

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083854.D
 Acq On : 16 Dec 2015 18:01
 Operator : UM/SJ
 Sample : G4793-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-121115

Quant Time: Dec 17 03:24:20 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 14 01:30:12 2015
 Response via : Initial Calibration

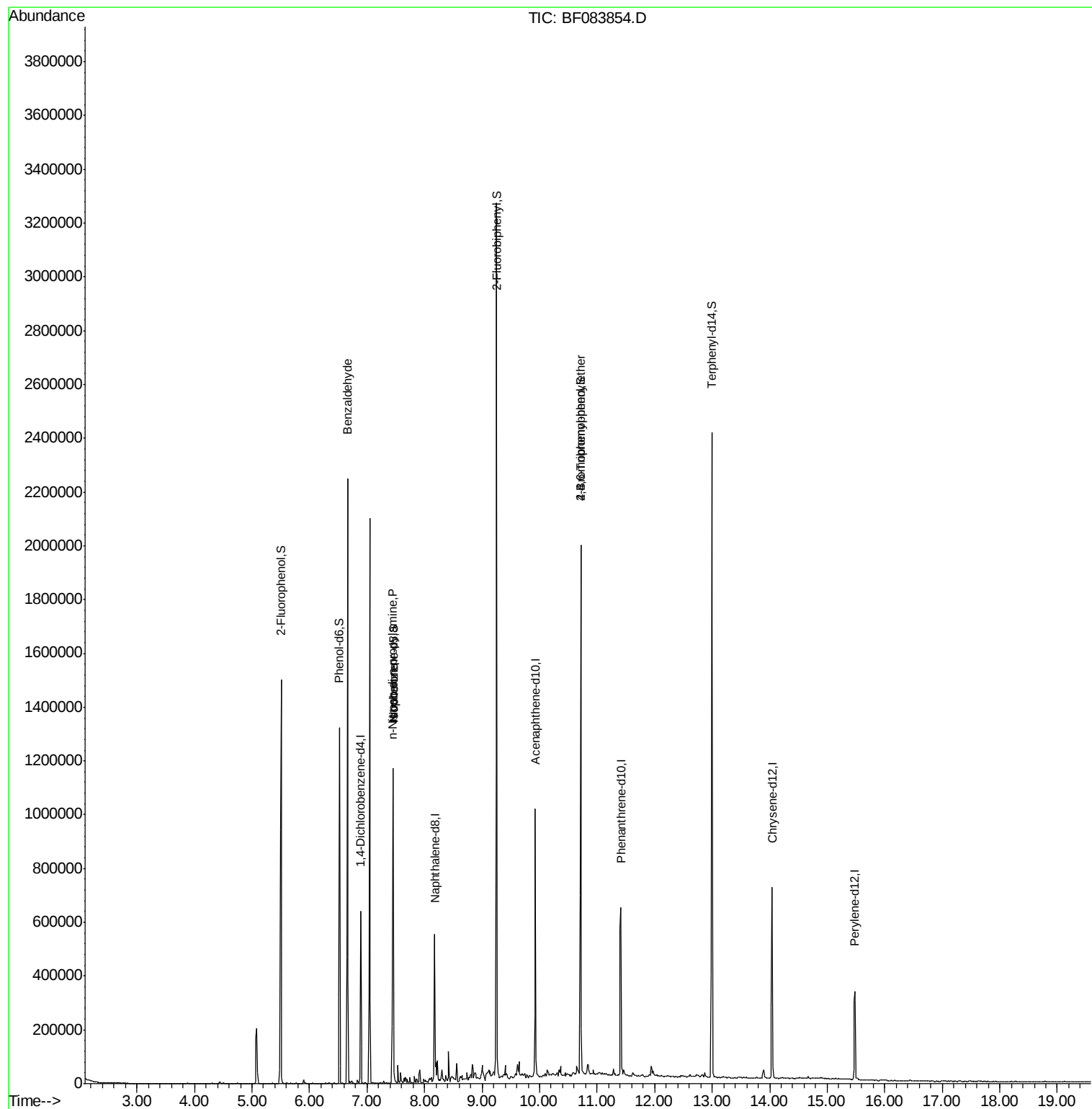
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	93633	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	363551	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	188200	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	322329	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	251812	20.00	ng	-0.03
86) Perylene-d12	15.48	264	182671	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	526883	90.78	ng	-0.02
7) Phenol-d6	6.52	99	441174	60.02	ng	-0.02
23) Nitrobenzene-d5	7.46	82	598348	92.08	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	241573	125.97	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1037418	79.07	ng	-0.03
78) Terphenyl-d14	12.99	244	1038594	88.72	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.66	77	13745	3.48	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.45	70	79498	17.66	ng	# 72
25) Isophorone	7.46	82	549704	43.12	ng	# 69
66) 4-Bromophenyl-phenylether	10.72	248	17271	4.79	ng	# 1

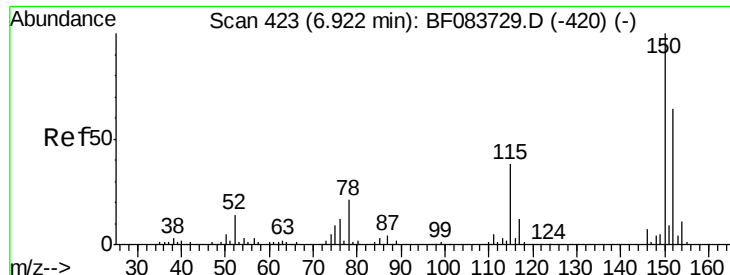
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.03 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

MW-01-121115

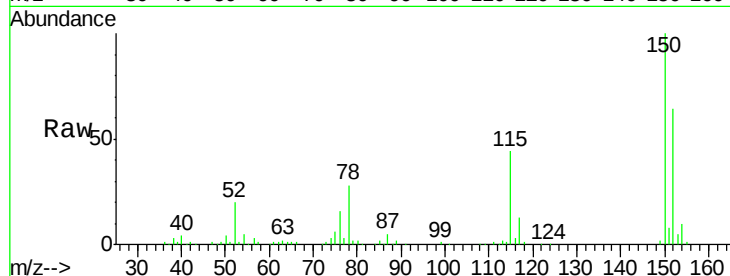
Tgt Ion:152 Resp: 93633

Ion Ratio Lower Upper

152 100

150 155.7 126.5 189.7

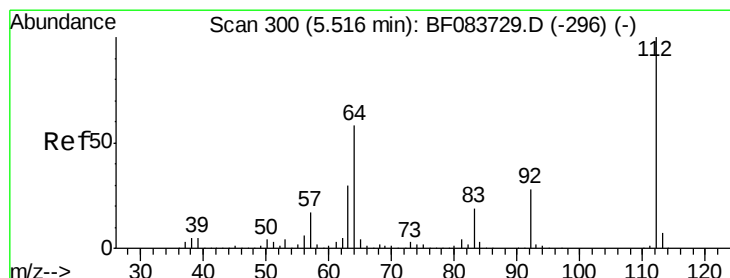
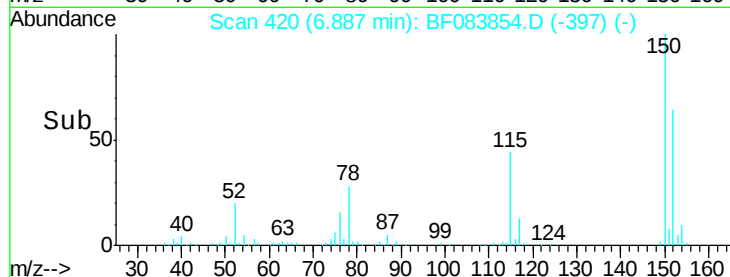
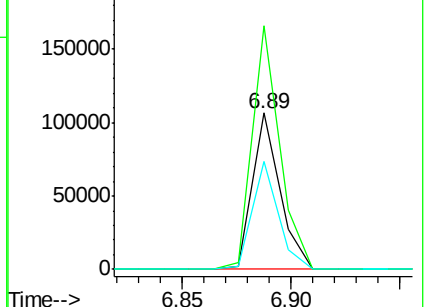
115 69.2 52.3 78.5



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: 90.78 ng

RT: 5.50 min Scan# 299

Delta R.T. -0.02 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

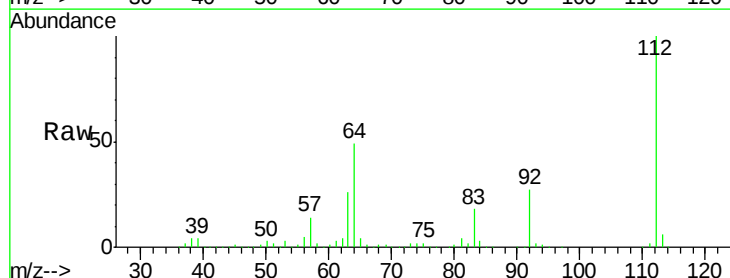
Tgt Ion:112 Resp: 526883

Ion Ratio Lower Upper

112 100

64 49.3 50.5 75.7#

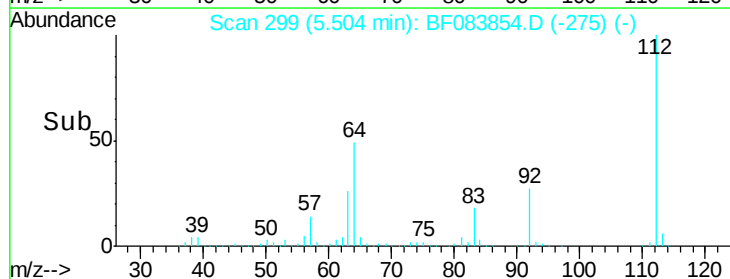
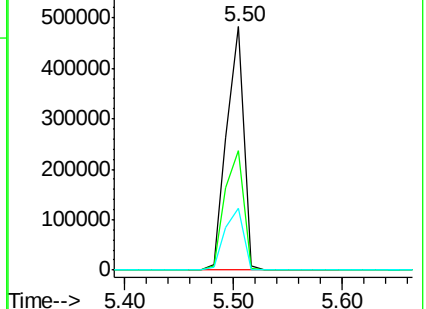
63 25.6 25.8 38.6#

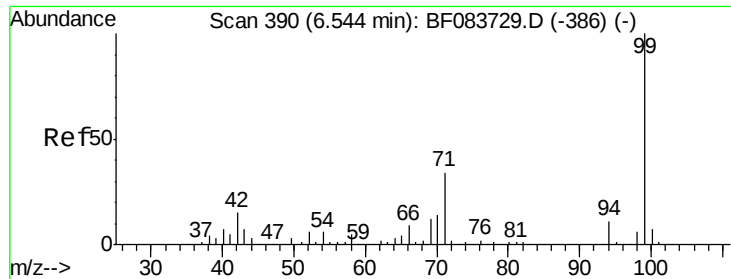


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 60.02 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

MW-01-121115

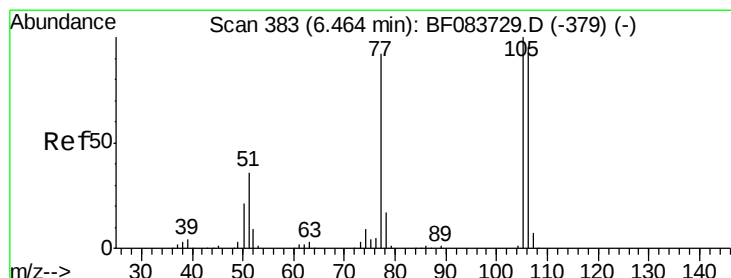
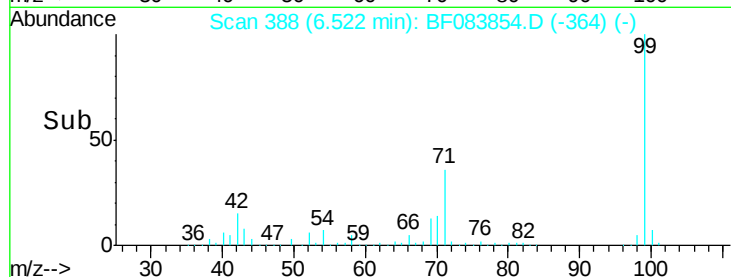
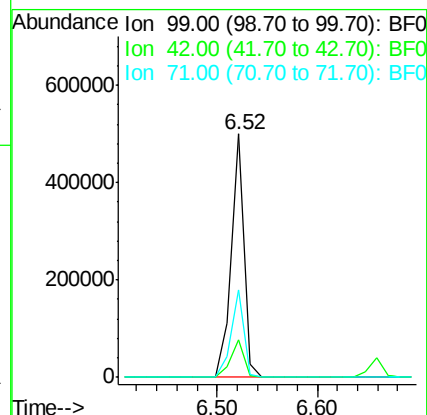
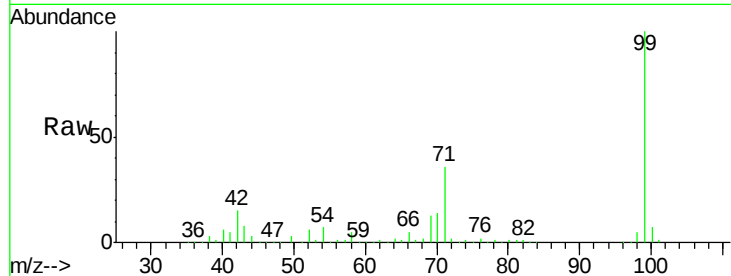
Tgt Ion: 99 Resp: 441174

Ion Ratio Lower Upper

99 100

42 15.3 17.3 25.9#

71 35.9 26.6 40.0



#9

Benzaldehyde

Concen: 3.48 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

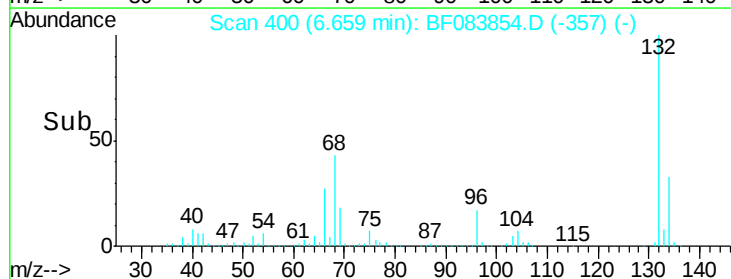
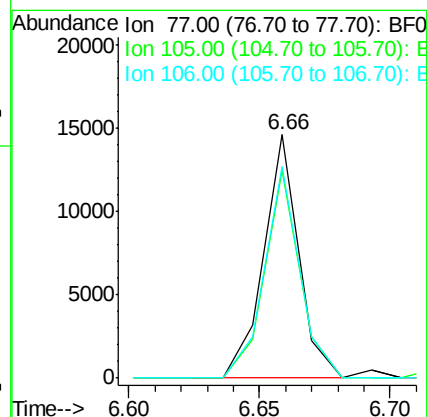
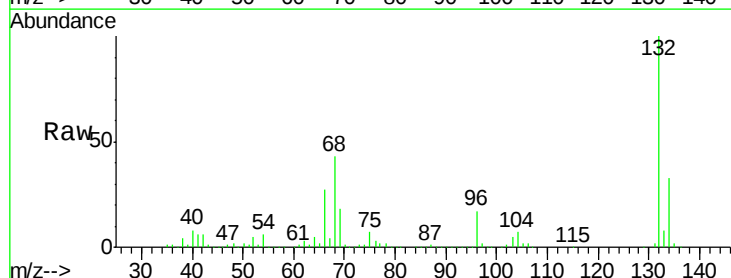
Tgt Ion: 77 Resp: 13745

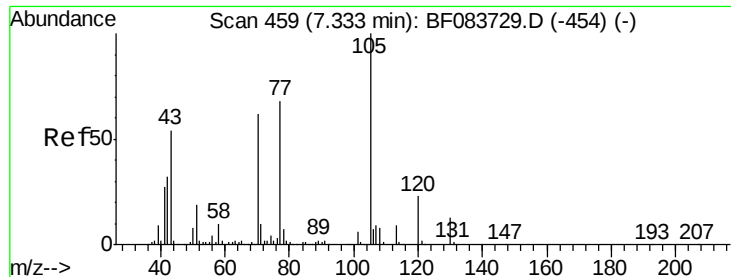
Ion Ratio Lower Upper

77 100

105 85.6 71.8 111.8

106 87.0 66.8 106.8

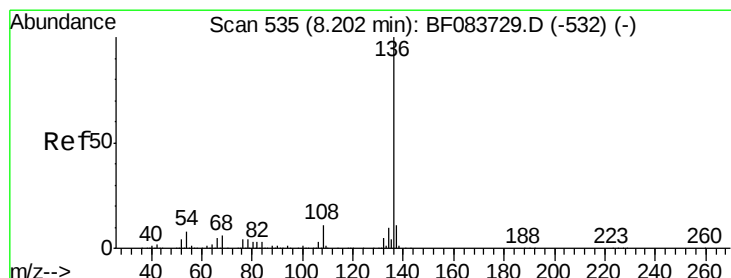
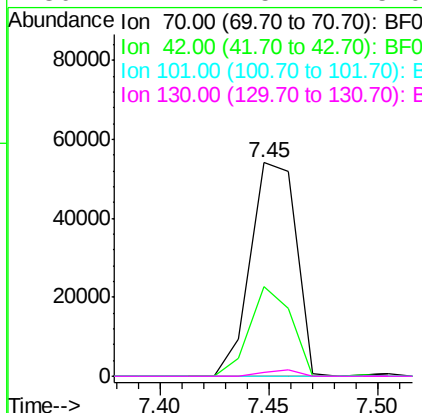
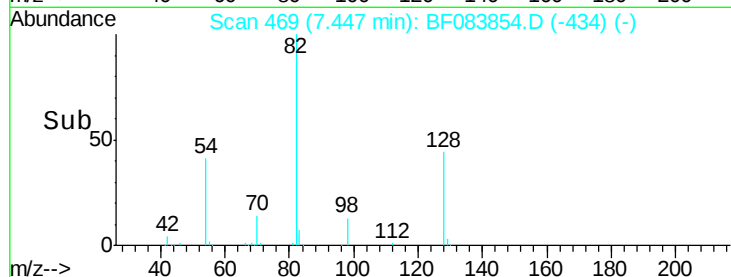
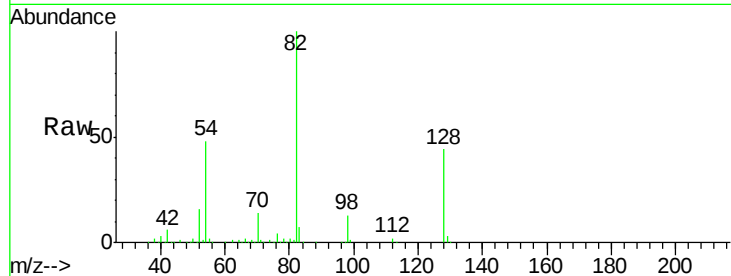




#19
n-Nitroso-di-n-propylamine
Concen: 17.66 ng
RT: 7.45 min Scan# 469
Delta R.T. 0.10 min
Lab File: BF083854.D
Acq: 16 Dec 2015 18:01

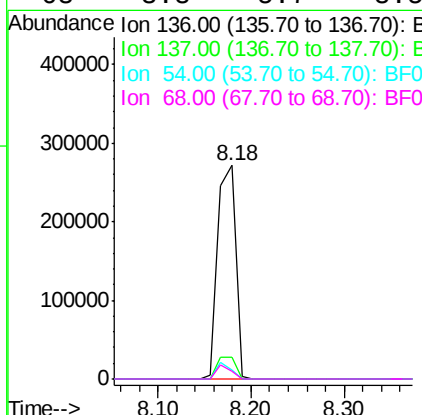
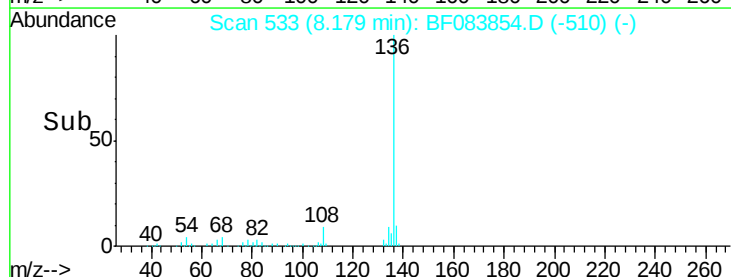
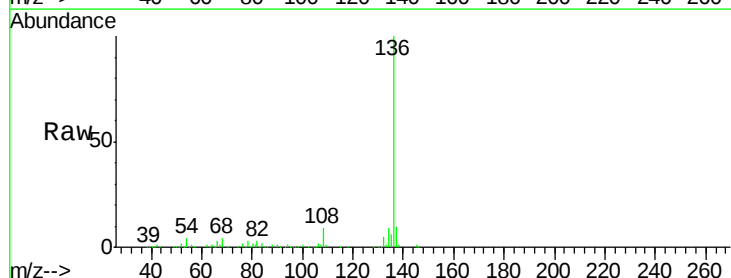
Instrument :
BNA_F
ClientSampleId :
MW-01-121115

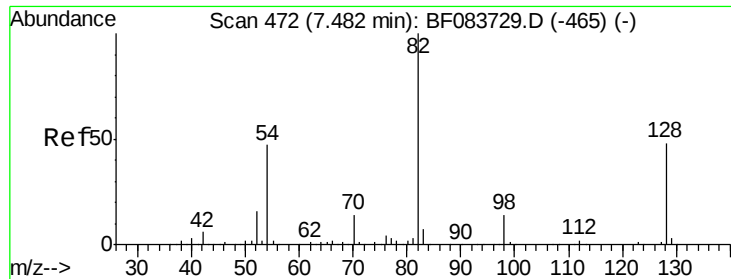
Tgt Ion: 70 Resp: 79498
Ion Ratio Lower Upper
70 100
42 42.1 49.2 73.8#
101 0.0 7.1 10.7#
130 2.1 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083854.D
Acq: 16 Dec 2015 18:01

Tgt Ion: 136 Resp: 363551
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 4.4 7.8 11.6#
68 3.8 5.7 8.5#

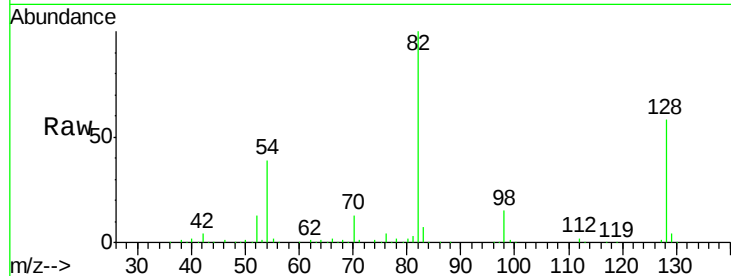




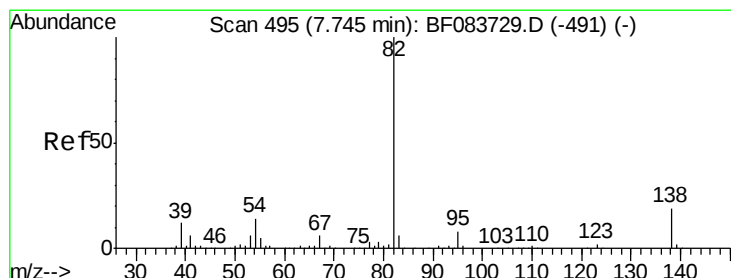
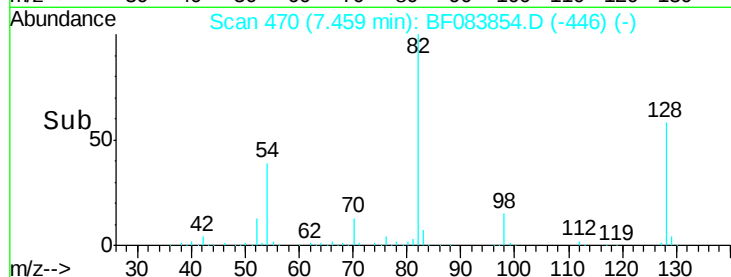
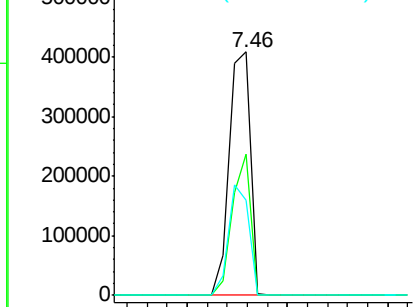
#23
 Nitrobenzene-d5
 Concen: 92.08 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-121115

Tgt Ion: 82 Resp: 598348
 Ion Ratio Lower Upper
 82 100
 128 58.1 30.7 46.1#
 54 39.0 42.5 63.7#

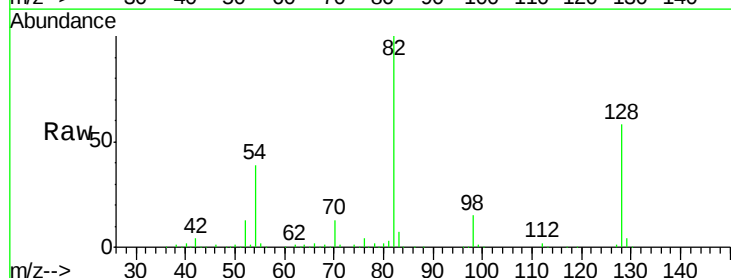


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

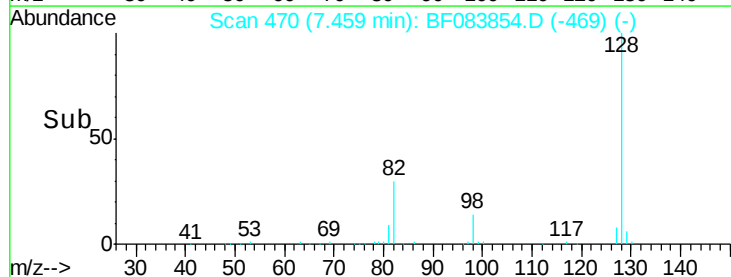
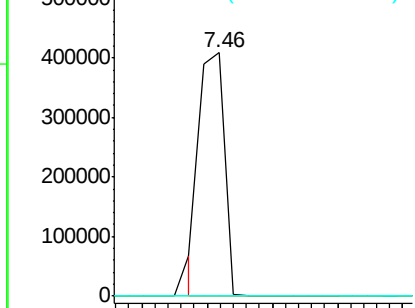


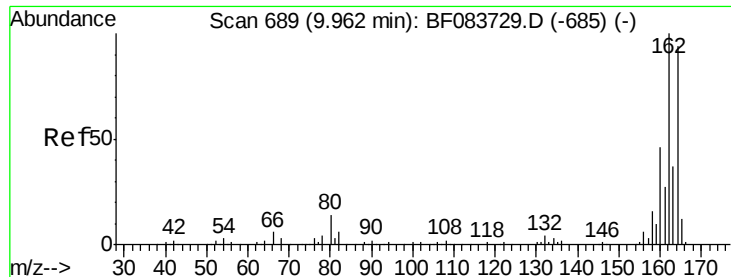
#25
 Isophorone
 Concen: 43.12 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Tgt Ion: 82 Resp: 549704
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

Instrument :

BNA_F

ClientSampleId :

MW-01-121115

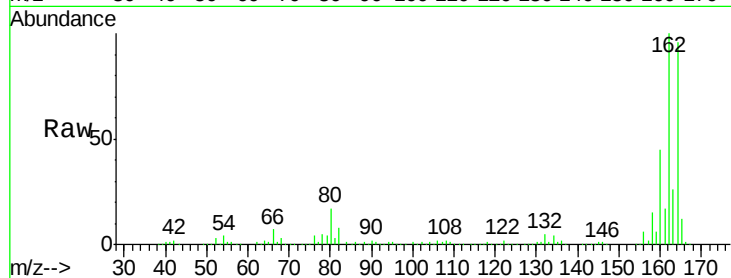
Tgt Ion:164 Resp: 188200

Ion Ratio Lower Upper

164 100

162 104.3 78.8 118.2

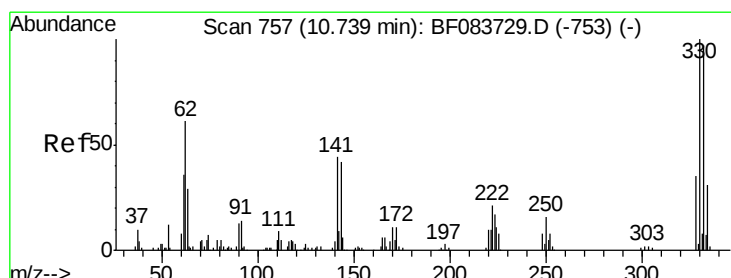
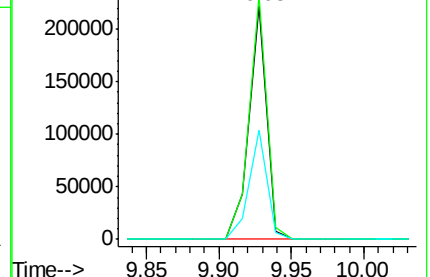
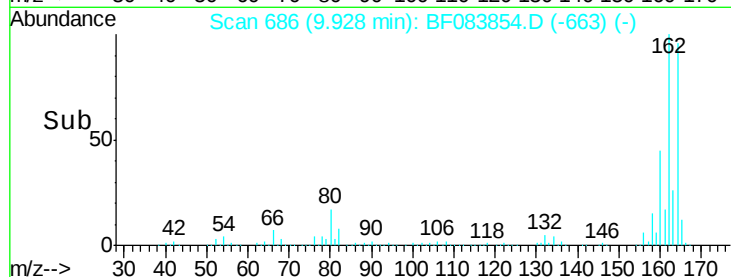
160 47.0 33.4 50.2



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: 125.97 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF083854.D

Acq: 16 Dec 2015 18:01

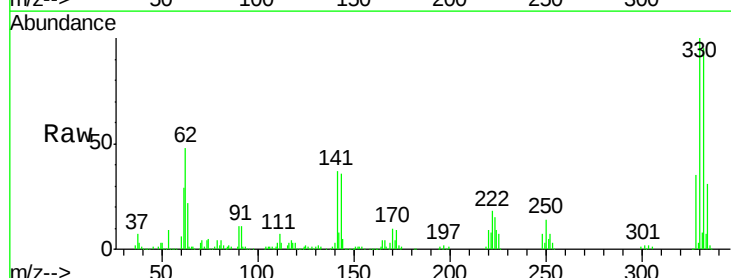
Tgt Ion:330 Resp: 241573

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

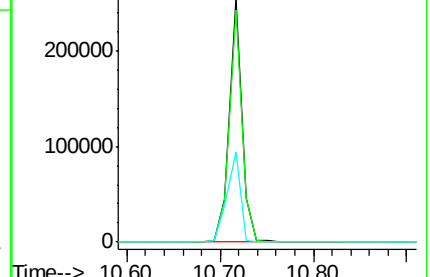
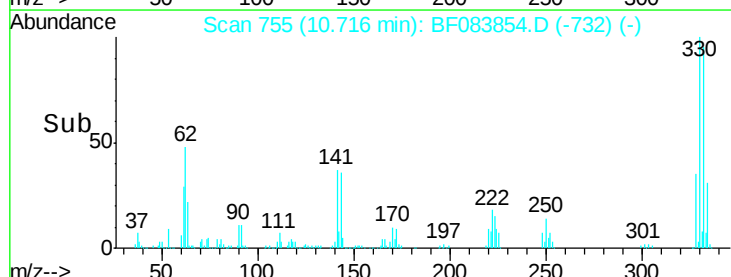
141 39.5 0.0 0.0#

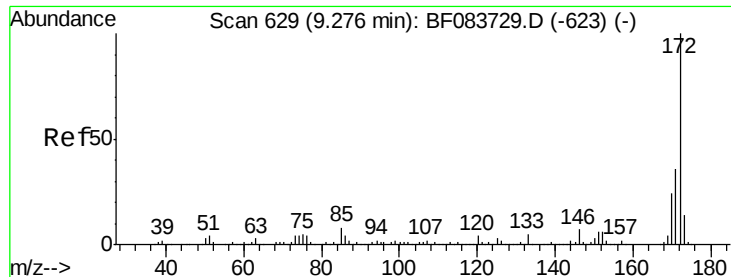


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

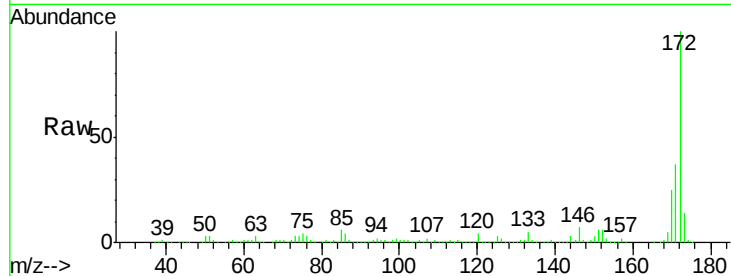




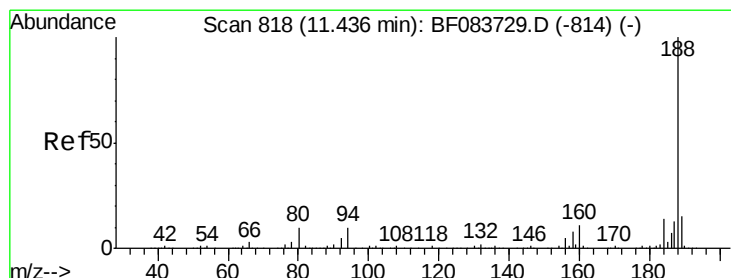
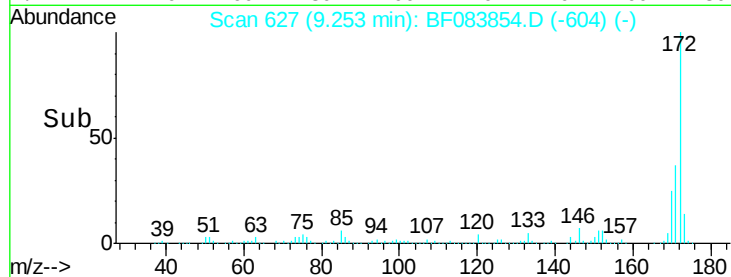
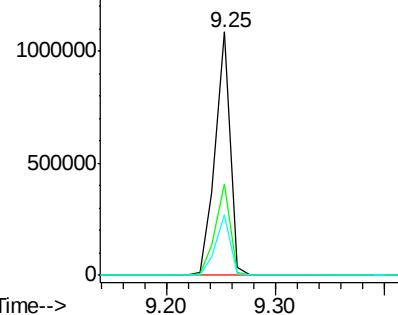
#44
 2-Fluorobiphenyl
 Concen: 79.07 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-121115

Tgt Ion:172 Resp: 1037418
 Ion Ratio Lower Upper
 172 100
 171 37.5 28.6 42.8
 170 24.9 19.4 29.0

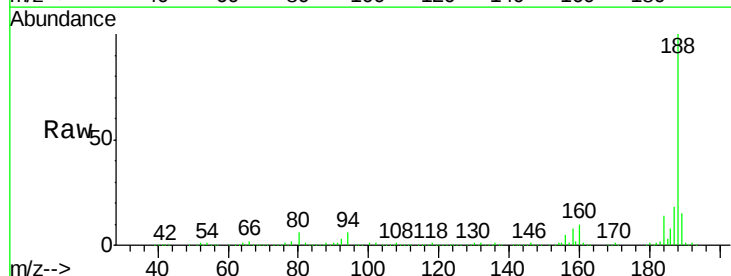


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

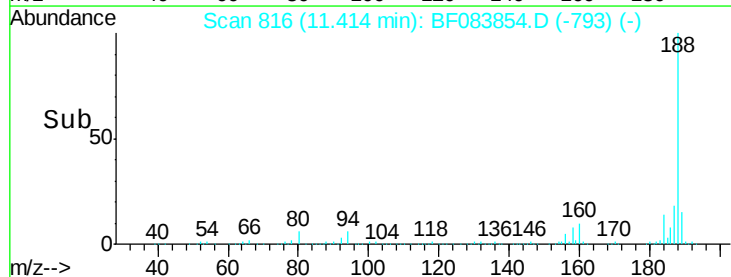
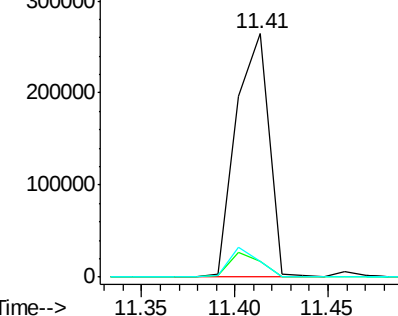


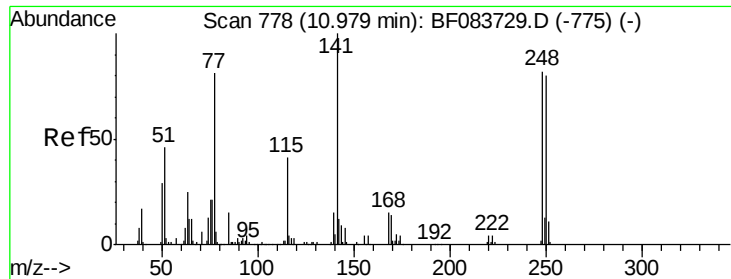
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.03 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Tgt Ion:188 Resp: 322329
 Ion Ratio Lower Upper
 188 100
 94 6.5 9.4 14.2#
 80 6.4 10.6 16.0#



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

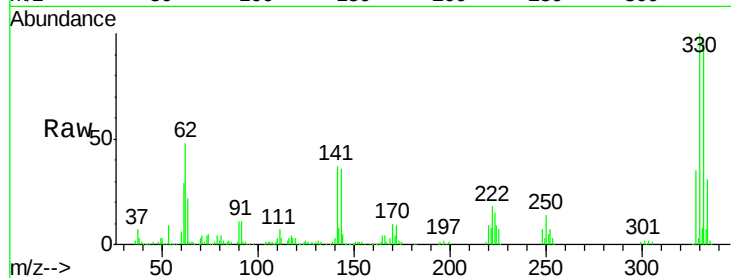




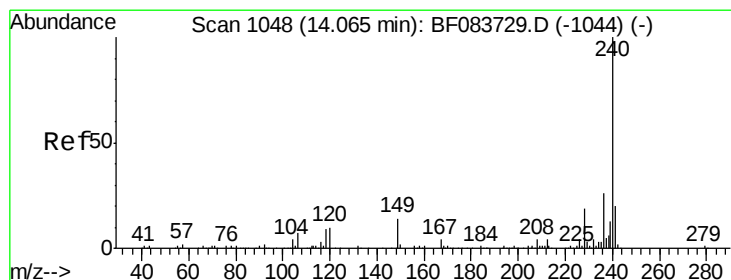
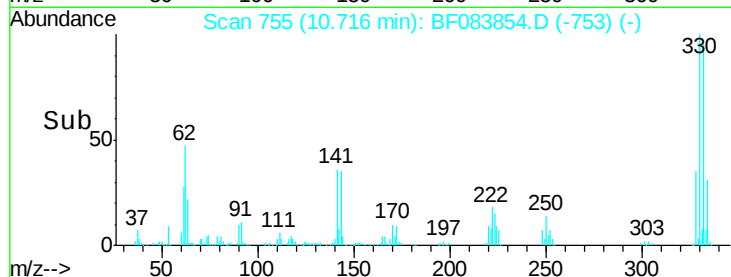
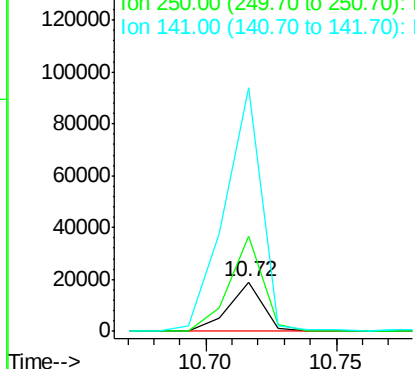
#66
 4-Bromophenyl-phenylether
 Concen: 4.79 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-121115

Tgt Ion:248 Resp: 17271
 Ion Ratio Lower Upper
 248 100
 250 194.1 79.2 118.8#
 141 494.0 58.2 87.4#

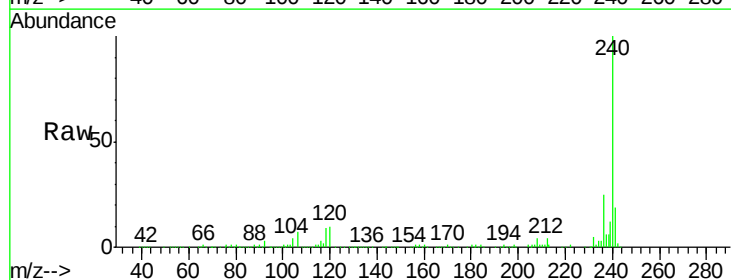


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

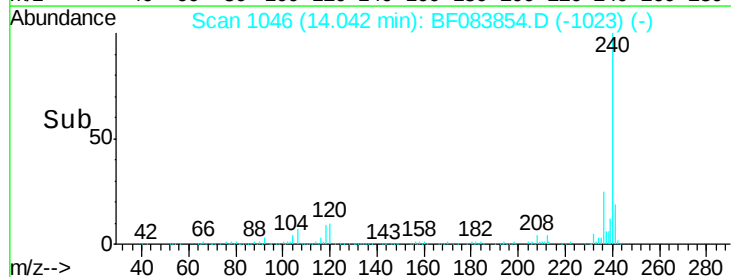
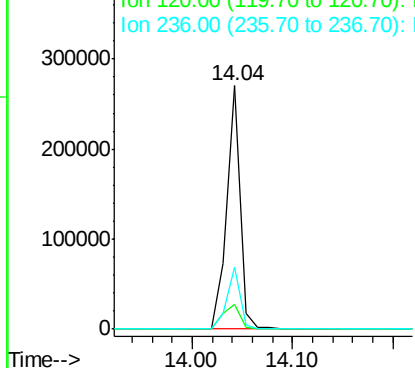


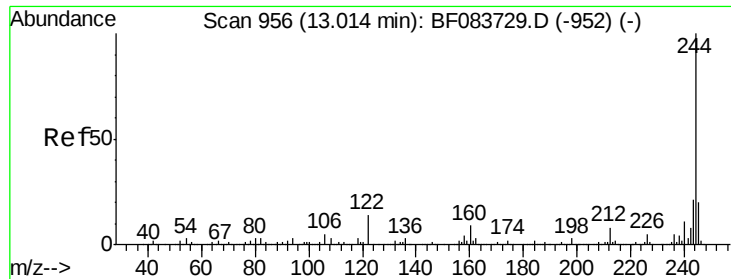
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Tgt Ion:240 Resp: 251812
 Ion Ratio Lower Upper
 240 100
 120 10.4 8.1 12.1
 236 25.4 20.8 31.2



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

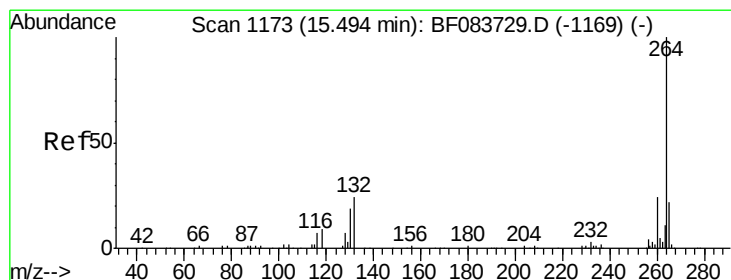
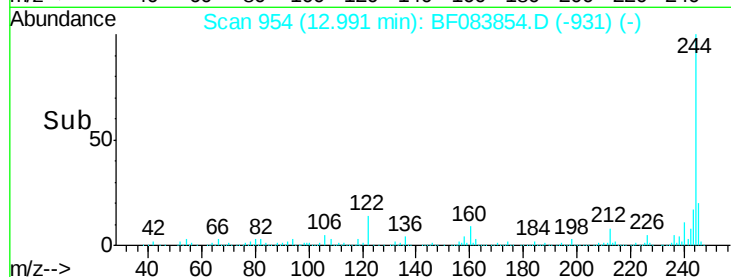
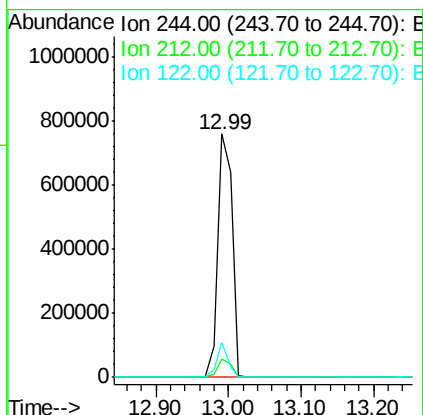
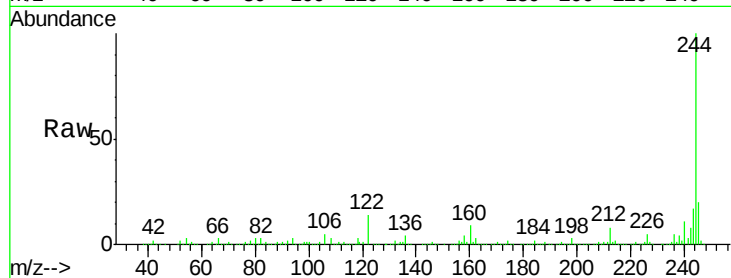




#78
 Terphenyl-d14
 Concen: 88.72 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Instrument :
 BNA_F
 ClientSampleId :
 MW-01-121115

Tgt Ion:244 Resp: 1038594
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 14.2 11.0 16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF083854.D
 Acq: 16 Dec 2015 18:01

Tgt Ion:264 Resp: 182671
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.0
 265 21.0 17.8 26.6

