

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
 Data File : BF083834.D
 Acq On : 16 Dec 2015 00:55
 Operator : UM/IZ
 Sample : G4782-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Quant Time: Dec 16 04:31:10 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

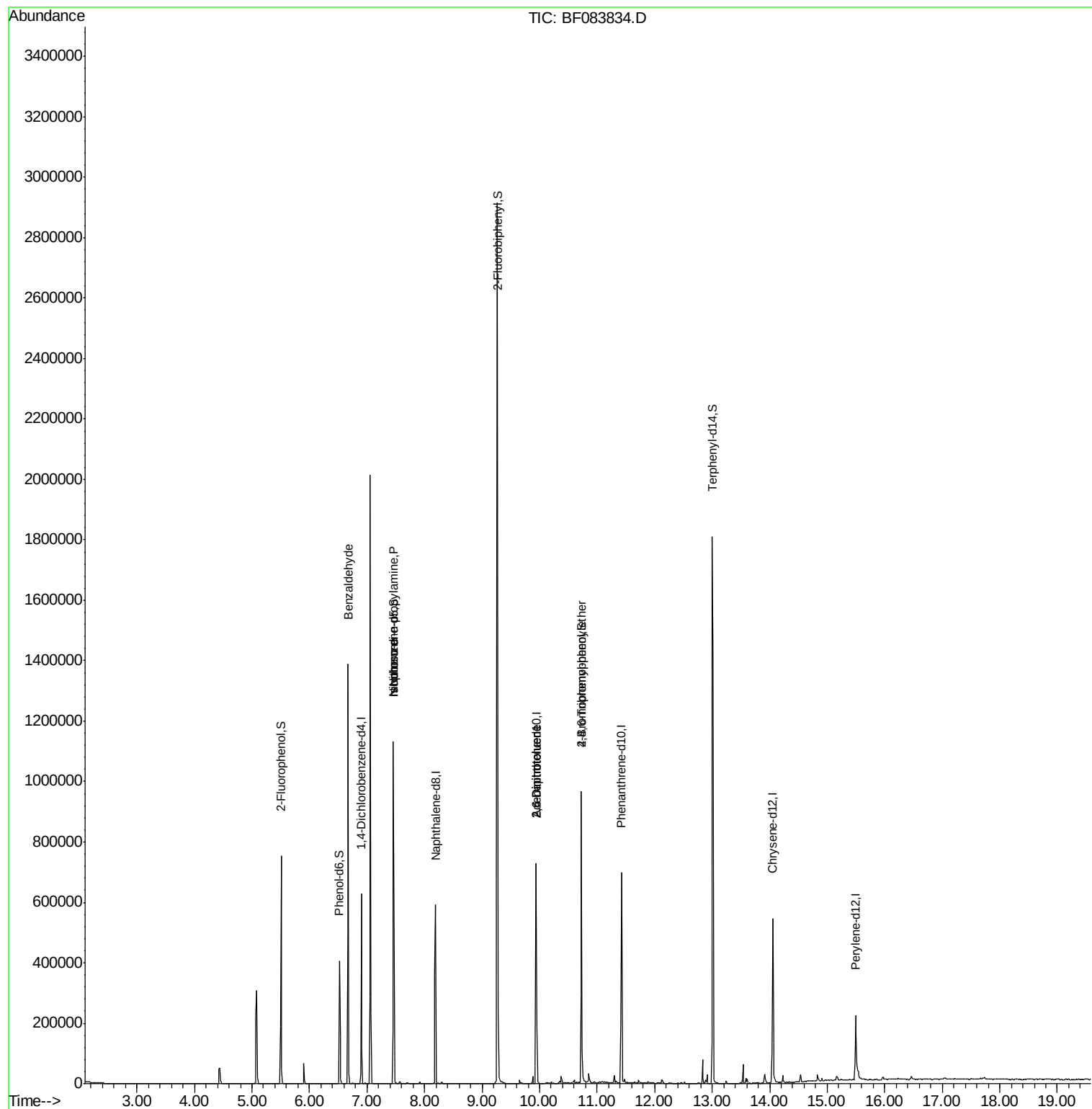
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	92697	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	350000	20.00	ng	-0.02
38) Acenaphthene-d10	9.94	164	152811	20.00	ng	-0.02
63) Phenanthrene-d10	11.42	188	266504	20.00	ng	-0.02
75) Chrysene-d12	14.05	240	209751	20.00	ng	-0.02
86) Perylene-d12	15.49	264	146789	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	210672	36.66	ng	-0.02
7) Phenol-d6	6.52	99	151077	20.76	ng	-0.02
23) Nitrobenzene-d5	7.46	82	459334	73.42	ng	-0.02
41) 2,4,6-Tribromophenol	10.73	330	126177	81.03	ng	-0.02
44) 2-Fluorobiphenyl	9.26	172	917961	89.45	ng	-0.02
78) Terphenyl-d14	13.00	244	800635	82.11	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.67	77	8878	2.27	ng	Qvalue 93
19) n-Nitroso-di-n-propylamine	7.46	70	59885	13.44	ng	# 72
25) Isophorone	7.46	82	413585	33.70	ng	# 69
50) 2,6-Dinitrotoluene	9.94	165	19032	7.53	ng	# 17
56) 2,4-Dinitrotoluene	9.94	165	19033	5.76	ng	# 12
66) 4-Bromophenyl-phenylether	10.73	248	8411	2.82	ng	# 1

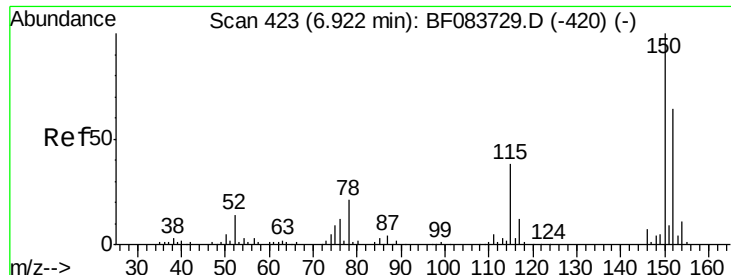
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
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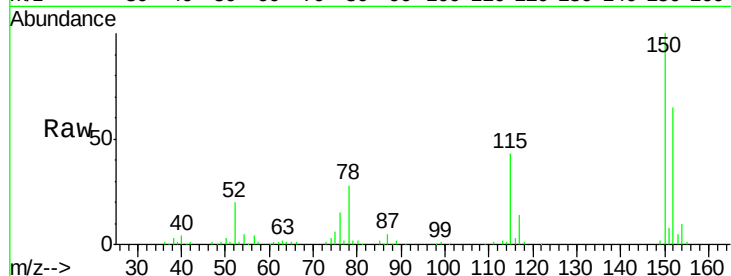




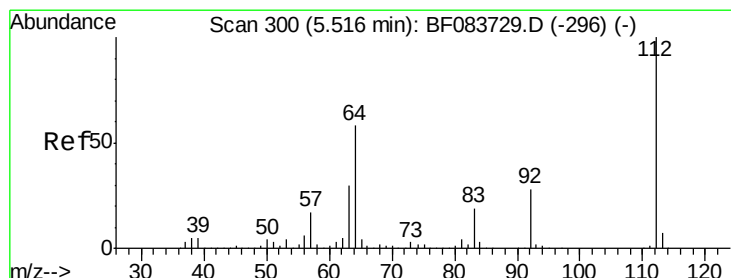
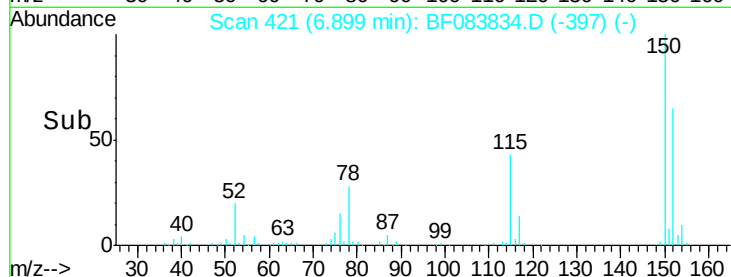
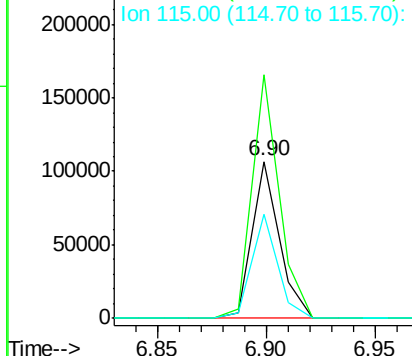
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Tgt Ion:152 Resp: 92697
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.5 189.7
 115 66.0 52.3 78.5

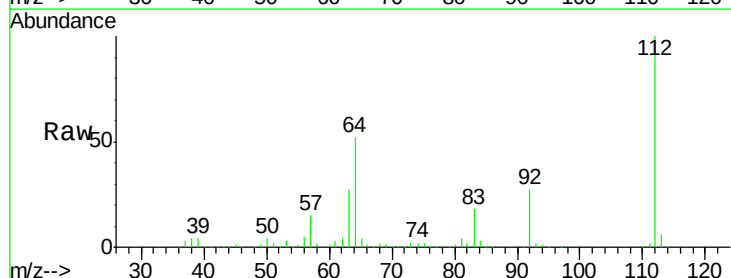


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

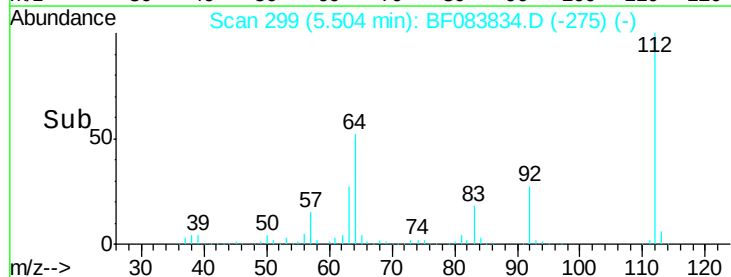
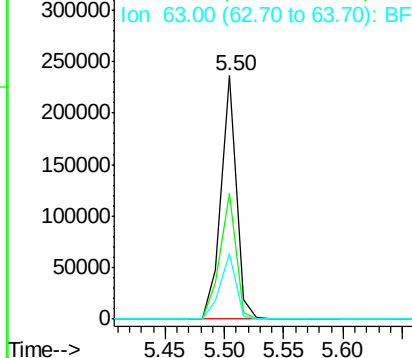


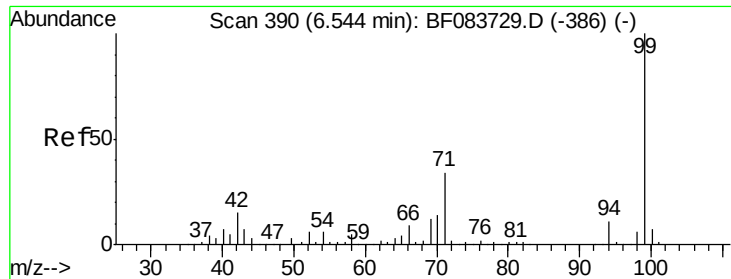
#5
 2-Fluorophenol
 Concen: 36.66 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion:112 Resp: 210672
 Ion Ratio Lower Upper
 112 100
 64 51.8 50.5 75.7
 63 27.1 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: 20.76 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-S

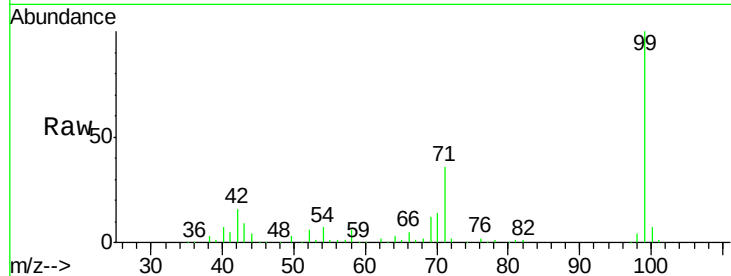
Tgt Ion: 99 Resp: 151077

Ion Ratio Lower Upper

99 100

42 16.2 17.3 25.9#

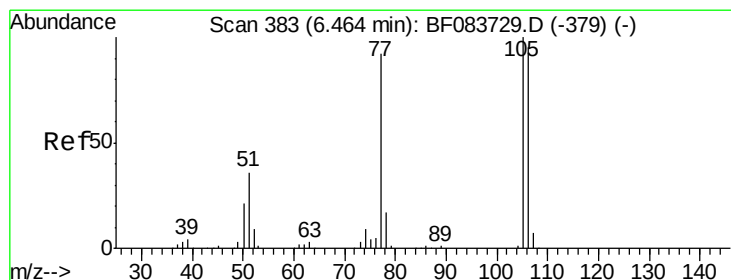
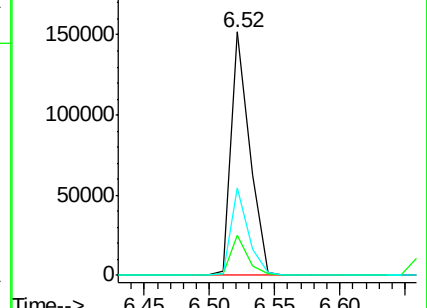
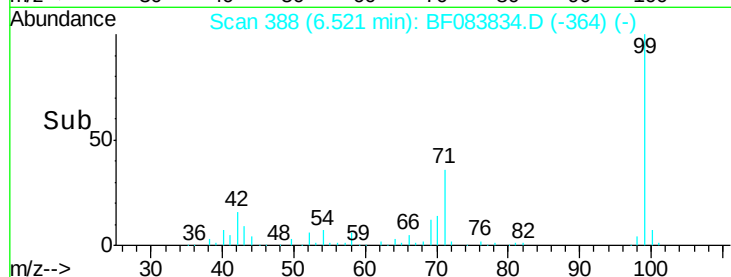
71 35.9 26.6 40.0



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: 2.27 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.21 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

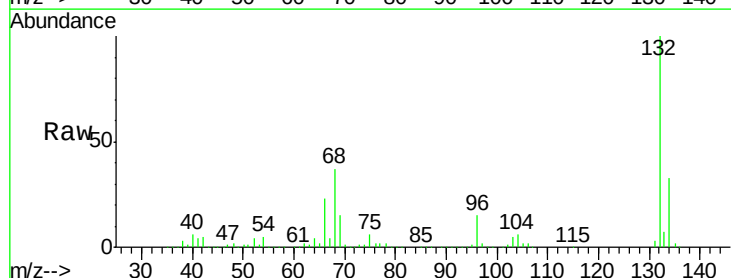
Tgt Ion: 77 Resp: 8878

Ion Ratio Lower Upper

77 100

105 83.1 71.8 111.8

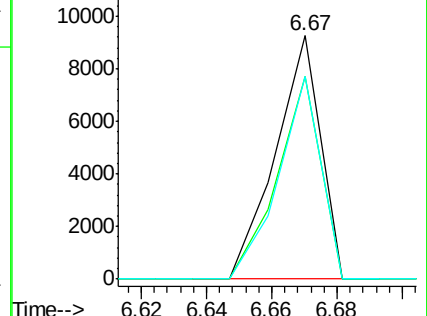
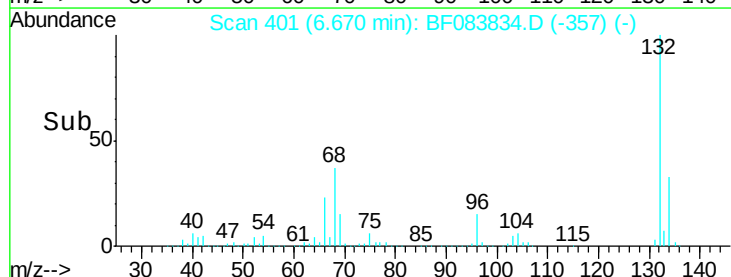
106 83.2 66.8 106.8

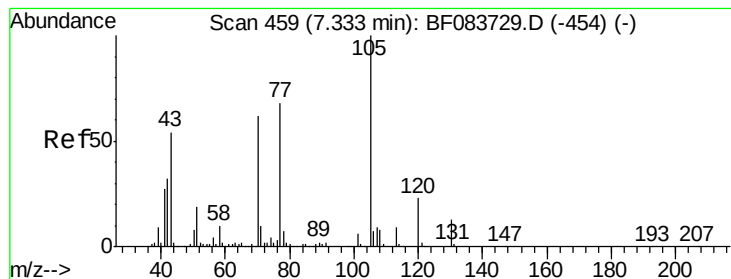


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 13.44 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.11 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-S

Tgt Ion: 70 Resp: 59885

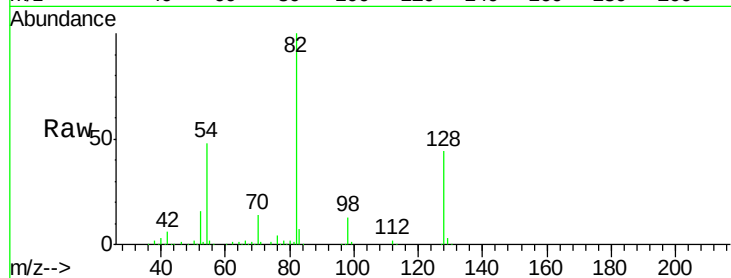
Ion Ratio Lower Upper

70 100

42 41.7 49.2 73.8#

101 0.0 7.1 10.7#

130 2.2 15.4 23.0#



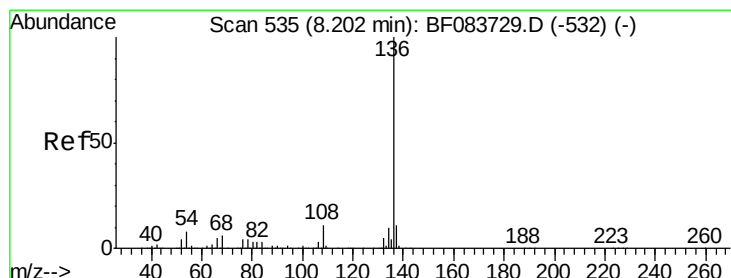
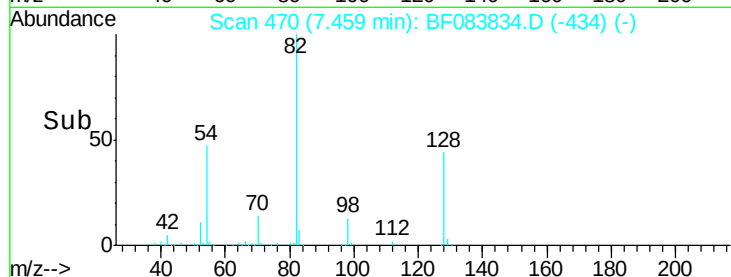
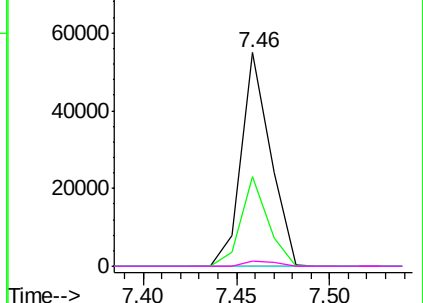
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 534

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Tgt Ion: 136 Resp: 350000

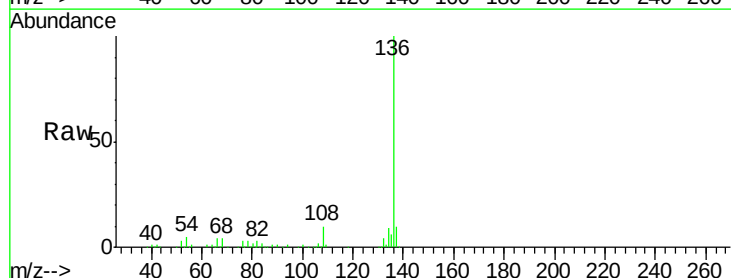
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 4.6 7.8 11.6#

68 4.3 5.7 8.5#



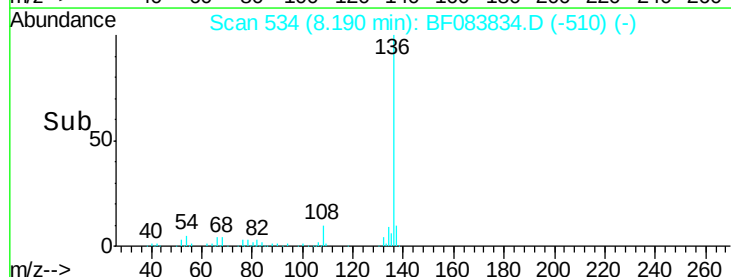
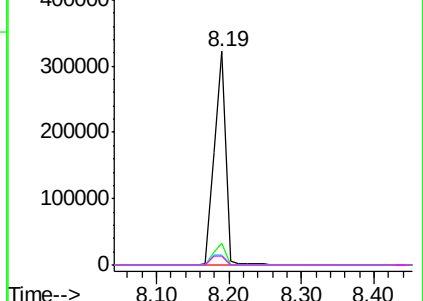
Abundance

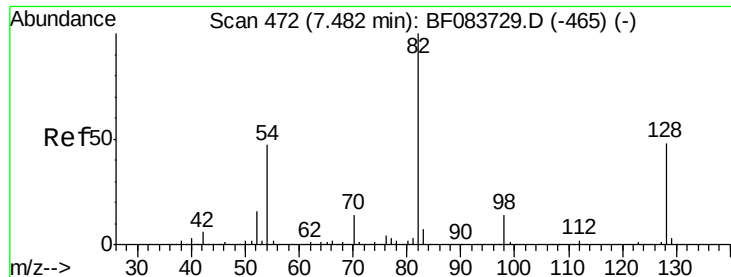
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

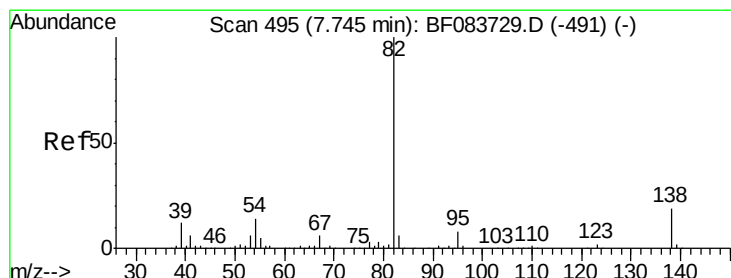
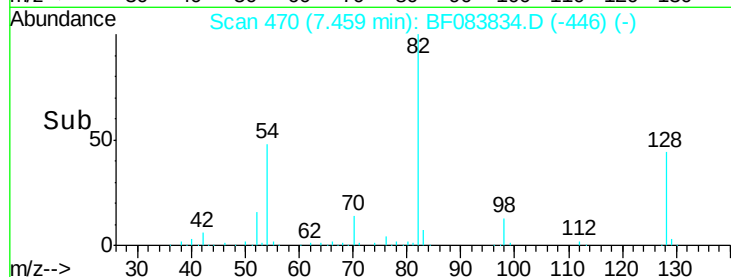
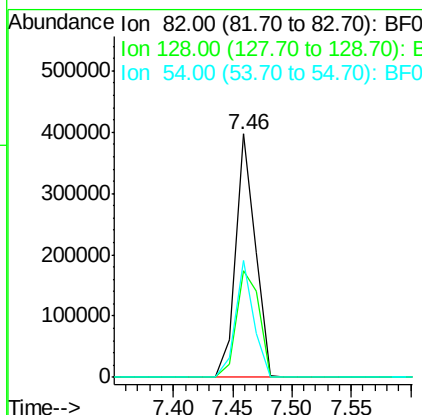
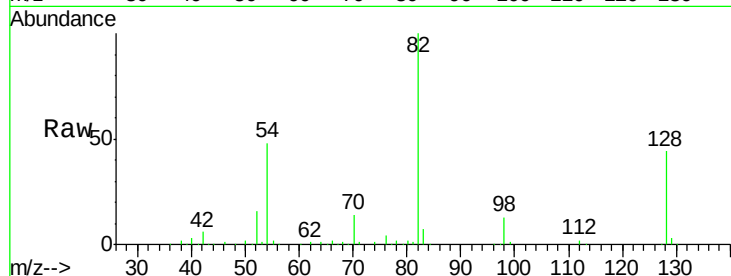




#23
 Nitrobenzene-d5
 Concen: 73.42 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

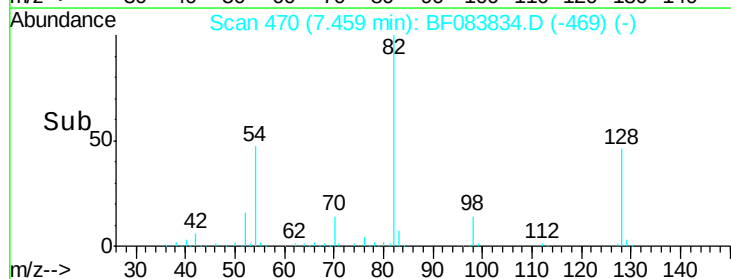
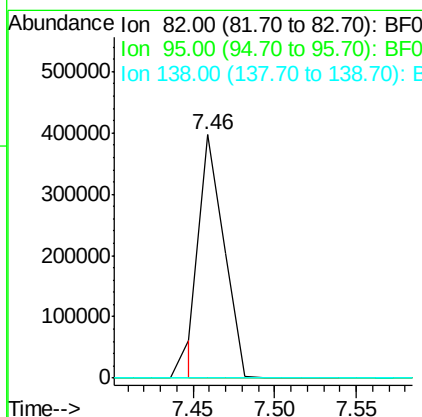
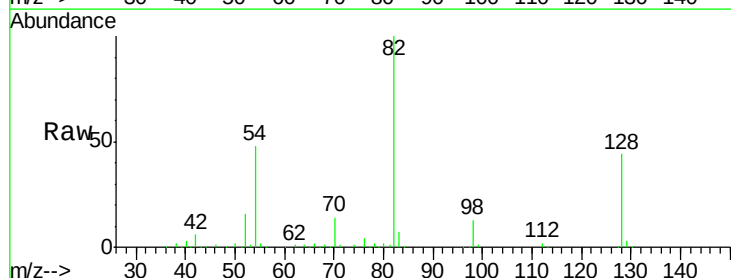
Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

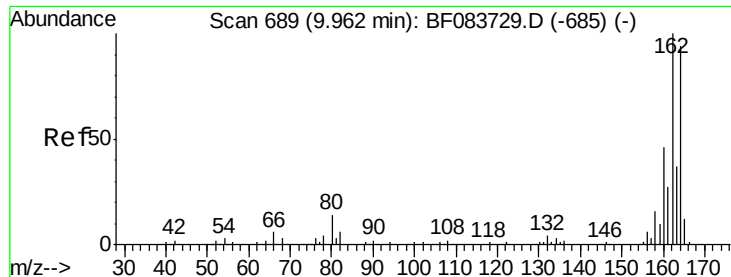
Tgt Ion: 82 Resp: 459334
 Ion Ratio Lower Upper
 82 100
 128 44.1 30.7 46.1
 54 47.9 42.5 63.7



#25
 Isophorone
 Concen: 33.70 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion: 82 Resp: 413585
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.0 7.4#
 138 0.0 12.1 18.1#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-S

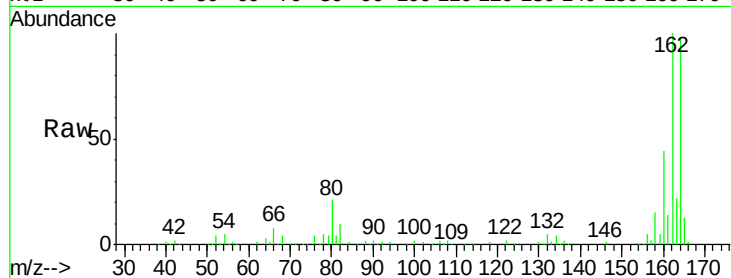
Tgt Ion:164 Resp: 152811

Ion Ratio Lower Upper

164 100

162 101.6 78.8 118.2

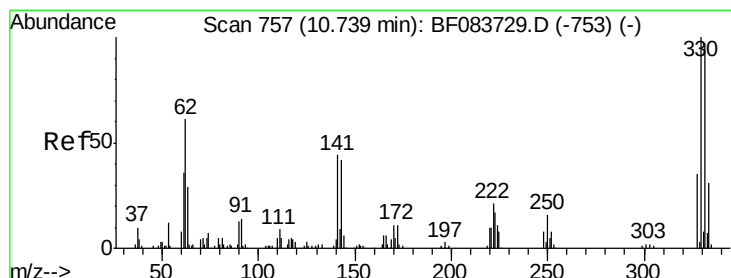
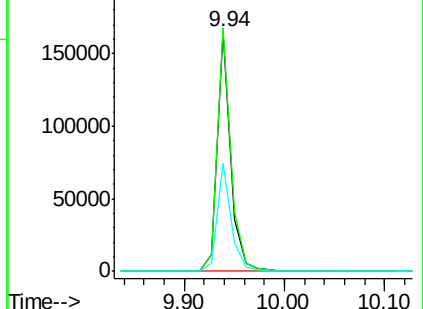
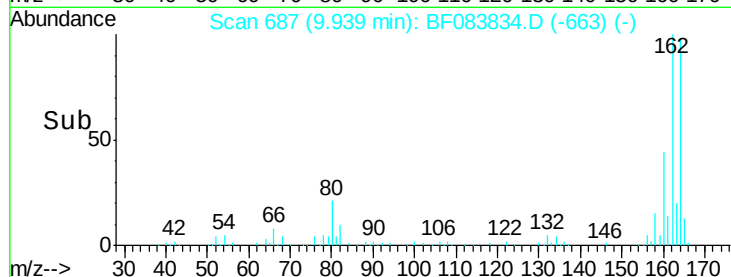
160 45.2 33.4 50.2



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: 81.03 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

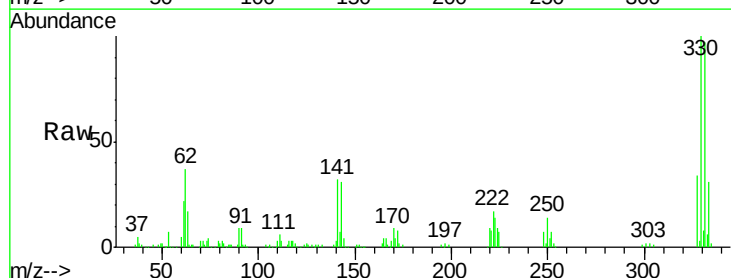
Tgt Ion:330 Resp: 126177

Ion Ratio Lower Upper

330 100

332 97.7 0.0 0.0#

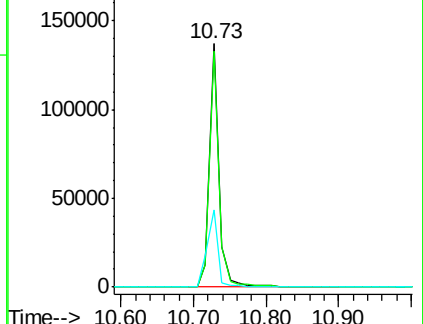
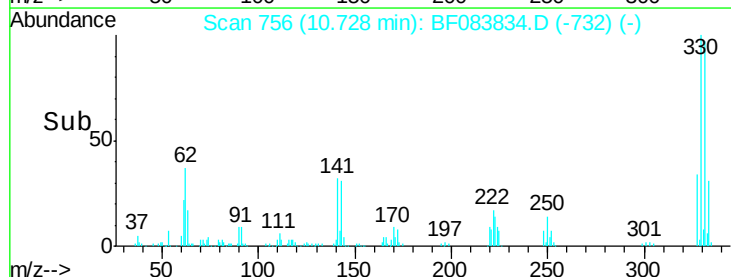
141 36.3 0.0 0.0#

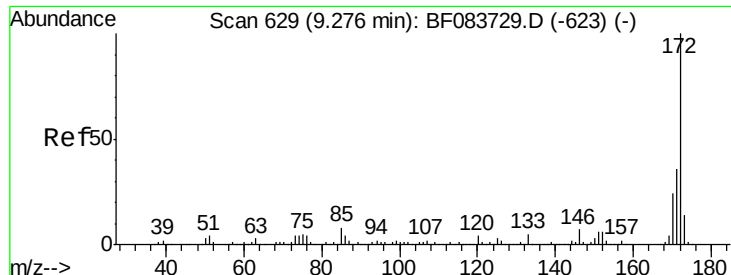


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

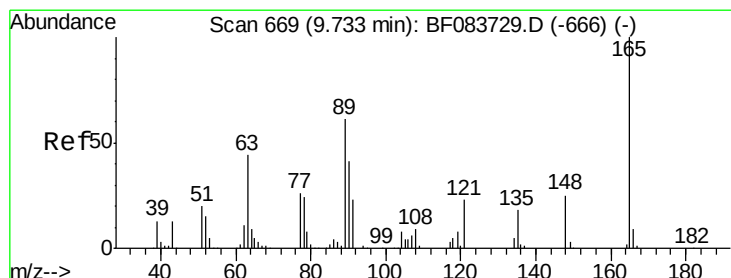
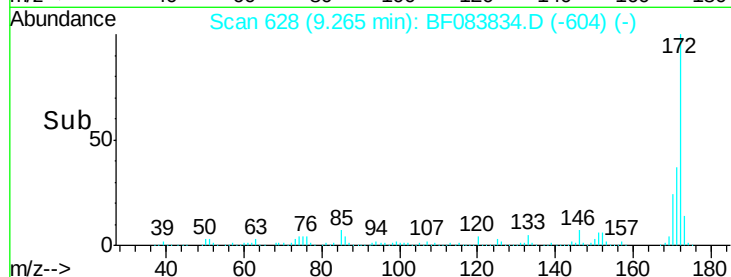
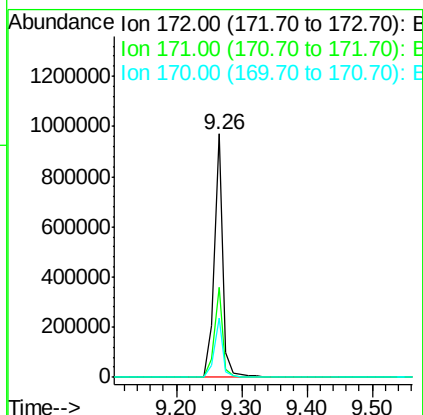
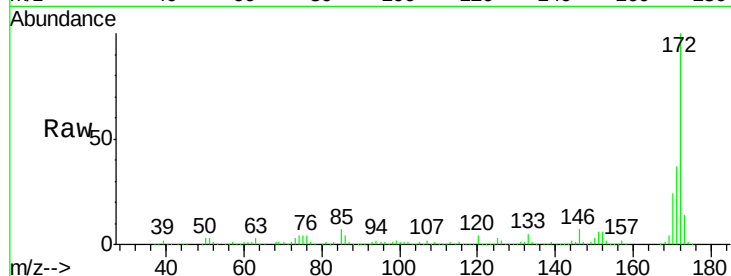




#44
 2-Fluorobiphenyl
 Concen: 89.45 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

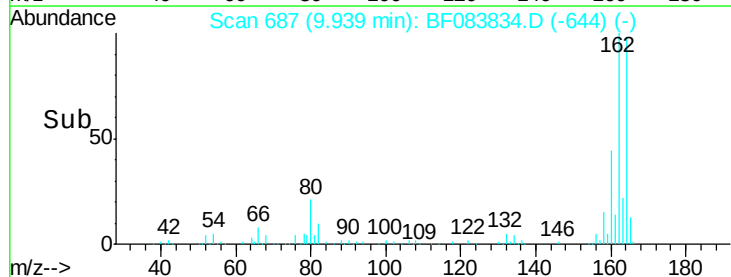
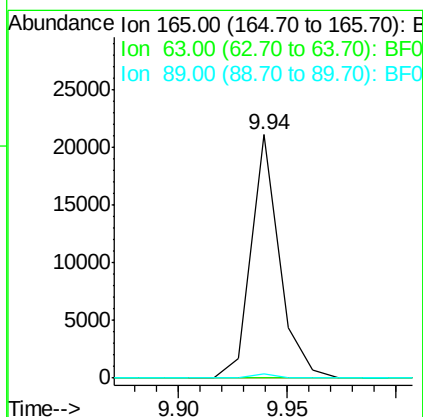
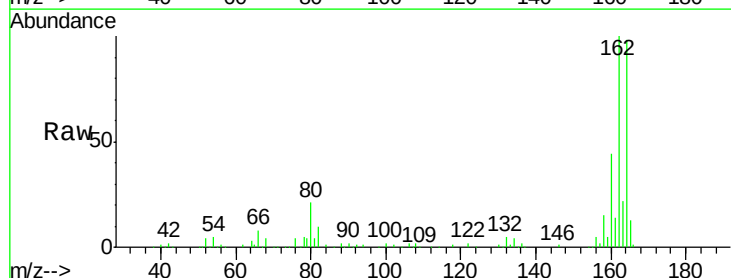
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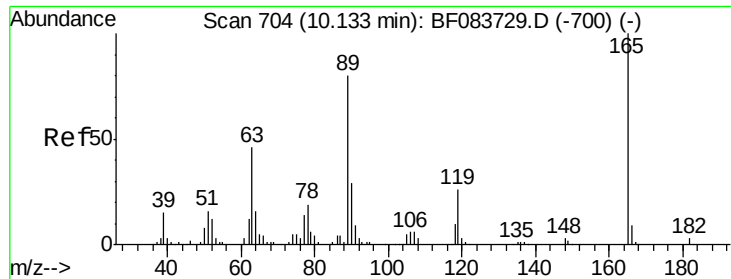
Tgt Ion:172 Resp: 917961
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.6 42.8
 170 24.3 19.4 29.0



#50
 2,6-Dinitrotoluene
 Concen: 7.53 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.19 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion:165 Resp: 19032
 Ion Ratio Lower Upper
 165 100
 63 0.0 56.9 85.3#
 89 1.7 52.1 78.1#





#56

2,4-Dinitrotoluene

Concen: 5.76 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.21 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

Instrument :

BNA_F

ClientSampleId :

121115-D534-F-U-S

Tgt Ion:165 Resp: 19033

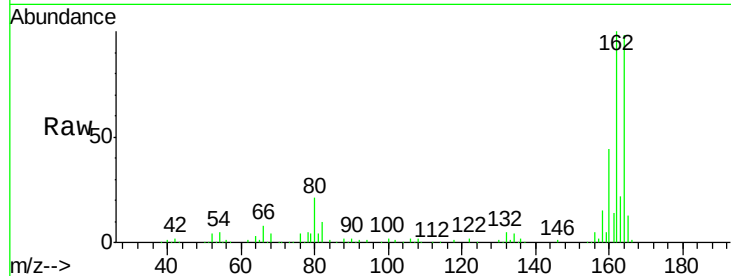
Ion Ratio Lower Upper

165 100

63 0.0 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

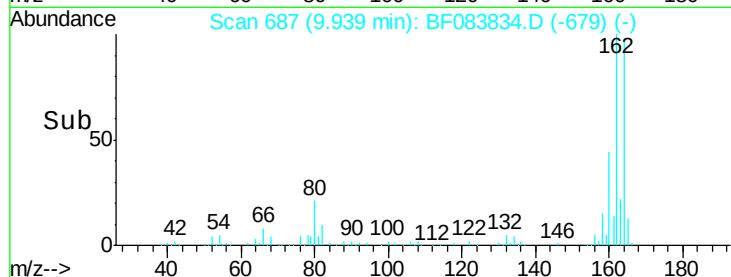


Abundance Ion 165.00 (164.70 to 165.70): E

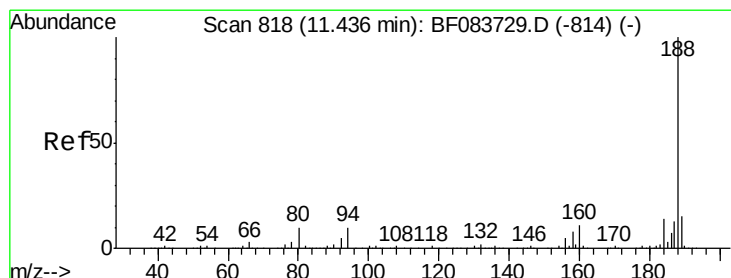
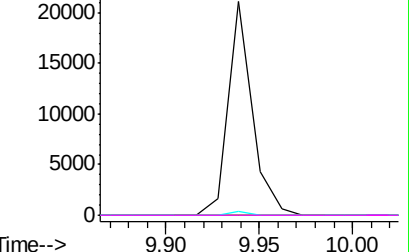
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.42 min Scan# 817

Delta R.T. -0.02 min

Lab File: BF083834.D

Acq: 16 Dec 2015 00:55

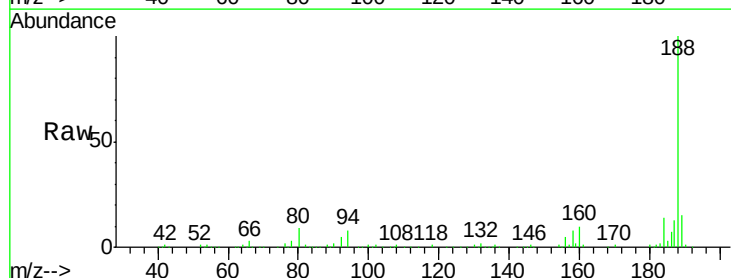
Tgt Ion:188 Resp: 266504

Ion Ratio Lower Upper

188 100

94 8.5 9.4 14.2#

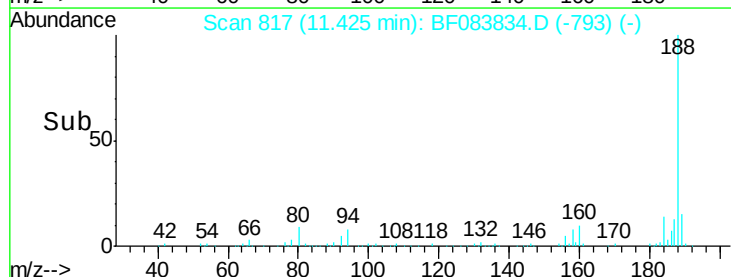
80 8.7 10.6 16.0#



Abundance Ion 188.00 (187.70 to 188.70): E

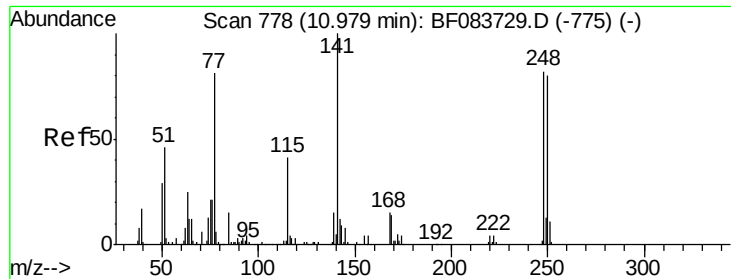
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->

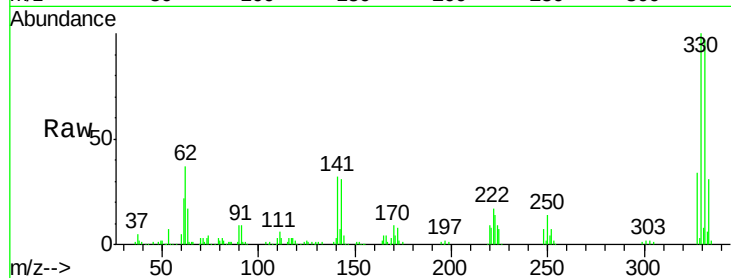




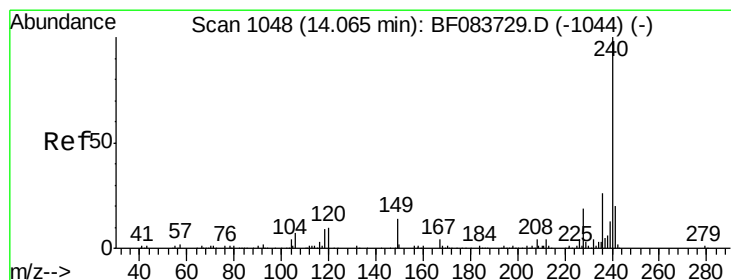
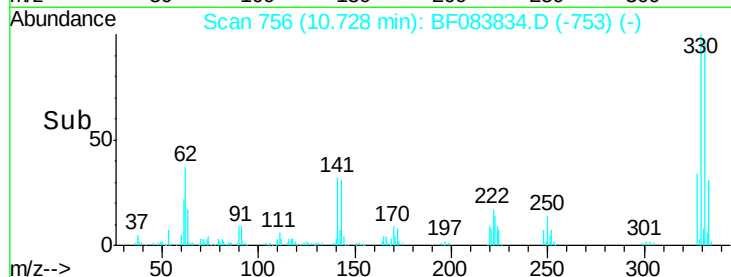
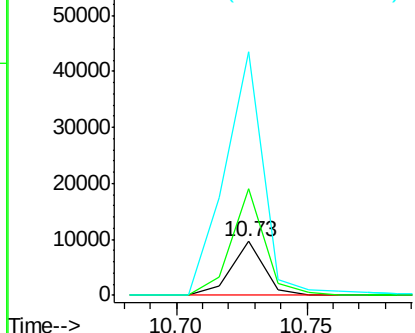
#66
 4-Bromophenyl-phenylether
 Concen: 2.82 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.26 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Tgt Ion:248 Resp: 8411
 Ion Ratio Lower Upper
 248 100
 250 197.7 79.2 118.8#
 141 451.7 58.2 87.4#

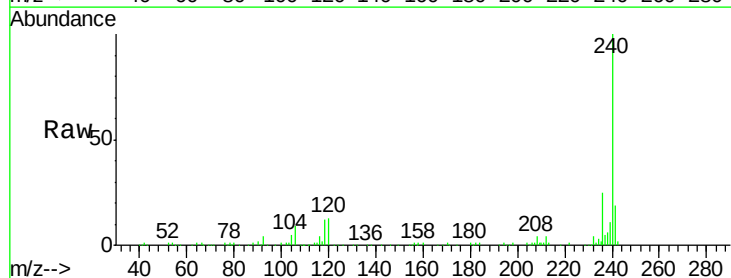


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

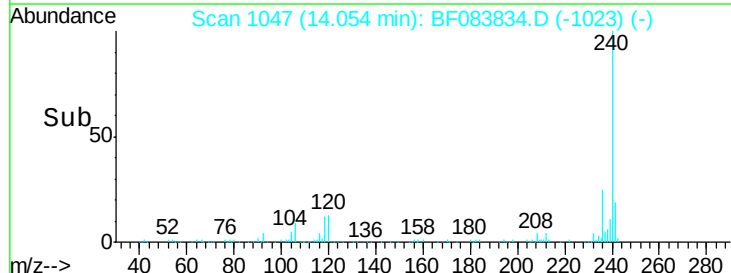
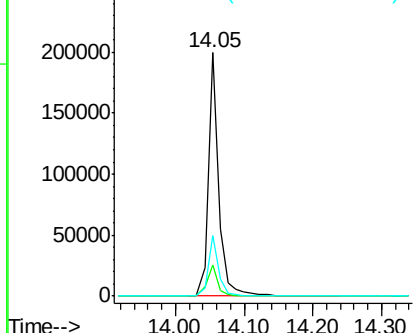


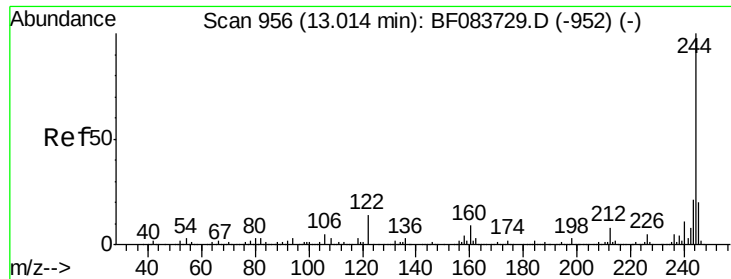
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion:240 Resp: 209751
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.1 12.1#
 236 25.0 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

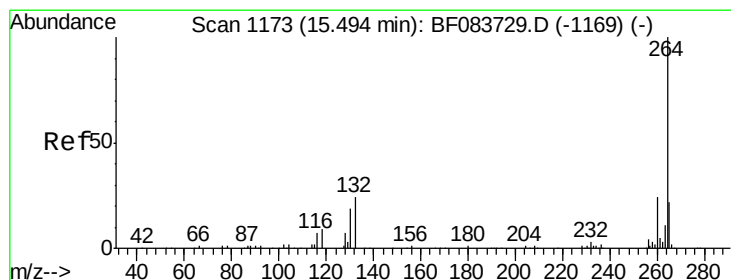
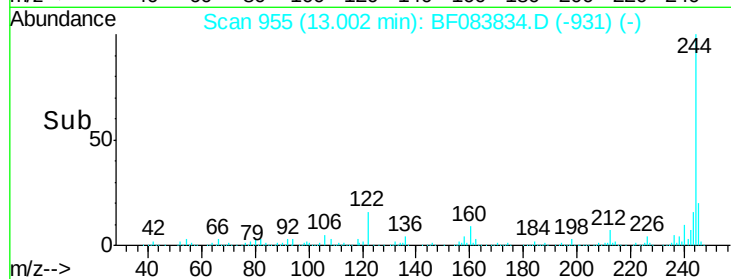
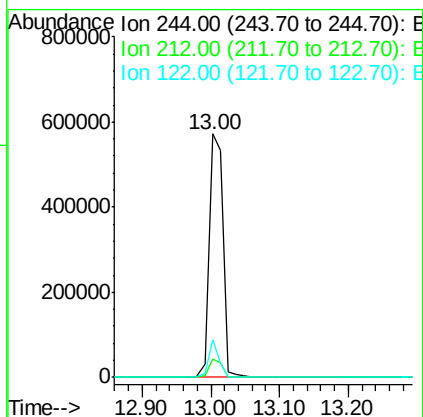
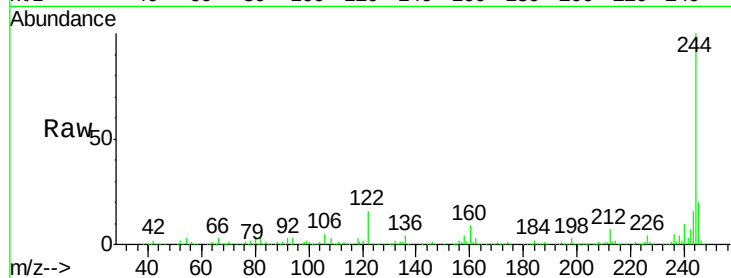




#78
 Terphenyl-d14
 Concen: 82.11 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Instrument :
 BNA_F
 ClientSampleId :
 121115-D534-F-U-S

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.1	9.1
122	15.5	11.0	16.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.49 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: BF083834.D
 Acq: 16 Dec 2015 00:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.8	26.6

