

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121615\
 Data File : BF083851.D
 Acq On : 16 Dec 2015 16:37
 Operator : UM/SJ
 Sample : G4793-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

Quant Time: Dec 17 03:23:49 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

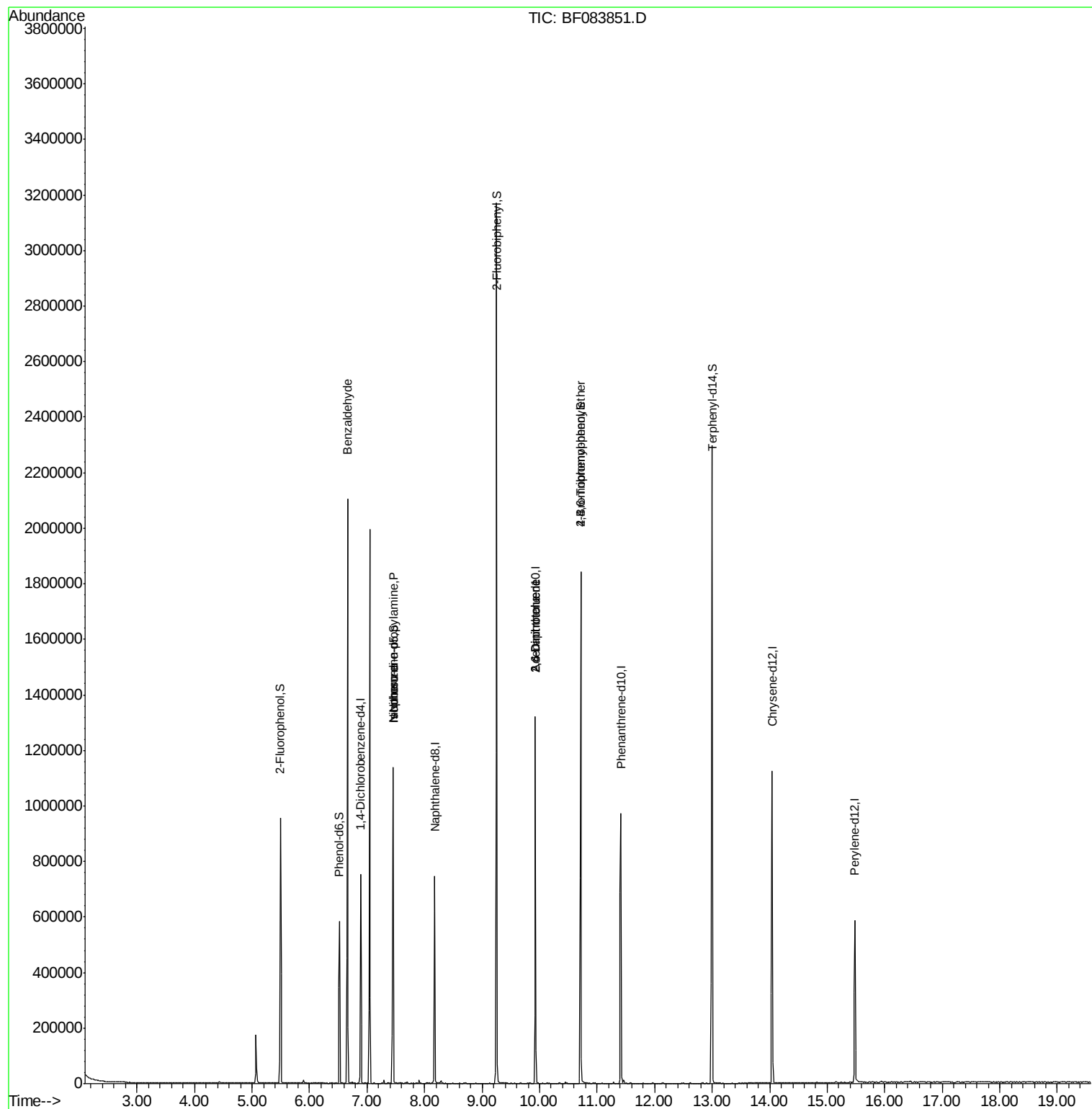
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	115584	20.00	ng	-0.03
21) Naphthalene-d8	8.18	136	494011	20.00	ng	-0.03
38) Acenaphthene-d10	9.93	164	250757	20.00	ng	-0.03
63) Phenanthrene-d10	11.41	188	465842	20.00	ng	-0.03
75) Chrysene-d12	14.04	240	385471	20.00	ng	-0.03
86) Perylene-d12	15.48	264	274126	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	304986	42.57	ng	-0.03
7) Phenol-d6	6.52	99	257709	28.40	ng	-0.02
23) Nitrobenzene-d5	7.46	82	577501	65.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.72	330	240460	94.11	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	1030388	54.33	ng	-0.03
78) Terphenyl-d14	13.00	244	1110205	61.95	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.66	77	13016	2.67	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.46	70	75880	13.66	ng	# 64
25) Isophorone	7.46	82	536016	30.94	ng	# 69
50) 2,6-Dinitrotoluene	9.93	165	32481	7.83	ng	# 17
56) 2,4-Dinitrotoluene	9.93	165	32484	5.99	ng	# 12
66) 4-Bromophenyl-phenylether	10.72	248	16731	3.21	ng	# 1

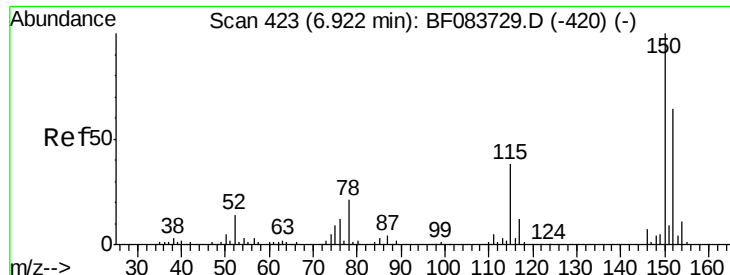
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

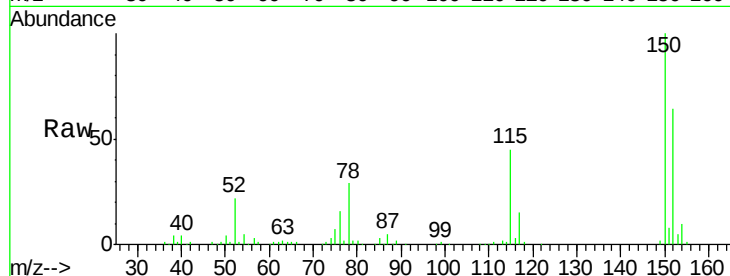
Tgt Ion:152 Resp: 115584

Ion Ratio Lower Upper

152 100

150 157.3 126.5 189.7

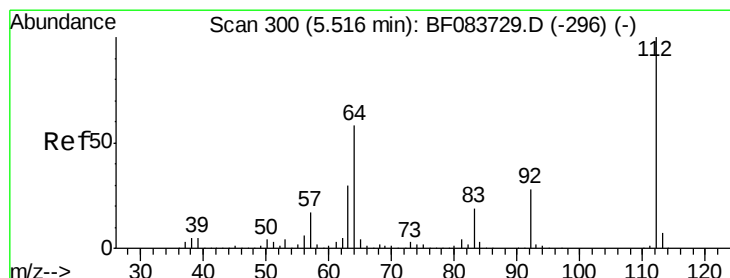
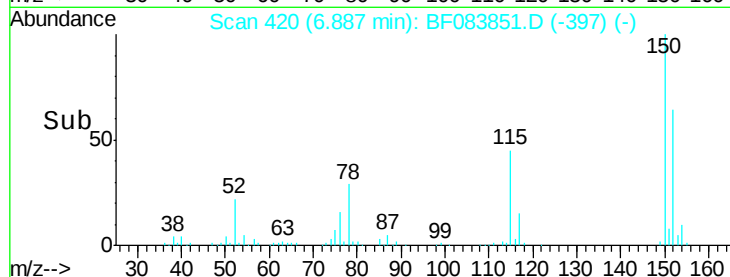
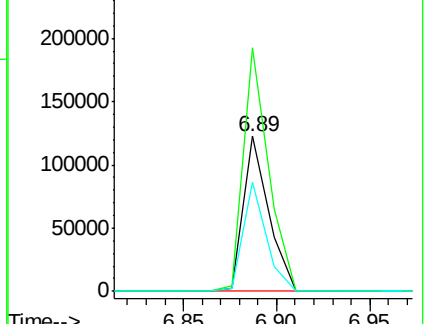
115 70.7 52.3 78.5



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: 42.57 ng

RT: 5.49 min Scan# 298

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

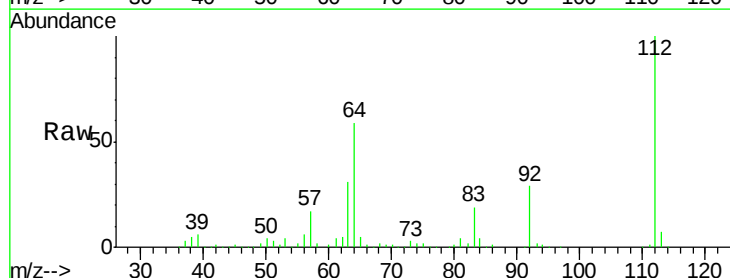
Tgt Ion:112 Resp: 304986

Ion Ratio Lower Upper

112 100

64 59.3 50.5 75.7

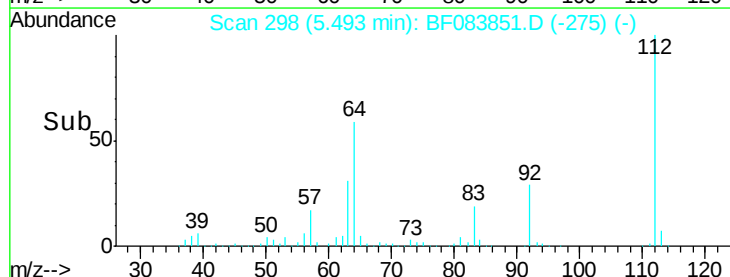
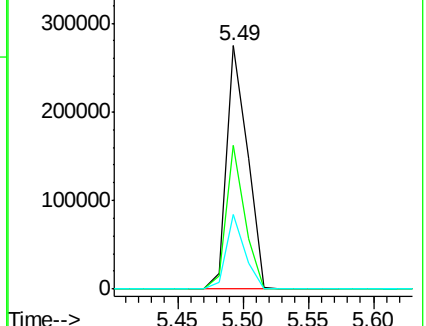
63 30.8 25.8 38.6



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: 28.40 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

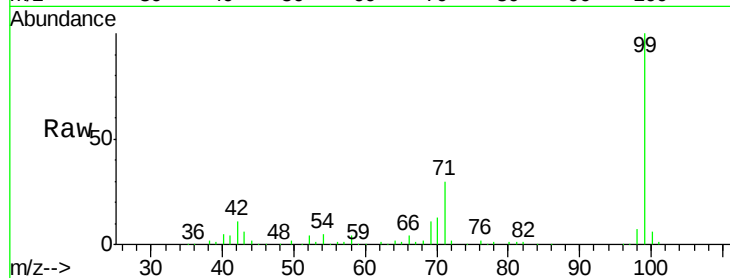
Tgt Ion: 99 Resp: 257709

Ion Ratio Lower Upper

99 100

42 11.3 17.3 25.9#

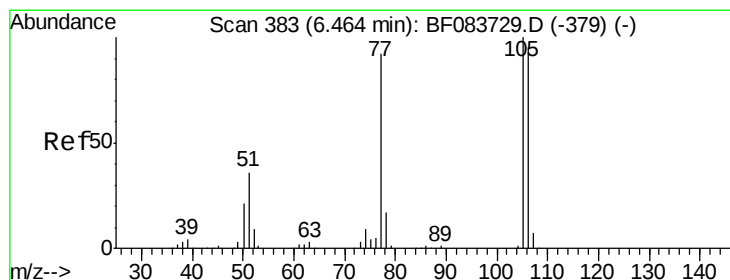
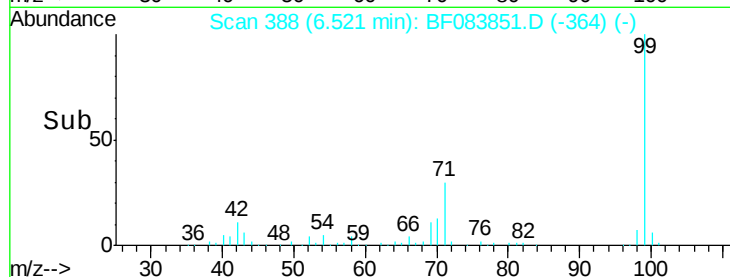
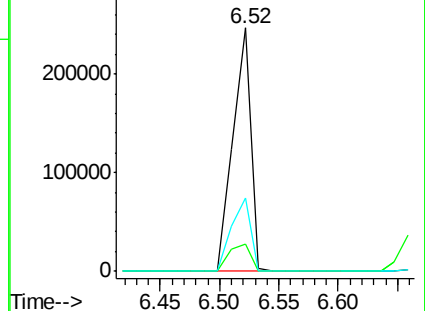
71 30.3 26.6 40.0



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: 2.67 ng

RT: 6.66 min Scan# 400

Delta R.T. 0.19 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

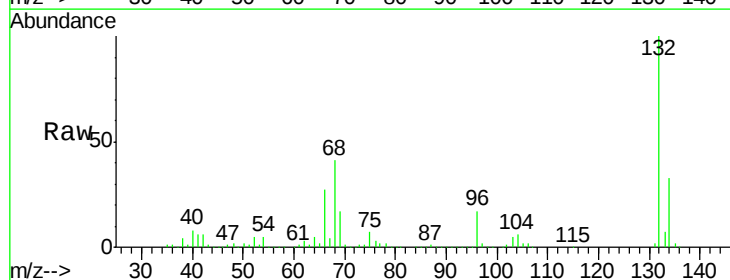
Tgt Ion: 77 Resp: 13016

Ion Ratio Lower Upper

77 100

105 87.4 71.8 111.8

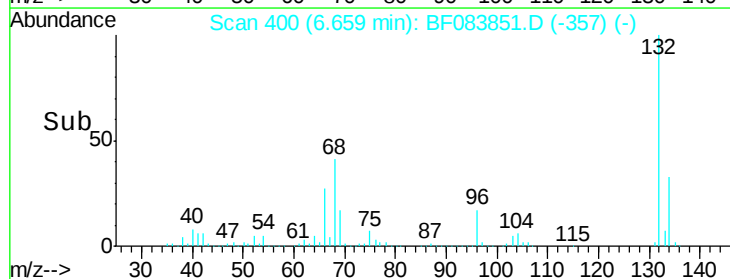
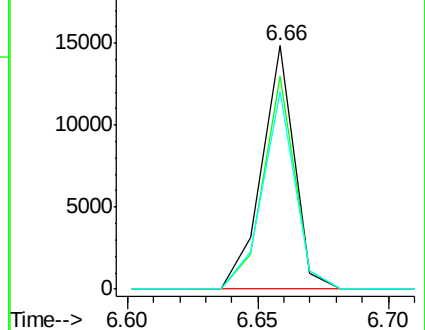
106 81.1 66.8 106.8

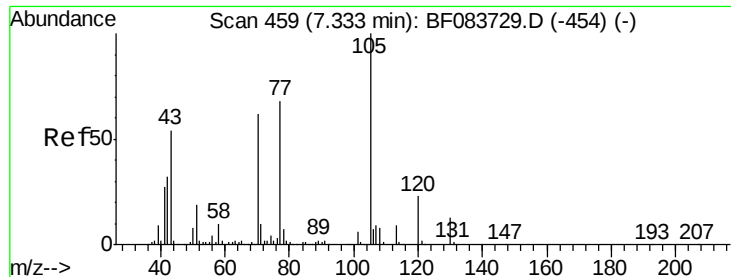


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

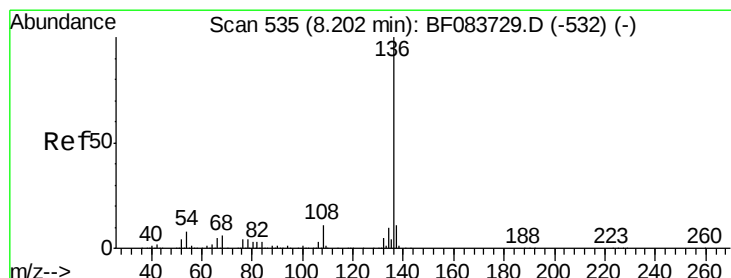
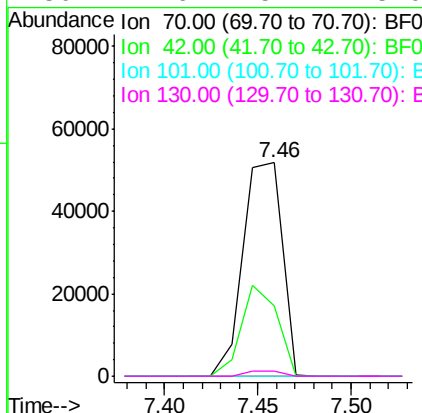
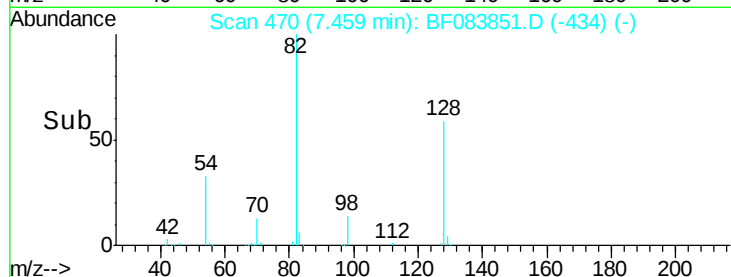
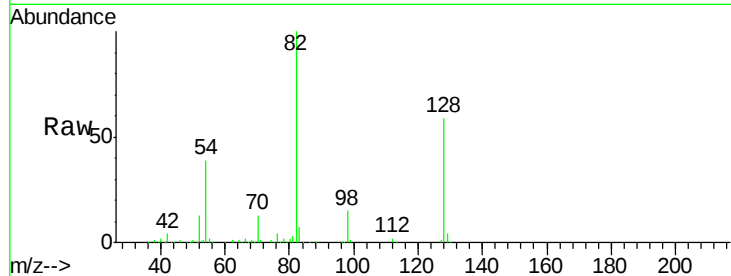




#19
n-Nitroso-di-n-propylamine
Concen: 13.66 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.11 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

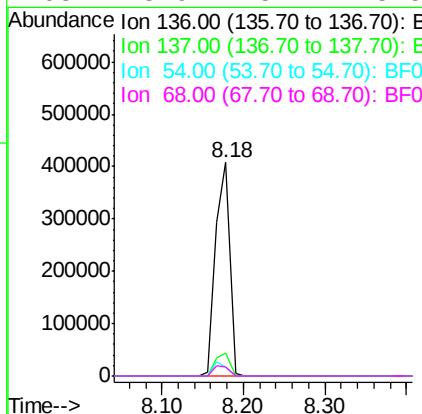
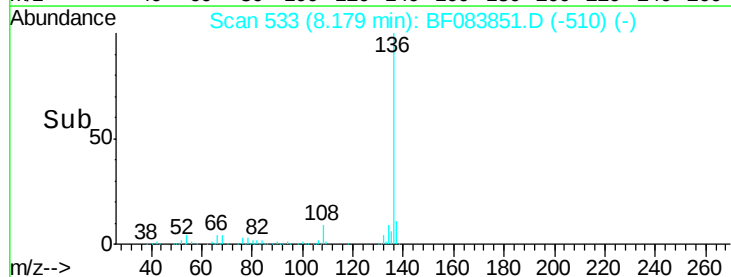
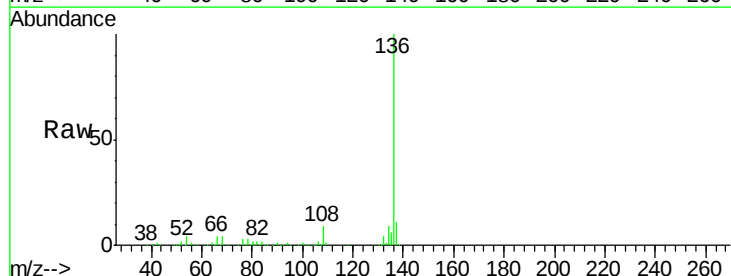
Instrument :
BNA_F
ClientSampleId :
FB-01-121115

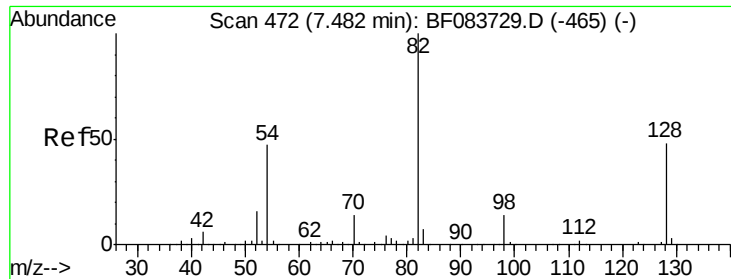
Tgt Ion: 70 Resp: 75880
Ion Ratio Lower Upper
70 100
42 33.2 49.2 73.8#
101 0.0 7.1 10.7#
130 2.6 15.4 23.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.03 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

Tgt Ion: 136 Resp: 494011
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 4.4 7.8 11.6#
68 3.9 5.7 8.5#

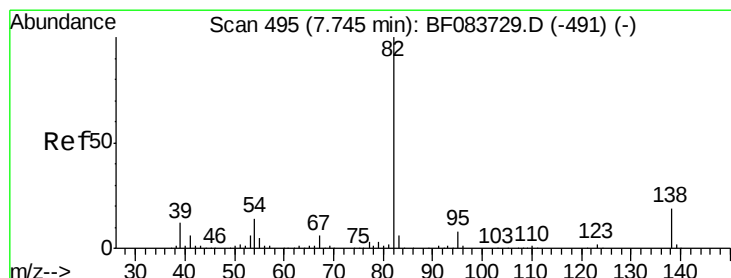
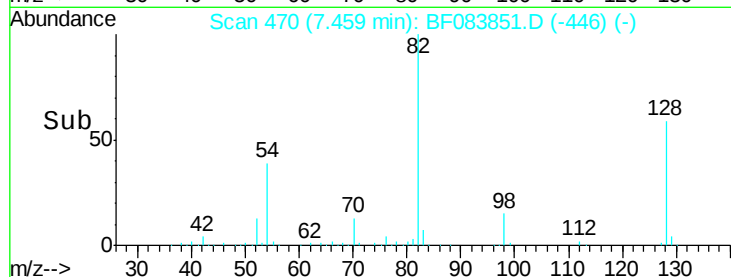
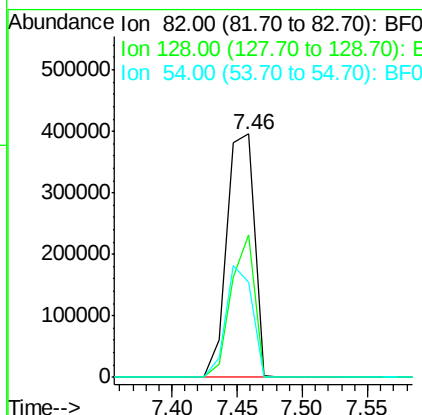
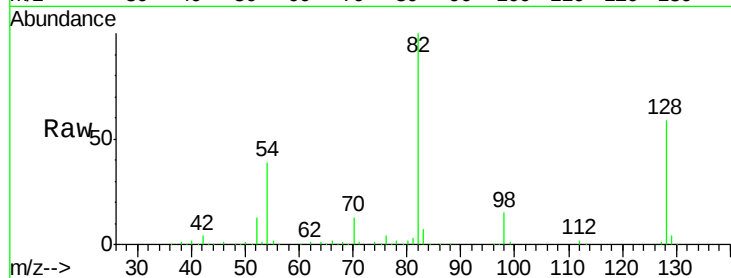




#23
 Nitrobenzene-d5
 Concen: 65.40 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

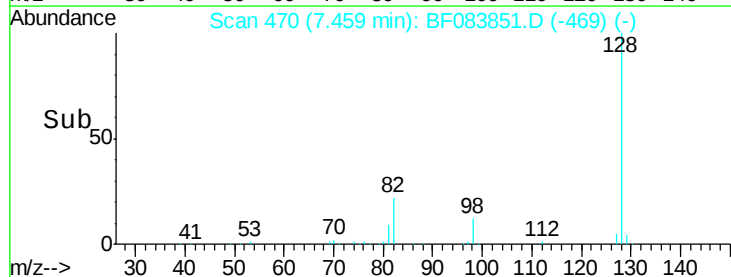
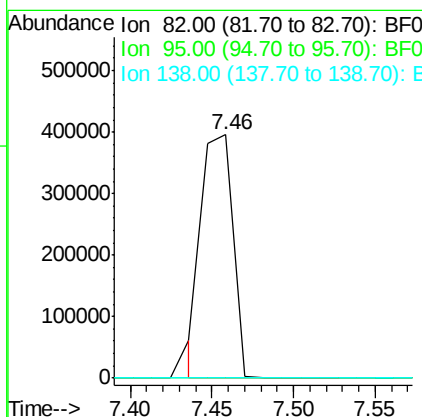
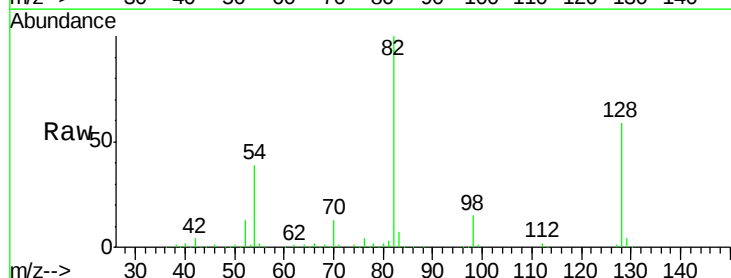
Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

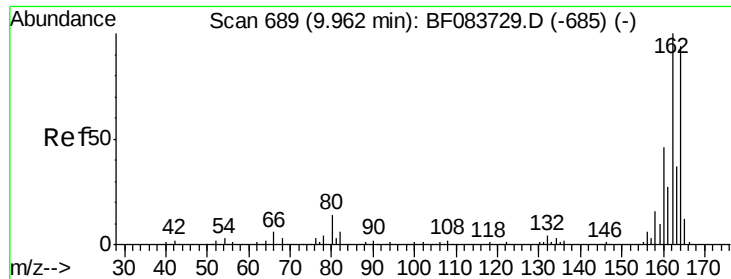
Tgt Ion: 82 Resp: 577501
 Ion Ratio Lower Upper
 82 100
 128 58.7 30.7 46.1#
 54 39.2 42.5 63.7#



#25
 Isophorone
 Concen: 30.94 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.29 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion: 82 Resp: 536016
 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: 9.93 min Scan# 686

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

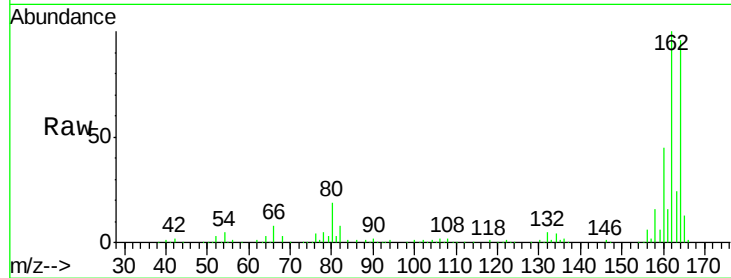
Tgt Ion:164 Resp: 250757

Ion Ratio Lower Upper

164 100

162 103.7 78.8 118.2

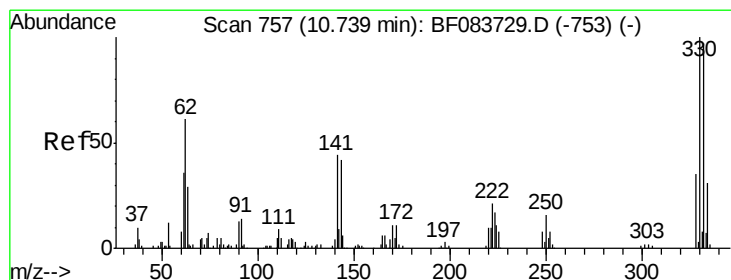
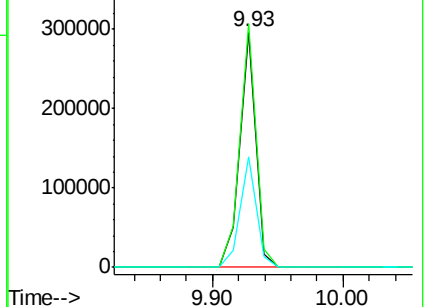
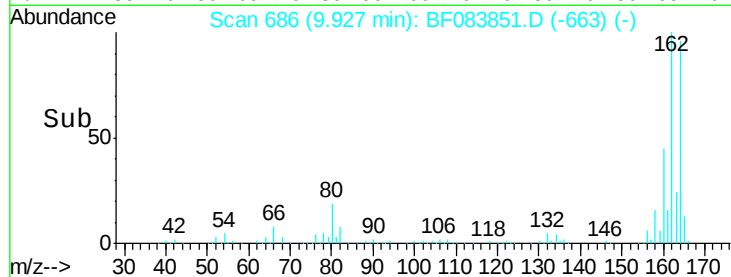
160 47.1 33.4 50.2



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: 94.11 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

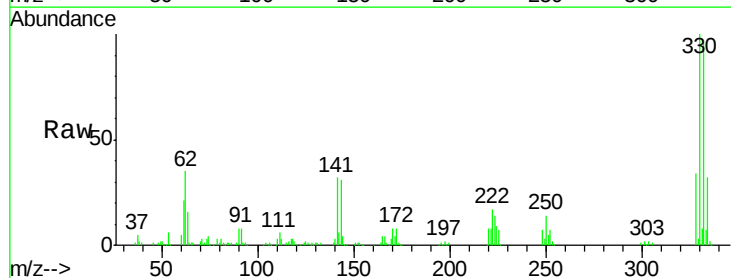
Tgt Ion:330 Resp: 240460

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

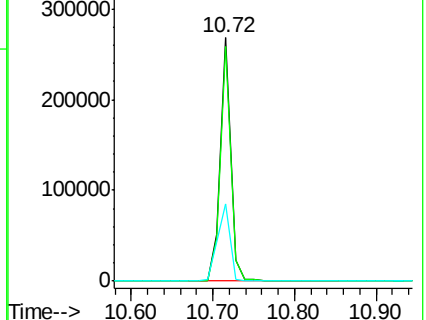
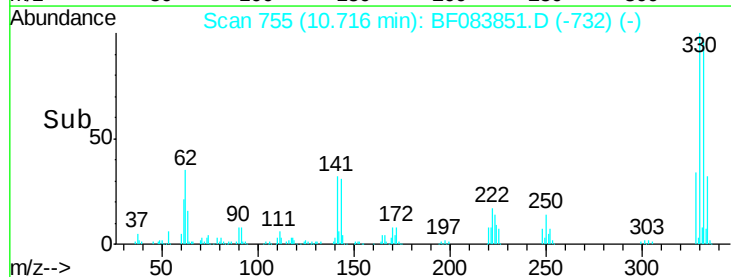
141 37.6 0.0 0.0#

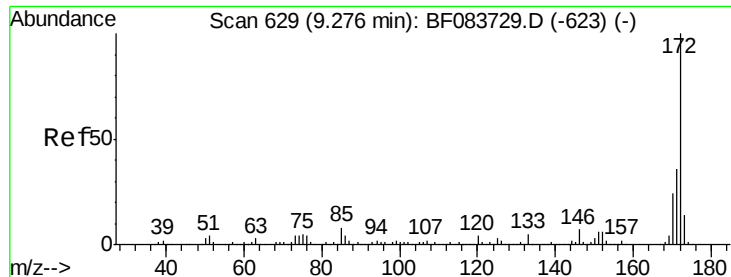


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

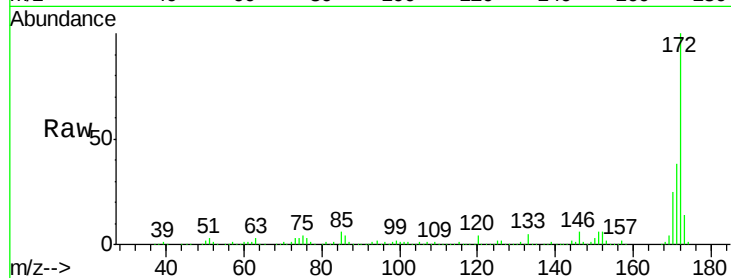




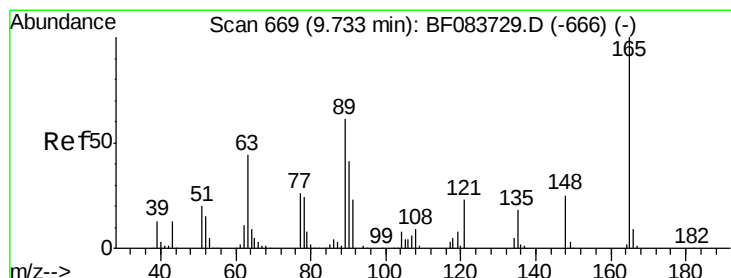
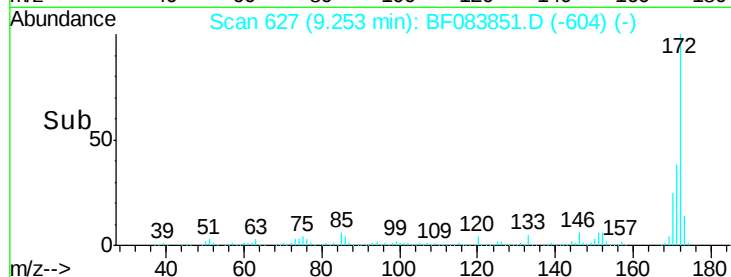
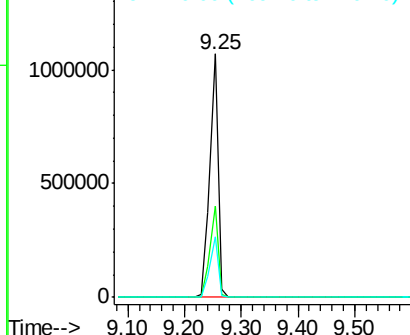
#44
 2-Fluorobiphenyl
 Concen: 54.33 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.03 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

Tgt Ion:172 Resp: 1030388
 Ion Ratio Lower Upper
 172 100
 171 37.6 28.6 42.8
 170 24.7 19.4 29.0

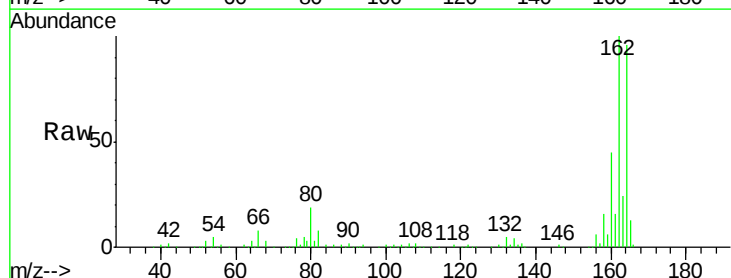


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

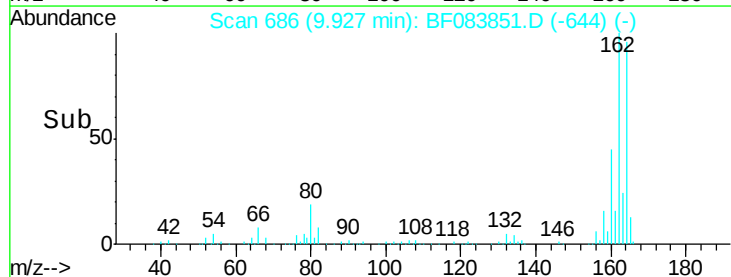
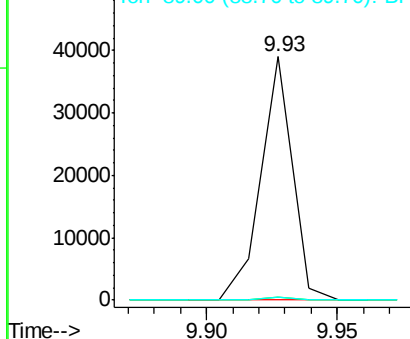


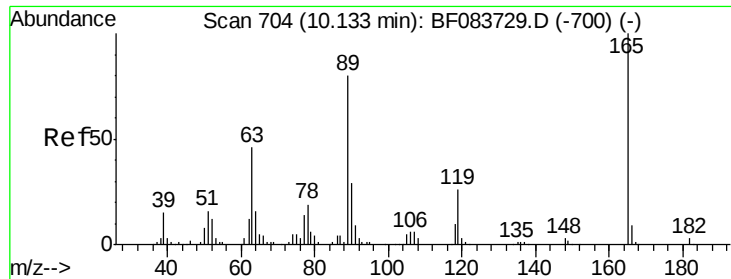
#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.18 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion:165 Resp: 32481
 Ion Ratio Lower Upper
 165 100
 63 1.1 56.9 85.3#
 89 1.5 52.1 78.1#



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





#56

2,4-Dinitrotoluene

Concen: 5.99 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.22 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

Instrument :

BNA_F

ClientSampleId :

FB-01-121115

Tgt Ion:165 Resp: 32484

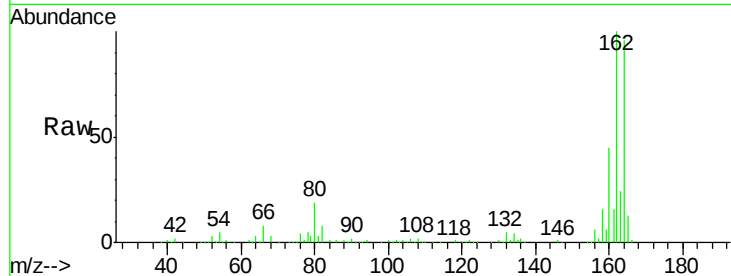
Ion Ratio Lower Upper

165 100

63 1.1 51.4 77.2#

89 1.5 72.6 108.8#

182 0.0 1.4 2.0#



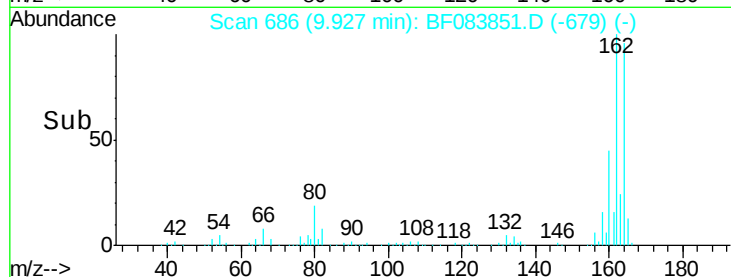
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

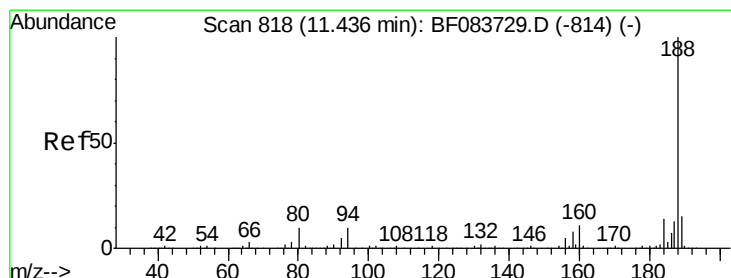
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.03 min

Lab File: BF083851.D

Acq: 16 Dec 2015 16:37

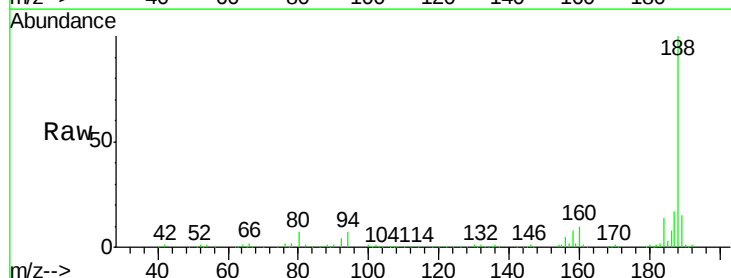
Tgt Ion:188 Resp: 465842

Ion Ratio Lower Upper

188 100

94 6.7 9.4 14.2#

80 6.9 10.6 16.0#

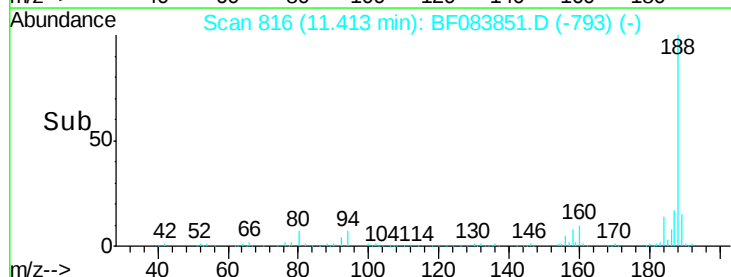


Abundance Ion 188.00 (187.70 to 188.70): E

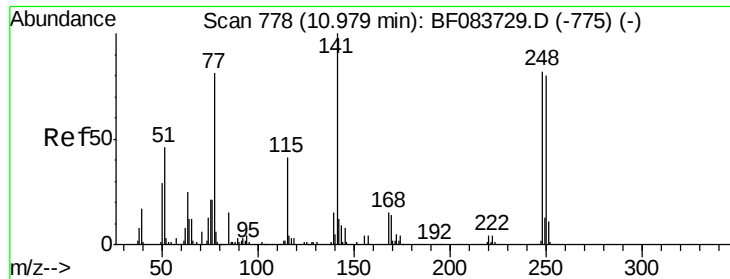
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



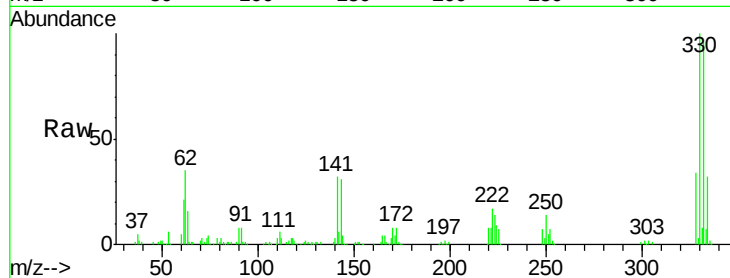
Time-->



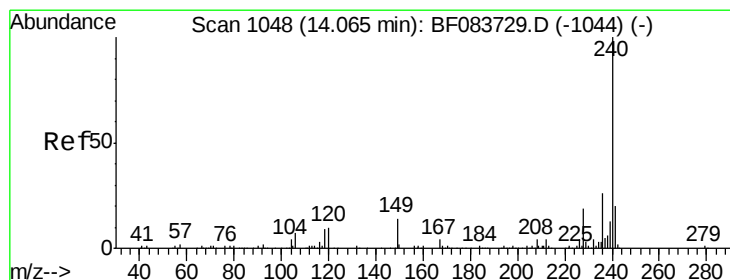
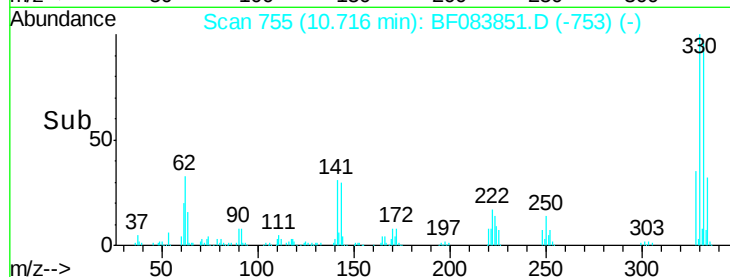
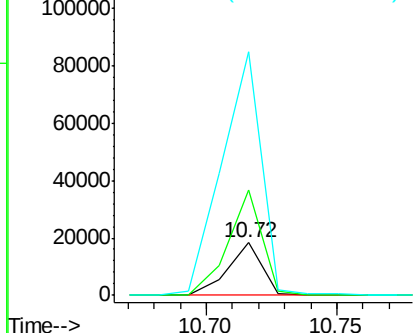
#66
4-Bromophenyl-phenylether
Concen: 3.21 ng
RT: 10.72 min Scan# 755
Delta R.T. -0.27 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

Instrument :
BNA_F
ClientSampleId :
FB-01-121115

Tgt Ion:248 Resp: 16731
Ion Ratio Lower Upper
248 100
250 200.2 79.2 118.8#
141 464.3 58.2 87.4#

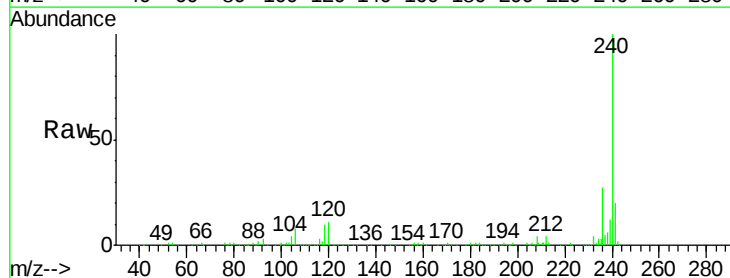


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

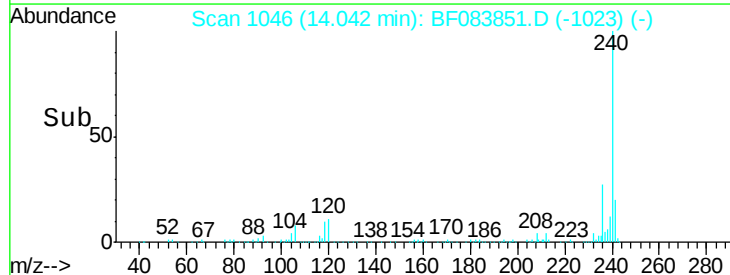
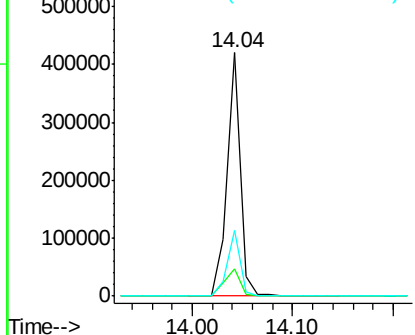


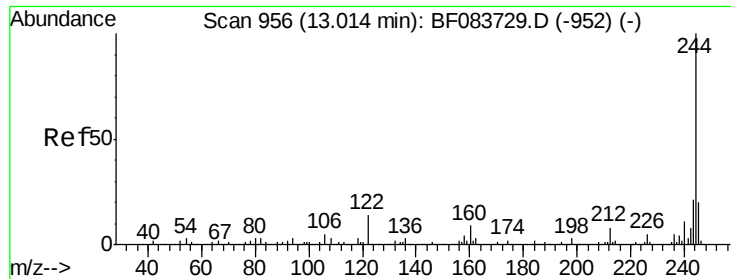
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.03 min
Lab File: BF083851.D
Acq: 16 Dec 2015 16:37

Tgt Ion:240 Resp: 385471
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 26.9 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

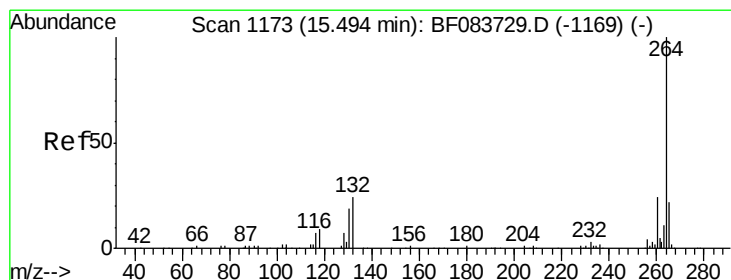
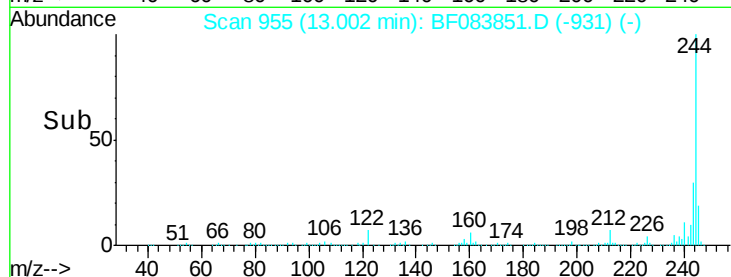
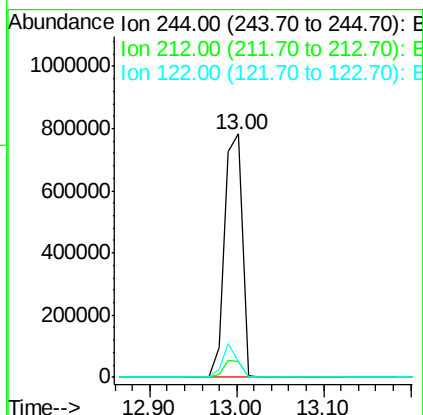
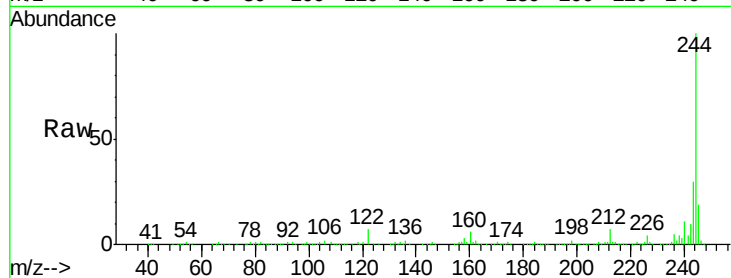




#78
 Terphenyl-d14
 Concen: 61.95 ng
 RT: 13.00 min Scan# 955
 Delta R.T. -0.02 min
 Lab File: BF083851.D
 Acq: 16 Dec 2015 16:37

Instrument :
 BNA_F
 ClientSampleId :
 FB-01-121115

Tgt Ion:244 Resp: 1110205
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.1 9.1
 122 6.5 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: BF083851.D
 Acq: 16 Dec 2015 16:37

Tgt Ion:264 Resp: 274126
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.0
 265 21.2 17.8 26.6

