

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080428.D
 Acq On : 13 Jul 2015 16:09
 Operator : TP/UM
 Sample : PB84447BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Quant Time: Jul 14 01:06:05 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	12743	20.00	ng	0.00
21) Naphthalene-d8	8.42	136	54632	20.00	ng	0.00
38) Acenaphthene-d10	10.18	164	28015	20.00	ng	0.00
63) Phenanthrene-d10	11.68	188	62359	20.00	ng	-0.01
75) Chrysene-d12	14.69	240	77805	20.00	ng	-0.02
86) Perylene-d12	16.57	264	89650	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	91744	123.37	ng	0.00
7) Phenol-d6	6.77	99	111320	112.36	ng	0.00
23) Nitrobenzene-d5	7.70	82	67297	70.25	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	25629	93.73	ng	-0.01
44) 2-Fluorobiphenyl	9.49	172	152900	73.51	ng	0.00
78) Terphenyl-d14	13.39	244	203321	56.75	ng	-0.01

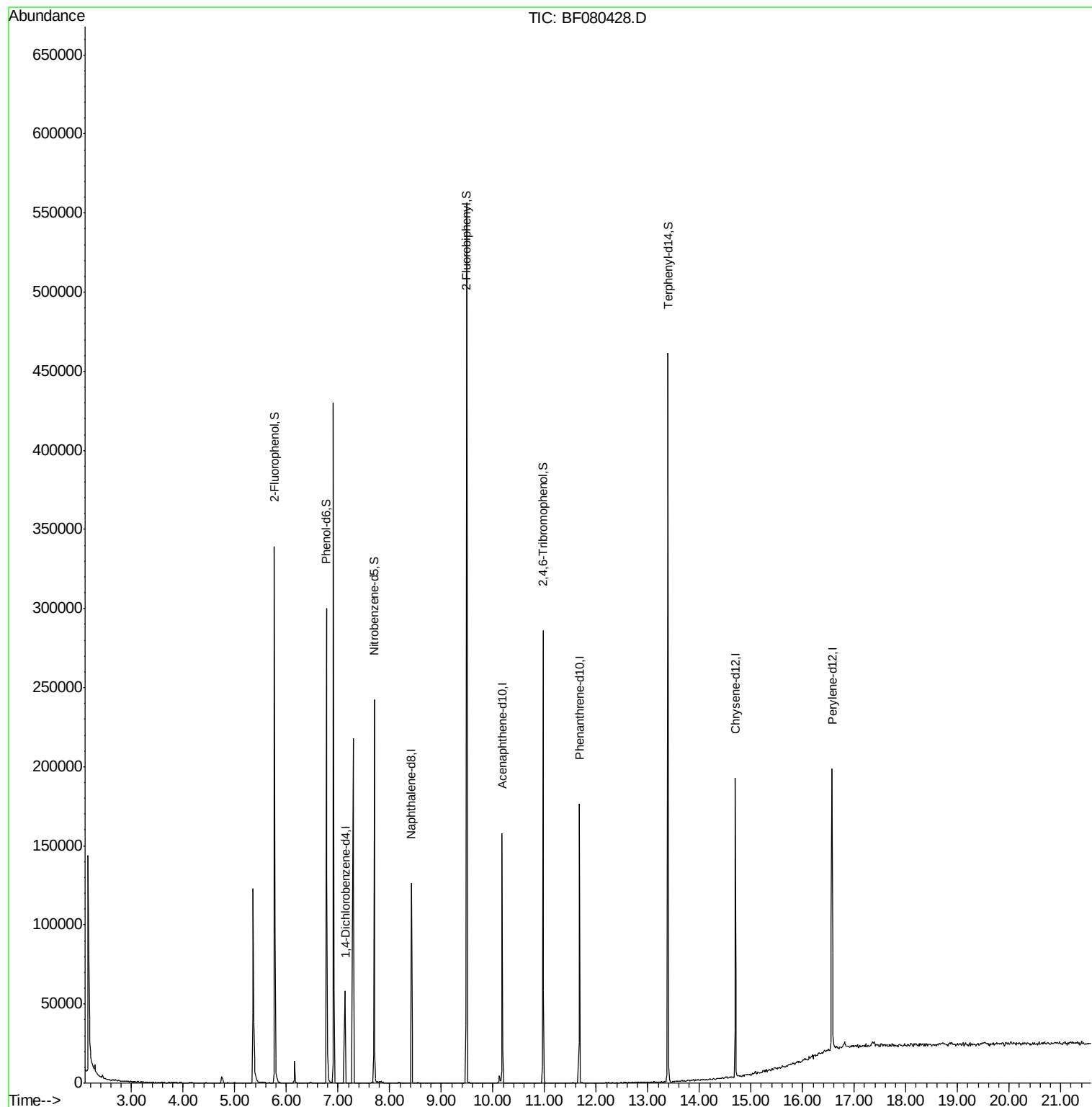
Target Compounds	Qvalue
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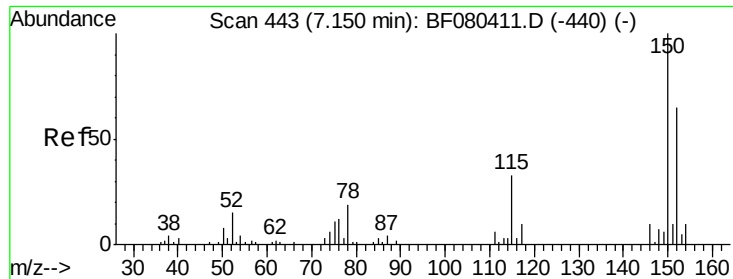
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF080428.D

Acq: 13 Jul 2015 16:09

Instrument :

BNA_F

ClientSampleId :

PB84447BL

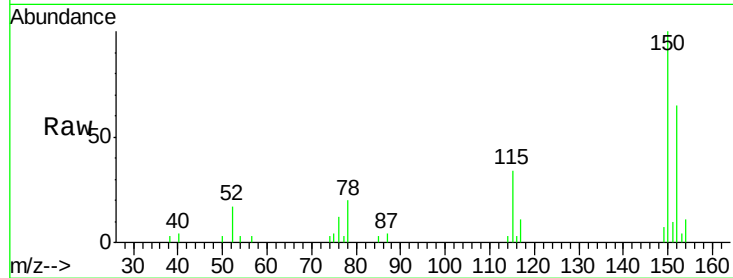
Tgt Ion:152 Resp: 12743

Ion Ratio Lower Upper

152 100

150 153.9 122.3 183.5

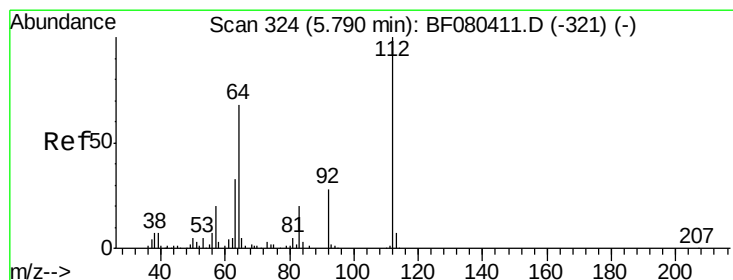
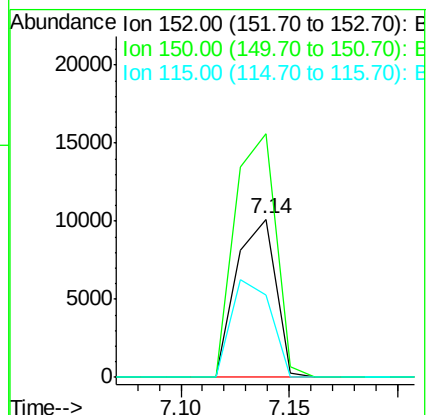
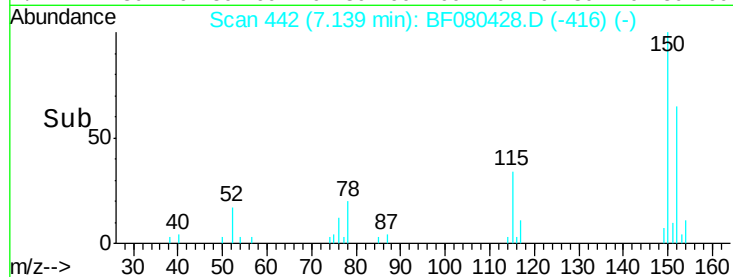
115 52.3 41.0 61.4



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: 123.37 ng

RT: 5.77 min Scan# 322

Delta R.T. 0.00 min

Lab File: BF080428.D

Acq: 13 Jul 2015 16:09

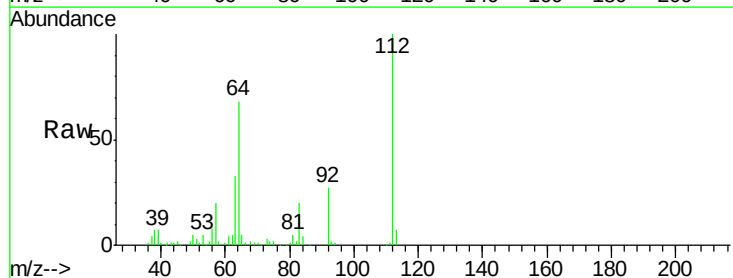
Tgt Ion:112 Resp: 91744

Ion Ratio Lower Upper

112 100

64 67.6 54.3 81.5

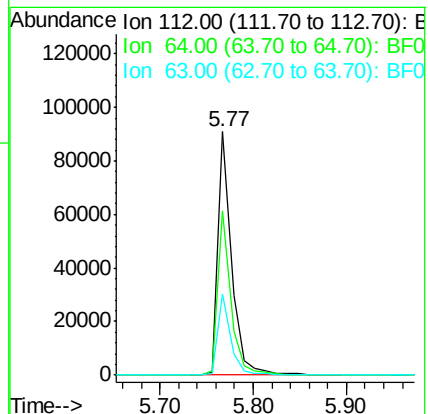
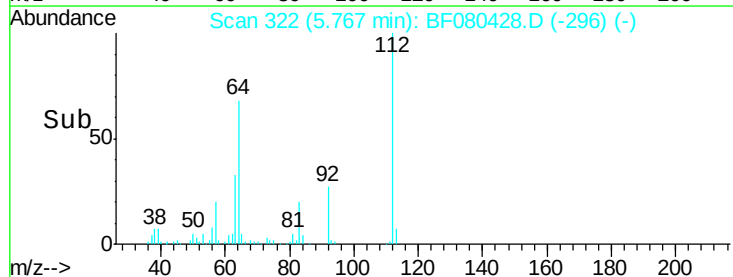
63 33.0 26.7 40.1

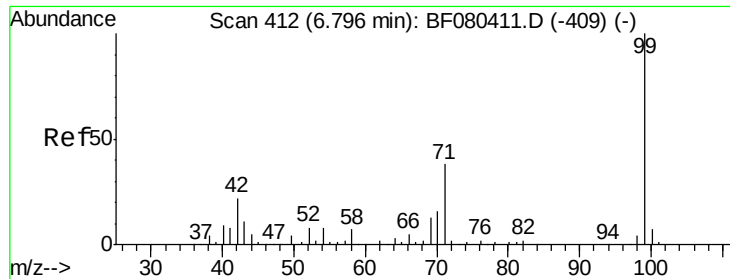


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 112.36 ng

RT: 6.77 min Scan# 410

Delta R.T. 0.00 min

Lab File: BF080428.D

Acq: 13 Jul 2015 16:09

Instrument :

BNA_F

ClientSampleId :

PB84447BL

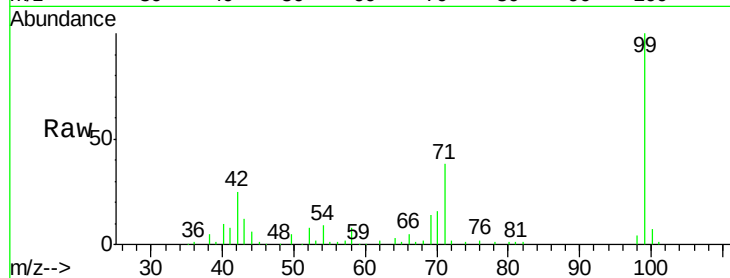
Tgt Ion: 99 Resp: 111320

Ion Ratio Lower Upper

99 100

42 25.0 17.9 26.9

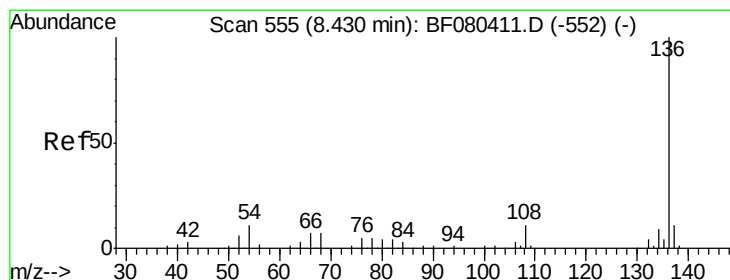
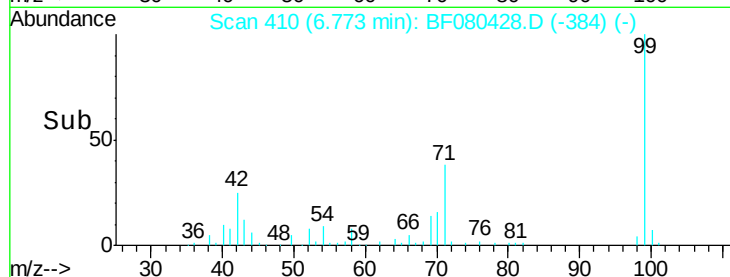
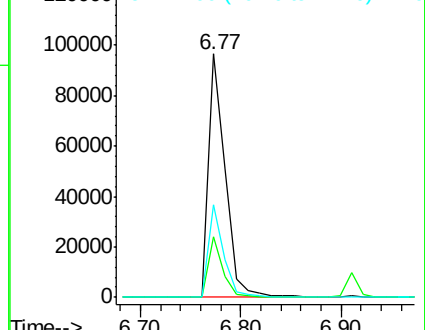
71 38.2 30.1 45.1



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: BF080428.D

Acq: 13 Jul 2015 16:09

Tgt Ion: 136 Resp: 54632

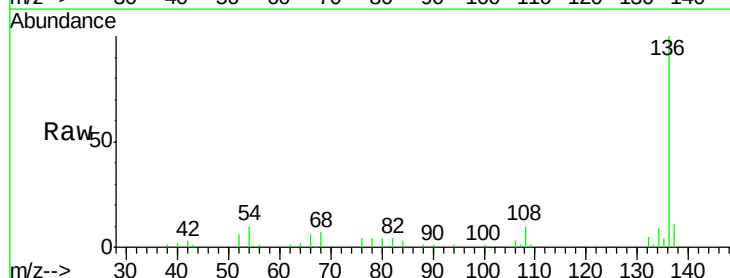
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 10.4 9.1 13.7

68 7.3 5.9 8.9

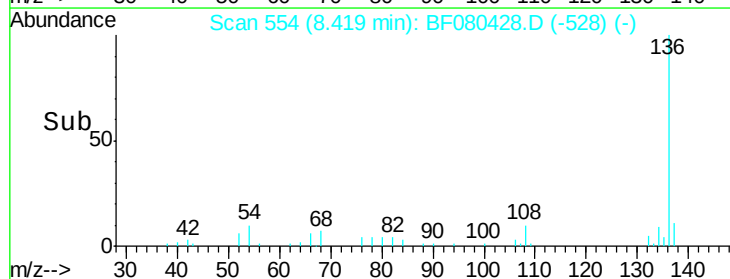
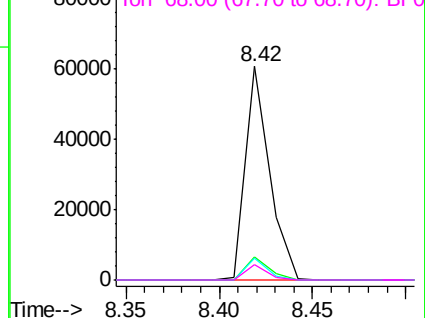


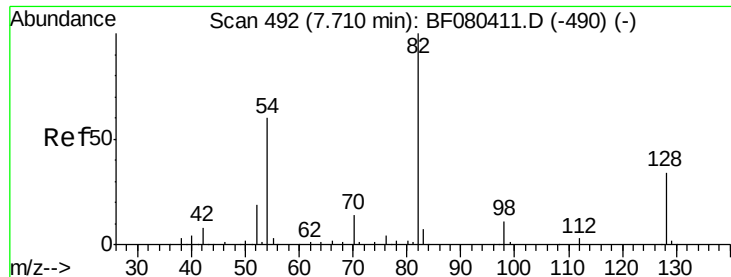
Abundance Ion 136.00 (135.70 to 136.70): E

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

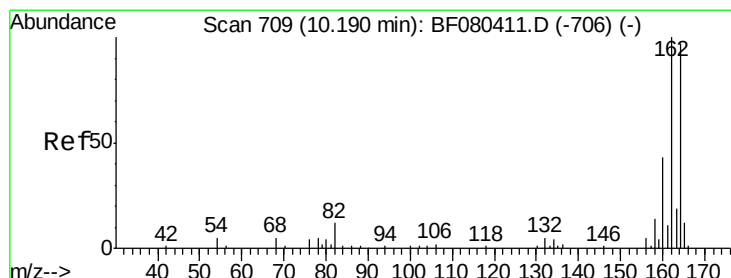
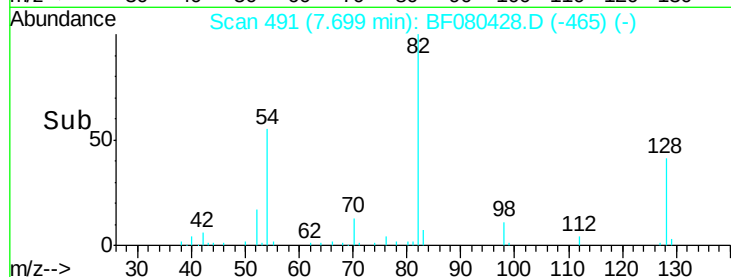
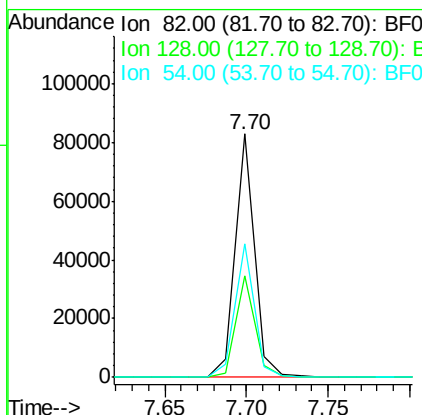
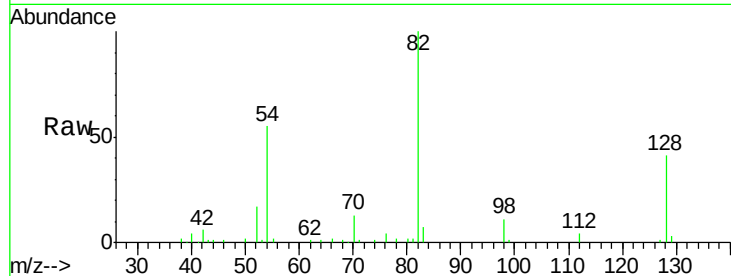




#23
 Nitrobenzene-d5
 Concen: 70.25 ng
 RT: 7.70 min Scan# 491
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

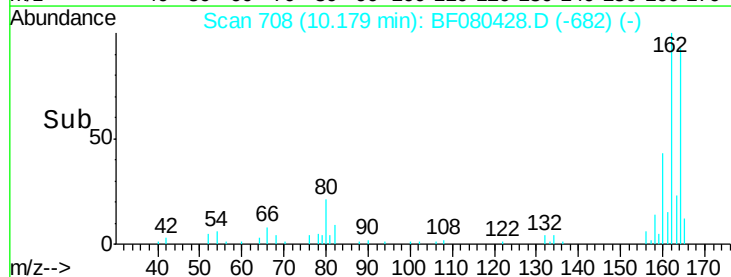
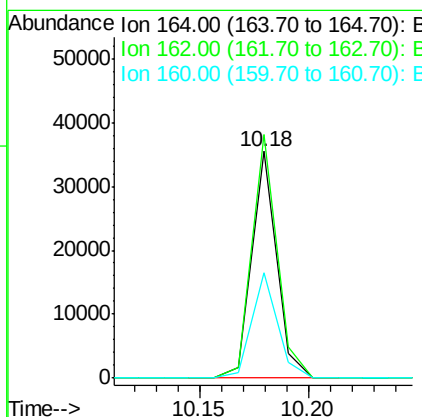
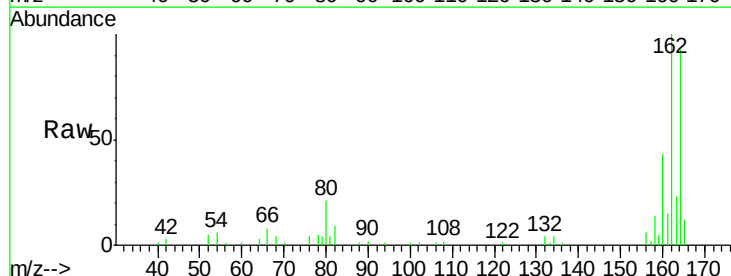
Instrument :
 BNA_F
 ClientSampled :
 PB84447BL

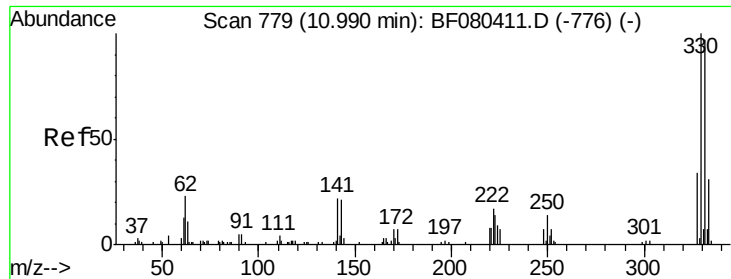
Tgt Ion: 82 Resp: 67297
 Ion Ratio Lower Upper
 82 100
 128 41.4 26.9 40.3#
 54 54.7 47.7 71.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion: 164 Resp: 28015
 Ion Ratio Lower Upper
 164 100
 162 107.4 82.7 124.1
 160 46.2 35.5 53.3

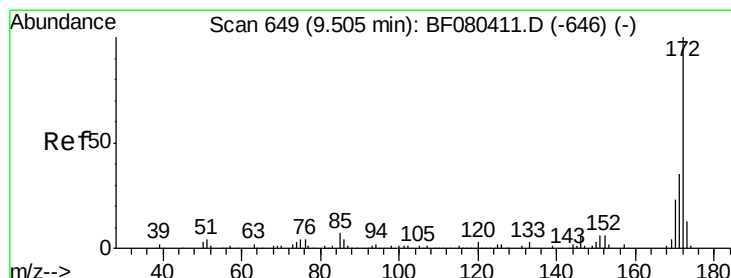
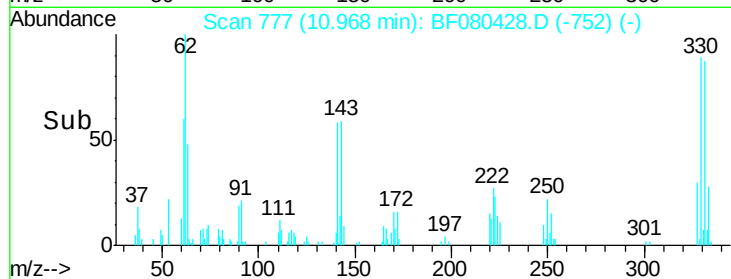
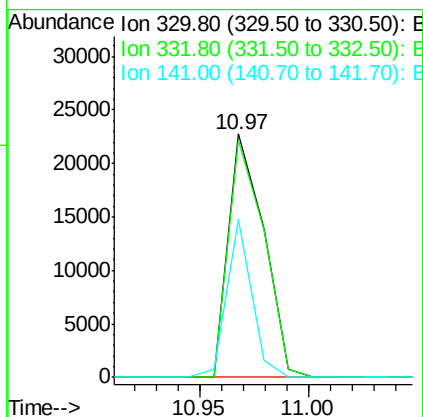
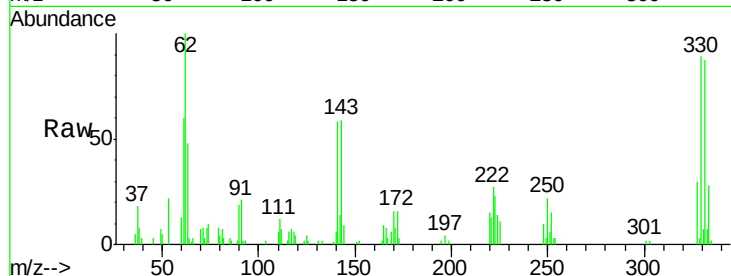




#41
 2,4,6-Tribromophenol
 Concen: 93.73 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

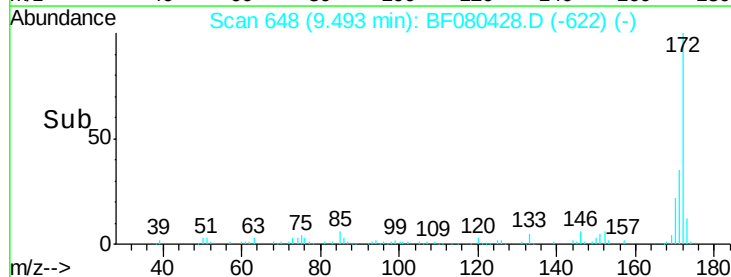
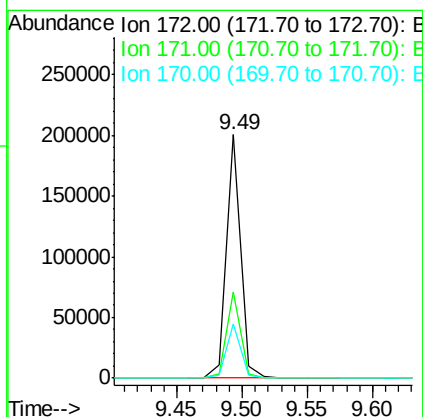
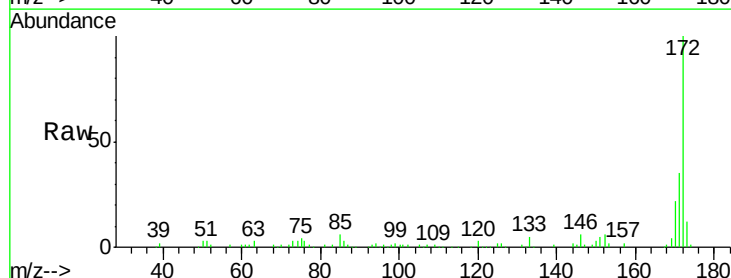
Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

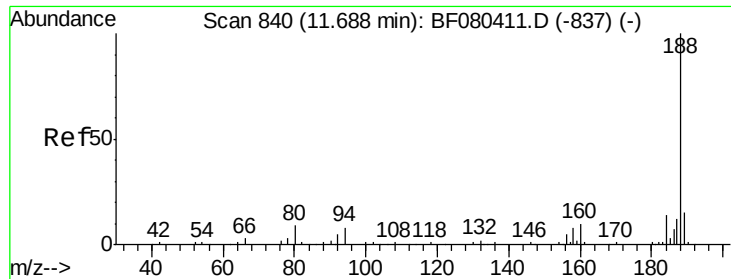
Tgt Ion:330 Resp: 25629
 Ion Ratio Lower Upper
 330 100
 332 98.5 78.0 117.0
 141 45.7 28.6 43.0#



#44
 2-Fluorobiphenyl
 Concen: 73.51 ng
 RT: 9.49 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:172 Resp: 152900
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.4 42.6
 170 22.3 18.6 28.0

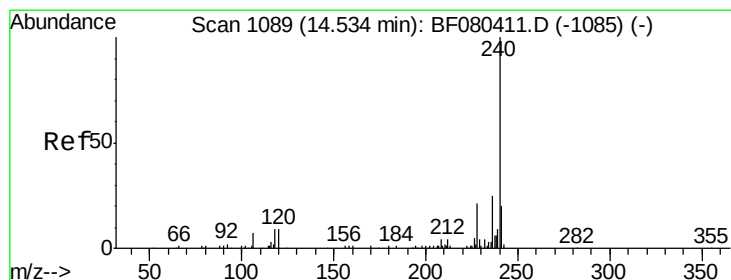
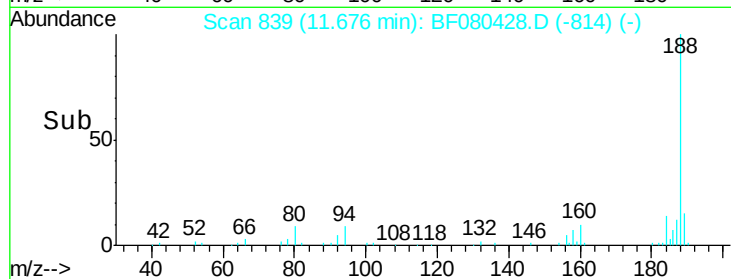
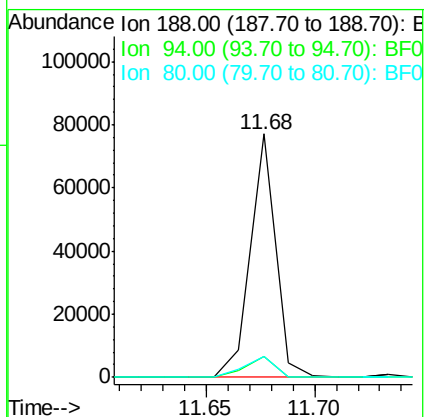
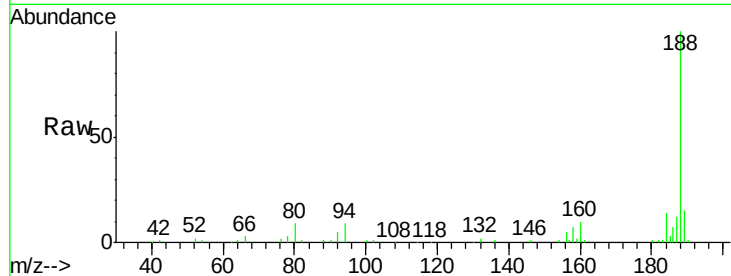




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

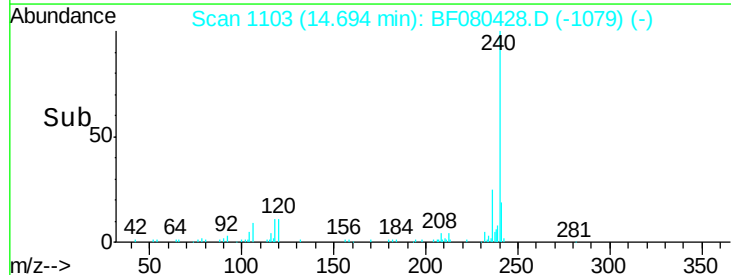
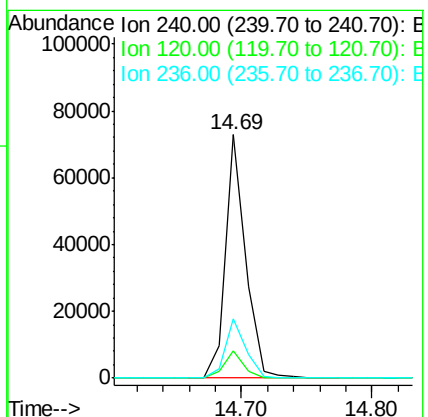
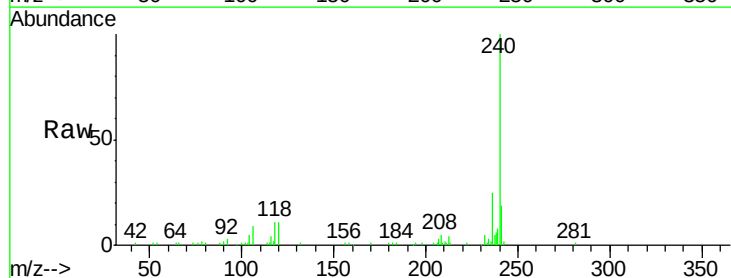
Instrument :
BNA_F
ClientSampleId :
PB84447BL

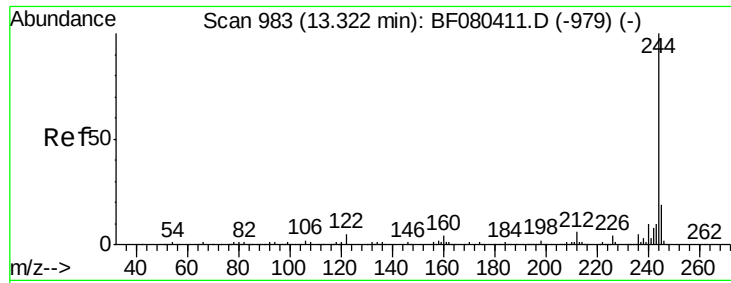
Tgt Ion:188 Resp: 62359
Ion Ratio Lower Upper
188 100
94 8.5 6.7 10.1
80 8.6 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.69 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF080428.D
Acq: 13 Jul 2015 16:09

Tgt Ion:240 Resp: 77805
Ion Ratio Lower Upper
240 100
120 11.3 7.4 11.2#
236 24.6 19.7 29.5

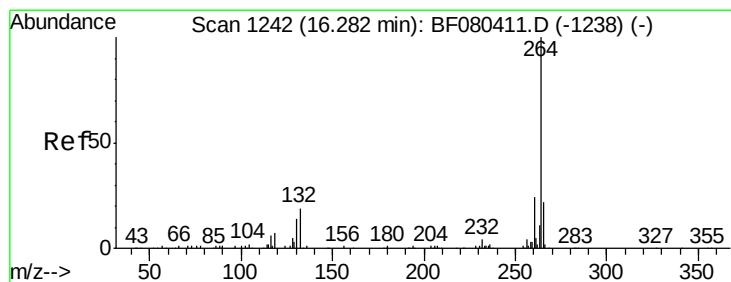
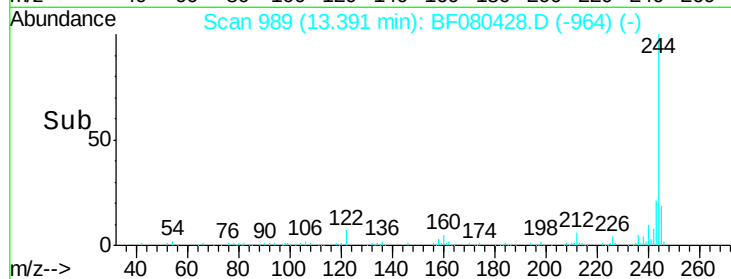
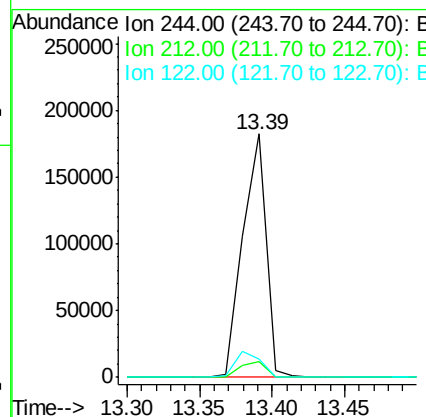
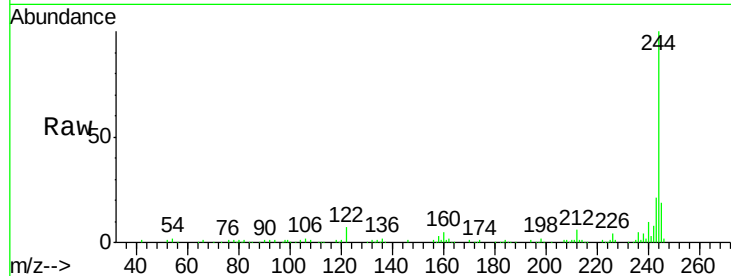




#78
 Terphenyl-d14
 Concen: 56.75 ng
 RT: 13.39 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion:	244	Resp:	203321
Ion Ratio	Lower	Upper	
244	100		
212	6.3	4.9	7.3
122	7.4	4.1	6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.57 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF080428.D
 Acq: 13 Jul 2015 16:09

Tgt Ion:	264	Resp:	89650
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.4	29.2
265	20.4	17.8	26.8

