

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
 Data File : BF080314.D
 Acq On : 2 Jul 2015 18:02
 Operator : TP/UM
 Sample : PB84340BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BL

Quant Time: Jul 03 04:49:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 03 03:51:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	36702	20.00	ng	0.00
21) Naphthalene-d8	8.53	136	134790	20.00	ng	0.00
38) Acenaphthene-d10	10.29	164	63247	20.00	ng	-0.01
63) Phenanthrene-d10	11.80	188	131520	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	145516	20.00	ng	-0.19
86) Perylene-d12	16.44	264	136952	20.00	ng	-0.32
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	178668	84.30	ng	0.00
7) Phenol-d6	6.84	99	219749	77.24	ng	0.00
23) Nitrobenzene-d5	7.80	82	185147	75.63	ng	0.00
41) 2,4,6-Tribromophenol	11.09	330	55794	92.65	ng	0.00
44) 2-Fluorobiphenyl	9.61	172	432710	98.47	ng	0.00
78) Terphenyl-d14	13.44	244	485065	78.08	ng	-0.10

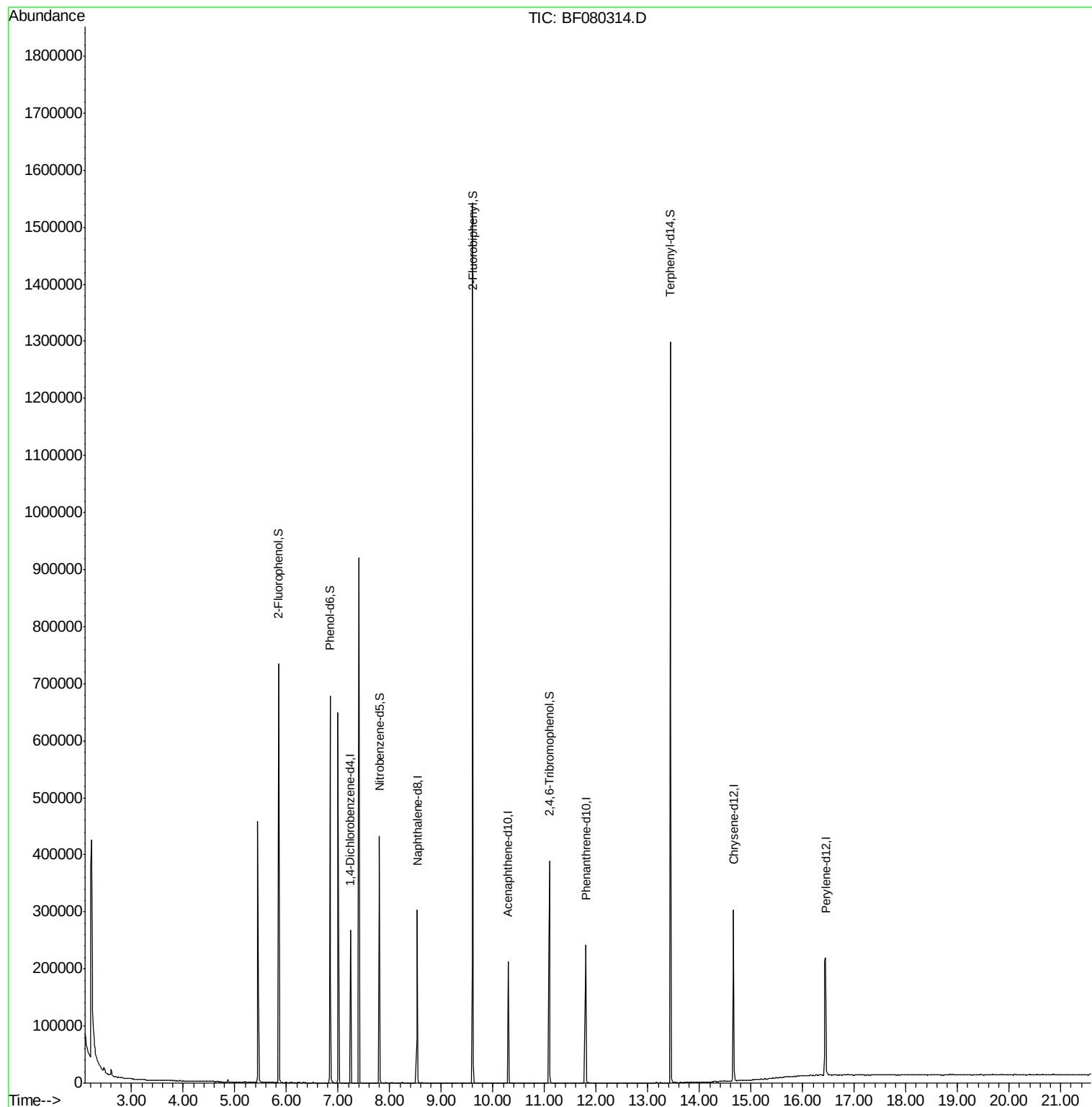
Target Compounds	Qvalue
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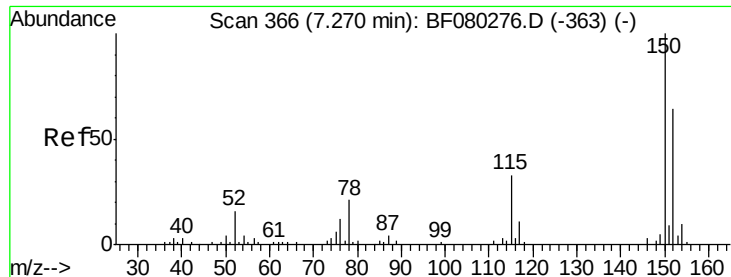
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.24 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

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PB84340BL

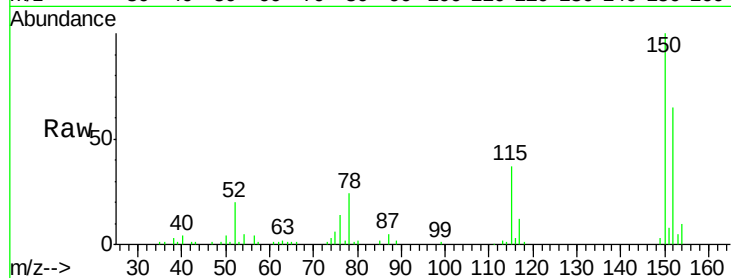
Tgt Ion:152 Resp: 36702

Ion Ratio Lower Upper

152 100

150 153.5 124.7 187.1

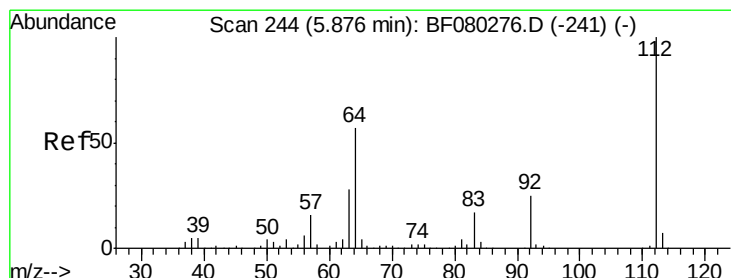
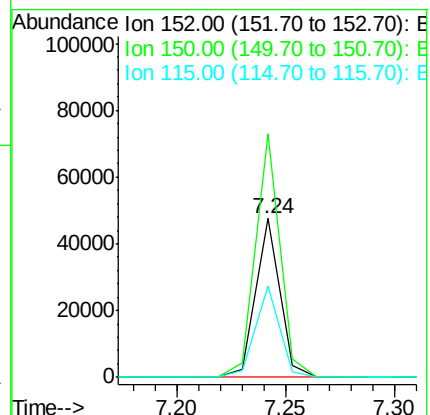
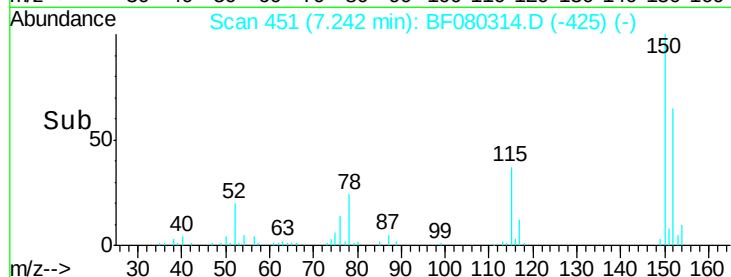
115 57.2 41.0 61.6



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: 84.30 ng

RT: 5.85 min Scan# 329

Delta R.T. -0.00 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

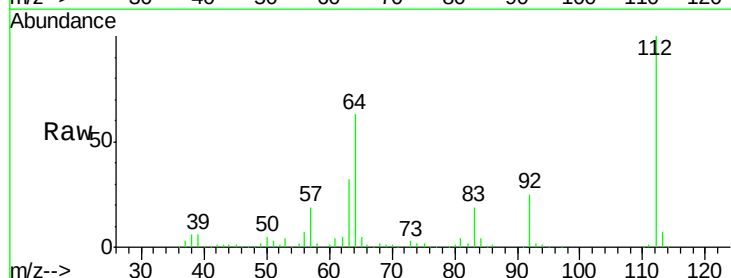
Tgt Ion:112 Resp: 178668

Ion Ratio Lower Upper

112 100

64 62.7 45.5 68.3

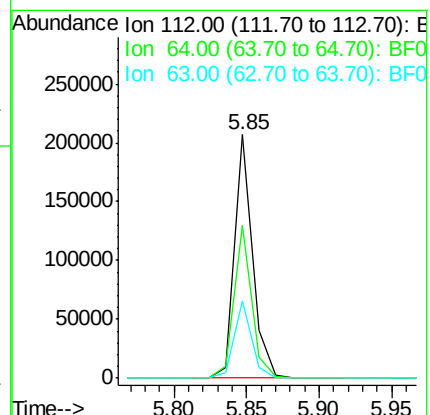
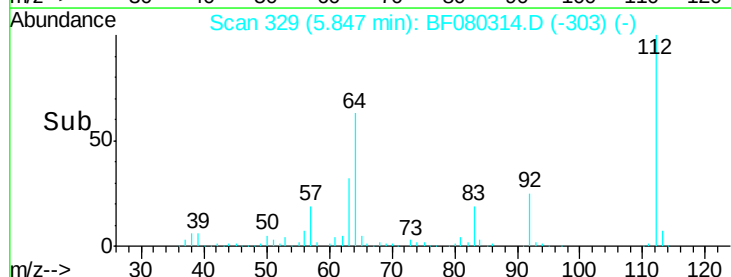
63 31.9 22.4 33.6

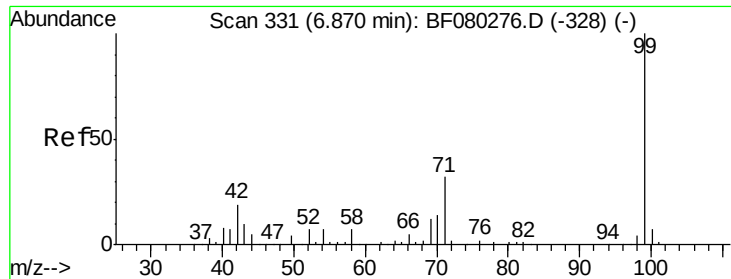


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 77.24 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

Instrument :

BNA_F

ClientSampleId :

PB84340BL

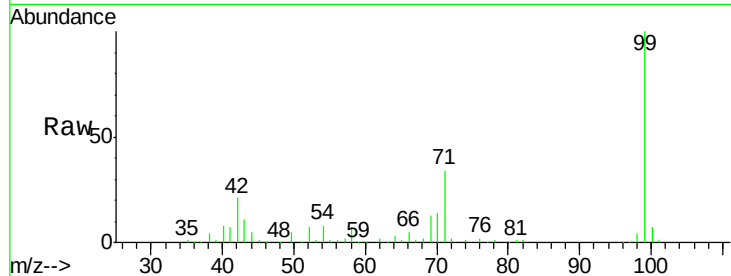
Tgt Ion: 99 Resp: 219749

Ion Ratio Lower Upper

99 100

42 21.0 15.4 23.2

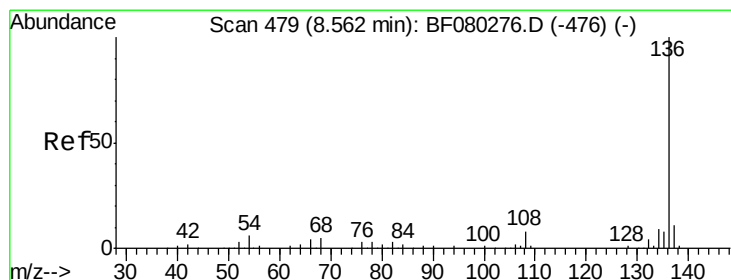
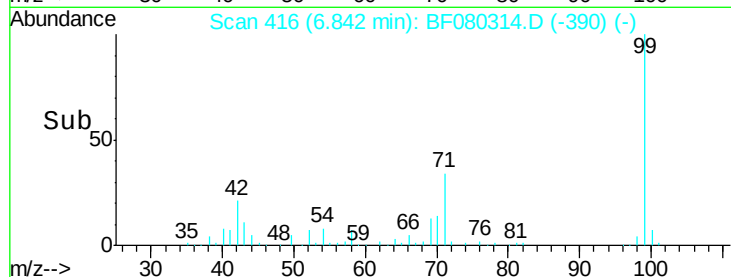
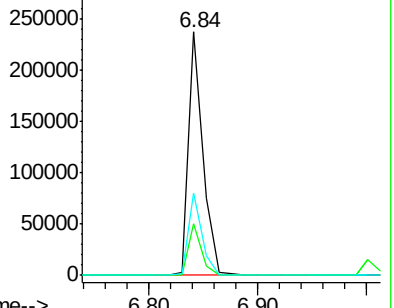
71 33.9 25.8 38.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.53 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

Tgt Ion: 136 Resp: 134790

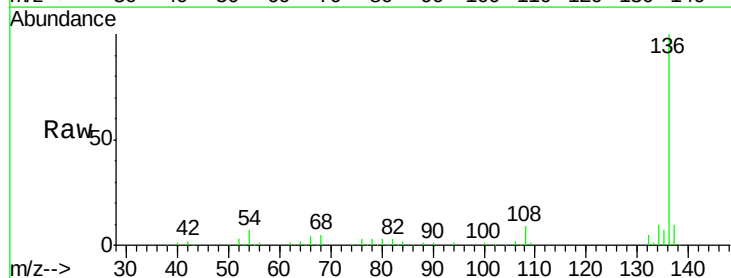
Ion Ratio Lower Upper

136 100

137 10.4 8.4 12.6

54 6.6 4.9 7.3

68 5.3 4.0 6.0

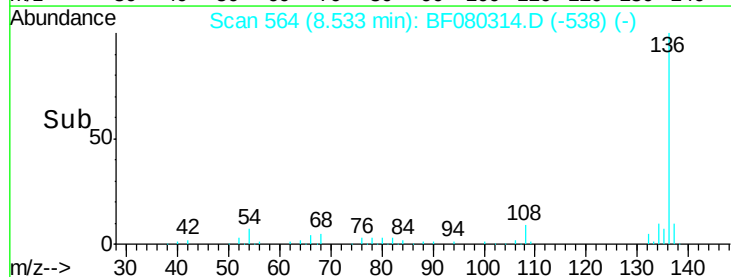
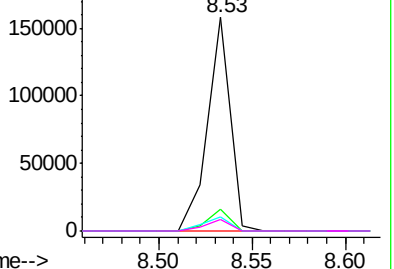


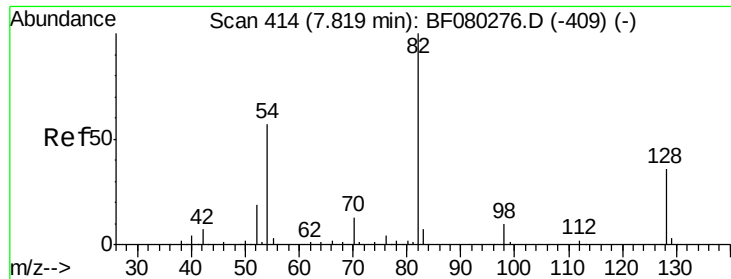
Abundance Ion 136.00 (135.70 to 136.70): E

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

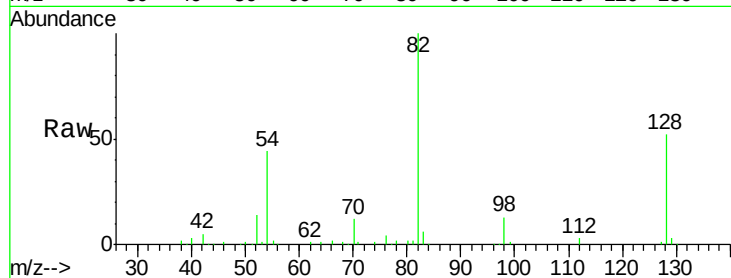




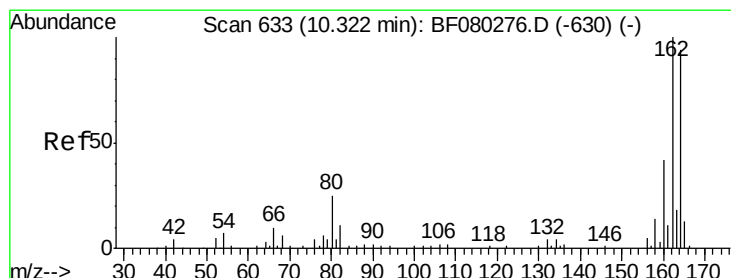
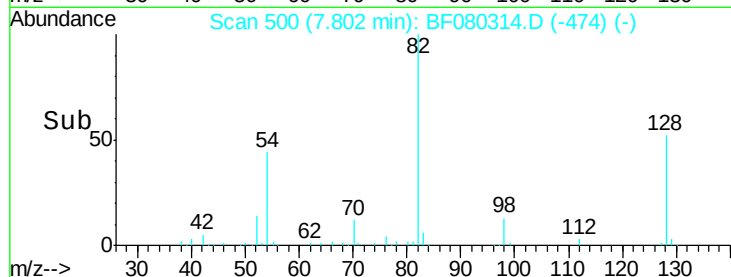
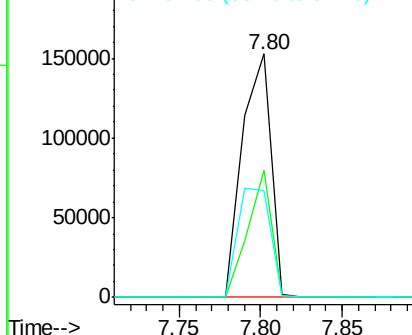
#23
 Nitrobenzene-d5
 Concen: 75.63 ng
 RT: 7.80 min Scan# 500
 Delta R.T. -0.00 min
 Lab File: BF080314.D
 Acq: 2 Jul 2015 18:02

Instrument :
 BNA_F
 ClientSampleId :
 PB84340BL

Tgt Ion: 82 Resp: 185147
 Ion Ratio Lower Upper
 82 100
 128 52.3 29.0 43.4#
 54 44.1 45.3 67.9#

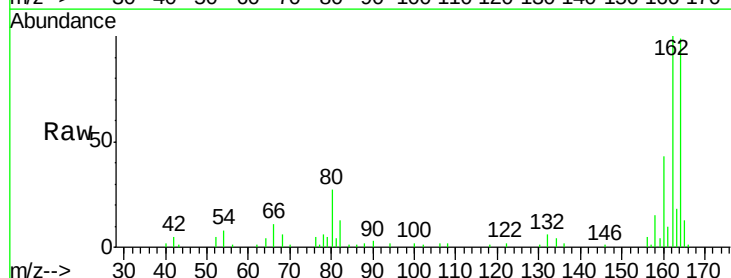


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

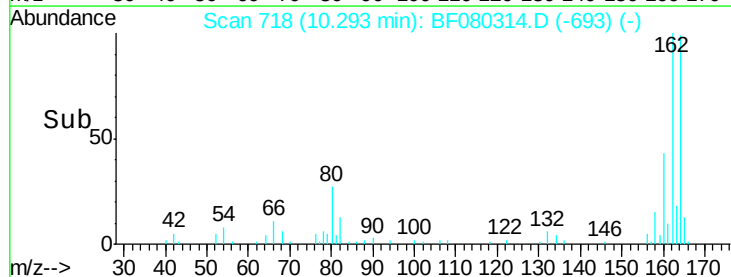
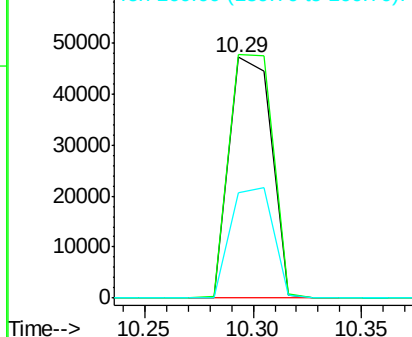


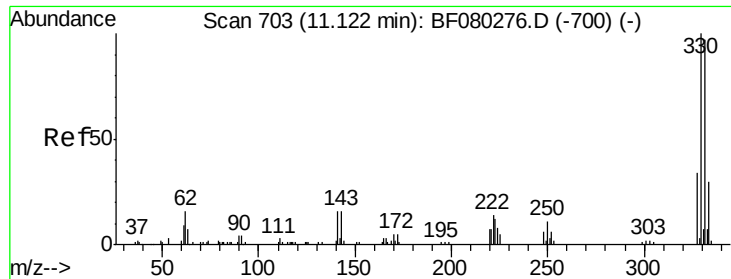
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.29 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF080314.D
 Acq: 2 Jul 2015 18:02

Tgt Ion: 164 Resp: 63247
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.8 127.2
 160 43.9 35.8 53.8



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

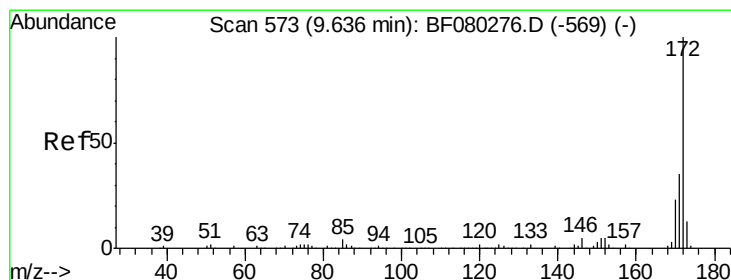
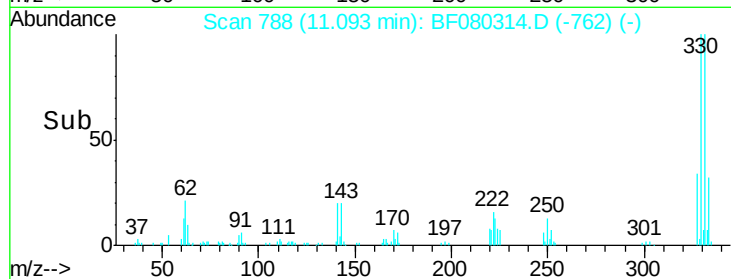
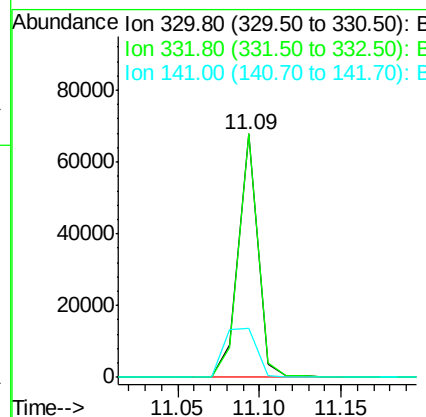
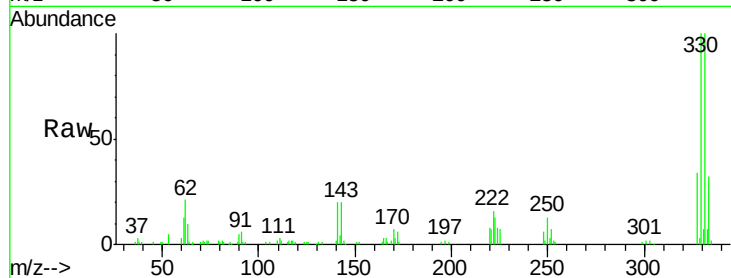




#41
 2,4,6-Tribromophenol
 Concen: 92.65 ng
 RT: 11.09 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF080314.D
 Acq: 2 Jul 2015 18:02

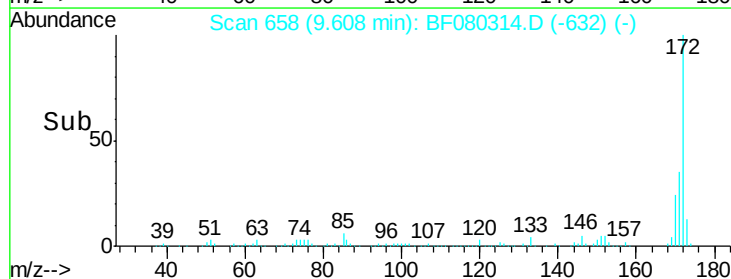
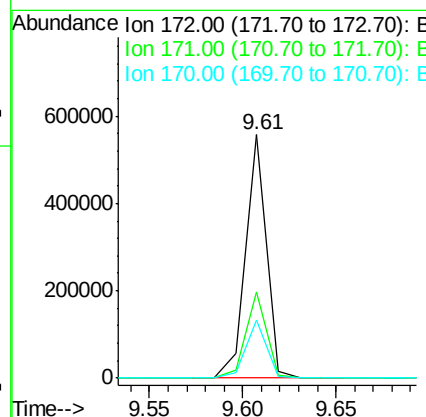
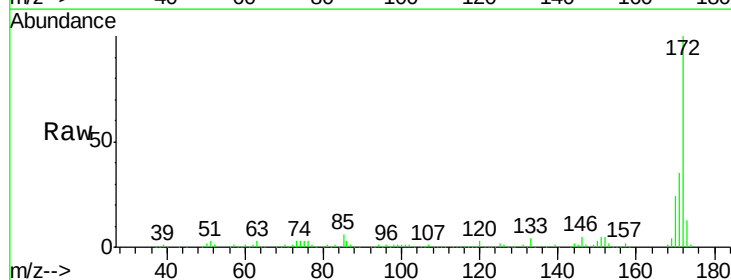
Instrument :
 BNA_F
 ClientSampleId :
 PB84340BL

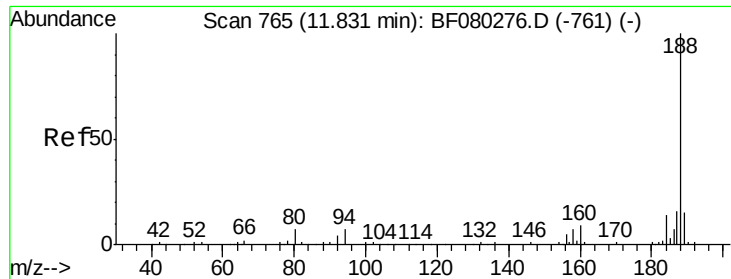
Tgt Ion:330 Resp: 55794
 Ion Ratio Lower Upper
 330 100
 332 99.4 77.4 116.2
 141 33.9 28.0 42.0



#44
 2-Fluorobiphenyl
 Concen: 98.47 ng
 RT: 9.61 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF080314.D
 Acq: 2 Jul 2015 18:02

Tgt Ion:172 Resp: 432710
 Ion Ratio Lower Upper
 172 100
 171 35.2 28.1 42.1
 170 24.0 18.6 28.0

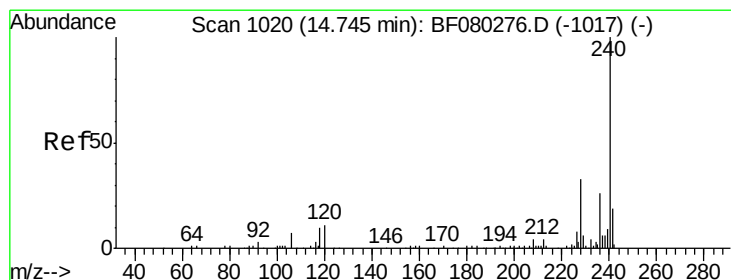
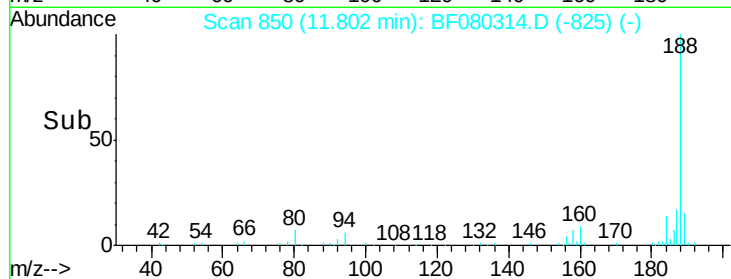
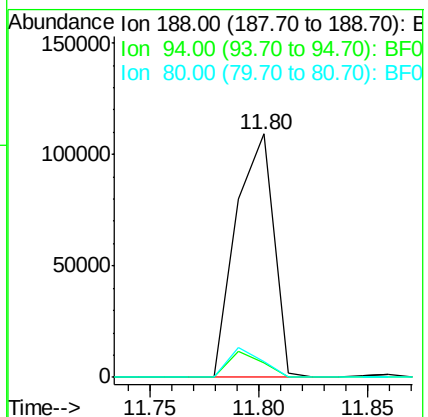
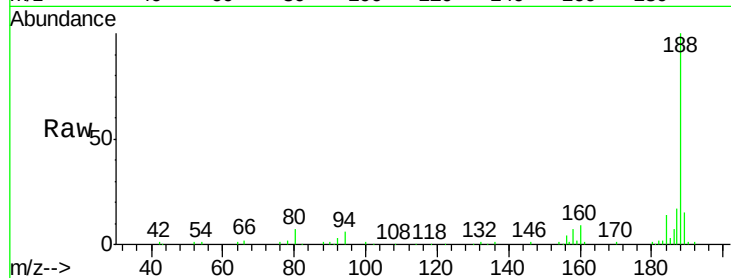




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.80 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF080314.D
Acq: 2 Jul 2015 18:02

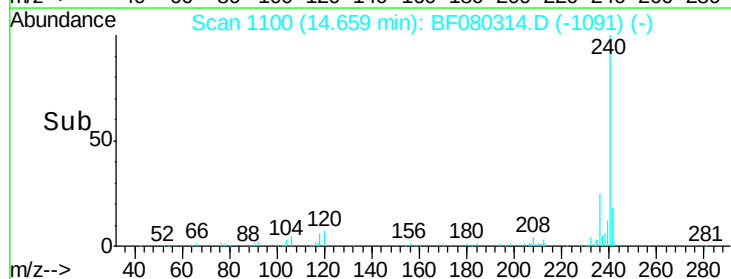
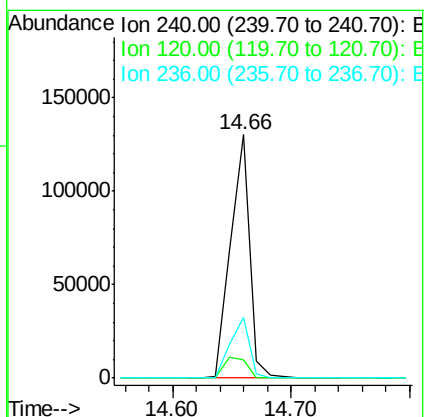
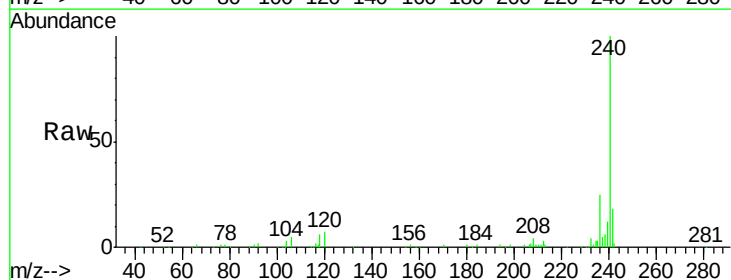
Instrument :
BNA_F
ClientSampleId :
PB84340BL

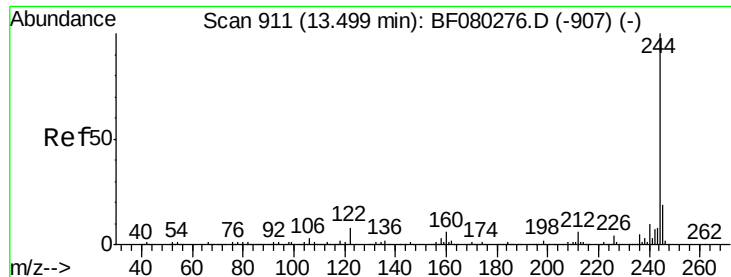
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	5.4	8.0
80	6.6	5.8	8.6



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 1100
Delta R.T. -0.19 min
Lab File: BF080314.D
Acq: 2 Jul 2015 18:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	8.7	13.1#
236	24.9	20.9	31.3





#78

Terphenyl-d14

Concen: 78.08 ng

RT: 13.44 min Scan# 993

Delta R.T. -0.10 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

Instrument :

BNA_F

ClientSampleId :

PB84340BL

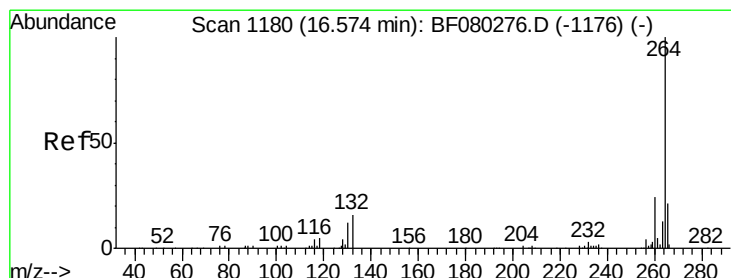
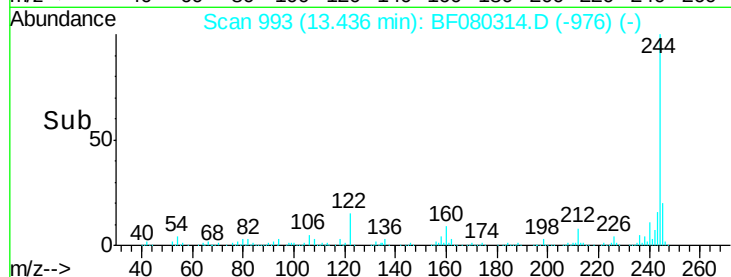
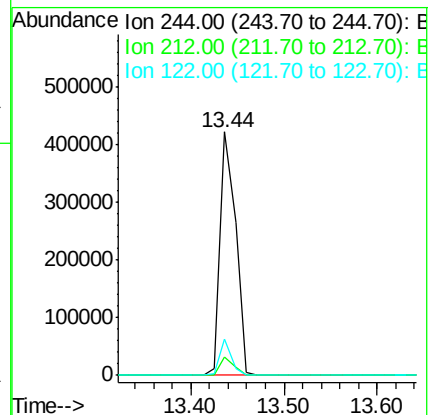
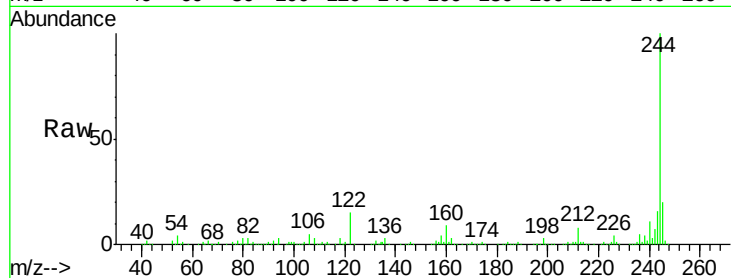
Tgt Ion:244 Resp: 485065

Ion Ratio Lower Upper

244 100

212 7.5 5.0 7.6

122 14.9 6.6 9.8#



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.44 min Scan# 1256

Delta R.T. -0.32 min

Lab File: BF080314.D

Acq: 2 Jul 2015 18:02

Tgt Ion:264 Resp: 136952

Ion Ratio Lower Upper

264 100

260 23.3 19.2 28.8

265 21.3 16.9 25.3

