

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084102.D
 Acq On : 25 Dec 2015 2:11
 Operator : UM/SJ
 Sample : G4934-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

Quant Time: Dec 25 05:51:09 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

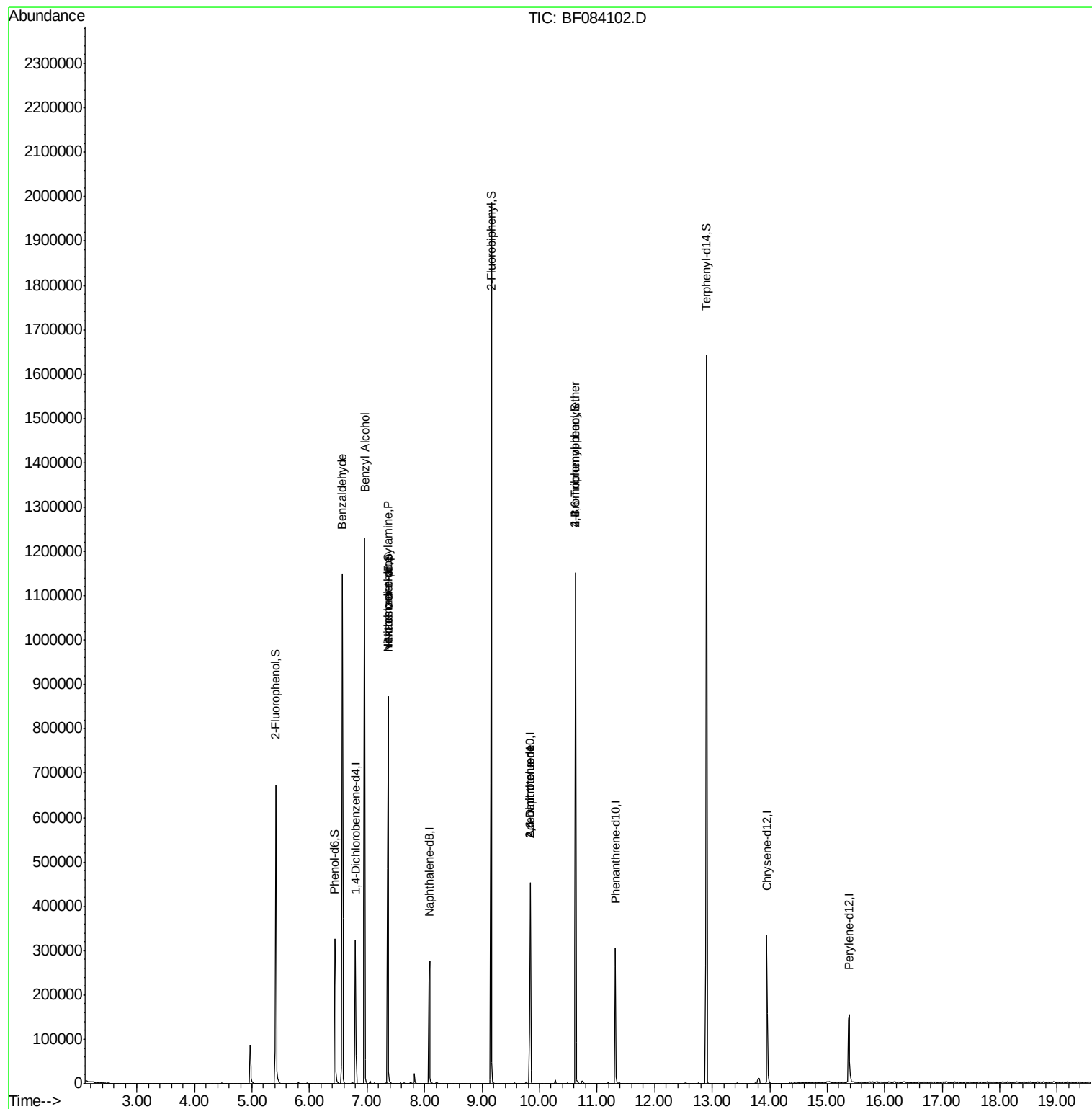
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	48832	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182109	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	90345	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	160205	20.00	ng	0.00
75) Chrysene-d12	13.95	240	134086	20.00	ng	-0.01
86) Perylene-d12	15.38	264	98632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	197279	68.49	ng	0.00
7) Phenol-d6	6.44	99	152450	42.78	ng	-0.01
23) Nitrobenzene-d5	7.37	82	325151	104.51	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	125193	129.94	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	631562	95.65	ng	0.00
78) Terphenyl-d14	12.90	244	490076	66.14	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.57	77	7379	3.87	ng	# 83
15) Benzyl Alcohol	6.96	79	5521	2.05	ng	# 41
18) Hexachloroethane	7.37	117	11398	7.95	ng	# 4
19) n-Nitroso-di-n-propylamine	7.37	70	43732	19.92	ng	# 75
50) 2,6-Dinitrotoluene	9.84	165	11723	7.38	ng	# 35
56) 2,4-Dinitrotoluene	9.84	165	11723	5.59	ng	# 20
66) 4-Bromophenyl-phenylether	10.62	248	9567	5.15	ng	# 1
74) Fluoranthene	12.53	202	2533	Below Cal		86

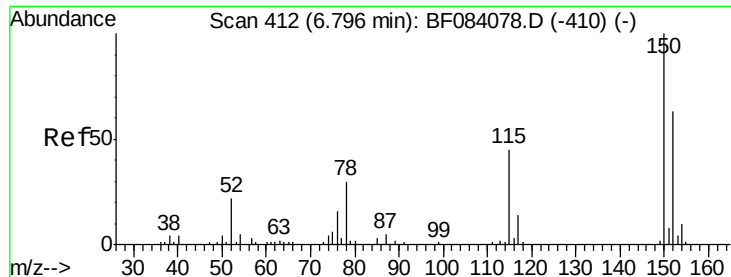
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
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QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampleId :

MW-3-122115

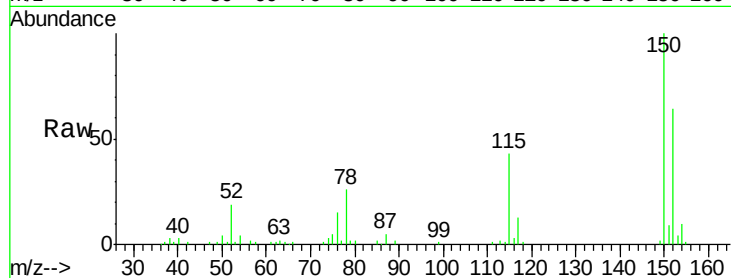
Tgt Ion:152 Resp: 48832

Ion Ratio Lower Upper

152 100

150 156.2 123.0 184.4

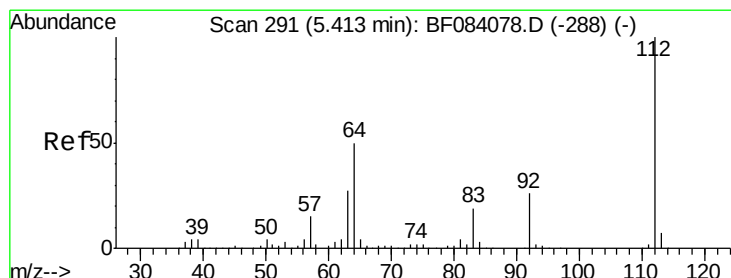
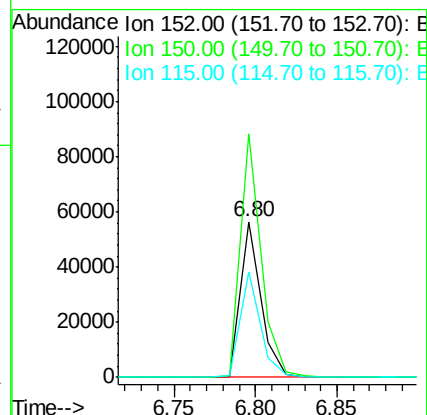
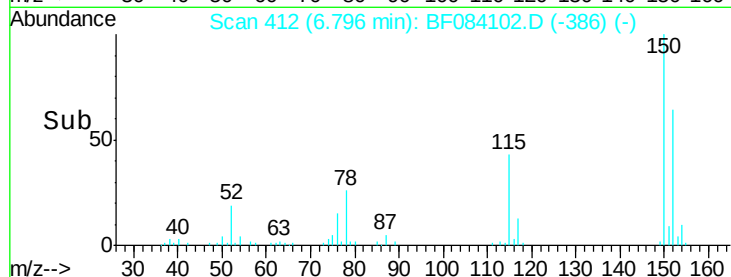
115 67.5 51.4 77.2



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: 68.49 ng

RT: 5.41 min Scan# 291

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

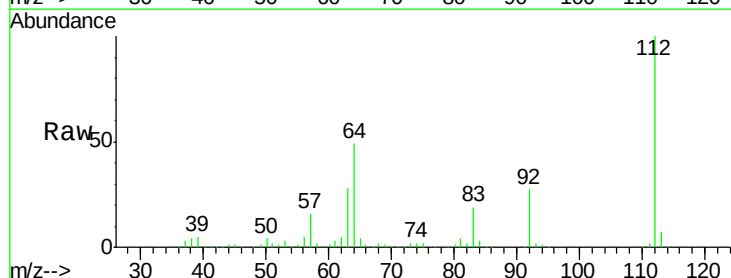
Tgt Ion:112 Resp: 197279

Ion Ratio Lower Upper

112 100

64 49.0 36.6 55.0

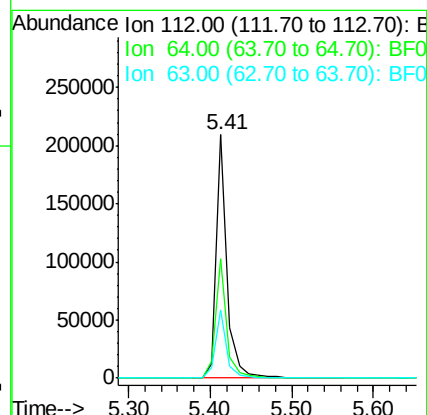
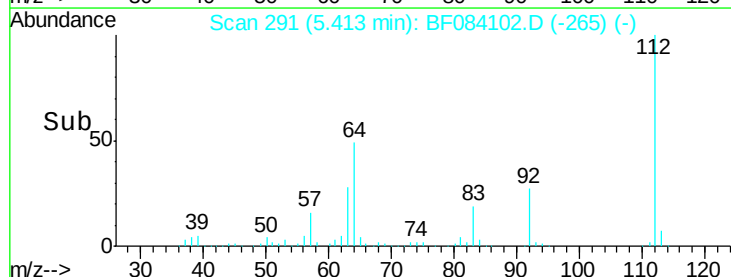
63 27.9 19.4 29.0

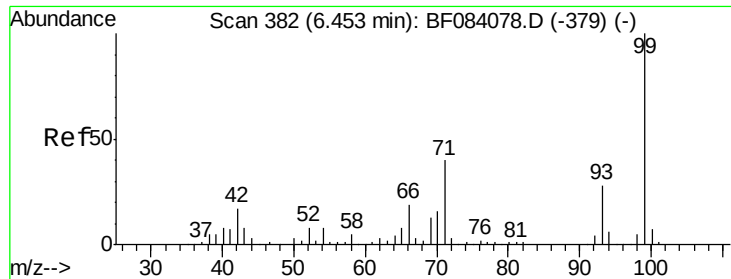


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 42.78 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampled :

MW-3-122115

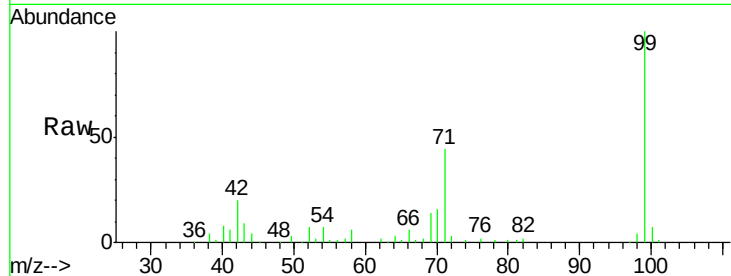
Tgt Ion: 99 Resp: 152450

Ion Ratio Lower Upper

99 100

42 19.9 12.8 19.2#

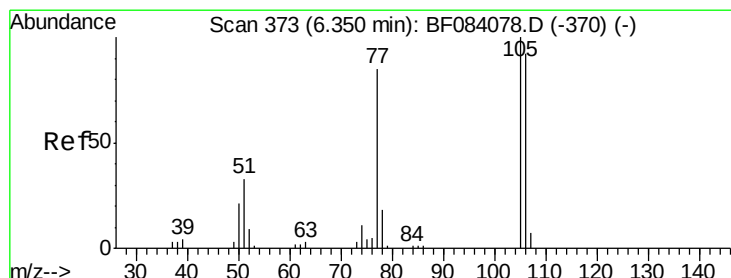
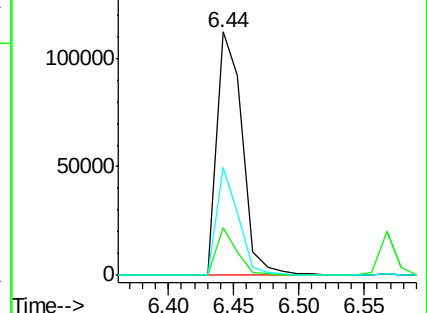
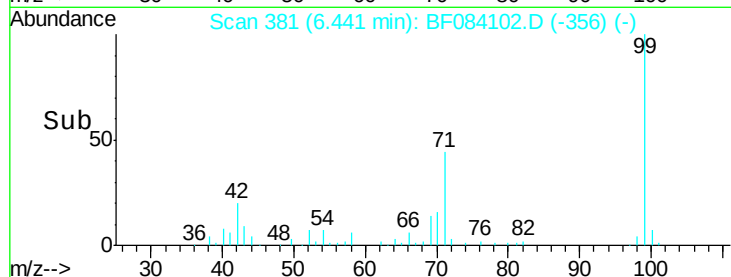
71 44.3 30.9 46.3



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: 3.87 ng

RT: 6.57 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

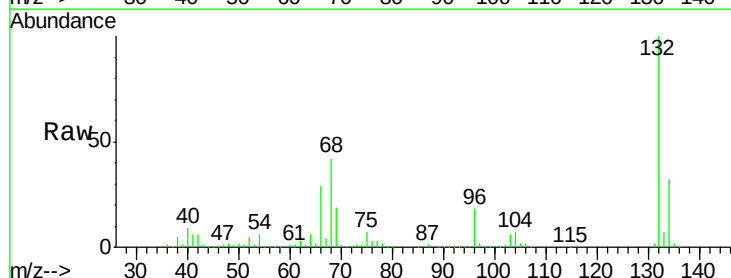
Tgt Ion: 77 Resp: 7379

Ion Ratio Lower Upper

77 100

105 81.3 83.0 123.0#

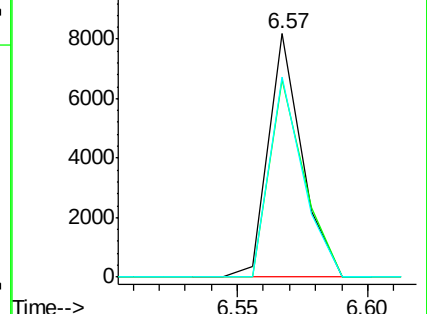
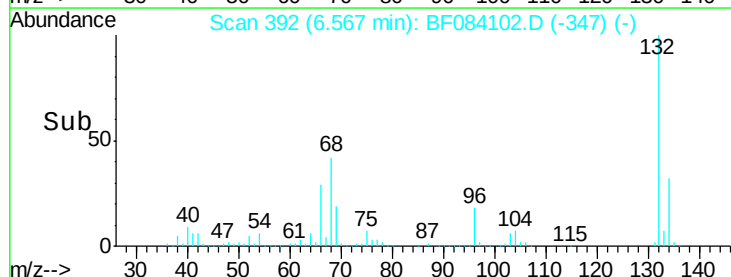
106 82.1 74.6 114.6

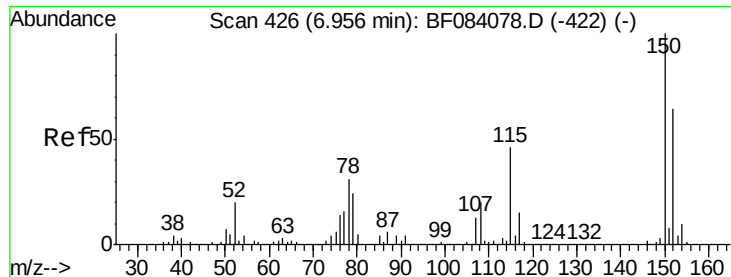


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampleId :

MW-3-122115

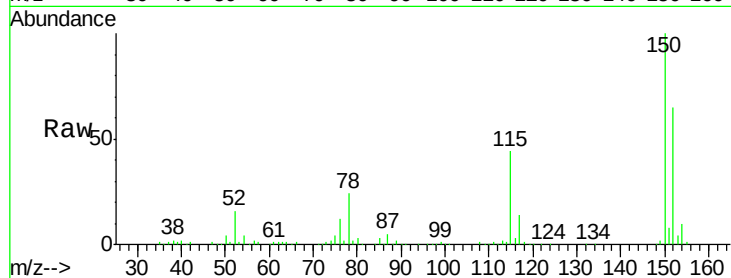
Tgt Ion: 79 Resp: 5521

Ion Ratio Lower Upper

79 100

108 30.5 69.0 103.4#

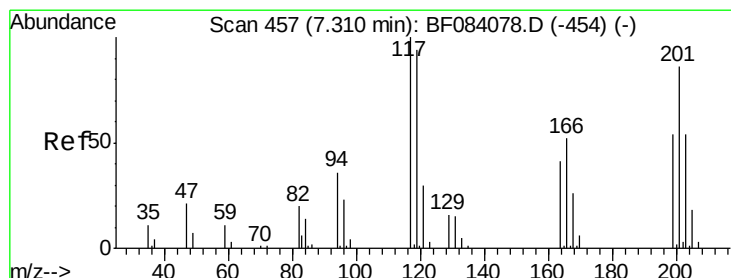
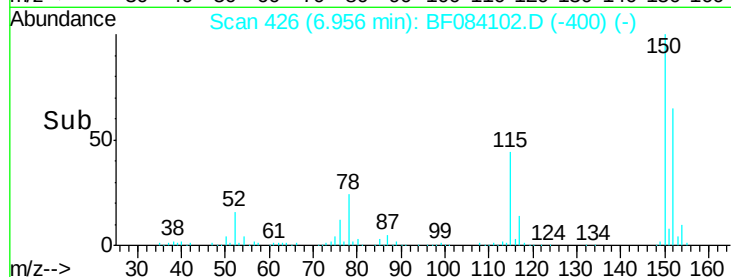
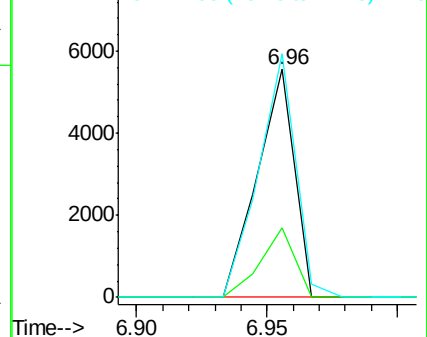
77 106.8 50.0 75.0#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 7.95 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.06 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

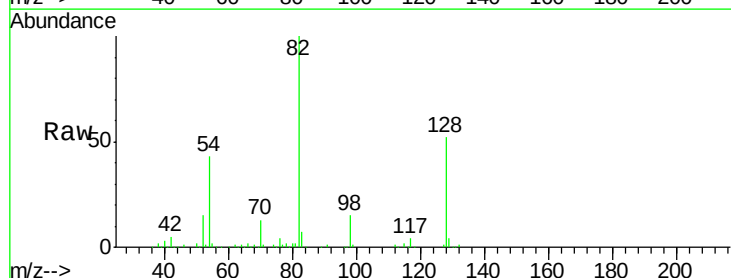
Tgt Ion: 117 Resp: 11398

Ion Ratio Lower Upper

117 100

119 0.0 77.4 116.0#

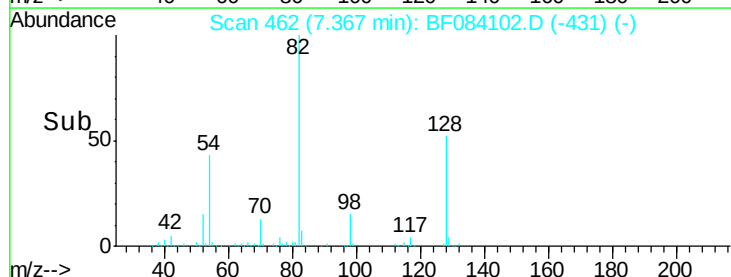
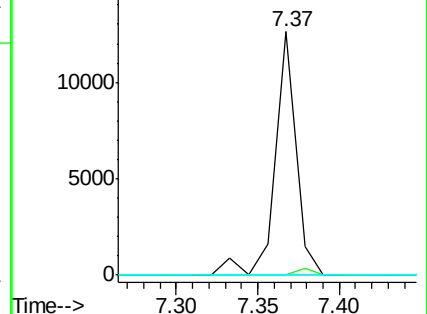
201 0.0 68.6 103.0#

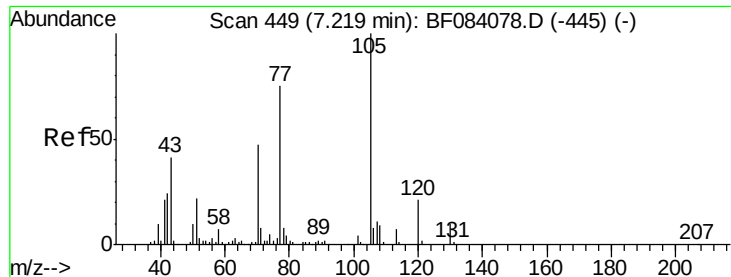


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

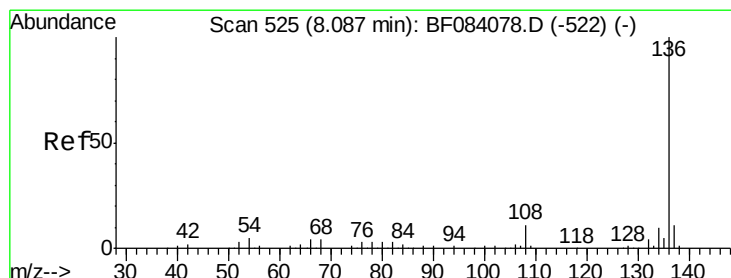
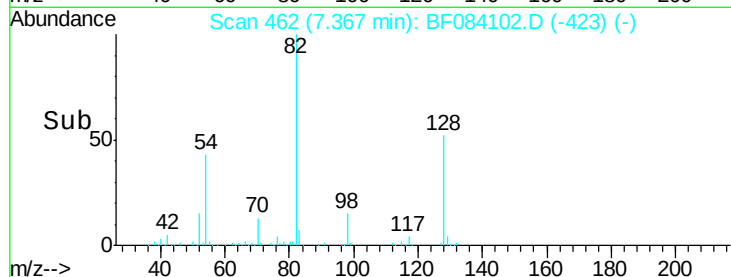
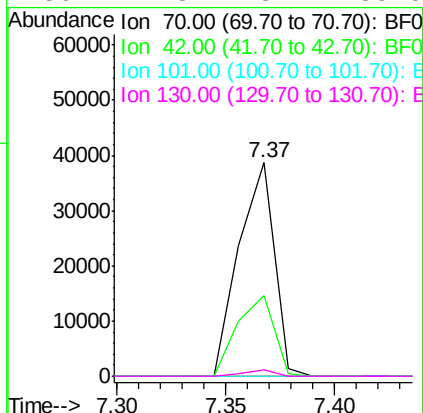
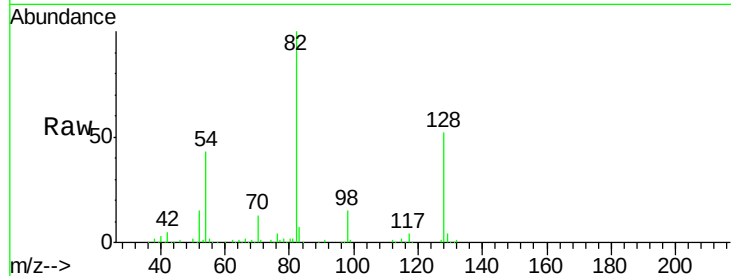




#19
n-Nitroso-di-n-propylamine
Concen: 19.92 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084102.D
Acq: 25 Dec 2015 2:11

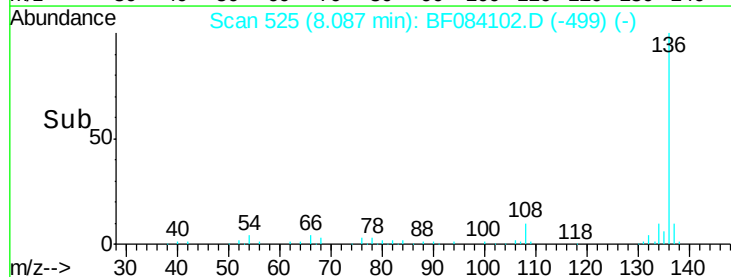
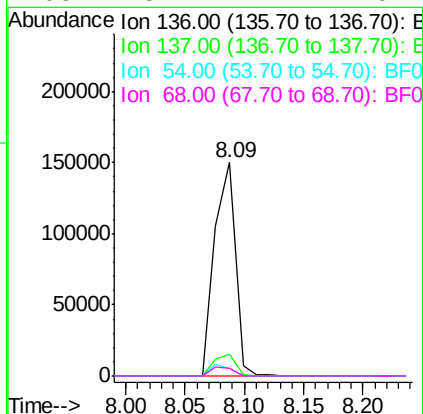
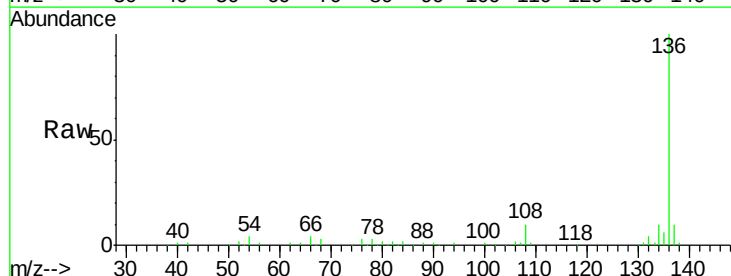
Instrument :
BNA_F
ClientSampleId :
MW-3-122115

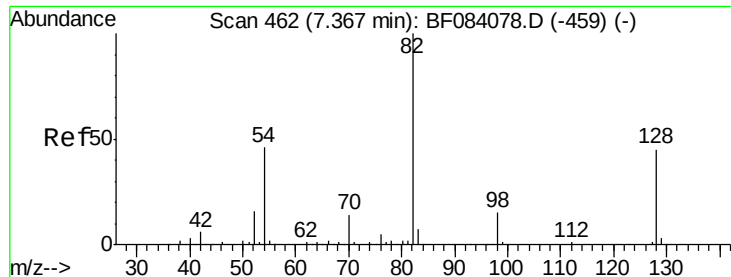
Tgt Ion: 70 Resp: 43732
Ion Ratio Lower Upper
70 100
42 37.6 33.3 49.9
101 0.0 9.3 13.9#
130 2.8 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. 0.00 min
Lab File: BF084102.D
Acq: 25 Dec 2015 2:11

Tgt Ion: 136 Resp: 182109
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: 104.51 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

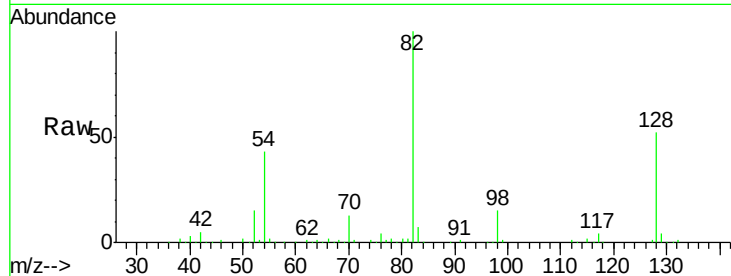
Instrument :

BNA_F

ClientSampleId :

MW-3-122115

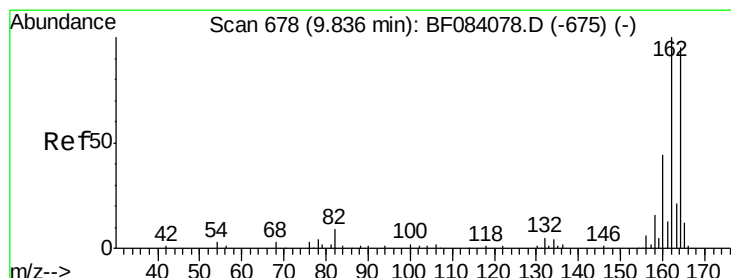
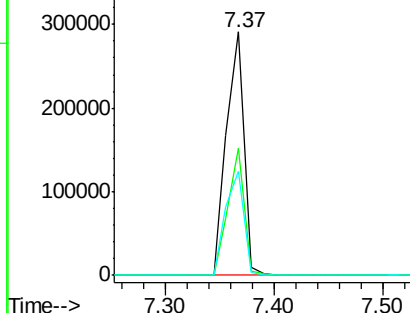
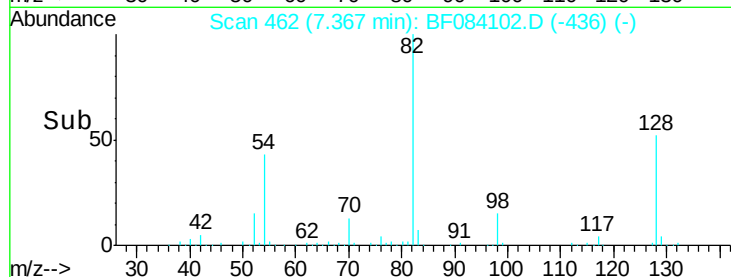
Tgt Ion:	82	Resp:	325151
Ion	Ratio	Lower	Upper
82	100		
128	52.2	34.6	51.8#
54	42.6	38.4	57.6



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

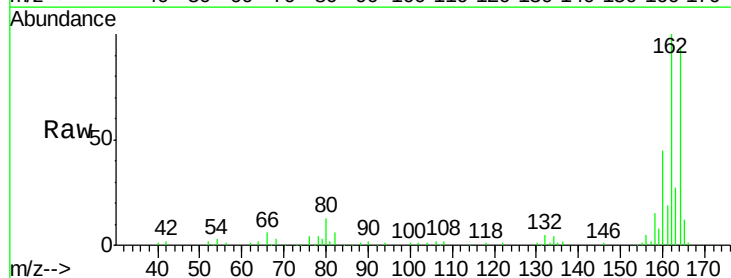
RT: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

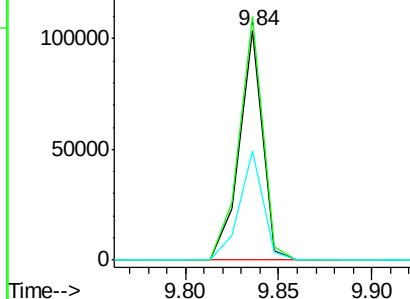
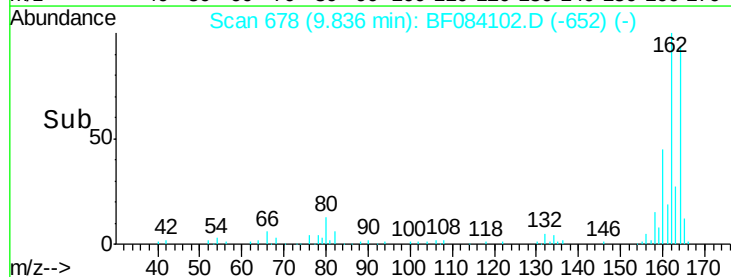
Tgt Ion:	164	Resp:	90345
Ion	Ratio	Lower	Upper
164	100		
162	106.3	85.1	127.7
160	47.5	37.5	56.3

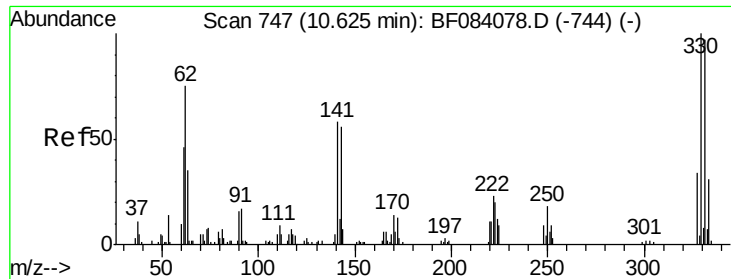


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

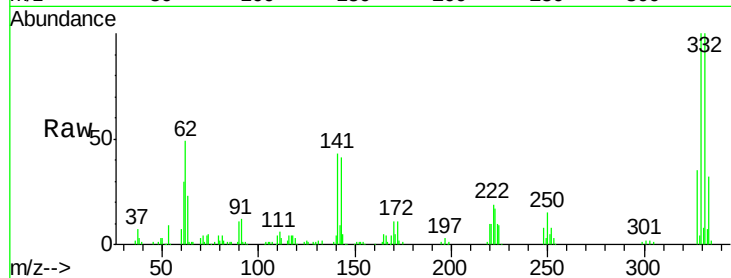




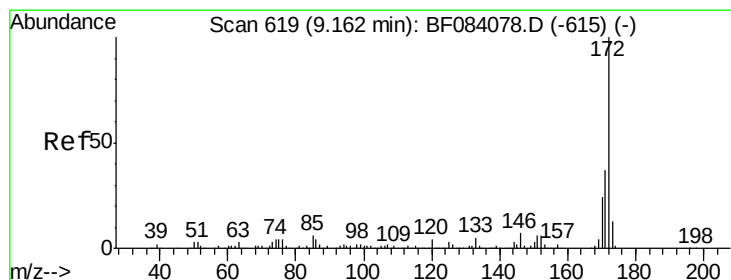
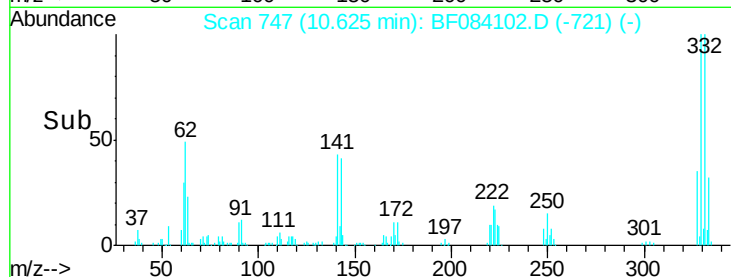
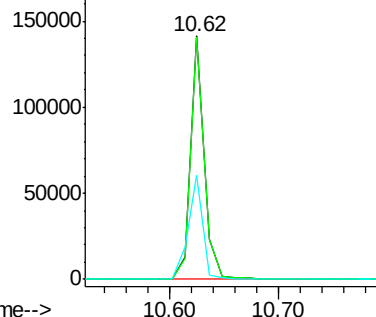
#41
 2,4,6-Tribromophenol
 Concen: 129.94 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.0	76.6	114.8
141	45.2	27.8	41.6

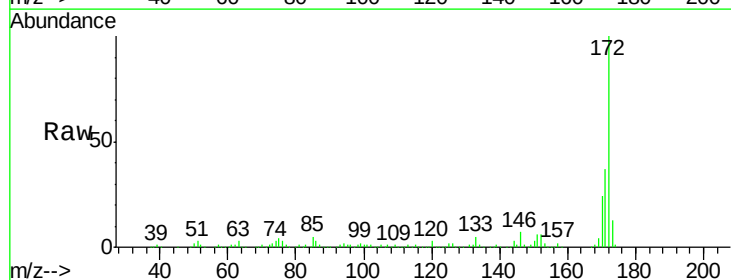


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

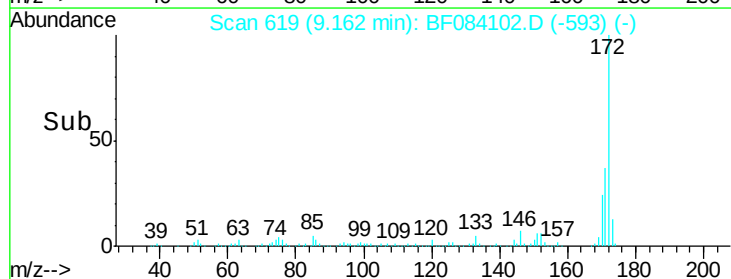
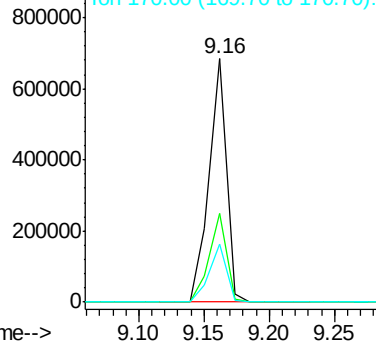


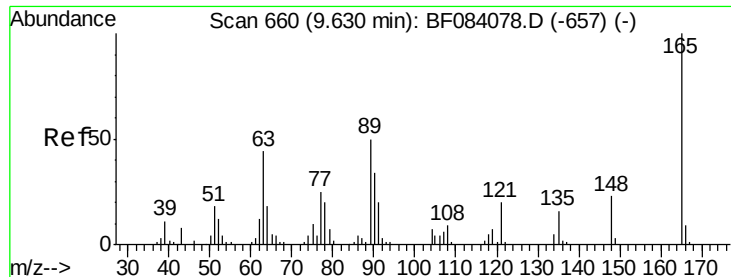
#44
 2-Fluorobiphenyl
 Concen: 95.65 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.9	43.3
170	23.8	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

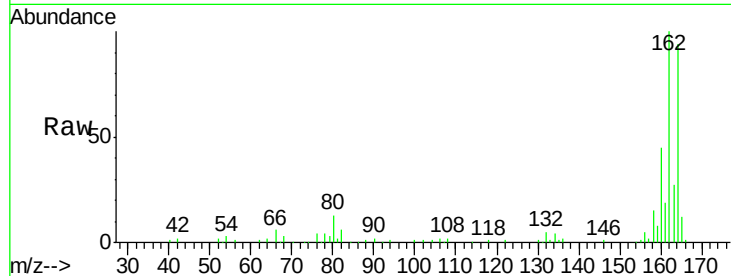




#50
 2,6-Dinitrotoluene
 Concen: 7.38 ng
 RT: 9.84 min Scan# 678
 Delta R.T. 0.21 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

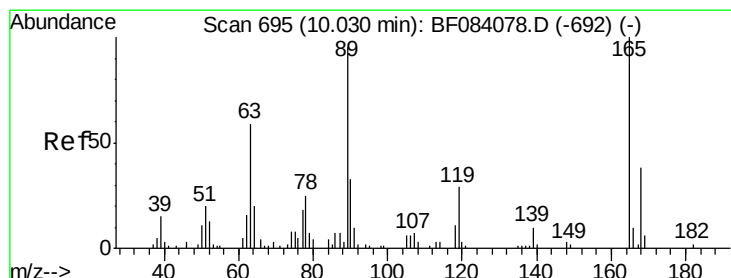
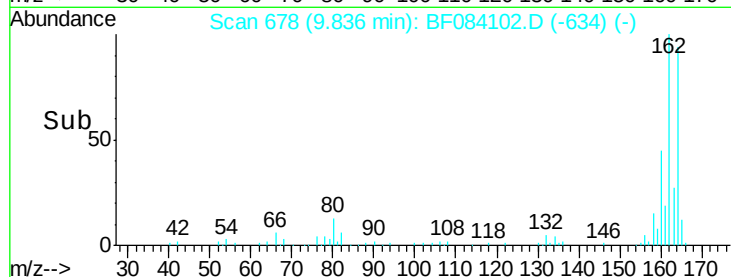
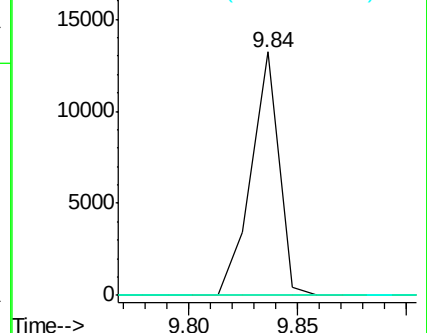
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.8	43.2#
89	0.0	35.1	52.7#



Abundance Ion 165.00 (164.70 to 165.70): E

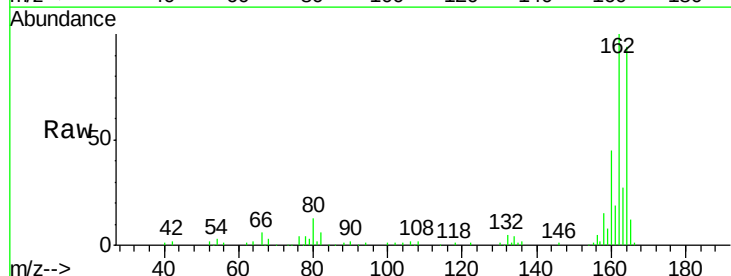
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.59 ng
 RT: 9.84 min Scan# 678
 Delta R.T. -0.19 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

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#

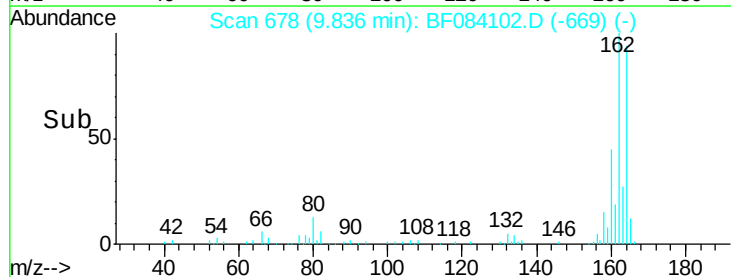
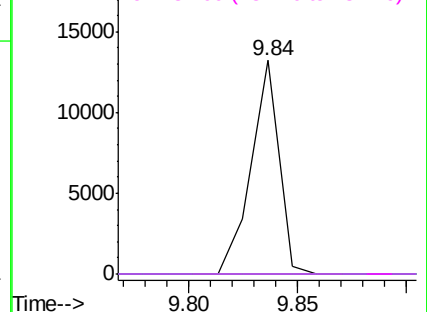


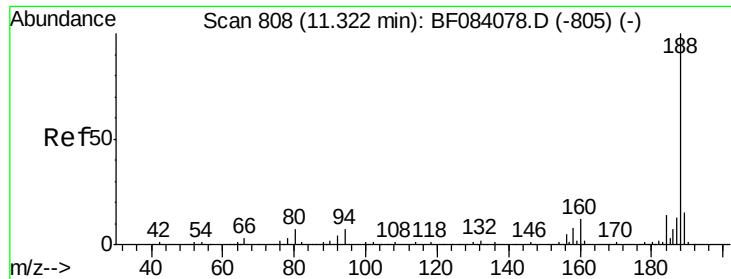
Abundance Ion 165.00 (164.70 to 165.70): E

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

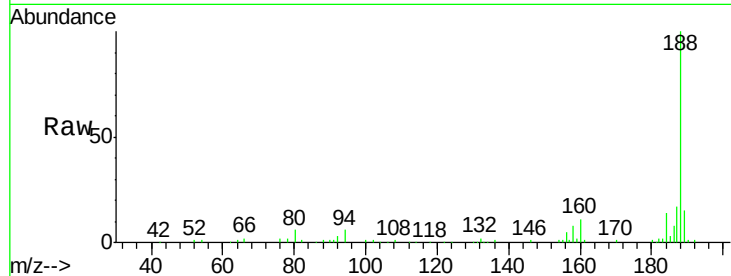




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-3-122115

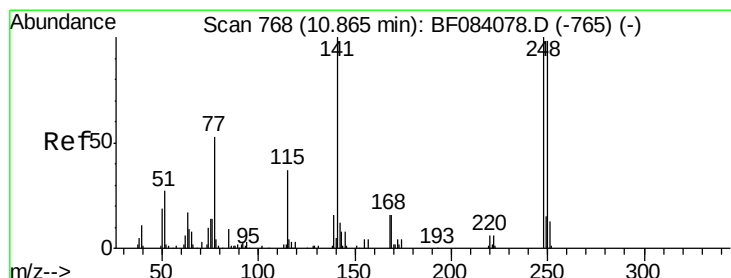
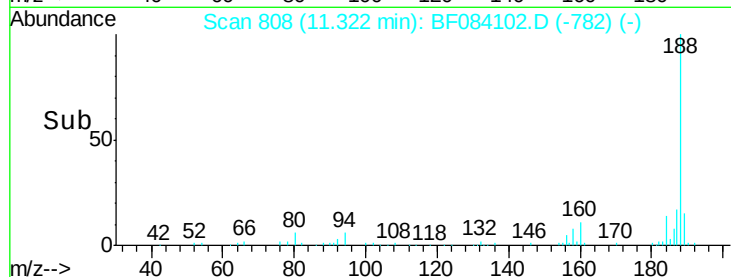
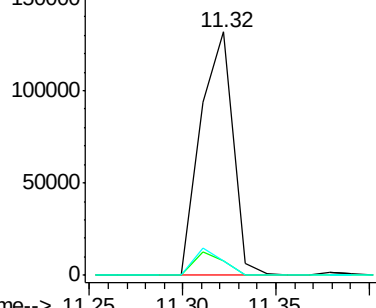
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	9.0	13.4#
80	6.0	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

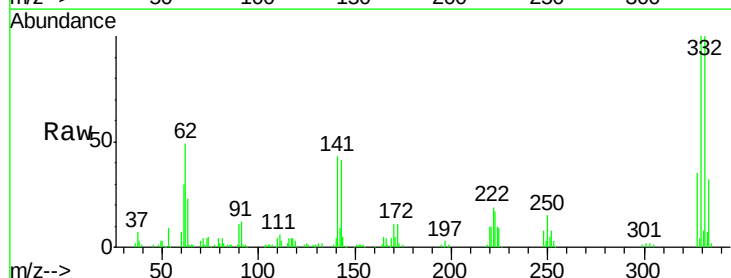
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#66
 4-Bromophenyl-phenylether
 Concen: 5.15 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084102.D
 Acq: 25 Dec 2015 2:11

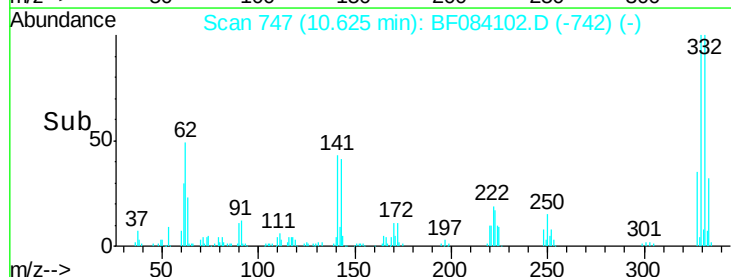
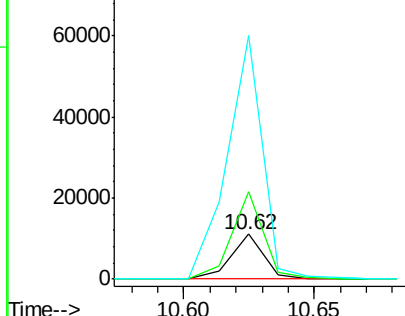
Tgt Ion	Ratio	Lower	Upper
248	100		
250	195.6	78.4	117.6#
141	542.0	44.0	66.0#

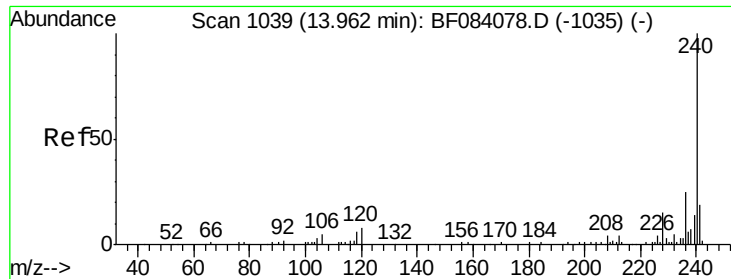


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084102.D

Acq: 25 Dec 2015 2:11

Instrument :

BNA_F

ClientSampleId :

MW-3-122115

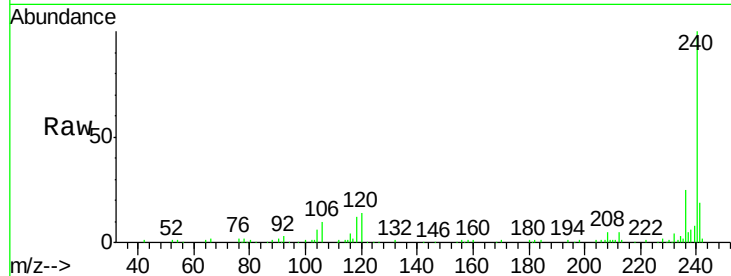
Tgt Ion:240 Resp: 134086

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

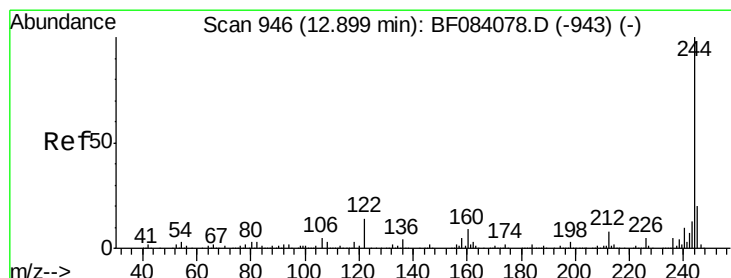
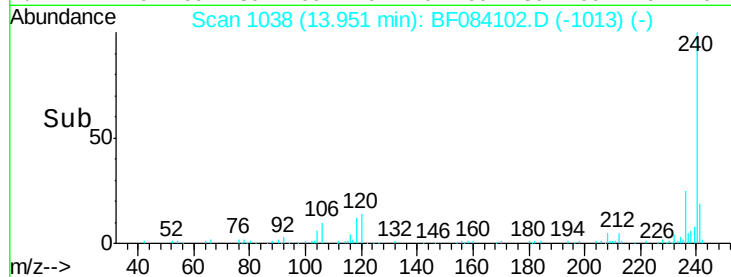
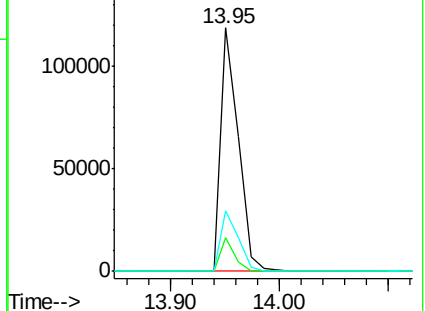
236 25.0 20.6 31.0



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: 66.14 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084102.D

Acq: 25 Dec 2015 2:11

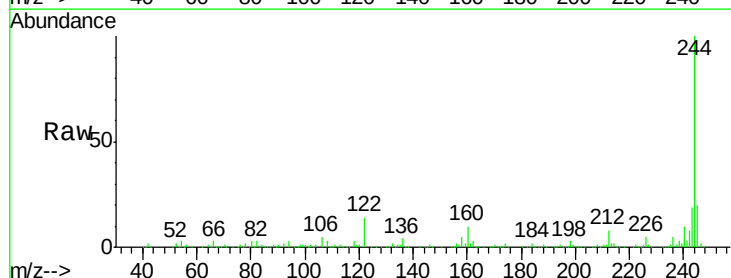
Tgt Ion:244 Resp: 490076

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

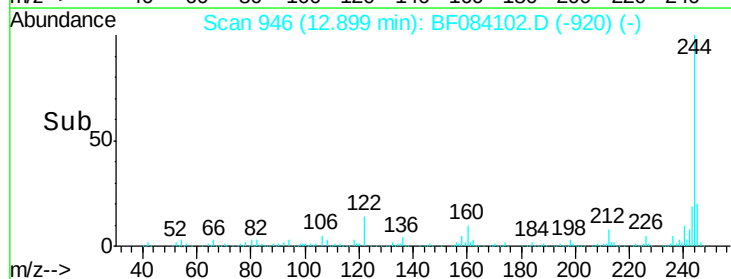
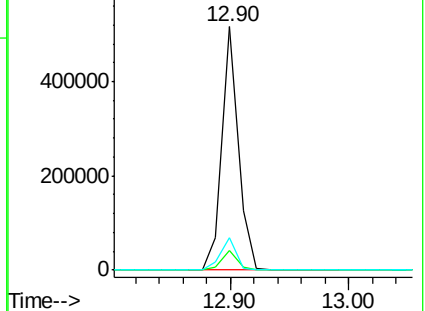
122 13.6 7.4 11.0#

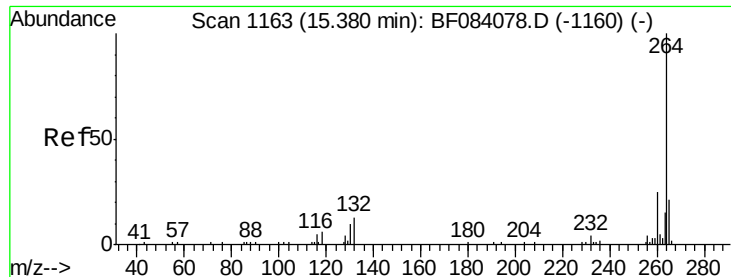


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



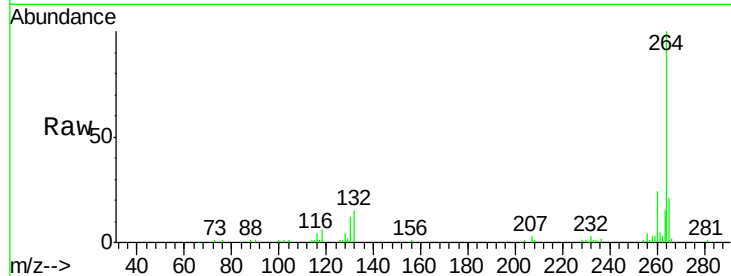


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.38 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BF084102.D
Acq: 25 Dec 2015 2:11

Instrument :
BNA_F
ClientSampleId :
MW-3-122115

Tgt Ion: 264 Resp: 98632

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	20.6	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

