

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
 Data File : BF084101.D
 Acq On : 25 Dec 2015 1:43
 Operator : UM/SJ
 Sample : G4934-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115

Quant Time: Dec 25 05:50:40 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	48159	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	186457	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	92037	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	156284	20.00	ng	0.00
75) Chrysene-d12	13.95	240	118201	20.00	ng	-0.01
86) Perylene-d12	15.38	264	91128	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	176635	62.18	ng	0.00
7) Phenol-d6	6.45	99	119662	34.04	ng	0.00
23) Nitrobenzene-d5	7.37	82	262559	82.43	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	122932	125.25	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	558227	82.99	ng	0.00
78) Terphenyl-d14	12.90	244	419507	64.22	ng	0.00

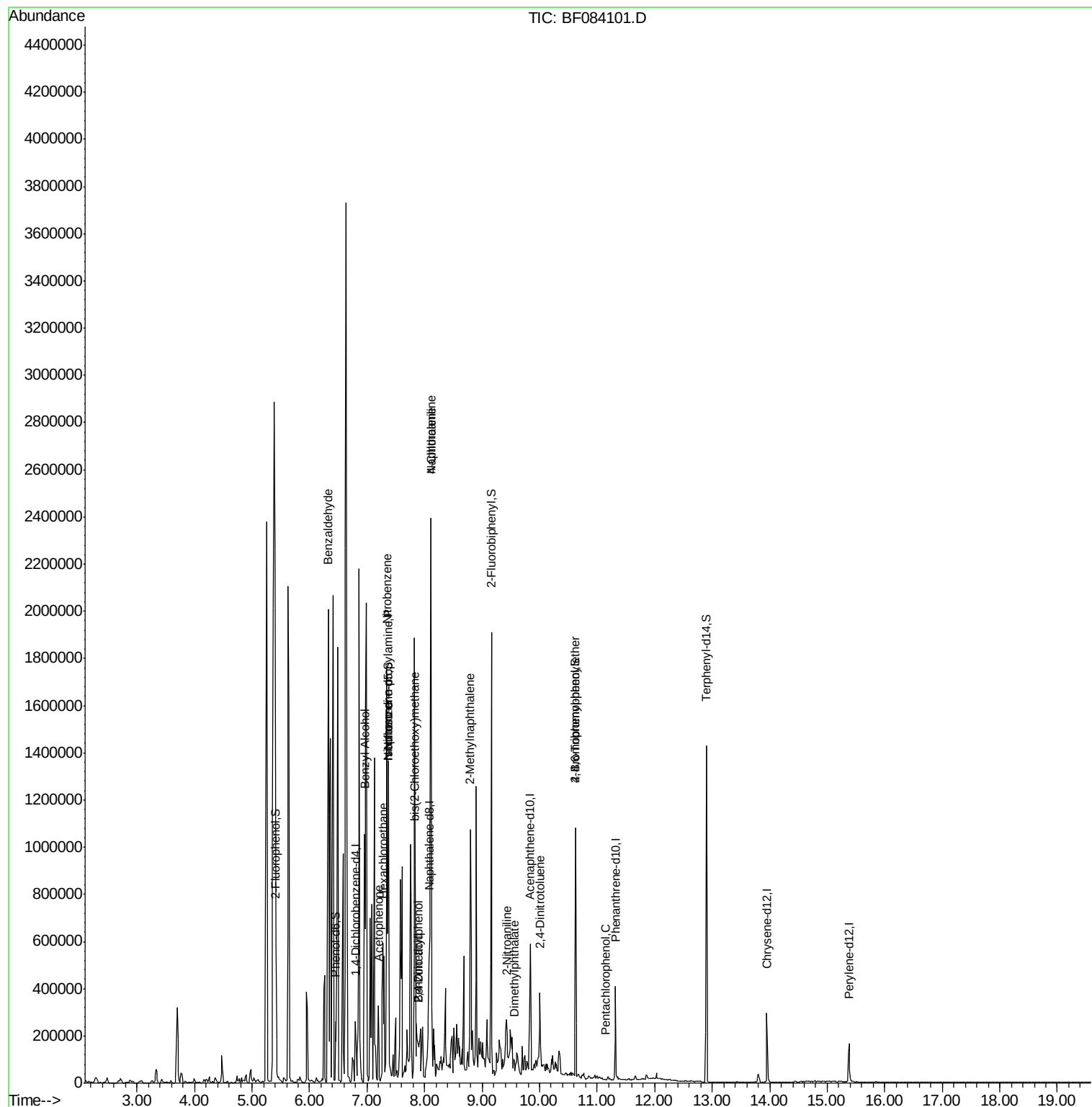
Target Compounds						Qvalue
9) Benzaldehyde	6.33	77	104225	55.45	ng	# 1
15) Benzyl Alcohol	6.96	79	10607	3.98	ng	# 47
18) Hexachloroethane	7.28	117	41539	29.37	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	36822	17.01	ng	# 83
22) Acetophenone	7.20	105	139057	29.85	ng	# 55
24) Nitrobenzene	7.34	77	82589	24.42	ng	# 21
25) Isophorone	7.37	82	221602	37.61	ng	# 66
27) 2,4-Dimethylphenol	7.89	122	9497	3.31	ng	# 86
28) bis(2-Chloroethoxy)methane	7.84	93	8225	2.39	ng	# 1
31) Naphthalene	8.11	128	1165346	117.47	ng	# 98
32) Benzoic acid	7.89	122	9497	6.89	ng	# 62
33) 4-Chloroaniline	8.11	127	178398	45.19	ng	# 35
37) 2-Methylnaphthalene	8.80	142	317949	51.20	ng	# 96
47) 2-Nitroaniline	9.42	65	7894	4.70	ng	# 29
49) Dimethylphthalate	9.56	163	23937	3.14	ng	# 87
56) 2,4-Dinitrotoluene	10.01	165	4464	2.09	ng	# 50
66) 4-Bromophenyl-phenylether	10.62	248	8562	4.73	ng	# 1
69) Pentachlorophenol	11.14	266	237	8.06	ng	# 18
74) Fluoranthene	12.53	202	3308	Below	Cal	# 92

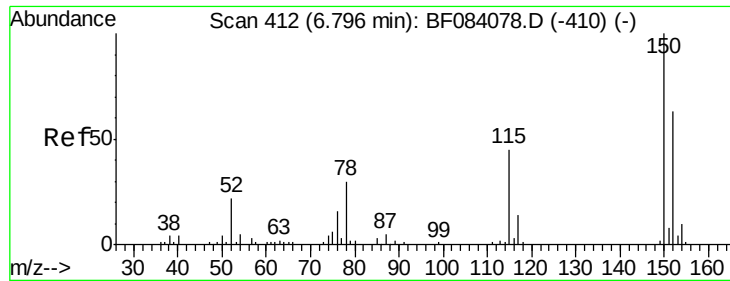
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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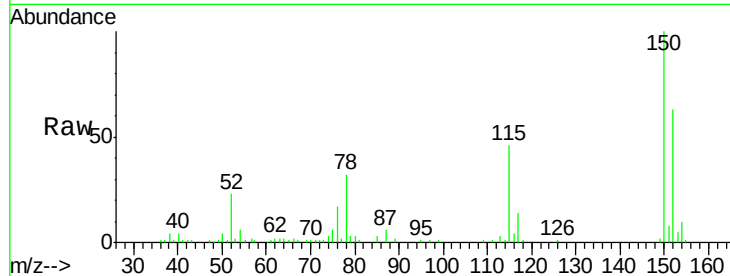


#1

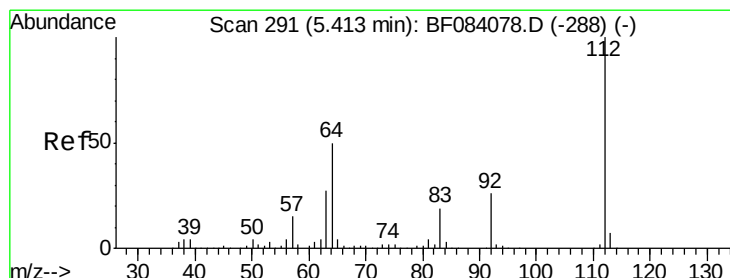
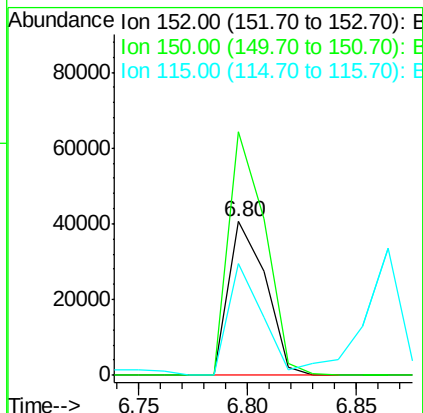
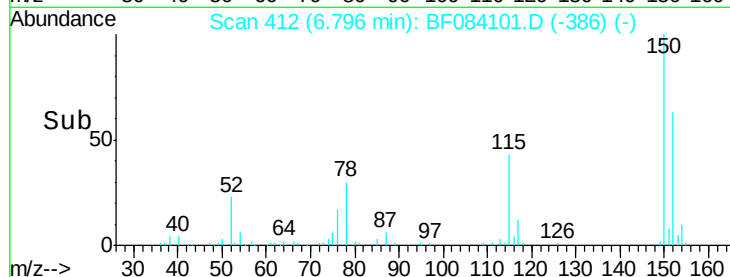
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.80 min Scan# 412
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion:152 Resp: 48159
Ion Ratio Lower Upper
152 100
150 158.1 123.0 184.4
115 72.7 51.4 77.2



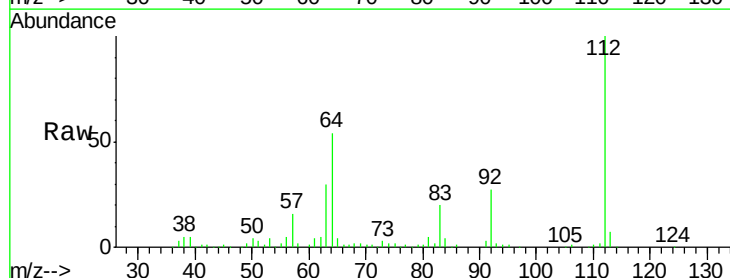
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



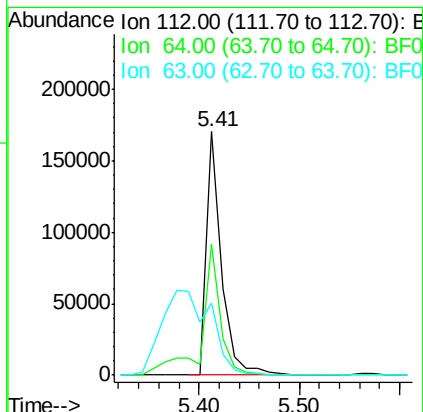
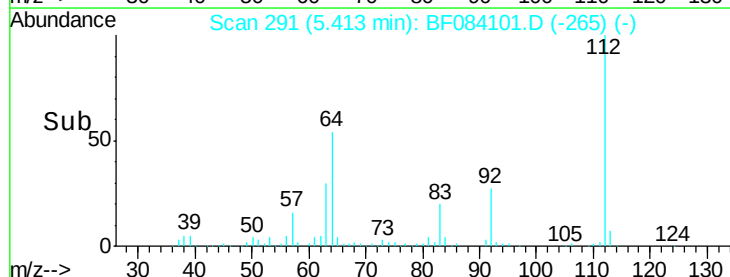
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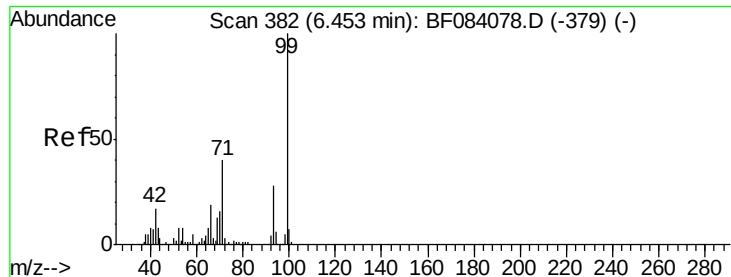
2-Fluorophenol
Concen: 62.18 ng
RT: 5.41 min Scan# 291
Delta R.T. 0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:112 Resp: 176635
Ion Ratio Lower Upper
112 100
64 53.9 36.6 55.0
63 29.7 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: 34.04 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.00 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

Instrument :

BNA_F

ClientSampleId :

MW-2-122115

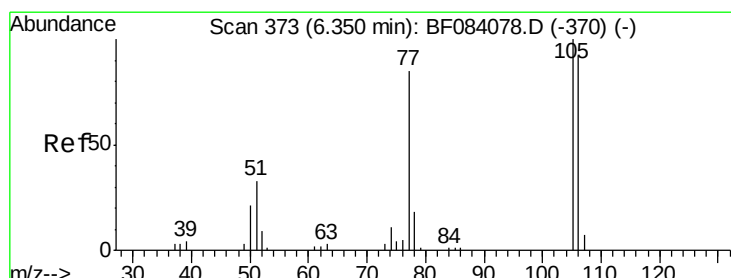
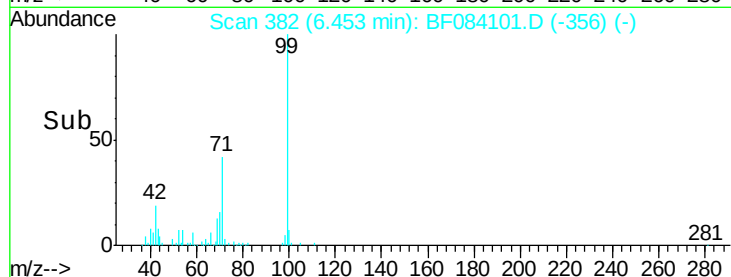
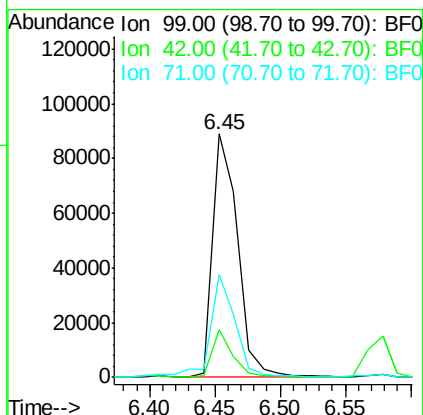
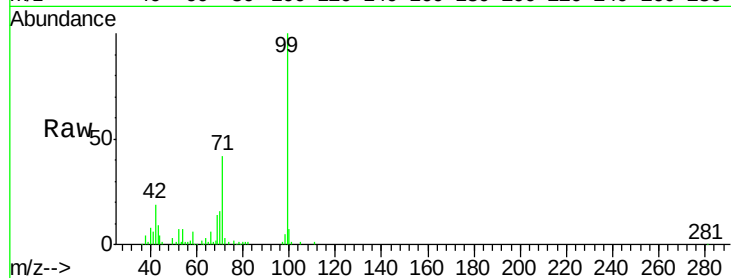
Tgt Ion: 99 Resp: 119662

Ion Ratio Lower Upper

99 100

42 19.4 12.8 19.2#

71 42.2 30.9 46.3



#9

Benzaldehyde

Concen: 55.45 ng

RT: 6.33 min Scan# 371

Delta R.T. -0.02 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

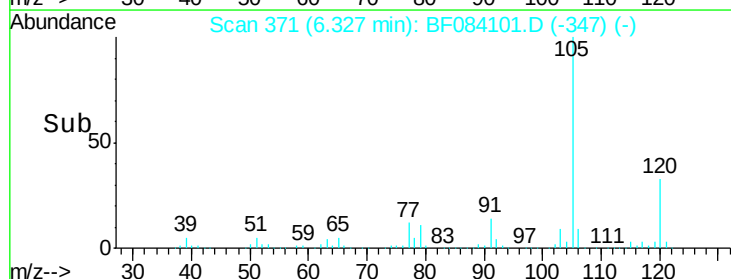
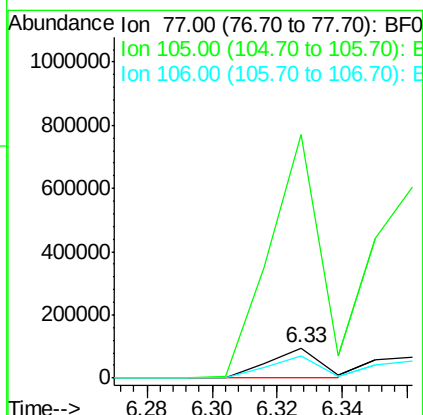
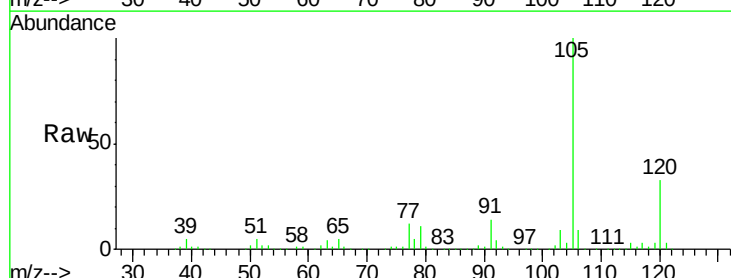
Tgt Ion: 77 Resp: 104225

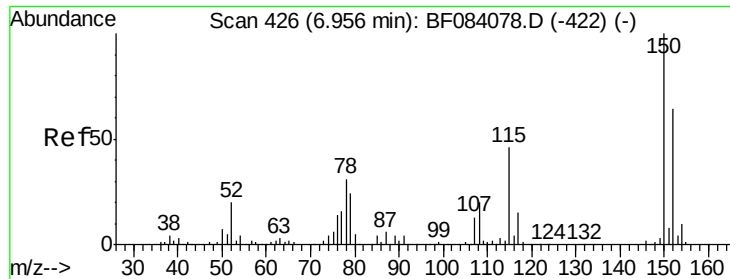
Ion Ratio Lower Upper

77 100

105 801.1 83.0 123.0#

106 73.3 74.6 114.6#

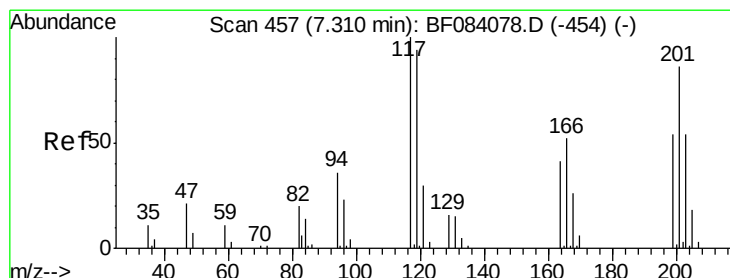
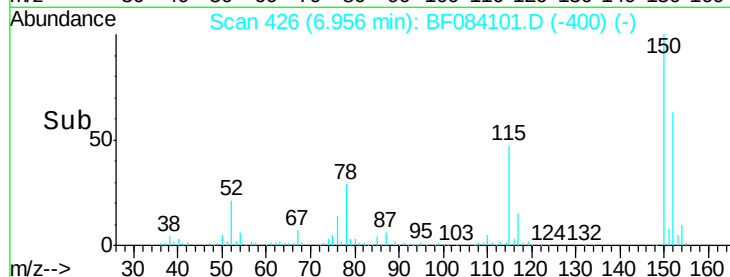
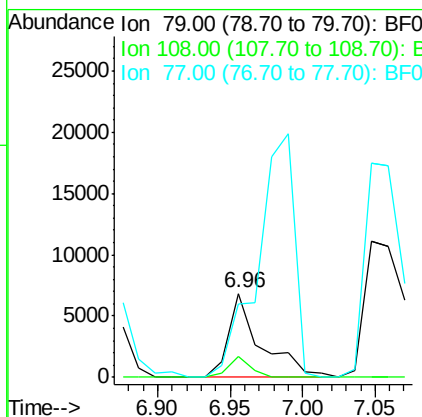
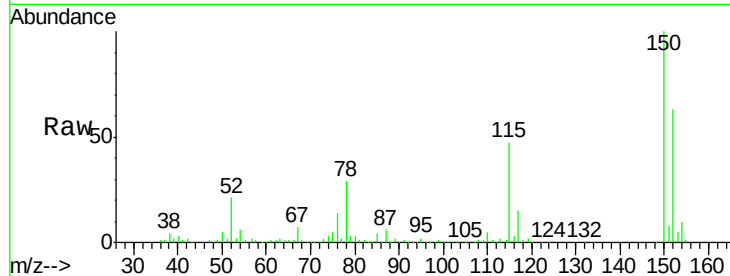




#15
Benzyl Alcohol
Concen: 3.98 ng
RT: 6.96 min Scan# 426
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

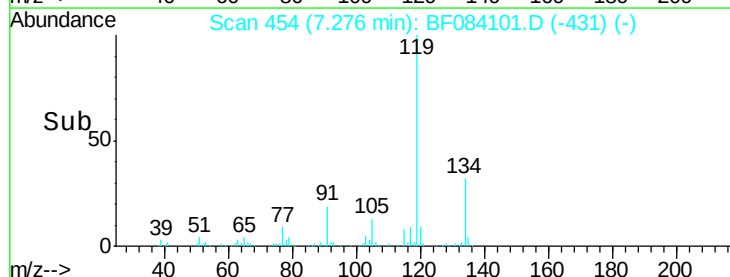
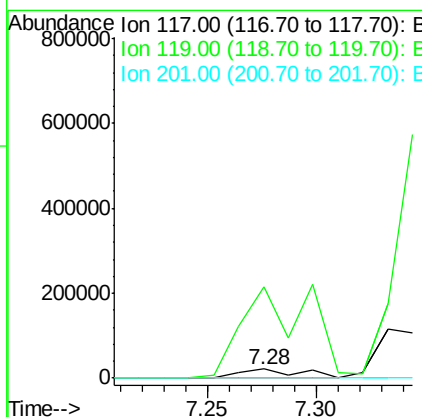
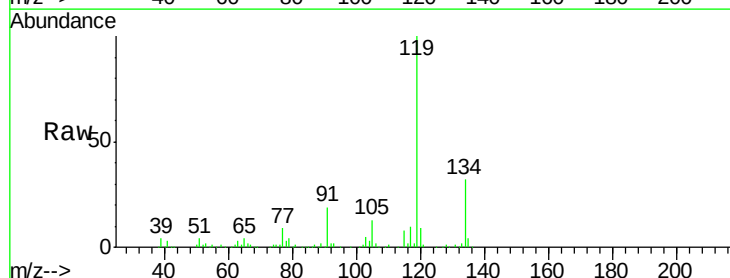
Instrument :
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ClientSampleId :
MW-2-122115

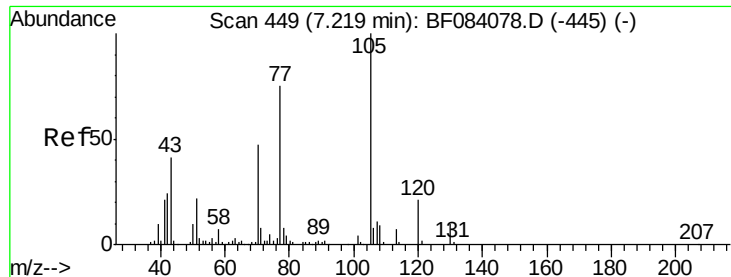
Tgt Ion: 79 Resp: 10607
Ion Ratio Lower Upper
79 100
108 24.3 69.0 103.4#
77 87.5 50.0 75.0#



#18
Hexachloroethane
Concen: 29.37 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.03 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion: 117 Resp: 41539
Ion Ratio Lower Upper
117 100
119 1030.4 77.4 116.0#
201 0.0 68.6 103.0#

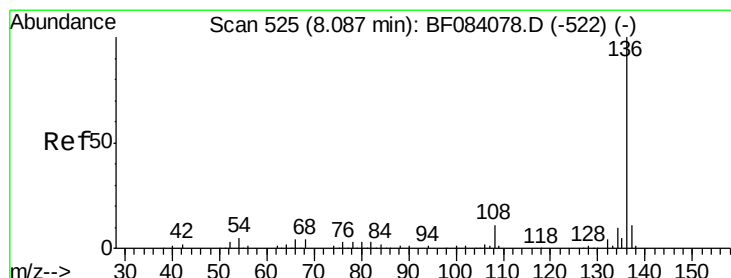
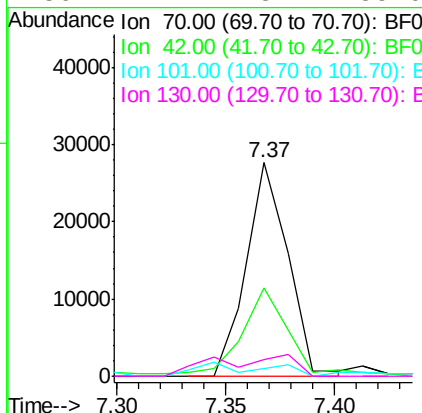
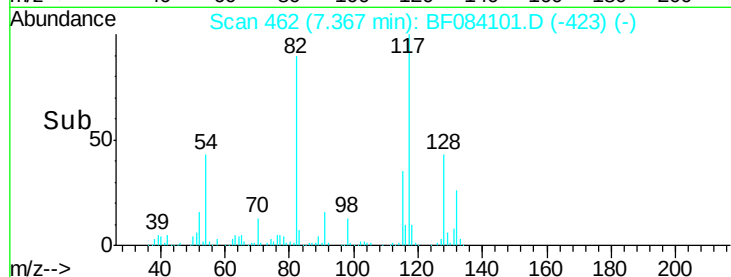
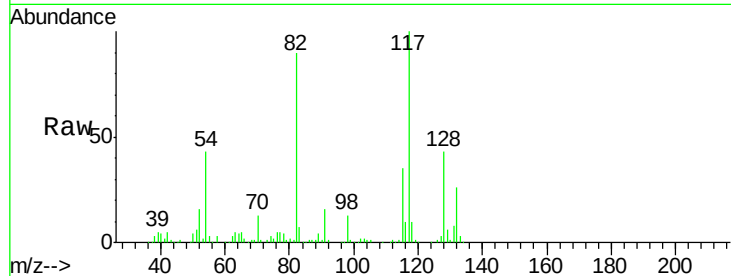




#19
n-Nitroso-di-n-propylamine
Concen: 17.01 ng
RT: 7.37 min Scan# 462
Delta R.T. 0.15 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

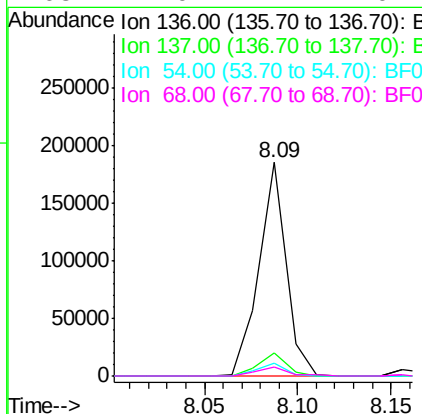
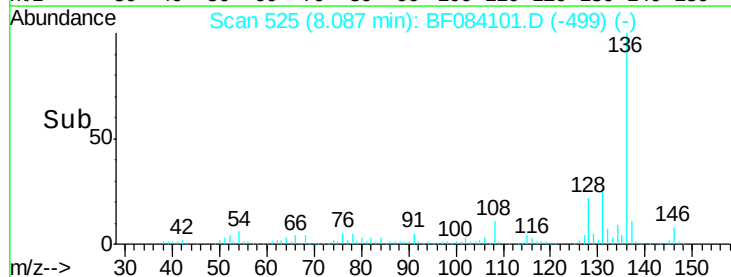
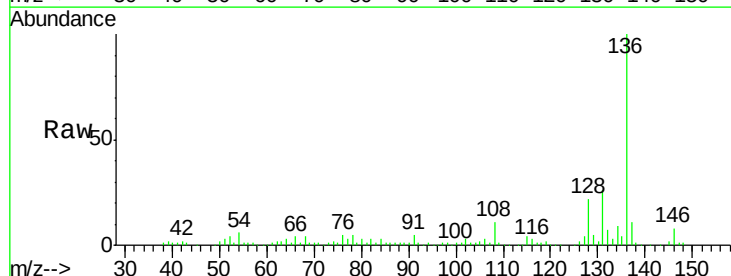
Instrument :
BNA_F
ClientSampleId :
MW-2-122115

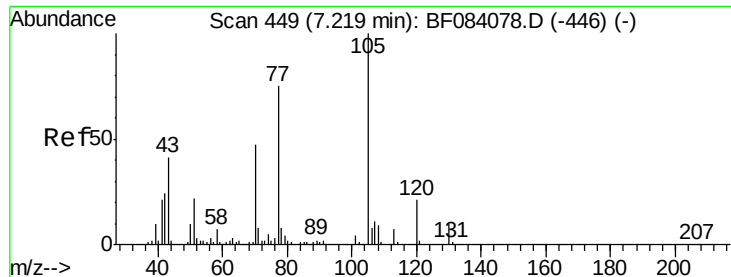
Tgt Ion: 70 Resp: 36822
Ion Ratio Lower Upper
70 100
42 41.6 33.3 49.9
101 3.4 9.3 13.9#
130 7.7 23.4 35.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion: 136 Resp: 186457
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 5.7 5.8 8.8#
68 4.0 4.2 6.2#

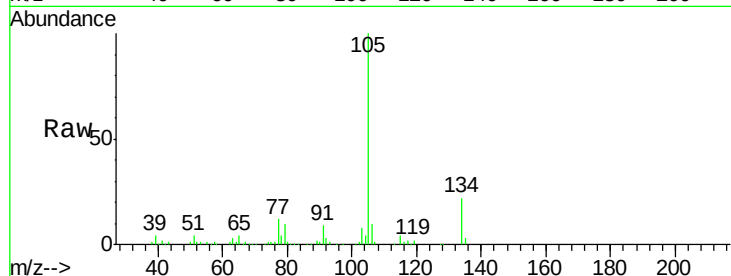




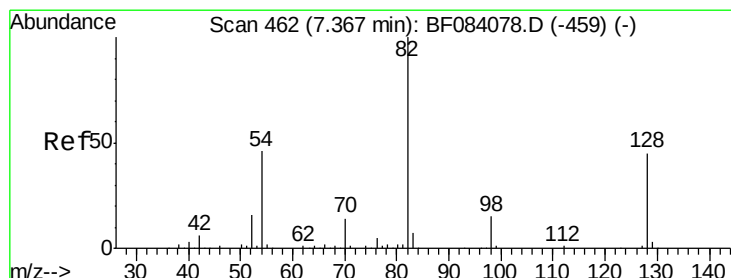
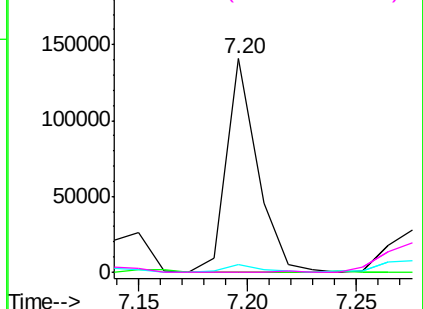
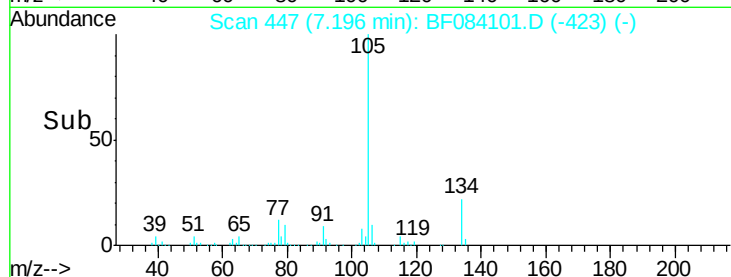
#22
Acetophenone
Concen: 29.85 ng
RT: 7.20 min Scan# 447
Delta R.T. -0.02 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Instrument :
BNA_F
ClientSampleId :
MW-2-122115

Tgt Ion: 105 Resp: 139057
Ion Ratio Lower Upper
105 100
71 0.0 3.7 5.5#
51 3.6 25.1 37.7#
120 0.0 16.6 25.0#

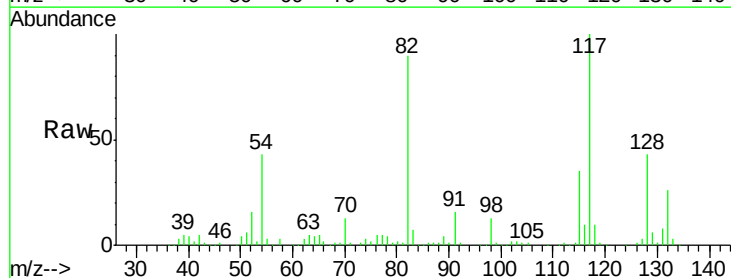


Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

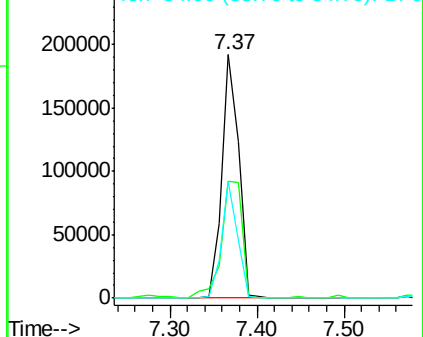
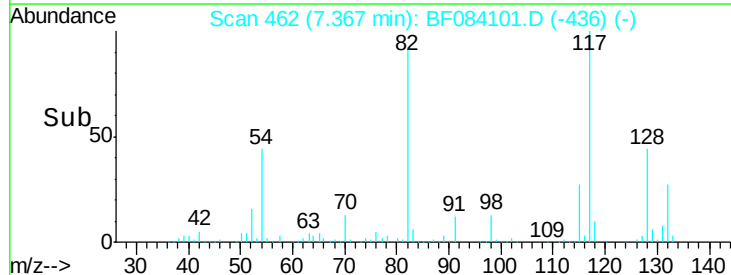


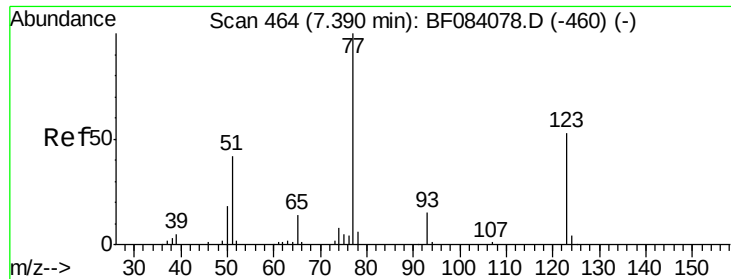
#23
Nitrobenzene-d5
Concen: 82.43 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion: 82 Resp: 262559
Ion Ratio Lower Upper
82 100
128 47.9 34.6 51.8
54 48.0 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





#24

Nitrobenzene

Concen: 24.42 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.05 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

Instrument :

BNA_F

ClientSampleId :

MW-2-122115

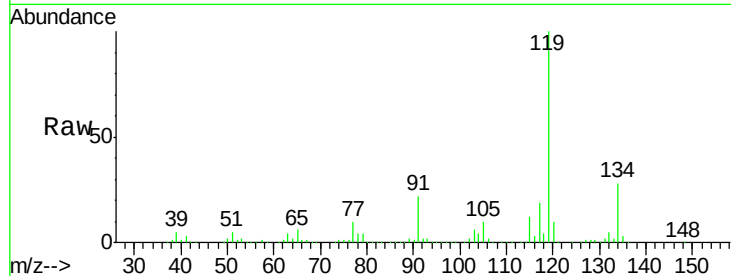
Tgt Ion: 77 Resp: 82589

Ion Ratio Lower Upper

77 100

123 0.0 37.4 56.2#

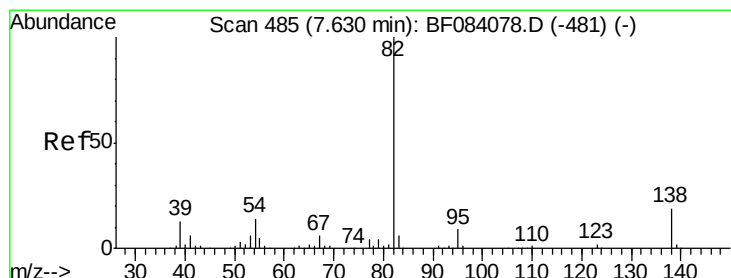
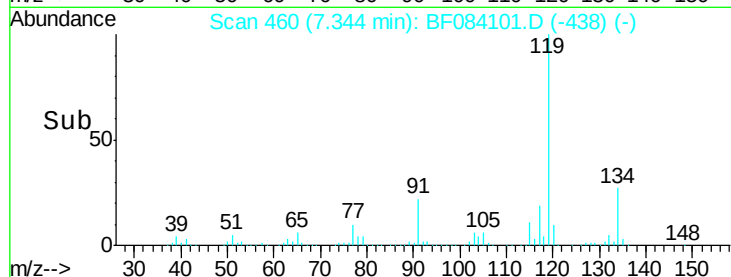
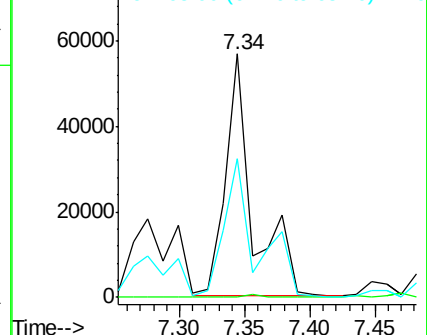
65 57.2 10.9 16.3#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 37.61 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.26 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

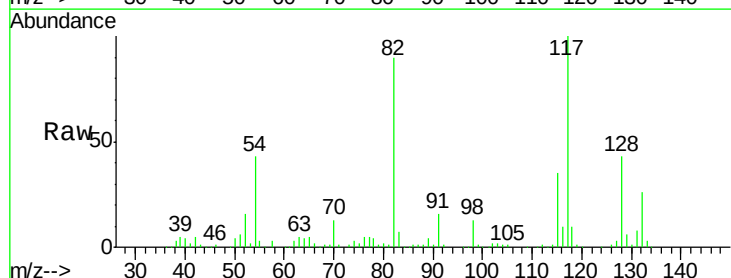
Tgt Ion: 82 Resp: 221602

Ion Ratio Lower Upper

82 100

95 0.0 6.6 10.0#

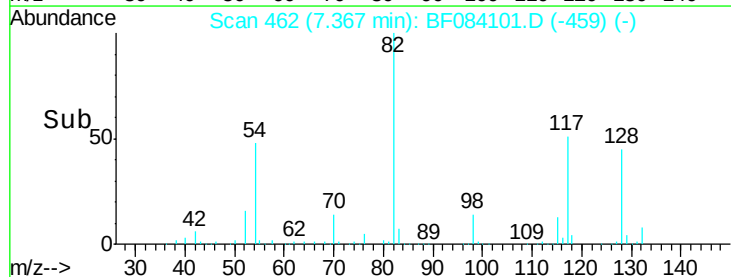
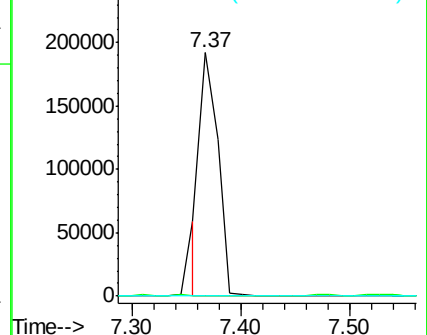
138 0.0 13.6 20.4#

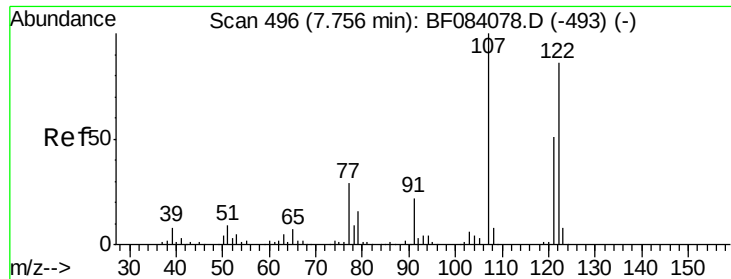


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

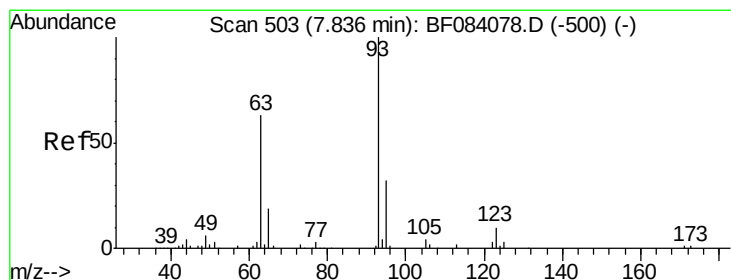
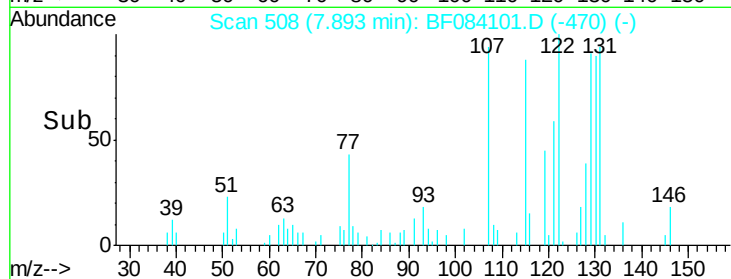
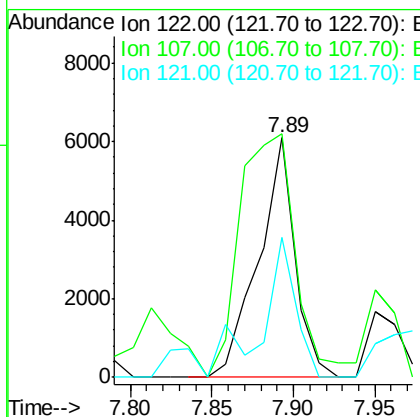
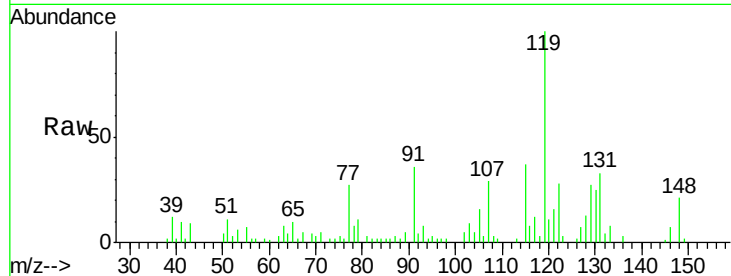




#27
 2,4-Dimethylphenol
 Concen: 3.31 ng
 RT: 7.89 min Scan# 508
 Delta R.T. 0.14 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

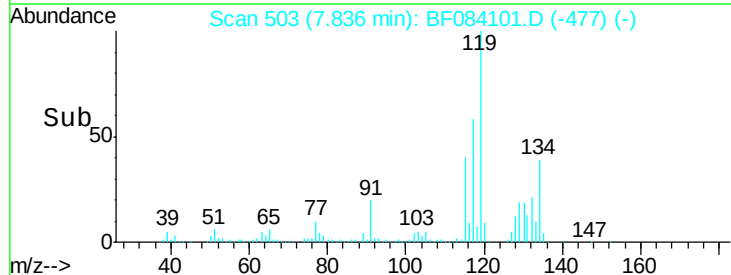
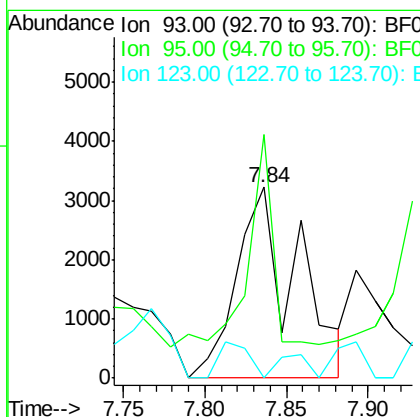
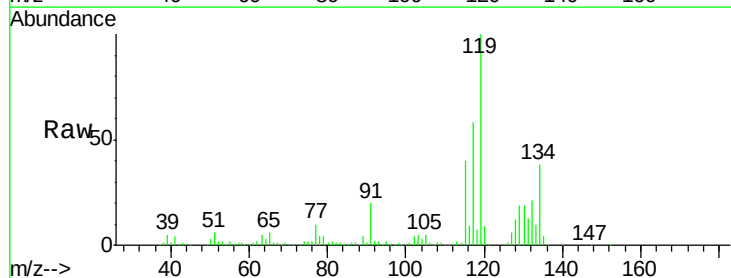
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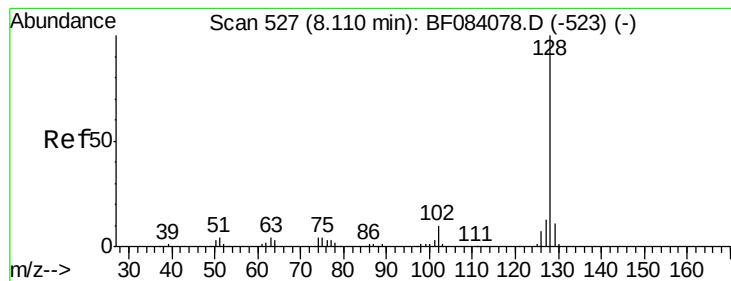
Tgt Ion:122 Resp: 9497
 Ion Ratio Lower Upper
 122 100
 107 101.8 99.1 148.7
 121 58.5 47.9 71.9



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.39 ng
 RT: 7.84 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Tgt Ion: 93 Resp: 8225
 Ion Ratio Lower Upper
 93 100
 95 127.6 25.8 38.6#
 123 0.0 8.6 12.8#





#31

Naphthalene

Concen: 117.47 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

Instrument :

BNA_F

ClientSampleId :

MW-2-122115

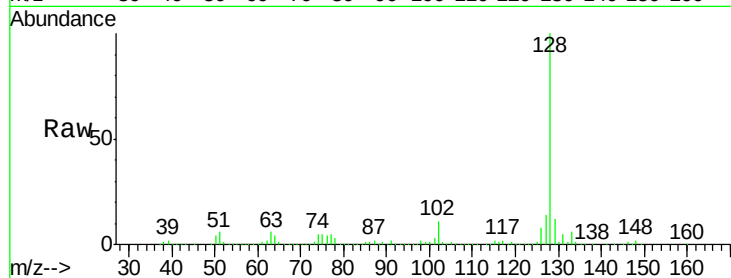
Tgt Ion:128 Resp: 1165346

Ion Ratio Lower Upper

128 100

129 12.3 9.1 13.7

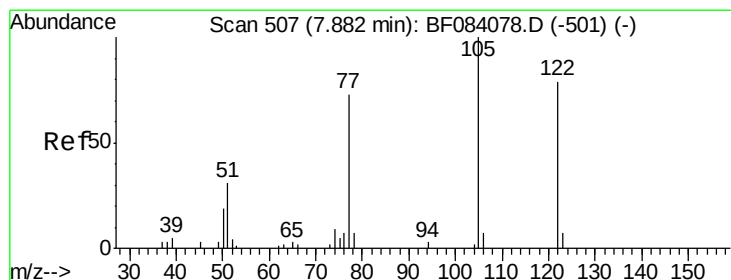
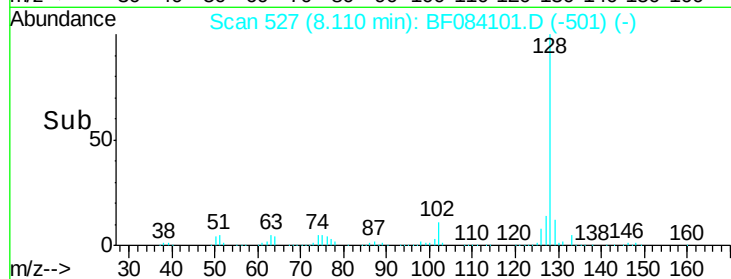
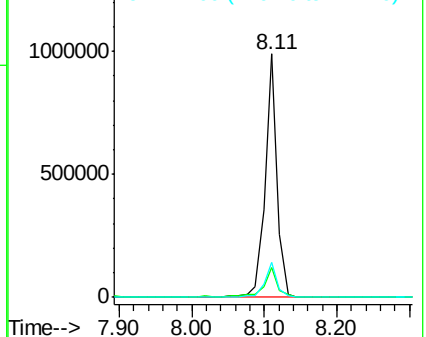
127 14.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 6.89 ng

RT: 7.89 min Scan# 508

Delta R.T. 0.01 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

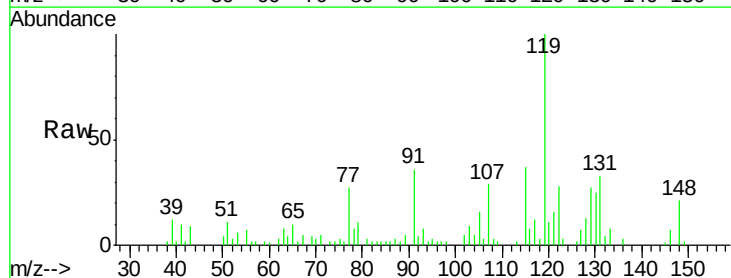
Tgt Ion:122 Resp: 9497

Ion Ratio Lower Upper

122 100

105 58.4 100.3 140.3#

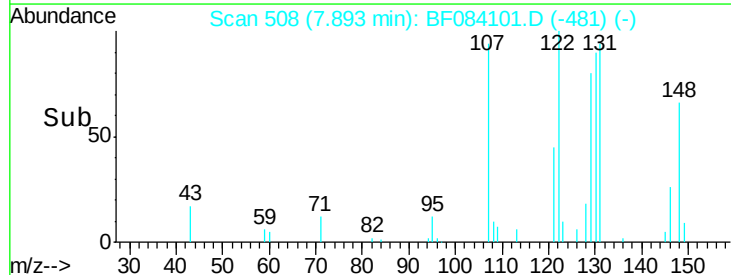
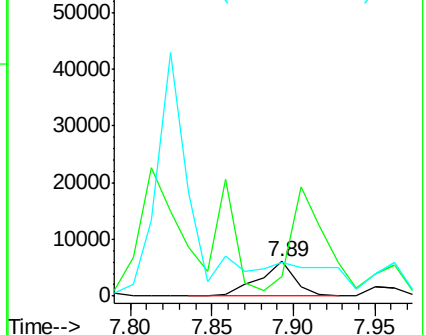
77 95.9 63.5 103.5

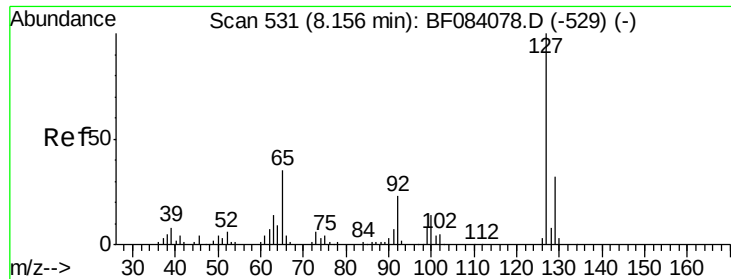


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

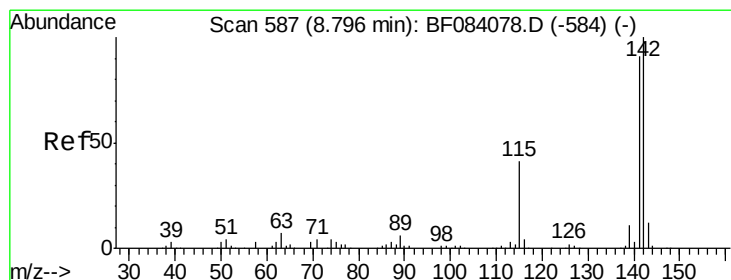
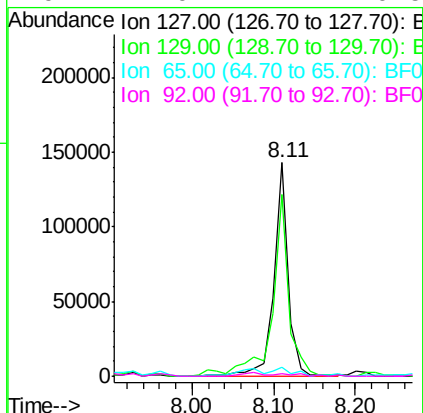
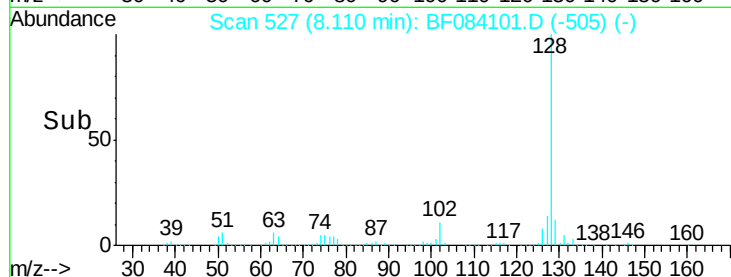
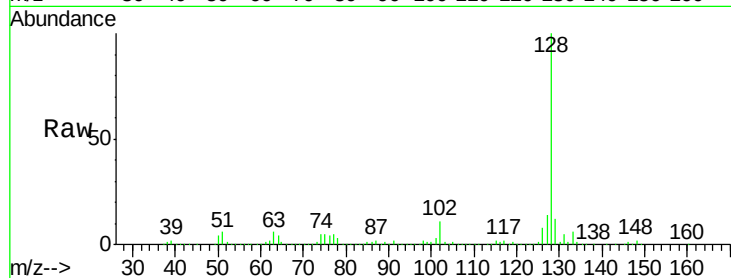




#33
4-Chloroaniline
Concen: 45.19 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.05 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

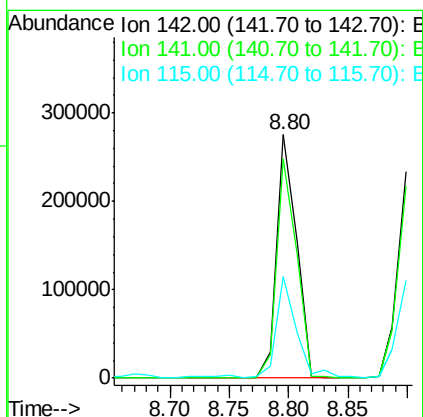
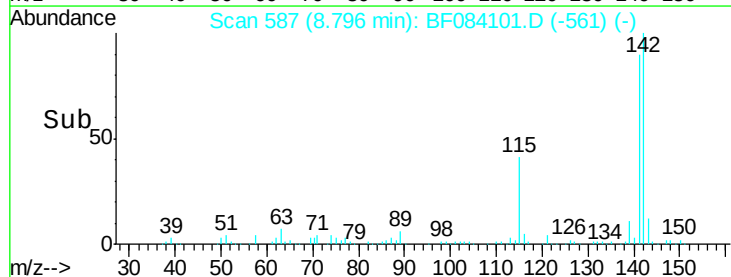
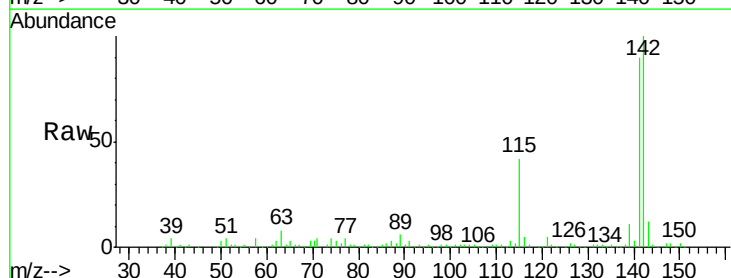
Instrument :
BNA_F
ClientSampleId :
MW-2-122115

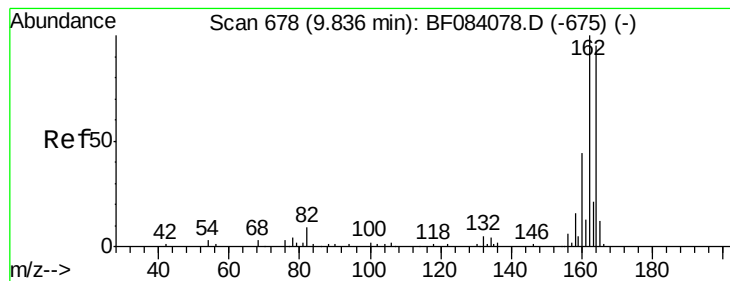
Tgt Ion:	127	Resp:	178398
Ion	Ratio	Lower	Upper
127	100		
129	85.3	26.5	39.7#
65	4.0	27.2	40.8#
92	1.0	17.7	26.5#



#37
2-Methylnaphthalene
Concen: 51.20 ng
RT: 8.80 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:	142	Resp:	317949
Ion	Ratio	Lower	Upper
142	100		
141	90.0	72.4	108.6
115	41.5	27.9	41.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

Instrument :

BNA_F

ClientSampleId :

MW-2-122115

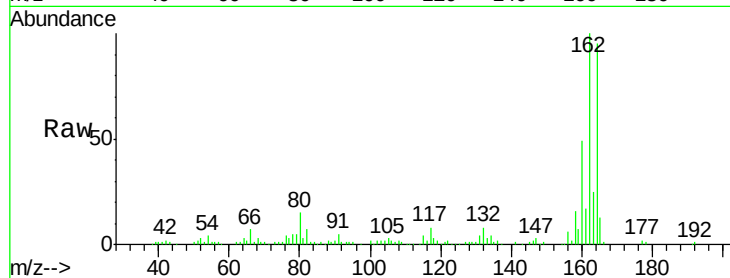
Tgt Ion:164 Resp: 92037

Ion Ratio Lower Upper

164 100

162 105.5 85.1 127.7

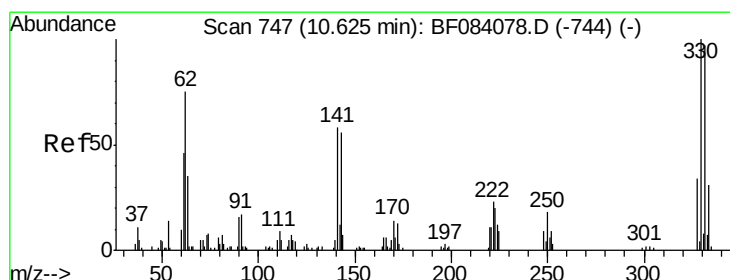
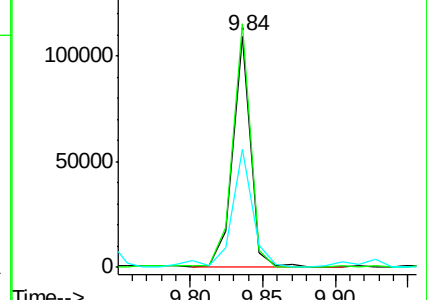
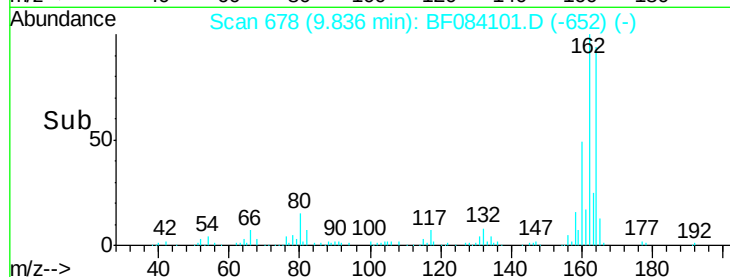
160 51.4 37.5 56.3



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: 125.25 ng

RT: 10.62 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

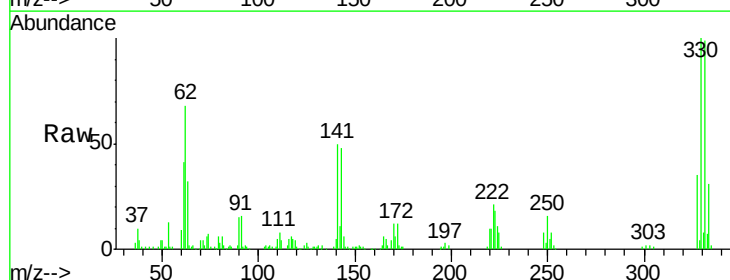
Tgt Ion:330 Resp: 122932

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

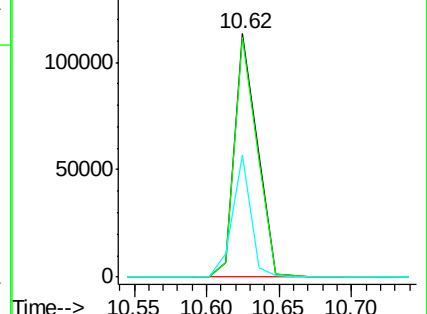
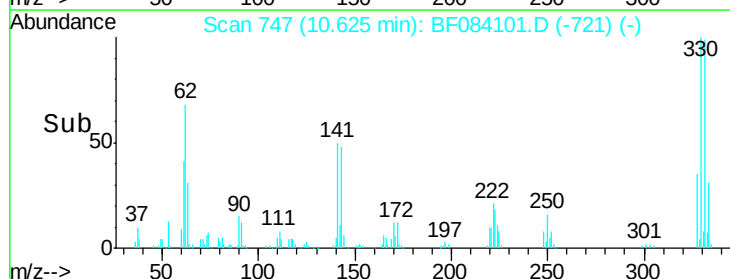
141 41.2 27.8 41.6

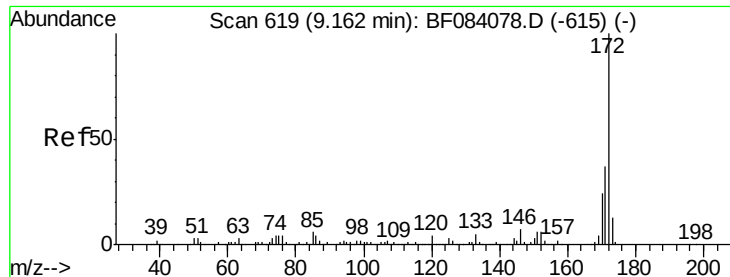


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 82.99 ng

RT: 9.16 min Scan# 619

Delta R.T. -0.00 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

Instrument :

BNA_F

ClientSampleId :

MW-2-122115

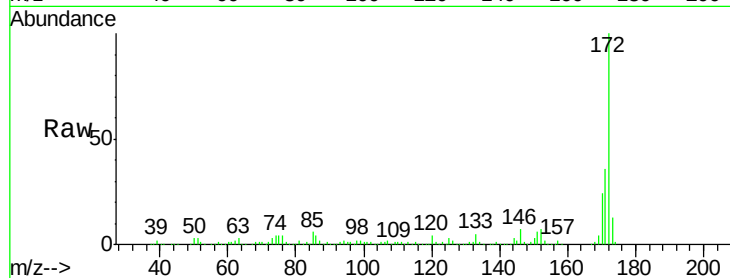
Tgt Ion: 172 Resp: 558227

Ion Ratio Lower Upper

172 100

171 36.3 28.9 43.3

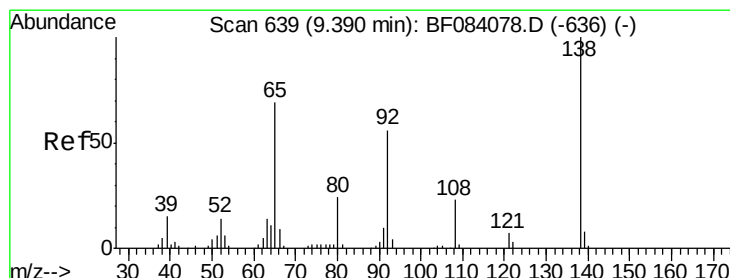
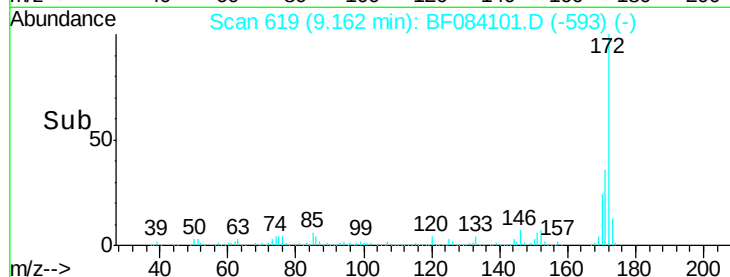
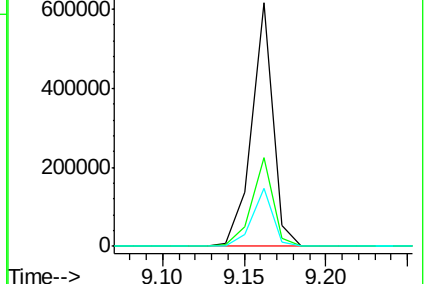
170 23.9 18.6 27.8



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



#47

2-Nitroaniline

Concen: 4.70 ng

RT: 9.42 min Scan# 642

Delta R.T. 0.03 min

Lab File: BF084101.D

Acq: 25 Dec 2015 1:43

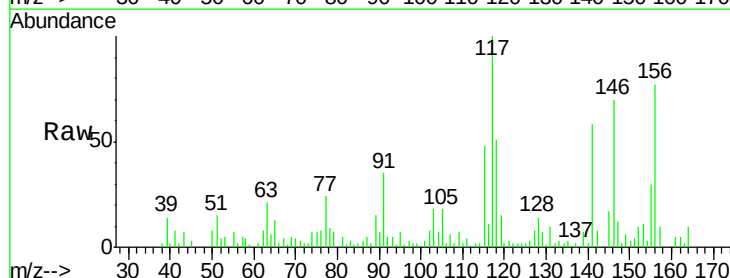
Tgt Ion: 65 Resp: 7894

Ion Ratio Lower Upper

65 100

92 35.3 53.4 80.2#

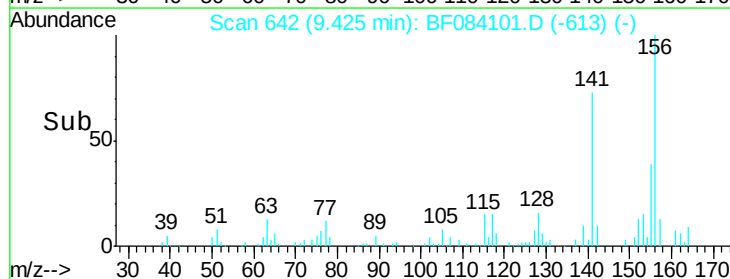
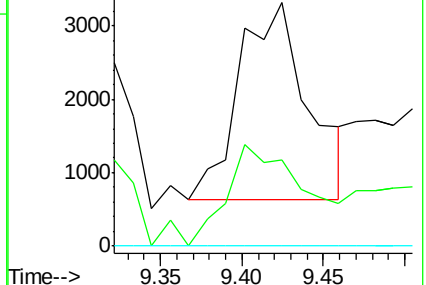
138 0.0 71.1 106.7#

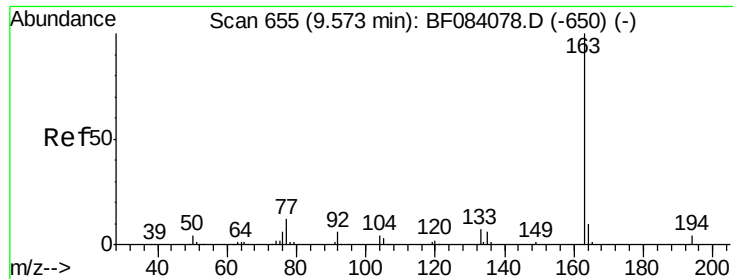


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

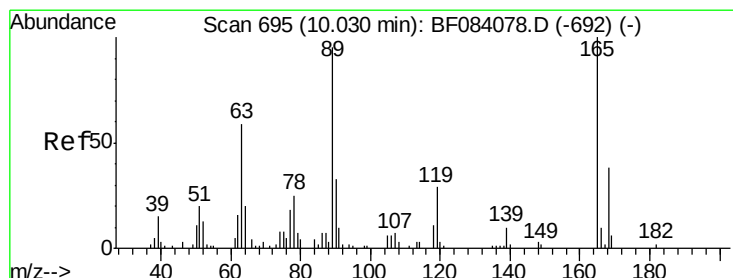
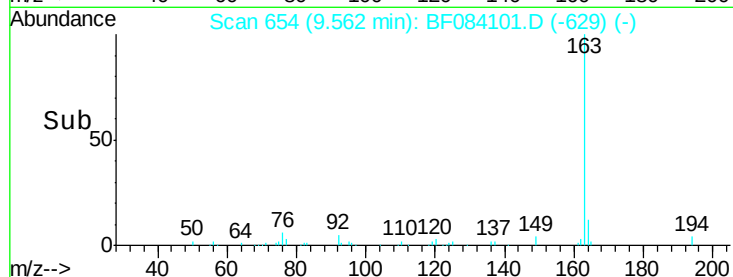
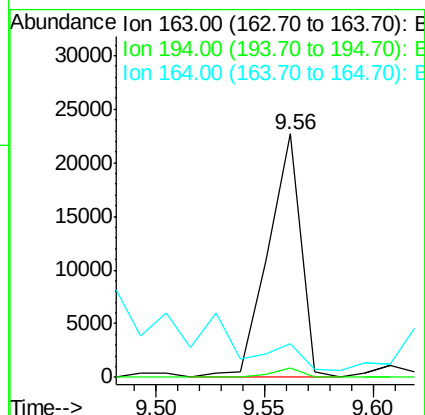
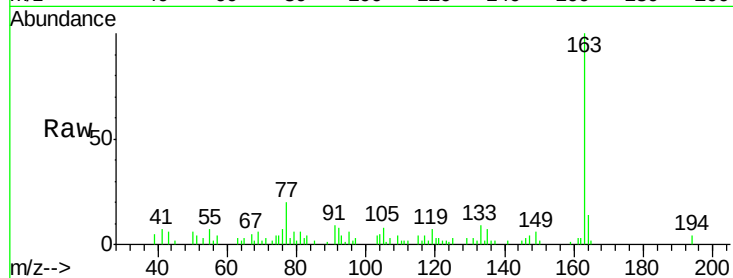




#49
Dimethylphthalate
Concen: 3.14 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.01 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

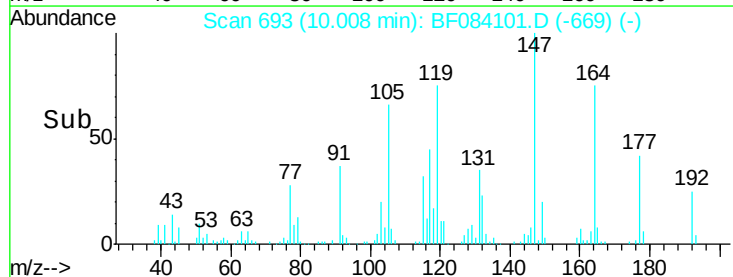
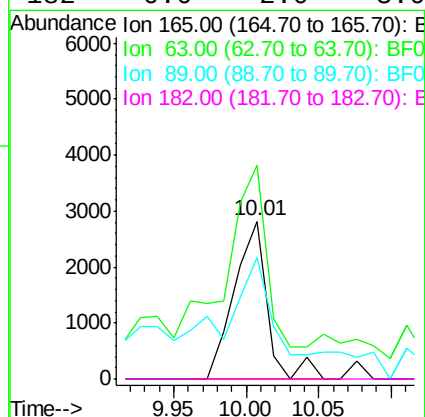
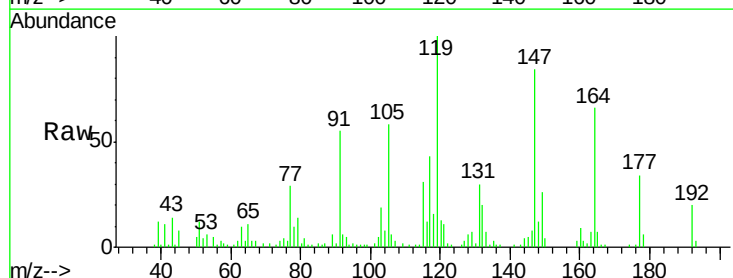
Instrument :
BNA_F
ClientSampleId :
MW-2-122115

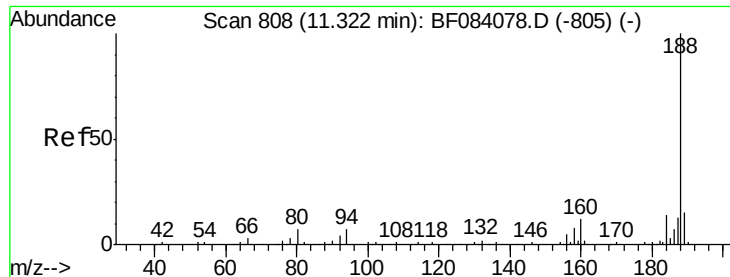
Tgt Ion:163 Resp: 23937
Ion Ratio Lower Upper
163 100
194 3.7 8.0 12.0#
164 13.7 8.0 12.0#



#56
2,4-Dinitrotoluene
Concen: 2.09 ng
RT: 10.01 min Scan# 693
Delta R.T. -0.02 min
Lab File: BF084101.D
Acq: 25 Dec 2015 1:43

Tgt Ion:165 Resp: 4464
Ion Ratio Lower Upper
165 100
63 135.7 36.7 55.1#
89 77.0 61.9 92.9
182 0.0 2.0 3.0#

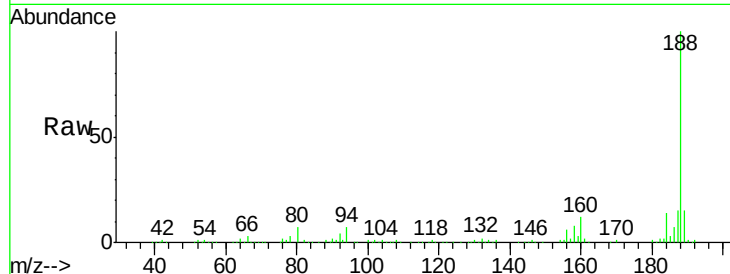




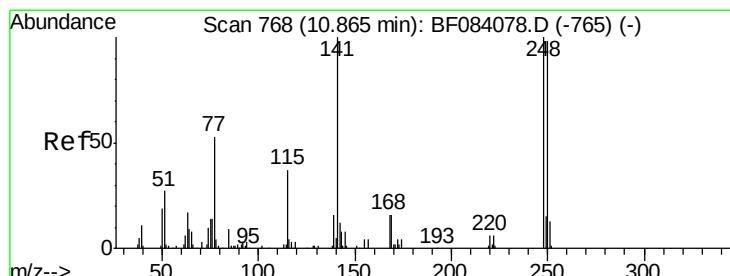
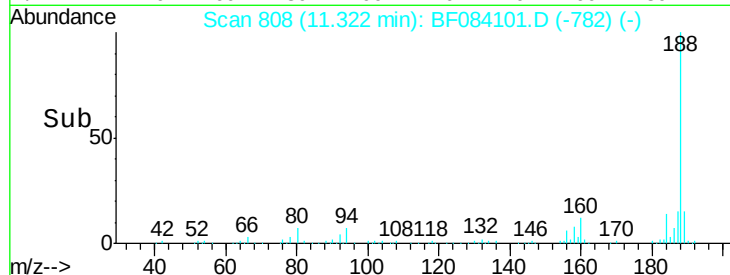
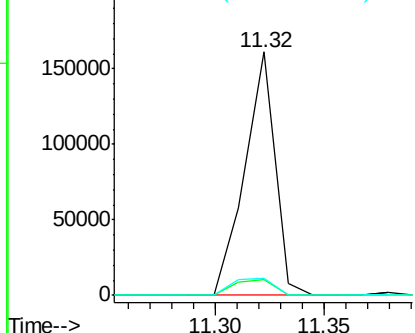
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.32 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115

Tgt Ion:188 Resp: 156284
 Ion Ratio Lower Upper
 188 100
 94 6.6 9.0 13.4#
 80 6.8 9.6 14.4#

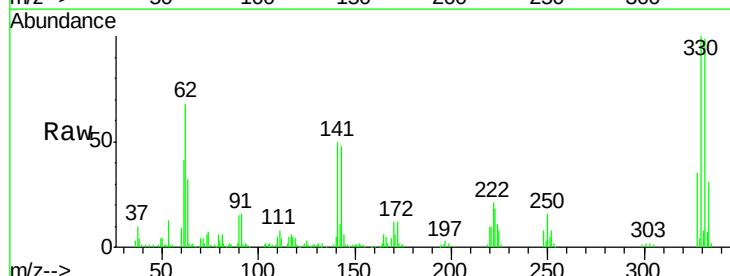


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

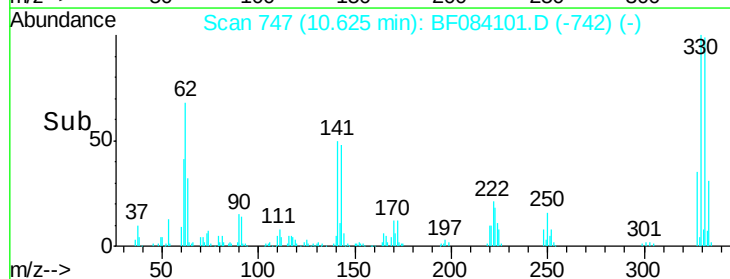
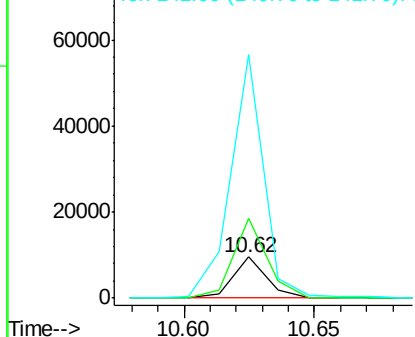


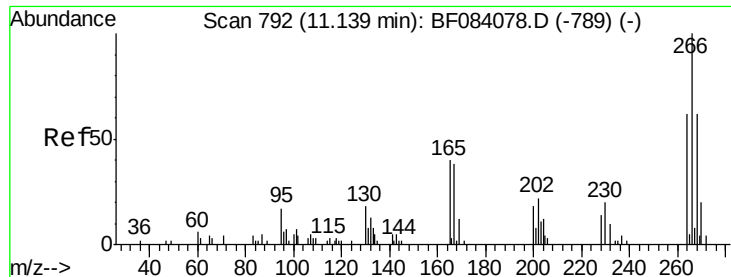
#66
 4-Bromophenyl-phenylether
 Concen: 4.73 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.24 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Tgt Ion:248 Resp: 8562
 Ion Ratio Lower Upper
 248 100
 250 193.8 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

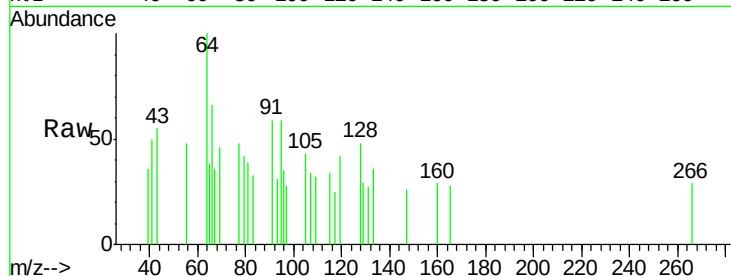




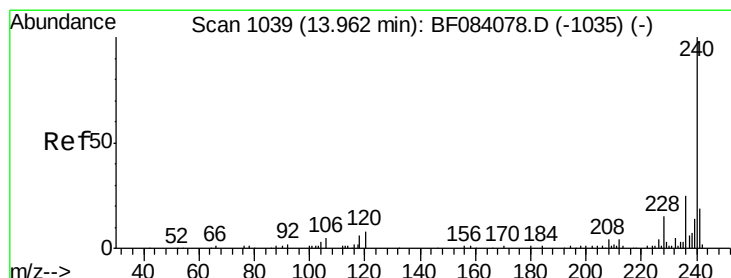
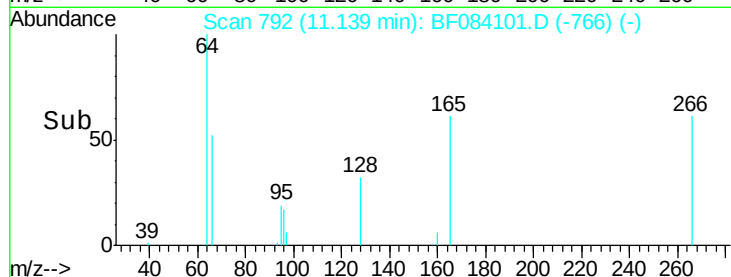
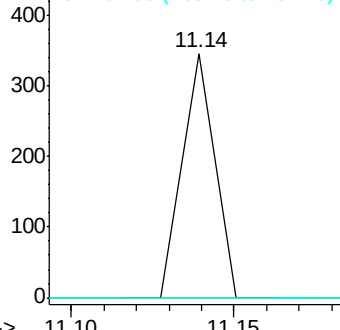
#69
 Pentachlorophenol
 Concen: 8.06 ng
 RT: 11.14 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115

Tgt Ion: 266 Resp: 237
 Ion Ratio Lower Upper
 266 100
 268 0.0 52.4 78.6#
 264 0.0 50.2 75.2#

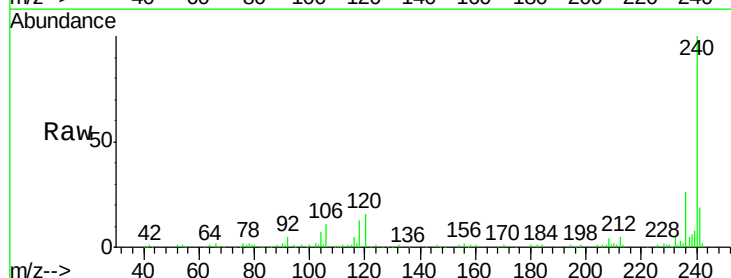


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

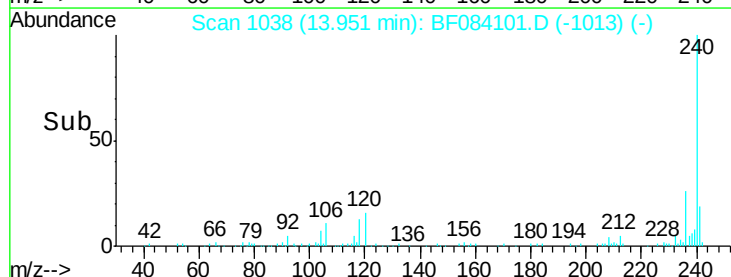
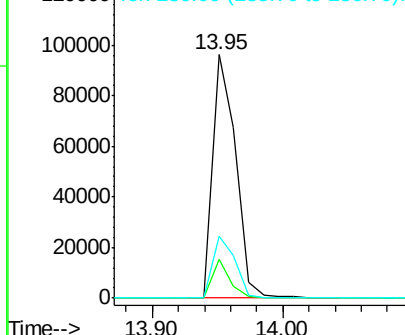


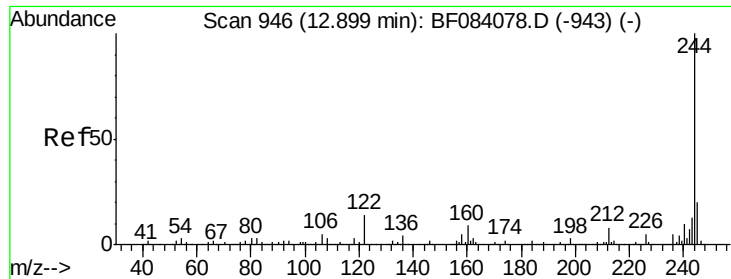
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.01 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Tgt Ion: 240 Resp: 118201
 Ion Ratio Lower Upper
 240 100
 120 16.2 9.5 14.3#
 236 25.6 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

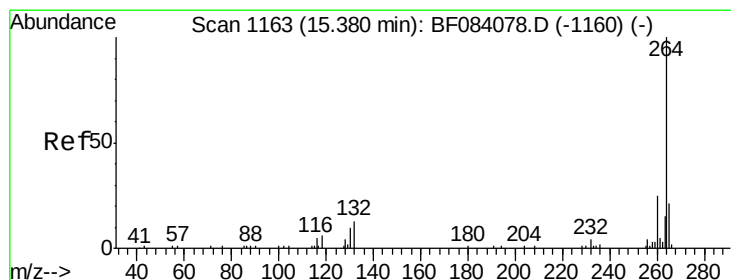
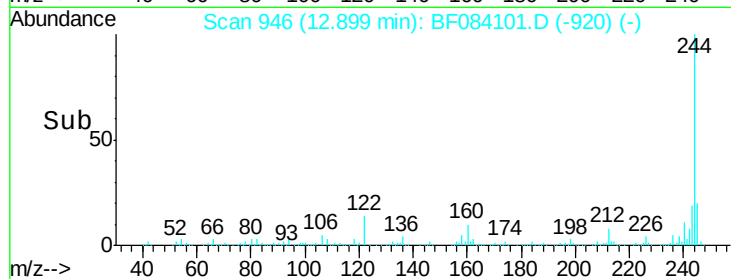
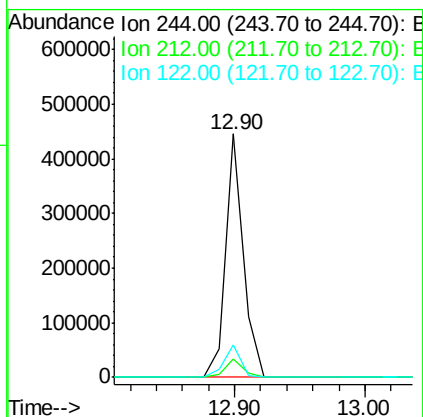
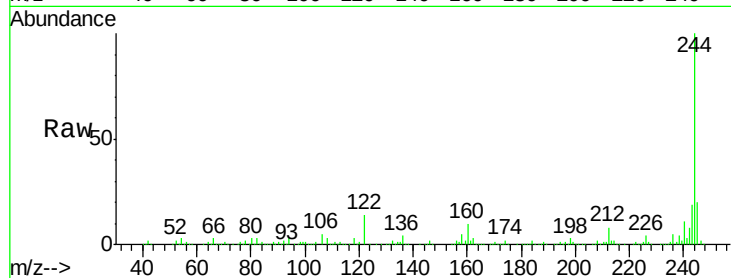




#78
 Terphenyl-d14
 Concen: 64.22 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF084101.D
 Acq: 25 Dec 2015 1:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-122115

Tgt Ion:244 Resp: 419507
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 13.5 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: BF084101.D
 Acq: 25 Dec 2015 1:43

Tgt Ion:264 Resp: 91128
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.4 29.2
 265 21.3 17.8 26.6

