

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084063.D
 Acq On : 24 Dec 2015 5:13
 Operator : UM/SJ
 Sample : G4925-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Dec 24 07:21:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

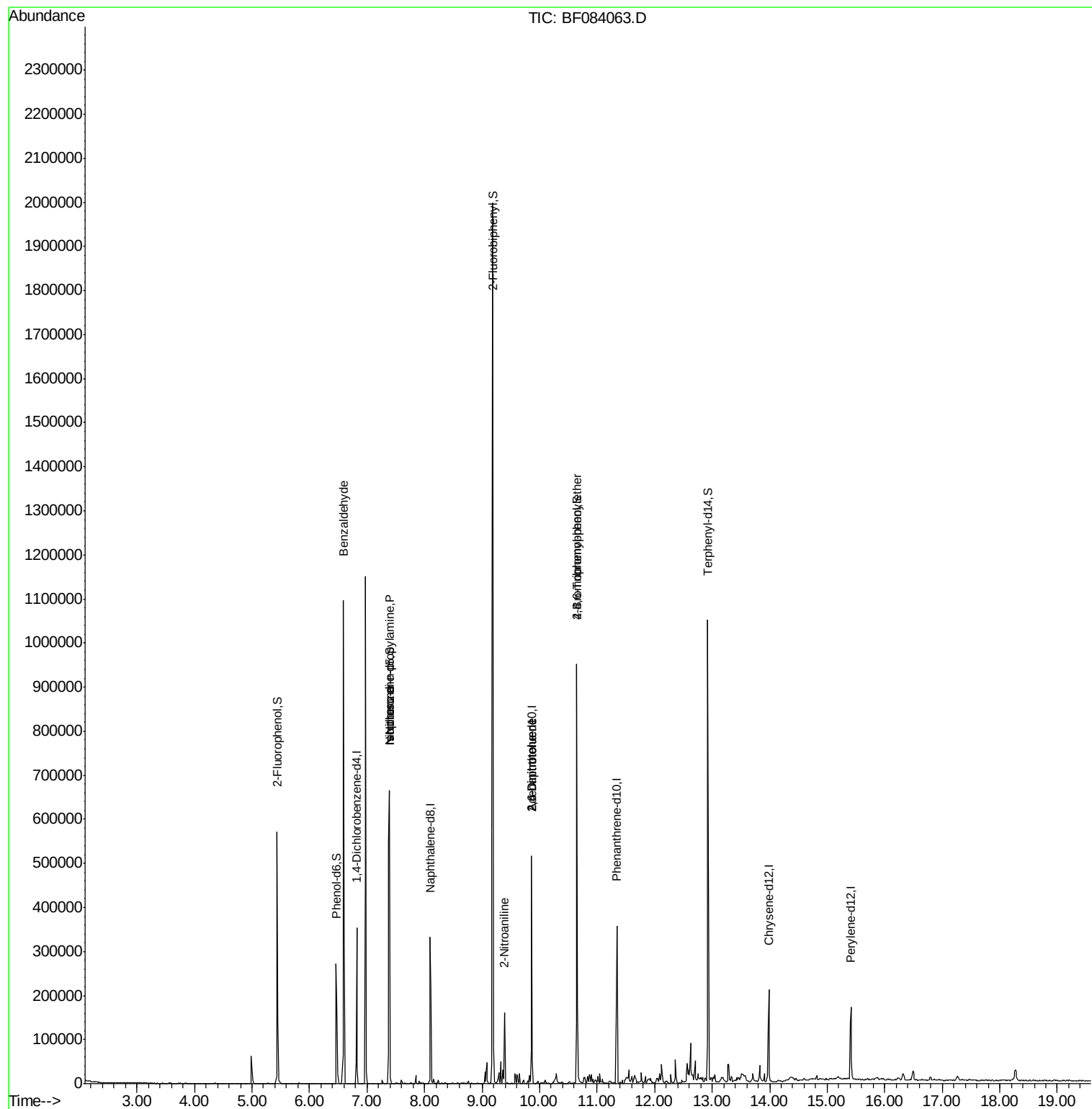
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	52389	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	195997	20.00	ng	-0.01
38) Acenaphthene-d10	9.86	164	94205	20.00	ng	-0.01
63) Phenanthrene-d10	11.34	188	141175	20.00	ng	-0.01
75) Chrysene-d12	13.99	240	91893	20.00	ng	-0.01
86) Perylene-d12	15.41	264	86519	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	161709	52.63	ng	0.00
7) Phenol-d6	6.46	99	120333	33.31	ng	-0.01
23) Nitrobenzene-d5	7.39	82	308569	96.72	ng	0.00
41) 2,4,6-Tribromophenol	10.65	330	106597	117.64	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	620216	88.60	ng	-0.01
78) Terphenyl-d14	12.92	244	363193	94.26	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.59	77	7479	3.10	ng	# 77
19) n-Nitroso-di-n-propylamine	7.39	70	41407	18.91	ng	# 75
25) Isophorone	7.39	82	292548	48.39	ng	# 66
47) 2-Nitroaniline	9.39	65	4190	2.56	ng	# 16
50) 2,6-Dinitrotoluene	9.86	165	11797	7.58	ng	# 35
56) 2,4-Dinitrotoluene	9.86	165	11798	6.03	ng	# 20
66) 4-Bromophenyl-phenylether	10.65	248	7548	4.66	ng	# 1

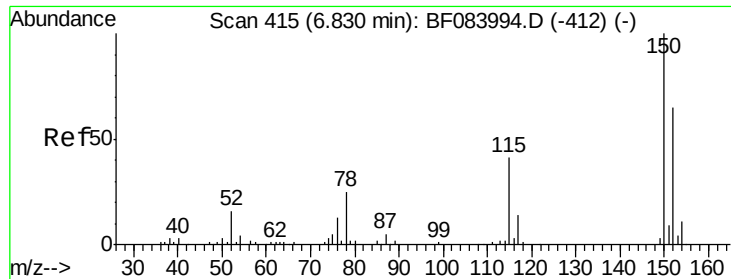
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 414

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-22

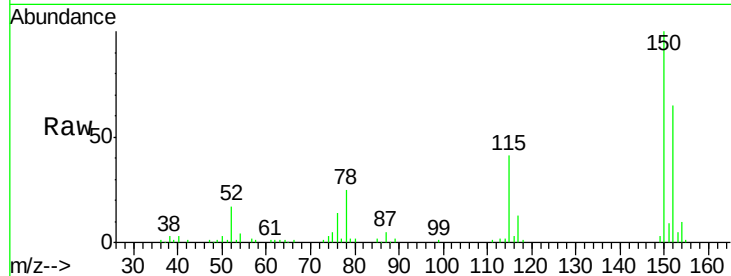
Tgt Ion:152 Resp: 52389

Ion Ratio Lower Upper

152 100

150 154.6 123.0 184.4

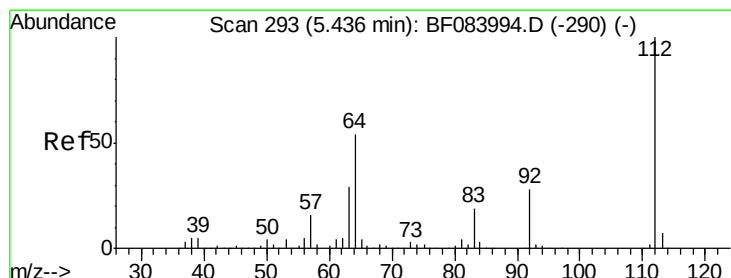
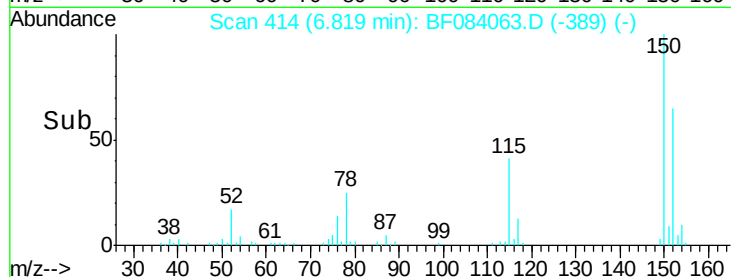
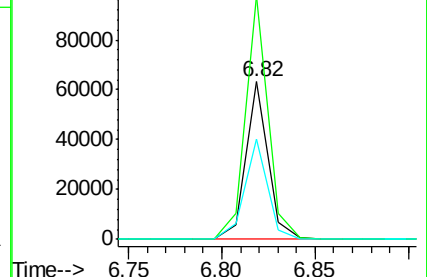
115 64.0 51.4 77.2



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: 52.63 ng

RT: 5.44 min Scan# 293

Delta R.T. 0.00 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

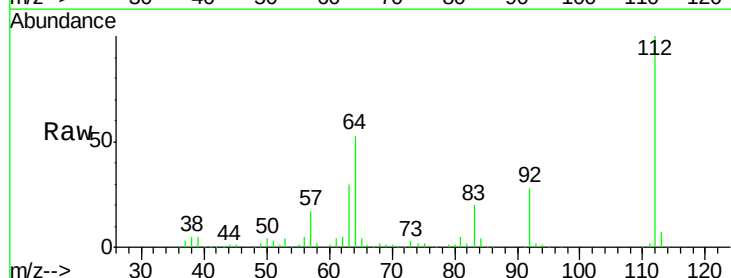
Tgt Ion:112 Resp: 161709

Ion Ratio Lower Upper

112 100

64 53.4 36.6 55.0

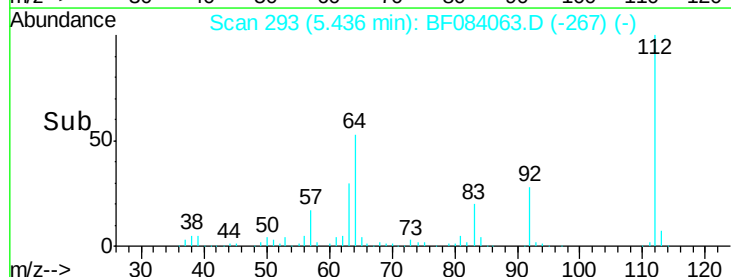
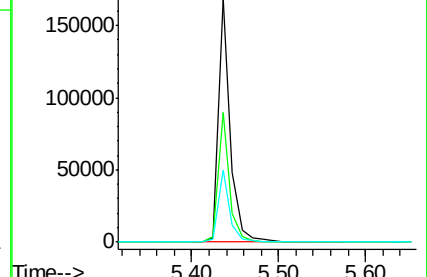
63 29.5 19.4 29.0#

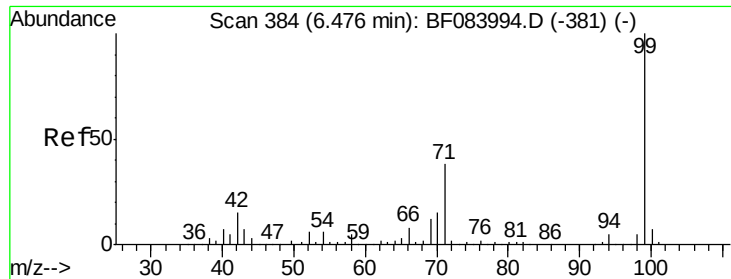


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 33.31 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-22

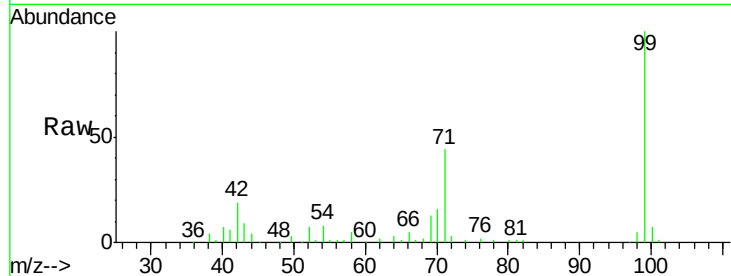
Tgt Ion: 99 Resp: 120333

Ion Ratio Lower Upper

99 100

42 18.7 12.8 19.2

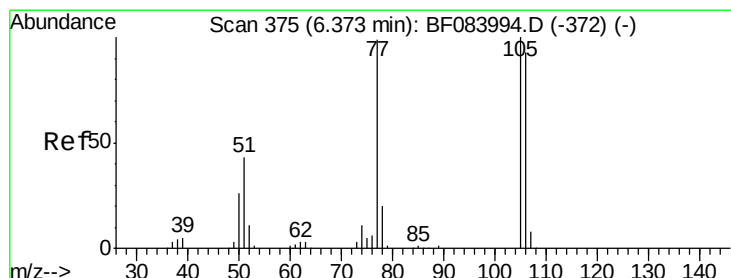
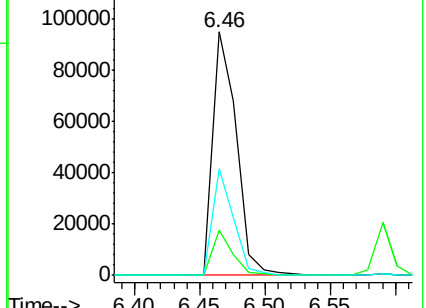
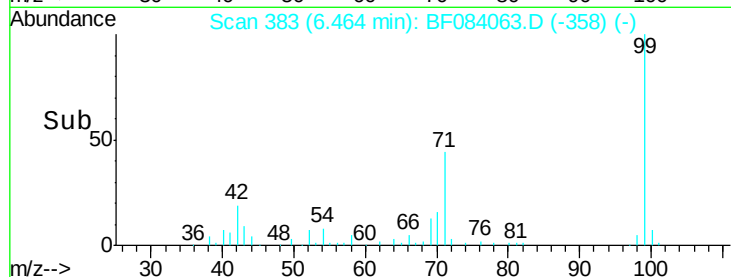
71 43.6 30.9 46.3



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: 3.10 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.22 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

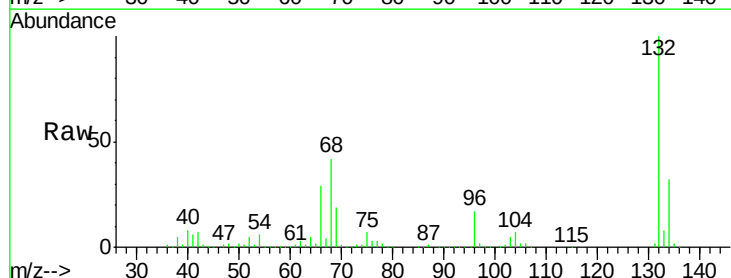
Tgt Ion: 77 Resp: 7479

Ion Ratio Lower Upper

77 100

105 76.9 83.0 123.0#

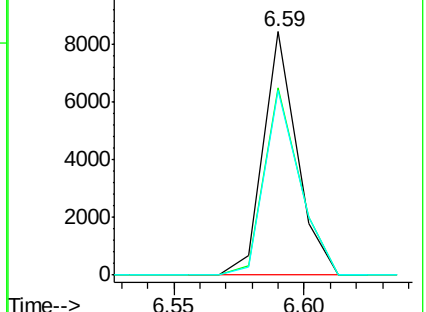
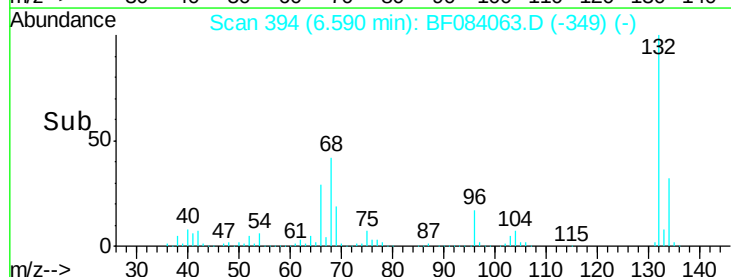
106 76.0 74.6 114.6

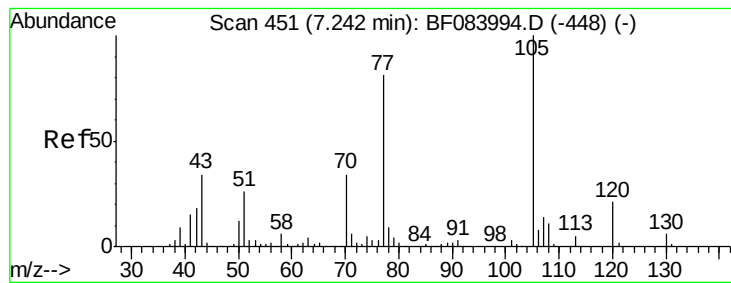


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 18.91 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.15 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-22

Tgt Ion: 70 Resp: 41407

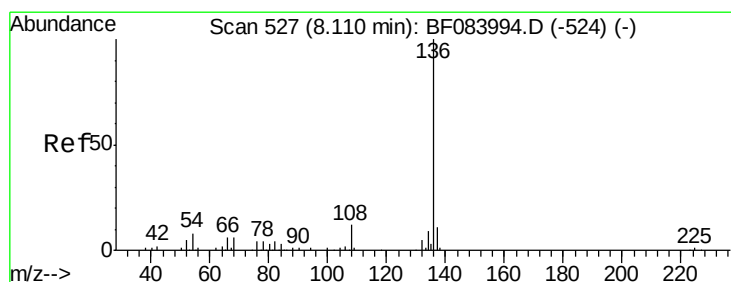
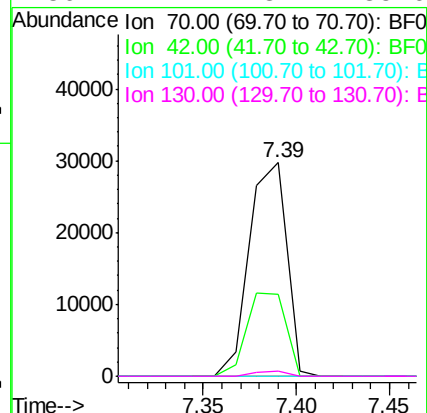
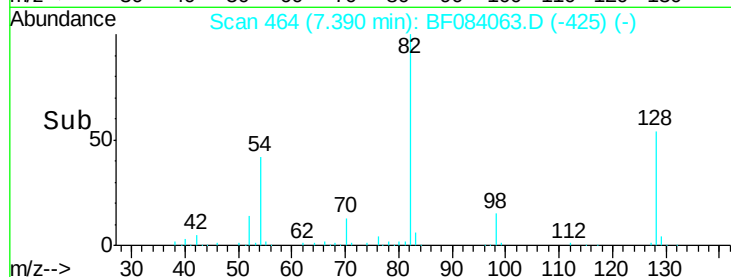
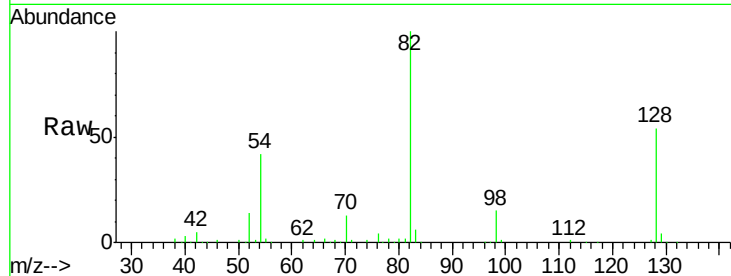
Ion Ratio Lower Upper

70 100

42 38.4 33.3 49.9

101 0.0 9.3 13.9#

130 2.2 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Tgt Ion: 136 Resp: 195997

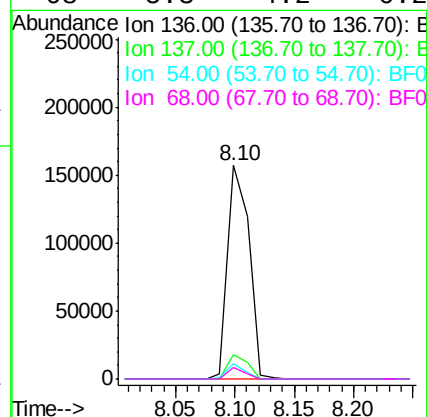
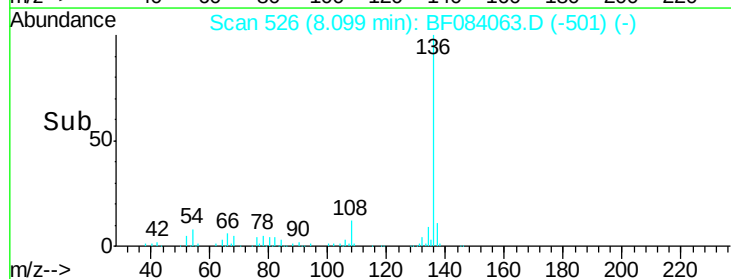
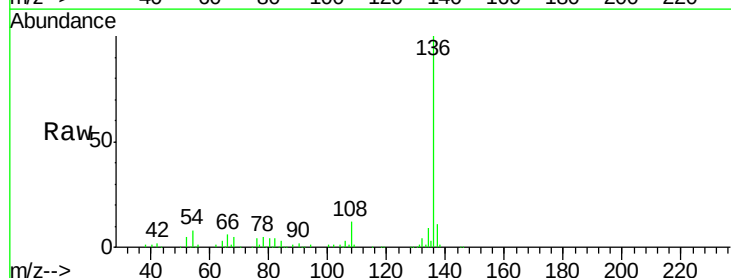
Ion Ratio Lower Upper

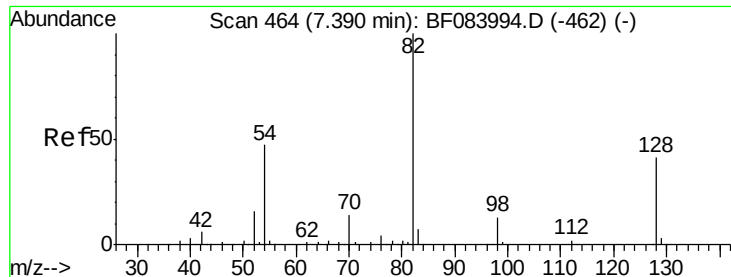
136 100

137 11.1 8.7 13.1

54 7.5 5.8 8.8

68 5.3 4.2 6.2





#23

Nitrobenzene-d5

Concen: 96.72 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

Instrument :

BNA_F

ClientSampleId :

MW-22

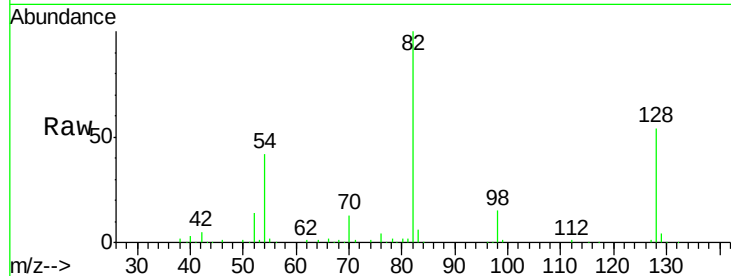
Tgt Ion: 82 Resp: 308569

Ion Ratio Lower Upper

82 100

128 54.4 34.6 51.8#

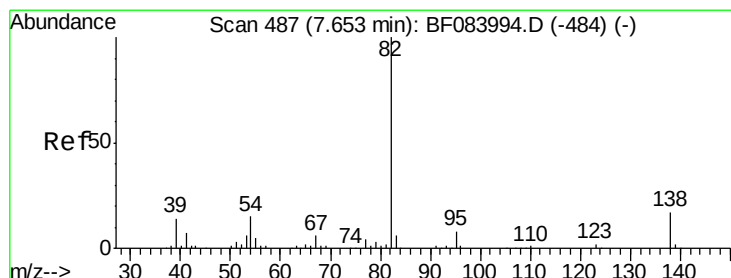
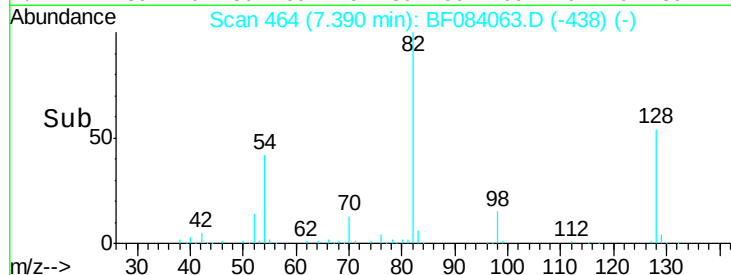
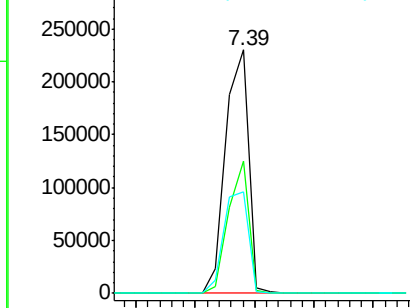
54 41.5 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 48.39 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.26 min

Lab File: BF084063.D

Acq: 24 Dec 2015 5:13

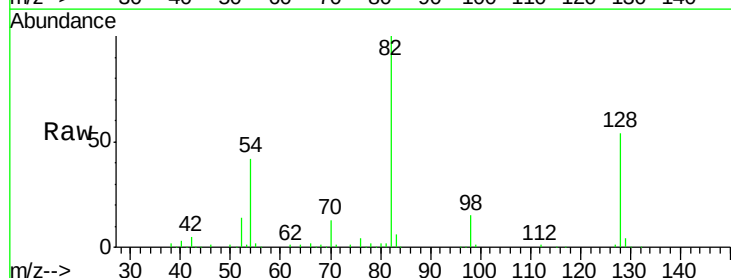
Tgt Ion: 82 Resp: 292548

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

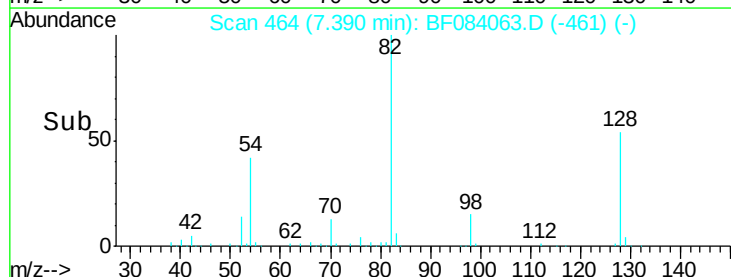
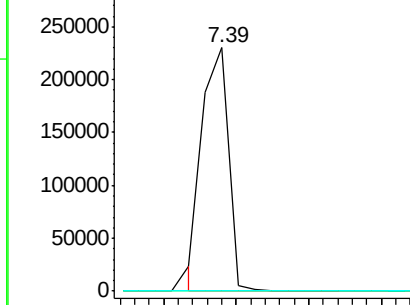
138 0.0 13.6 20.4#

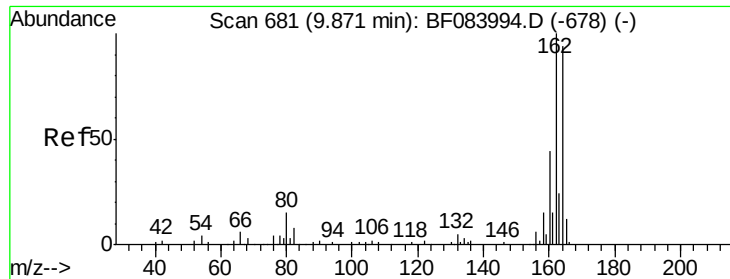


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

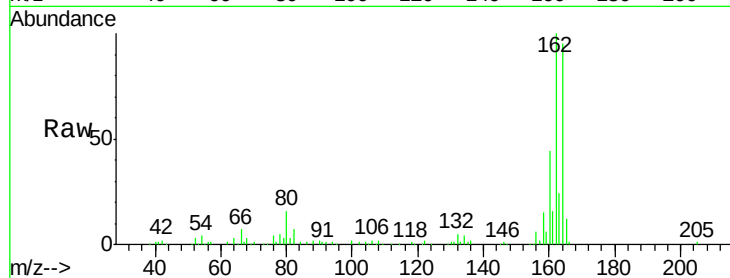




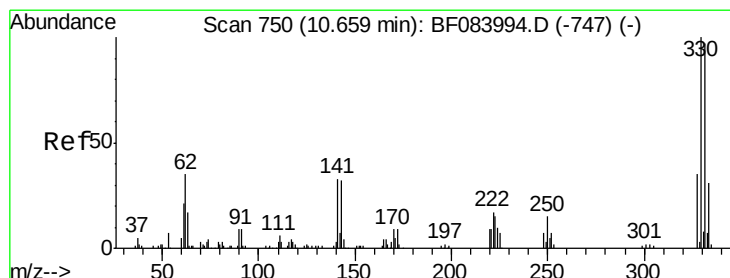
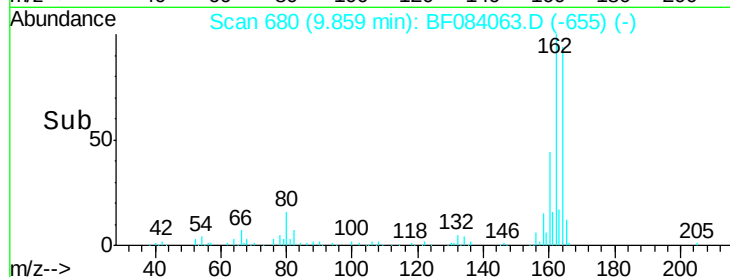
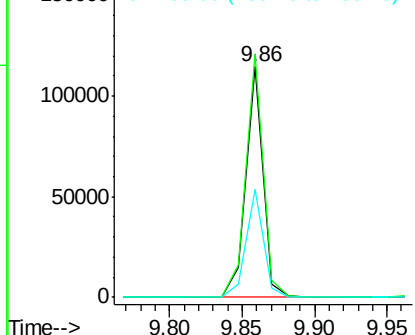
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:164 Resp: 94205
 Ion Ratio Lower Upper
 164 100
 162 105.7 85.1 127.7
 160 46.8 37.5 56.3

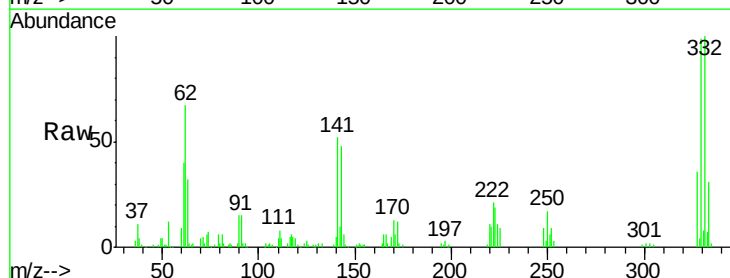


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

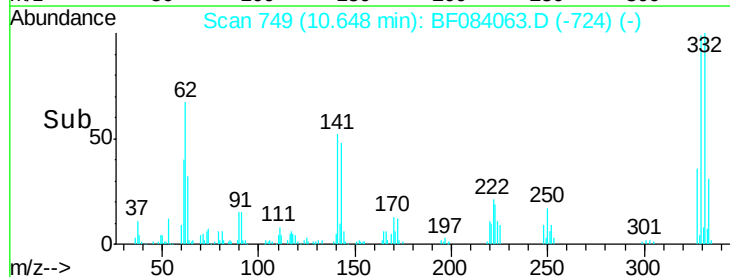
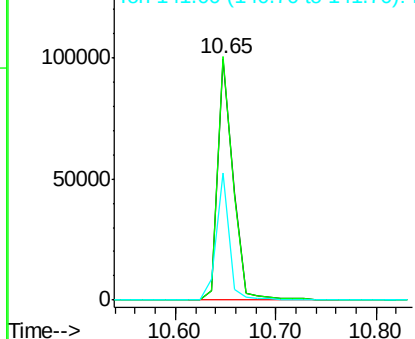


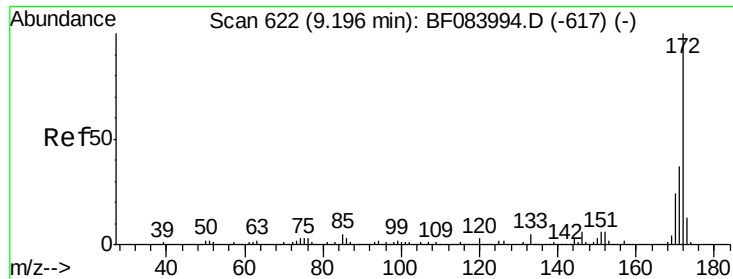
#41
 2,4,6-Tribromophenol
 Concen: 117.64 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Tgt Ion:330 Resp: 106597
 Ion Ratio Lower Upper
 330 100
 332 99.5 76.6 114.8
 141 43.7 27.8 41.6#



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

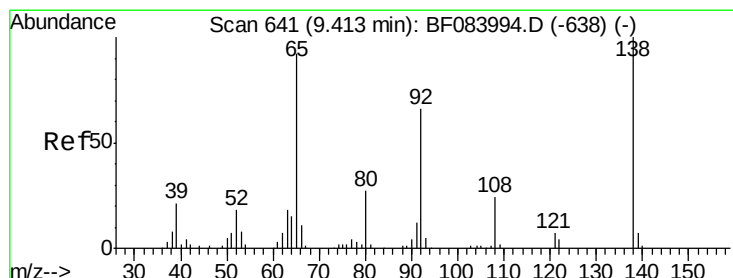
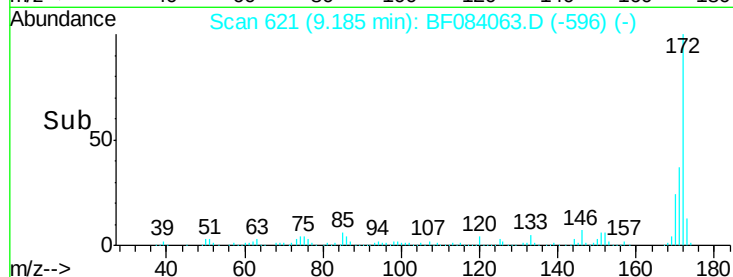
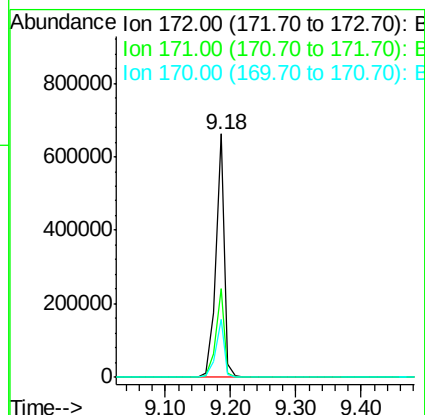
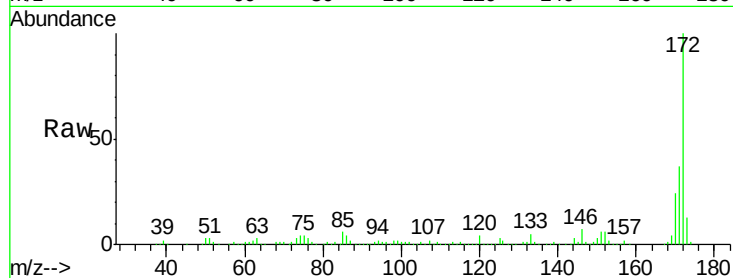




#44
 2-Fluorobiphenyl
 Concen: 88.60 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

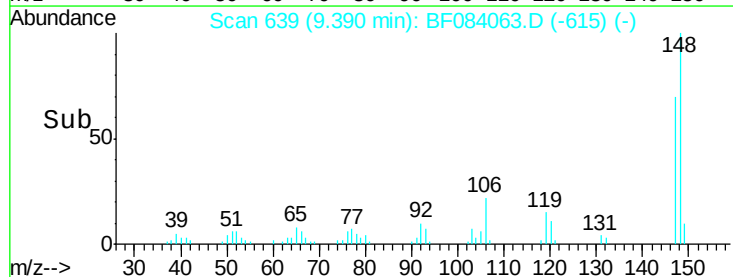
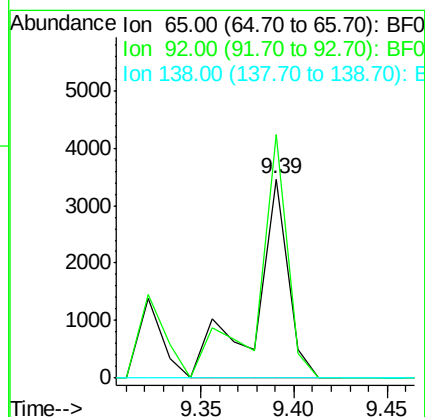
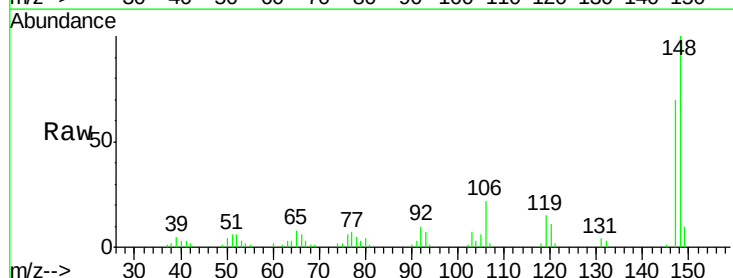
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

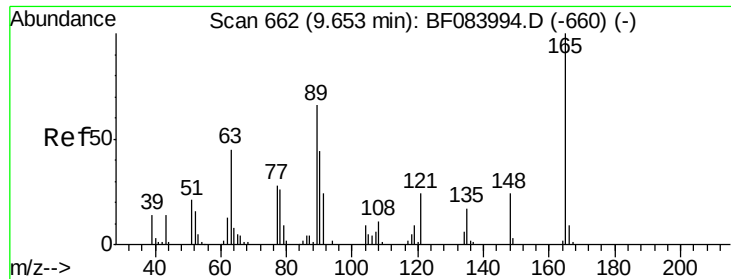
Tgt Ion: 172 Resp: 620216
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 23.9 18.6 27.8



#47
 2-Nitroaniline
 Concen: 2.56 ng
 RT: 9.39 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Tgt Ion: 65 Resp: 4190
 Ion Ratio Lower Upper
 65 100
 92 122.2 53.4 80.2#
 138 0.0 71.1 106.7#

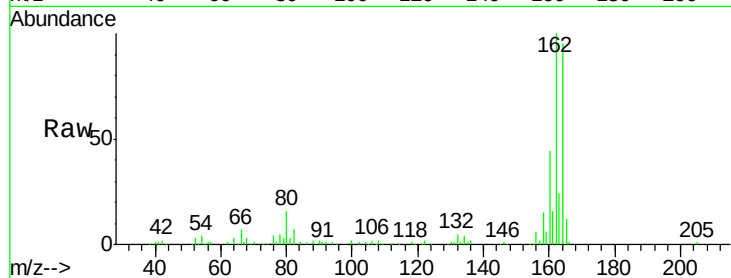




#50
 2,6-Dinitrotoluene
 Concen: 7.58 ng
 RT: 9.86 min Scan# 680
 Delta R.T. 0.21 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

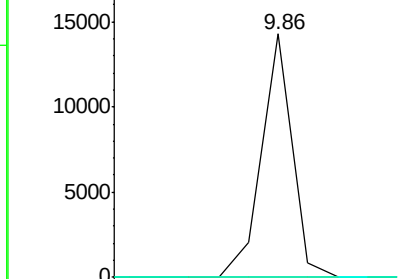
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



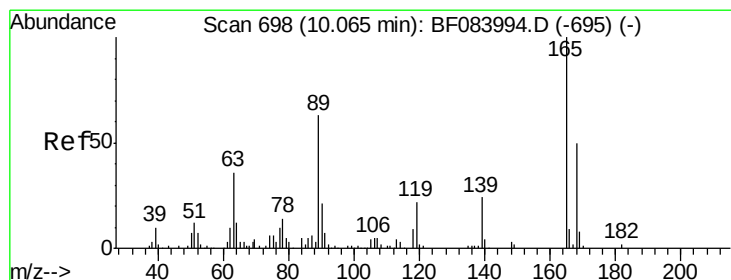
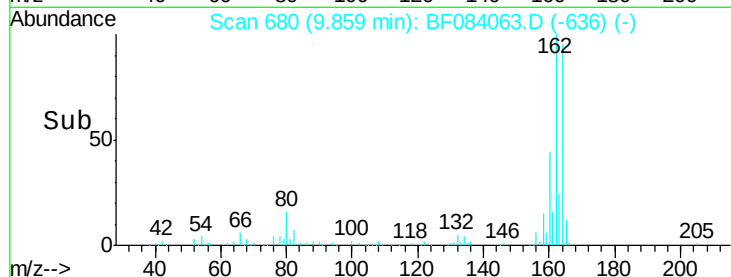
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



Time-->



#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.21 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

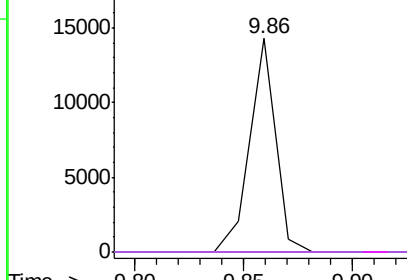
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

Abundance Ion 165.00 (164.70 to 165.70): E

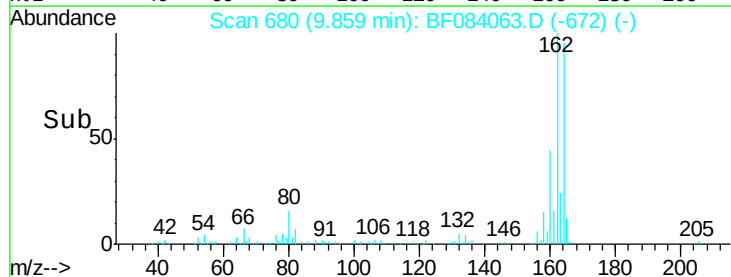
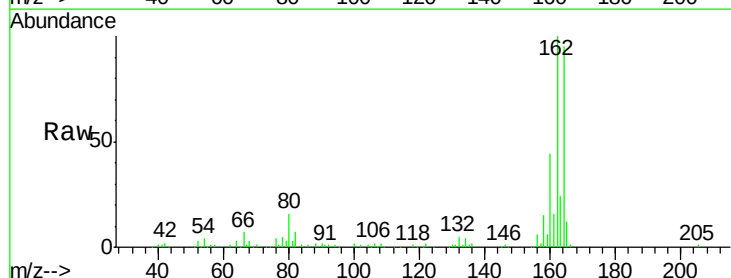
Ion 63.00 (62.70 to 63.70): BF0

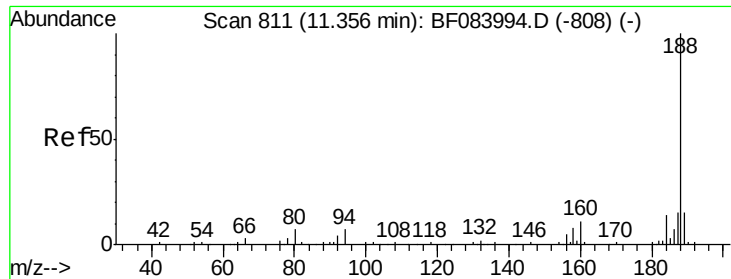
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->

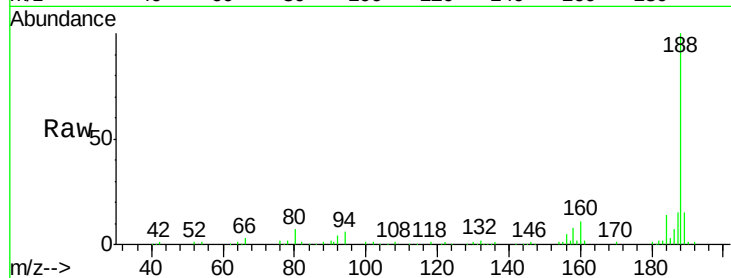




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
MW-22

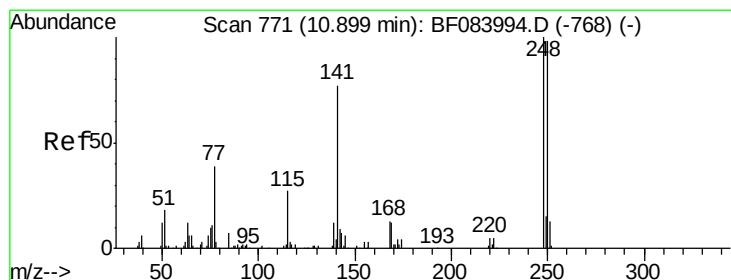
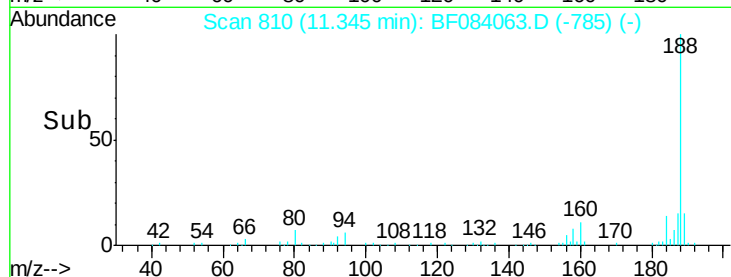
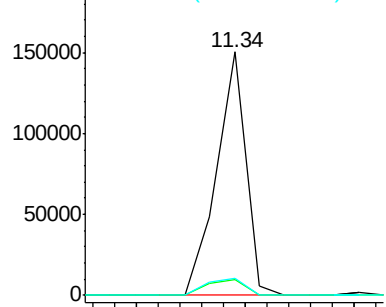
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	141175		
94	6.3		9.0	13.4#
80	6.9		9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

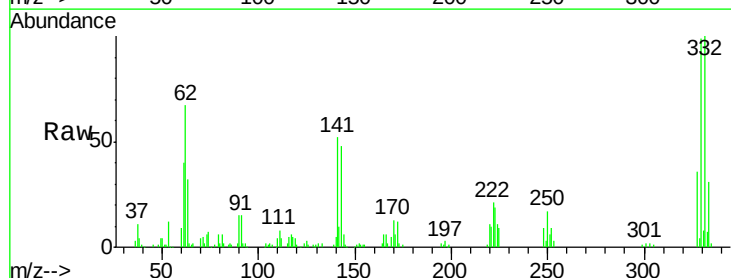
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
4-Bromophenyl-phenylether
Concen: 4.66 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.25 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

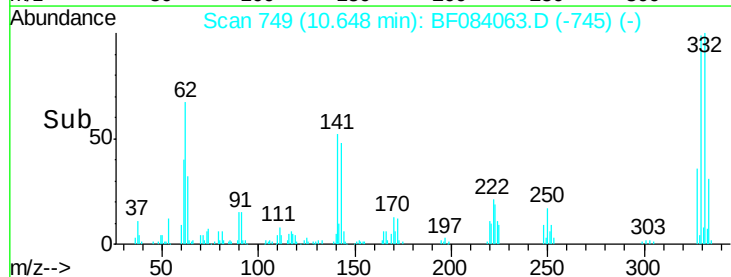
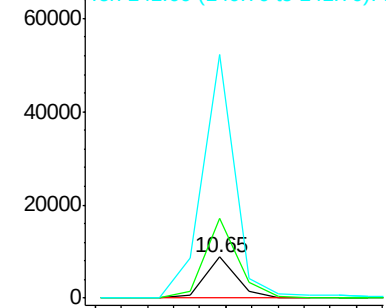
Tgt Ion	Ratio	Resp	Lower	Upper
248	100	7548		
250	195.0		78.4	117.6#
141	593.6		44.0	66.0#

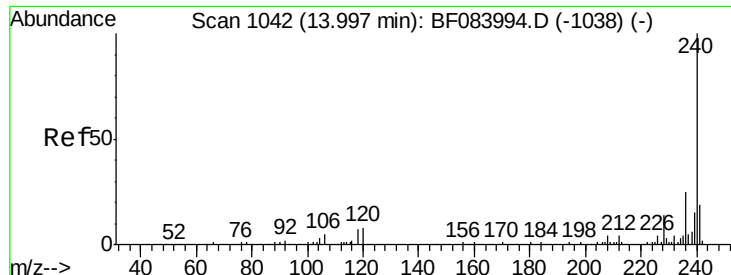


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

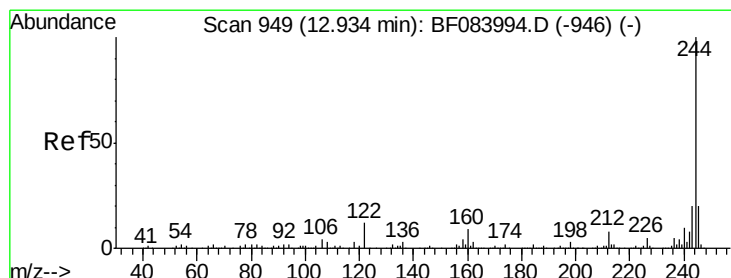
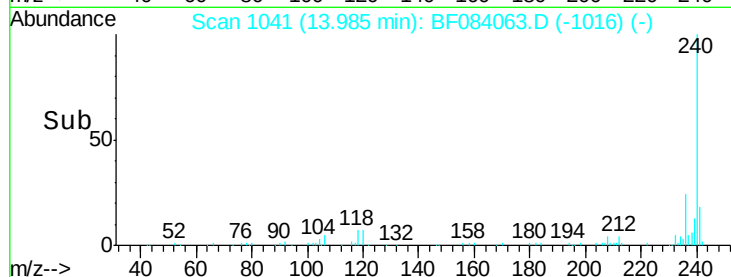
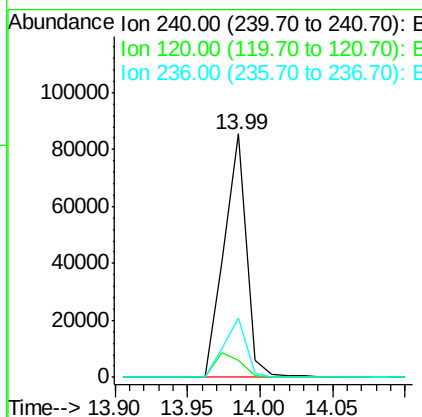
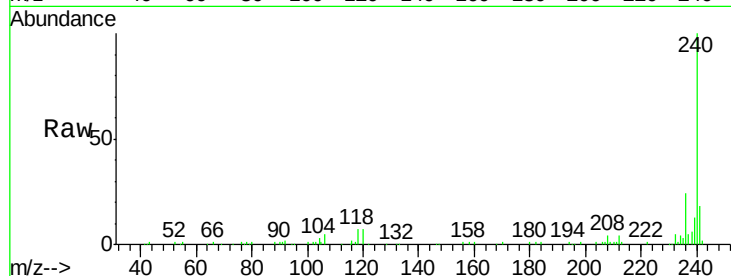




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

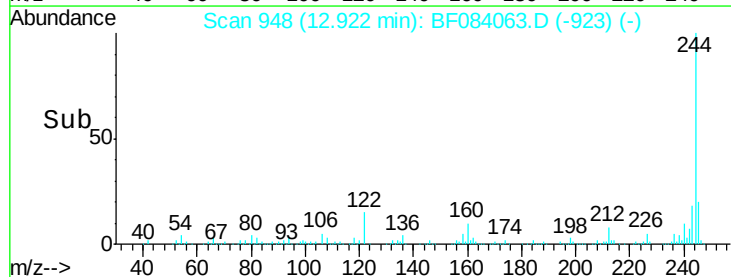
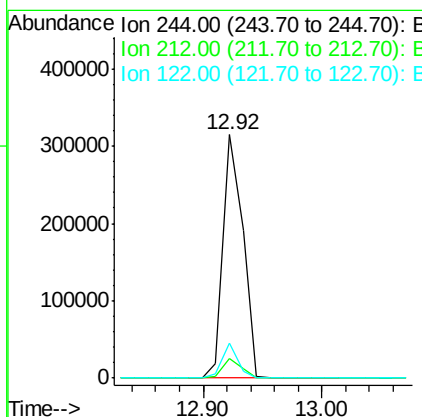
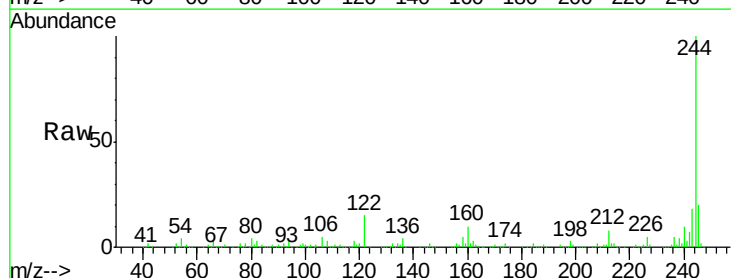
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

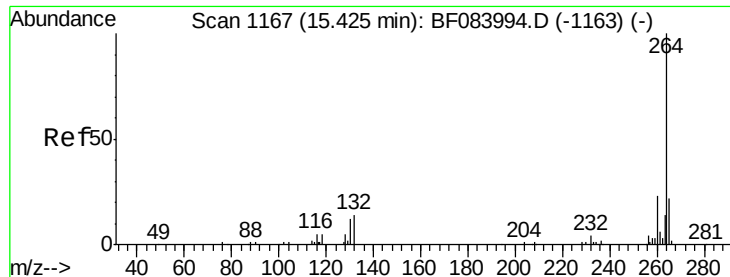
Tgt Ion: 240 Resp: 91893
 Ion Ratio Lower Upper
 240 100
 120 7.2 9.5 14.3#
 236 24.3 20.6 31.0



#78
 Terphenyl-d14
 Concen: 94.26 ng
 RT: 12.92 min Scan# 948
 Delta R.T. -0.01 min
 Lab File: BF084063.D
 Acq: 24 Dec 2015 5:13

Tgt Ion: 244 Resp: 363193
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.7 8.5
 122 14.6 7.4 11.0#

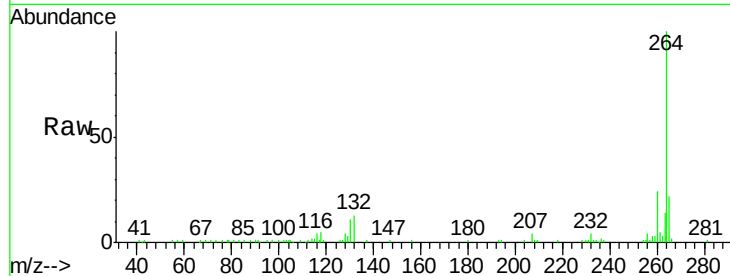




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084063.D
Acq: 24 Dec 2015 5:13

Instrument :
BNA_F
ClientSampleId :
MW-22

Tgt Ion: 264 Resp: 86519
Ion Ratio Lower Upper
264 100
260 24.3 19.4 29.2
265 21.5 17.8 26.6



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

