

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080442.D
 Acq On : 13 Jul 2015 22:58
 Operator : TP/UM
 Sample : G2945-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Quant Time: Jul 14 06:59:25 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	7.13	152	18616	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	79411	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	39403	20.00	ng	0.00
63) Phenanthrene-d10	11.66	188	77458	20.00	ng	-0.02
75) Chrysene-d12	14.47	240	91875	20.00	ng	-0.25
86) Perylene-d12	16.17	264	99841	20.00	ng	-0.42
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	60126	55.35	ng	0.00
7) Phenol-d6	6.78	99	42123	29.10	ng	0.01
23) Nitrobenzene-d5	7.70	82	114637	82.33	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	40604	105.58	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	245082	83.77	ng	0.00
78) Terphenyl-d14	13.29	244	312790	73.94	ng	-0.11

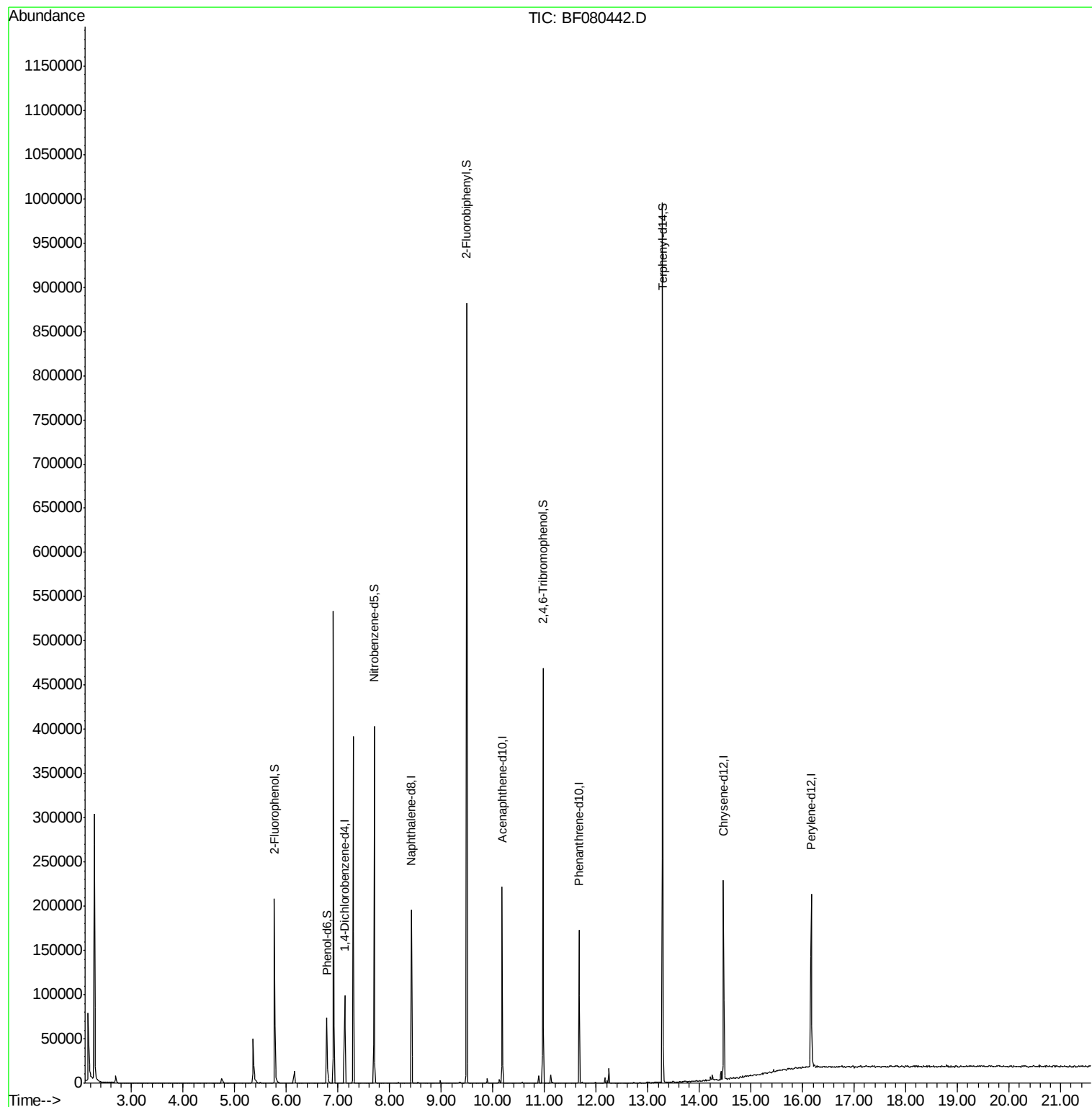
Target Compounds	Qvalue
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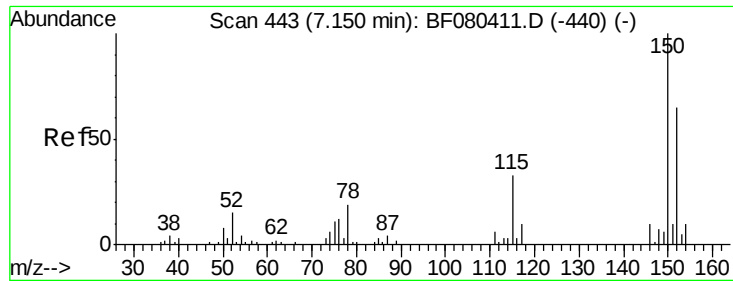
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

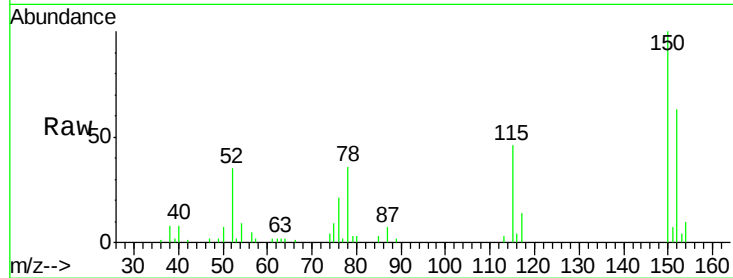
Tgt Ion:152 Resp: 18616

Ion Ratio Lower Upper

152 100

150 158.1 122.3 183.5

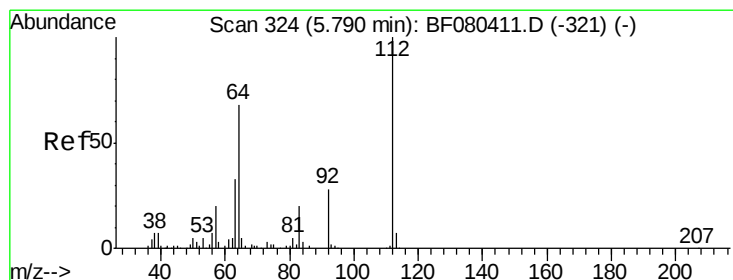
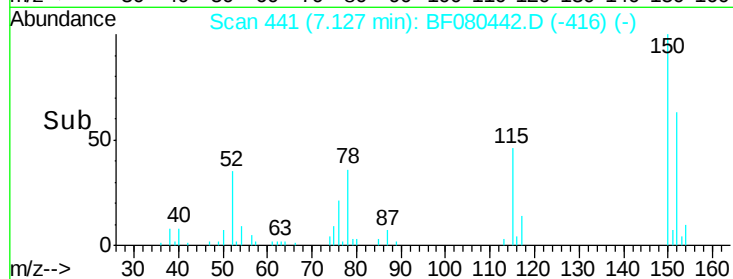
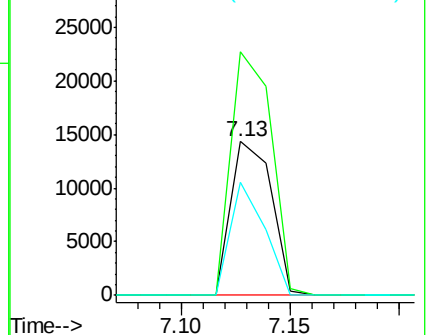
115 73.2 41.0 61.4#



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: 55.35 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.00 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

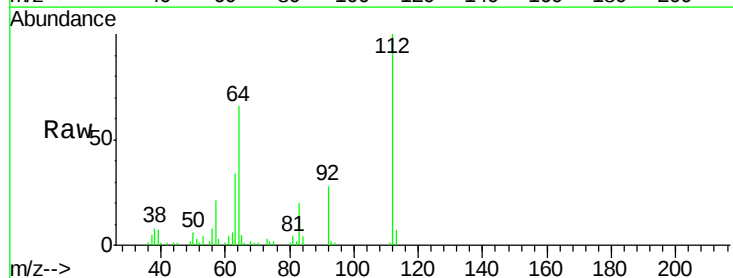
Tgt Ion:112 Resp: 60126

Ion Ratio Lower Upper

112 100

64 65.8 54.3 81.5

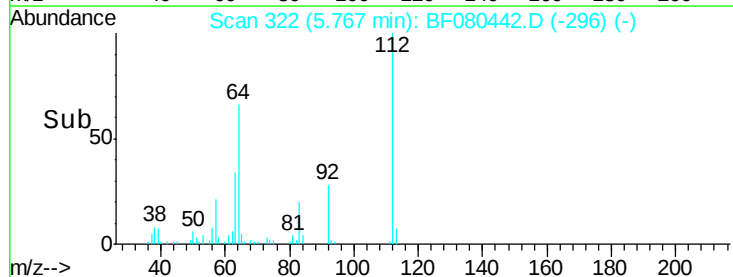
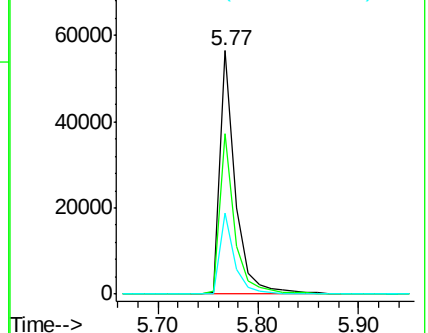
63 33.5 26.7 40.1

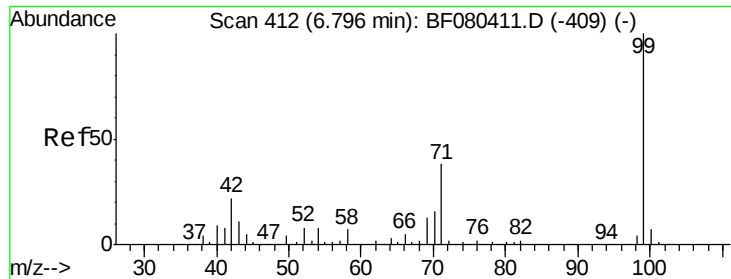


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 29.10 ng

RT: 6.78 min Scan# 411

Delta R.T. 0.01 min

Lab File: BF080442.D

Acq: 13 Jul 2015 22:58

Instrument :

BNA_F

ClientSampleId :

TE-PMW-40

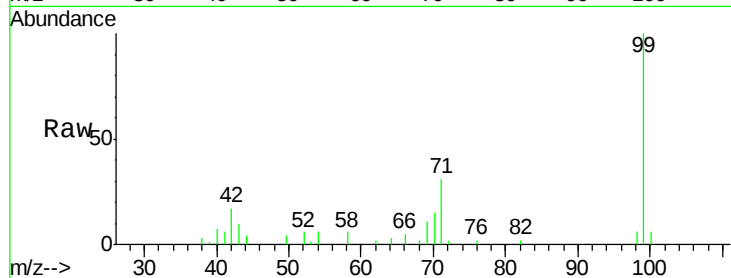
Tgt Ion: 99 Resp: 42123

Ion Ratio Lower Upper

99 100

42 17.2 17.9 26.9#

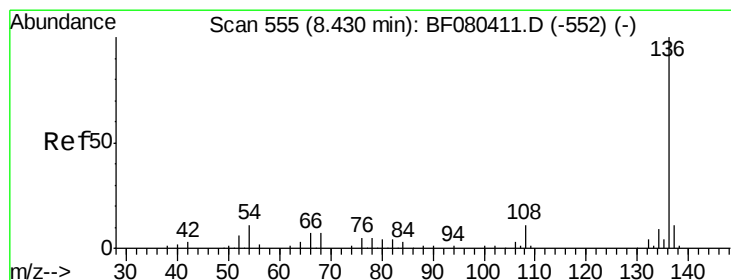
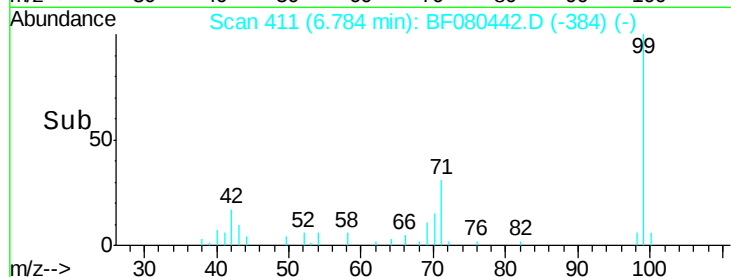
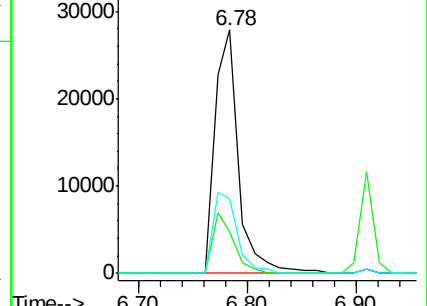
71 30.7 30.1 45.1



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: BF080442.D

Acq: 13 Jul 2015 22:58

Tgt Ion: 136 Resp: 79411

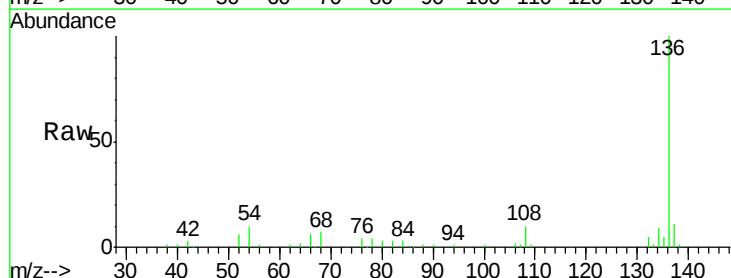
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.4

54 10.4 9.1 13.7

68 6.6 5.9 8.9

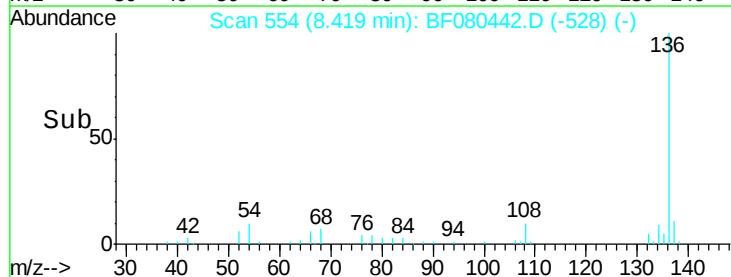
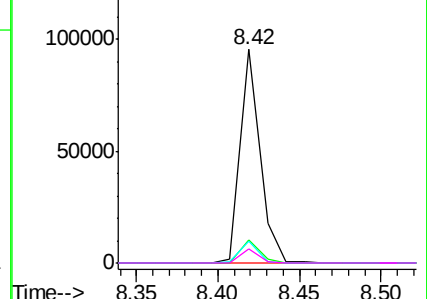


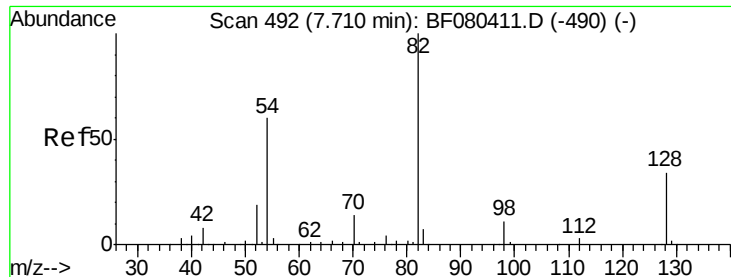
Abundance Ion 136.00 (135.70 to 136.70): E

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

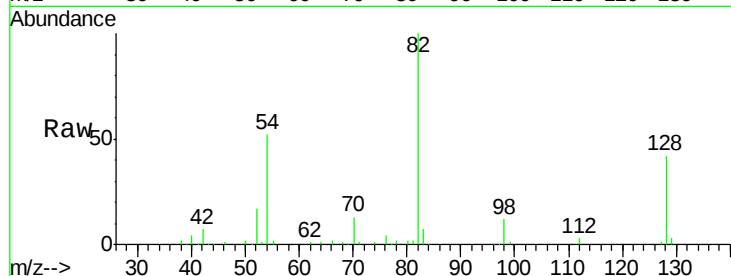




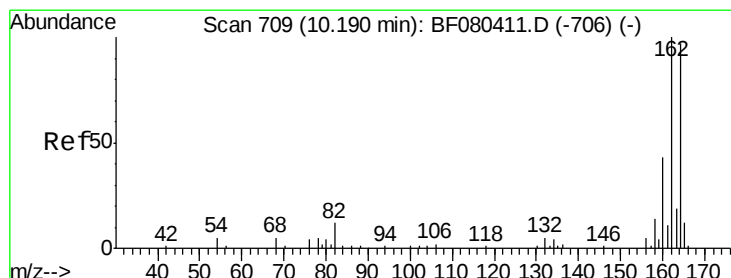
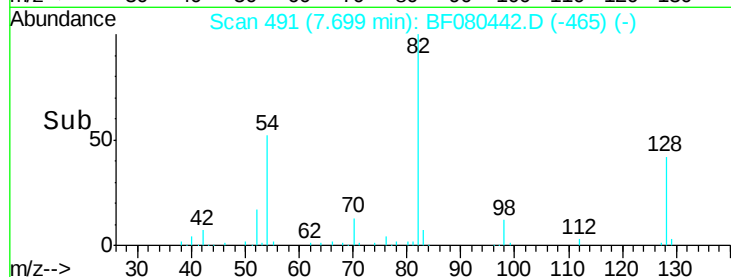
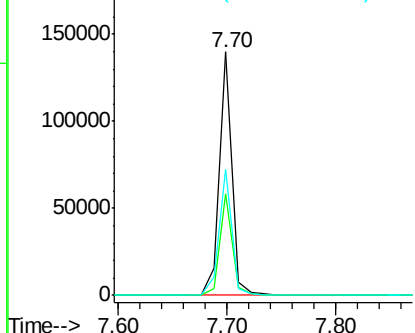
#23
 Nitrobenzene-d5
 Concen: 82.33 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion: 82 Resp: 114637
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.9 40.3#
 54 51.7 47.7 71.5

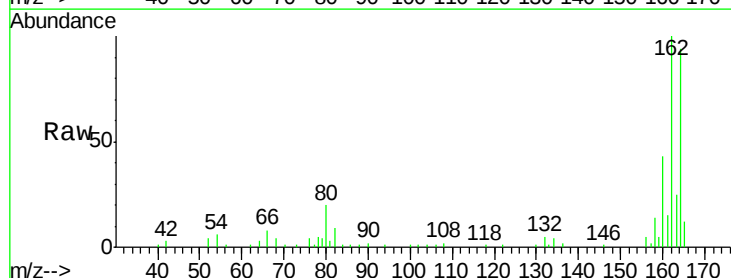


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

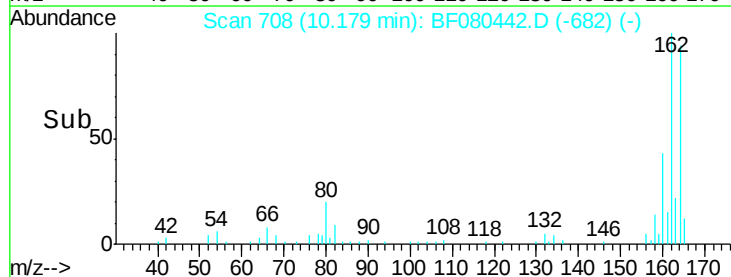
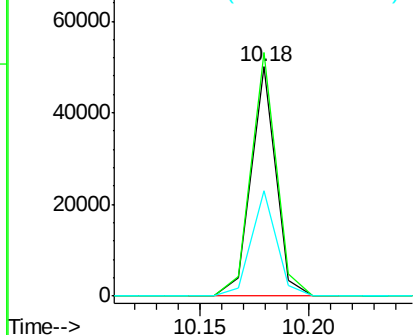


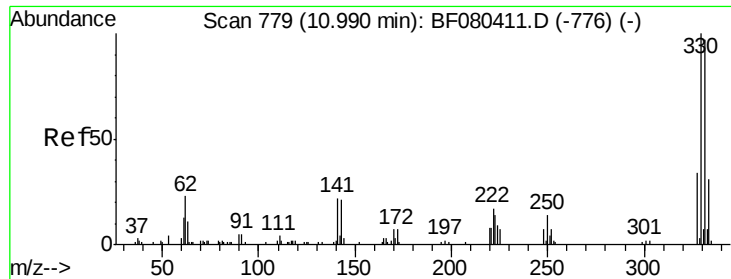
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion: 164 Resp: 39403
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.7 124.1
 160 46.1 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

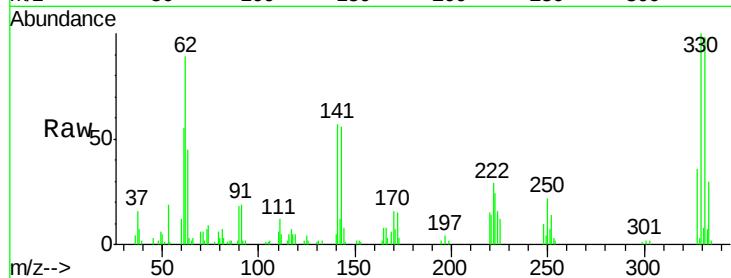




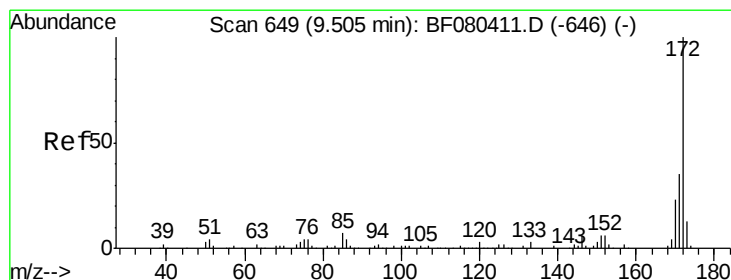
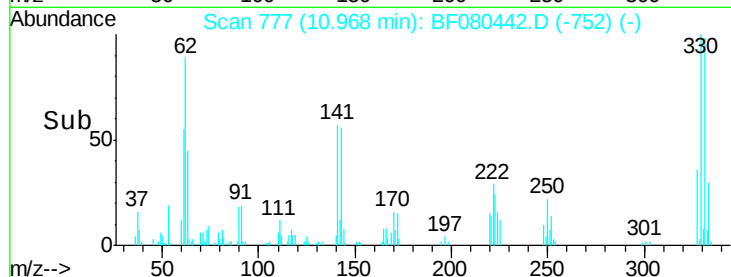
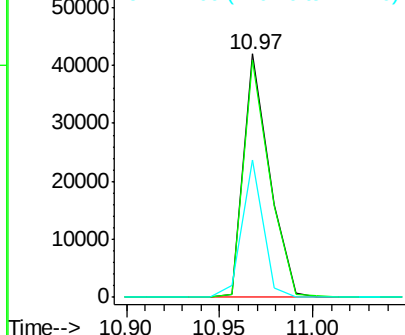
#41
 2,4,6-Tribromophenol
 Concen: 105.58 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion:330 Resp: 40604
 Ion Ratio Lower Upper
 330 100
 332 98.2 78.0 117.0
 141 46.4 28.6 43.0#

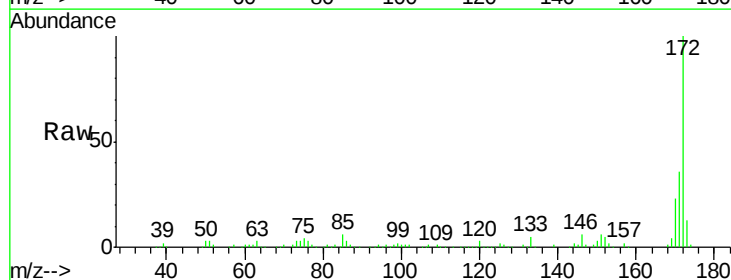


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

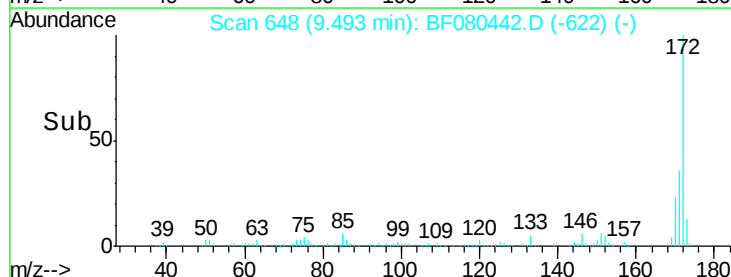
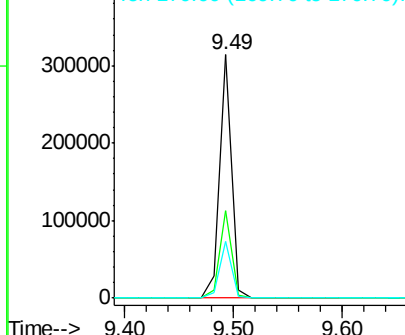


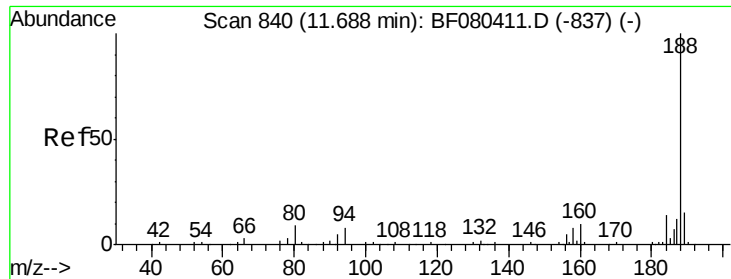
#44
 2-Fluorobiphenyl
 Concen: 83.77 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion:172 Resp: 245082
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 23.1 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

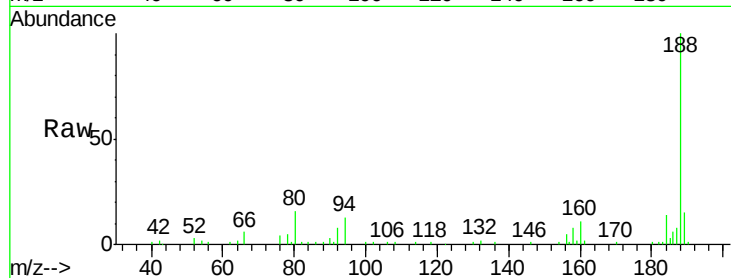




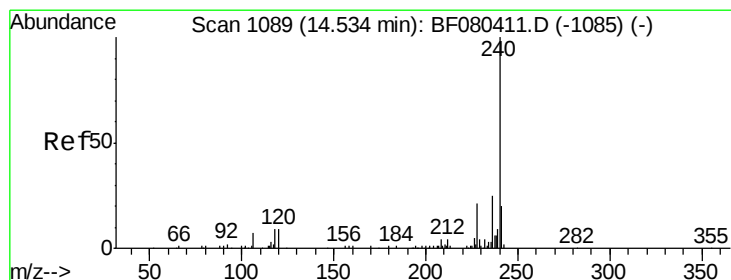
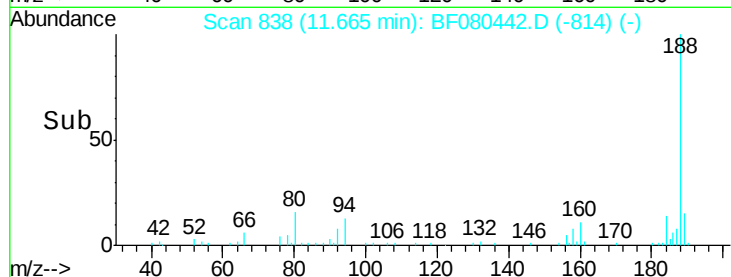
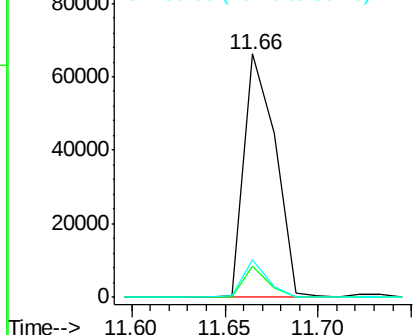
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.66 min Scan# 838
Delta R.T. -0.02 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Instrument :
BNA_F
ClientSampleId :
TE-PMW-40

Tgt Ion:188 Resp: 77458
Ion Ratio Lower Upper
188 100
94 13.0 6.7 10.1#
80 15.6 7.5 11.3#

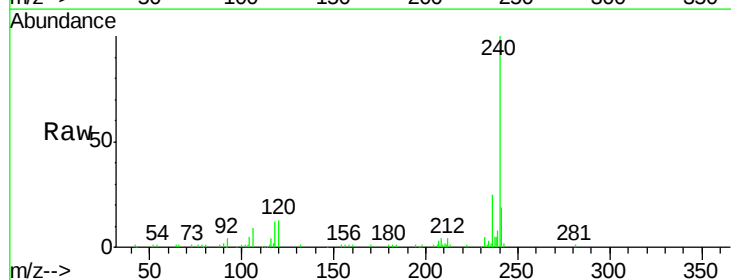


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

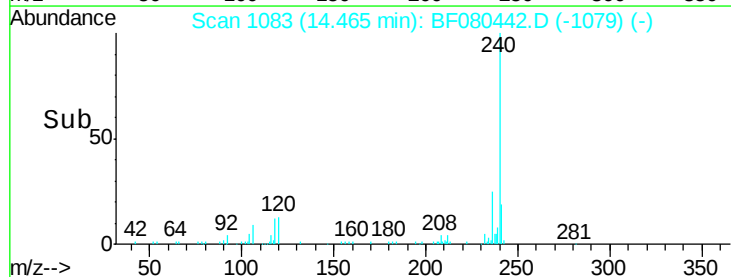
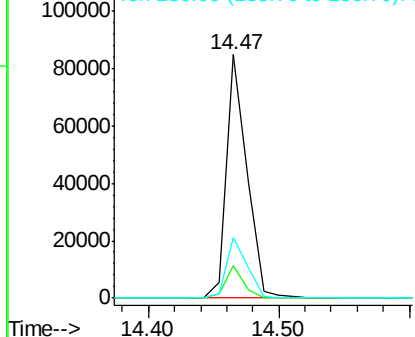


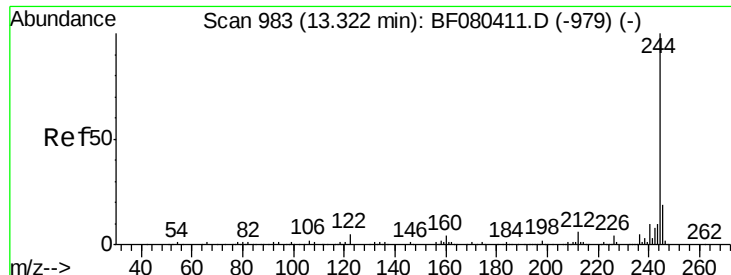
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.47 min Scan# 1083
Delta R.T. -0.25 min
Lab File: BF080442.D
Acq: 13 Jul 2015 22:58

Tgt Ion:240 Resp: 91875
Ion Ratio Lower Upper
240 100
120 13.2 7.4 11.2#
236 25.0 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

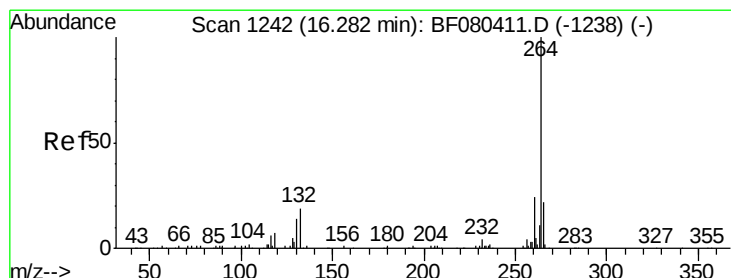
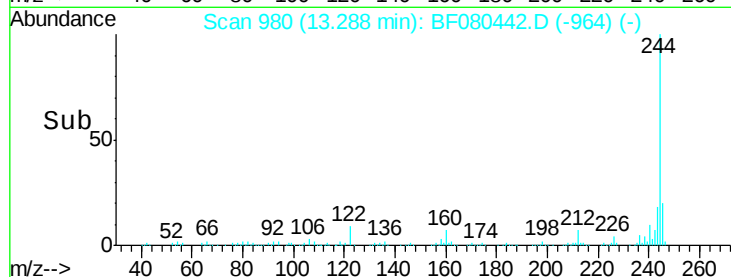
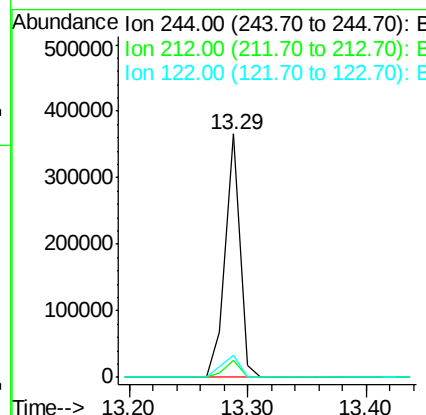
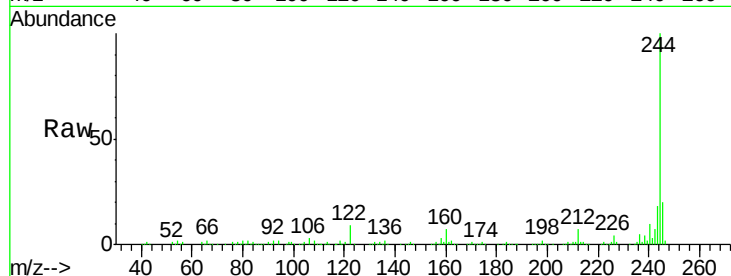




#78
 Terphenyl-d14
 Concen: 73.94 ng
 RT: 13.29 min Scan# 980
 Delta R.T. -0.11 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-40

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	4.9	7.3
122	9.2	4.1	6.1



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.17 min Scan# 1232
 Delta R.T. -0.42 min
 Lab File: BF080442.D
 Acq: 13 Jul 2015 22:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	22.5	17.8	26.8

