

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
 Data File : BF080455.D
 Acq On : 14 Jul 2015 8:33
 Operator : TP/UM
 Sample : PB84467BL
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

Quant Time: Jul 14 12:02:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 11 05:35:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	16073	20.00	ng	-0.01
21) Naphthalene-d8	8.42	136	68635	20.00	ng	-0.01
38) Acenaphthene-d10	10.18	164	35825	20.00	ng	-0.01
63) Phenanthrene-d10	11.68	188	71579	20.00	ng	-0.01
75) Chrysene-d12	14.55	240	89243	20.00	ng	0.01
86) Perylene-d12	16.32	264	99979	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.77	112	120186	128.14	ng	-0.02
7) Phenol-d6	6.77	99	149548	119.67	ng	-0.02
23) Nitrobenzene-d5	7.70	82	89571	74.43	ng	-0.01
41) 2,4,6-Tribromophenol	10.97	330	33233	95.05	ng	-0.02
44) 2-Fluorobiphenyl	9.49	172	195969	73.68	ng	-0.01
78) Terphenyl-d14	13.31	244	259275	63.10	ng	-0.01

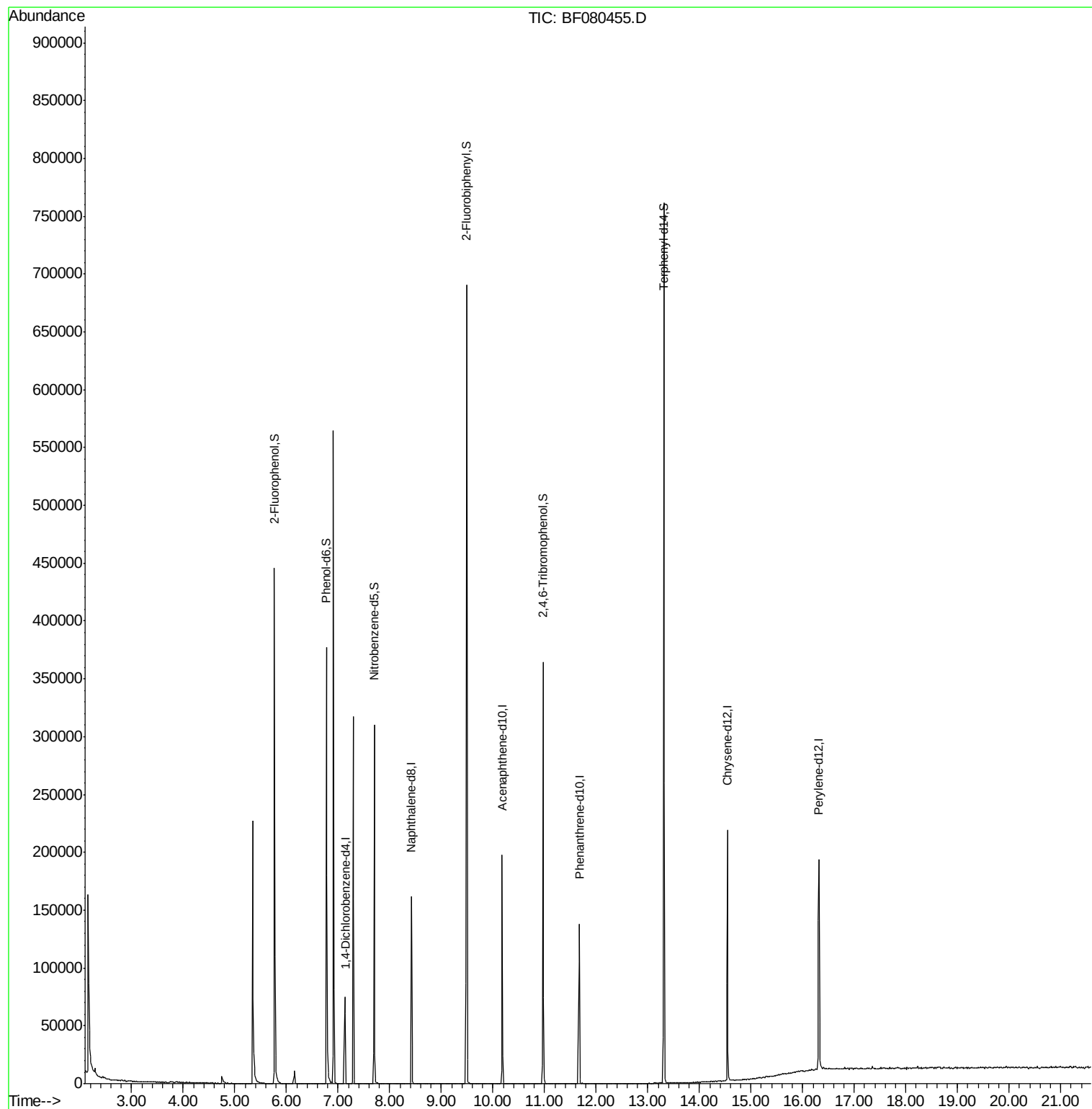
Target Compounds	Qvalue
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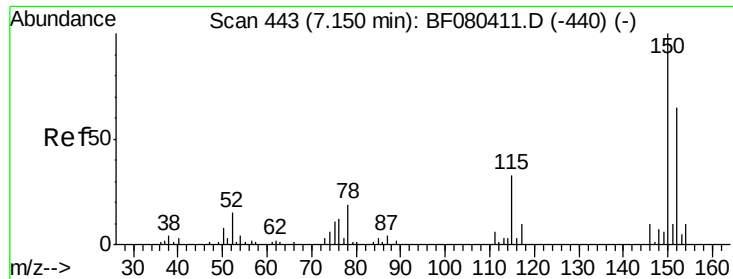
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jul 11 05:35:30 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PB84467BL

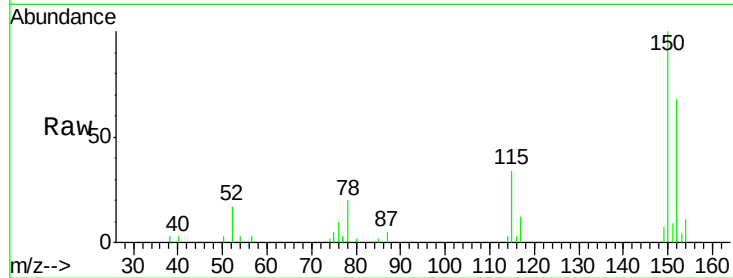
Tgt Ion:152 Resp: 16073

Ion Ratio Lower Upper

152 100

150 147.8 122.3 183.5

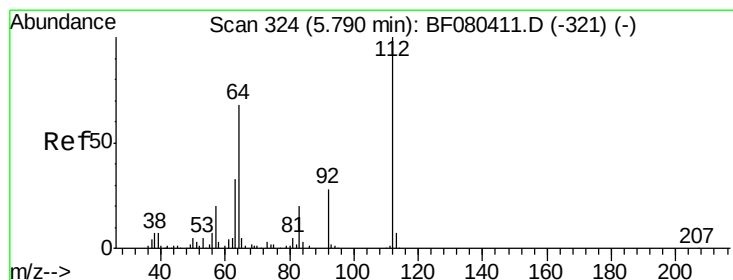
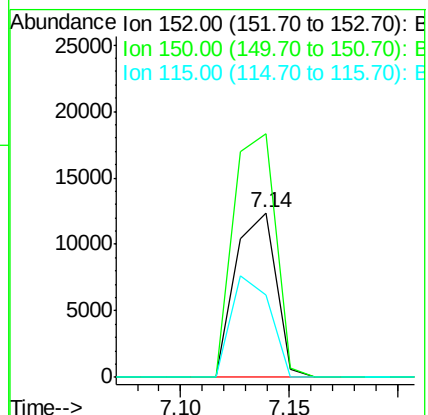
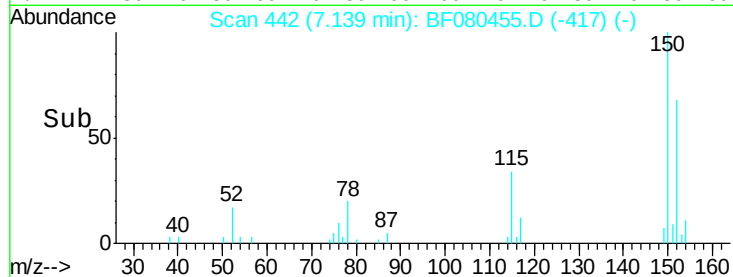
115 50.1 41.0 61.4



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: 128.14 ng

RT: 5.77 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

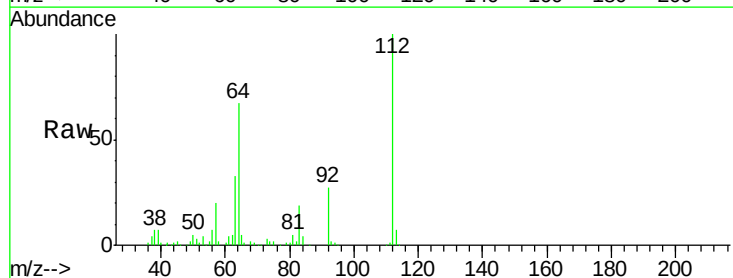
Tgt Ion:112 Resp: 120186

Ion Ratio Lower Upper

112 100

64 66.8 54.3 81.5

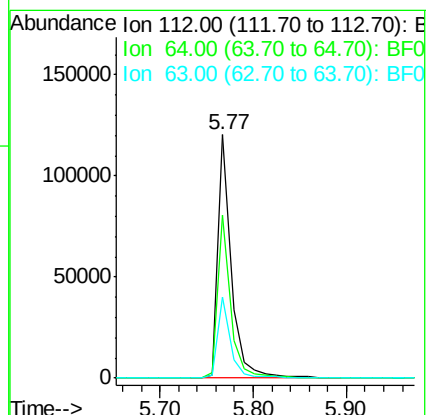
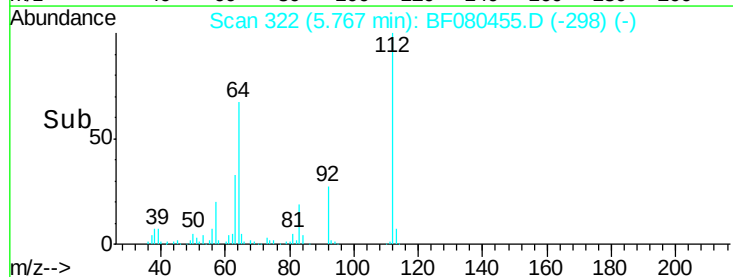
63 33.3 26.7 40.1

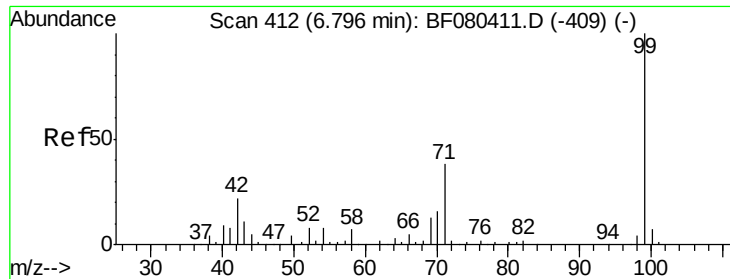


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 119.67 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.02 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Instrument :

BNA_F

ClientSampleId :

PB84467BL

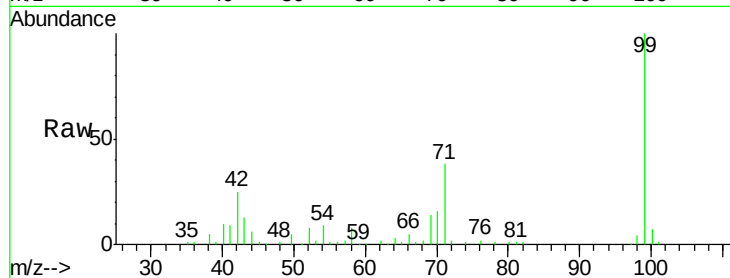
Tgt Ion: 99 Resp: 149548

Ion Ratio Lower Upper

99 100

42 25.3 17.9 26.9

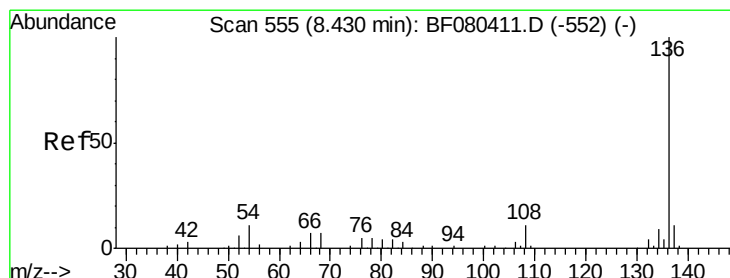
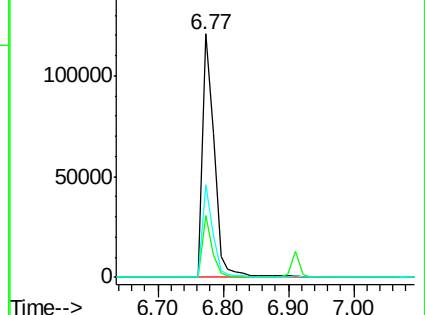
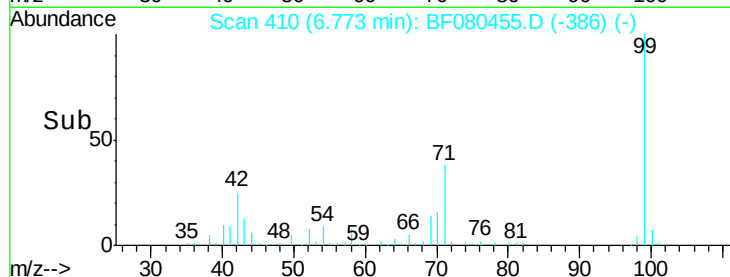
71 37.9 30.1 45.1



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. -0.01 min

Lab File: BF080455.D

Acq: 14 Jul 2015 8:33

Tgt Ion: 136 Resp: 68635

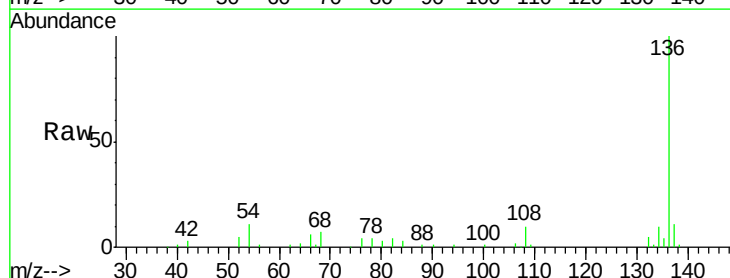
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 11.1 9.1 13.7

68 7.4 5.9 8.9

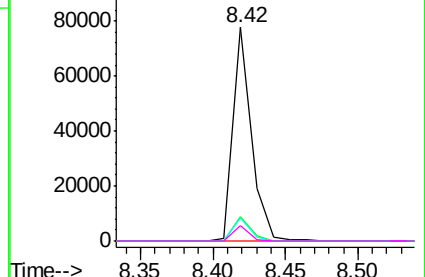
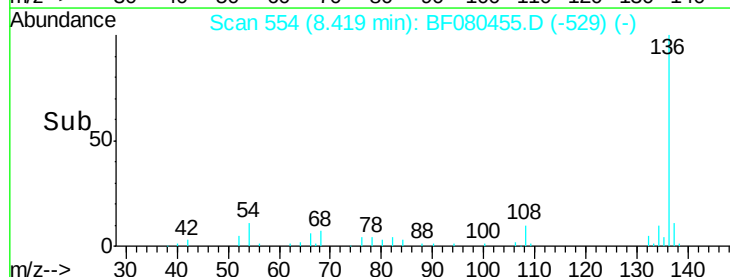


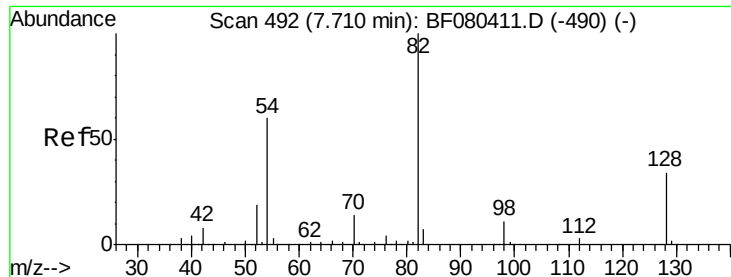
Abundance Ion 136.00 (135.70 to 136.70): E

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

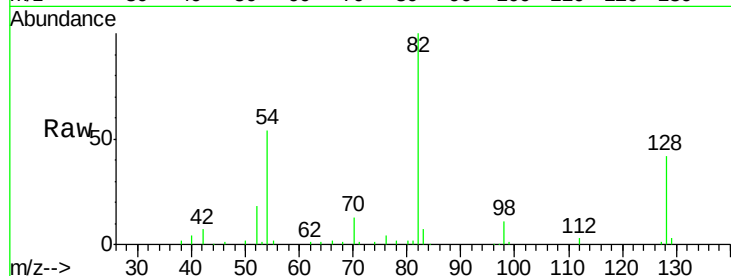




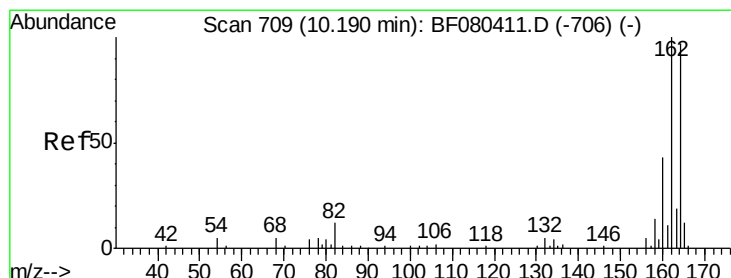
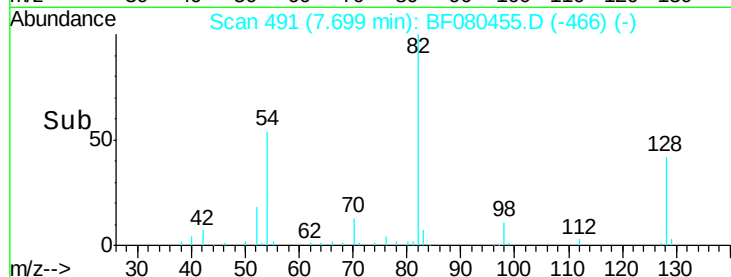
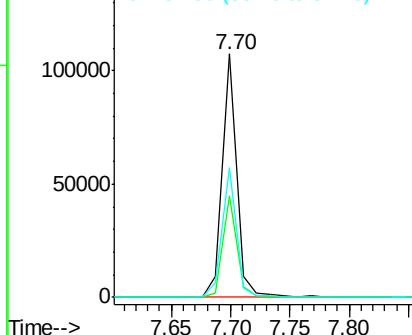
#23
 Nitrobenzene-d5
 Concen: 74.43 ng
 RT: 7.70 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

Tgt Ion: 82 Resp: 89571
 Ion Ratio Lower Upper
 82 100
 128 41.9 26.9 40.3#
 54 53.5 47.7 71.5

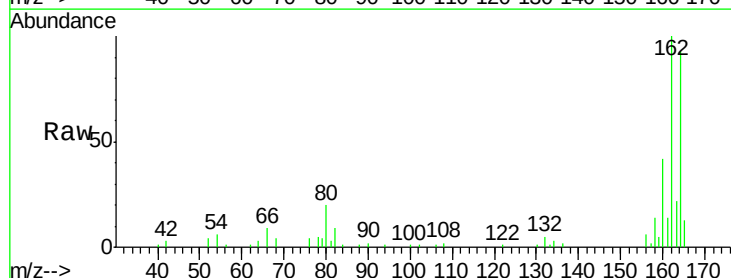


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

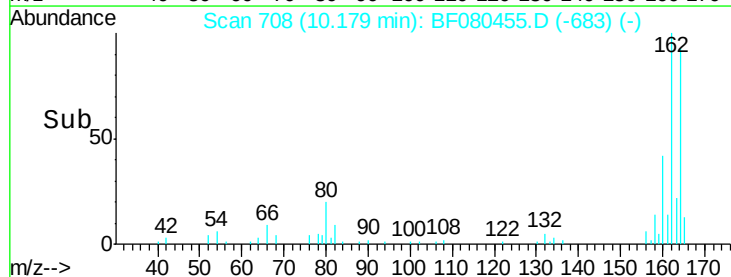
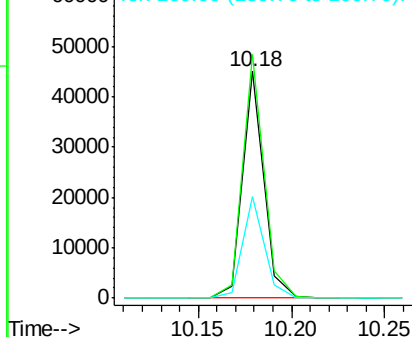


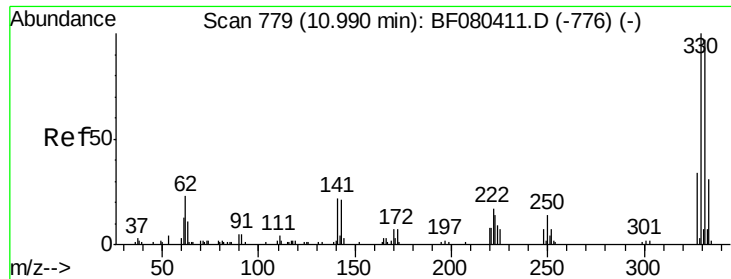
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.18 min Scan# 708
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Tgt Ion: 164 Resp: 35825
 Ion Ratio Lower Upper
 164 100
 162 107.4 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

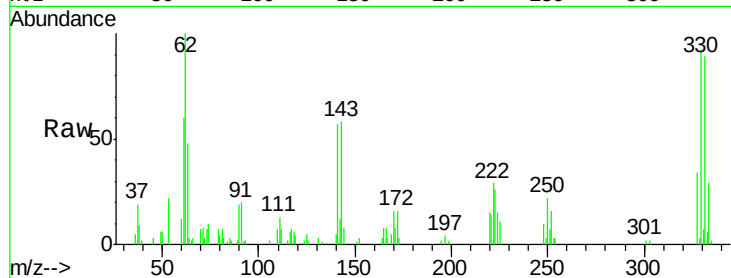




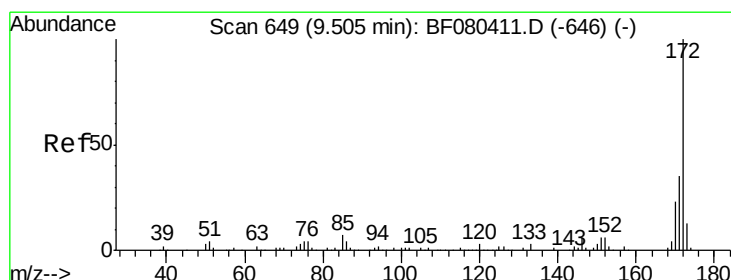
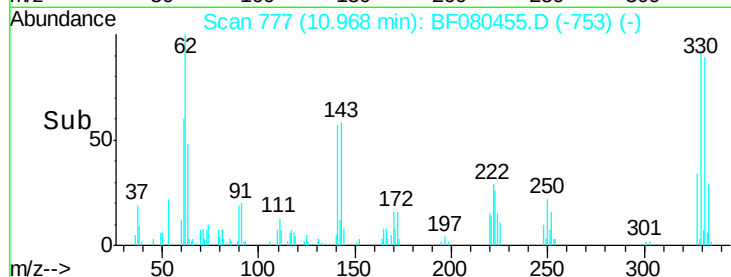
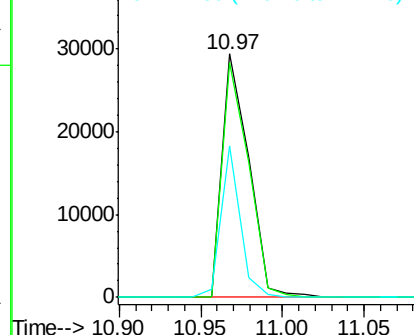
#41
 2,4,6-Tribromophenol
 Concen: 95.05 ng
 RT: 10.97 min Scan# 777
 Delta R.T. -0.02 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.1	78.0	117.0
141	45.3	28.6	43.0#

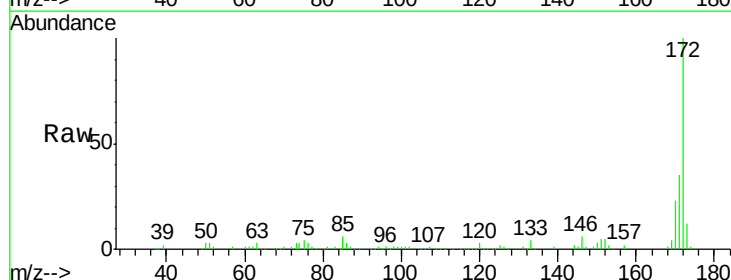


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

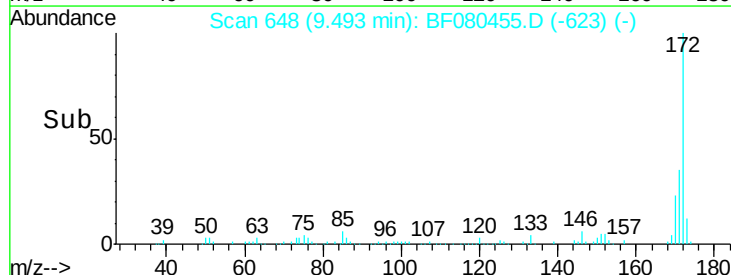
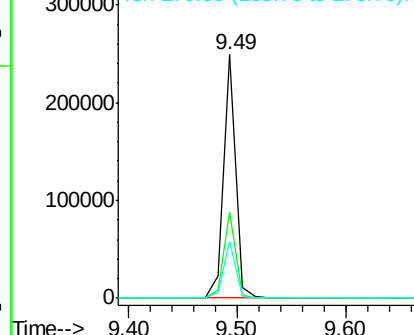


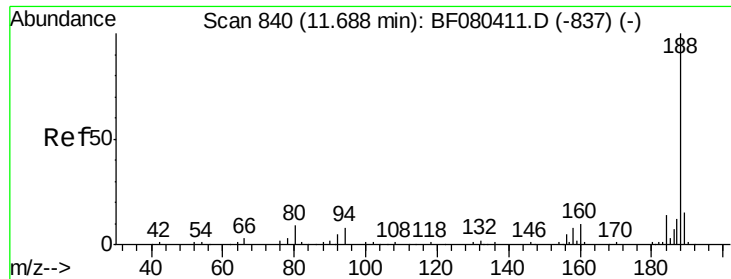
#44
 2-Fluorobiphenyl
 Concen: 73.68 ng
 RT: 9.49 min Scan# 648
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.4	42.6
170	23.4	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

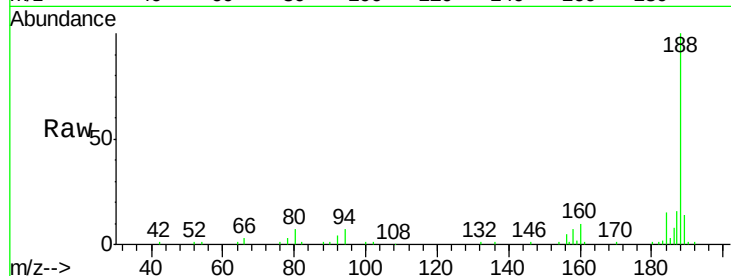




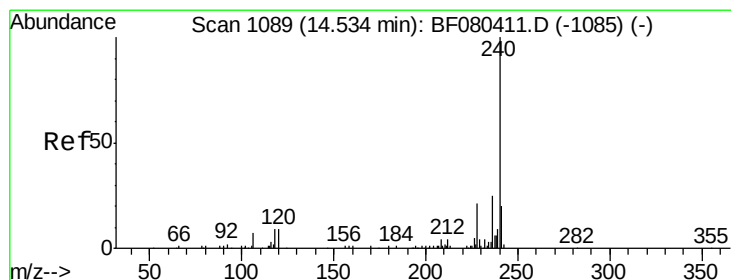
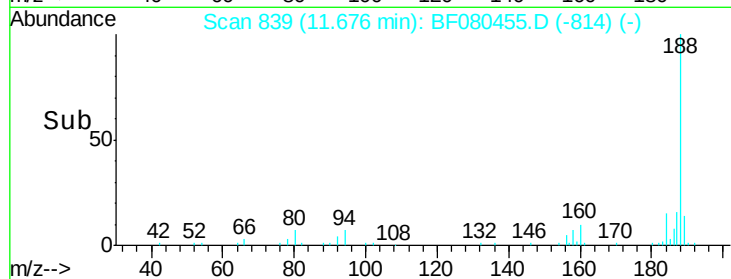
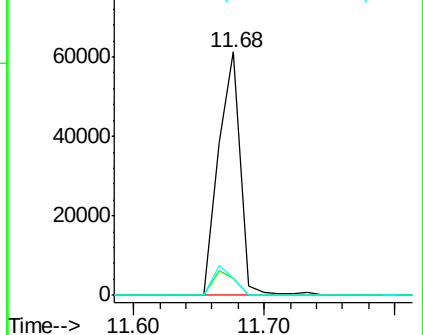
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.68 min Scan# 839
Delta R.T. -0.01 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Instrument :
BNA_F
ClientSampleId :
PB84467BL

Tgt Ion:188 Resp: 71579
Ion Ratio Lower Upper
188 100
94 6.8 6.7 10.1
80 7.2 7.5 11.3#

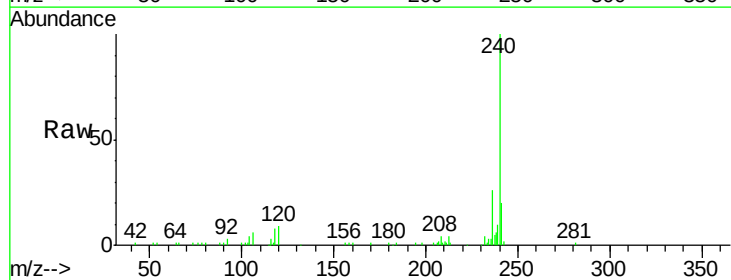


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

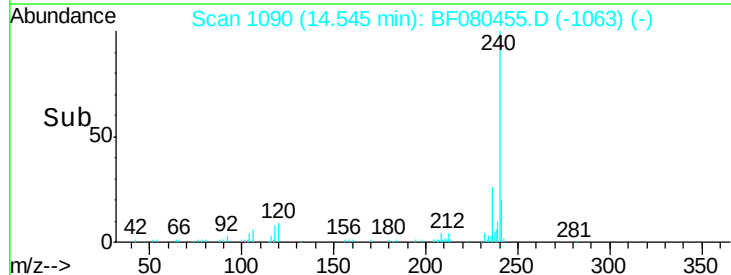
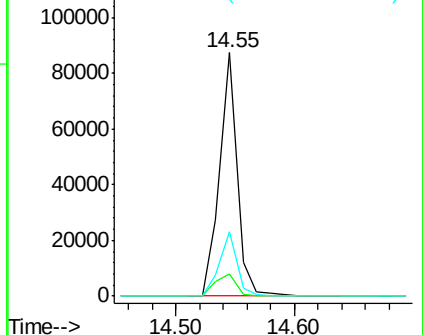


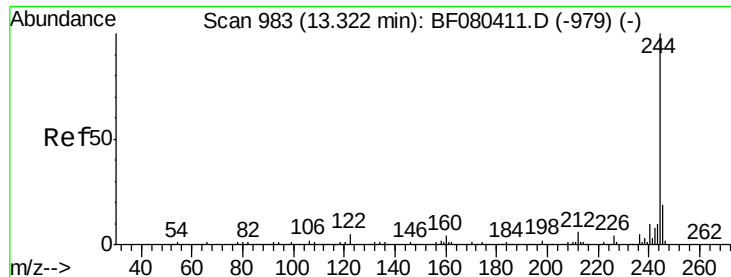
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.55 min Scan# 1090
Delta R.T. 0.01 min
Lab File: BF080455.D
Acq: 14 Jul 2015 8:33

Tgt Ion:240 Resp: 89243
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 26.3 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

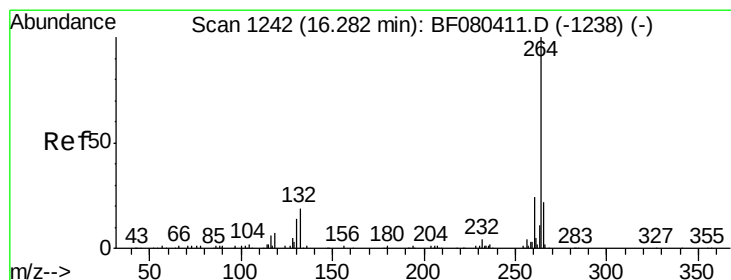
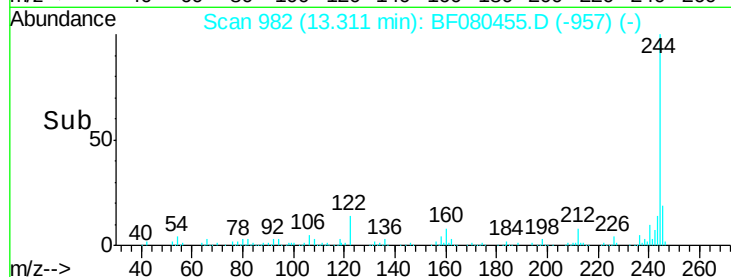
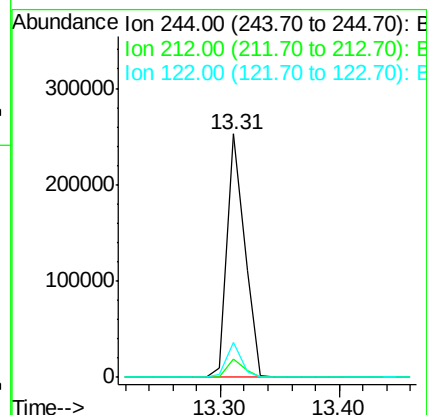
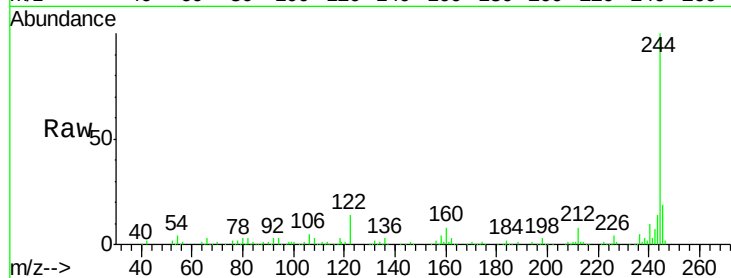




#78
 Terphenyl-d14
 Concen: 63.10 ng
 RT: 13.31 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Instrument :
 BNA_F
 ClientSampleId :
 PB84467BL

Tgt Ion:244 Resp: 259275
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 14.4 4.1 6.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.32 min Scan# 1245
 Delta R.T. 0.03 min
 Lab File: BF080455.D
 Acq: 14 Jul 2015 8:33

Tgt Ion:264 Resp: 99979
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.2
 265 20.9 17.8 26.8

