

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083071.D
 Acq On : 20 Nov 2015 9:15
 Operator : UM/IZ
 Sample : G4455-03
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Nov 20 09:53:33 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	110232	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	418431	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	218701	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	426028	20.00	ng	0.00
75) Chrysene-d12	13.85	240	394690	20.00	ng	-0.01
86) Perylene-d12	15.23	264	326161	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	421531	59.39	ng	0.00
7) Phenol-d6	6.34	99	346163	37.03	ng	-0.01
23) Nitrobenzene-d5	7.26	82	726327	79.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	311927	134.33	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1231944	75.87	ng	-0.01
78) Terphenyl-d14	12.81	244	1125820	67.34	ng	0.00

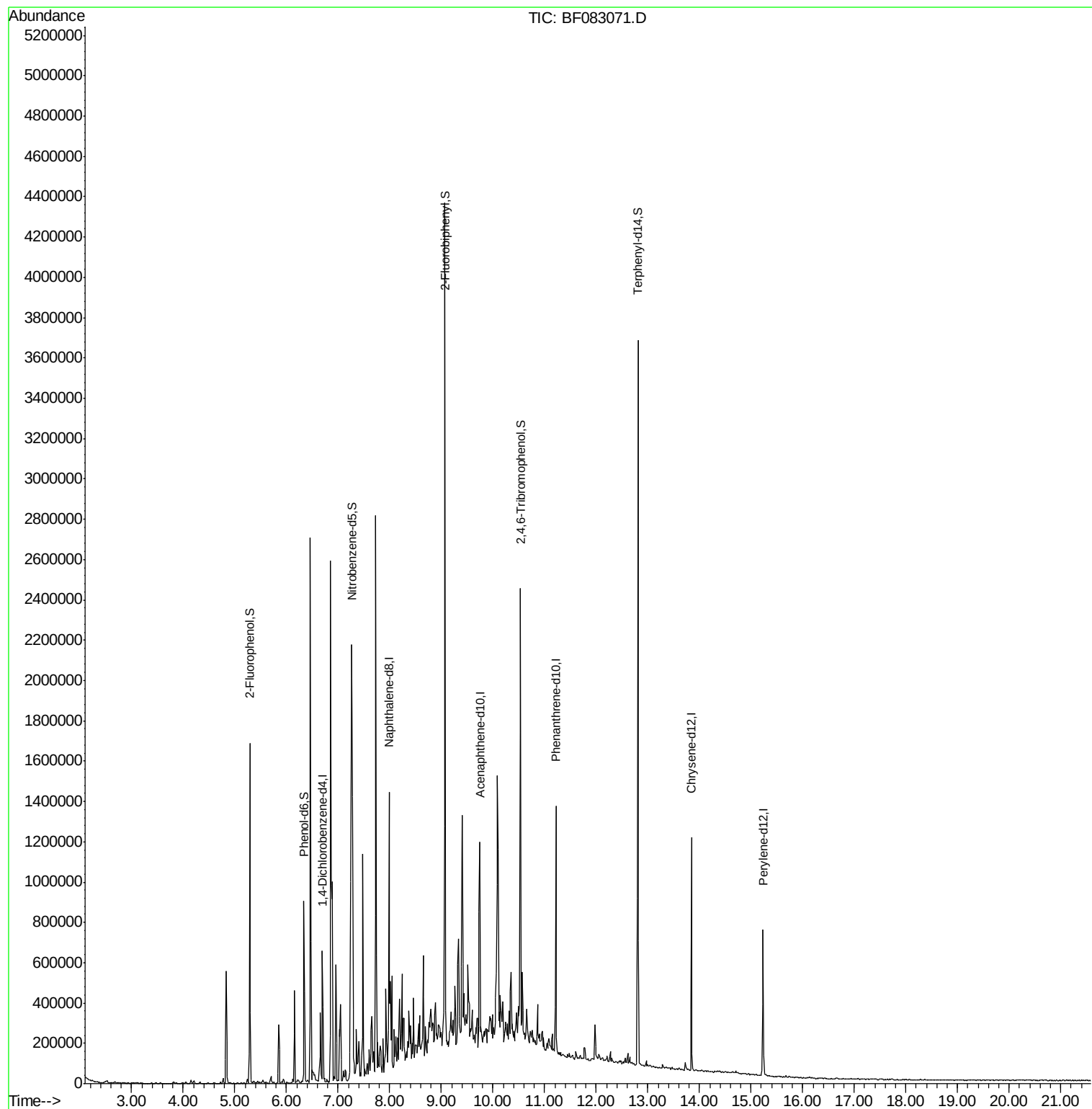
Target Compounds	Qvalue
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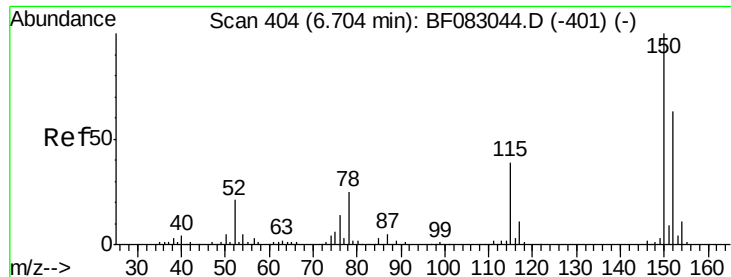
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

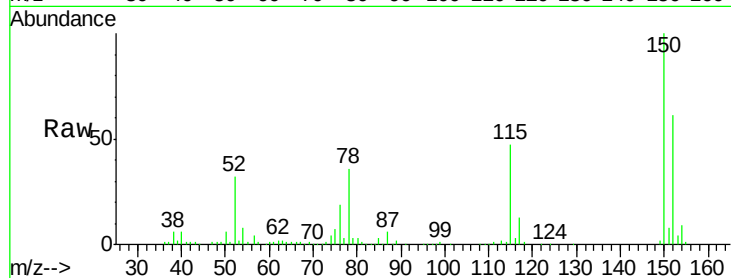
Tgt Ion:152 Resp: 110232

Ion Ratio Lower Upper

152 100

150 163.7 126.4 189.6

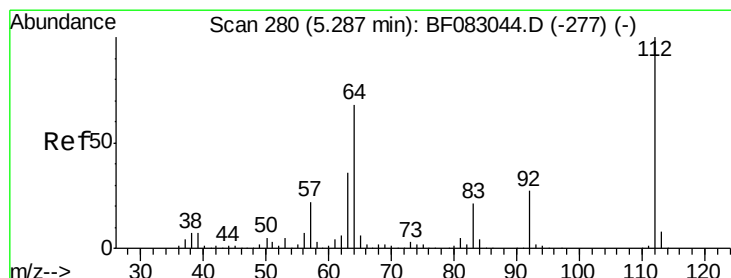
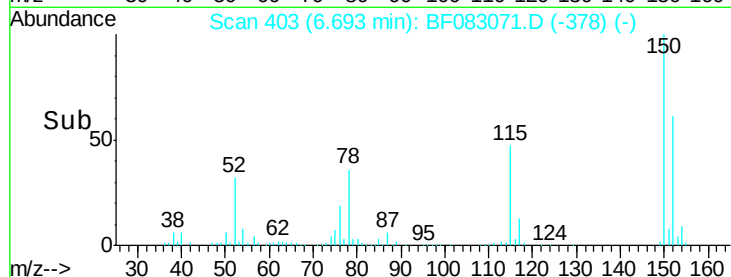
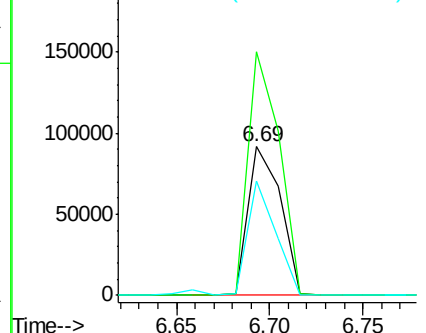
115 76.9 49.0 73.6#



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: 59.39 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

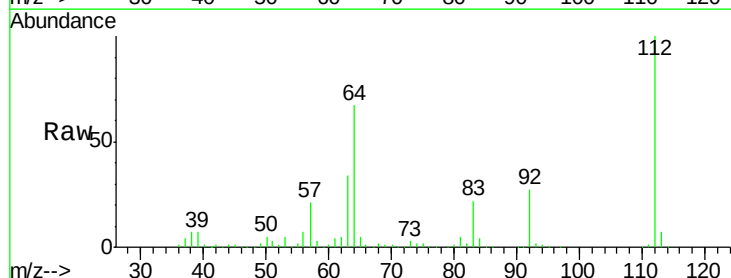
Tgt Ion:112 Resp: 421531

Ion Ratio Lower Upper

112 100

64 66.5 54.8 82.2

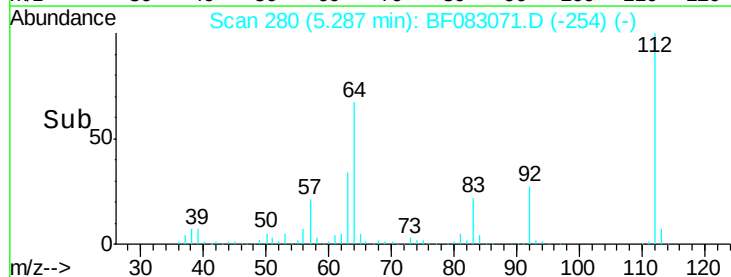
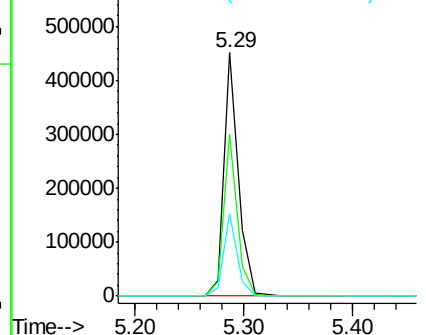
63 33.8 29.0 43.4

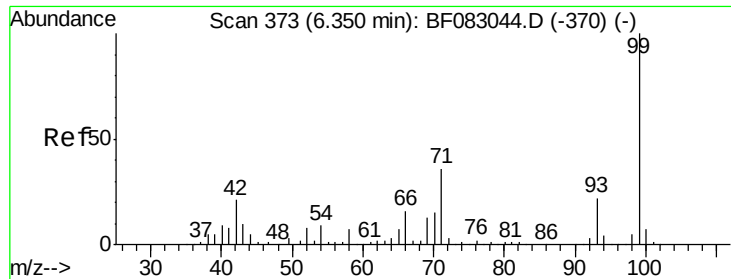


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 37.03 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

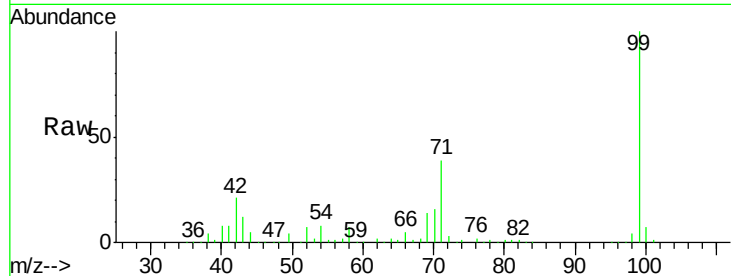
Tgt Ion: 99 Resp: 346163

Ion Ratio Lower Upper

99 100

42 21.5 16.6 25.0

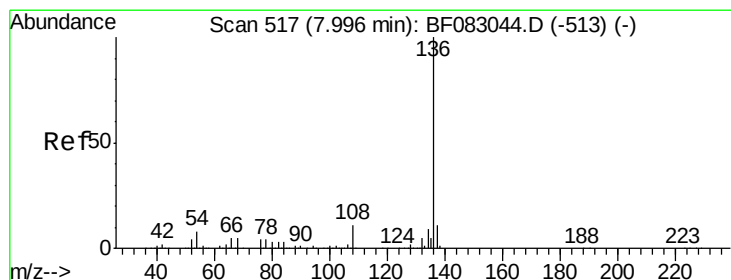
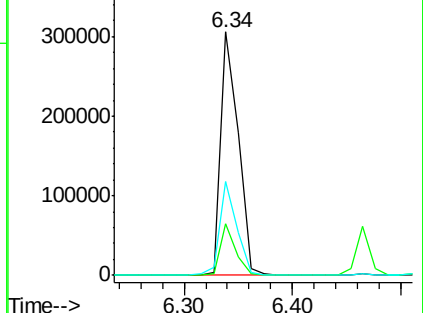
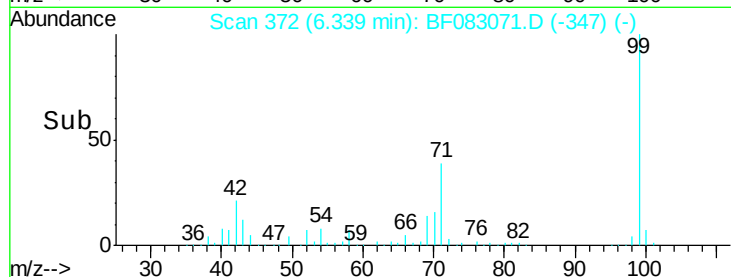
71 38.6 29.2 43.8



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: 7.98 min Scan# 516

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Tgt Ion: 136 Resp: 418431

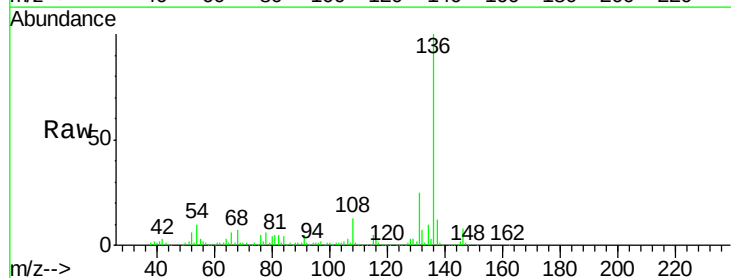
Ion Ratio Lower Upper

136 100

137 11.5 8.6 12.8

54 10.1 6.2 9.2#

68 6.5 4.2 6.2#

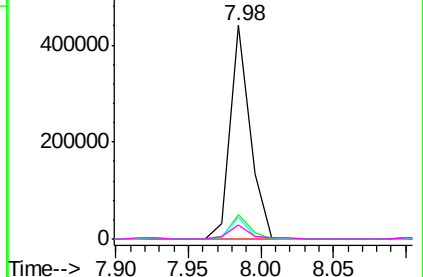
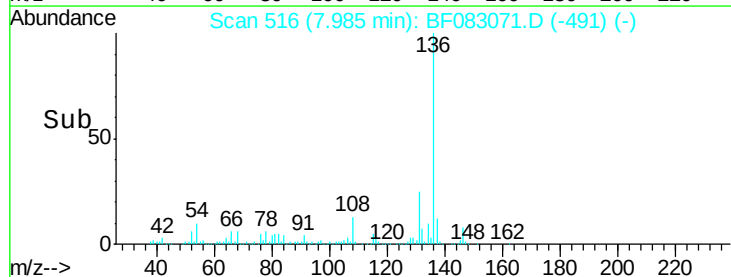


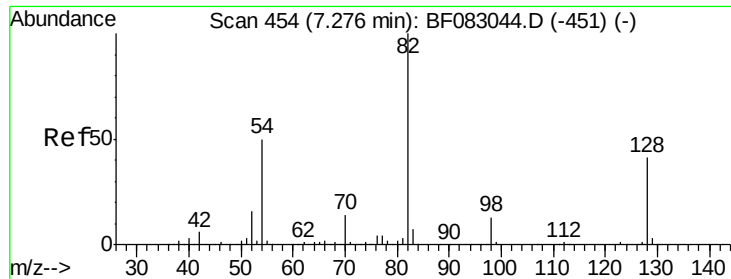
Abundance Ion 136.00 (135.70 to 136.70): E

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

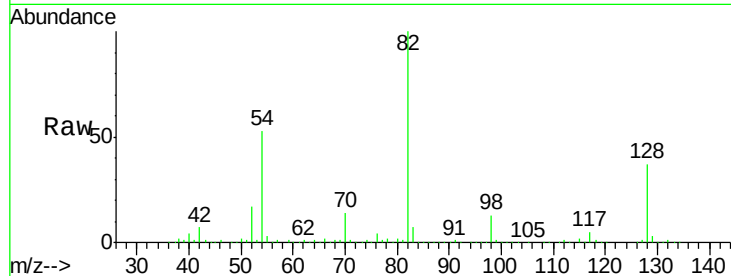




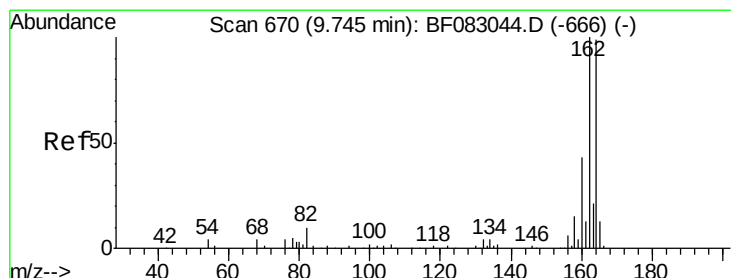
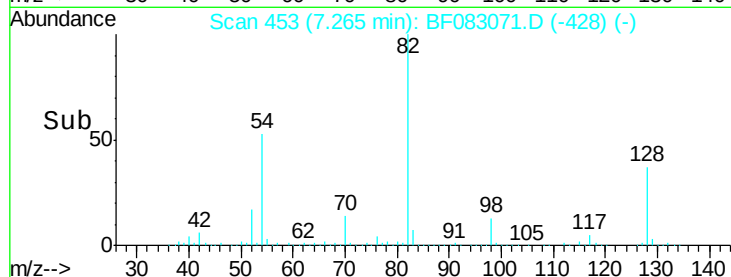
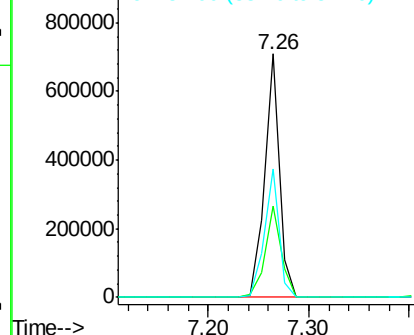
#23
 Nitrobenzene-d5
 Concen: 79.47 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.5	33.1	49.7
54	52.7	39.8	59.6

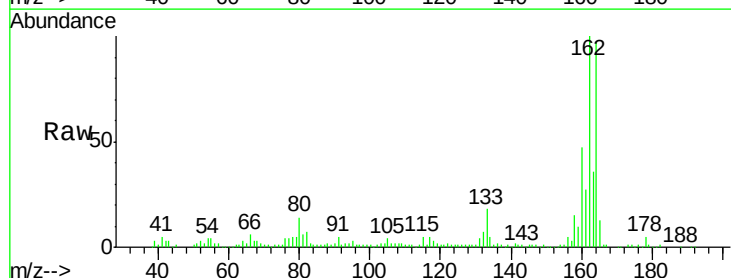


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

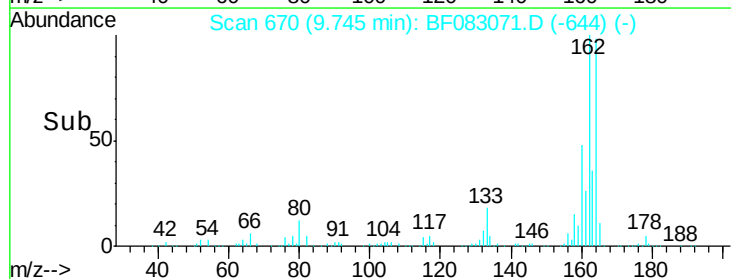
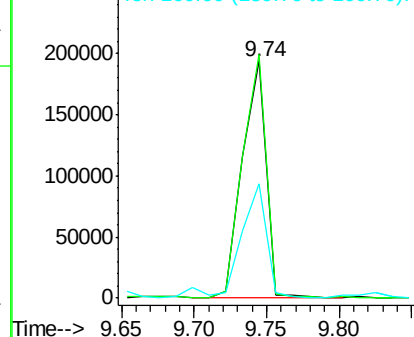


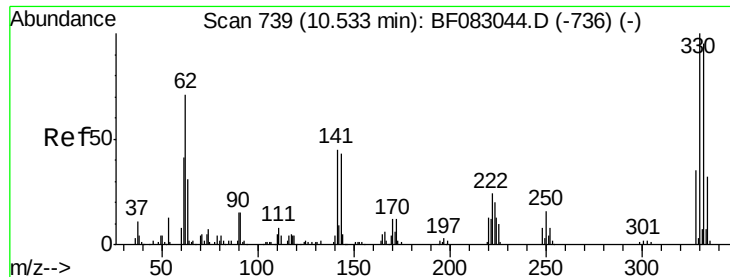
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 670
 Delta R.T. 0.00 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.7	80.5	120.7
160	48.1	35.0	52.4



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

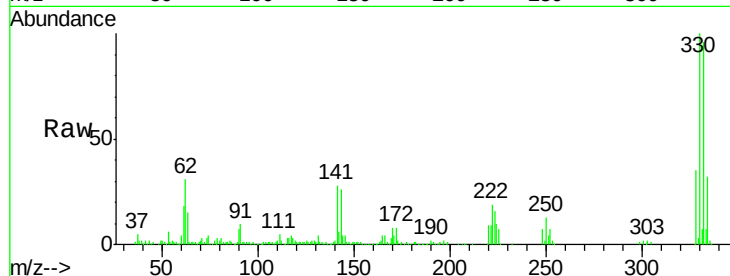




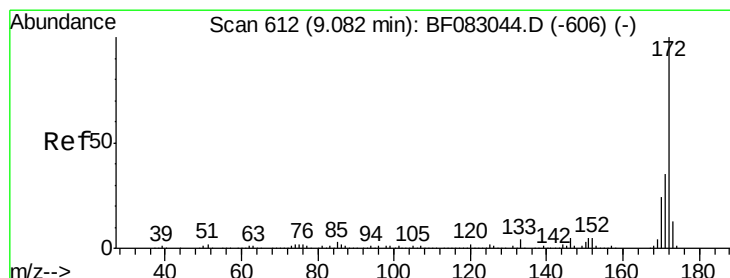
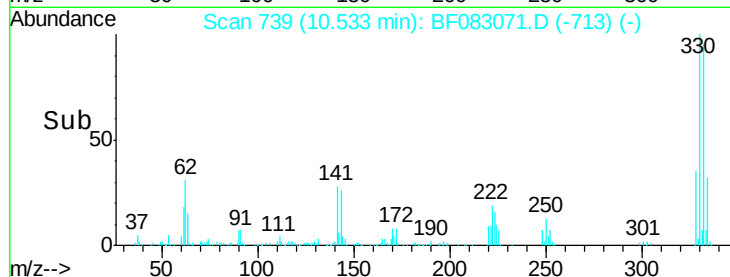
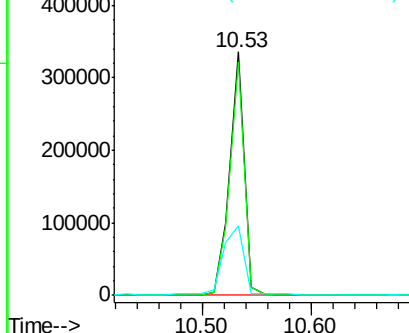
#41
 2,4,6-Tribromophenol
 Concen: 134.33 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:330 Resp: 311927
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.6 116.4
 141 39.6 34.6 52.0

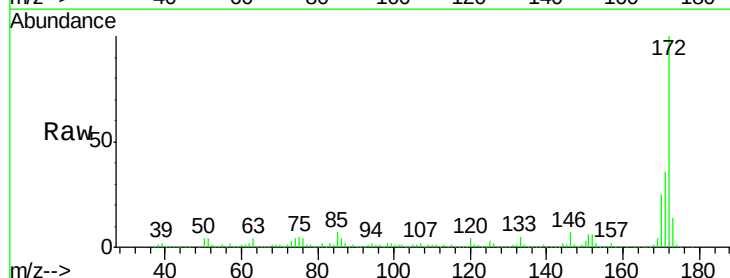


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

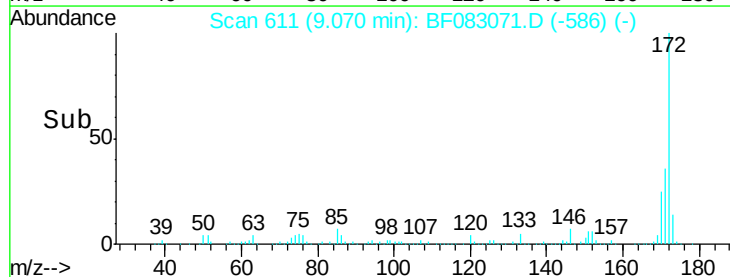
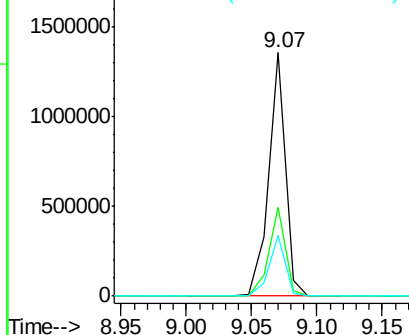


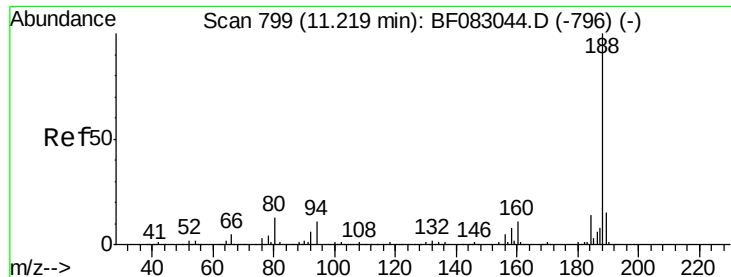
#44
 2-Fluorobiphenyl
 Concen: 75.87 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion:172 Resp: 1231944
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.2 42.4
 170 24.7 19.4 29.0



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: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

Instrument :

BNA_F

ClientSampleId :

MW-1

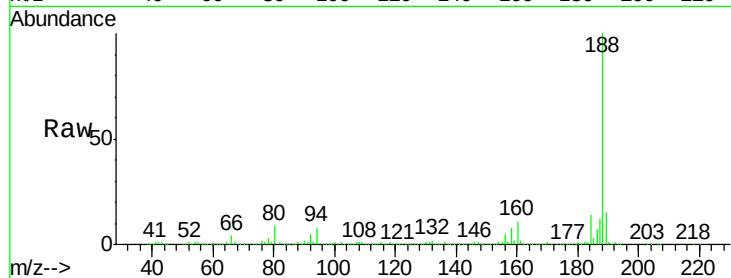
Tgt Ion:188 Resp: 426028

Ion Ratio Lower Upper

188 100

94 8.5 9.0 13.4#

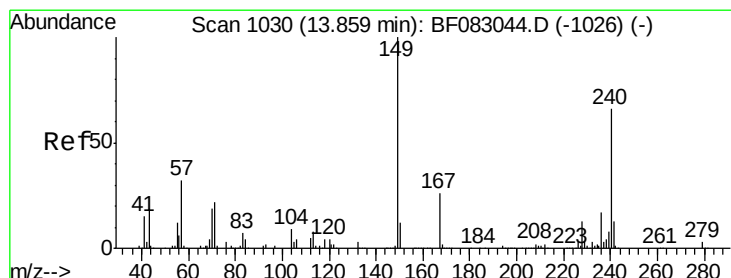
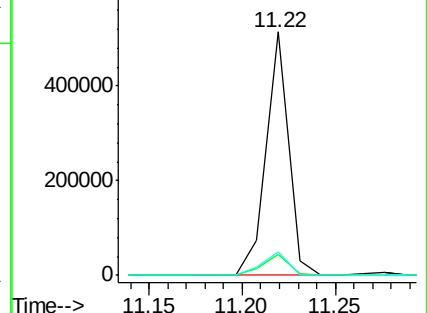
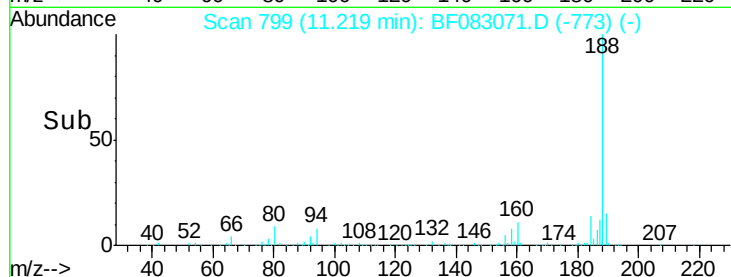
80 9.4 10.2 15.4#



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: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083071.D

Acq: 20 Nov 2015 9:15

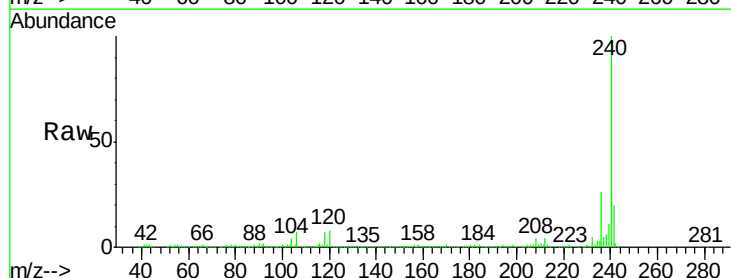
Tgt Ion:240 Resp: 394690

Ion Ratio Lower Upper

240 100

120 8.1 5.3 7.9#

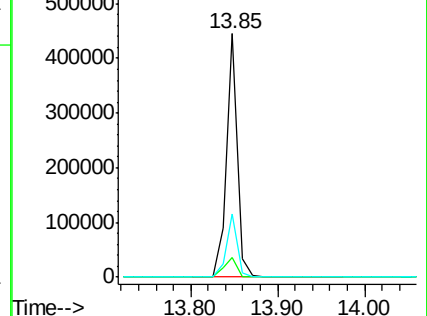
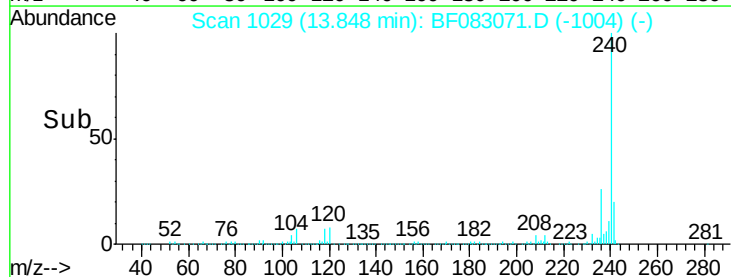
236 25.9 20.4 30.6

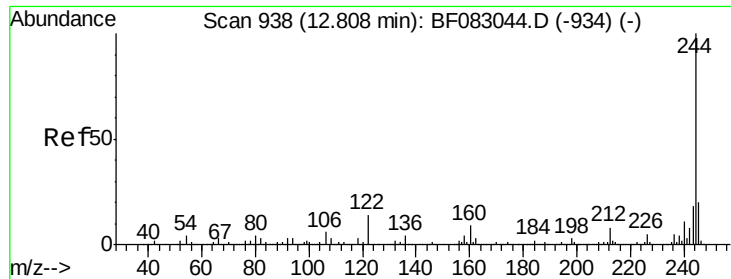


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

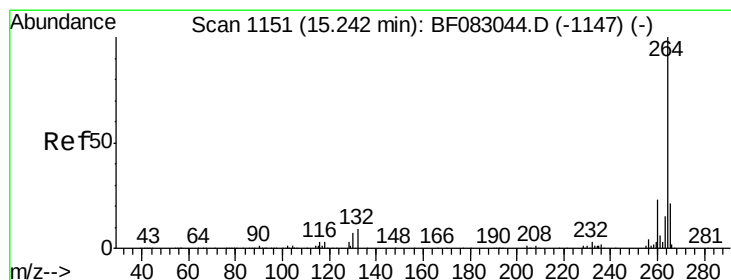
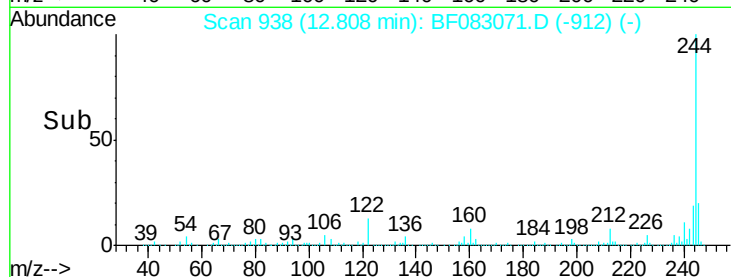
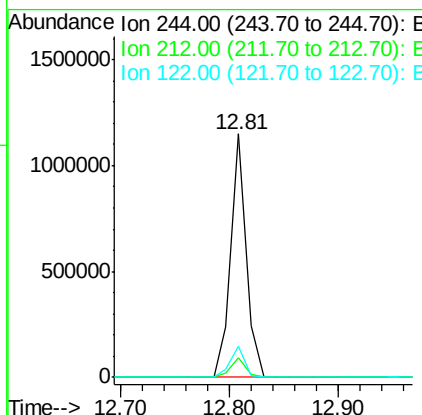
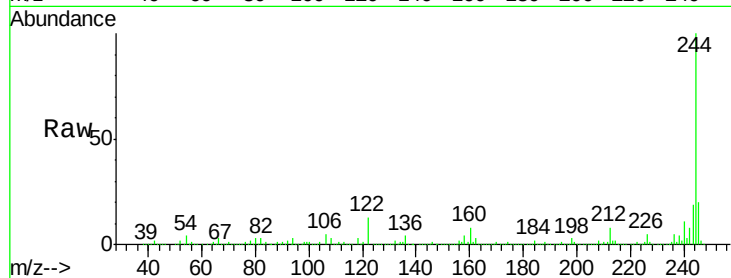




#78
 Terphenyl-d14
 Concen: 67.34 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:244 Resp: 1125820
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 12.6 10.9 16.3



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.23 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF083071.D
 Acq: 20 Nov 2015 9:15

Tgt Ion:264 Resp: 326161
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 27.8
 265 21.9 17.0 25.6

