

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084100.D
 Acq On : 25 Dec 2015 1:14
 Operator : UM/SJ
 Sample : G4934-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Quant Time: Dec 25 05:50:18 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

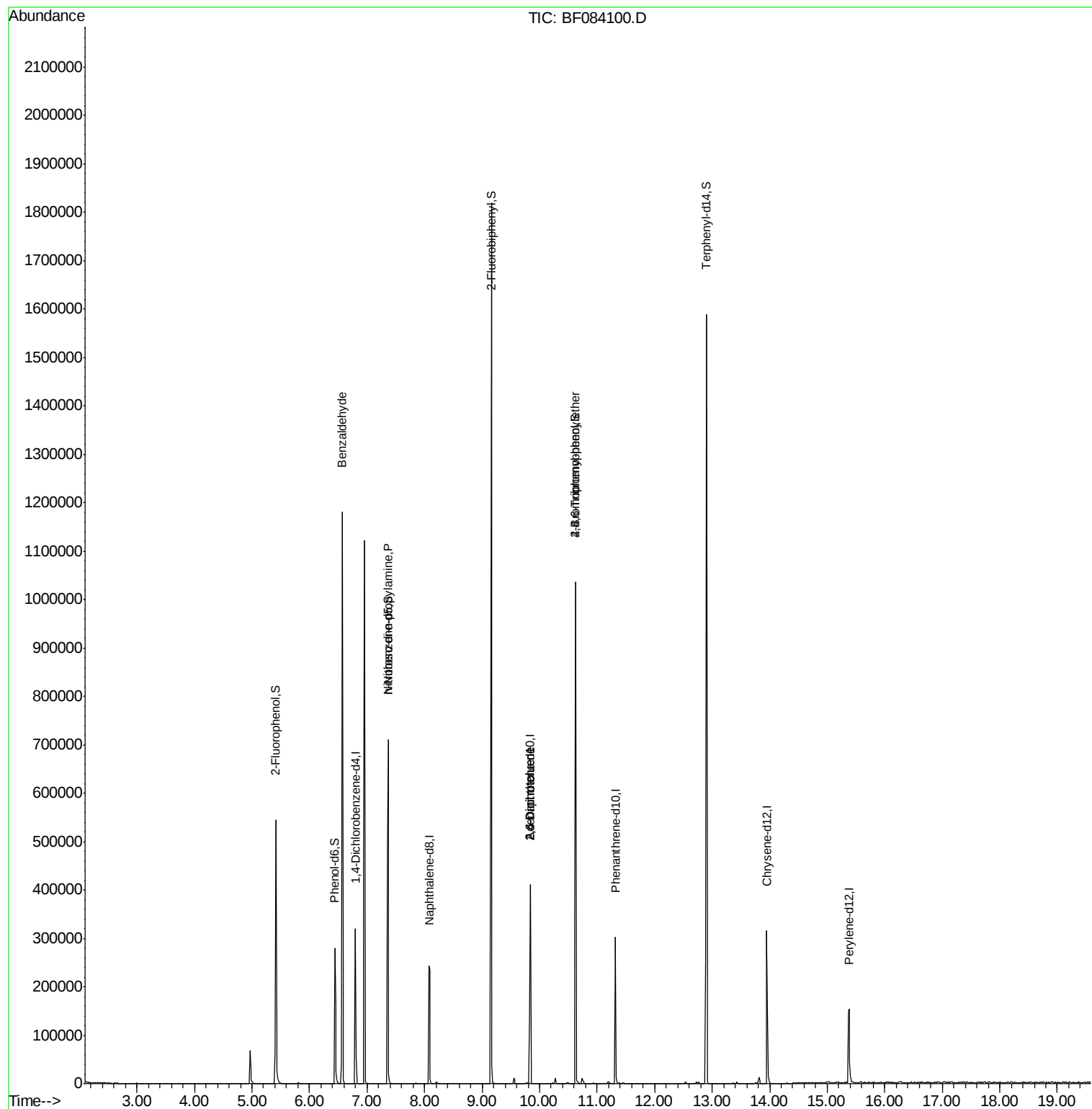
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47189	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	174459	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	85609	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	154715	20.00	ng	0.00
75) Chrysene-d12	13.95	240	125468	20.00	ng	-0.01
86) Perylene-d12	15.38	264	96942	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	163543	58.76	ng	0.00
7) Phenol-d6	6.44	99	124399	36.12	ng	-0.01
23) Nitrobenzene-d5	7.37	82	299634	100.53	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122423	134.10	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	606755	96.98	ng	0.00
78) Terphenyl-d14	12.90	244	478371	68.99	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	6858	3.72	ng	# 83
19) n-Nitroso-di-n-propylamine	7.37	70	40066	18.89	ng	# 75
50) 2,6-Dinitrotoluene	9.84	165	10586	7.03	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	10586	5.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	8769	4.89	ng	# 1
74) Fluoranthene	12.53	202	3317	Below Cal		84

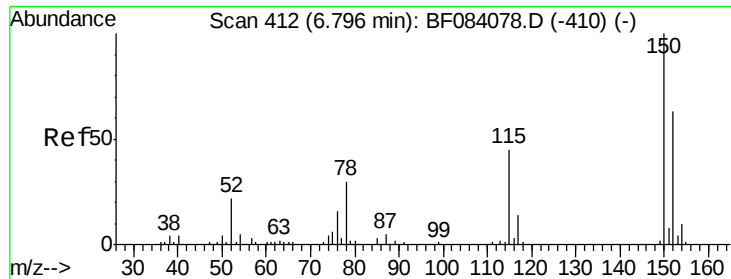
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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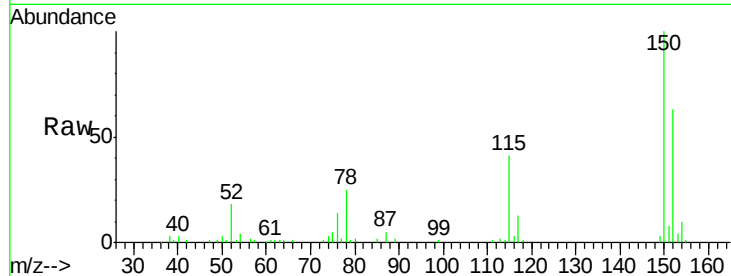




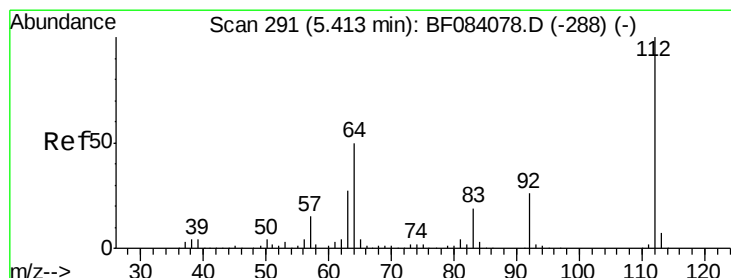
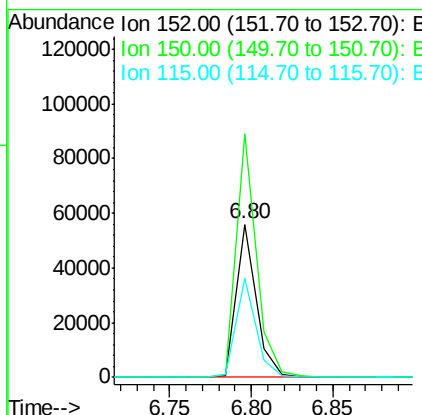
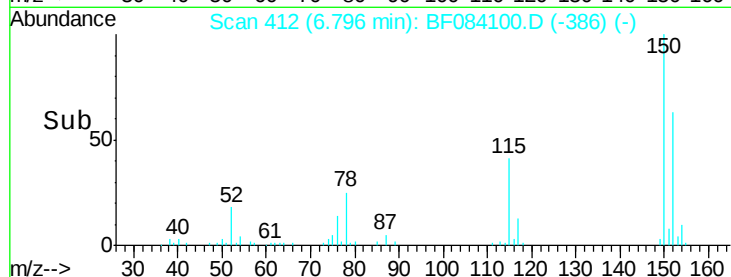
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 412
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Tgt Ion:152 Resp: 47189
 Ion Ratio Lower Upper
 152 100
 150 158.9 123.0 184.4
 115 64.7 51.4 77.2

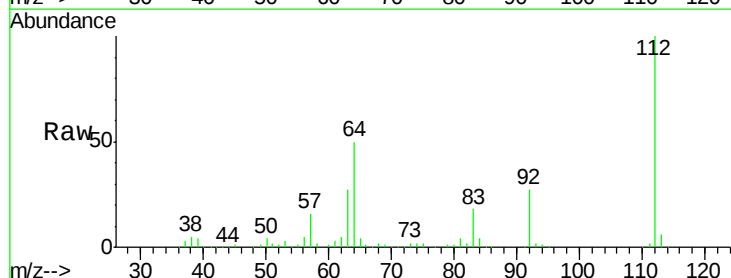


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

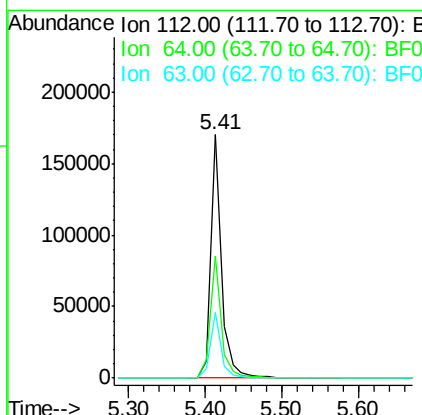
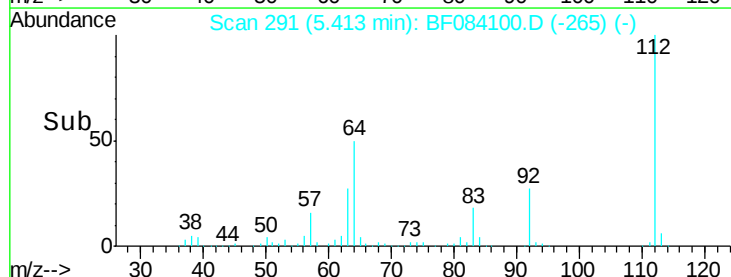


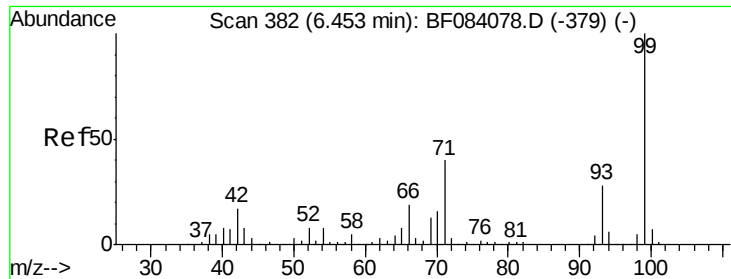
#5
 2-Fluorophenol
 Concen: 58.76 ng
 RT: 5.41 min Scan# 291
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion:112 Resp: 163543
 Ion Ratio Lower Upper
 112 100
 64 50.1 36.6 55.0
 63 26.8 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: 36.12 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

Instrument :

BNA_F

ClientSampleId :

MW-1-122115

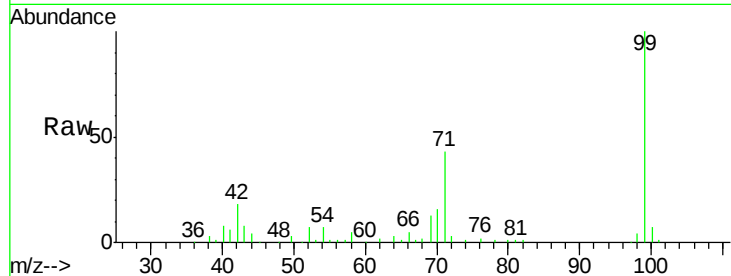
Tgt Ion: 99 Resp: 124399

Ion Ratio Lower Upper

99 100

42 18.4 12.8 19.2

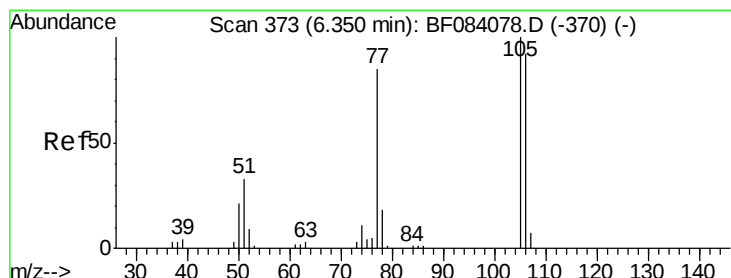
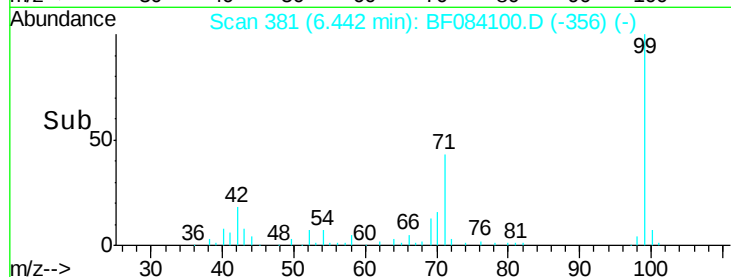
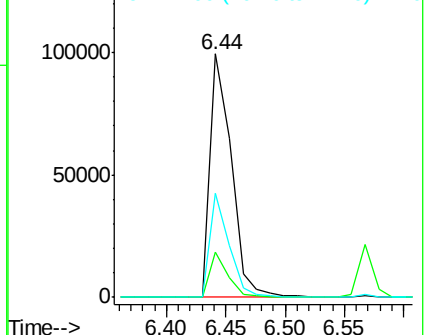
71 42.8 30.9 46.3



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: 3.72 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084100.D

Acq: 25 Dec 2015 1:14

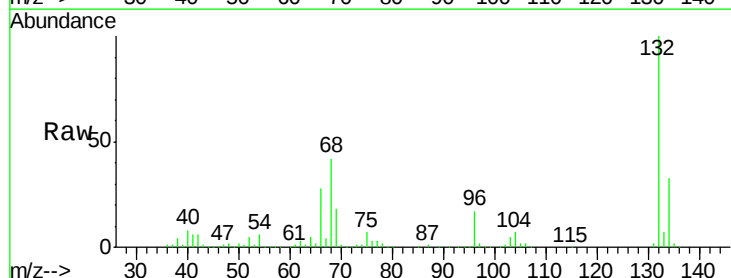
Tgt Ion: 77 Resp: 6858

Ion Ratio Lower Upper

77 100

105 80.6 83.0 123.0#

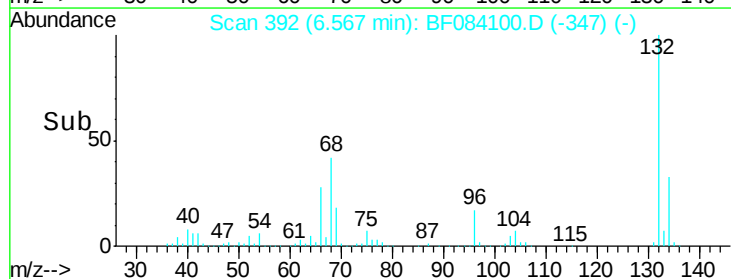
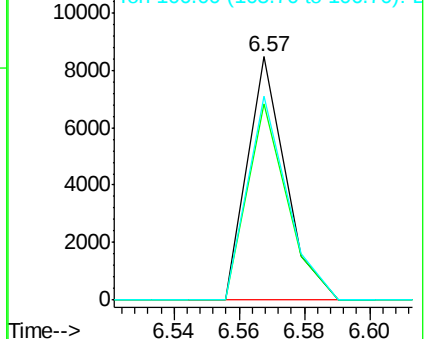
106 83.8 74.6 114.6

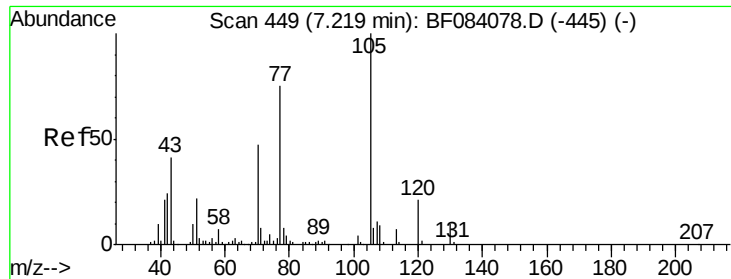


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

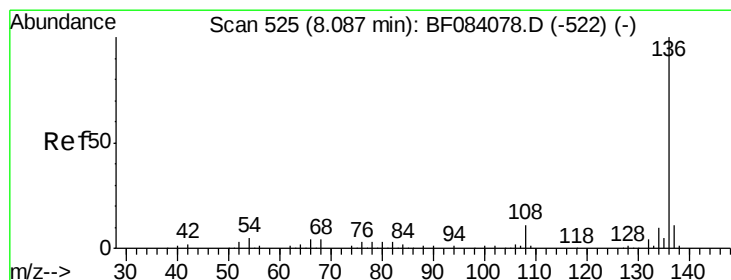
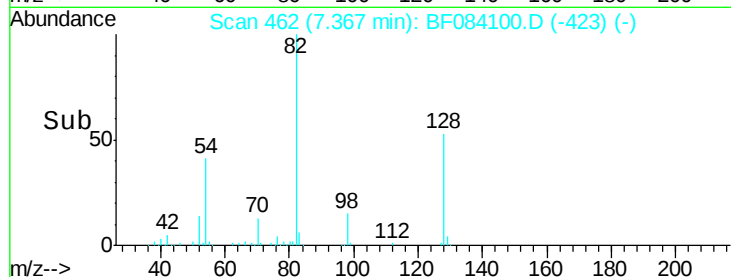
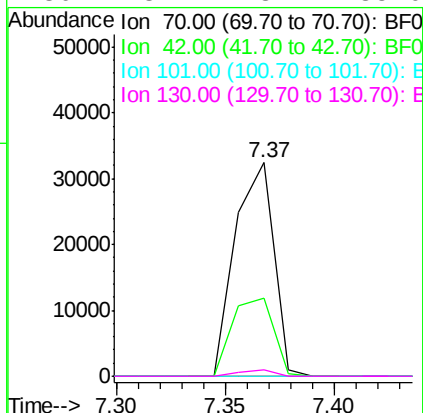
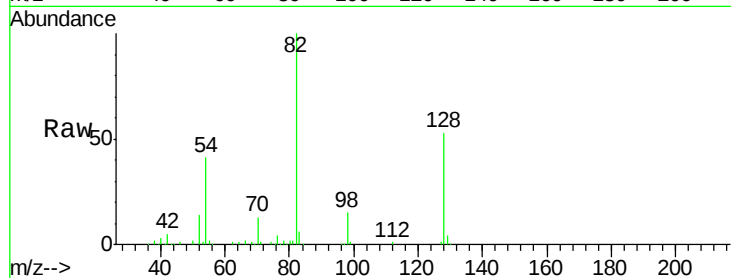




#19
n-Nitroso-di-n-propylamine
Concen: 18.89 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084100.D
Acq: 25 Dec 2015 1:14

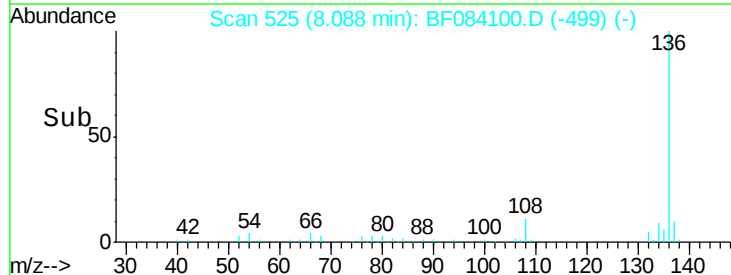
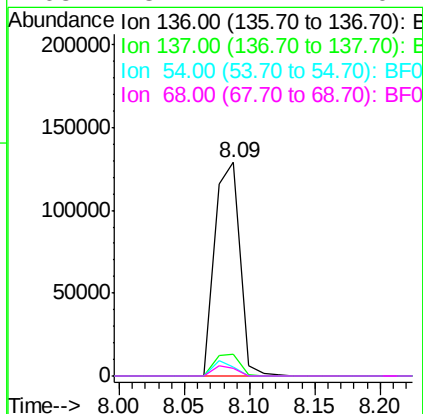
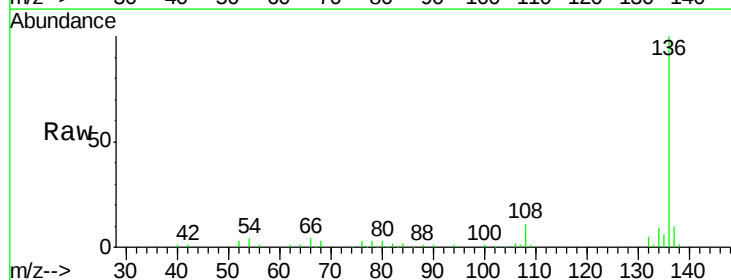
Instrument :
BNA_F
ClientSampleId :
MW-1-122115

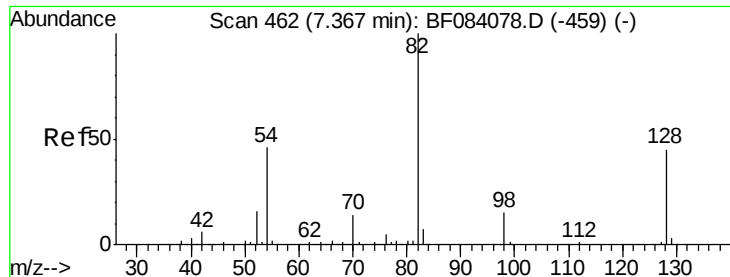
Tgt Ion: 70 Resp: 40066
Ion Ratio Lower Upper
70 100
42 36.8 33.3 49.9
101 0.0 9.3 13.9#
130 3.2 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084100.D
Acq: 25 Dec 2015 1:14

Tgt Ion: 136 Resp: 174459
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 3.9 5.8 8.8#
68 3.4 4.2 6.2#

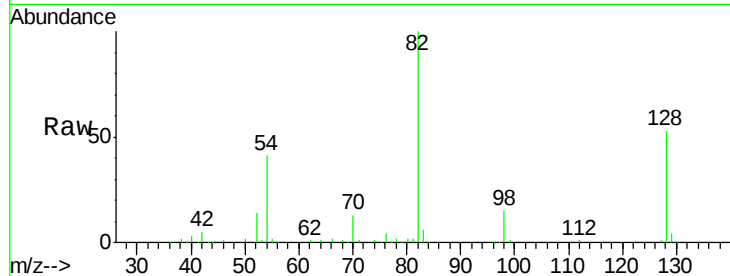




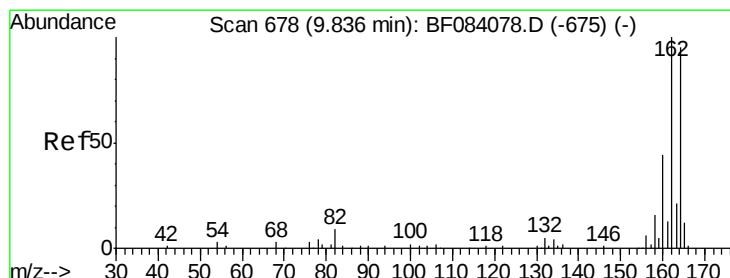
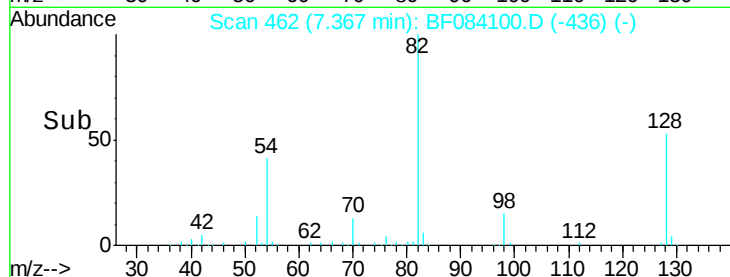
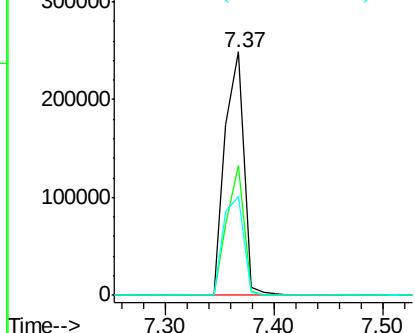
#23
 Nitrobenzene-d5
 Concen: 100.53 ng
 RT: 7.37 min Scan# 462
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

Tgt Ion: 82 Resp: 299634
 Ion Ratio Lower Upper
 82 100
 128 53.5 34.6 51.8#
 54 40.7 38.4 57.6

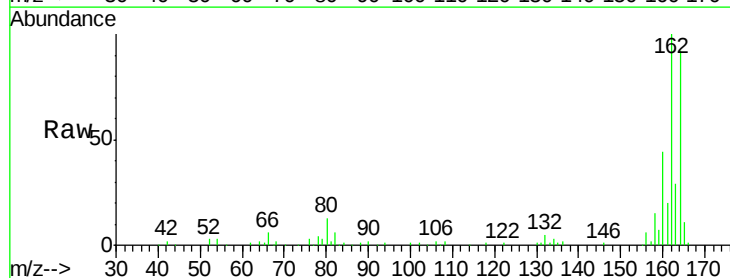


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

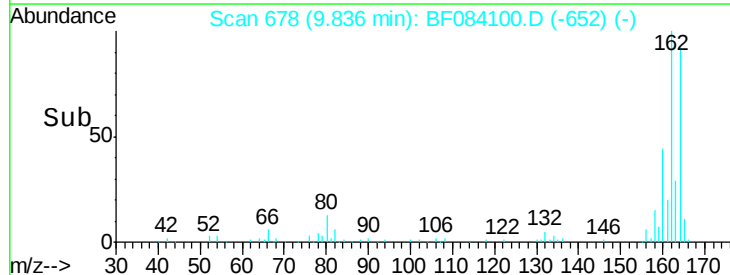
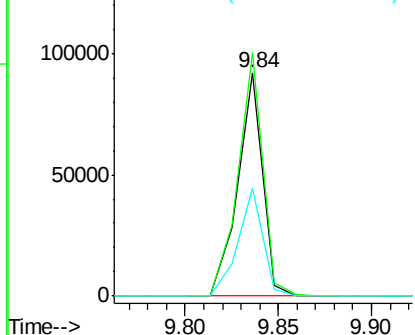


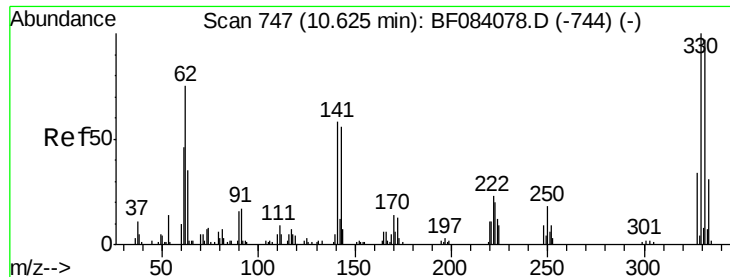
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion: 164 Resp: 85609
 Ion Ratio Lower Upper
 164 100
 162 109.1 85.1 127.7
 160 48.3 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

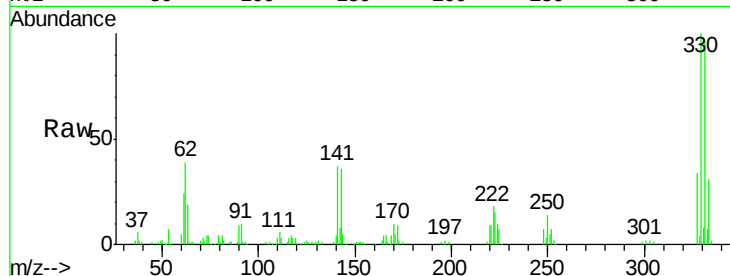




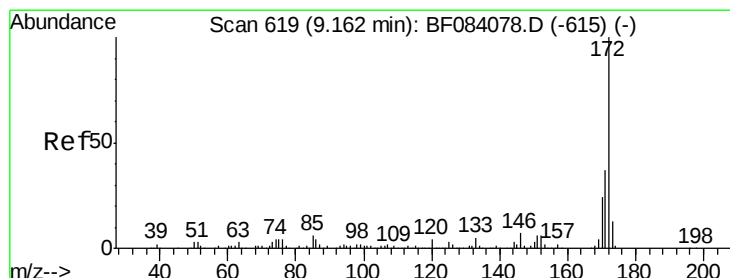
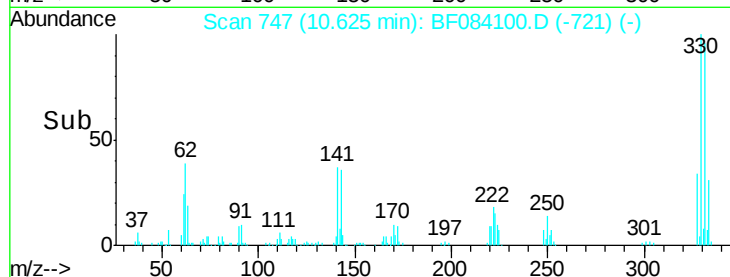
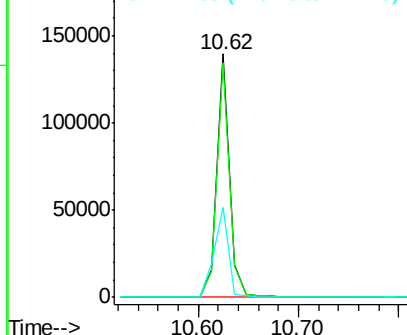
#41
 2,4,6-Tribromophenol
 Concen: 134.10 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

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Tgt Ion:330 Resp: 122423
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 41.7 27.8 41.6#

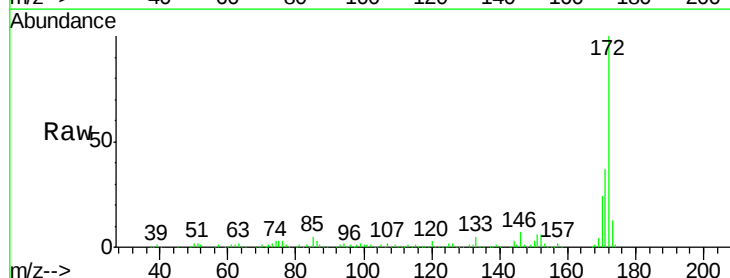


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

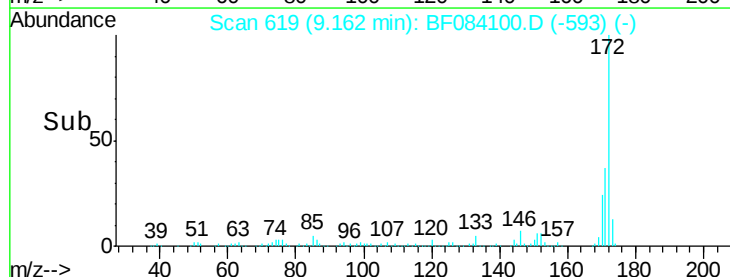
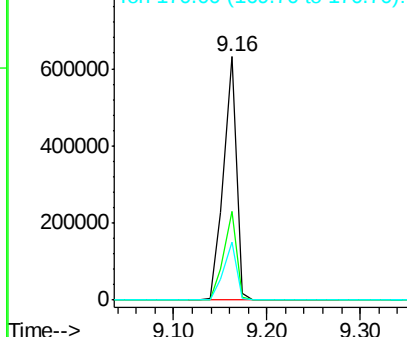


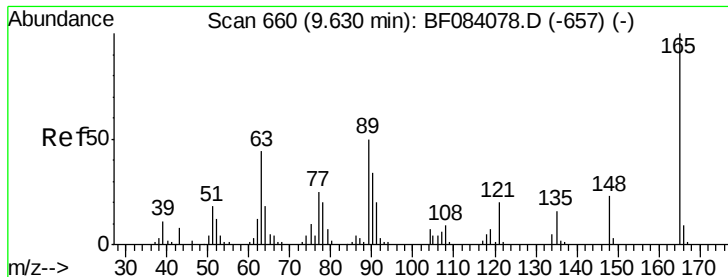
#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion:172 Resp: 606755
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.9 43.3
 170 24.0 18.6 27.8



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

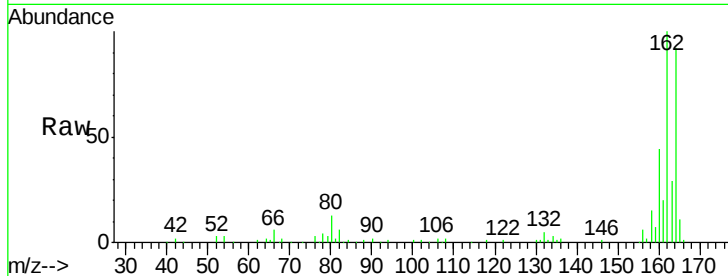




#50
 2,6-Dinitrotoluene
 Concen: 7.03 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

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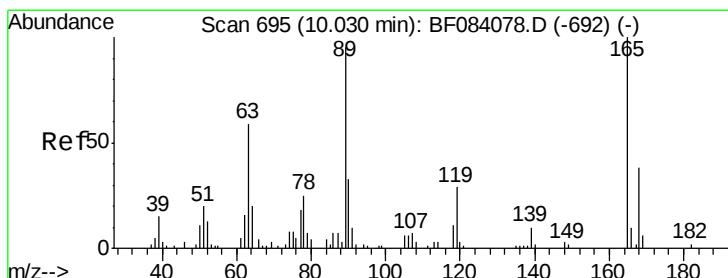
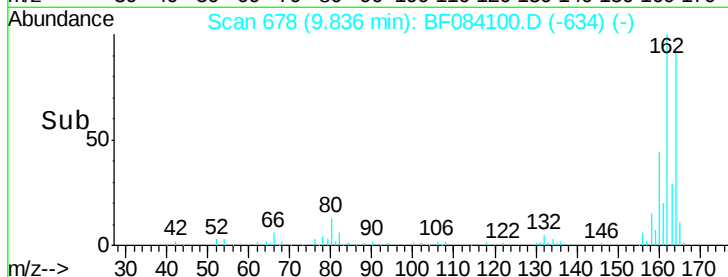
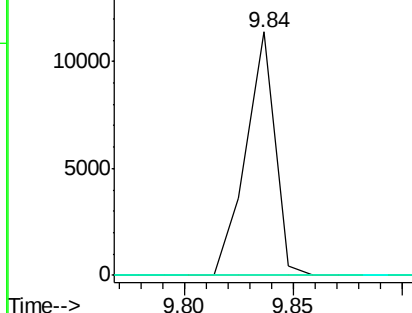
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.33 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

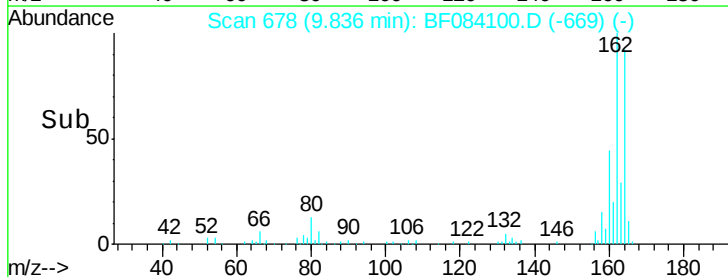
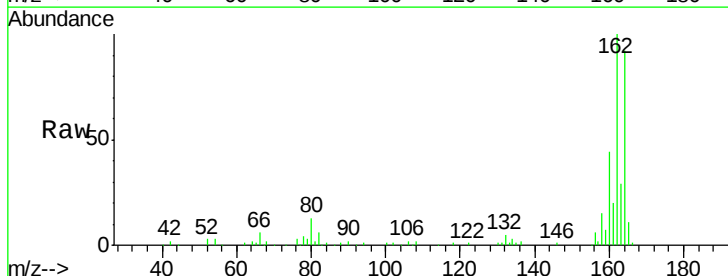
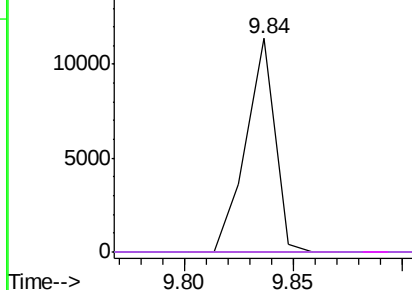
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.7	55.1#
89	0.0	61.9	92.9#
182	0.0	2.0	3.0#

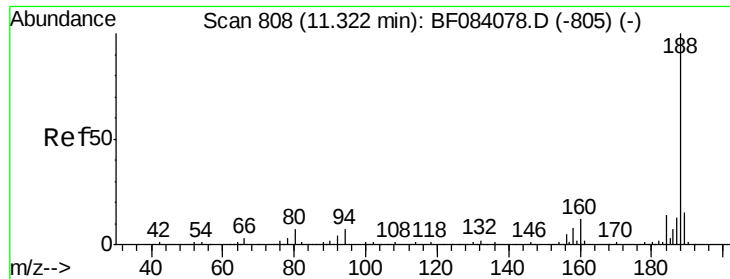
Abundance Ion 165.00 (164.70 to 165.70): E

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

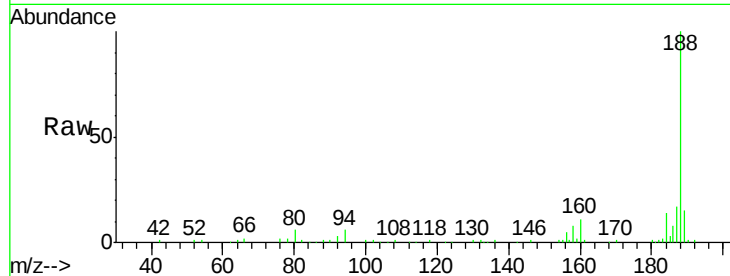




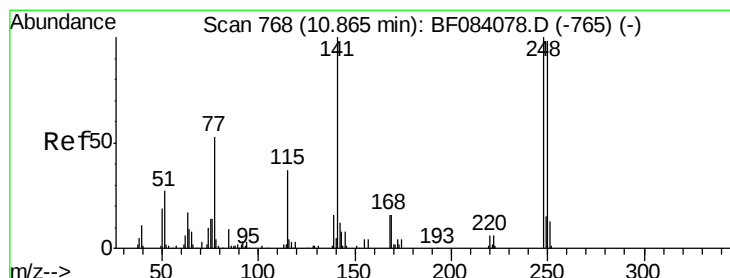
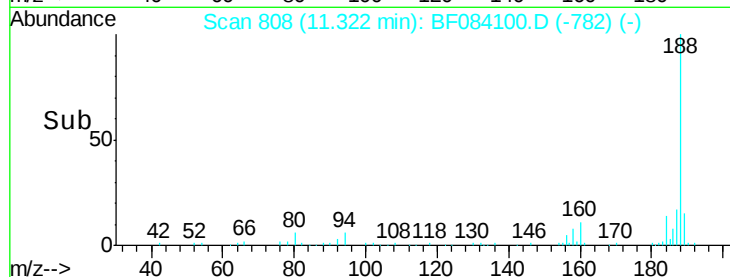
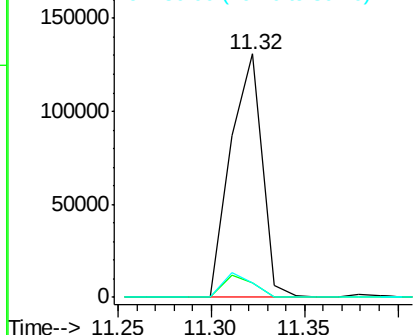
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Instrument :
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 ClientSampleId :
 MW-1-122115

Tgt Ion:188 Resp: 154715
 Ion Ratio Lower Upper
 188 100
 94 5.8 9.0 13.4#
 80 5.9 9.6 14.4#

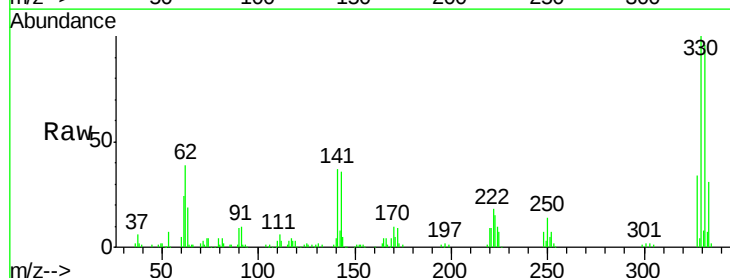


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

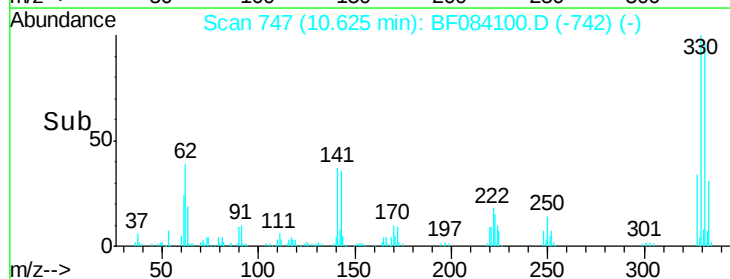
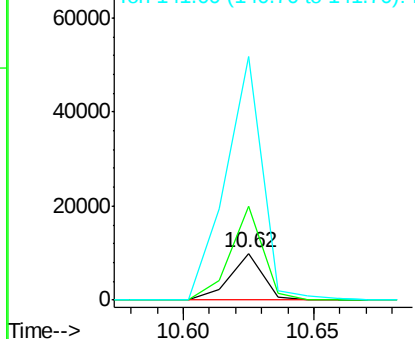


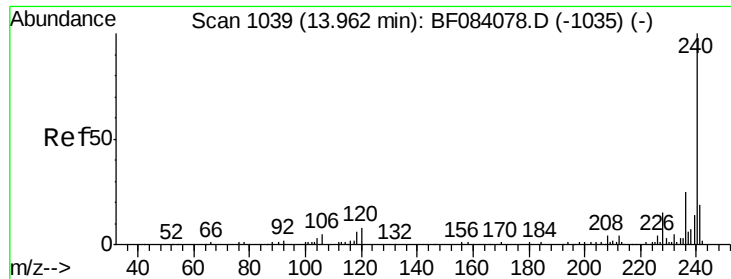
#66
 4-Bromophenyl-phenylether
 Concen: 4.89 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion:248 Resp: 8769
 Ion Ratio Lower Upper
 248 100
 250 201.5 78.4 117.6#
 141 520.7 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

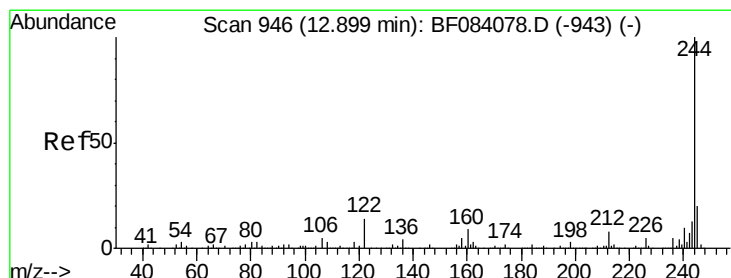
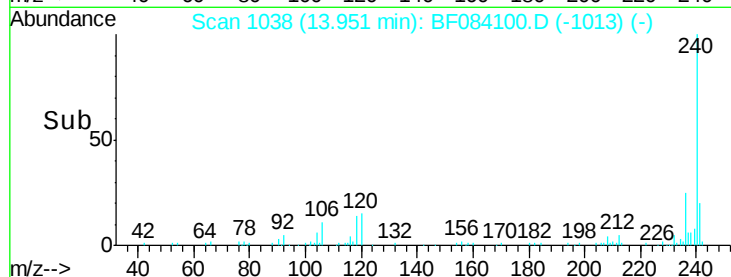
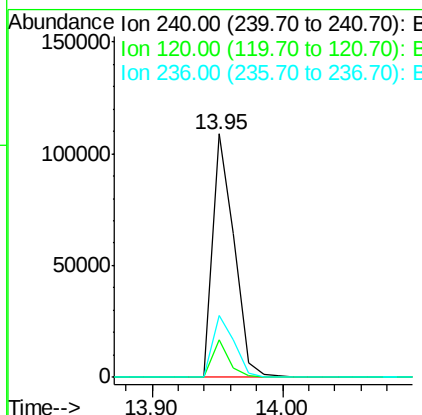
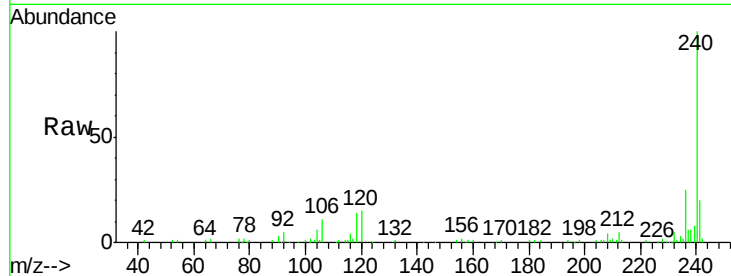




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

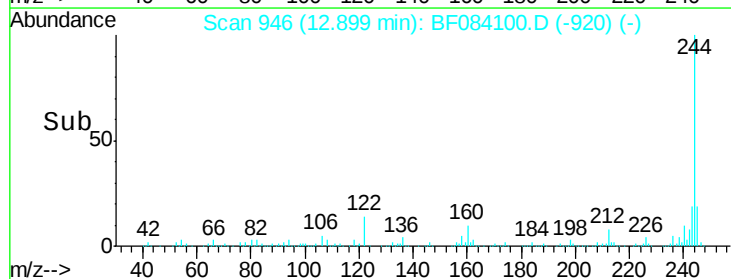
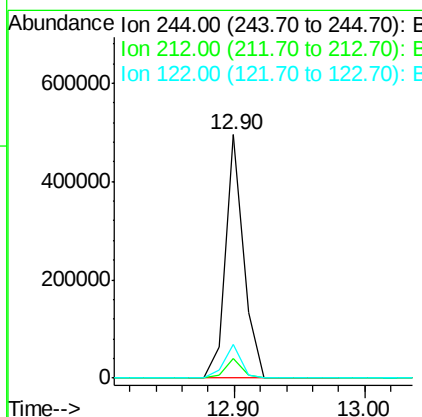
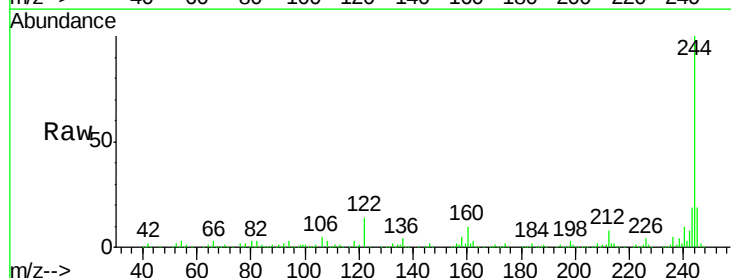
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-122115

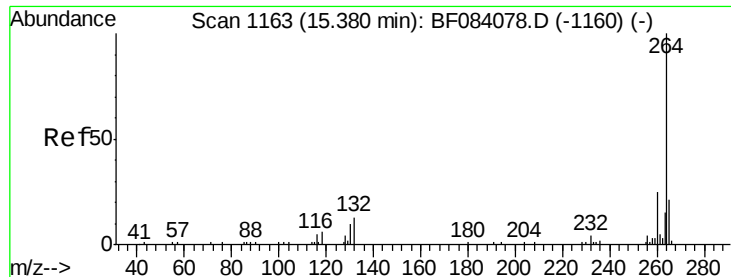
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	25.2	20.6	31.0



#78
 Terphenyl-d14
 Concen: 68.99 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084100.D
 Acq: 25 Dec 2015 1:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.7	8.5
122	14.1	7.4	11.0#

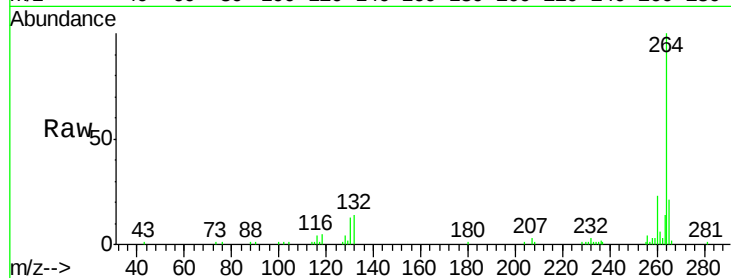




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084100.D
Acq: 25 Dec 2015 1:14

Instrument :
BNA_F
ClientSampleId :
MW-1-122115

Tgt Ion: 264 Resp: 96942
Ion Ratio Lower Upper
264 100
260 22.8 19.4 29.2
265 21.4 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

