368
Delta R.T. 0.00 min
Lab File: BF080172.D
Acq: 25 Jun 2015 18:11

Instrument :
BNA_F
ClientSampleId :
PB84215BL

Tgt Ion:152 Resp: 31288
Ion Ratio Lower Upper
152 100
150 164.5 124.7 187.1
115 64.4 39.0 58.4#



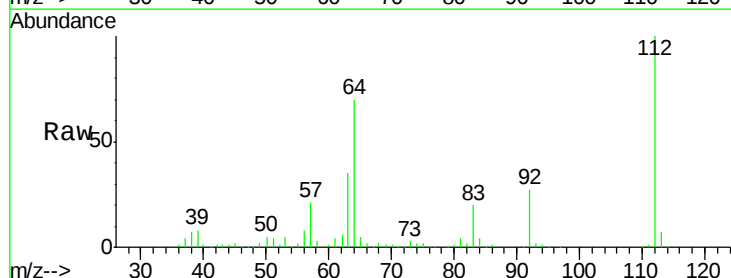
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



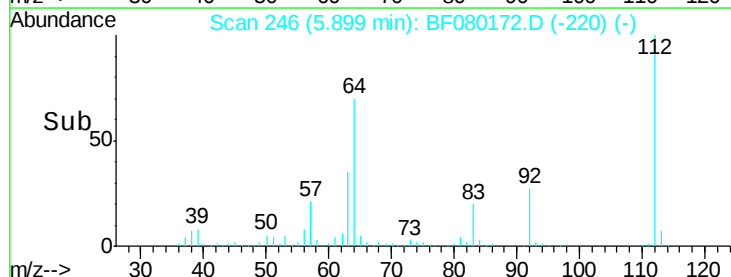
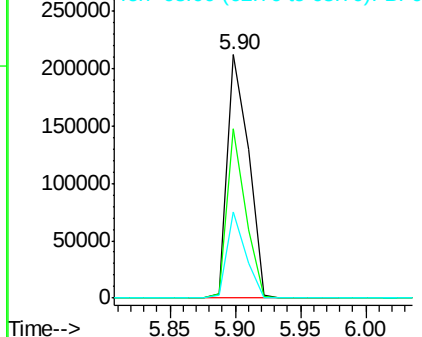
#5

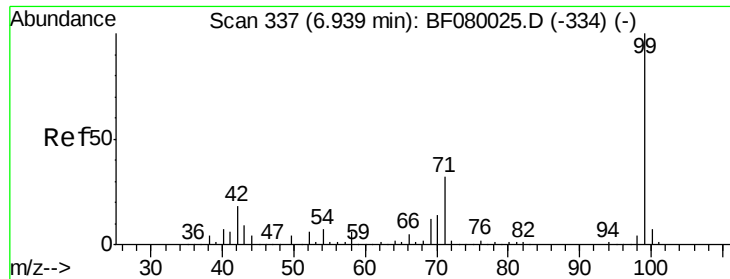
2-Fluorophenol
Concen: 135.72 ng
RT: 5.90 min Scan# 246
Delta R.T. 0.00 min
Lab File: BF080172.D
Acq: 25 Jun 2015 18:11

Tgt Ion:112 Resp: 239894
Ion Ratio Lower Upper
112 100
64 69.5 39.7 59.5#
63 35.3 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: 129.42 ng

RT: 6.89 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PB84215BL

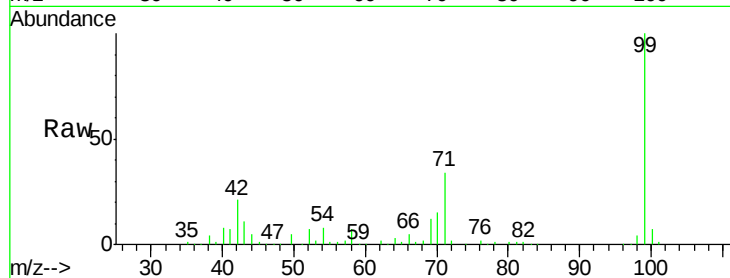
Tgt Ion: 99 Resp: 304412

Ion Ratio Lower Upper

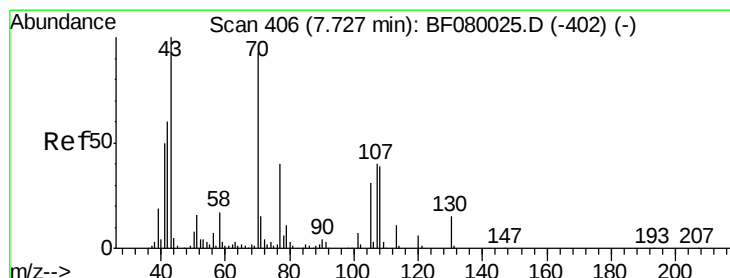
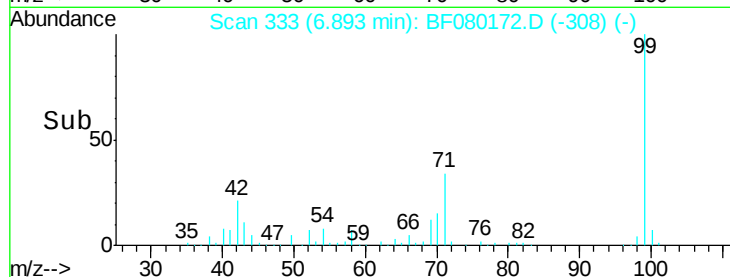
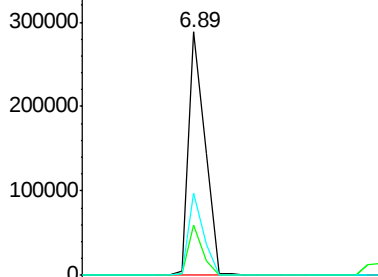
99 100

42 20.7 13.7 20.5#

71 33.9 14.2 21.2#



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.36 ng

RT: 7.85 min Scan# 417

Delta R.T. 0.16 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

Tgt Ion: 70 Resp: 25084

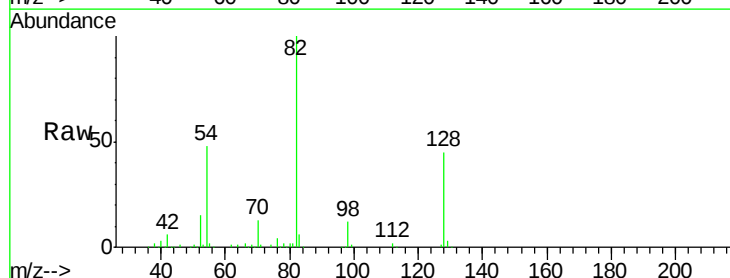
Ion Ratio Lower Upper

70 100

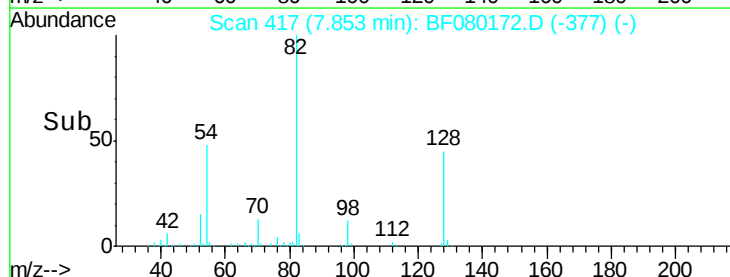
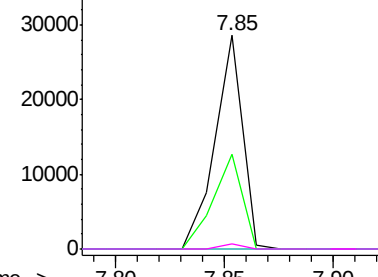
42 44.2 63.8 95.6#

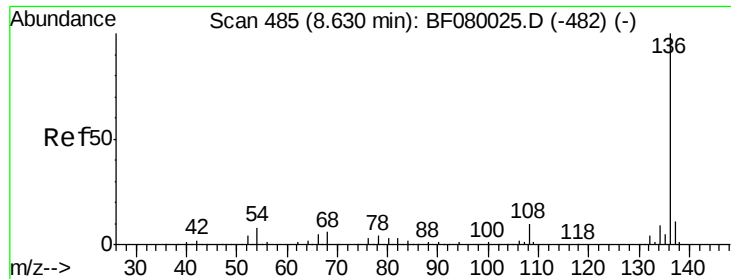
101 0.0 9.2 13.8#

130 2.2 27.3 40.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

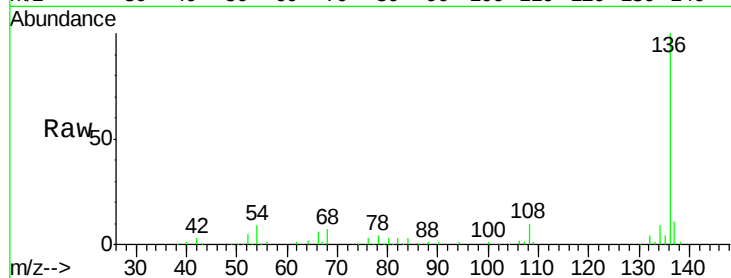




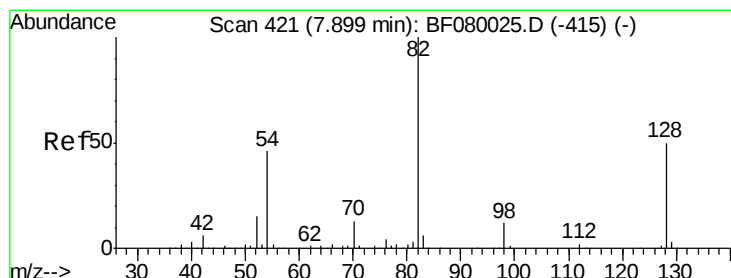
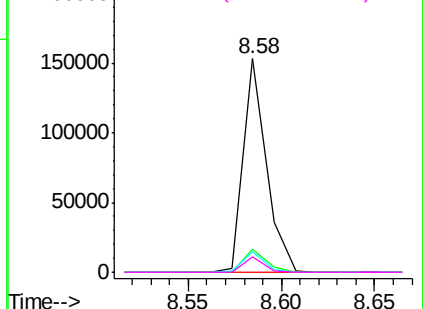
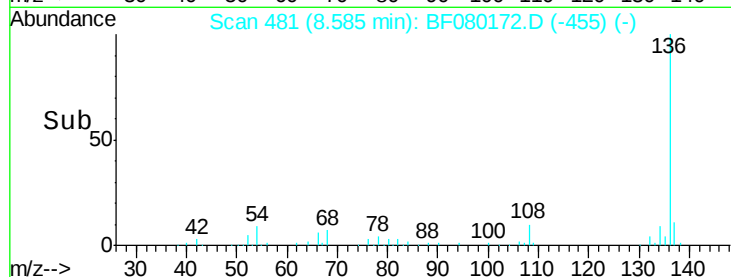
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.58 min Scan# 481
Delta R.T. 0.00 min
Lab File: BF080172.D
Acq: 25 Jun 2015 18:11

Instrument :
BNA_F
ClientSampleId :
PB84215BL

Tgt Ion:	136	Resp:	131321
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	9.4	8.2	12.2
68	7.4	5.8	8.6

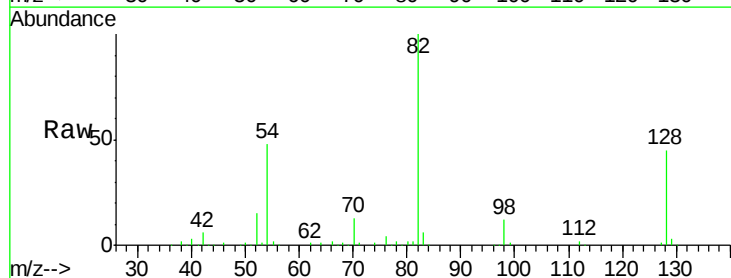


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

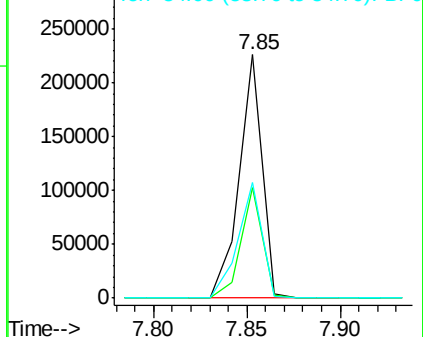
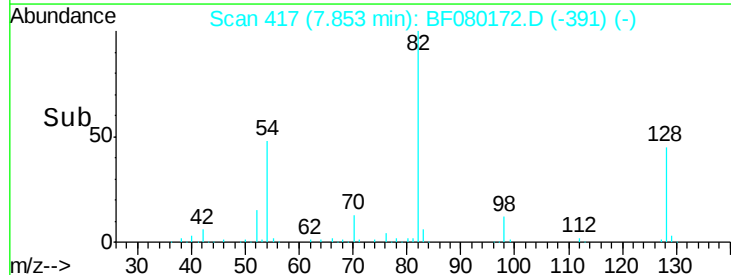


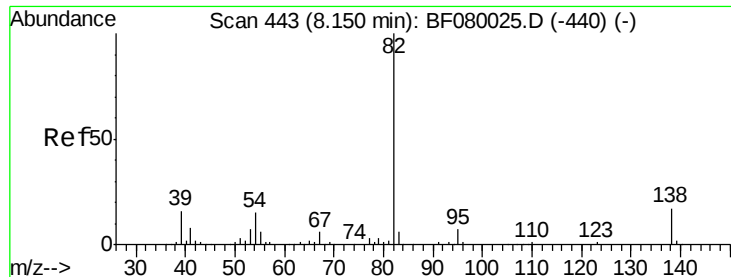
#23
Nitrobenzene-d5
Concen: 86.12 ng
RT: 7.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080172.D
Acq: 25 Jun 2015 18:11

Tgt Ion:	82	Resp:	194255
Ion	Ratio	Lower	Upper
82	100		
128	45.3	51.0	76.6#
54	47.7	47.5	71.3



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





#25

Isophorone

Concen: 34.84 ng

RT: 7.85 min Scan# 417

Delta R.T. -0.26 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PB84215BL

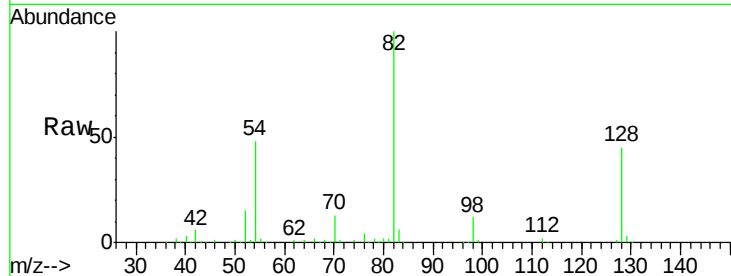
Tgt Ion: 82 Resp: 158167

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

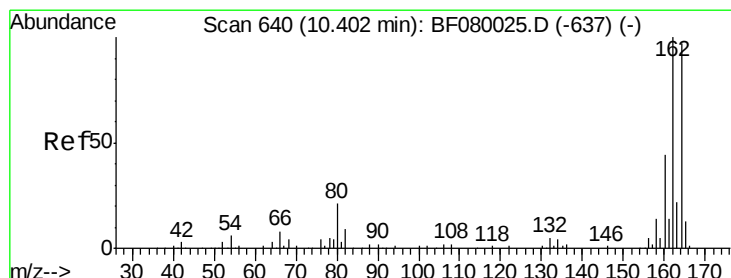
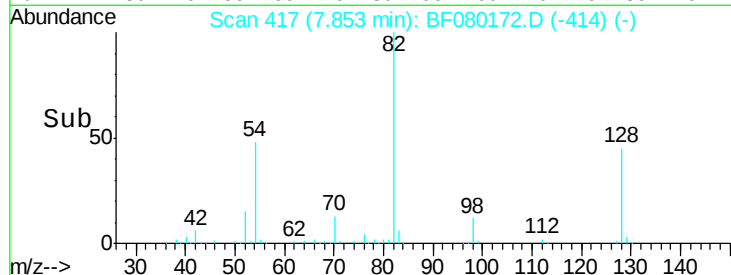
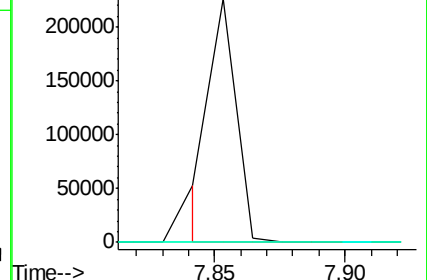
138 0.0 18.3 27.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

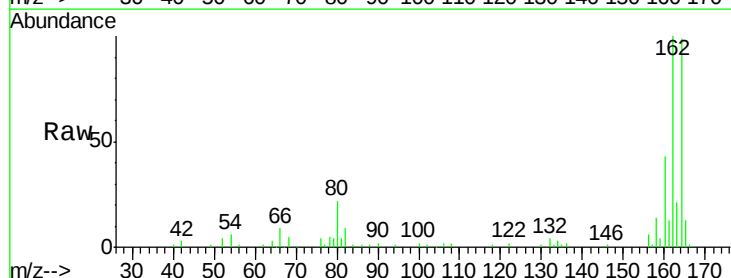
Tgt Ion: 164 Resp: 66645

Ion Ratio Lower Upper

164 100

162 101.4 75.2 112.8

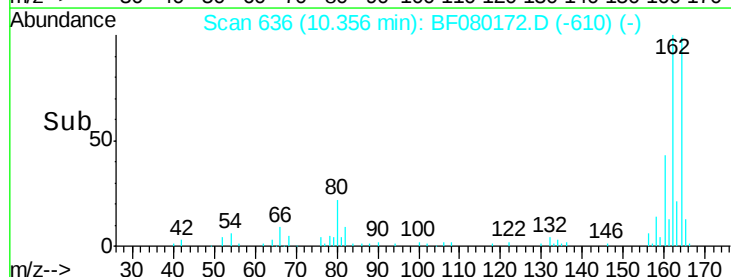
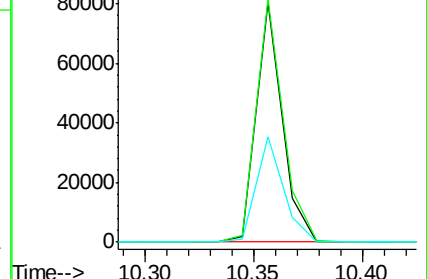
160 43.9 31.5 47.3

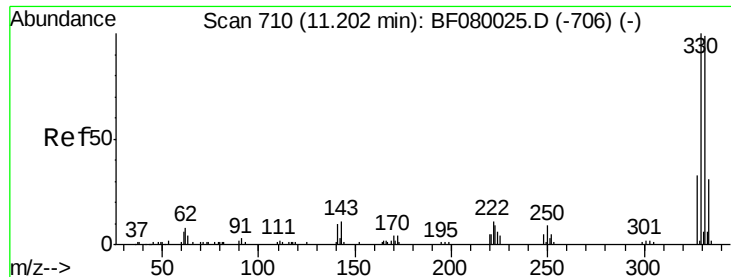


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

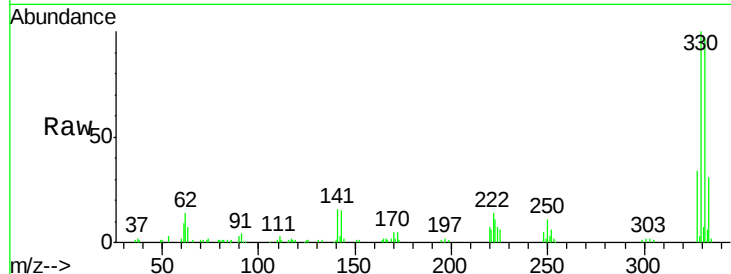




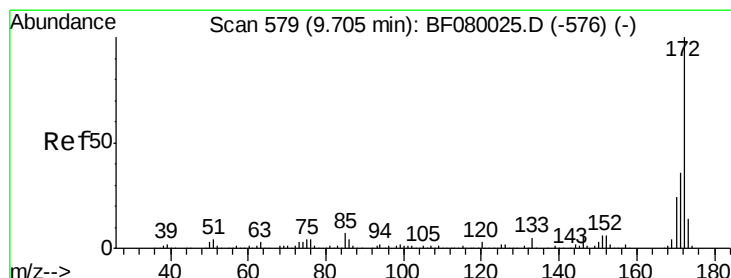
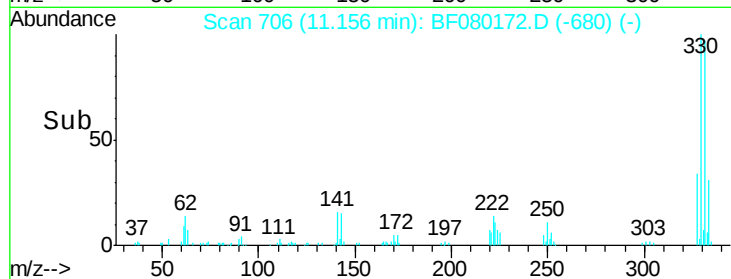
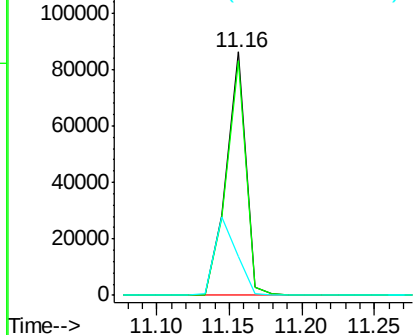
#41
 2,4,6-Tribromophenol
 Concen: 125.04 ng
 RT: 11.16 min Scan# 706
 Delta R.T. 0.00 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BL

Tgt Ion:330 Resp: 81486
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 35.7 29.7 44.5

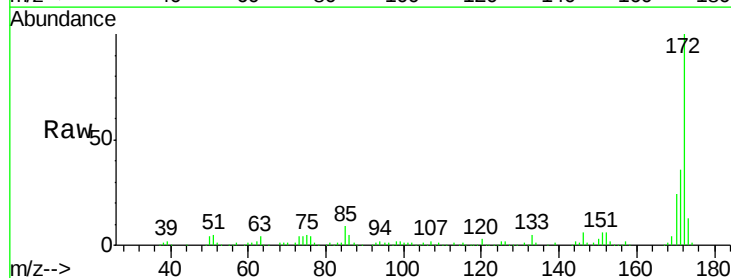


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

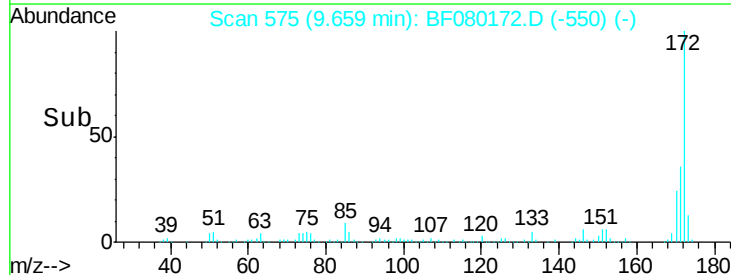
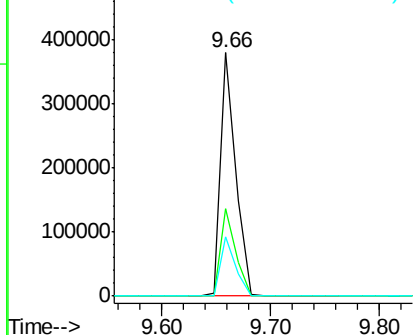


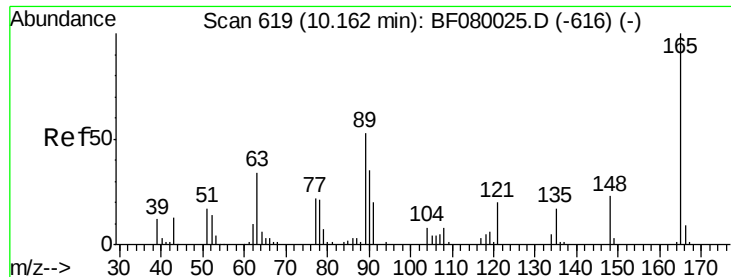
#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 9.66 min Scan# 575
 Delta R.T. -0.01 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

Tgt Ion:172 Resp: 368502
 Ion Ratio Lower Upper
 172 100
 171 35.9 26.1 39.1
 170 24.4 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

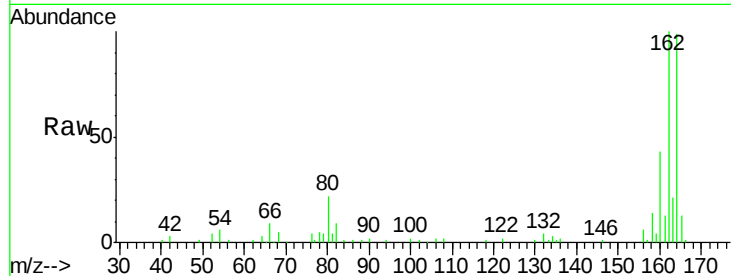




#50
 2,6-Dinitrotoluene
 Concen: 8.48 ng
 RT: 10.36 min Scan# 636
 Delta R.T. 0.23 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

Instrument :
 BNA_F
 ClientSampled :
 PB84215BL

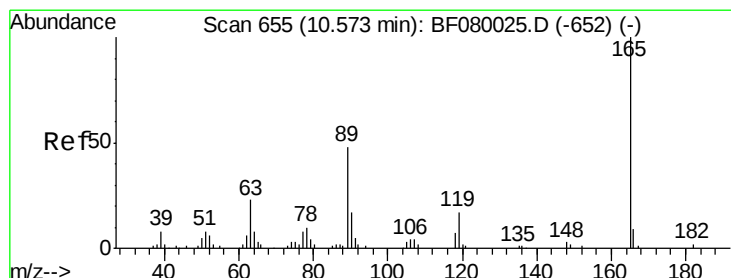
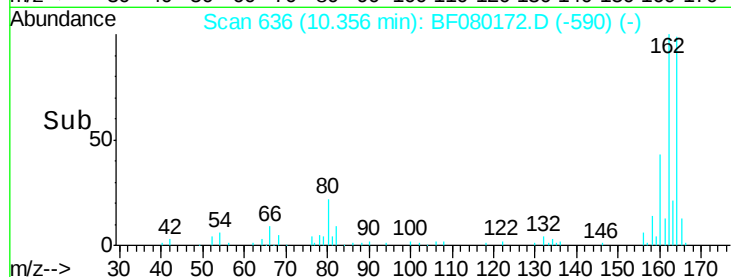
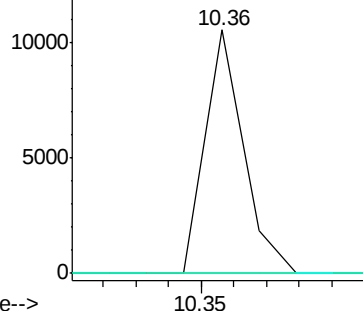
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	32.3	48.5#
89	0.0	28.6	43.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.68 ng
 RT: 10.36 min Scan# 636
 Delta R.T. -0.17 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

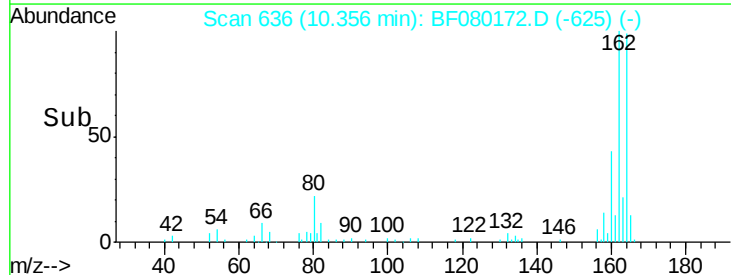
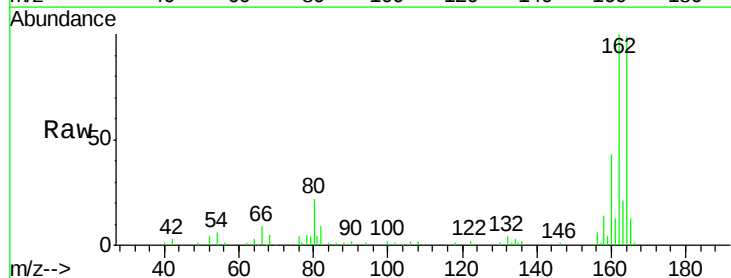
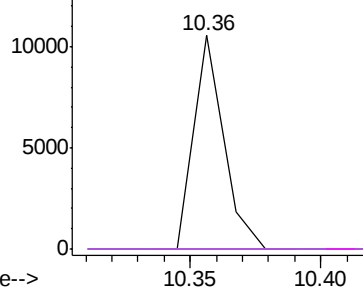
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#

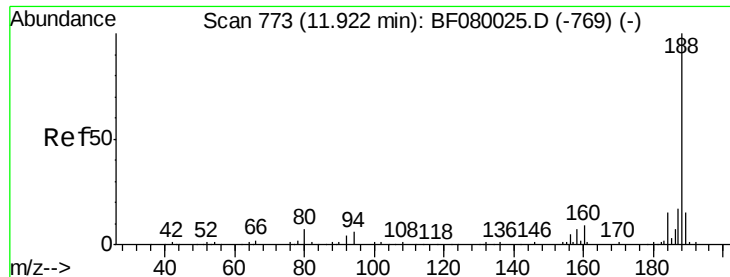
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

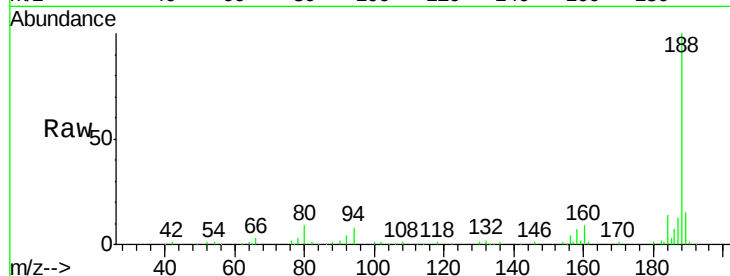




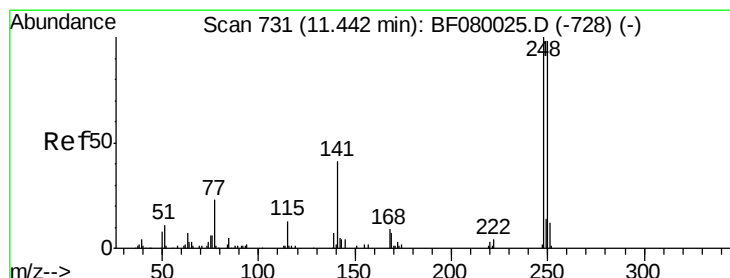
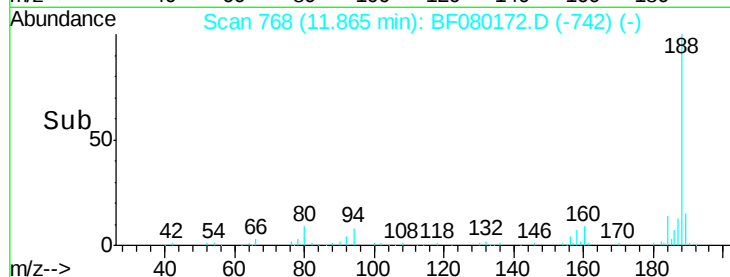
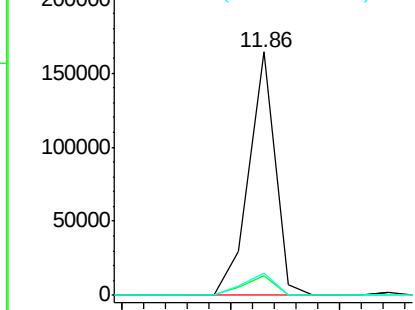
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.86 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

Instrument :
 BNA_F
 ClientSampleId :
 PB84215BL

Tgt Ion:188 Resp: 138276
 Ion Ratio Lower Upper
 188 100
 94 7.9 11.1 16.7#
 80 9.1 11.0 16.4#

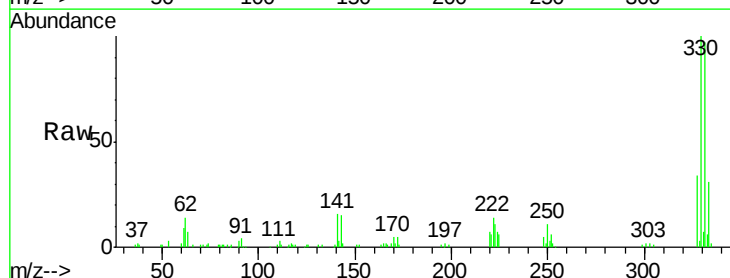


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

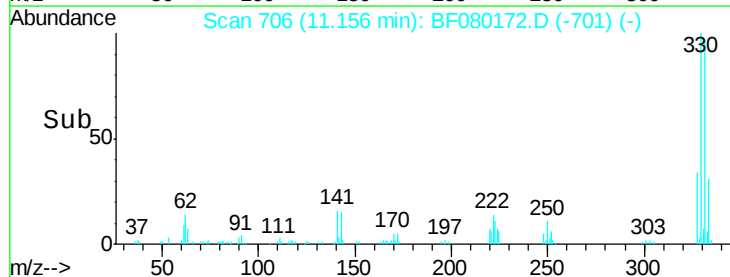
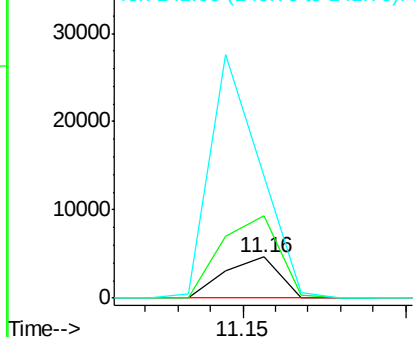


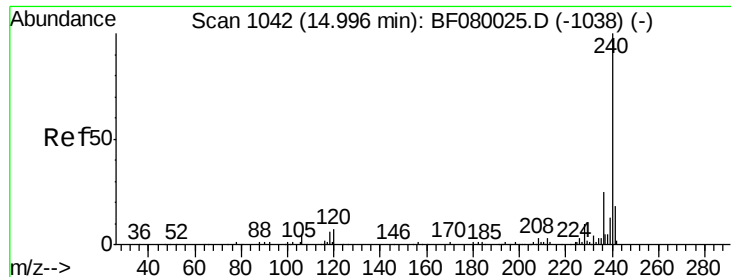
#66
 4-Bromophenyl-phenylether
 Concen: 3.58 ng
 RT: 11.16 min Scan# 706
 Delta R.T. -0.24 min
 Lab File: BF080172.D
 Acq: 25 Jun 2015 18:11

Tgt Ion:248 Resp: 5267
 Ion Ratio Lower Upper
 248 100
 250 202.2 78.5 117.7#
 141 297.6 59.0 88.6#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.84 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PB84215BL

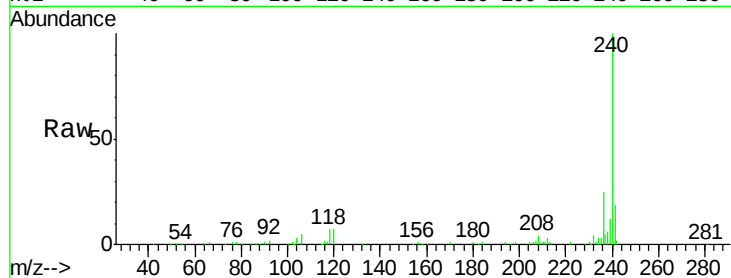
Tgt Ion:240 Resp: 140938

Ion Ratio Lower Upper

240 100

120 7.4 16.2 24.2#

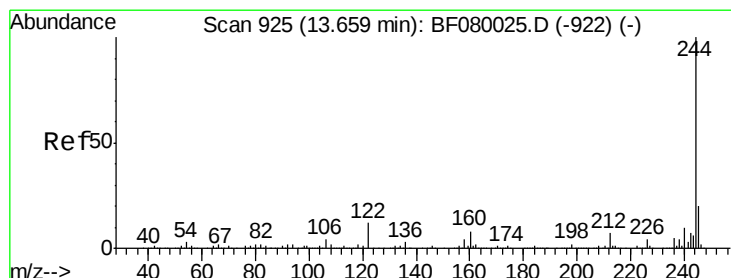
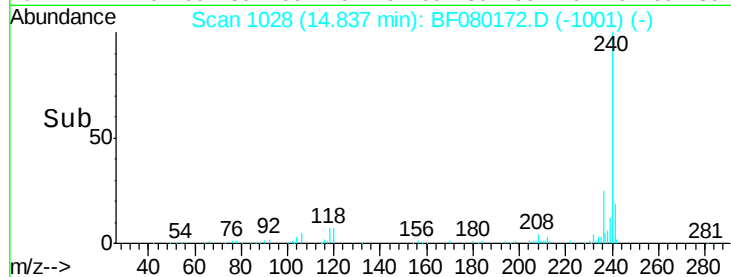
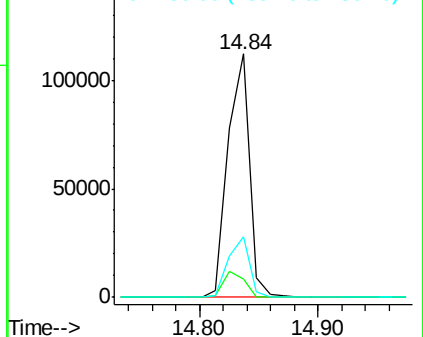
236 24.9 18.4 27.6



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: 82.85 ng

RT: 13.56 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

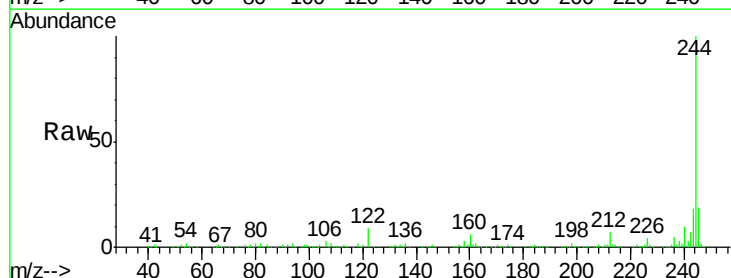
Tgt Ion:244 Resp: 499981

Ion Ratio Lower Upper

244 100

212 6.7 4.3 6.5#

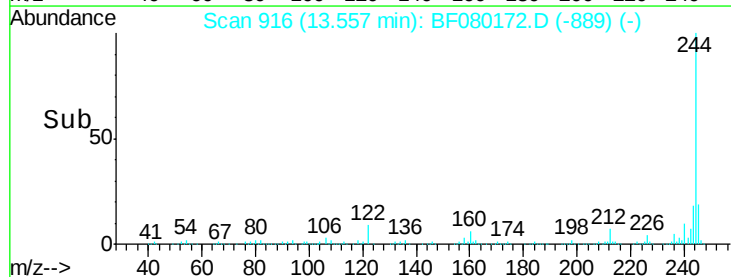
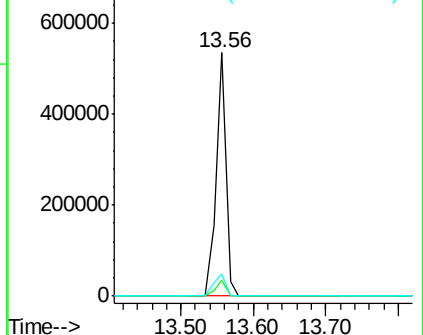
122 9.3 17.4 26.2#

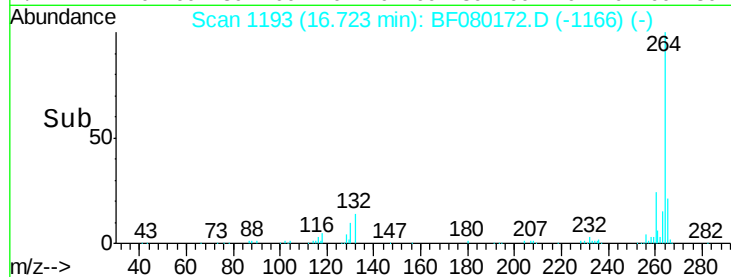
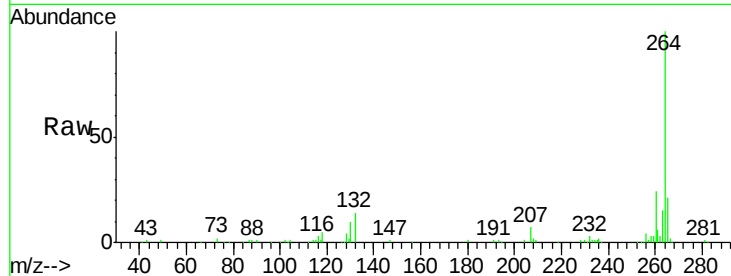
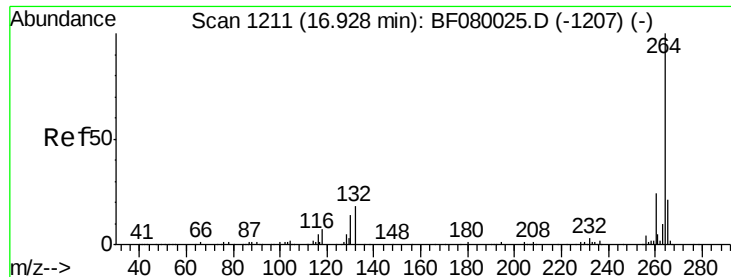


Abundance Ion 244.00 (243.70 to 244.70): E

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: 16.72 min Scan# 1193

Delta R.T. 0.01 min

Lab File: BF080172.D

Acq: 25 Jun 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PB84215BL

Tgt Ion:264 Resp: 136962

Ion Ratio Lower Upper

264 100

260 24.3 16.7 25.1

265 20.8 17.2 25.8

