

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112215\
 Data File : BF083188.D
 Acq On : 23 Nov 2015 5:30
 Operator : UM/IZ
 Sample : G4437-01
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Quant Time: Nov 23 06:30:15 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Nov 22 09:22:46 2015
 Response via : Initial Calibration

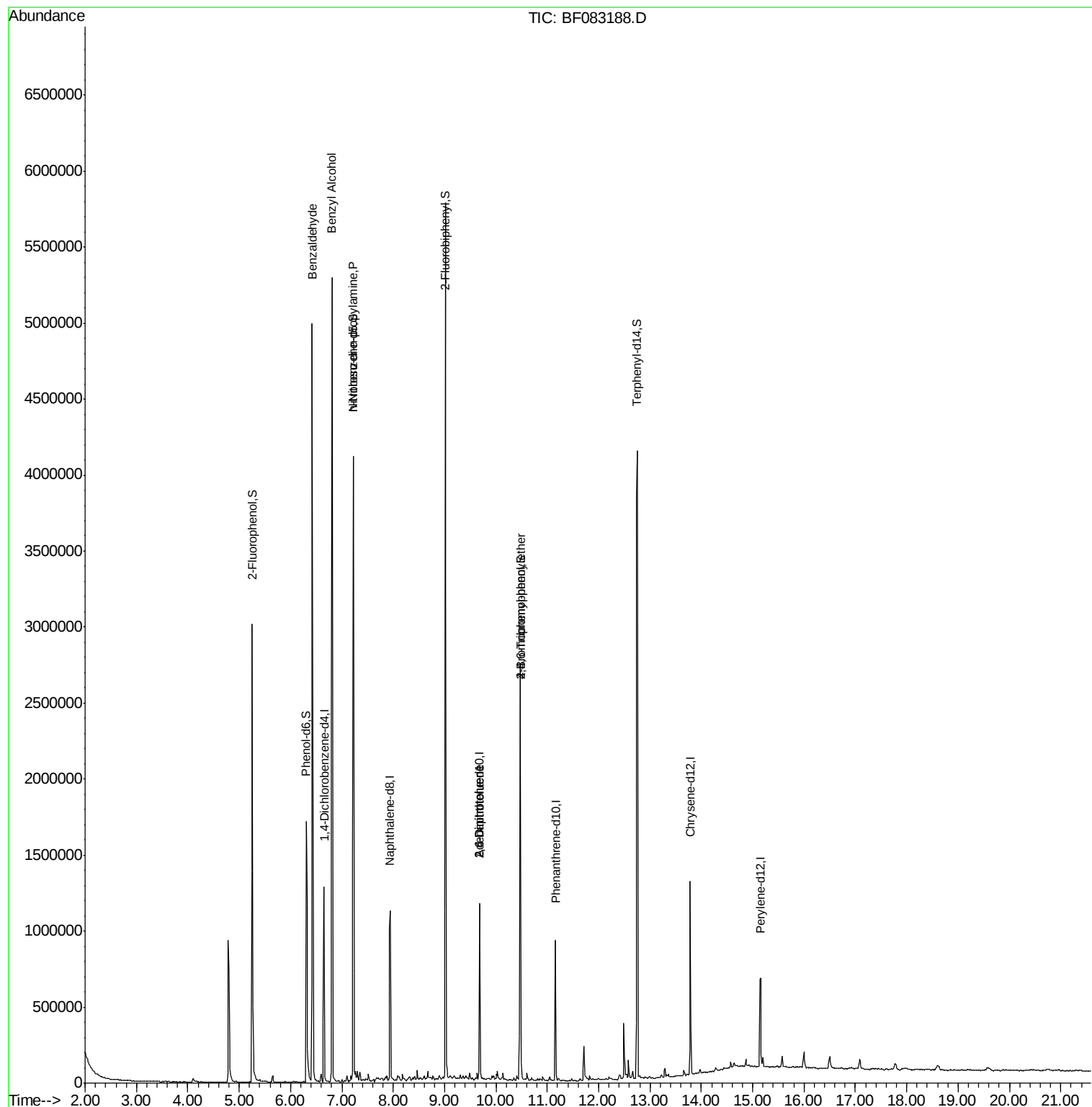
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	202609	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	705803	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	312252	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	501542	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	446613	20.00	ng	-0.02
86) Perylene-d12	15.15	264	334588	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1009271	75.31	ng	-0.02
7) Phenol-d6	6.31	99	812996	46.89	ng	-0.03
23) Nitrobenzene-d5	7.22	82	1571932	101.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	467272	146.27	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	2357988	105.30	ng	-0.01
78) Terphenyl-d14	12.75	244	1921506	101.31	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.42	77	40505	2.75	ng	# 72
15) Benzyl Alcohol	6.81	79	29688	2.05	ng	# 45
19) n-Nitroso-di-n-propylamine	7.22	70	215532	17.86	ng	# 75
50) 2,6-Dinitrotoluene	9.68	165	39725	7.36	ng	# 13
56) 2,4-Dinitrotoluene	9.68	165	39727	5.81	ng	# 10
66) 4-Bromophenyl-phenylether	10.48	248	32307	5.80	ng	# 1

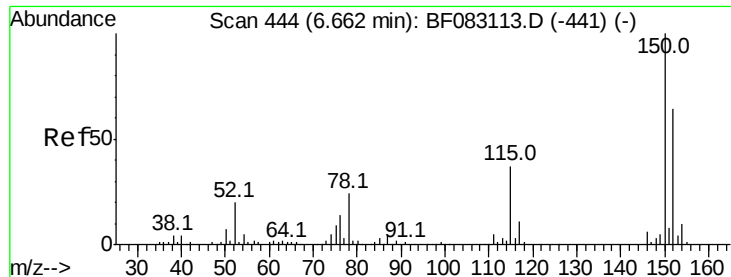
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 23 06:30:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.65 min Scan# 408

Delta R.T. -0.01 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-35

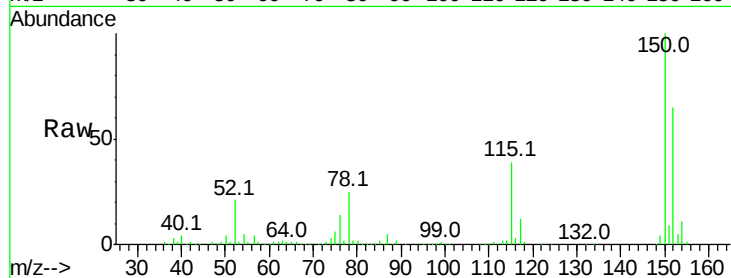
Tot Ion:152 Resp: 202609

Ion Ratio Lower Upper

152 100

150 154.6 125.8 188.8

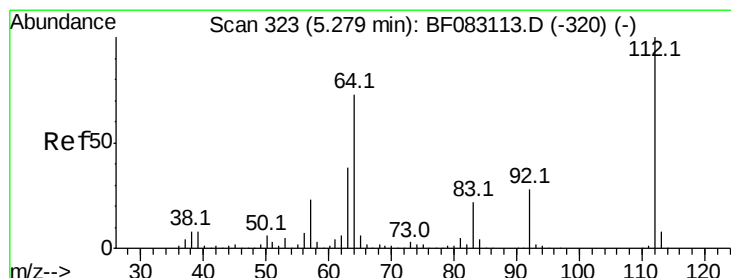
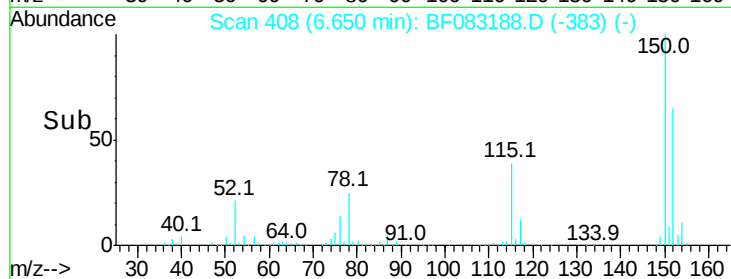
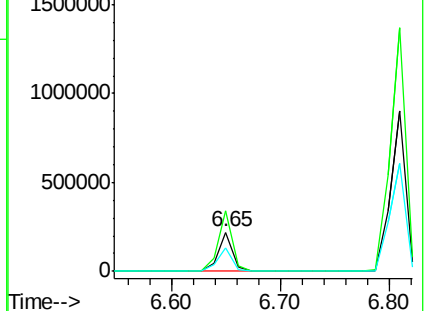
115 59.9 46.9 70.3



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: 75.31 ng

RT: 5.26 min Scan# 286

Delta R.T. -0.02 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

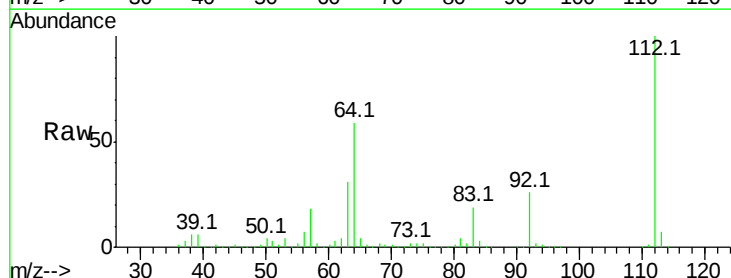
Tgt Ion:112 Resp: 1009271

Ion Ratio Lower Upper

112 100

64 59.3 58.4 87.6

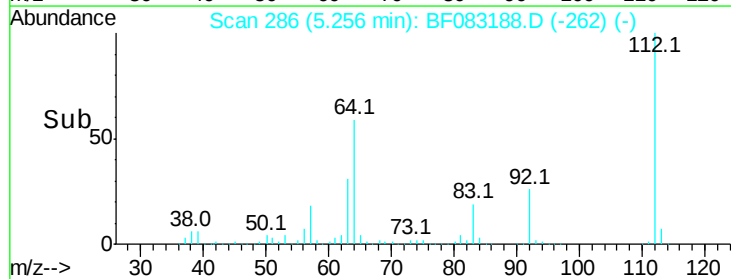
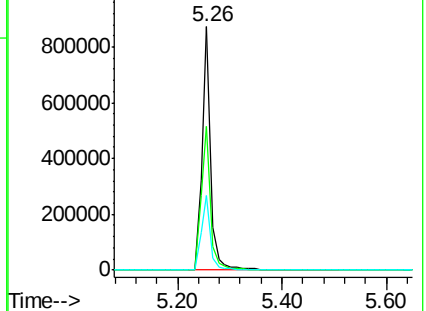
63 30.7 30.0 45.0

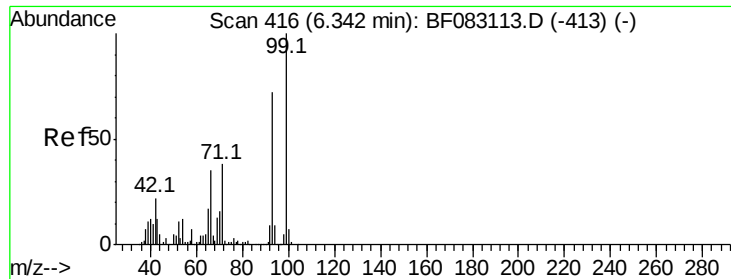


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 46.89 ng

RT: 6.31 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-35

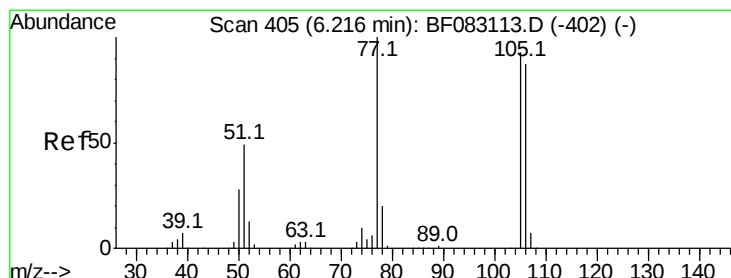
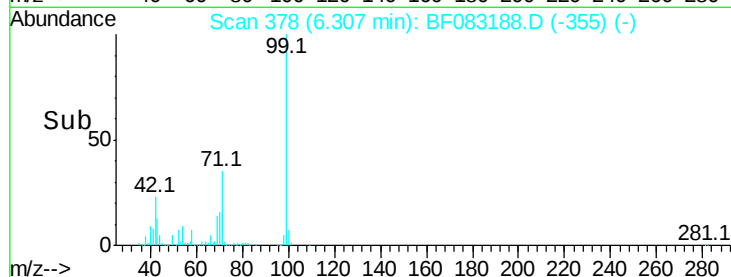
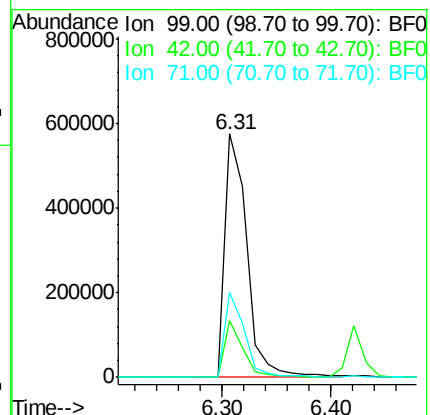
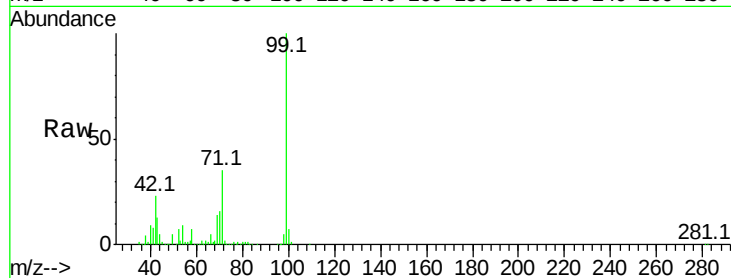
Tot Ion: 99 Resp: 812996

Ion Ratio Lower Upper

99 100

42 23.1 17.7 26.5

71 34.7 30.2 45.4



#9

Benzaldehyde

Concen: 2.75 ng

RT: 6.42 min Scan# 388

Delta R.T. 0.21 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

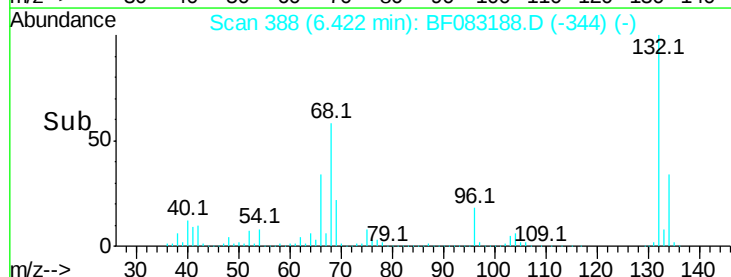
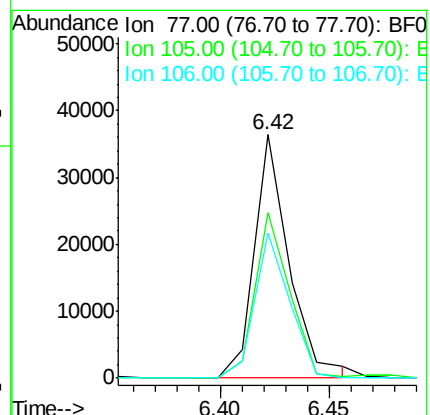
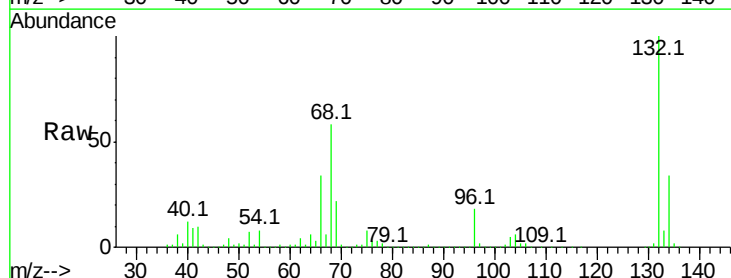
Tgt Ion: 77 Resp: 40505

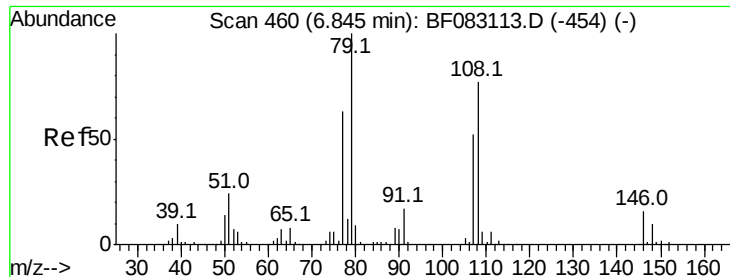
Ion Ratio Lower Upper

77 100

105 67.8 73.4 113.4#

106 59.4 67.5 107.5#





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.81 min Scan# 422

Delta R.T. -0.03 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-35

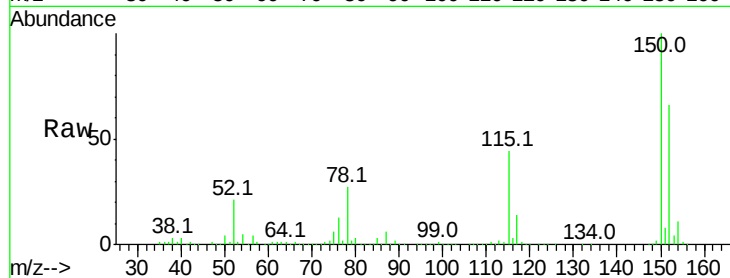
Tot Ion: 79 Resp: 29688

Ion Ratio Lower Upper

79 100

108 28.1 61.4 92.2#

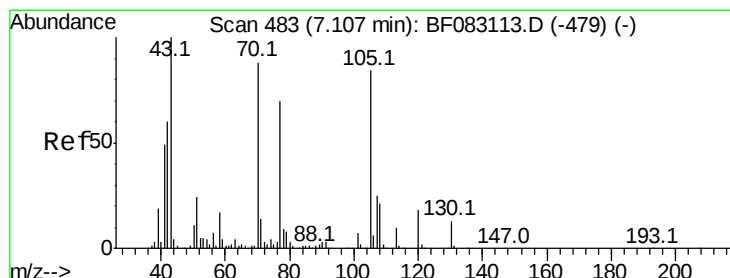
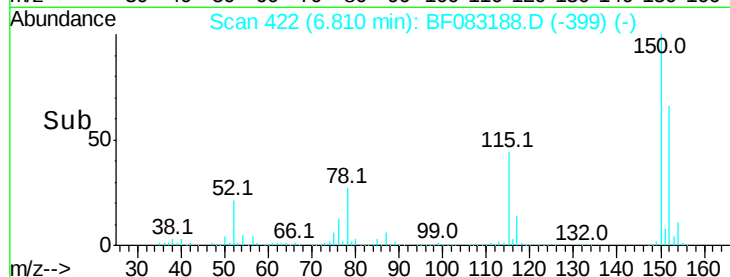
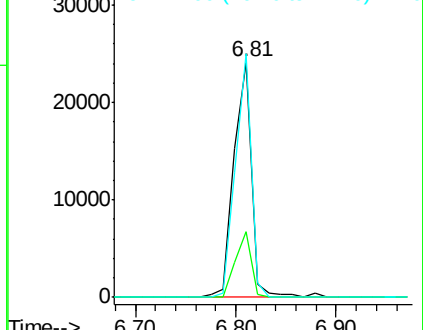
77 103.7 50.5 75.7#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 17.86 ng

RT: 7.22 min Scan# 458

Delta R.T. 0.11 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Tgt Ion: 70 Resp: 215532

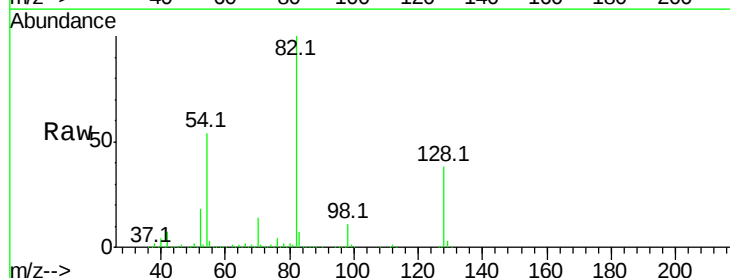
Ion Ratio Lower Upper

70 100

42 48.8 54.5 81.7#

101 0.0 6.6 9.8#

130 2.0 11.5 17.3#

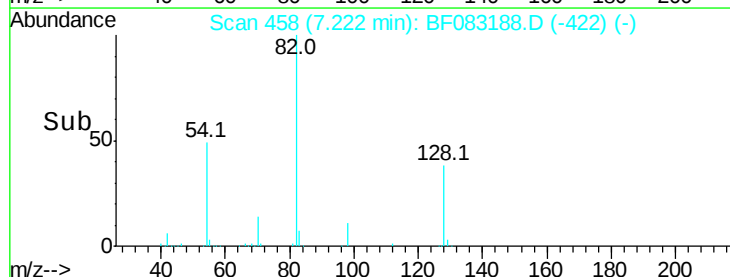
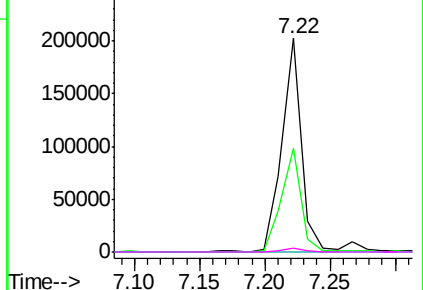


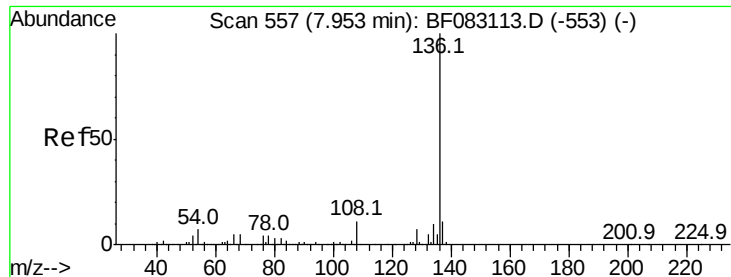
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

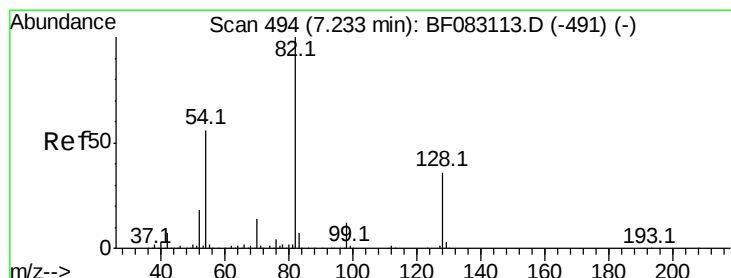
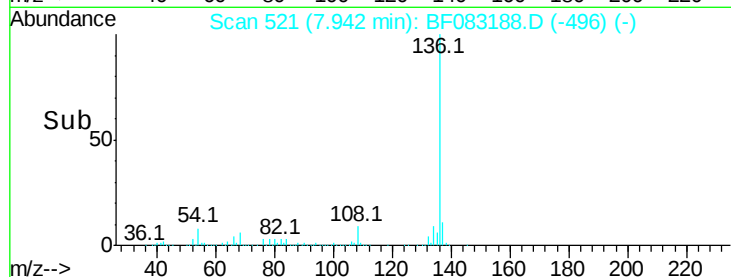
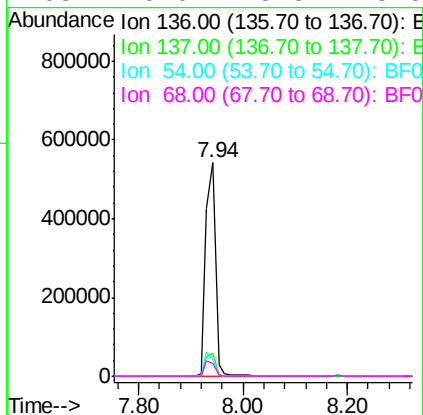
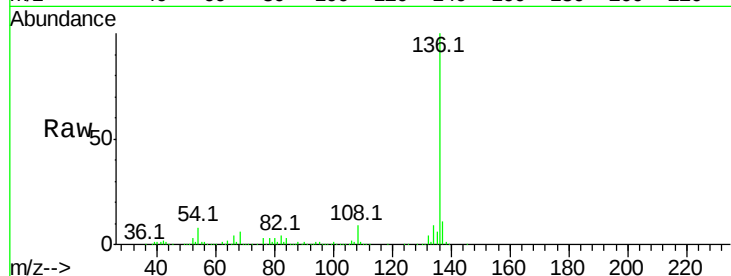




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.94 min Scan# 521
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

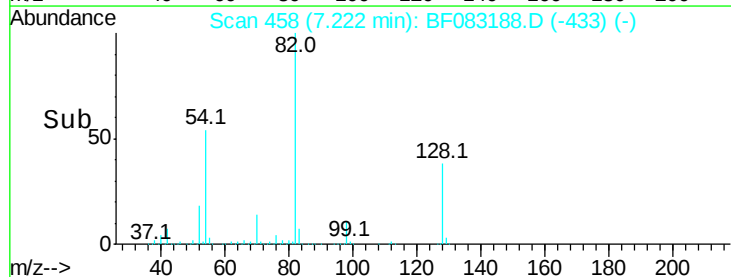
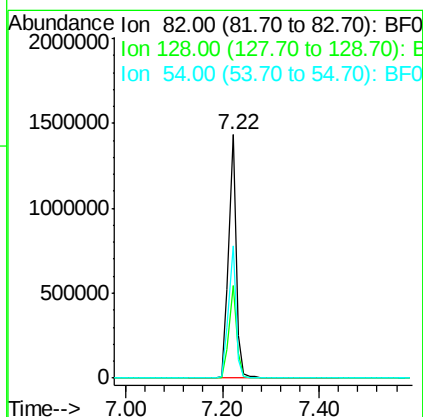
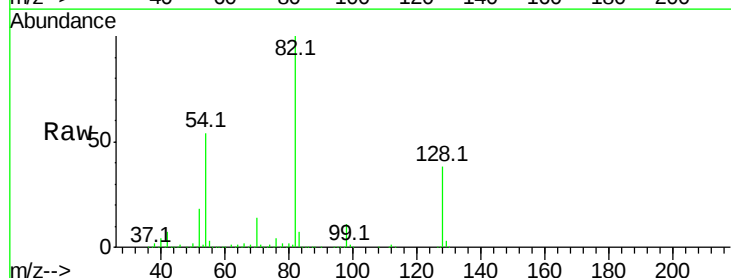
Instrument :
BNA_F
ClientSampleId :
MW-35

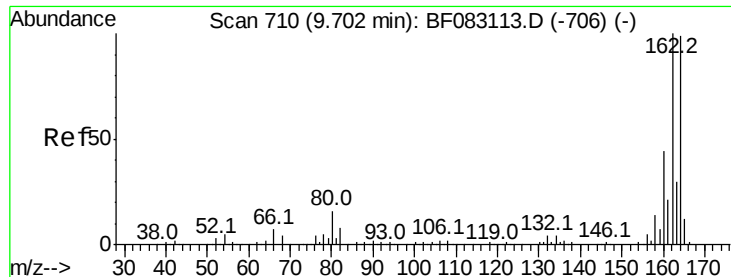
Tot Ion:136	Resp: 705803
Ion Ratio	Lower Upper
136 100	
137 10.8	8.7 13.1
54 7.7	5.8 8.6
68 6.0	3.8 5.8#



#23
Nitrobenzene-d5
Concen: 101.77 ng
RT: 7.22 min Scan# 458
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion: 82	Resp: 1571932
Ion Ratio	Lower Upper
82 100	
128 38.1	28.5 42.7
54 54.3	44.6 67.0

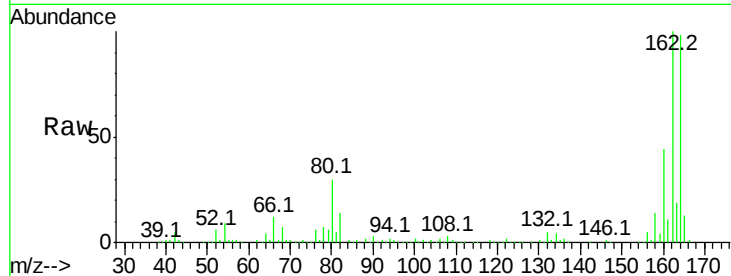




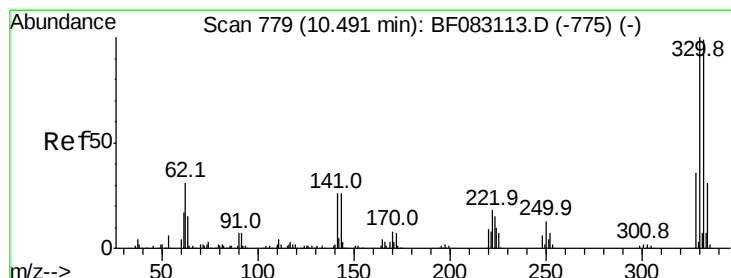
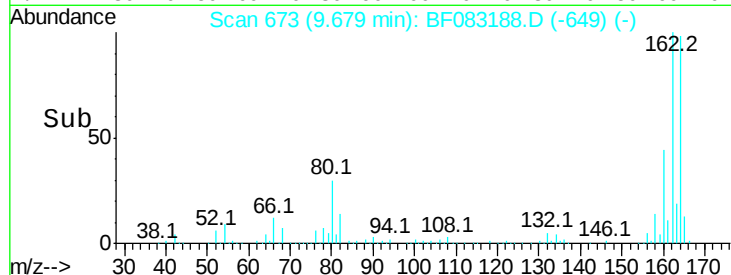
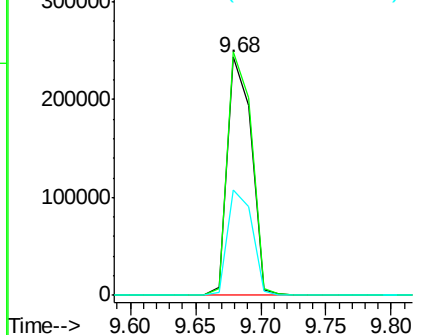
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.02 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:164 Resp: 312252
Ion Ratio Lower Upper
164 100
162 102.2 81.2 121.8
160 44.5 35.6 53.4

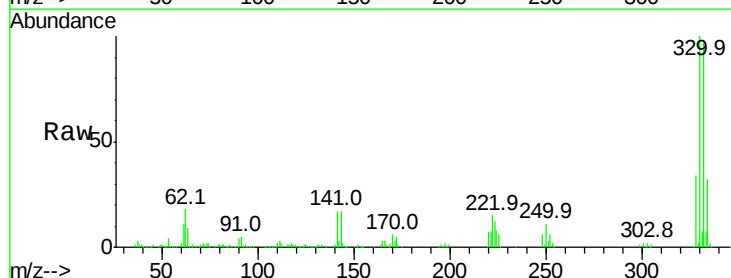


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

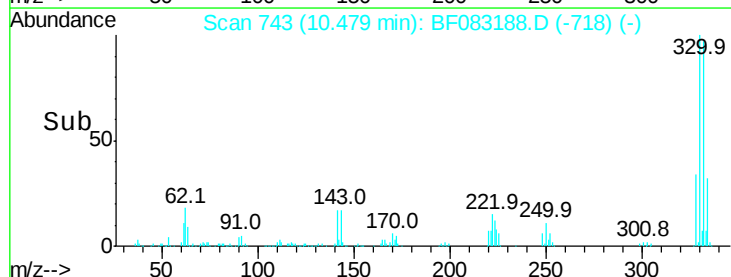
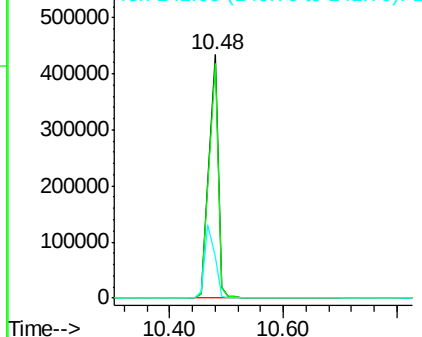


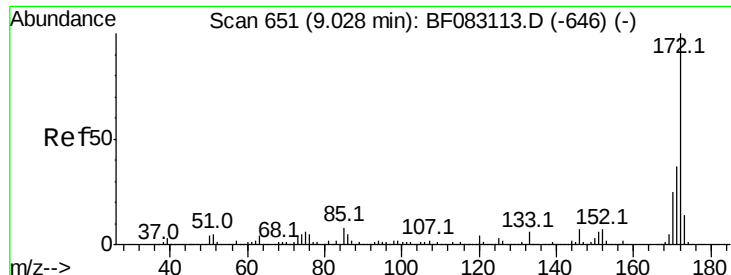
#41
2,4,6-Tribromophenol
Concen: 146.27 ng
RT: 10.48 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:330 Resp: 467272
Ion Ratio Lower Upper
330 100
332 96.8 77.7 116.5
141 33.2 29.7 44.5



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



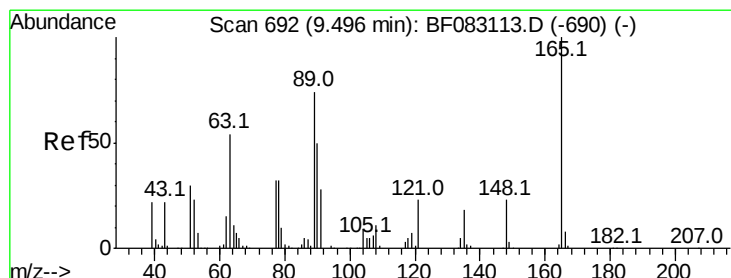
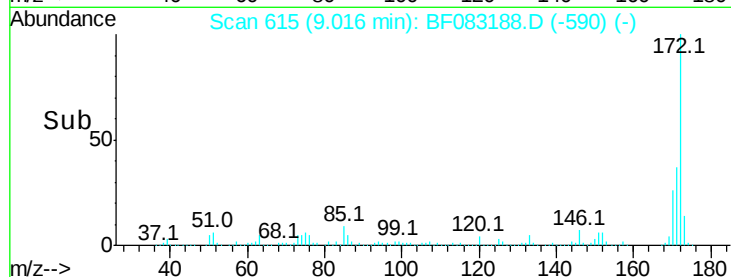
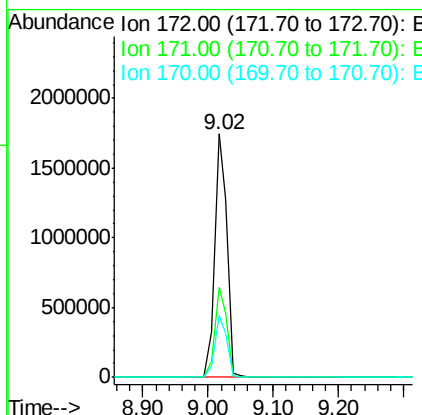
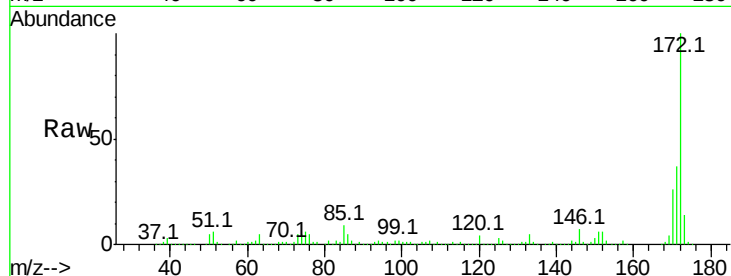


#44
 2-Fluorobiphenyl
 Concen: 105.30 ng
 RT: 9.02 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF083188.D
 Acq: 23 Nov 2015 5:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-35

Tot Ion:172 Resp: 2357988

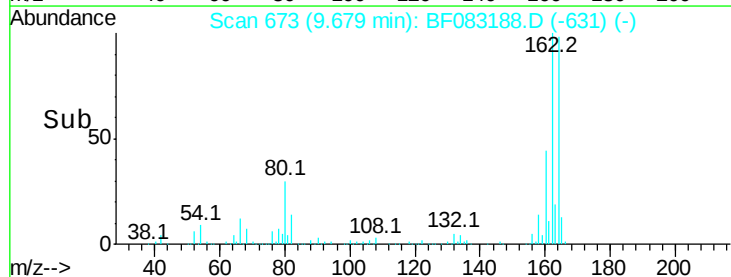
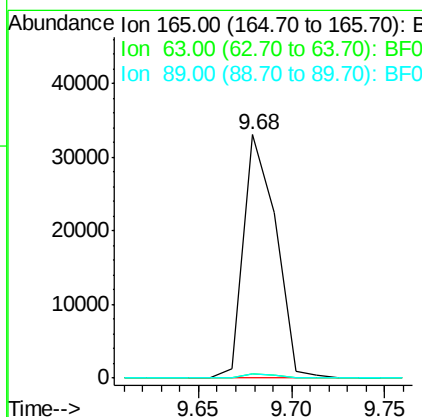
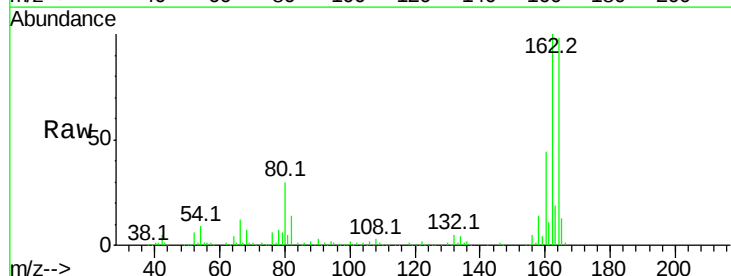
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.5	44.3
170	25.5	19.9	29.9

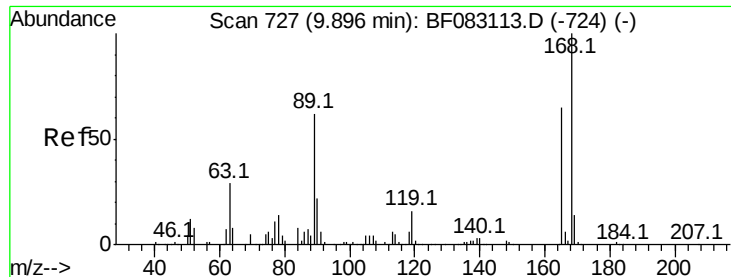


#50
 2,6-Dinitrotoluene
 Concen: 7.36 ng
 RT: 9.68 min Scan# 673
 Delta R.T. 0.18 min
 Lab File: BF083188.D
 Acq: 23 Nov 2015 5:30

Tgt Ion:165 Resp: 39725

Ion	Ratio	Lower	Upper
165	100		
63	1.7	62.5	93.7#
89	1.8	59.1	88.7#

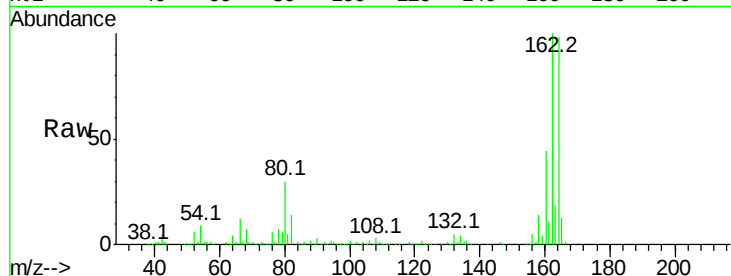




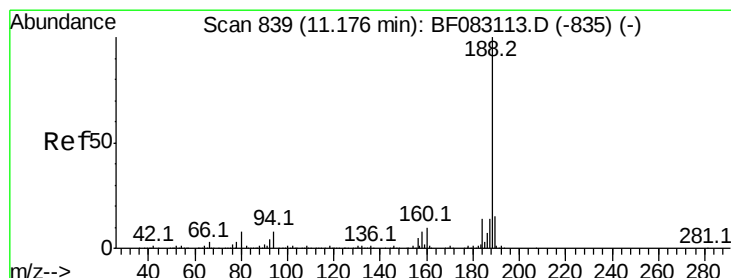
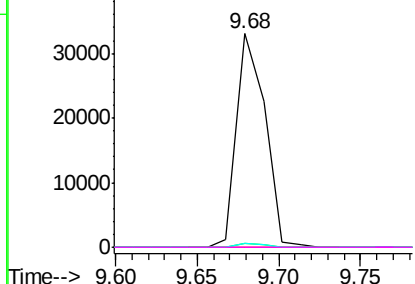
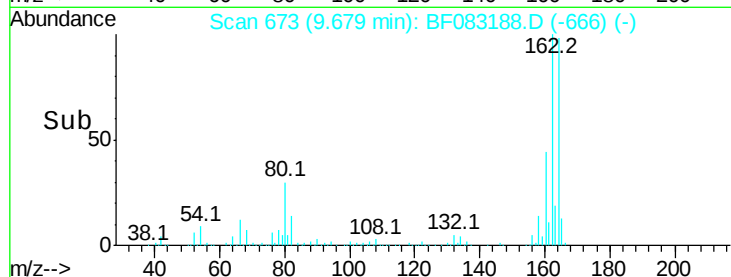
#56
2,4-Dinitrotoluene
Concen: 5.81 ng
RT: 9.68 min Scan# 673
Delta R.T. -0.22 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Instrument :
BNA_F
ClientSampleId :
MW-35

Tot Ion:165 Resp: 39727
Ion Ratio Lower Upper
165 100
63 1.7 54.5 81.7#
89 1.8 77.3 115.9#
182 0.0 1.8 2.6#

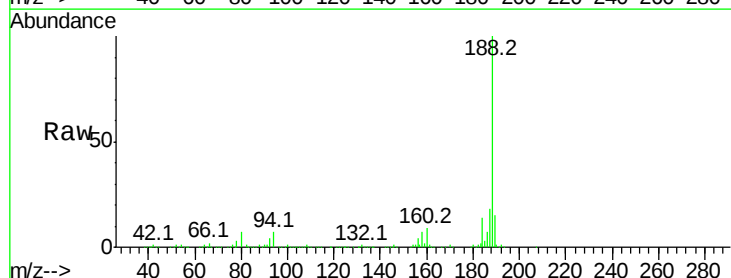


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

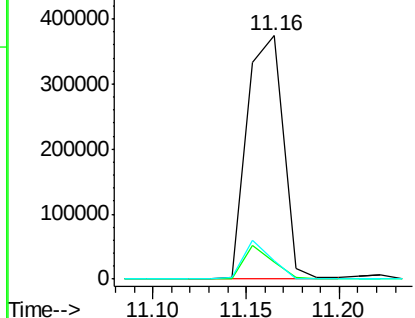
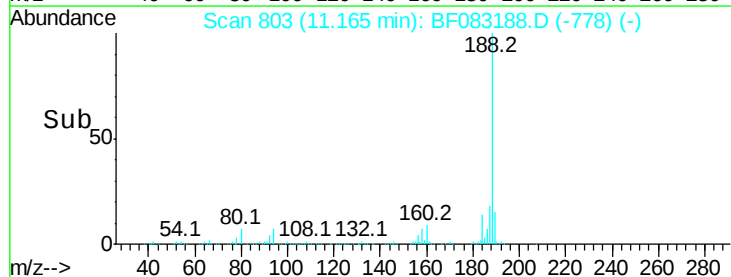


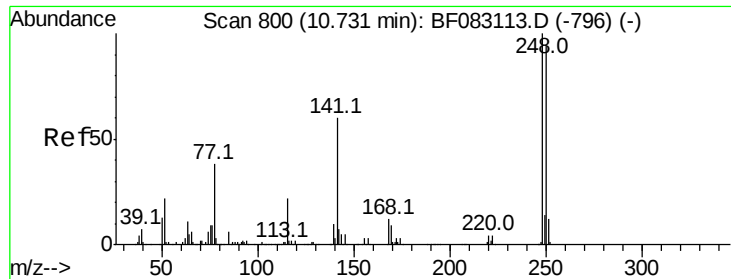
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.16 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF083188.D
Acq: 23 Nov 2015 5:30

Tgt Ion:188 Resp: 501542
Ion Ratio Lower Upper
188 100
94 6.8 6.0 9.0
80 7.3 6.7 10.1



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: 5.80 ng

RT: 10.48 min Scan# 743

Delta R.T. -0.25 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-35

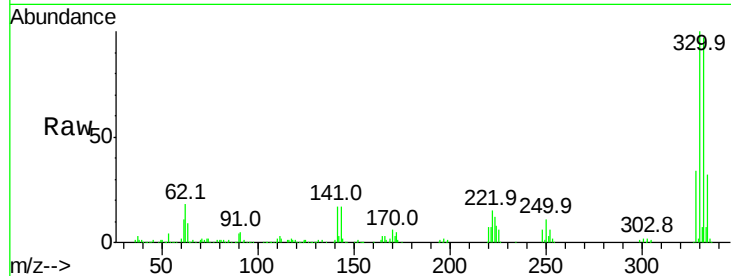
Tot Ion:248 Resp: 32307

Ion Ratio Lower Upper

248 100

250 189.9 75.4 113.2#

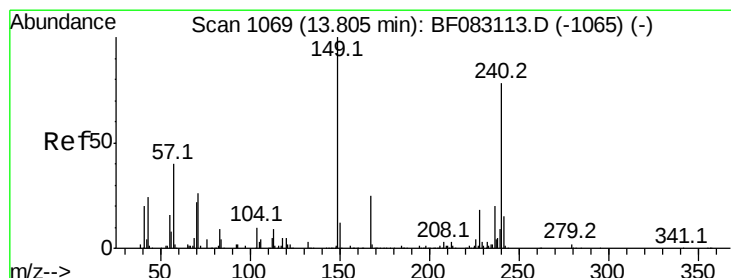
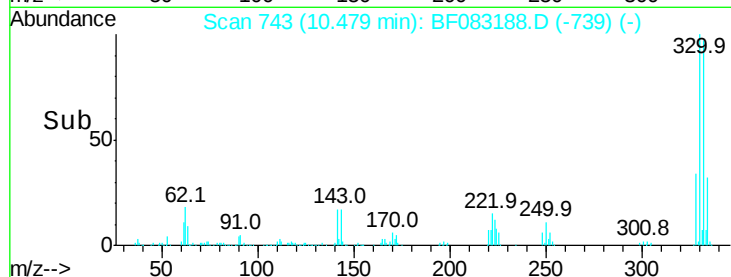
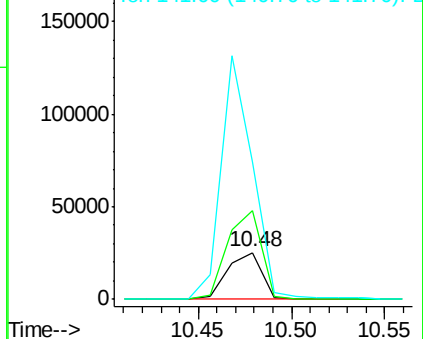
141 295.9 48.1 72.1#



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: 13.78 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

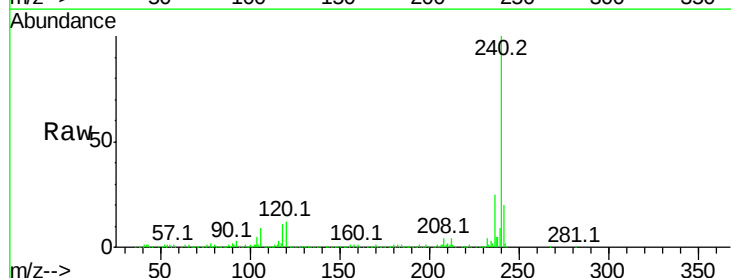
Tgt Ion:240 Resp: 446613

Ion Ratio Lower Upper

240 100

120 12.5 5.4 8.2#

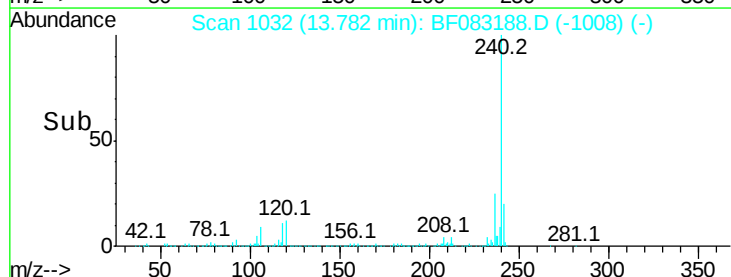
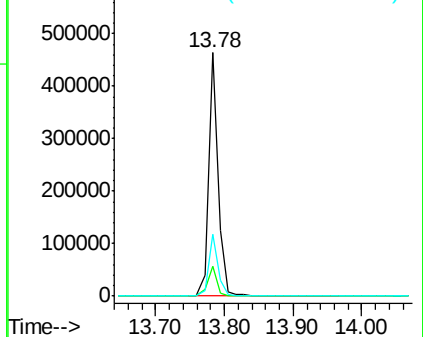
236 25.3 20.6 31.0

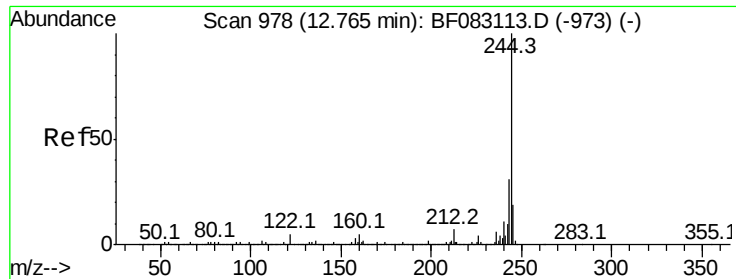


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.31 ng

RT: 12.75 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

Instrument :

BNA_F

ClientSampleId :

MW-35

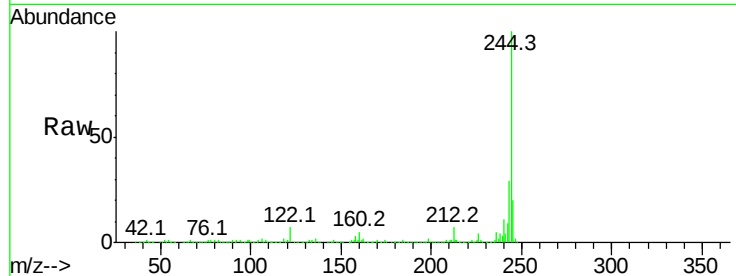
Tot Ion:244 Resp: 1921506

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 6.9 4.3 6.5#



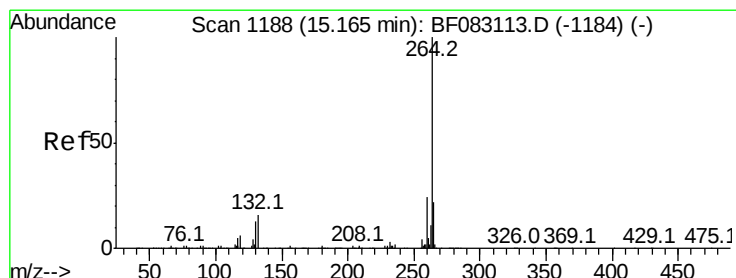
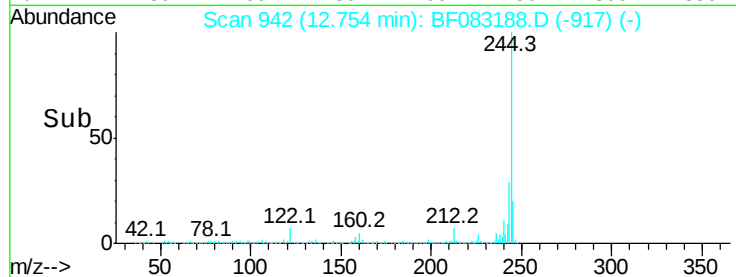
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.75

Time--> 12.60 12.80 13.00



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.15 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF083188.D

Acq: 23 Nov 2015 5:30

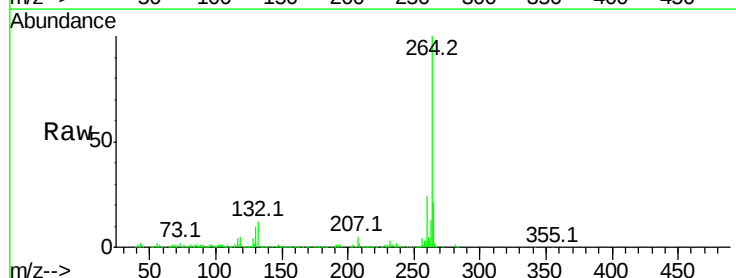
Tgt Ion:264 Resp: 334588

Ion Ratio Lower Upper

264 100

260 23.9 19.1 28.7

265 20.7 18.2 27.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

15.15

Time--> 15.10 15.20 15.30

