

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
 Data File : BF083068.D
 Acq On : 20 Nov 2015 7:48
 Operator : UM/IZ
 Sample : G4455-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK1-111315

Quant Time: Nov 20 08:58:21 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

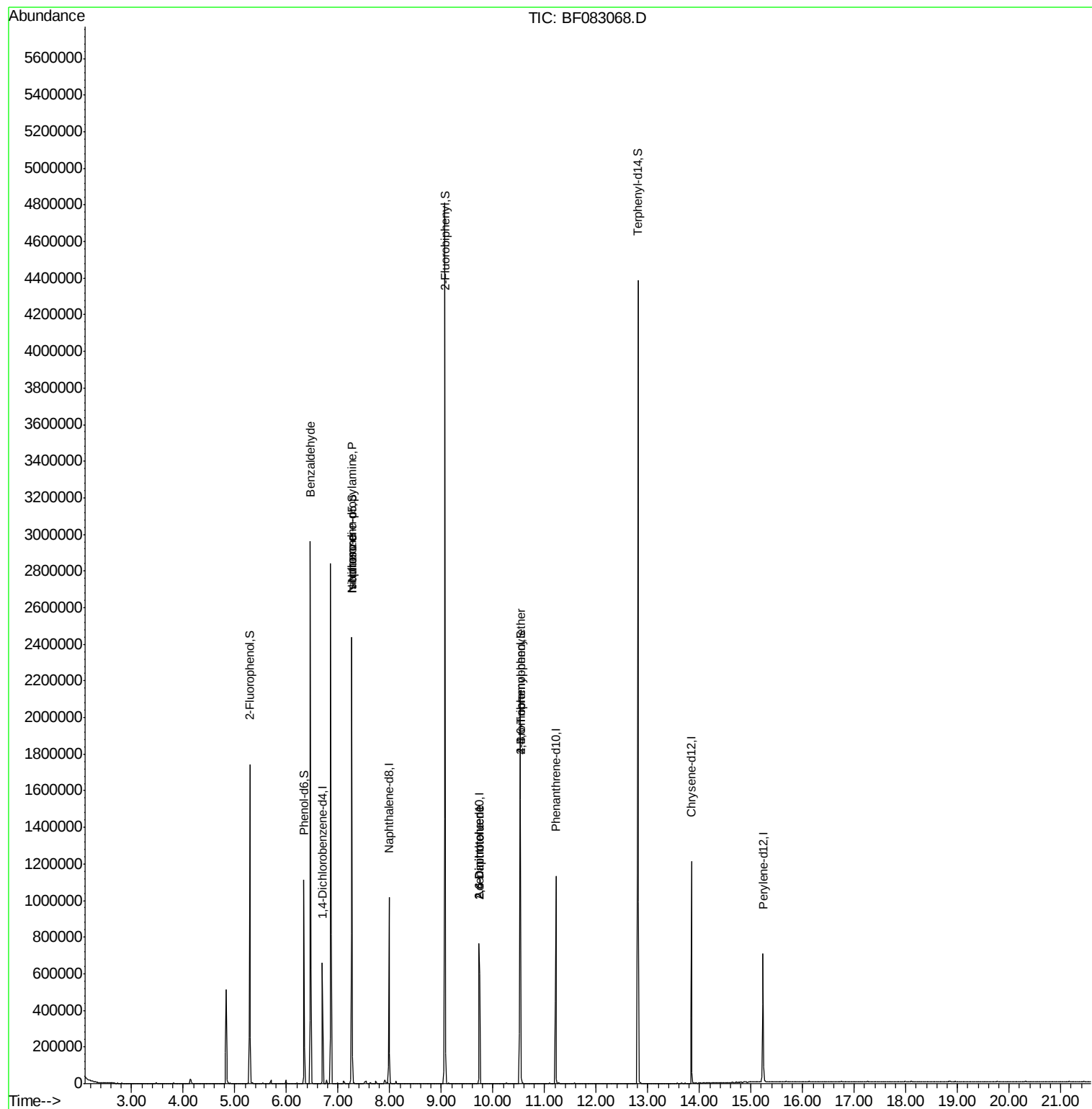
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	107930	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	415225	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	209125	20.00	ng	-0.01
63) Phenanthrene-d10	11.22	188	457973	20.00	ng	0.00
75) Chrysene-d12	13.85	240	437320	20.00	ng	-0.01
86) Perylene-d12	15.23	264	342274	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	431267	62.06	ng	0.00
7) Phenol-d6	6.34	99	333896	36.48	ng	-0.01
23) Nitrobenzene-d5	7.26	82	833741	91.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	365300	164.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1454731	93.69	ng	-0.01
78) Terphenyl-d14	12.81	244	1463673	79.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.46	77	18672	2.51	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.26	70	113991	17.04	ng	# 75
25) Isophorone	7.26	82	627821	36.70	ng	# 69
50) 2,6-Dinitrotoluene	9.73	165	25692	6.92	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	25692	5.17	ng	# 18
66) 4-Bromophenyl-phenylether	10.53	248	23309	4.39	ng	# 1

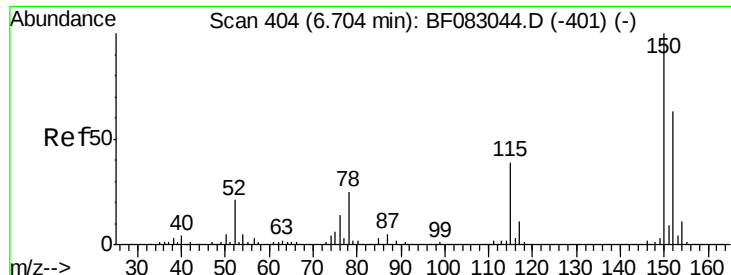
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111915\
Data File : BF083068.D
Acq On : 20 Nov 2015 7:48
Operator : UM/IZ
Sample : G4455-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK1-111315

Quant Time: Nov 20 08:58:21 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK1-111315

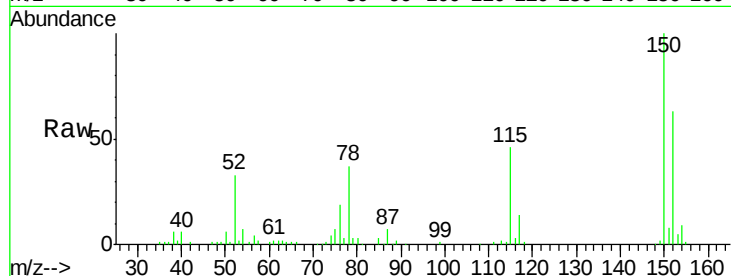
Tgt Ion:152 Resp: 107930

Ion Ratio Lower Upper

152 100

150 157.5 126.4 189.6

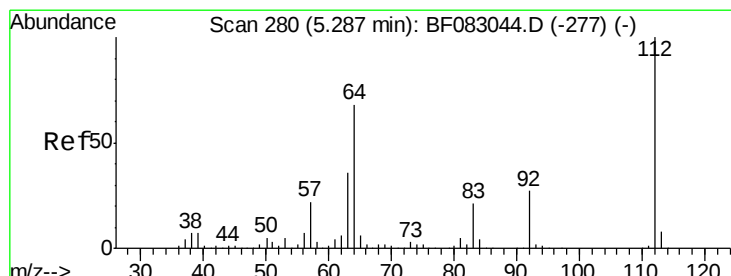
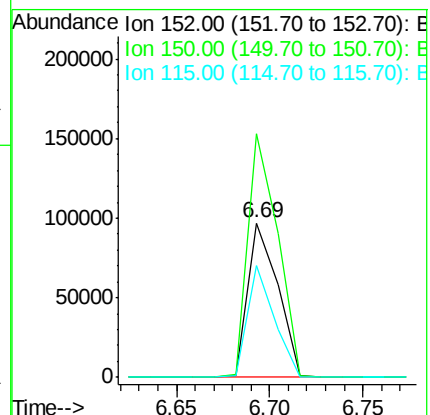
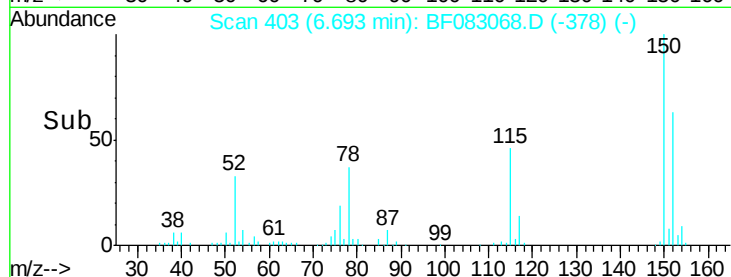
115 72.0 49.0 73.6



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: 62.06 ng

RT: 5.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

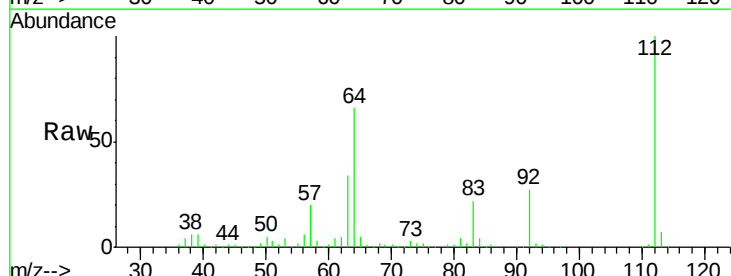
Tgt Ion:112 Resp: 431267

Ion Ratio Lower Upper

112 100

64 65.6 54.8 82.2

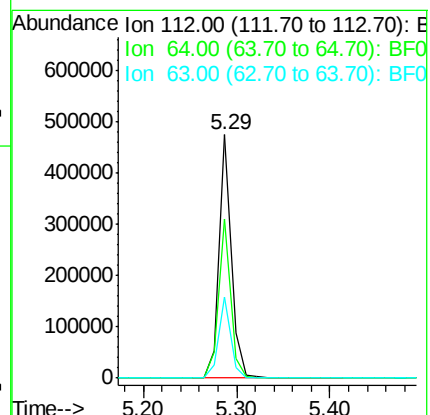
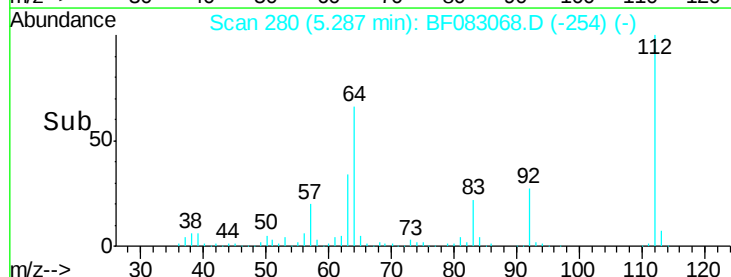
63 33.5 29.0 43.4

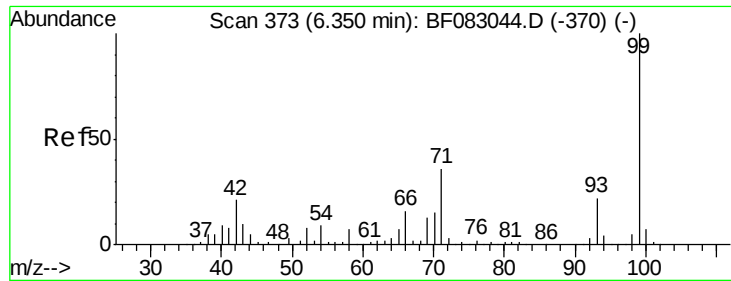


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 36.48 ng

RT: 6.34 min Scan# 372

Delta R.T. -0.01 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK1-111315

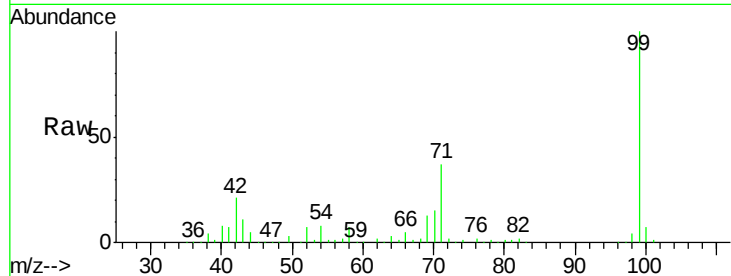
Tgt Ion: 99 Resp: 333896

Ion Ratio Lower Upper

99 100

42 21.0 16.6 25.0

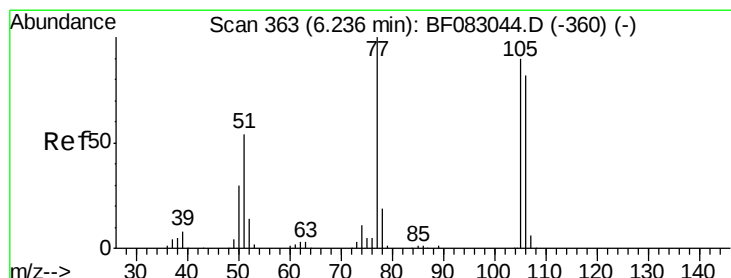
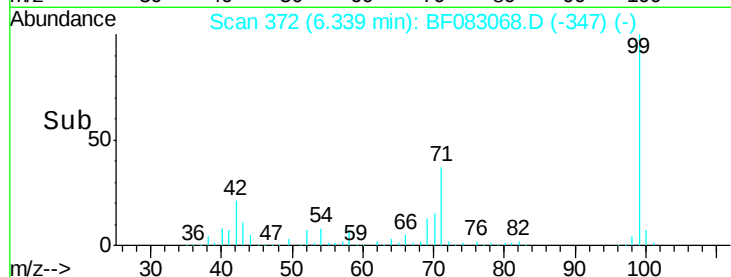
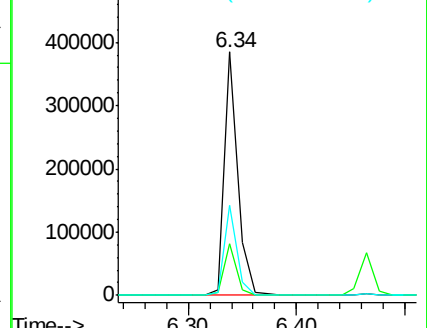
71 37.1 29.2 43.8



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



#9

Benzaldehyde

Concen: 2.51 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.23 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

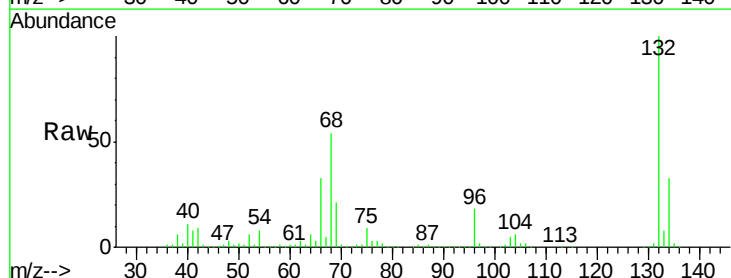
Tgt Ion: 77 Resp: 18672

Ion Ratio Lower Upper

77 100

105 72.2 69.6 109.6

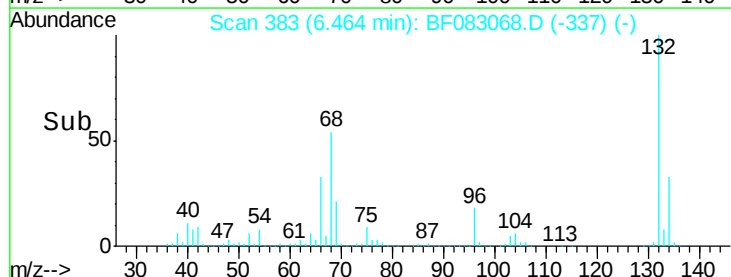
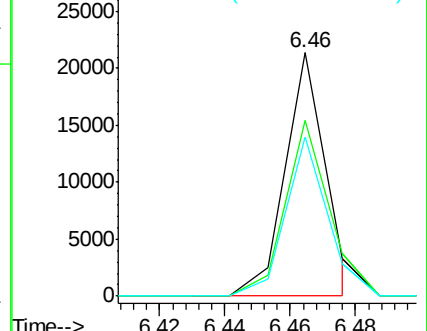
106 65.4 62.0 102.0

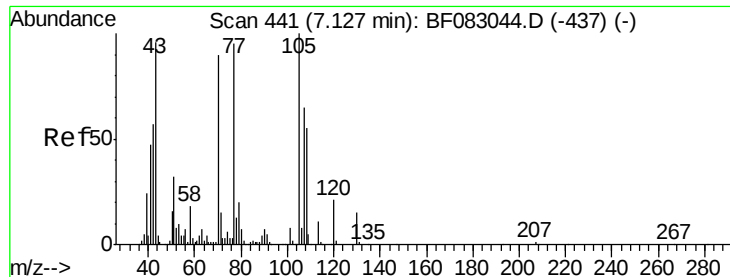


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

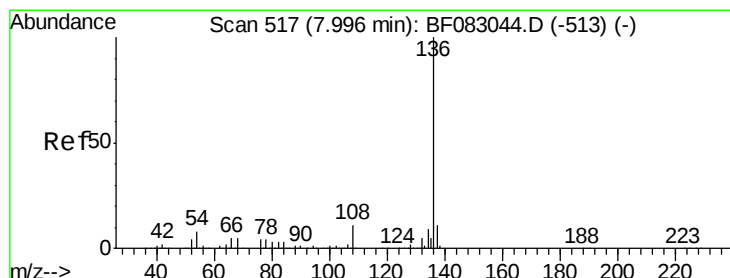
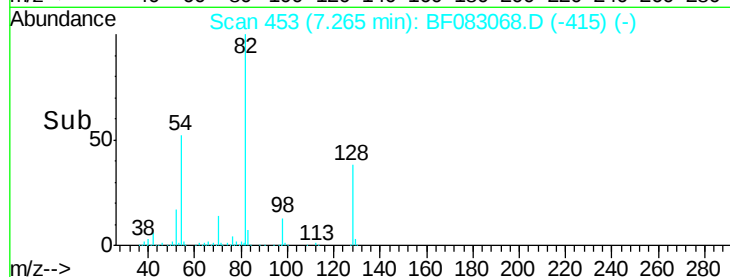
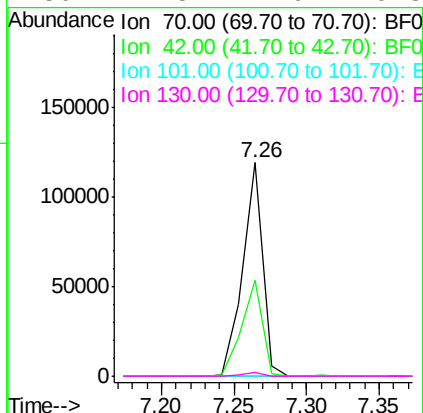
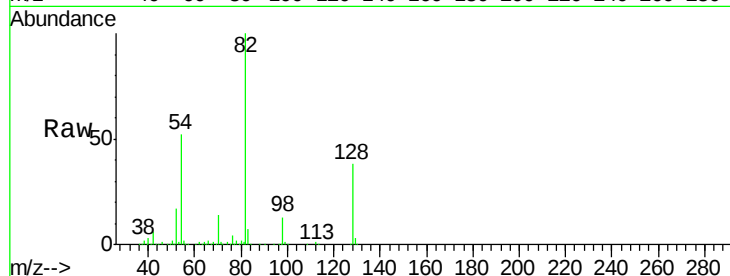




#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.26 min Scan# 453
Delta R.T. 0.14 min
Lab File: BF083068.D
Acq: 20 Nov 2015 7:48

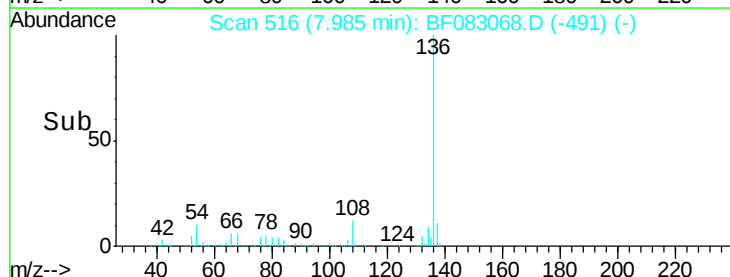
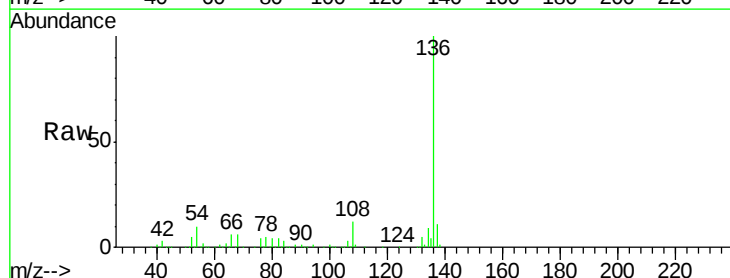
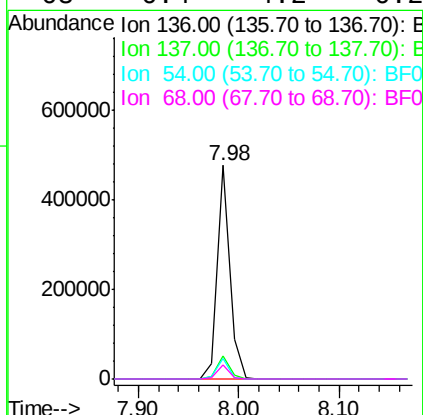
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK1-111315

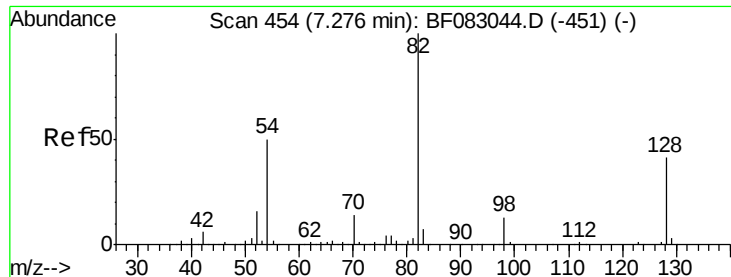
Tgt Ion: 70 Resp: 113991
Ion Ratio Lower Upper
70 100
42 45.3 50.2 75.2#
101 0.0 6.8 10.2#
130 1.8 12.9 19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.01 min
Lab File: BF083068.D
Acq: 20 Nov 2015 7:48

Tgt Ion: 136 Resp: 415225
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.5 6.2 9.2#
68 6.4 4.2 6.2#

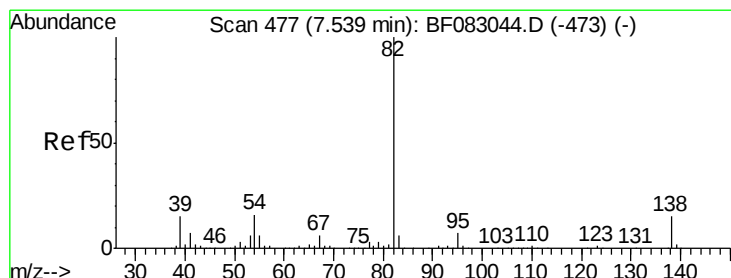
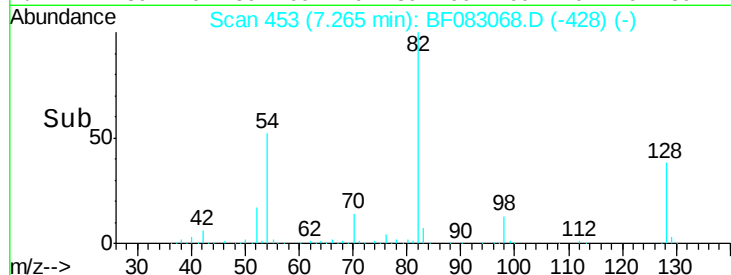
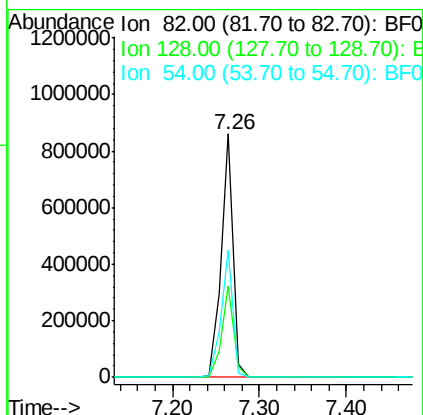
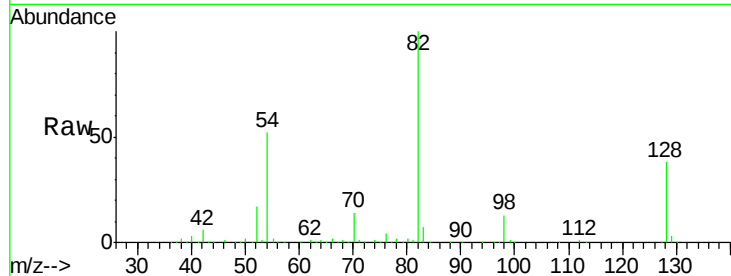




#23
 Nitrobenzene-d5
 Concen: 91.92 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.01 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

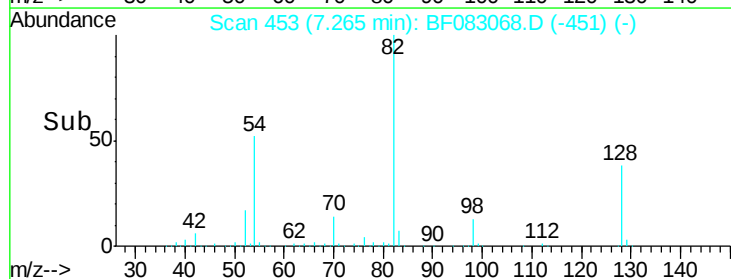
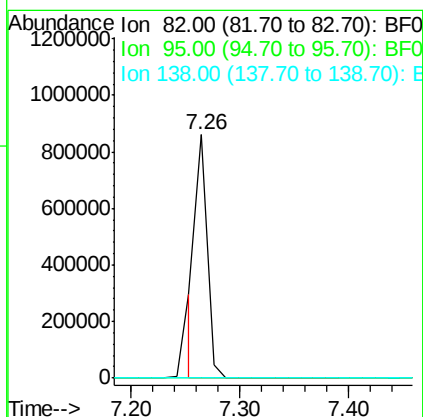
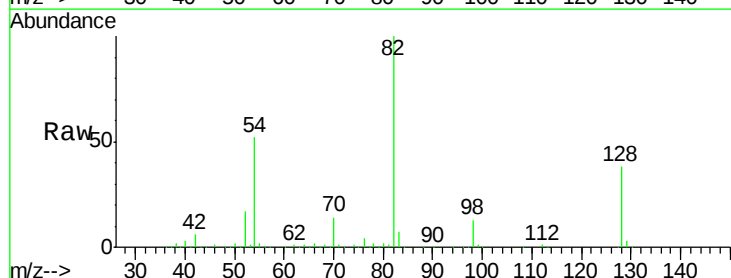
Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK1-111315

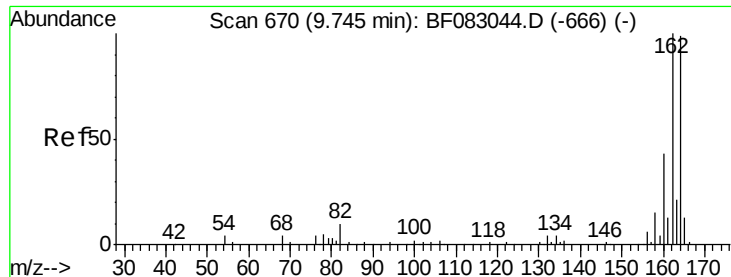
Tgt Ion: 82 Resp: 833741
 Ion Ratio Lower Upper
 82 100
 128 37.7 33.1 49.7
 54 52.1 39.8 59.6



#25
 Isophorone
 Concen: 36.70 ng
 RT: 7.26 min Scan# 453
 Delta R.T. -0.27 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Tgt Ion: 82 Resp: 627821
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 12.2 18.4#

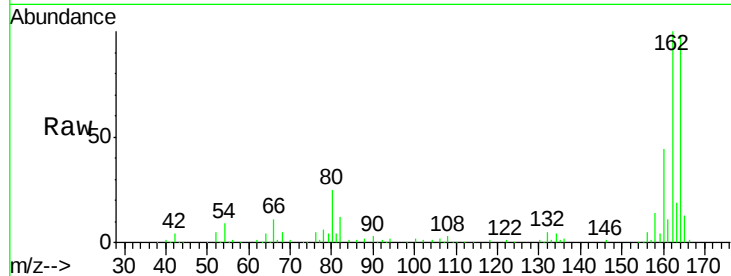




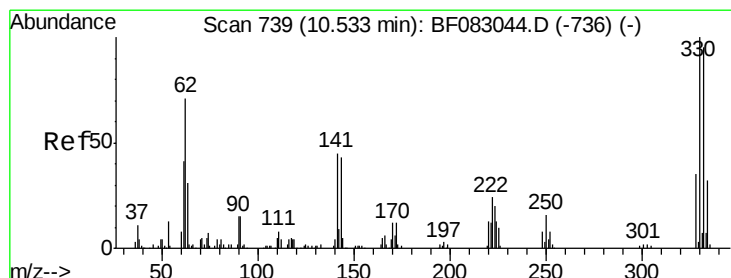
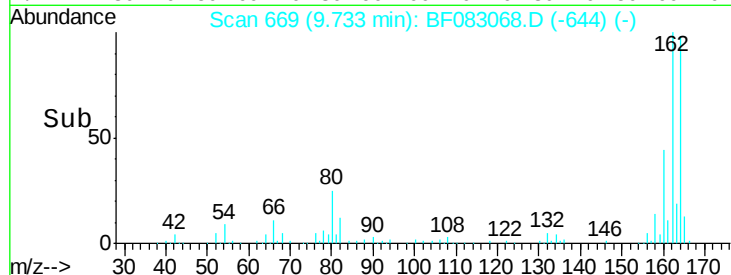
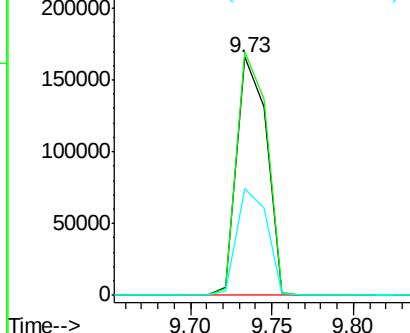
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK1-111315

Tgt Ion:164 Resp: 209125
 Ion Ratio Lower Upper
 164 100
 162 102.2 80.5 120.7
 160 44.6 35.0 52.4

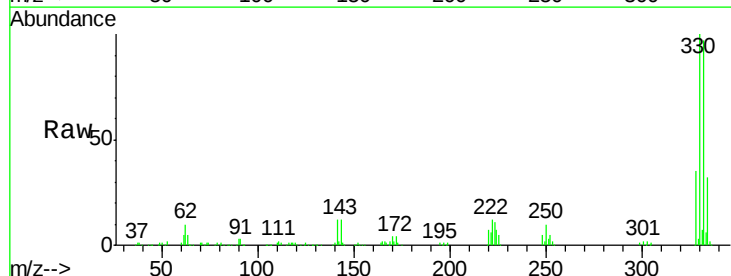


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

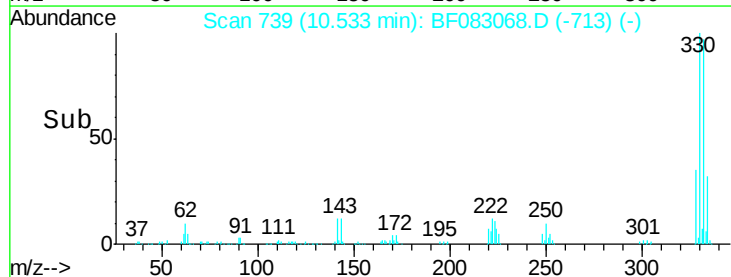
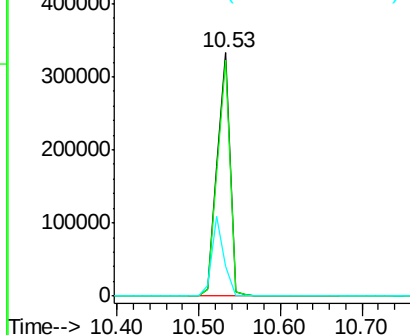


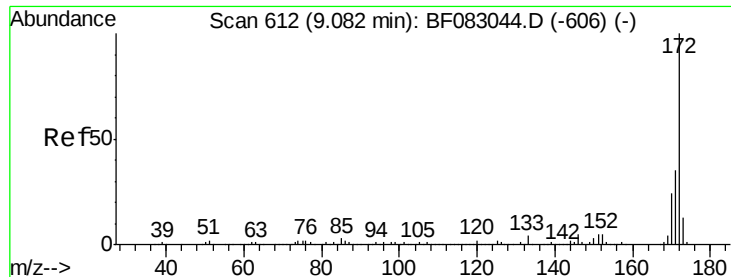
#41
 2,4,6-Tribromophenol
 Concen: 164.52 ng
 RT: 10.53 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Tgt Ion:330 Resp: 365300
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.6 116.4
 141 31.4 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

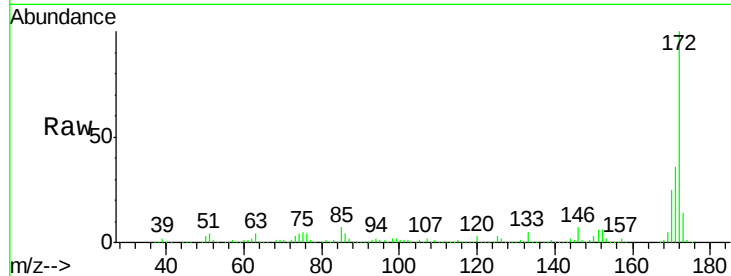




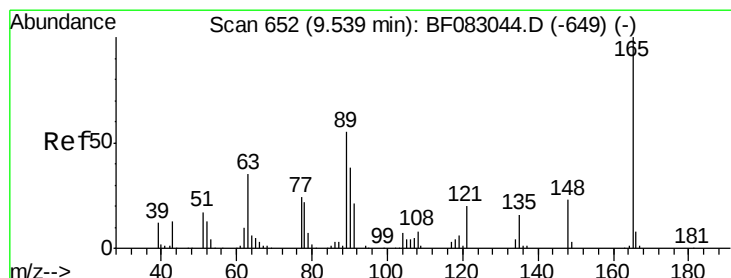
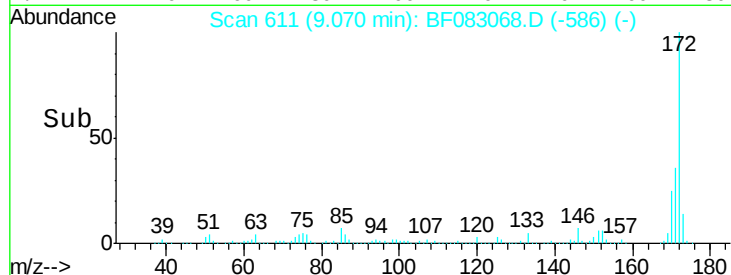
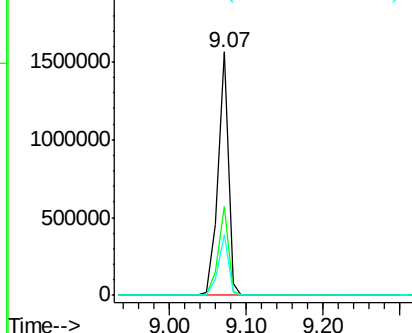
#44
 2-Fluorobiphenyl
 Concen: 93.69 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK1-111315

Tgt Ion:172 Resp: 1454731
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.2 42.4
 170 24.7 19.4 29.0

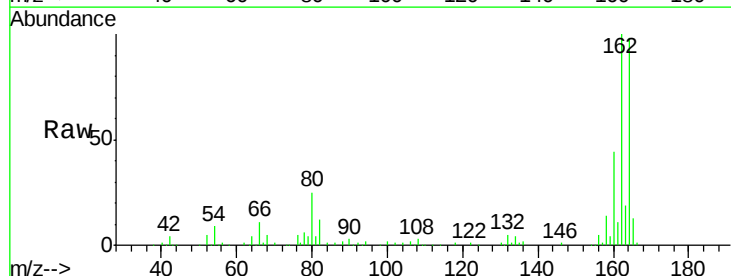


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

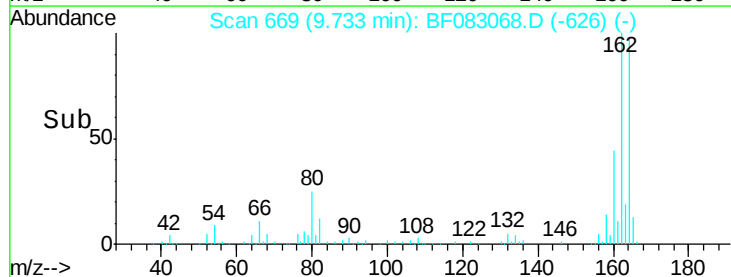
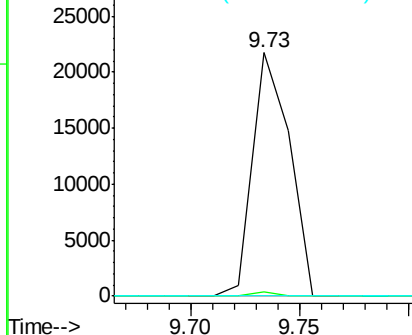


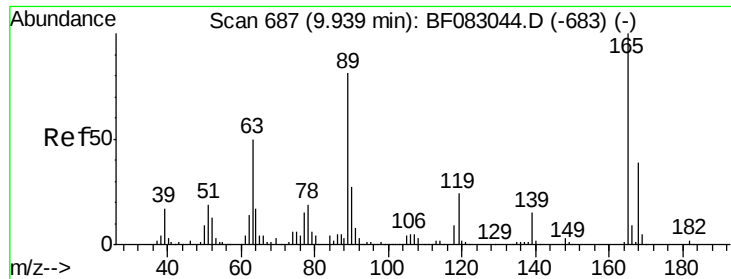
#50
 2,6-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.19 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Tgt Ion:165 Resp: 25692
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.6 61.0#
 89 0.0 44.5 66.7#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

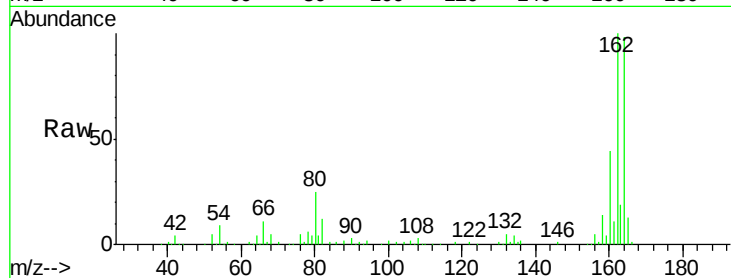




#56
2,4-Dinitrotoluene
Concen: 5.17 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.21 min
Lab File: BF083068.D
Acq: 20 Nov 2015 7:48

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK1-111315

Tgt Ion:	165	Resp:	25692
Ion	Ratio	Lower	Upper
165	100		
63	1.5	40.6	61.0#
89	0.0	64.4	96.6#
182	0.0	1.6	2.4#

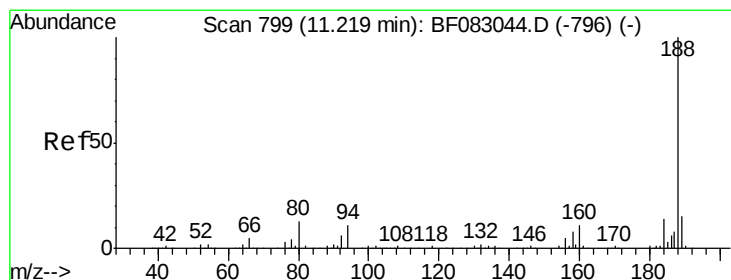
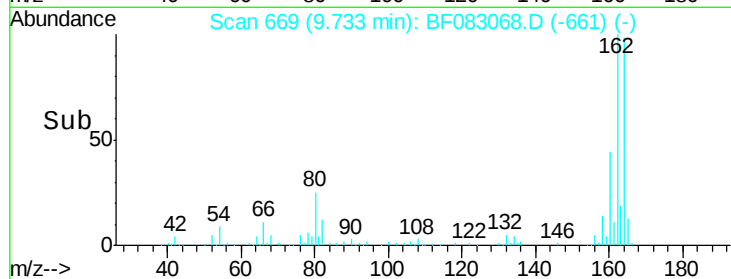
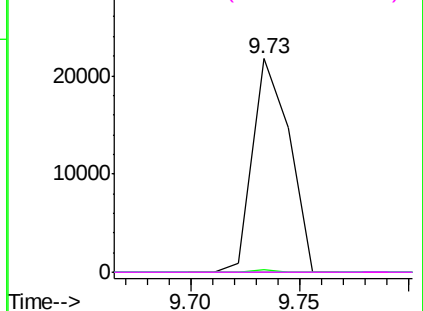


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

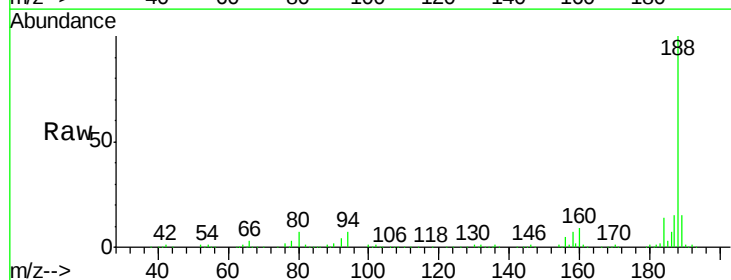
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF083068.D
Acq: 20 Nov 2015 7:48

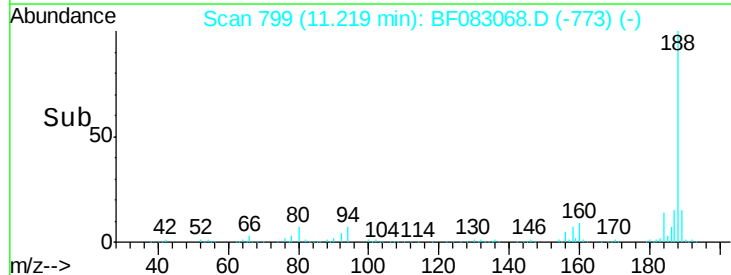
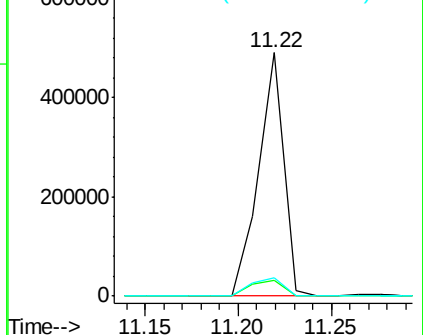
Tgt Ion:	188	Resp:	457973
Ion	Ratio	Lower	Upper
188	100		
94	6.7	9.0	13.4#
80	7.3	10.2	15.4#

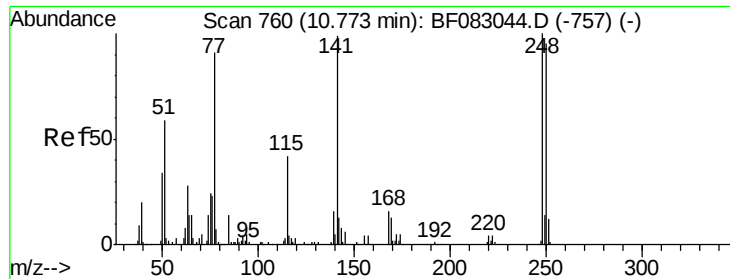


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#66

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK1-111315

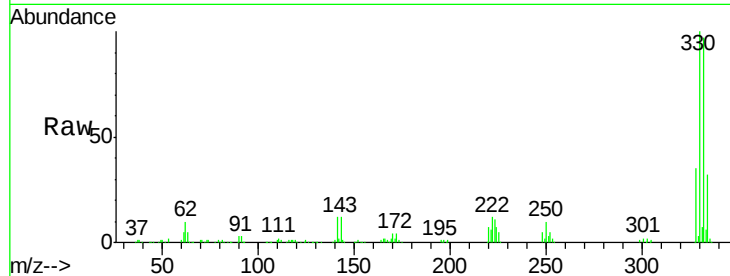
Tgt Ion:248 Resp: 23309

Ion Ratio Lower Upper

248 100

250 197.1 76.1 114.1#

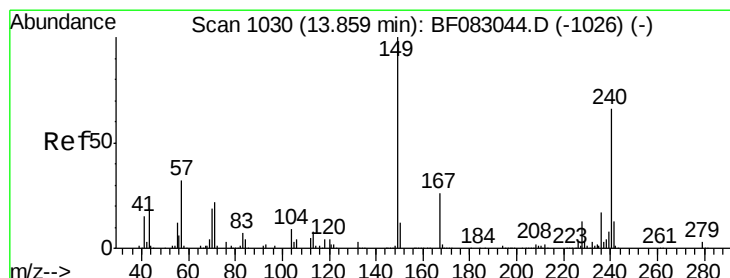
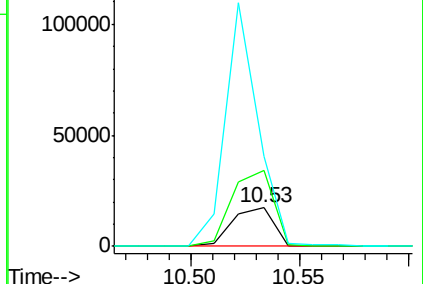
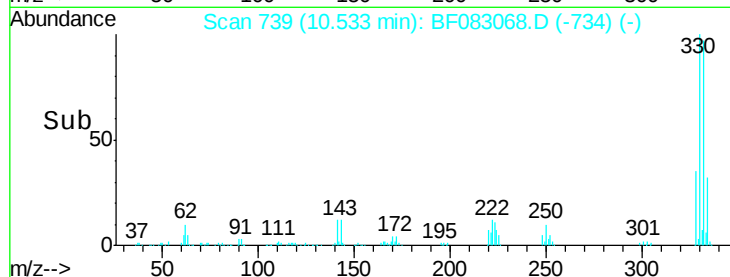
141 231.9 79.2 118.8#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF083068.D

Acq: 20 Nov 2015 7:48

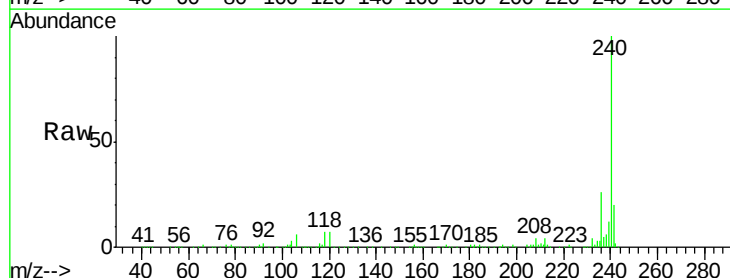
Tgt Ion:240 Resp: 437320

Ion Ratio Lower Upper

240 100

120 7.4 5.3 7.9

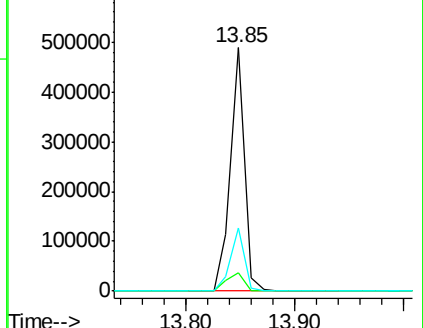
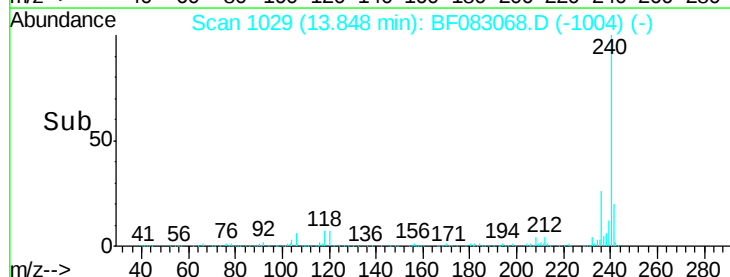
236 26.0 20.4 30.6

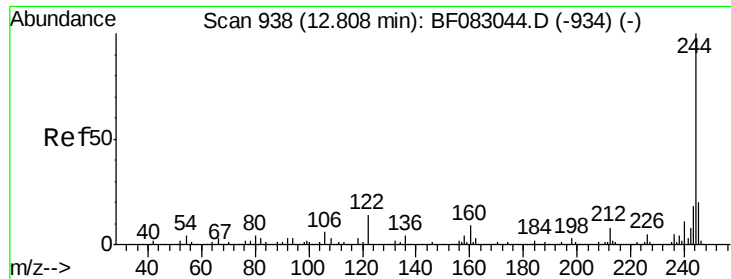


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

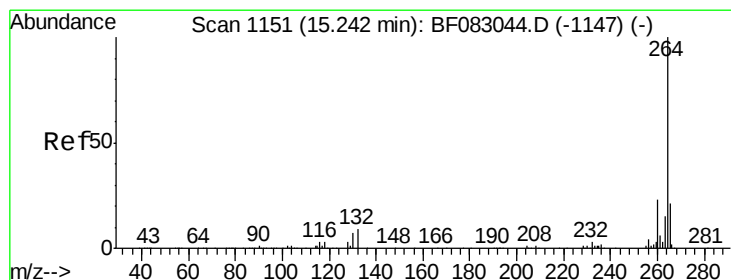
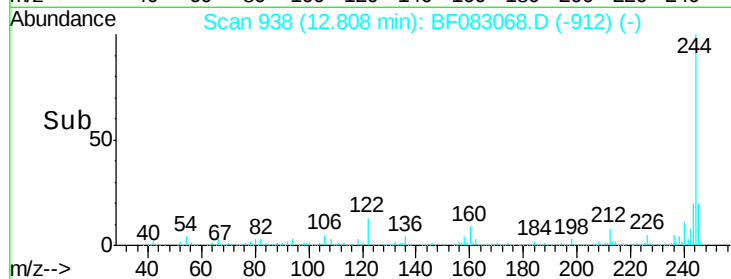
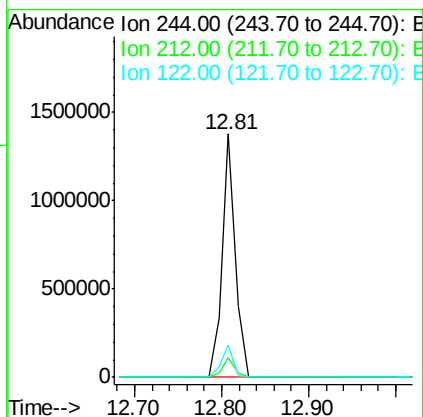
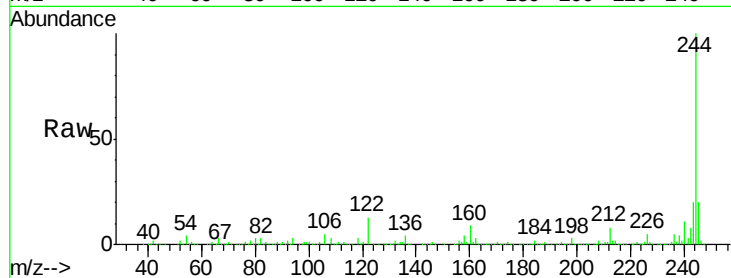




#78
 Terphenyl-d14
 Concen: 79.01 ng
 RT: 12.81 min Scan# 938
 Delta R.T. 0.00 min
 Lab File: BF083068.D
 Acq: 20 Nov 2015 7:48

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK1-111315

Tgt Ion:244 Resp: 1463673
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.4 9.6
 122 13.4 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: BF083068.D
 Acq: 20 Nov 2015 7:48

Tgt Ion:264 Resp: 342274
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 21.3 17.0 25.6

