

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083846.D
 Acq On : 16 Dec 2015 14:18
 Operator : UM/SJ
 Sample : G4772-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Quant Time: Dec 17 03:21:58 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

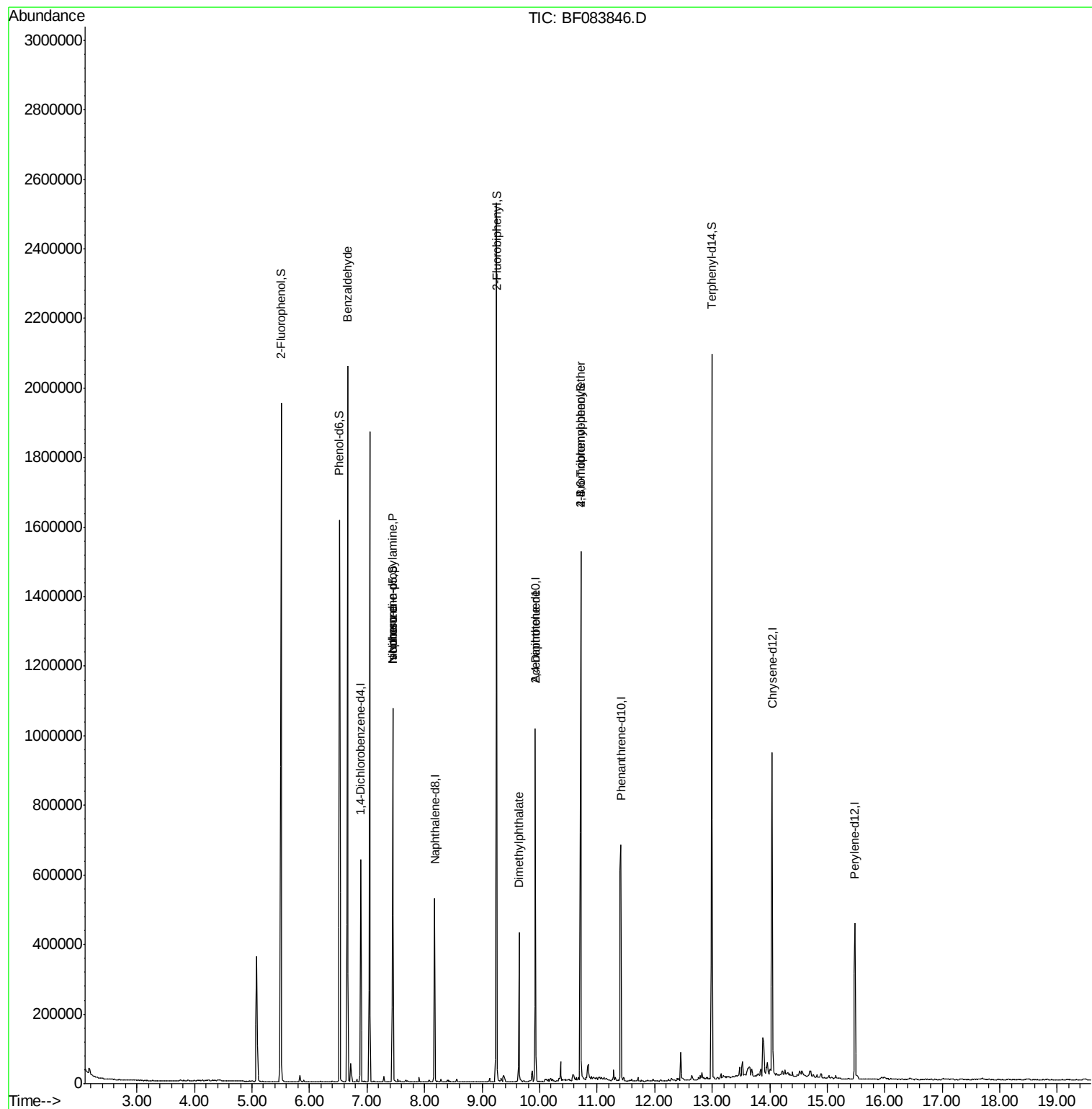
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	94672	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	372144	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	196650	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	358254	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	314368	20.00	ng	-0.03
86) Perylene-d12	15.48	264	220414	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	597958	101.89	ng	-0.02
7) Phenol-d6	6.52	99	688667	92.67	ng	-0.02
23) Nitrobenzene-d5	7.45	82	427424	64.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.72	330	208151	103.88	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	886885	60.86	ng	-0.03
78) Terphenyl-d14	12.99	244	719703	49.25	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.66	77	12846	3.22	ng	93
19) n-Nitroso-di-n-propylamine	7.45	70	56286	12.37	ng	# 71
25) Isophorone	7.45	82	375320	28.76	ng	# 69
49) Dimethylphthalate	9.64	163	161560	10.54	ng	98
56) 2,4-Dinitrotoluene	9.93	165	24743	5.82	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	14718	3.67	ng	# 1

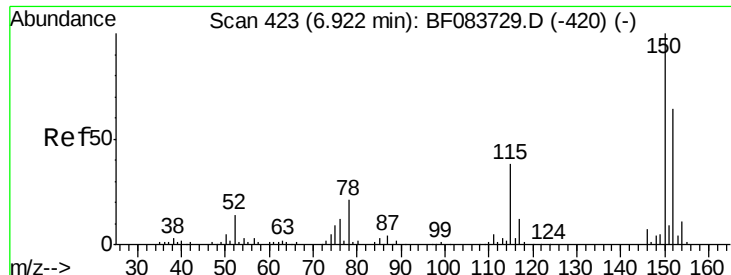
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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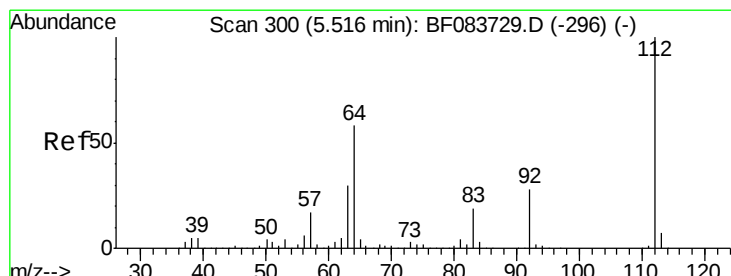
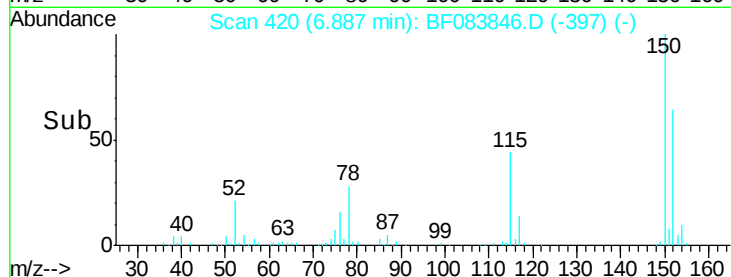
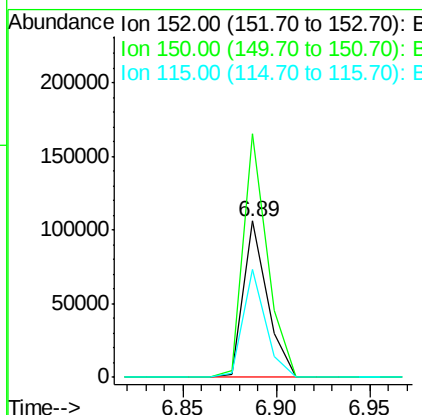
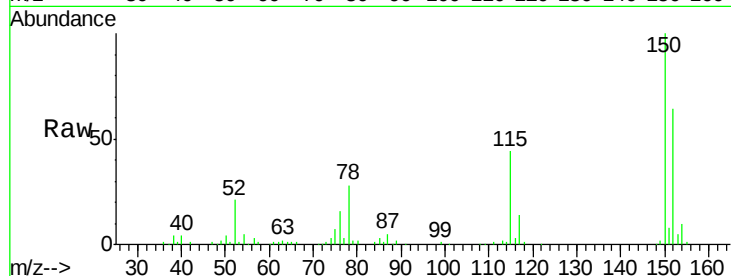




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

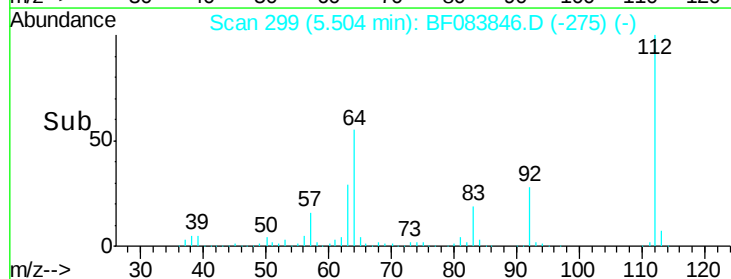
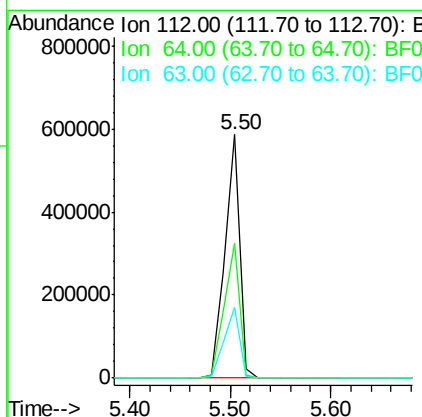
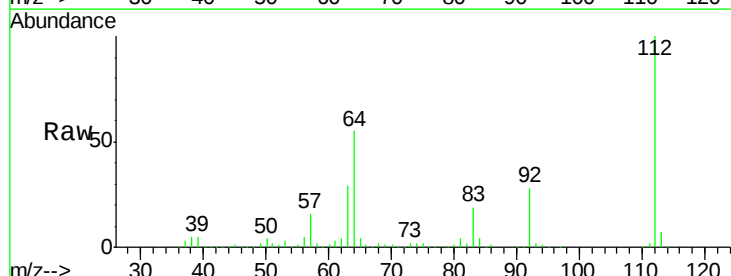
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

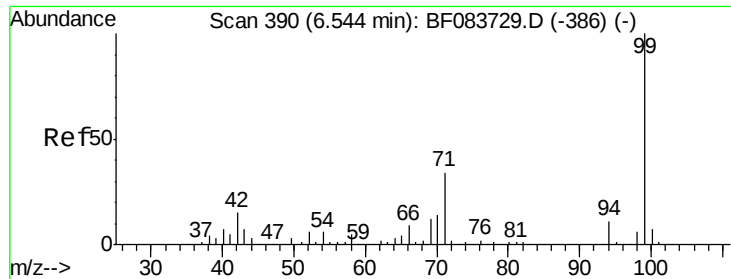
Tgt Ion:152 Resp: 94672
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.5 189.7
 115 68.7 52.3 78.5



#5
 2-Fluorophenol
 Concen: 101.89 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.02 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion:112 Resp: 597958
 Ion Ratio Lower Upper
 112 100
 64 55.2 50.5 75.7
 63 28.9 25.8 38.6





#7

Phenol-d6

Concen: 92.67 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6A

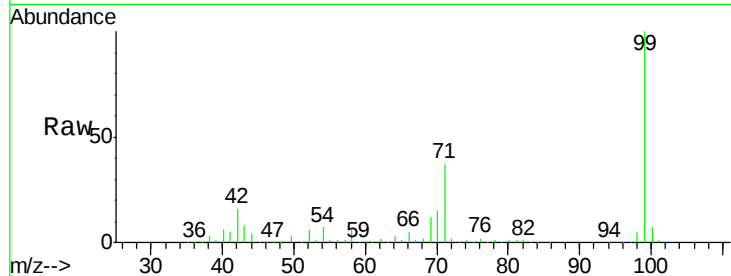
Tgt Ion: 99 Resp: 688667

Ion Ratio Lower Upper

99 100

42 15.9 17.3 25.9#

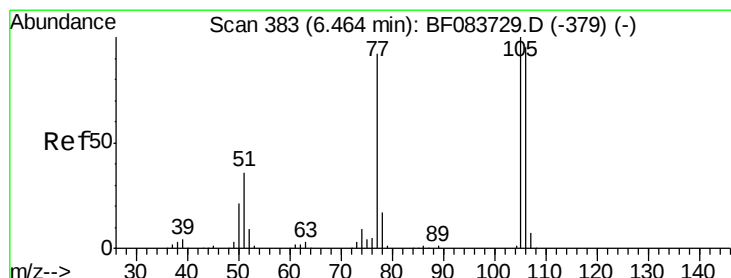
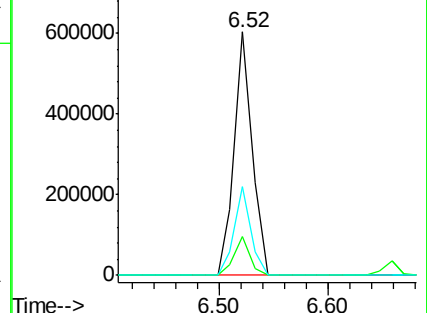
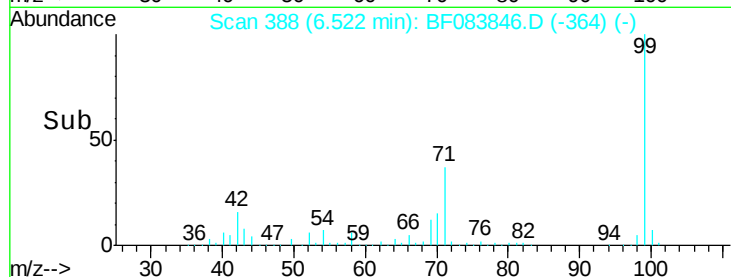
71 36.5 26.6 40.0



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: 3.22 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

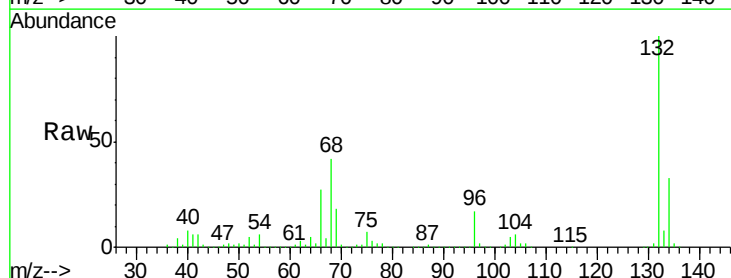
Tgt Ion: 77 Resp: 12846

Ion Ratio Lower Upper

77 100

105 83.3 71.8 111.8

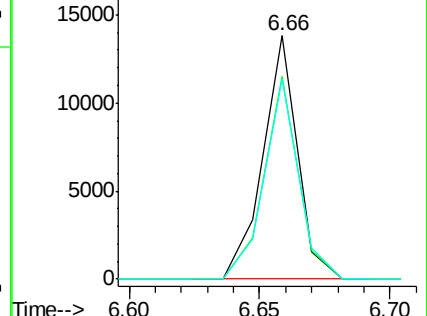
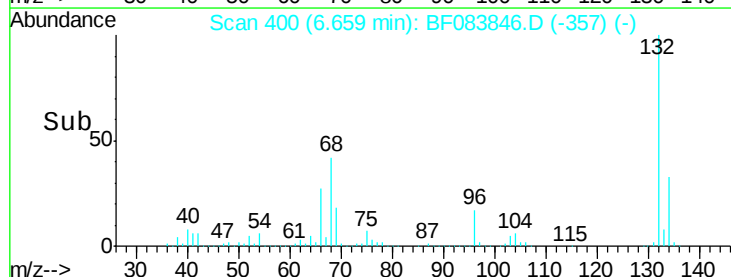
106 82.3 66.8 106.8

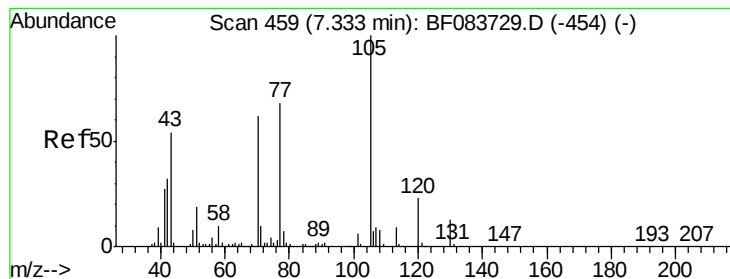


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 12.37 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.10 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6A

Tgt Ion: 70 Resp: 56286

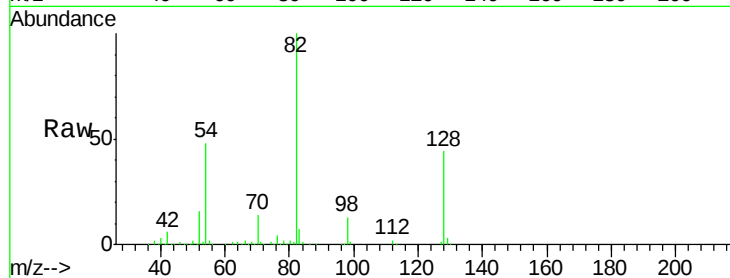
Ion Ratio Lower Upper

70 100

42 40.6 49.2 73.8#

101 0.0 7.1 10.7#

130 2.0 15.4 23.0#



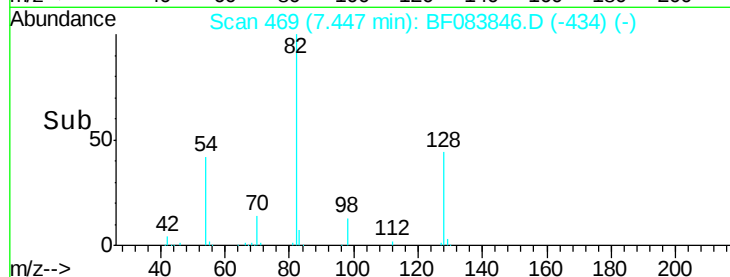
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

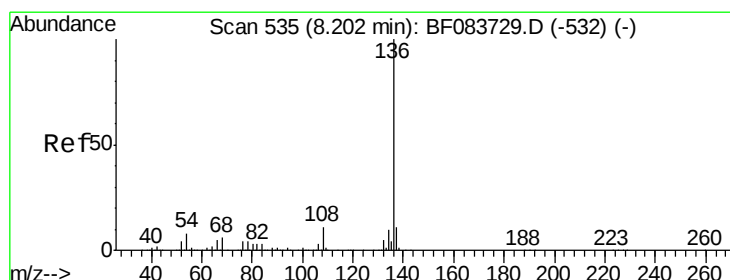
Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

Time-->



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.03 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

Tgt Ion: 136 Resp: 372144

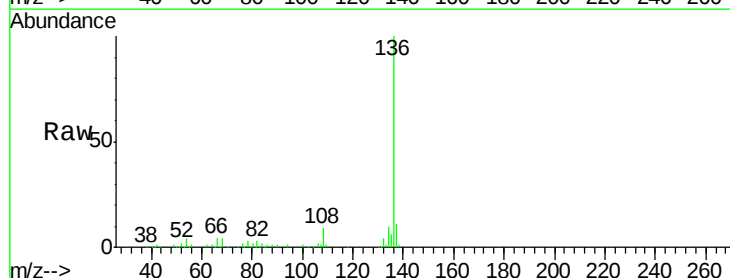
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 4.4 7.8 11.6#

68 3.8 5.7 8.5#



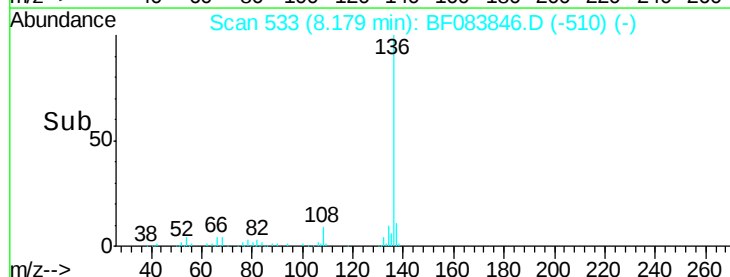
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

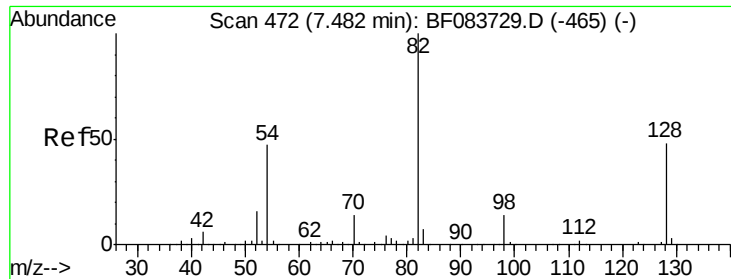
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

Time-->



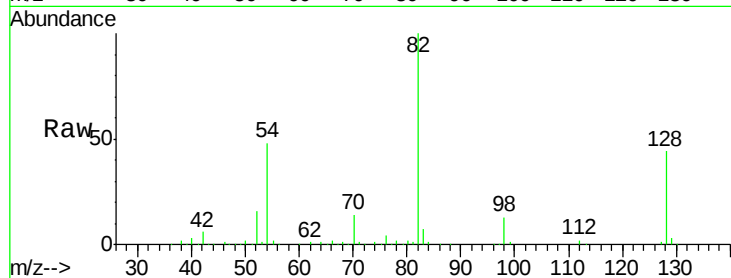
Time-->



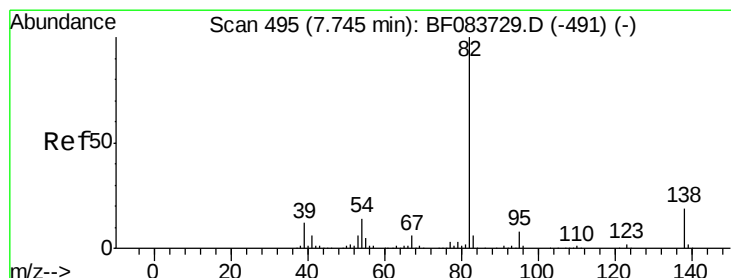
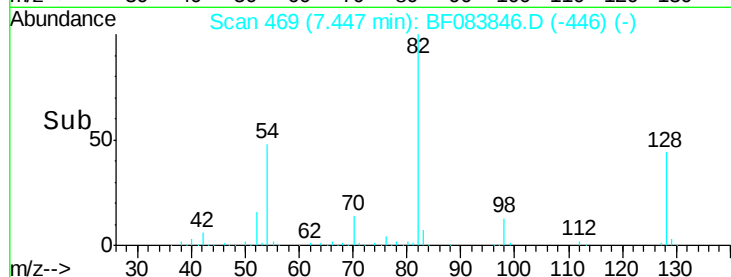
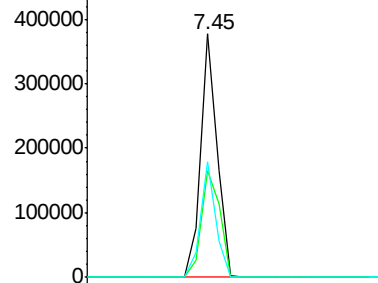
#23
 Nitrobenzene-d5
 Concen: 64.26 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion: 82 Resp: 427424
 Ion Ratio Lower Upper
 82 100
 128 44.0 30.7 46.1
 54 47.5 42.5 63.7

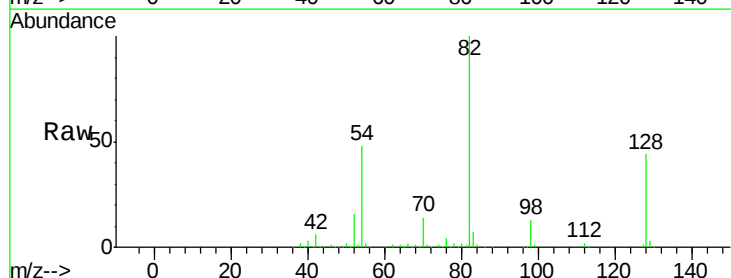


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

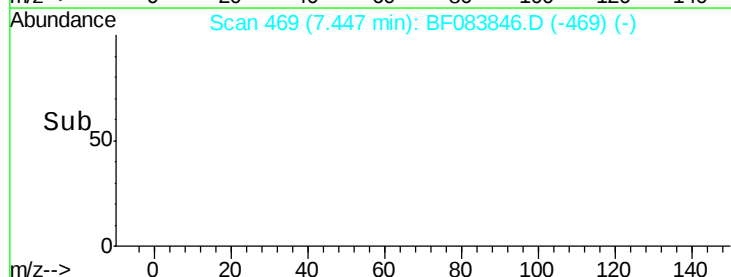
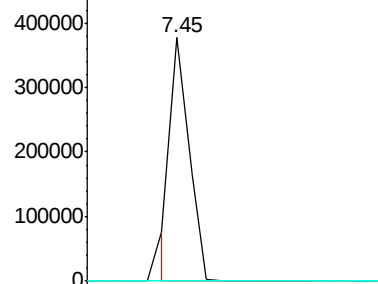


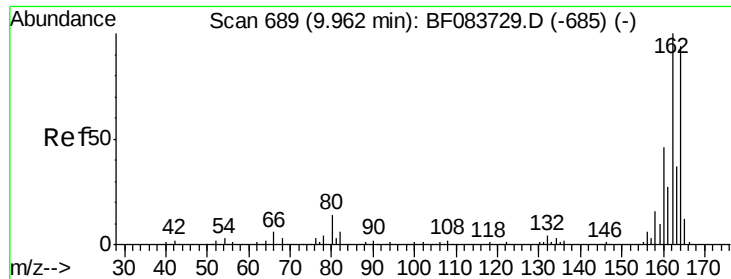
#25
 Isophorone
 Concen: 28.76 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.30 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion: 82 Resp: 375320
 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

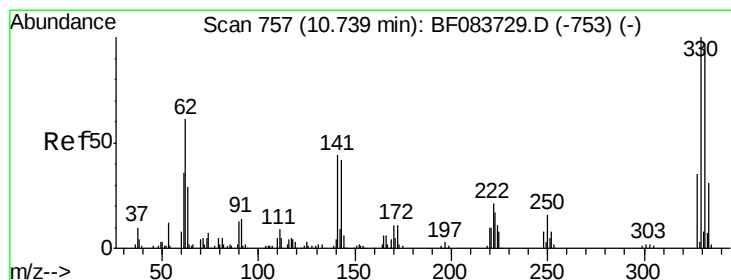
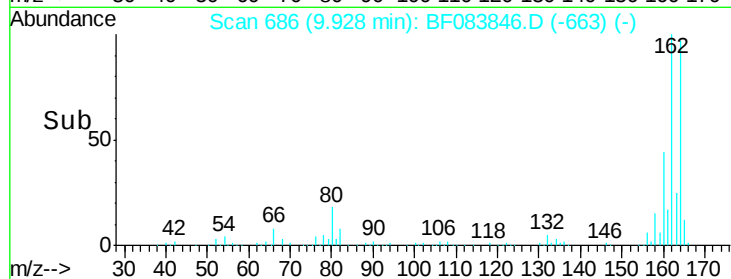
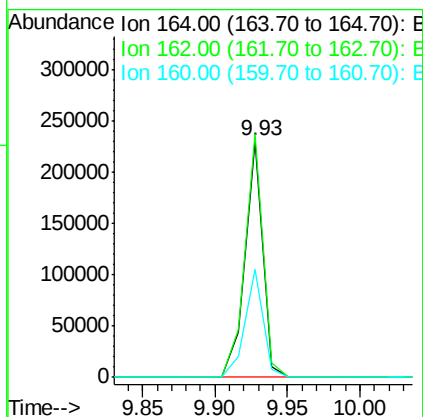
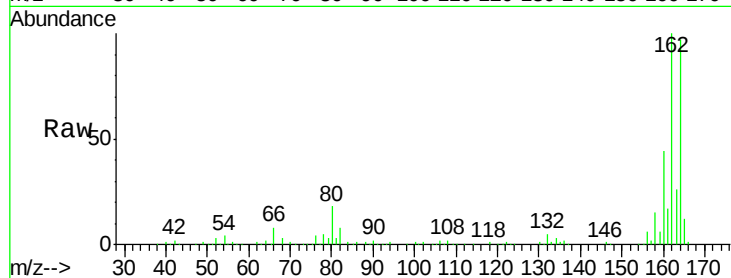




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 686
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

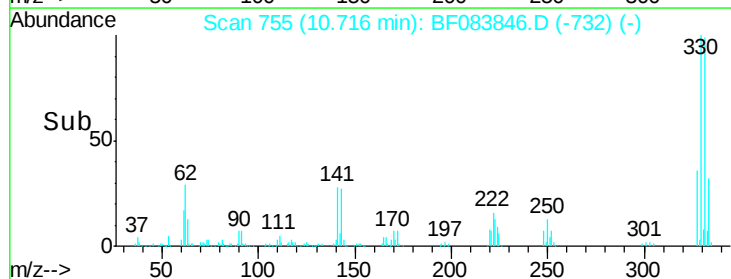
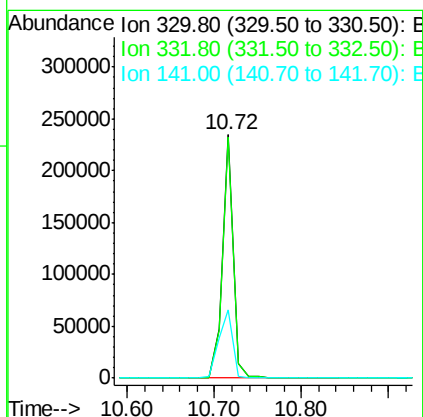
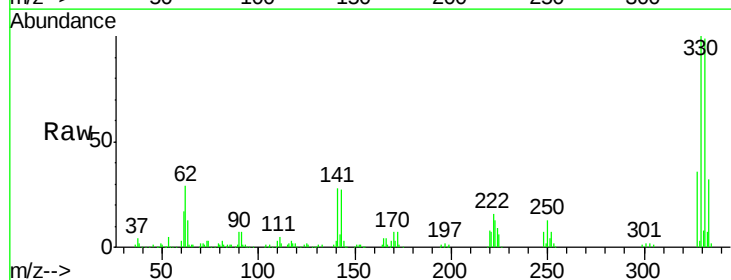
Instrument :
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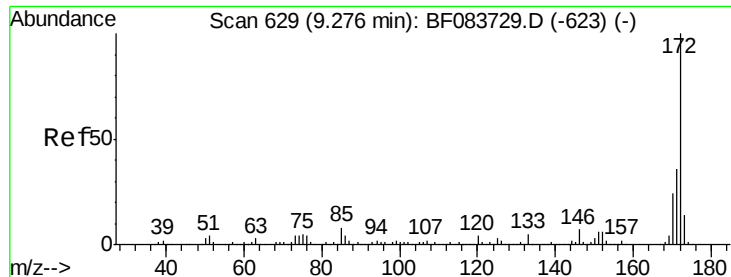
Tgt Ion:164 Resp: 196650
 Ion Ratio Lower Upper
 164 100
 162 103.2 78.8 118.2
 160 45.6 33.4 50.2



#41
 2,4,6-Tribromophenol
 Concen: 103.88 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion:330 Resp: 208151
 Ion Ratio Lower Upper
 330 100
 332 98.7 0.0 0.0#
 141 35.8 0.0 0.0#

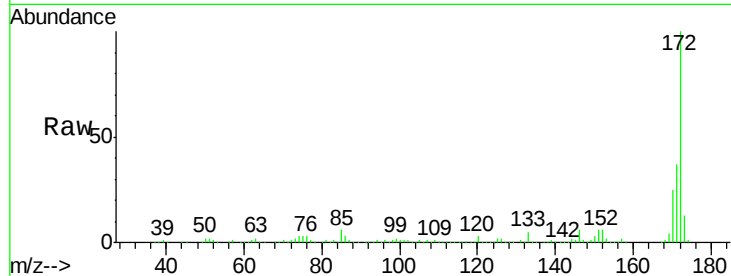




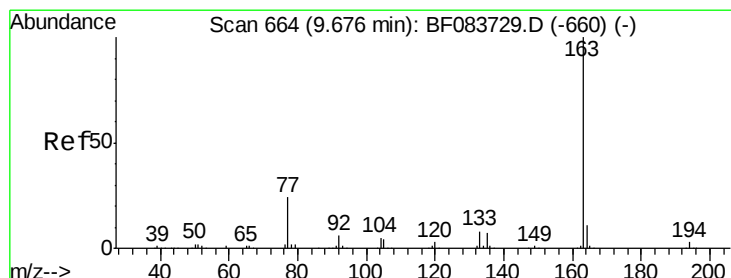
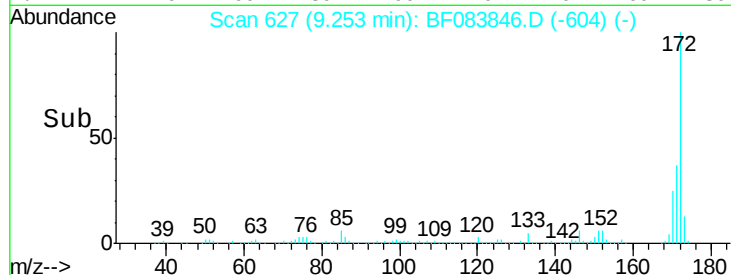
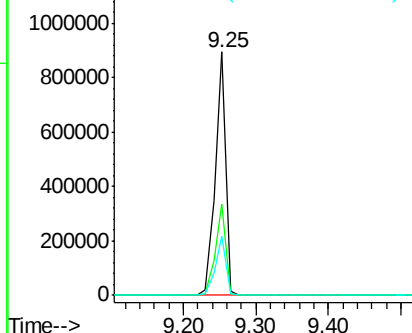
#44
 2-Fluorobiphenyl
 Concen: 60.86 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion:172 Resp: 886885
 Ion Ratio Lower Upper
 172 100
 171 37.3 28.6 42.8
 170 24.6 19.4 29.0

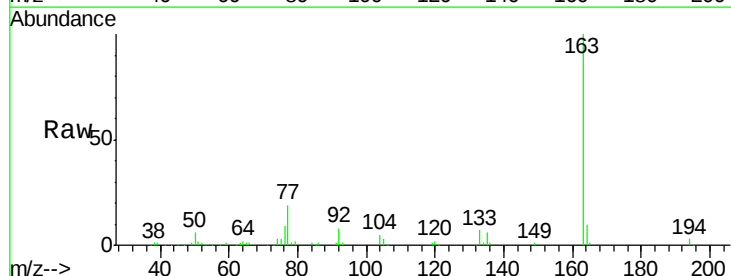


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

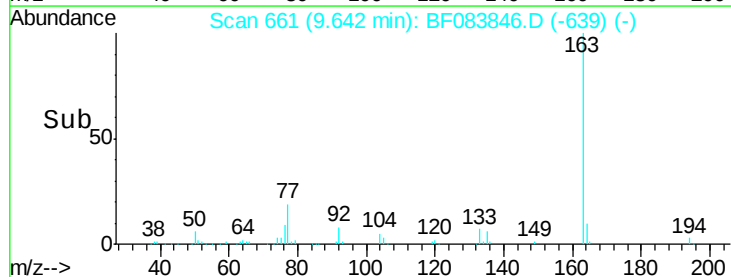
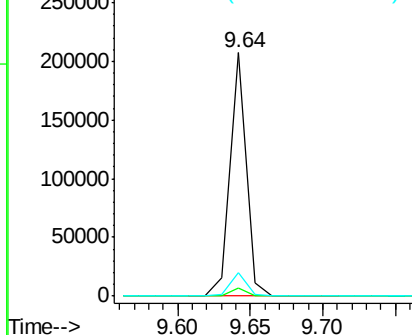


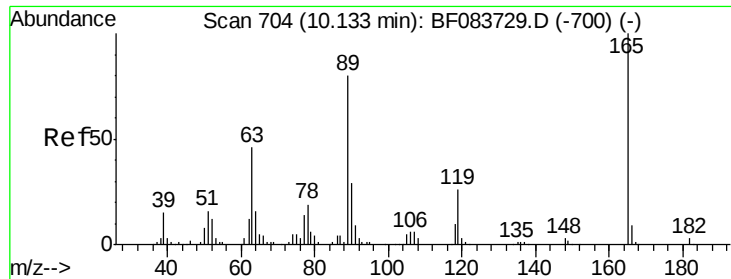
#49
 Dimethylphthalate
 Concen: 10.54 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.05 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion:163 Resp: 161560
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 9.9 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.82 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.22 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

Instrument :

BNA_F

ClientSampleId :

VITALE-FILL-SOURCE-6A

Tgt Ion:165 Resp: 24743

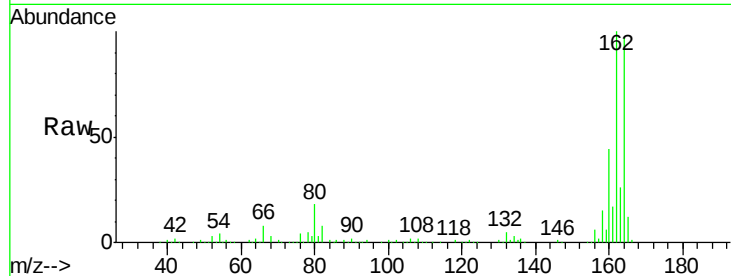
Ion Ratio Lower Upper

165 100

63 1.1 51.4 77.2#

89 1.7 72.6 108.8#

182 0.0 1.4 2.0#

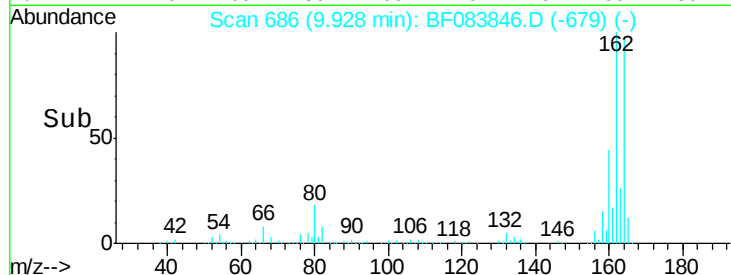


Abundance Ion 165.00 (164.70 to 165.70): E

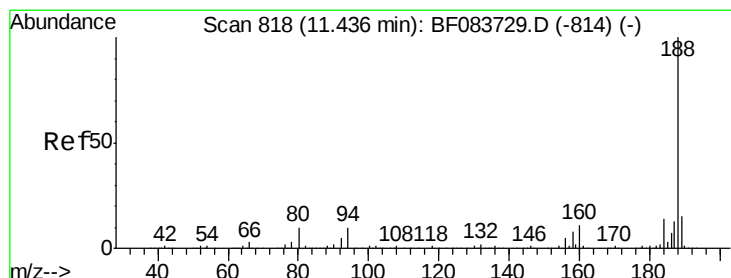
Ion 63.00 (62.70 to 63.70): BF0

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: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083846.D

Acq: 16 Dec 2015 14:18

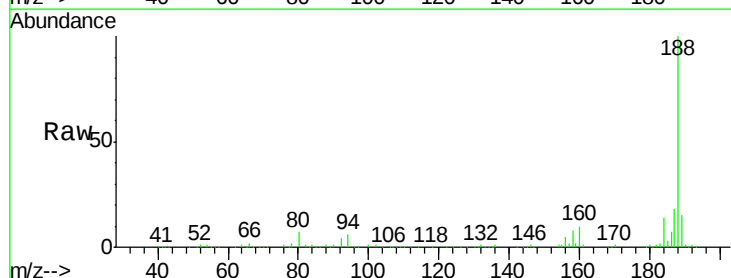
Tgt Ion:188 Resp: 358254

Ion Ratio Lower Upper

188 100

94 6.4 9.4 14.2#

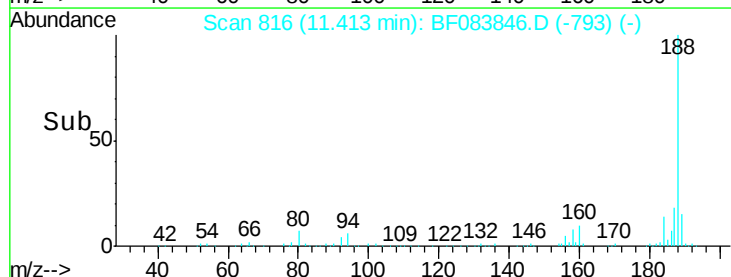
80 6.5 10.6 16.0#



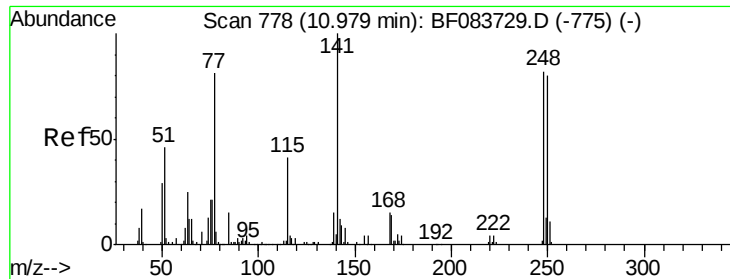
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



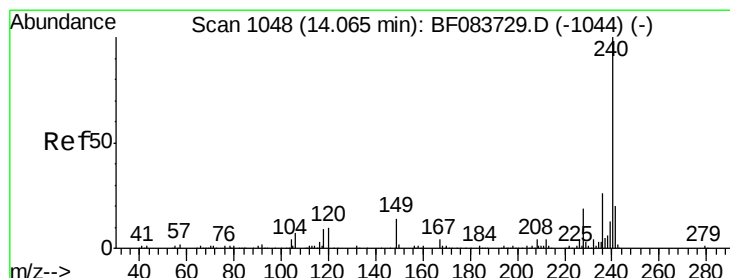
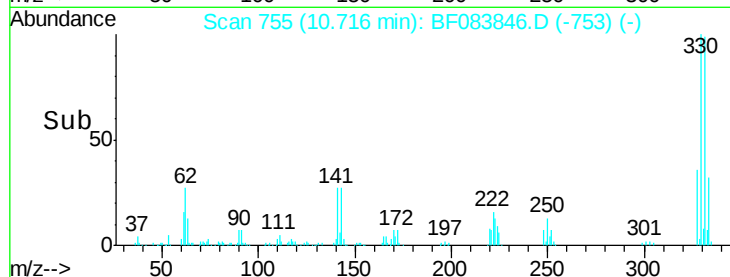
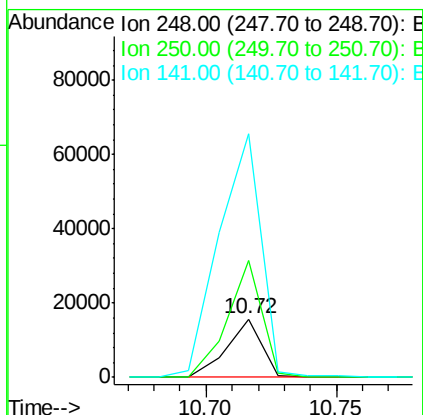
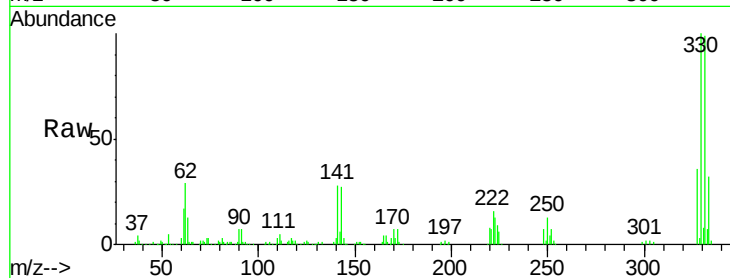
Time-->



#66
 4-Bromophenyl-phenylether
 Concen: 3.67 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.27 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

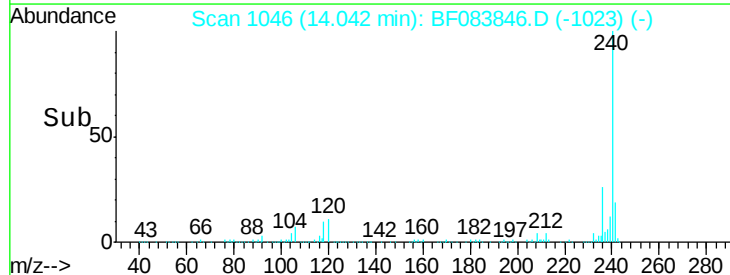
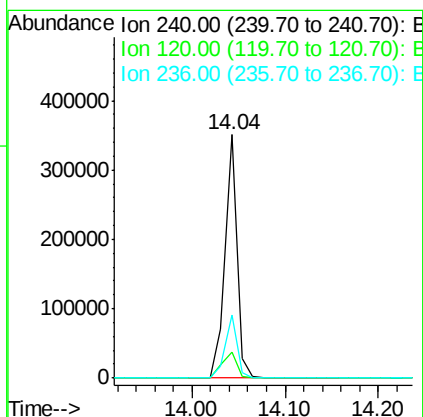
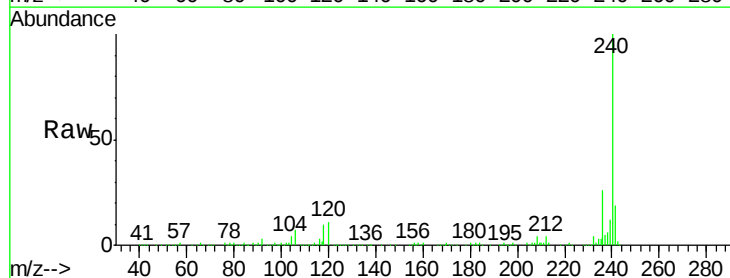
Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

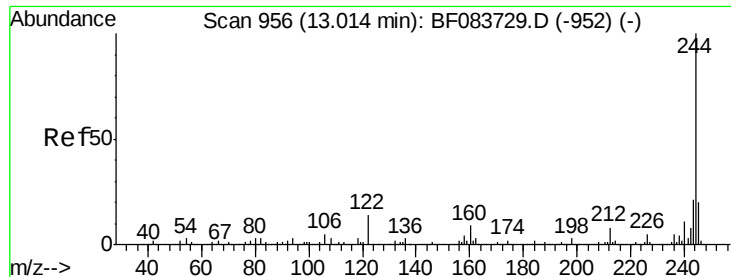
Tgt Ion:248 Resp: 14718
 Ion Ratio Lower Upper
 248 100
 250 200.7 79.2 118.8#
 141 419.8 58.2 87.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion:240 Resp: 314368
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 25.8 20.8 31.2

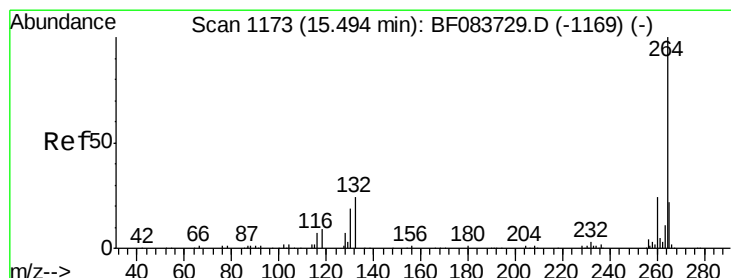
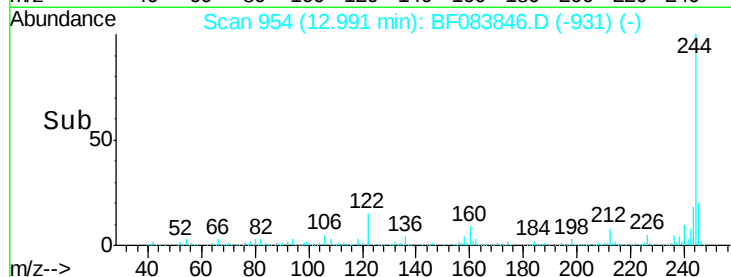
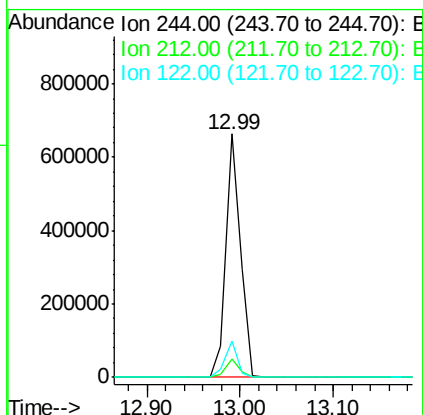
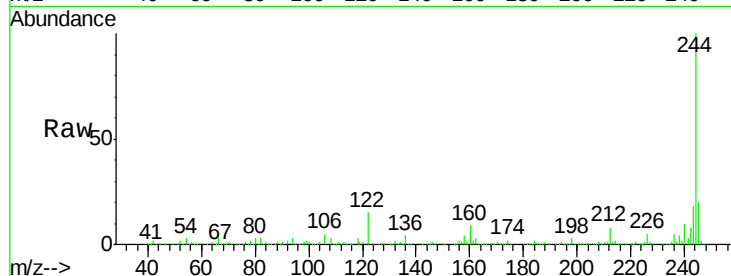




#78
 Terphenyl-d14
 Concen: 49.25 ng
 RT: 12.99 min Scan# 954
 Delta R.T. -0.03 min
 Lab File: BF083846.D
 Acq: 16 Dec 2015 14:18

Instrument :
 BNA_F
 ClientSampleId :
 VITALE-FILL-SOURCE-6A

Tgt Ion:244 Resp: 719703
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 14.7 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: BF083846.D
 Acq: 16 Dec 2015 14:18

Tgt Ion:264 Resp: 220414
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.0
 265 21.5 17.8 26.6

