

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080440.D
 Acq On : 13 Jul 2015 22:00
 Operator : TP/UM
 Sample : G2945-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jul 14 06:49:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 14 00:52:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	20997	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	89233	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	49238	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	98109	20.00	ng	-0.02
75) Chrysene-d12	14.47	240	99641	20.00	ng	-0.25
86) Perylene-d12	16.18	264	85632	20.00	ng	-0.41
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	73069	59.63	ng	0.00
7) Phenol-d6	6.77	99	88133	53.99	ng	0.00
23) Nitrobenzene-d5	7.70	82	76342	48.79	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	30581	63.64	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	178429	48.81	ng	0.00
78) Terphenyl-d14	13.29	244	227888	49.67	ng	-0.11

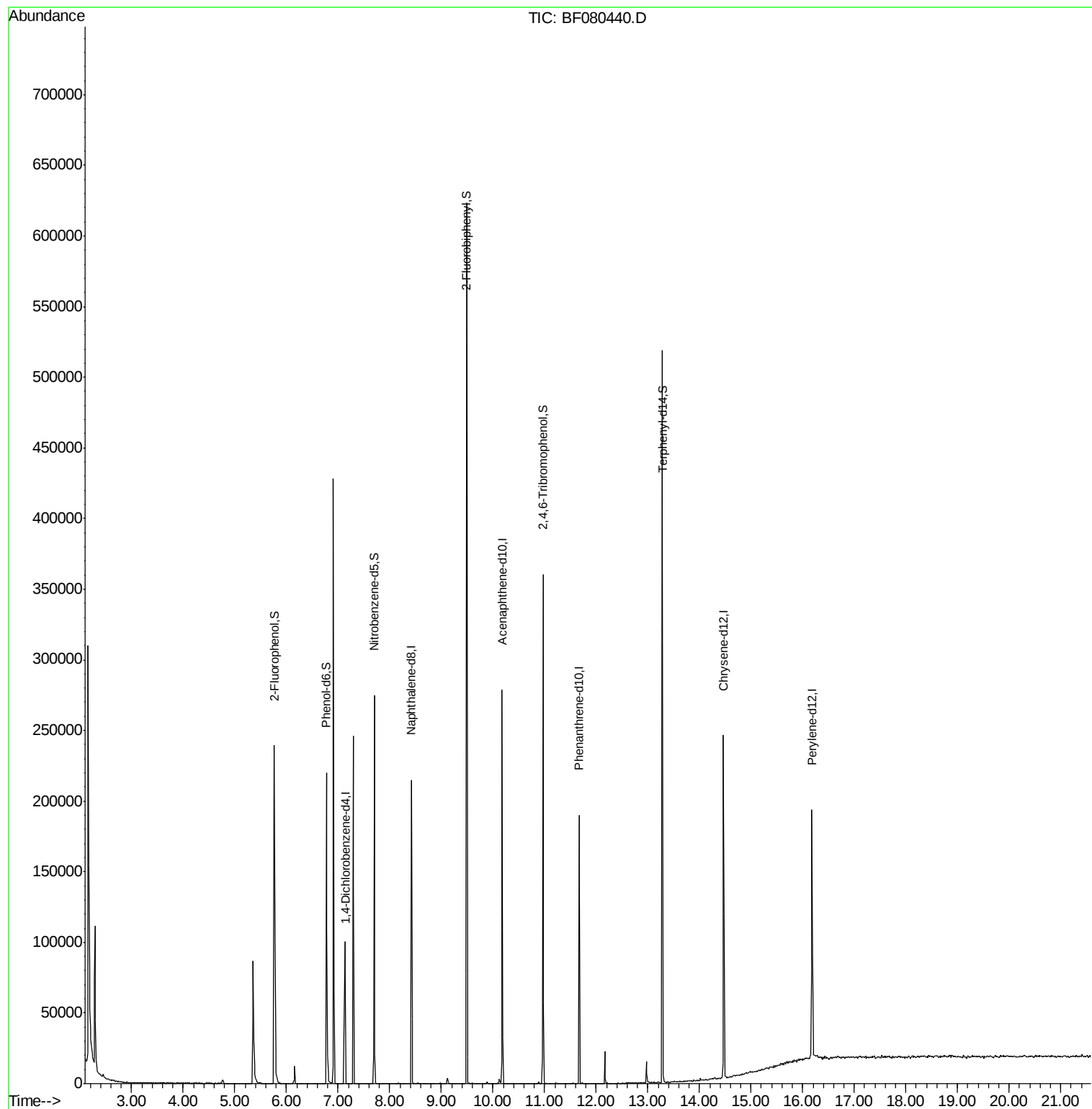
Target Compounds	Qvalue
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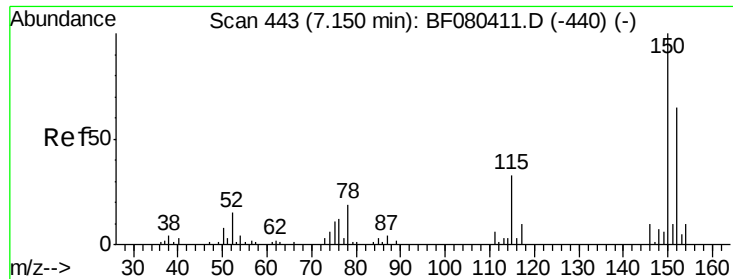
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 14 00:52:37 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampleId :

FB

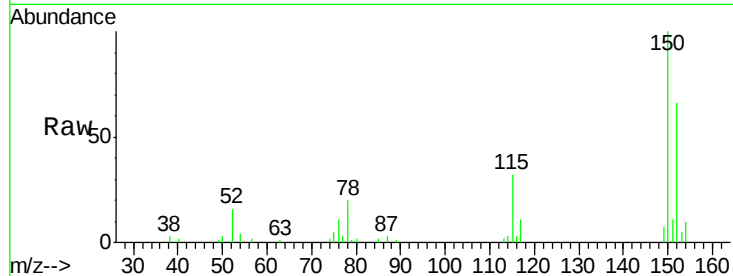
Tgt Ion:152 Resp: 20997

Ion Ratio Lower Upper

152 100

150 151.5 122.3 183.5

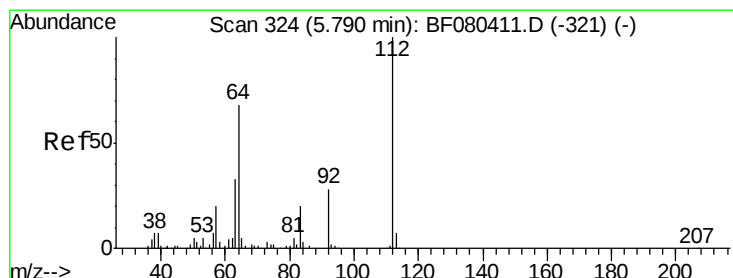
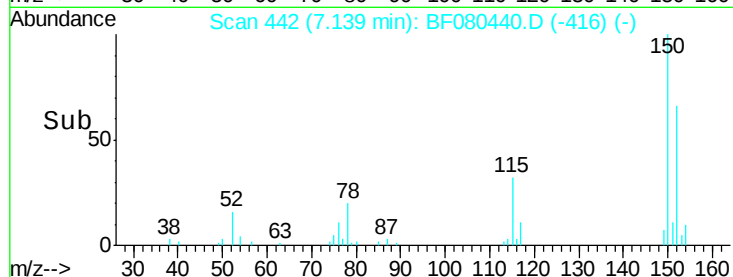
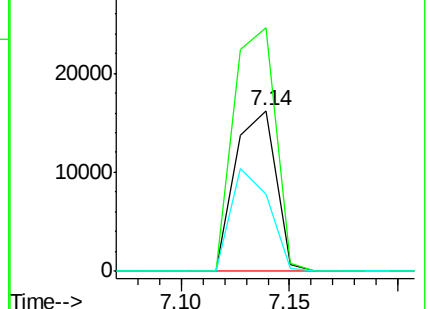
115 48.1 41.0 61.4



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: 59.63 ng

RT: 5.77 min Scan# 322

Delta R.T. 0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

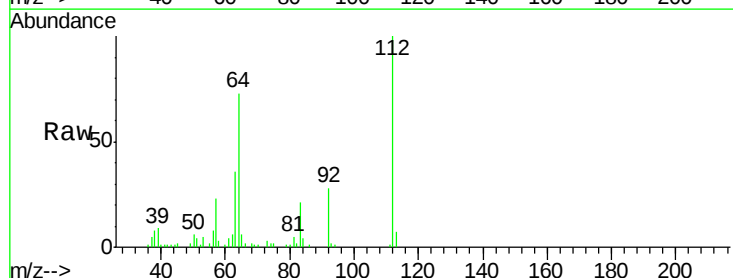
Tgt Ion:112 Resp: 73069

Ion Ratio Lower Upper

112 100

64 72.8 54.3 81.5

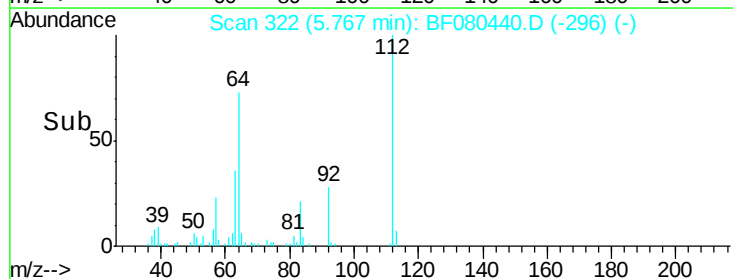
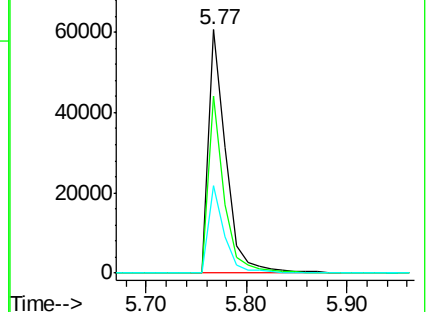
63 36.1 26.7 40.1

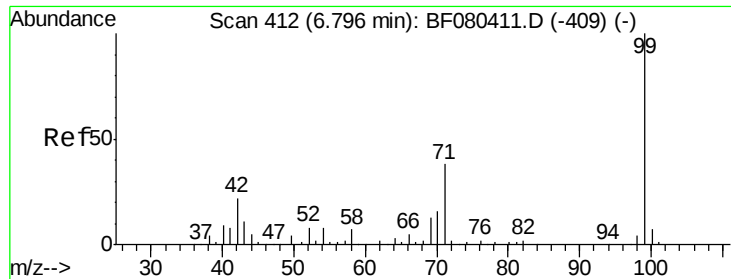


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 53.99 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Instrument :

BNA_F

ClientSampled :

FB

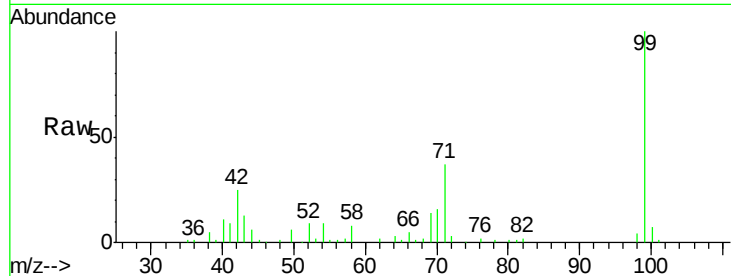
Tgt Ion: 99 Resp: 88133

Ion Ratio Lower Upper

99 100

42 25.4 17.9 26.9

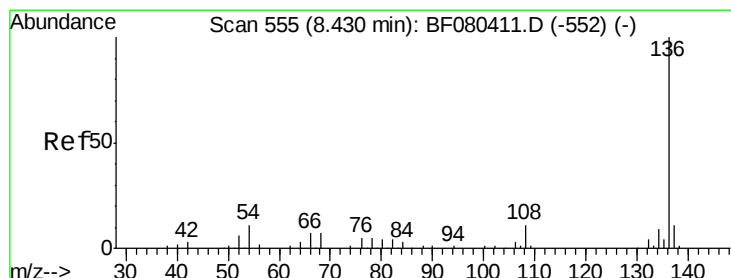
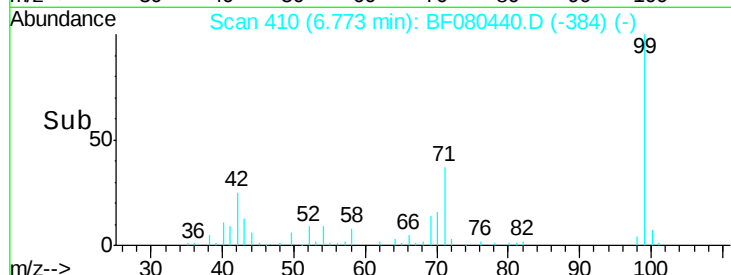
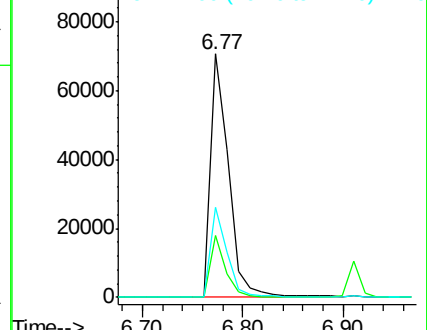
71 36.8 30.1 45.1



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: 8.42 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF080440.D

Acq: 13 Jul 2015 22:00

Tgt Ion: 136 Resp: 89233

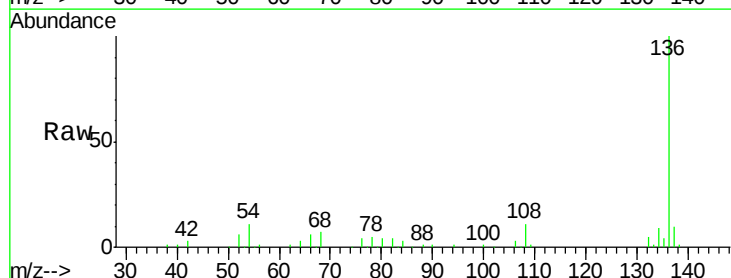
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.4

54 11.0 9.1 13.7

68 7.2 5.9 8.9

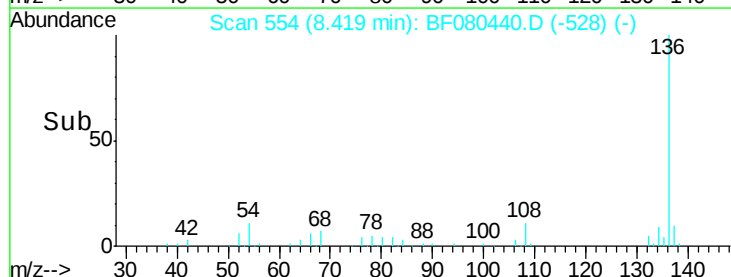
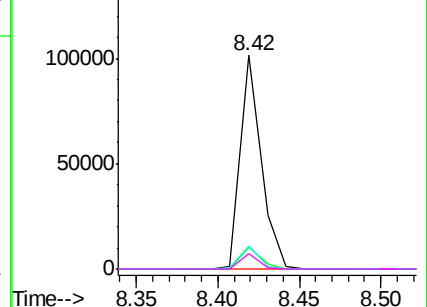


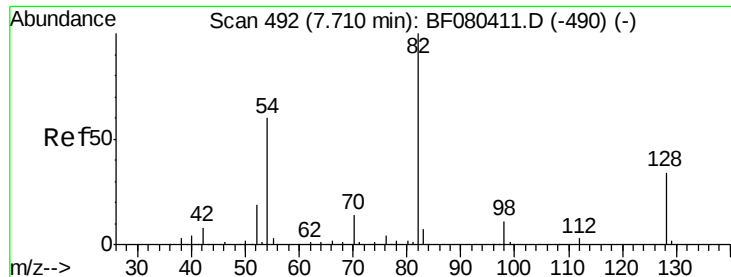
Abundance Ion 136.00 (135.70 to 136.70): E

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

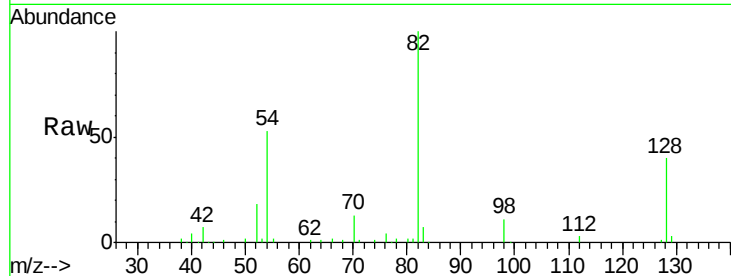




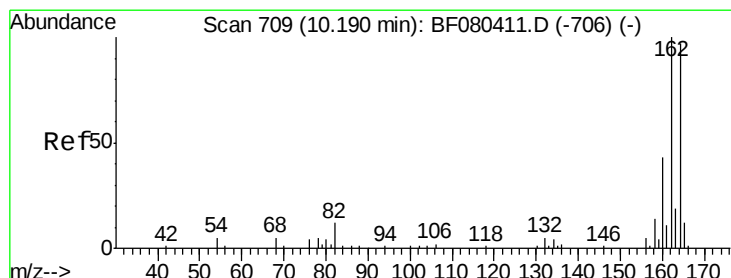
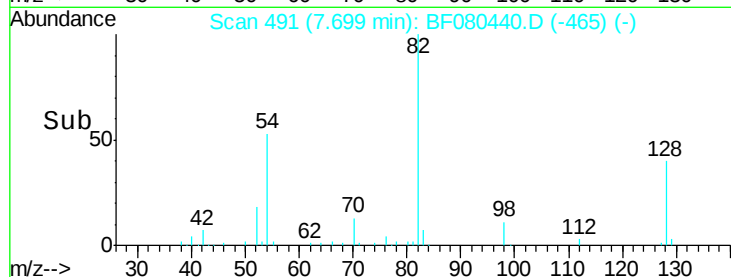
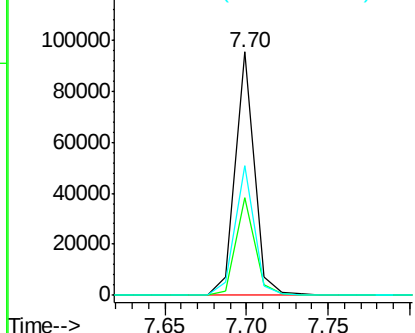
#23
 Nitrobenzene-d5
 Concen: 48.79 ng
 RT: 7.70 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion: 82 Resp: 76342
 Ion Ratio Lower Upper
 82 100
 128 40.2 26.9 40.3
 54 53.2 47.7 71.5

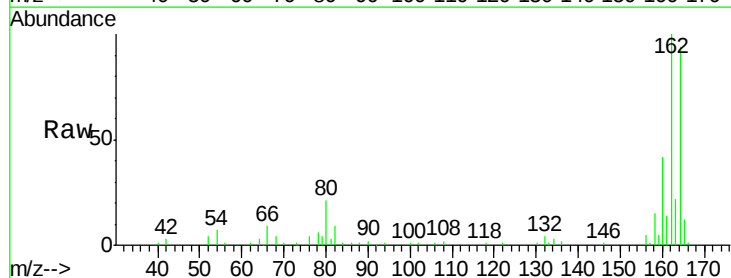


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

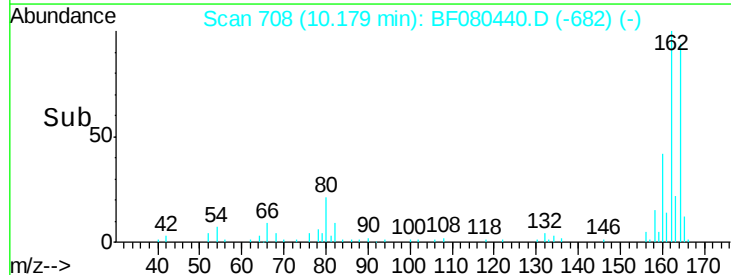
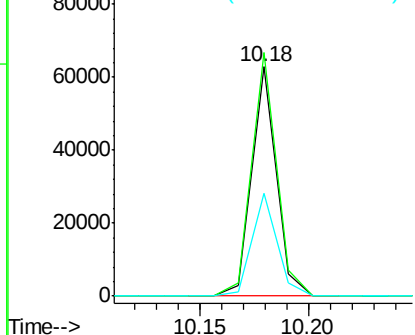


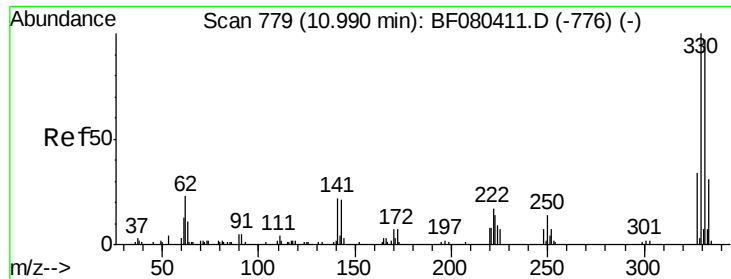
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion: 164 Resp: 49238
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.7 124.1
 160 44.6 35.5 53.3



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

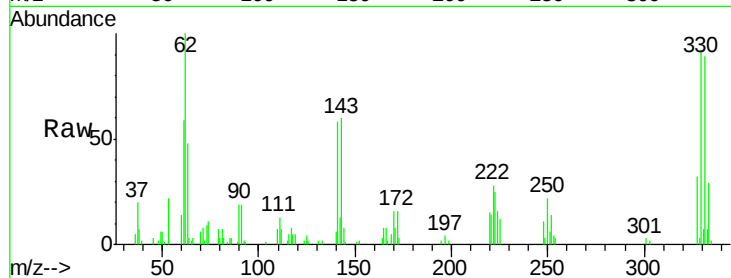




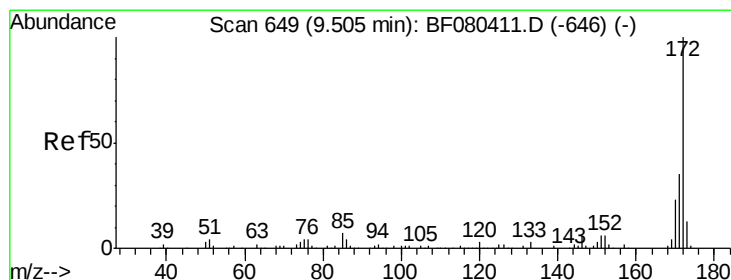
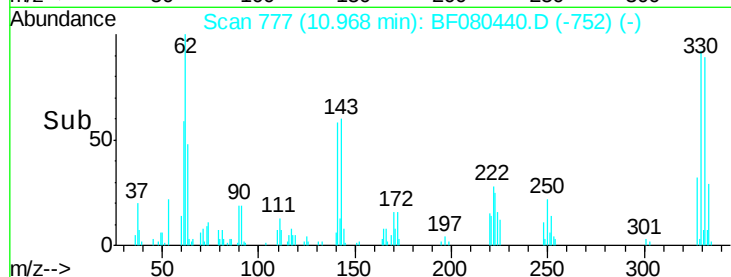
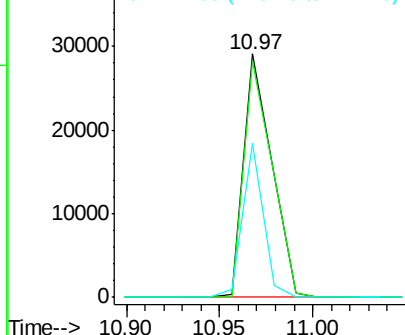
#41
 2,4,6-Tribromophenol
 Concen: 63.64 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Instrument :
 BNA_F
 ClientSampled :
 FB

Tgt Ion: 330 Resp: 30581
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.0 117.0
 141 46.9 28.6 43.0#

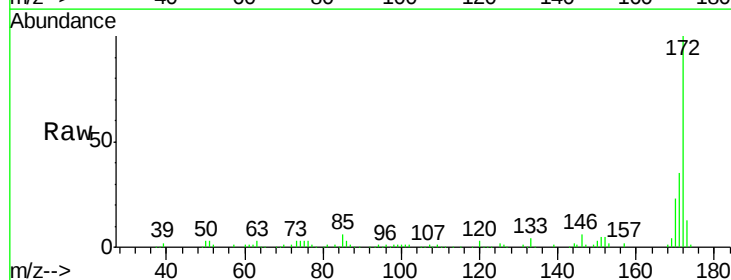


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

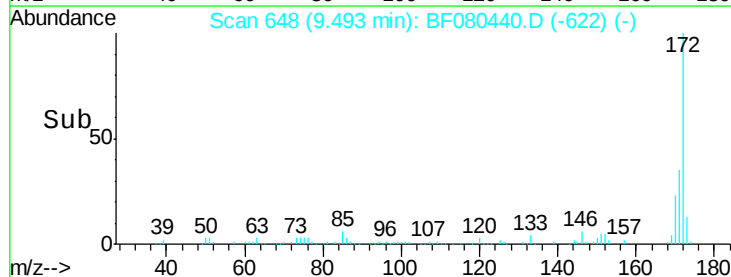
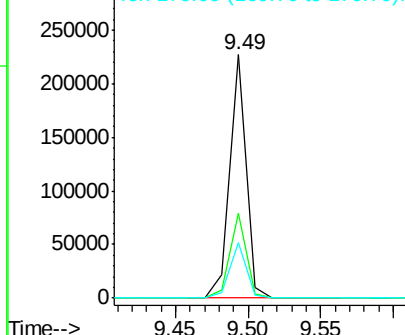


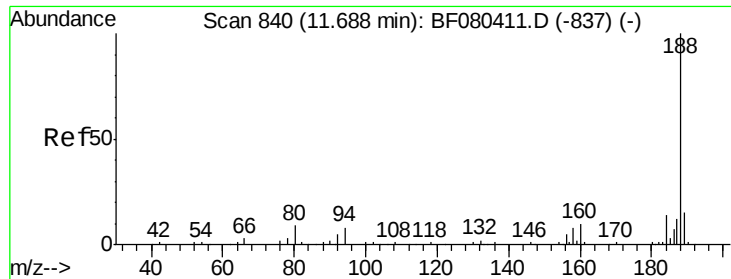
#44
 2-Fluorobiphenyl
 Concen: 48.81 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion: 172 Resp: 178429
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.4 42.6
 170 22.7 18.6 28.0



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

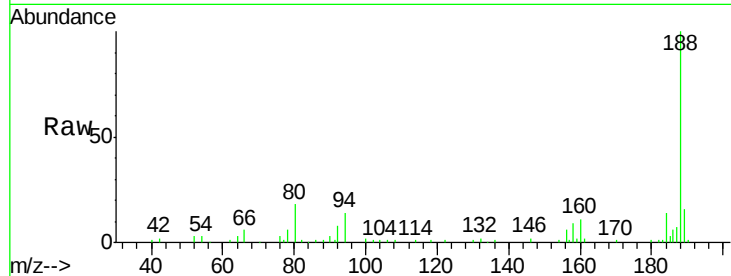




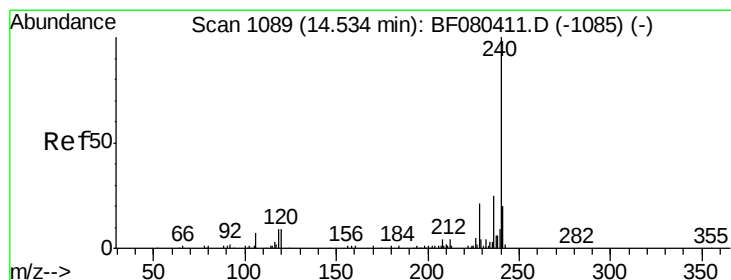
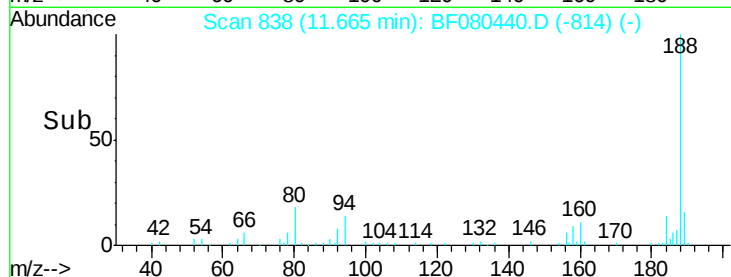
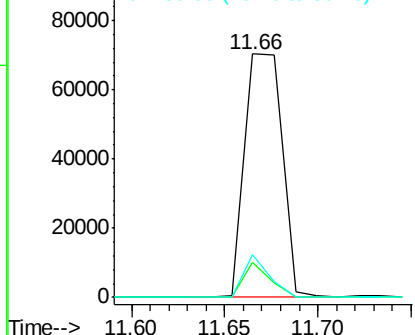
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.66 min Scan# 838
 Delta R.T. -0.02 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:188 Resp: 98109
 Ion Ratio Lower Upper
 188 100
 94 14.2 6.7 10.1#
 80 17.7 7.5 11.3#

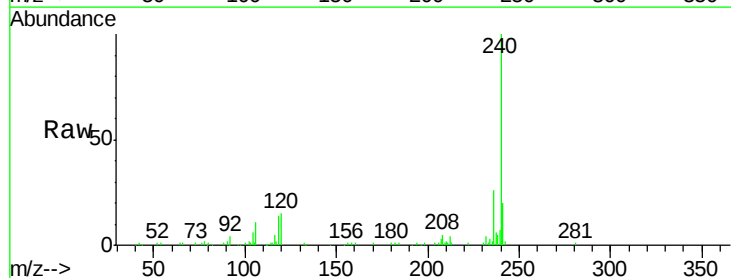


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

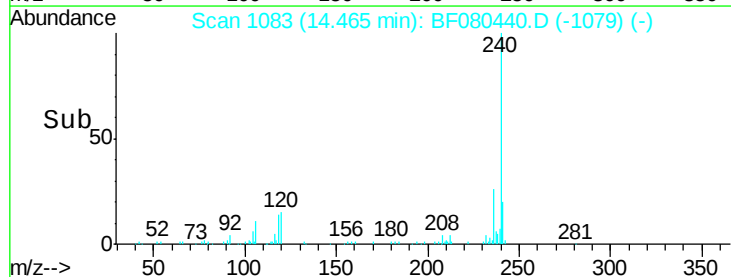
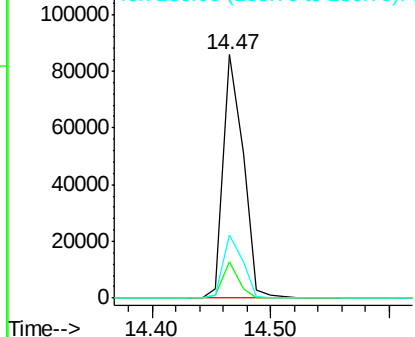


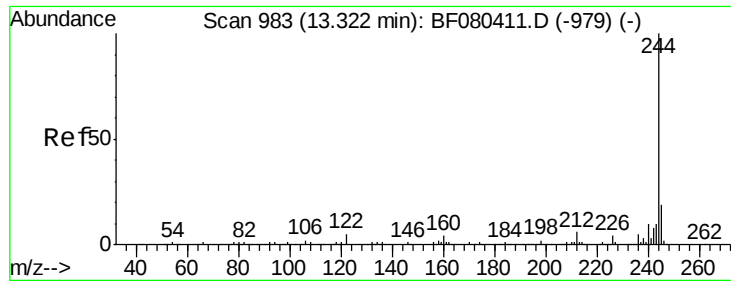
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.47 min Scan# 1083
 Delta R.T. -0.25 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion:240 Resp: 99641
 Ion Ratio Lower Upper
 240 100
 120 14.7 7.4 11.2#
 236 26.0 19.7 29.5



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

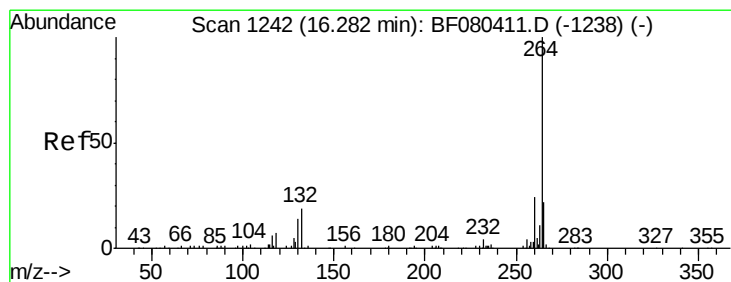
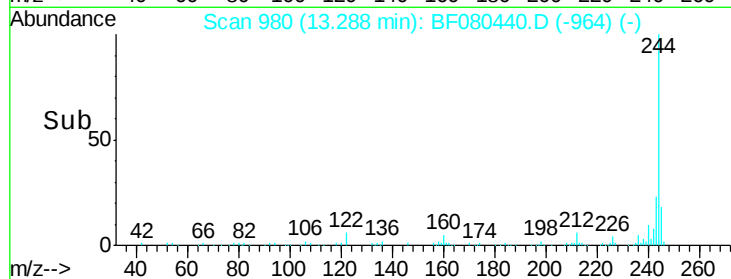
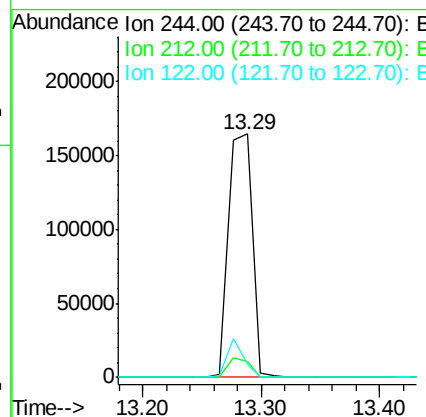
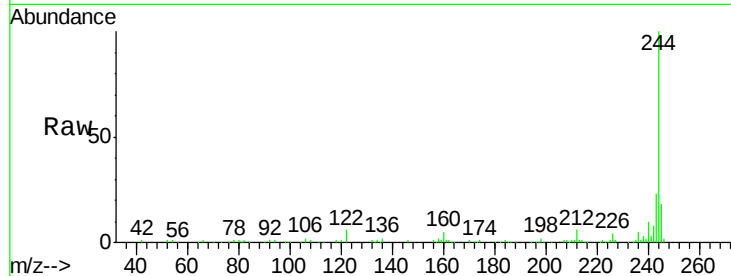




#78
 Terphenyl-d14
 Concen: 49.67 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.11 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:244 Resp: 227888
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 5.6 4.1 6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.18 min Scan# 1233
 Delta R.T. -0.41 min
 Lab File: BF080440.D
 Acq: 13 Jul 2015 22:00

Tgt Ion:264 Resp: 85632
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.8 17.8 26.8

