

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
 Data File : BF084065.D
 Acq On : 24 Dec 2015 6:10
 Operator : UM/SJ
 Sample : G4925-03
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Quant Time: Dec 24 07:22:21 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

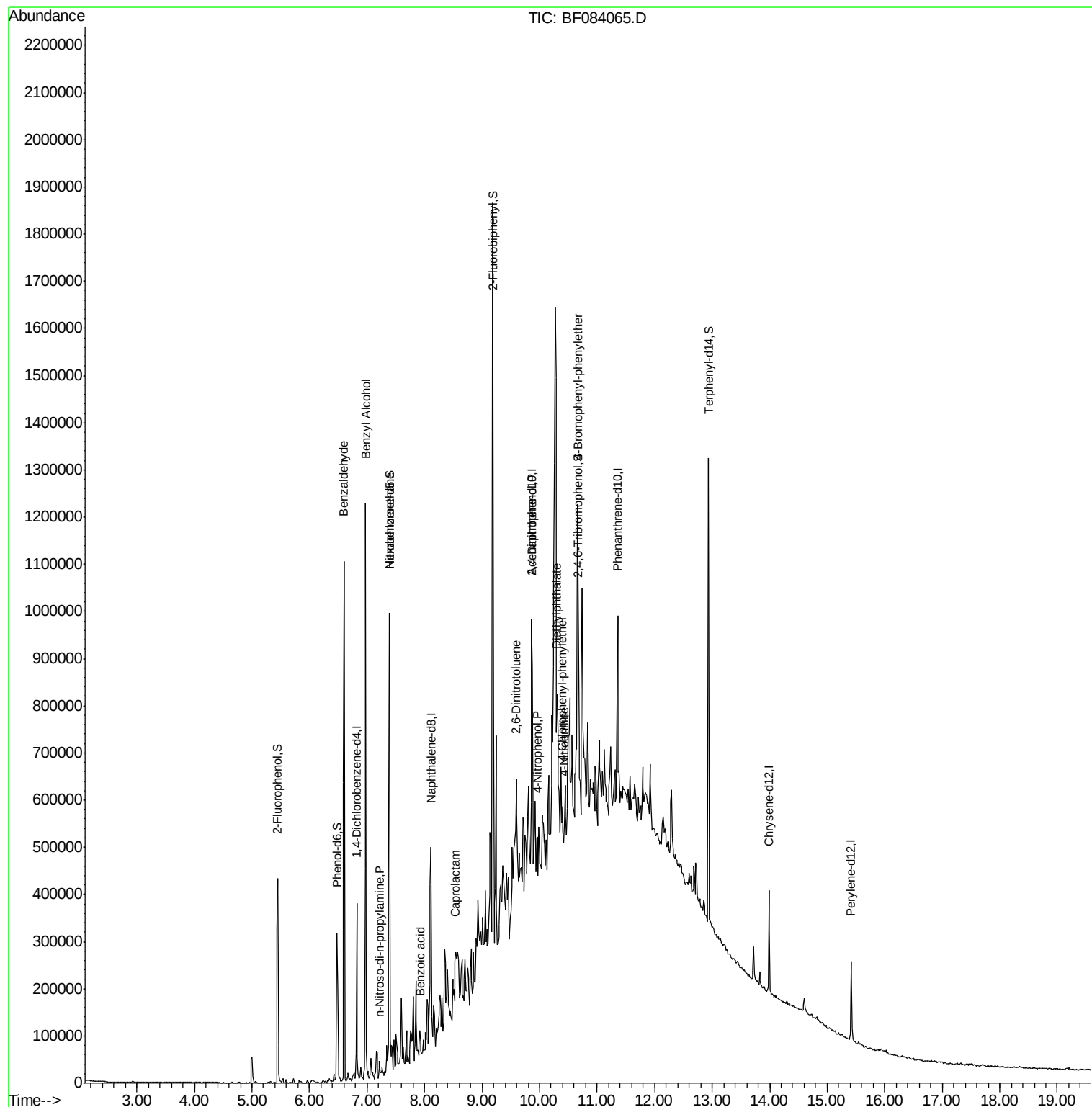
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	54326	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	193695	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	80670	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	119428	20.00	ng	0.00
75) Chrysene-d12	13.99	240	91498	20.00	ng	-0.01
86) Perylene-d12	15.41	264	84711	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	181749	57.04	ng	0.01
7) Phenol-d6	6.48	99	143455	38.29	ng	0.00
23) Nitrobenzene-d5	7.39	82	317725	100.77	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	115555	148.92	ng	0.01
44) 2-Fluorobiphenyl	9.18	172	533229	88.96	ng	-0.01
78) Terphenyl-d14	12.93	244	290458	75.70	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.60	77	8483	3.39	ng	97
15) Benzyl Alcohol	6.98	79	6965	2.36	ng	# 40
18) Hexachloroethane	7.39	117	30659	21.00	ng	# 5
19) n-Nitroso-di-n-propylamine	7.22	70	5494	2.42	ng	# 62
32) Benzoic acid	7.93	122	906	5.85	ng	# 48
35) Caprolactam	8.53	113	7998	9.77	ng	# 1
50) 2,6-Dinitrotoluene	9.60	165	4914	3.69	ng	# 14
53) 2,4-Dinitrophenol	9.86	184	229	8.37	ng	# 1
55) 4-Nitrophenol	9.96	139	4225	5.08	ng	# 1
59) Diethylphthalate	10.30	149	24102	3.89	ng	# 63
60) 4-Chlorophenyl-phenylether	10.40	204	5395	2.05	ng	# 74
61) 4-Nitroaniline	10.43	138	3038	2.10	ng	89
66) 4-Bromophenyl-phenylether	10.66	248	7792	5.69	ng	# 1

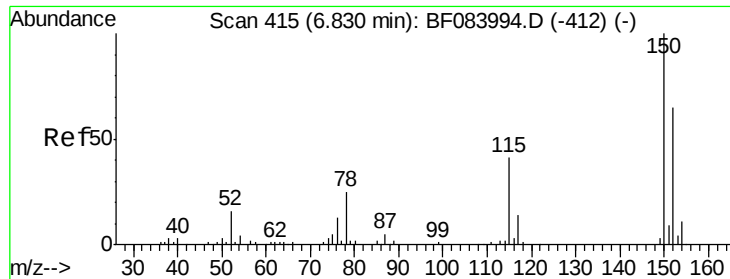
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

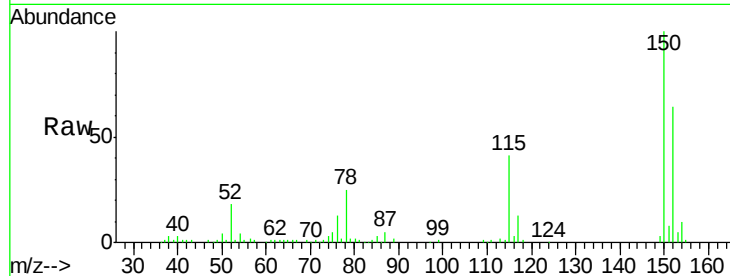
Tgt Ion:152 Resp: 54326

Ion Ratio Lower Upper

152 100

150 155.5 123.0 184.4

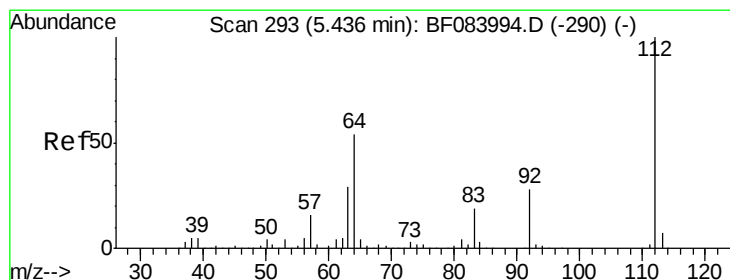
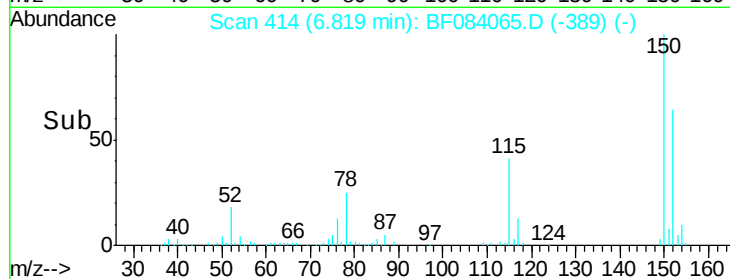
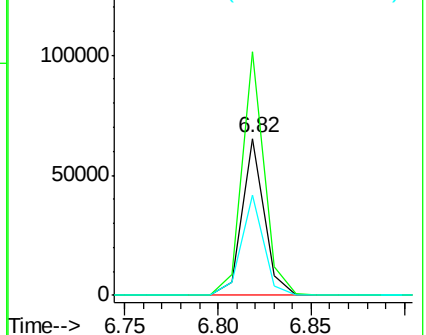
115 63.9 51.4 77.2



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: 57.04 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

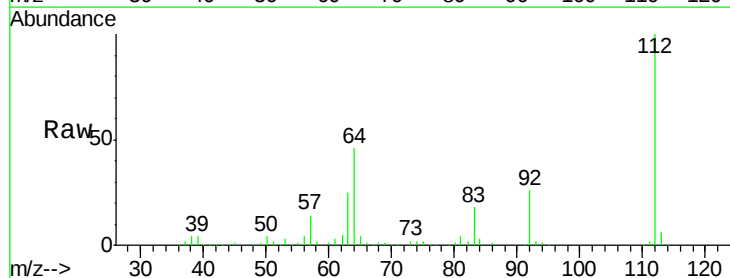
Tgt Ion:112 Resp: 181749

Ion Ratio Lower Upper

112 100

64 46.3 36.6 55.0

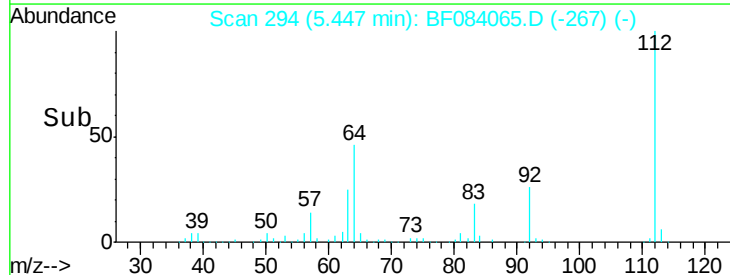
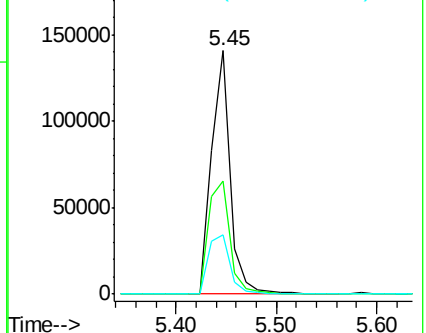
63 24.6 19.4 29.0

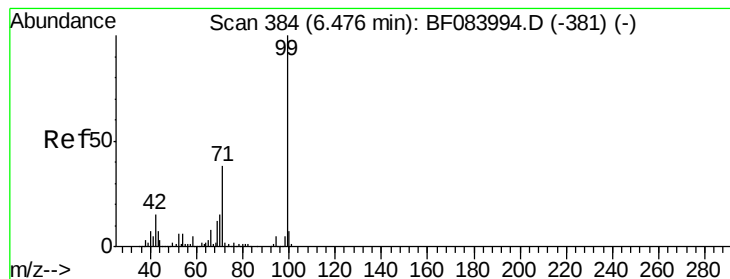


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 38.29 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampled :

MW-15

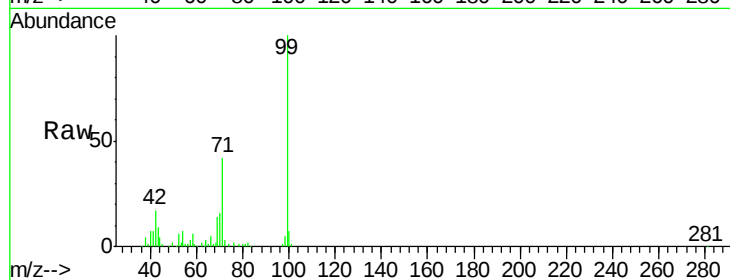
Tgt Ion: 99 Resp: 143455

Ion Ratio Lower Upper

99 100

42 17.4 12.8 19.2

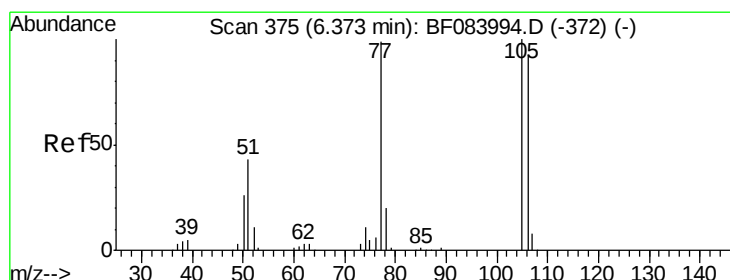
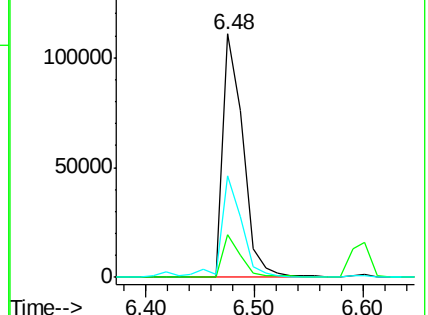
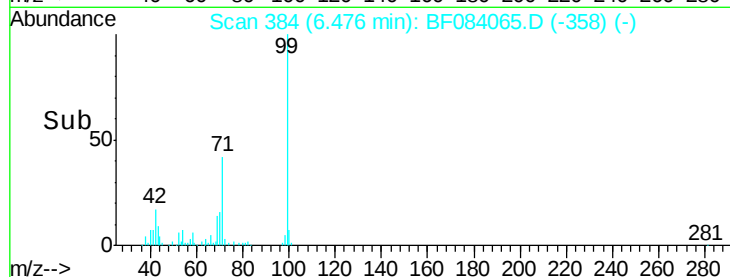
71 41.5 30.9 46.3



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: 3.39 ng

RT: 6.60 min Scan# 395

Delta R.T. 0.23 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

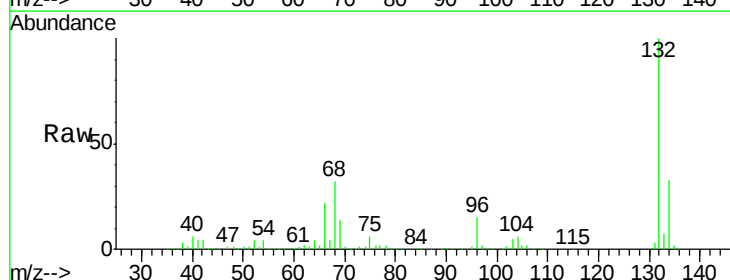
Tgt Ion: 77 Resp: 8483

Ion Ratio Lower Upper

77 100

105 100.4 83.0 123.0

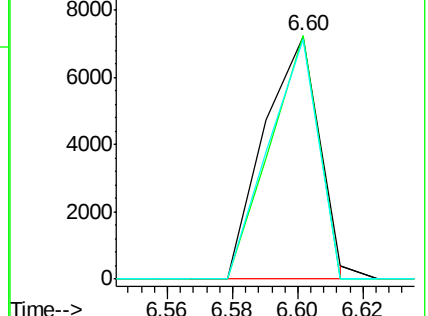
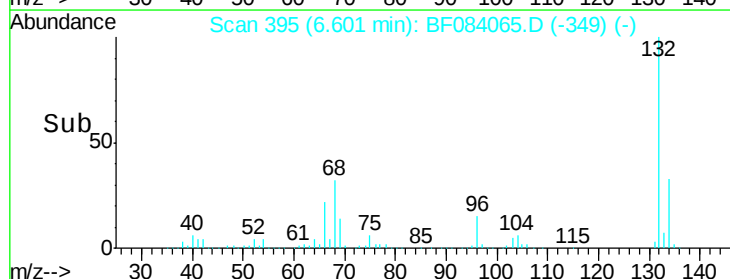
106 99.0 74.6 114.6

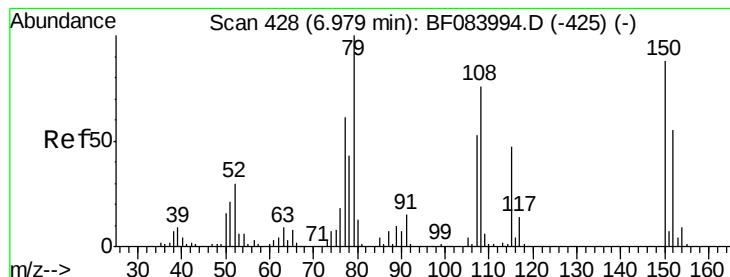


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.36 ng

RT: 6.98 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

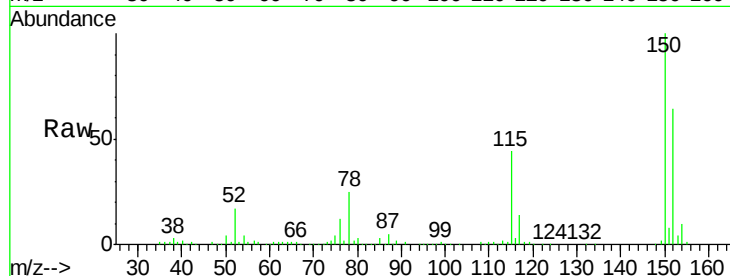
Tgt Ion: 79 Resp: 6965

Ion Ratio Lower Upper

79 100

108 38.1 69.0 103.4#

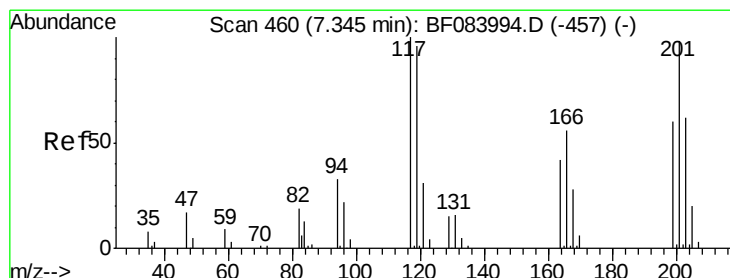
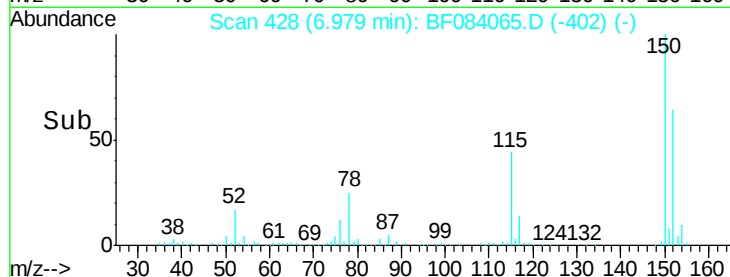
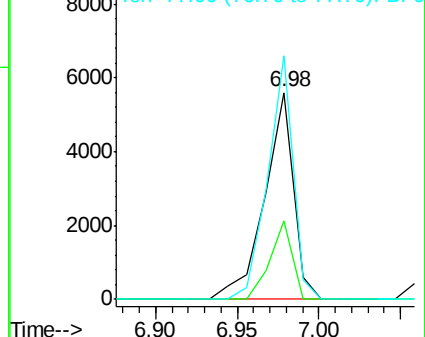
77 117.6 50.0 75.0#



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: 21.00 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.05 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

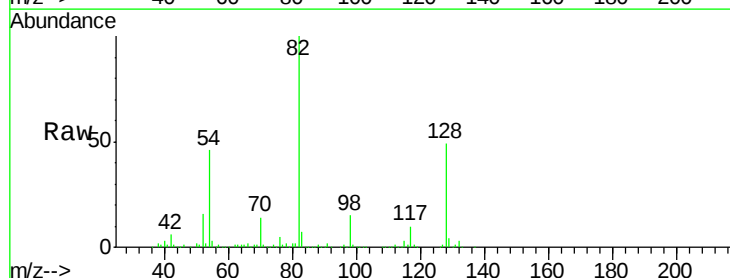
Tgt Ion: 117 Resp: 30659

Ion Ratio Lower Upper

117 100

119 2.5 77.4 116.0#

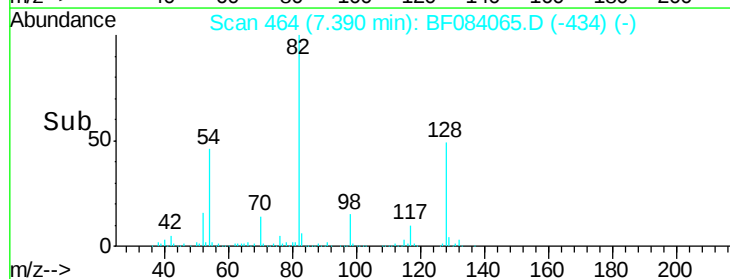
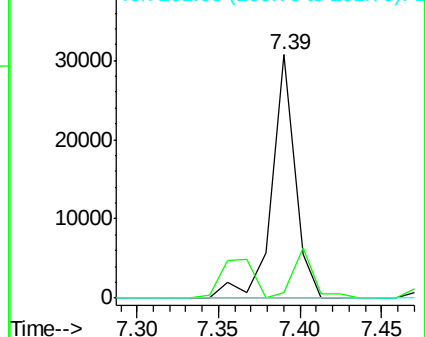
201 0.0 68.6 103.0#

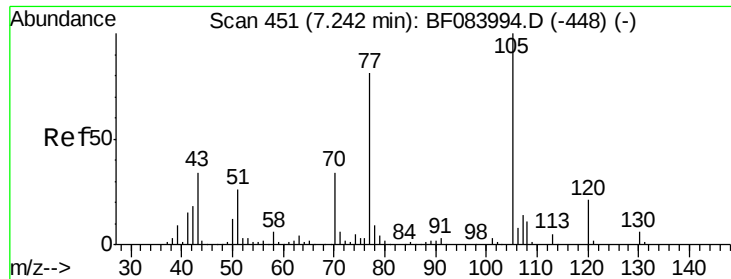


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

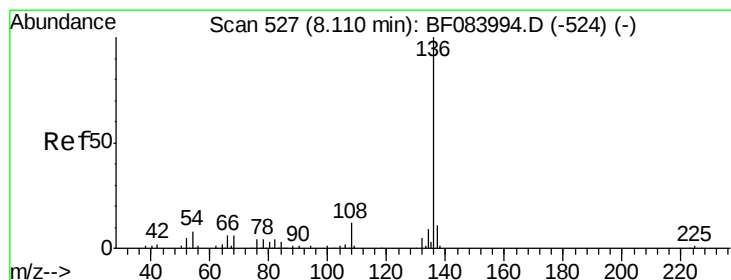
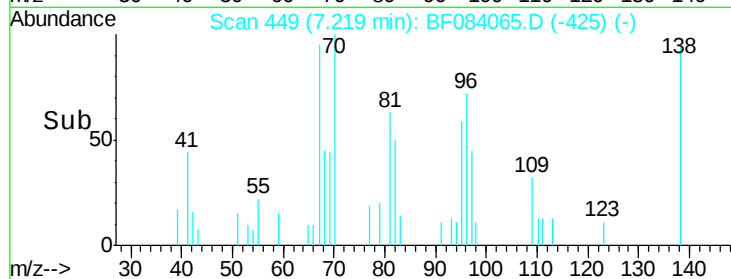
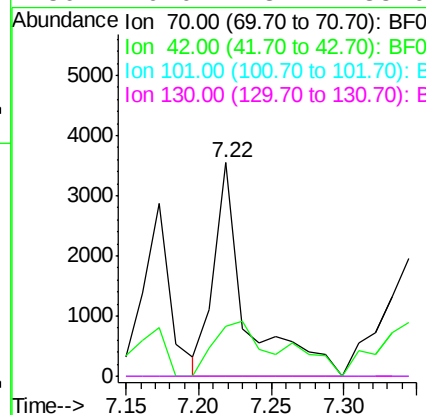
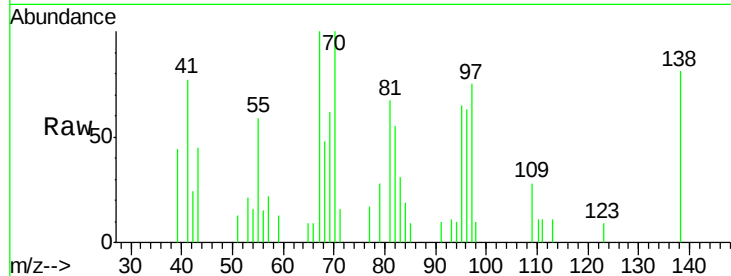




#19
n-Nitroso-di-n-propylamine
Concen: 2.42 ng
RT: 7.22 min Scan# 449
Delta R.T. -0.02 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

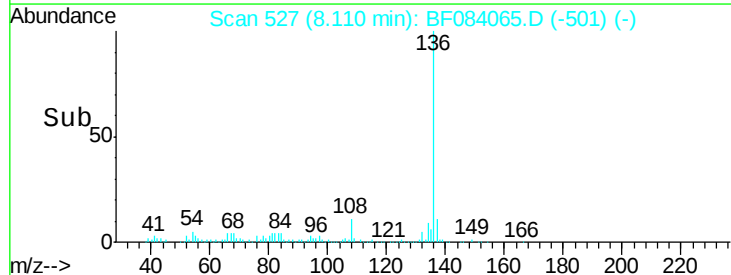
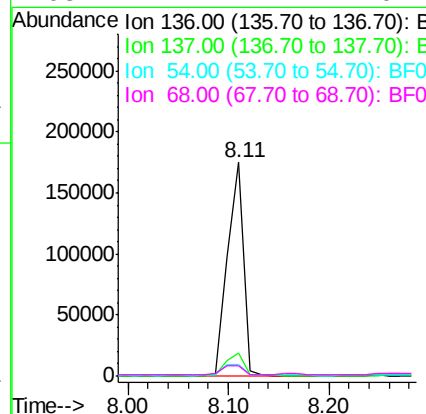
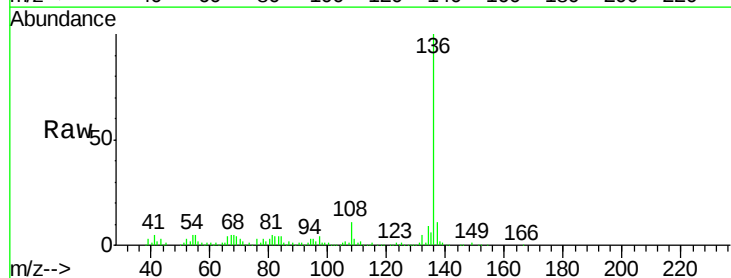
Instrument :
BNA_F
ClientSampled :
MW-15

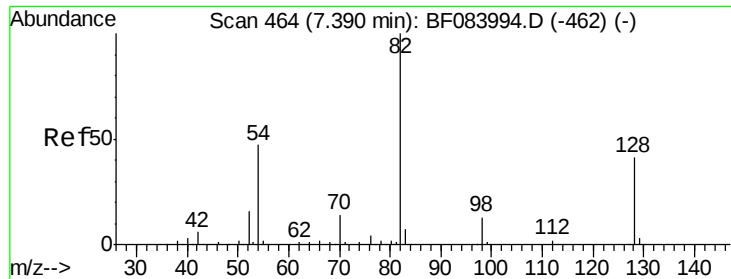
Tgt Ion: 70 Resp: 5494
Ion Ratio Lower Upper
70 100
42 23.6 33.3 49.9#
101 0.0 9.3 13.9#
130 0.0 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Tgt Ion: 136 Resp: 193695
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 5.3 5.8 8.8#
68 4.7 4.2 6.2

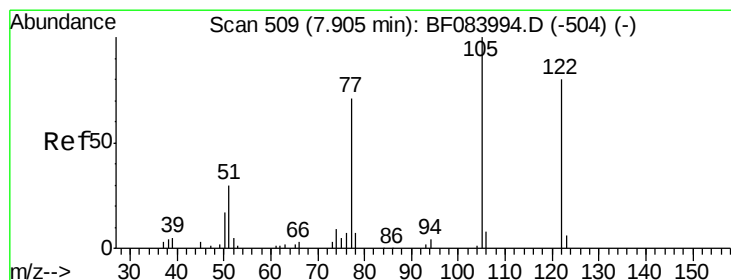
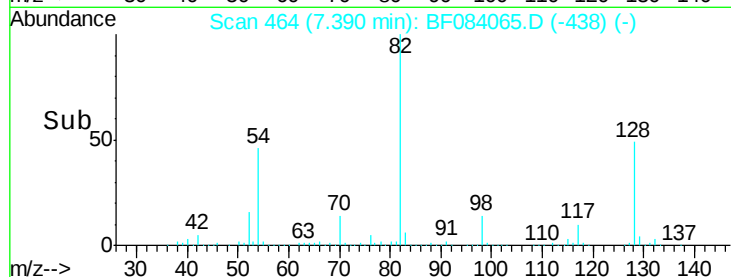
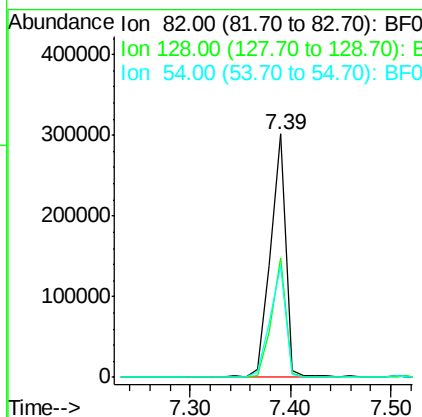
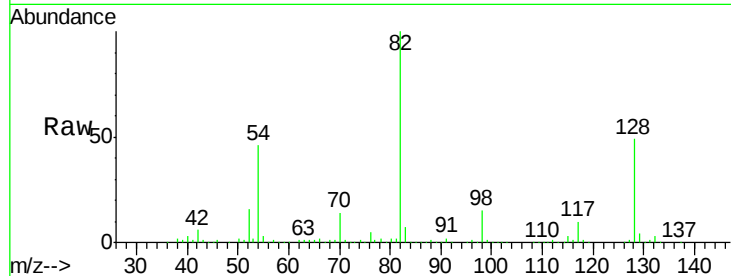




#23
 Nitrobenzene-d5
 Concen: 100.77 ng
 RT: 7.39 min Scan# 464
 Delta R.T. -0.00 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

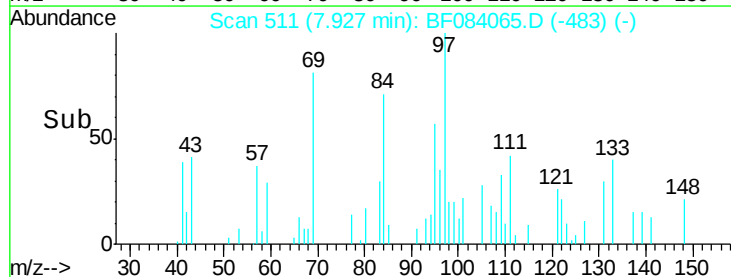
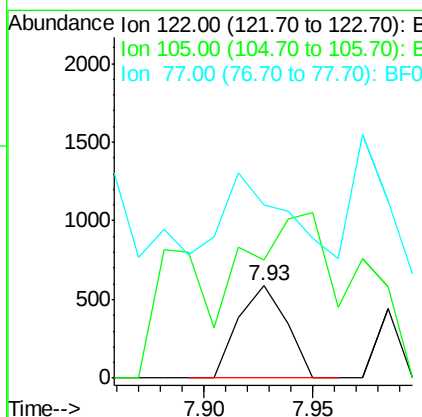
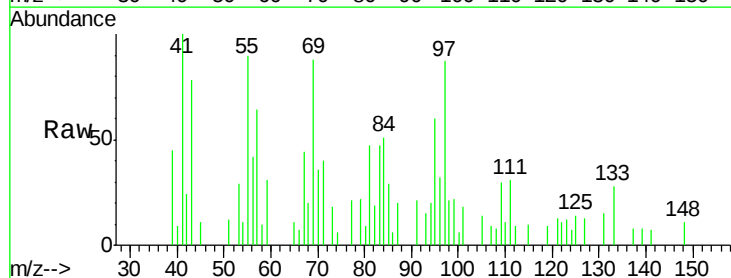
Instrument :
 BNA_F
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 MW-15

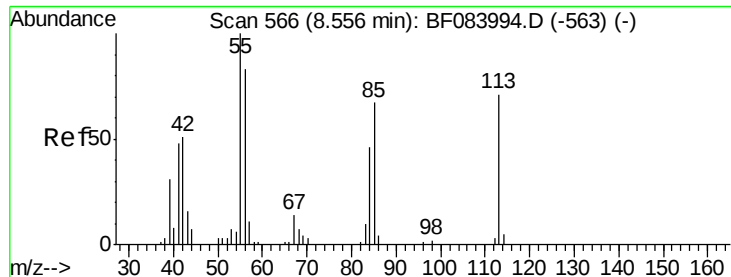
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.0	34.6	51.8
54	45.7	38.4	57.6



#32
 Benzoic acid
 Concen: 5.85 ng
 RT: 7.93 min Scan# 511
 Delta R.T. 0.02 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.6	100.3	140.3
77	187.9	63.5	103.5#

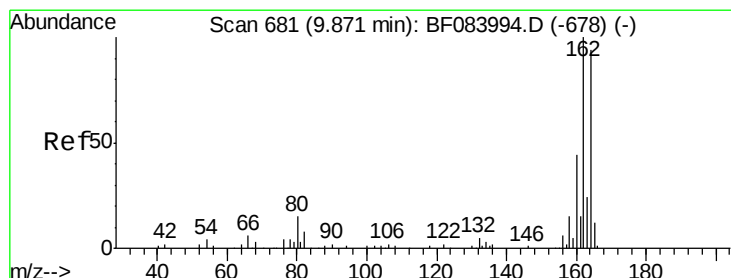
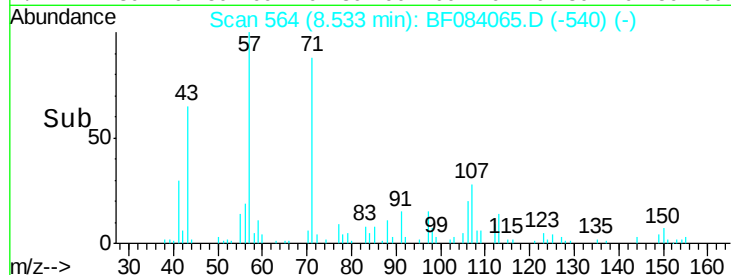
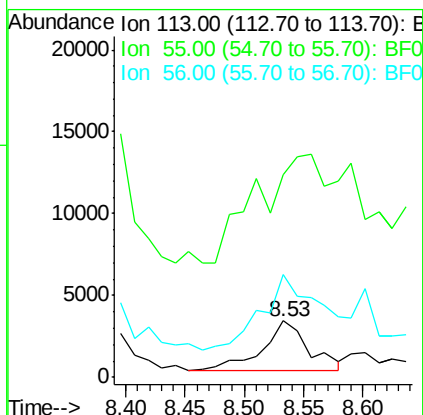
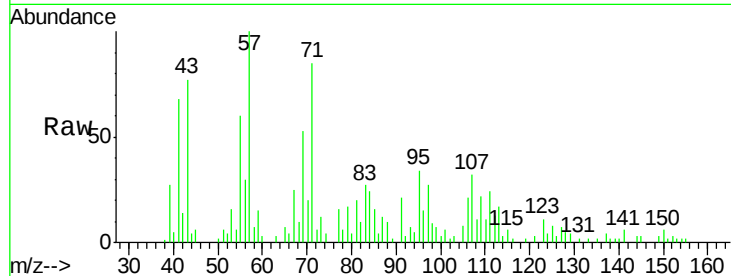




#35
 Caprolactam
 Concen: 9.77 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.02 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

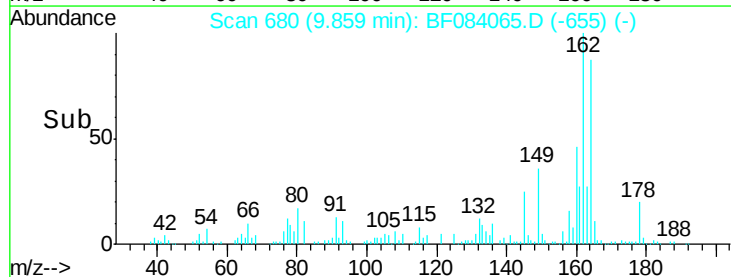
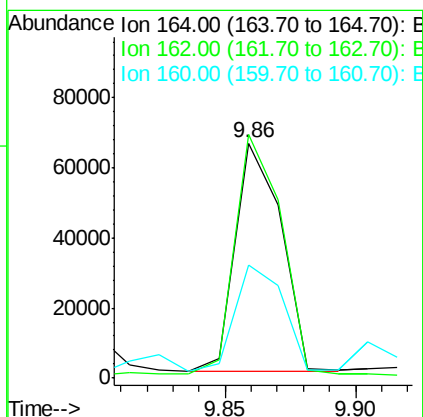
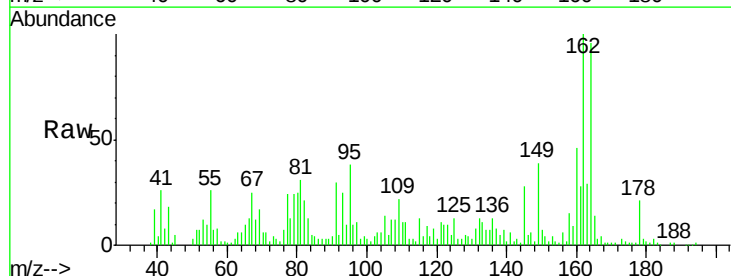
Instrument :
 BNA_F
 ClientSampleId :
 MW-15

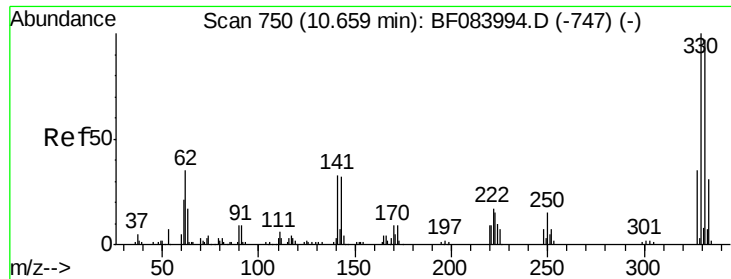
Tgt Ion:113 Resp: 7998
 Ion Ratio Lower Upper
 113 100
 55 357.8 116.9 156.9#
 56 181.5 93.8 133.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion:164 Resp: 80670
 Ion Ratio Lower Upper
 164 100
 162 103.7 85.1 127.7
 160 48.0 37.5 56.3

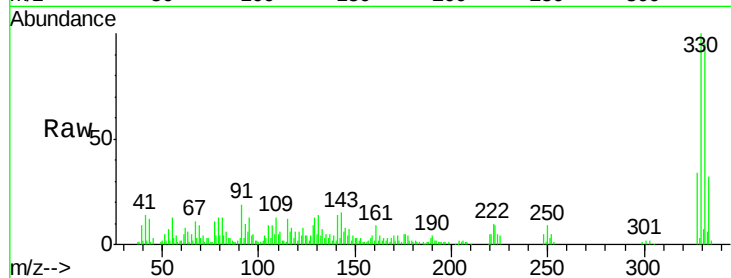




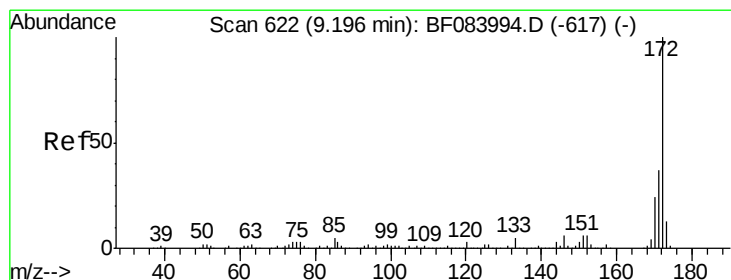
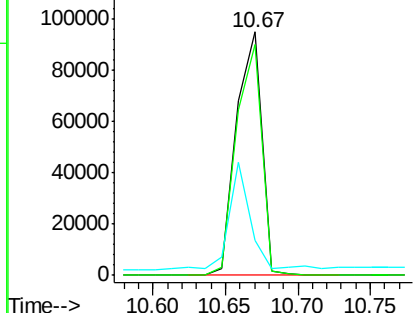
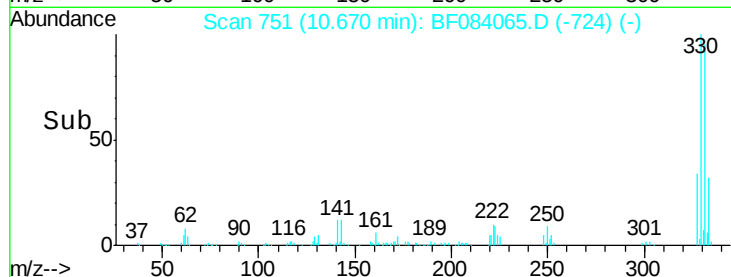
#41
 2,4,6-Tribromophenol
 Concen: 148.92 ng
 RT: 10.67 min Scan# 751
 Delta R.T. 0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-15

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	114.8
141	36.6	27.8	41.6

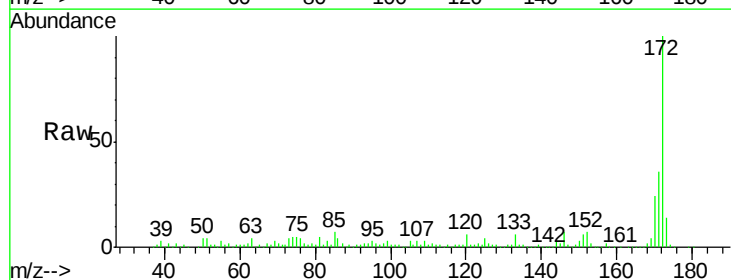


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

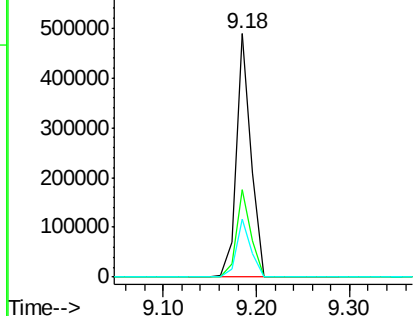
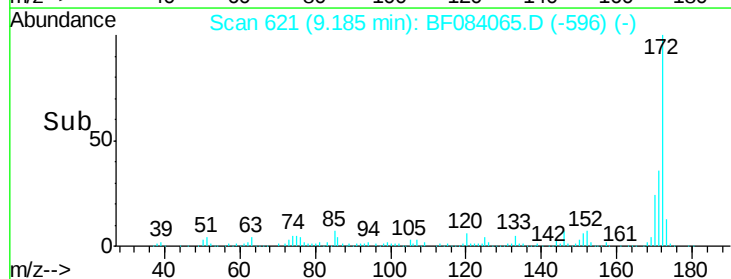


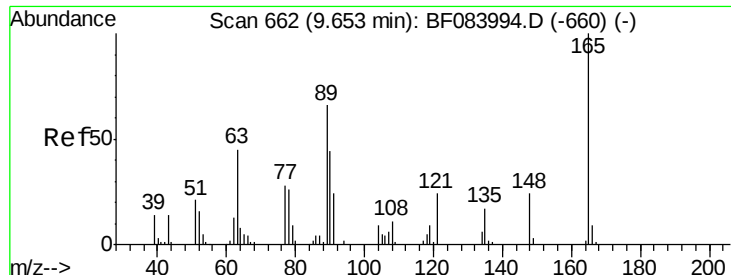
#44
 2-Fluorobiphenyl
 Concen: 88.96 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.9	43.3
170	23.7	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

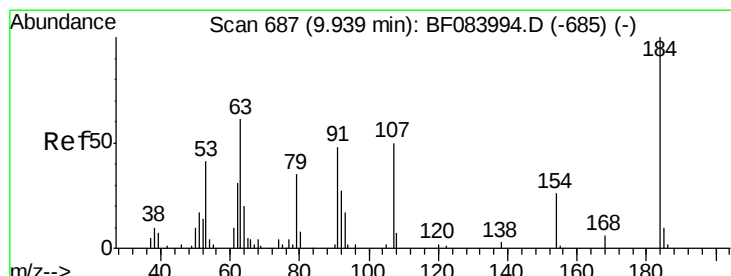
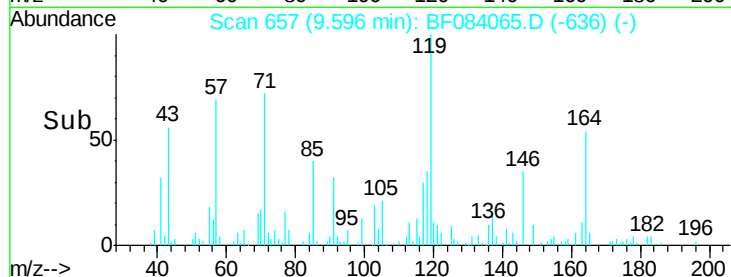
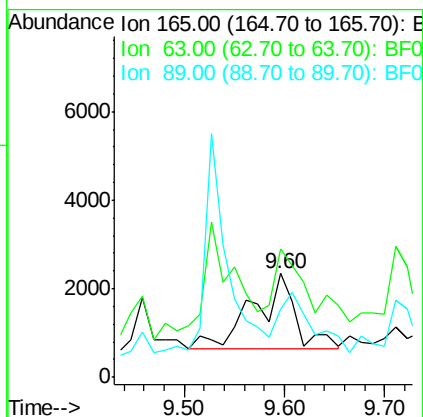
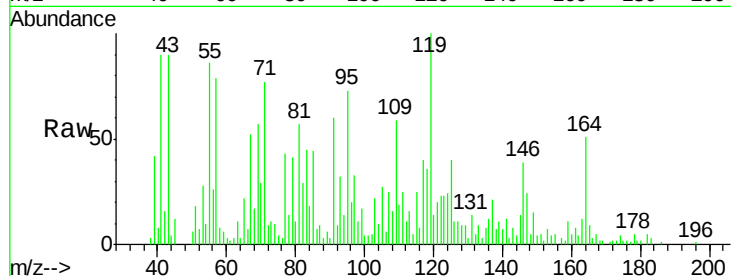




#50
2,6-Dinitrotoluene
Concen: 3.69 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.06 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

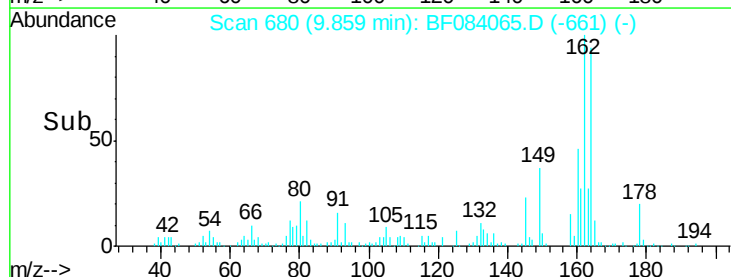
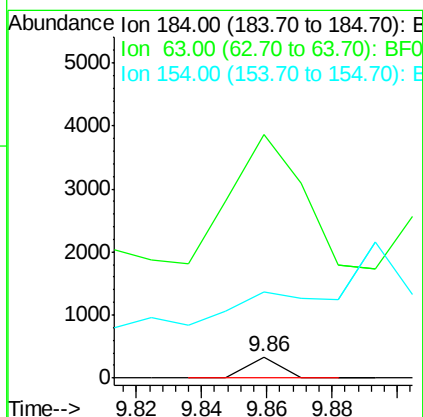
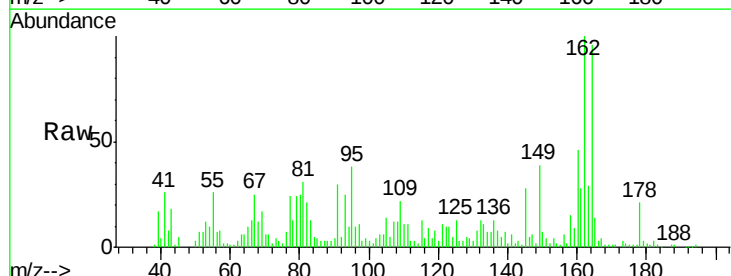
Instrument :
BNA_F
ClientSampleId :
MW-15

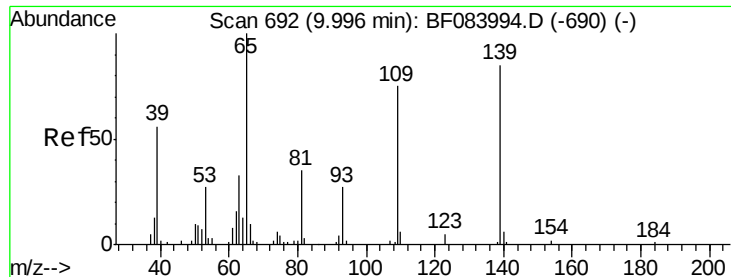
Tgt Ion:165 Resp: 4914
Ion Ratio Lower Upper
165 100
63 124.0 28.8 43.2#
89 66.1 35.1 52.7#



#53
2,4-Dinitrophenol
Concen: 8.37 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.08 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Tgt Ion:184 Resp: 229
Ion Ratio Lower Upper
184 100
63 1156.0 43.1 64.7#
154 406.9 60.5 90.7#

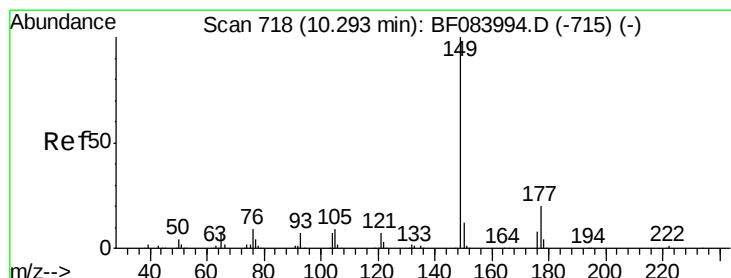
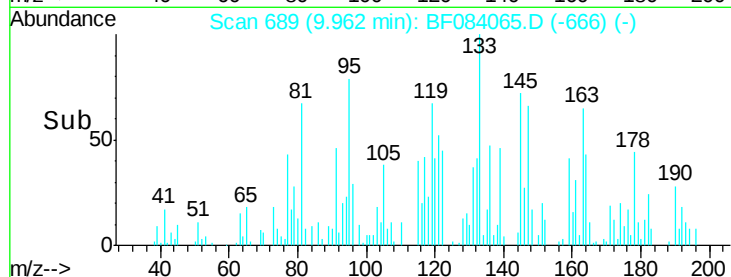
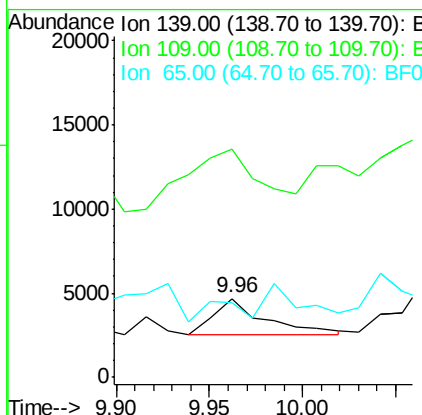
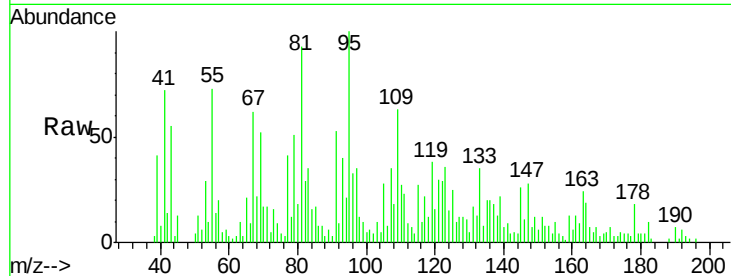




#55
4-Nitrophenol
Concen: 5.08 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.03 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

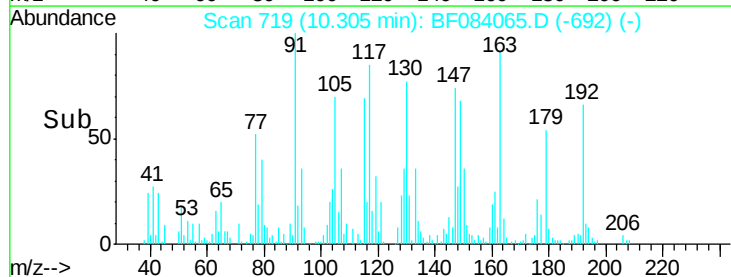
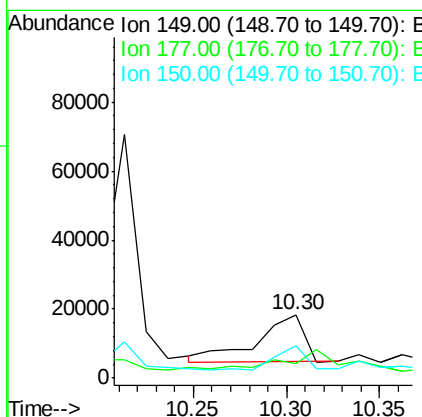
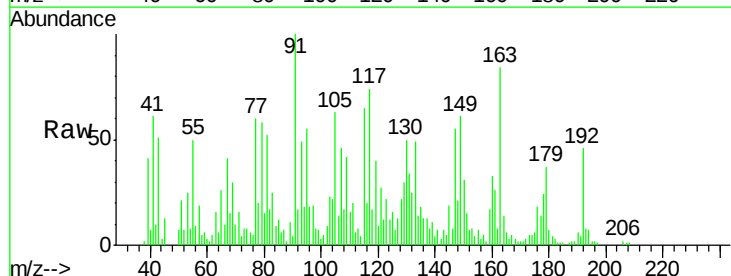
Instrument :
BNA_F
ClientSampled :
MW-15

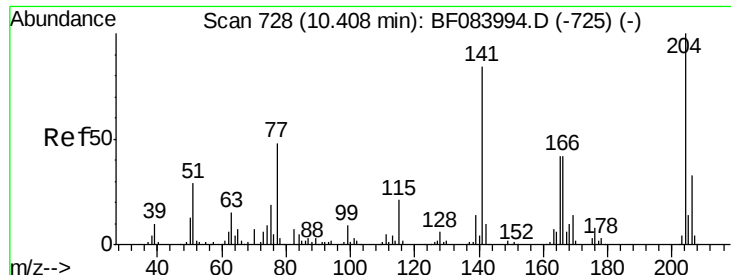
Tgt Ion:139 Resp: 4225
Ion Ratio Lower Upper
139 100
109 291.4 58.5 98.5#
65 95.7 57.6 97.6



#59
Diethylphthalate
Concen: 3.89 ng
RT: 10.30 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Tgt Ion:149 Resp: 24102
Ion Ratio Lower Upper
149 100
177 22.8 17.3 25.9
150 50.5 9.8 14.8#

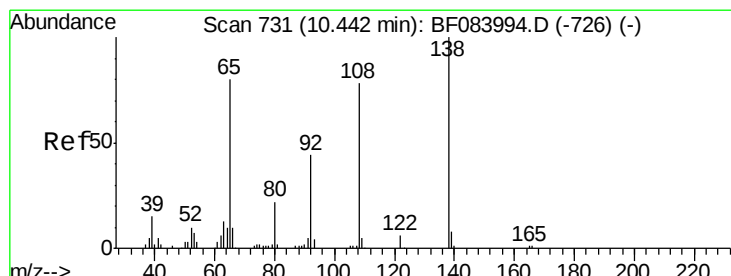
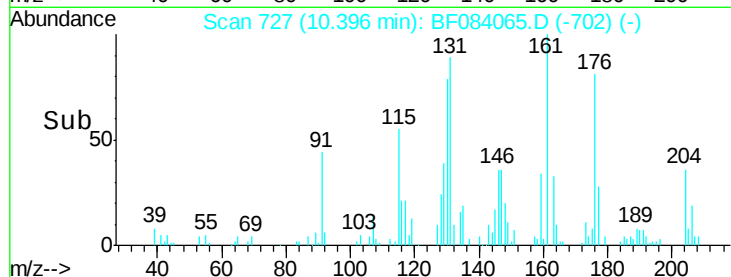
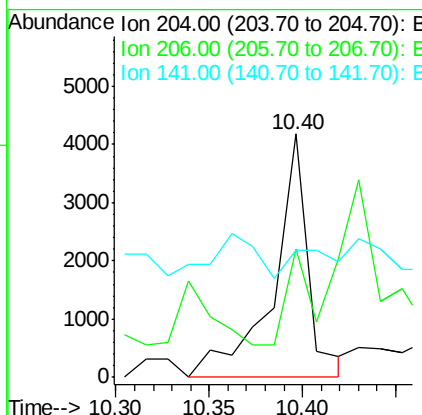
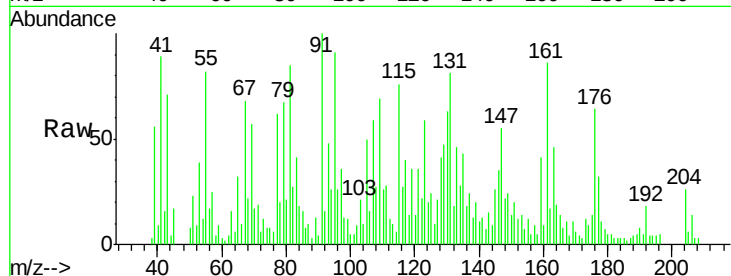




#60
 4-Chlorophenyl-phenylether
 Concen: 2.05 ng
 RT: 10.40 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

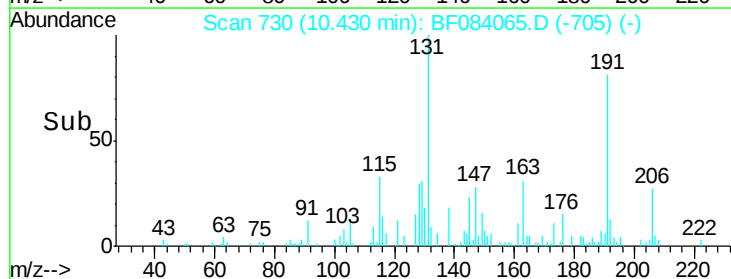
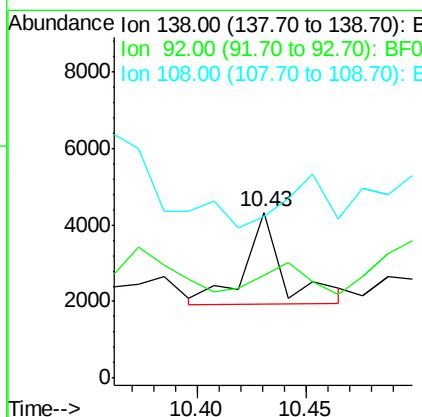
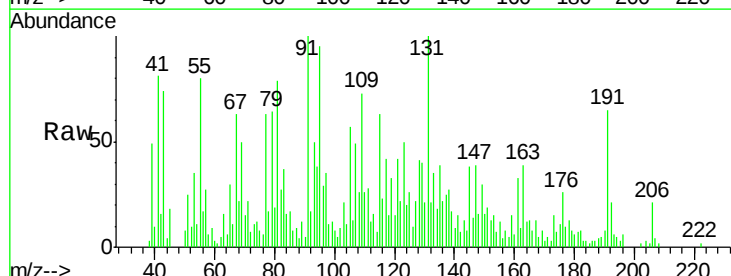
Instrument :
 BNA_F
 ClientSampled :
 MW-15

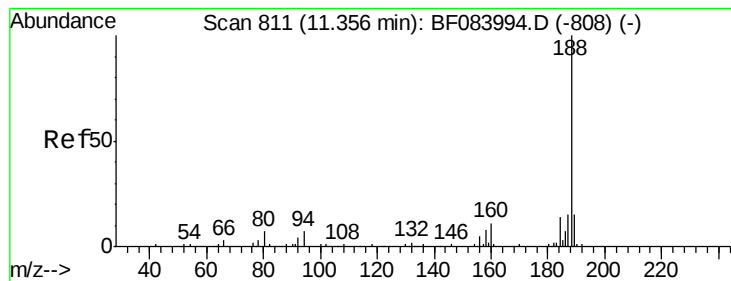
Tgt Ion:204 Resp: 5395
 Ion Ratio Lower Upper
 204 100
 206 52.6 25.7 38.5#
 141 52.0 55.1 82.7#



#61
 4-Nitroaniline
 Concen: 2.10 ng
 RT: 10.43 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BF084065.D
 Acq: 24 Dec 2015 6:10

Tgt Ion:138 Resp: 3038
 Ion Ratio Lower Upper
 138 100
 92 62.0 32.6 72.6
 108 97.6 68.6 108.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

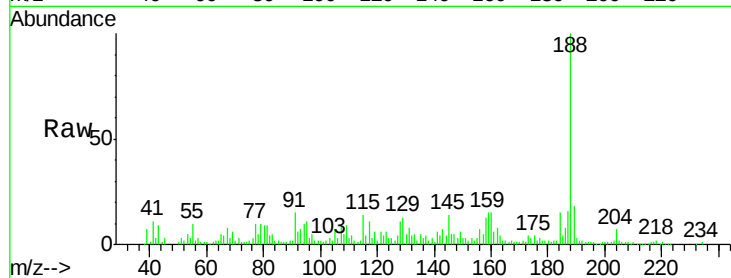
Tgt Ion:188 Resp: 119428

Ion Ratio Lower Upper

188 100

94 9.9 9.0 13.4

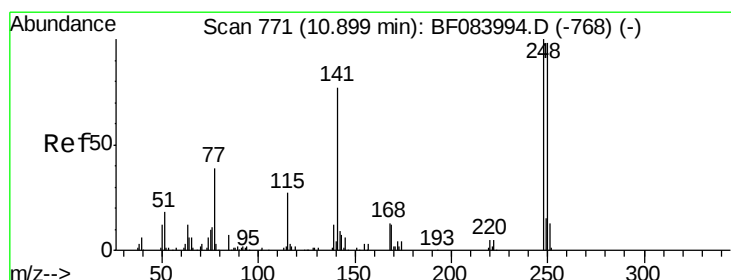
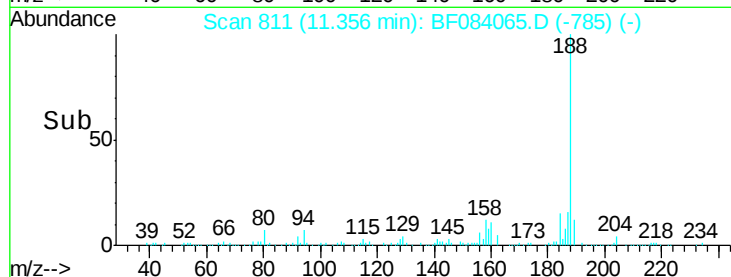
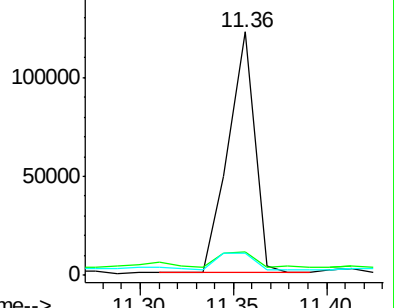
80 8.9 9.6 14.4#



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: 5.69 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.24 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

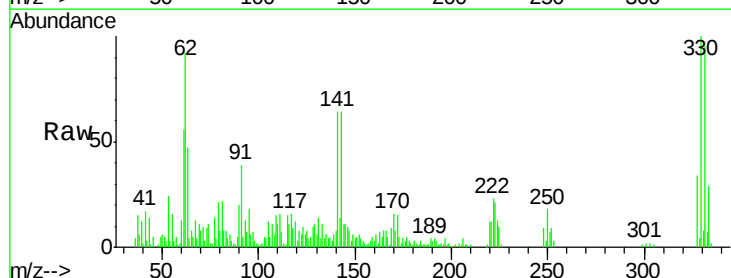
Tgt Ion:248 Resp: 7792

Ion Ratio Lower Upper

248 100

250 194.7 78.4 117.6#

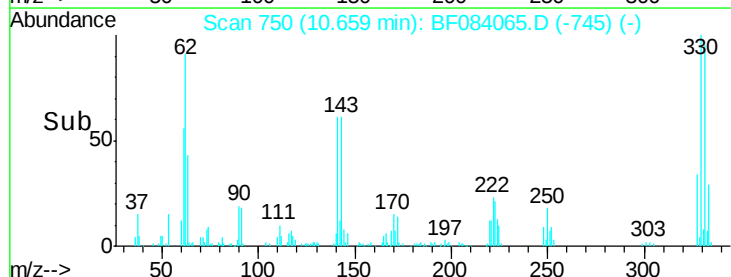
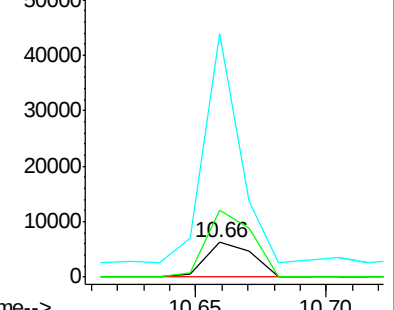
141 705.4 44.0 66.0#

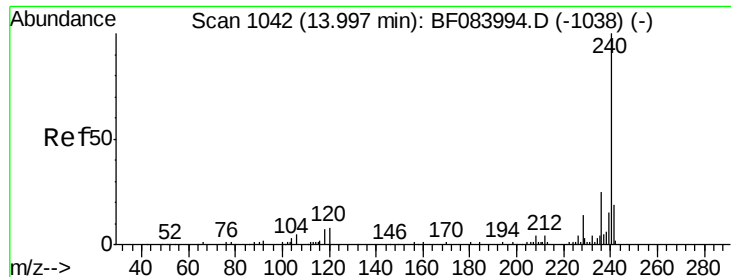


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF084065.D

Acq: 24 Dec 2015 6:10

Instrument :

BNA_F

ClientSampleId :

MW-15

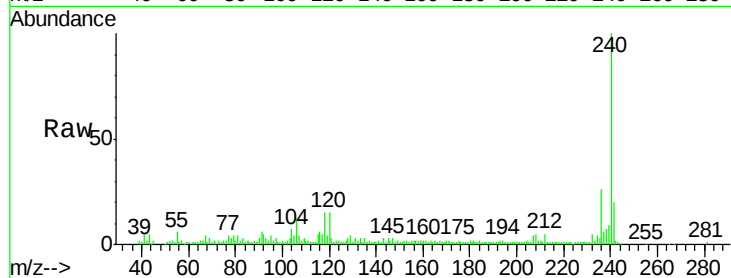
Tgt Ion:240 Resp: 91498

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

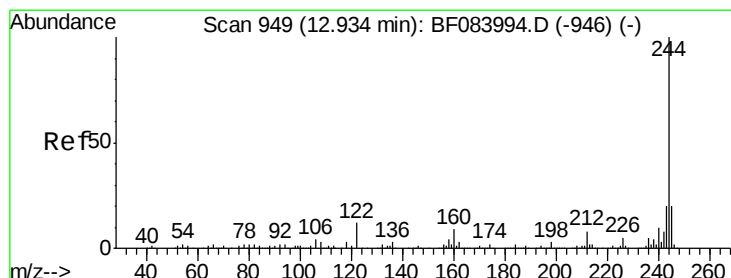
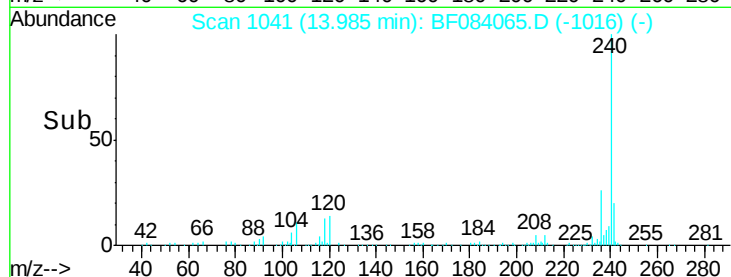
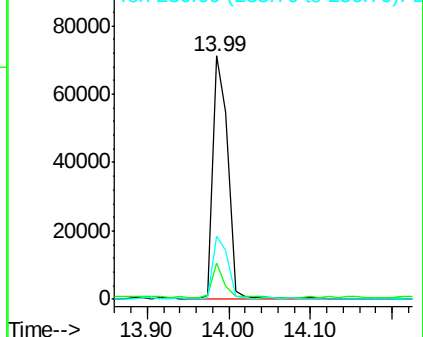
236 26.2 20.6 31.0



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: 75.70 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF084065.D

Acq: 24 Dec 2015 6:10

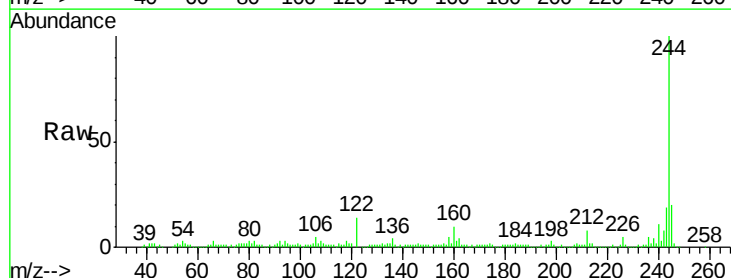
Tgt Ion:244 Resp: 290458

Ion Ratio Lower Upper

244 100

212 8.0 5.7 8.5

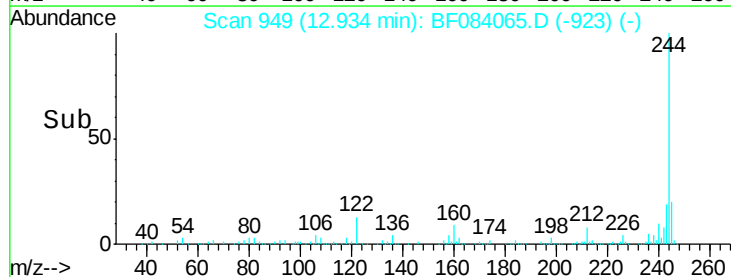
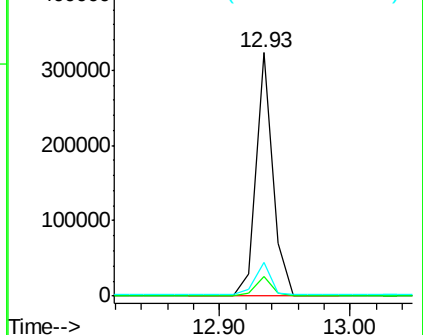
122 13.8 7.4 11.0#

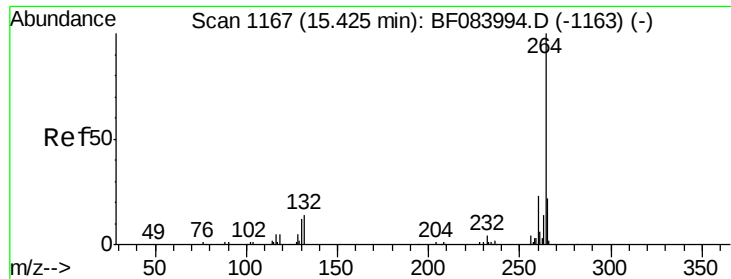


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.41 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF084065.D
Acq: 24 Dec 2015 6:10

Instrument :
BNA_F
ClientSampleId :
MW-15

Tgt Ion: 264 Resp: 84711
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 23.0 17.8 26.6

