

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082721.D
 Acq On : 5 Nov 2015 11:14
 Operator : UM/IZ
 Sample : G4241-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Quant Time: Nov 06 01:10:14 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 03 12:27:47 2015
 Response via : Initial Calibration

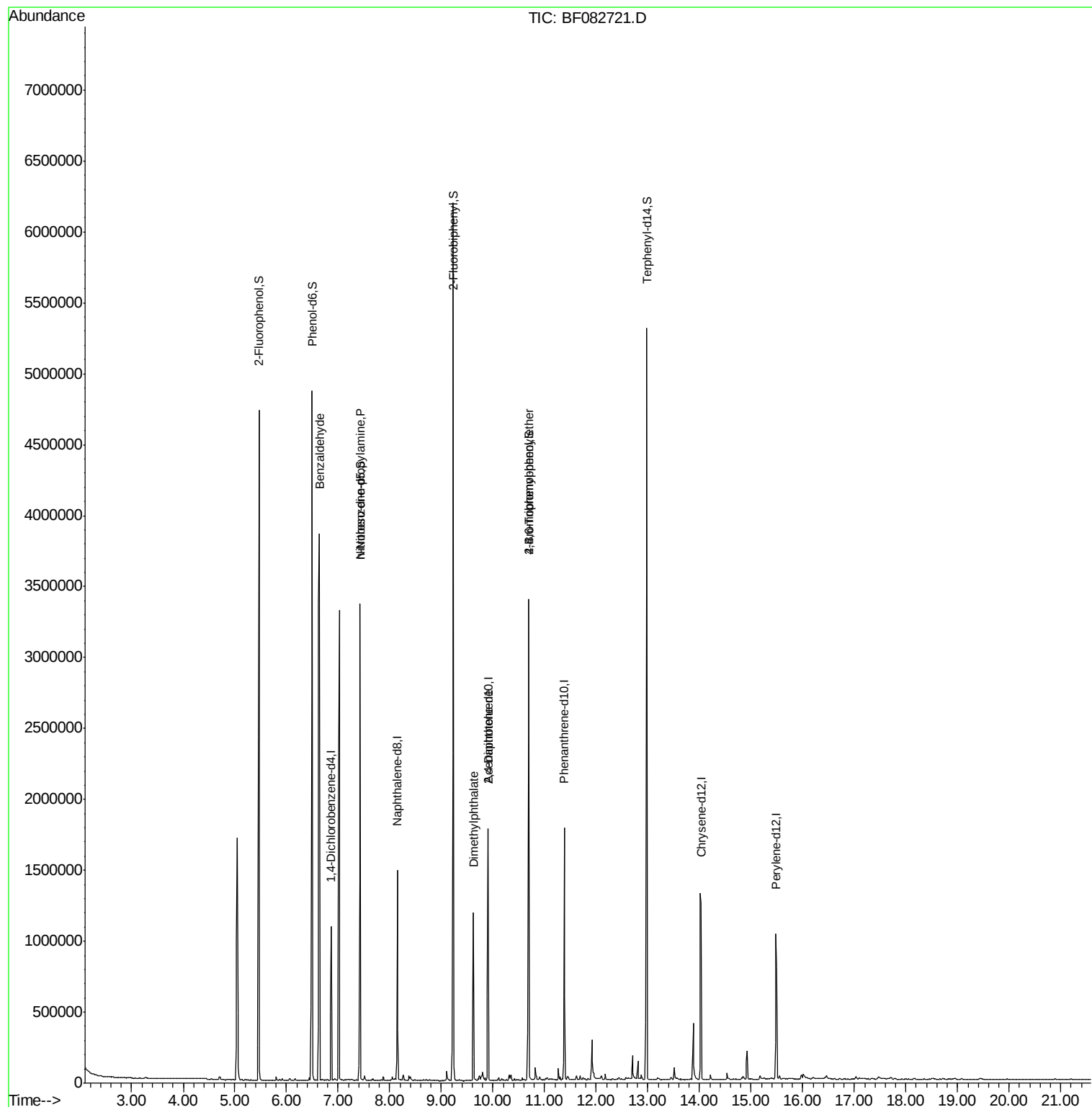
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	176345	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	626934	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	370195	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	667817	20.00	ng	-0.03
75) Chrysene-d12	14.03	240	701587	20.00	ng	-0.02
86) Perylene-d12	15.48	264	593519	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1319803	112.72	ng	0.00
7) Phenol-d6	6.50	99	1907370	122.62	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1176151	76.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	537897	132.77	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1904627	73.05	ng	-0.02
78) Terphenyl-d14	12.98	244	2091072	65.23	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	36886	3.47	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.42	70	167756	14.23	ng	# 69
49) Dimethylphthalate	9.62	163	427133	14.13	ng	99
56) 2,4-Dinitrotoluene	9.90	165	46939	5.54	ng	# 15
66) 4-Bromophenyl-phenylether	10.69	248	37790	4.99	ng	# 1

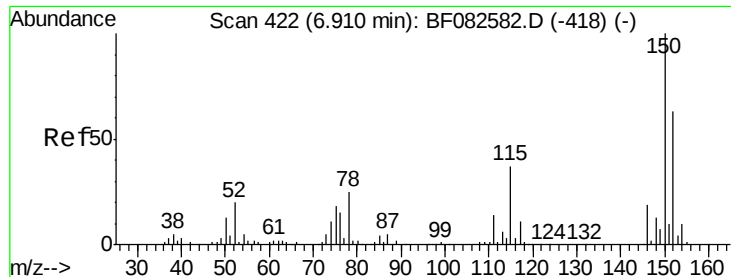
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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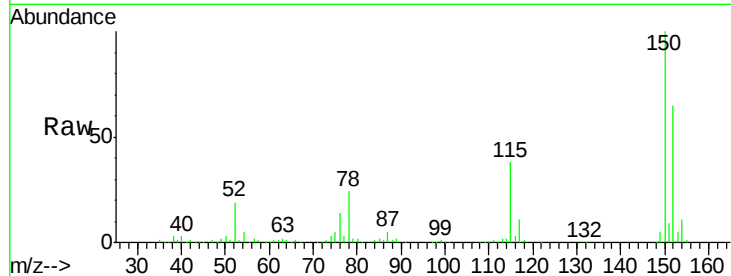


#1

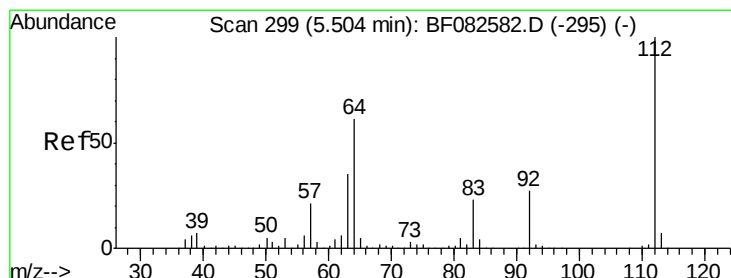
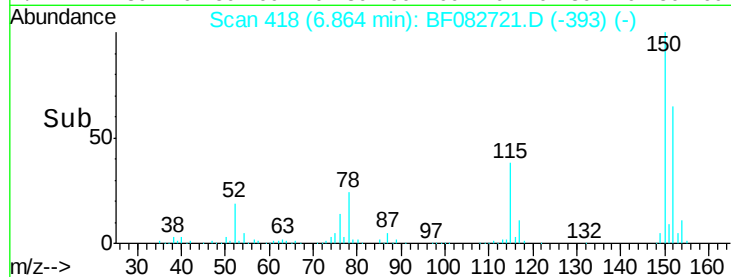
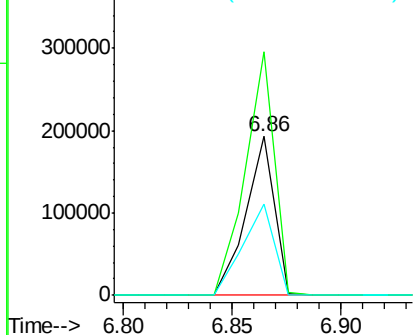
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Tgt Ion:152 Resp: 176345
 Ion Ratio Lower Upper
 152 100
 150 153.4 127.0 190.4
 115 57.6 47.0 70.6



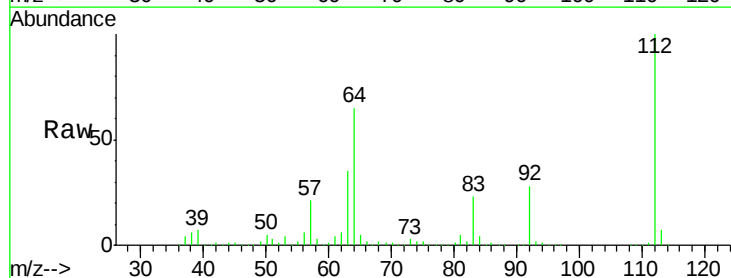
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



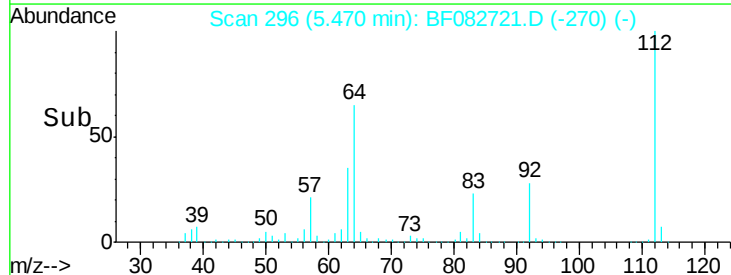
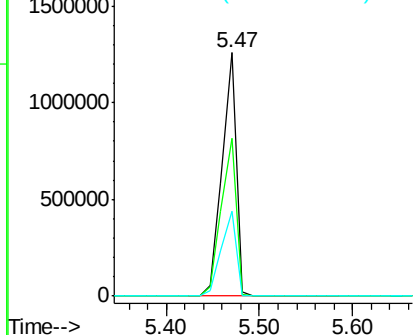
#5

2-Fluorophenol
 Concen: 112.72 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.00 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Tgt Ion:112 Resp: 1319803
 Ion Ratio Lower Upper
 112 100
 64 64.8 48.9 73.3
 63 35.1 28.1 42.1



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: 122.62 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

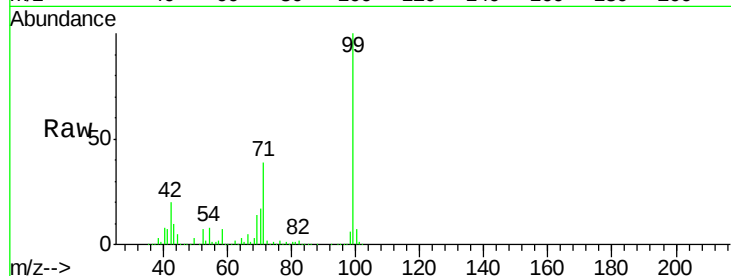
Tgt Ion: 99 Resp: 1907370

Ion Ratio Lower Upper

99 100

42 19.5 19.2 28.8

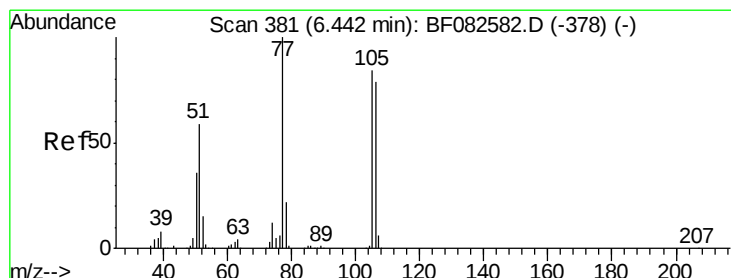
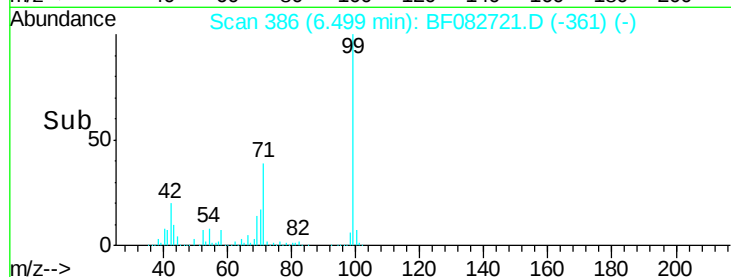
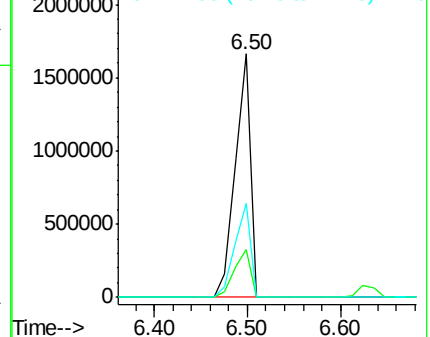
71 38.7 35.0 52.4



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: 3.47 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

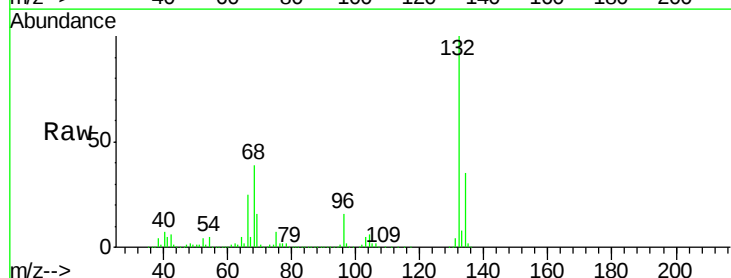
Tgt Ion: 77 Resp: 36886

Ion Ratio Lower Upper

77 100

105 89.1 63.5 103.5

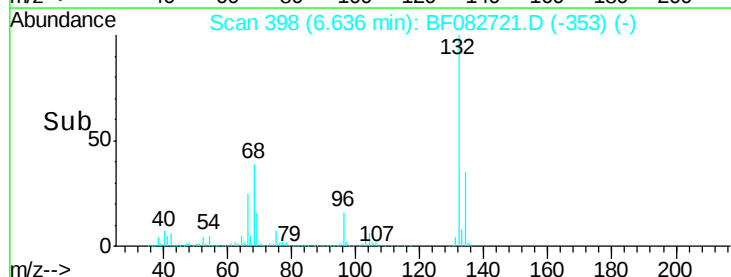
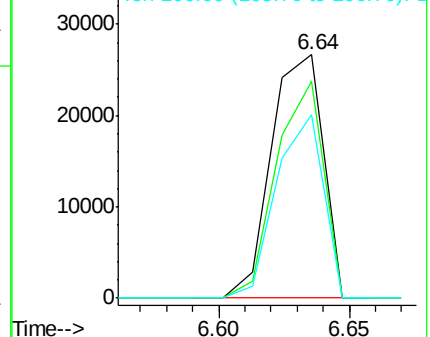
106 75.4 59.3 99.3

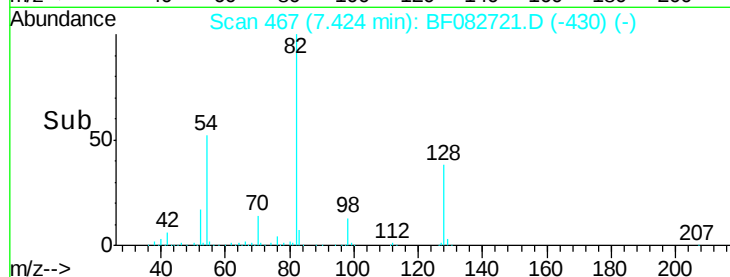
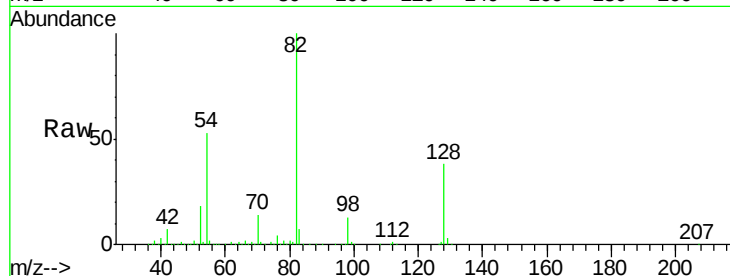
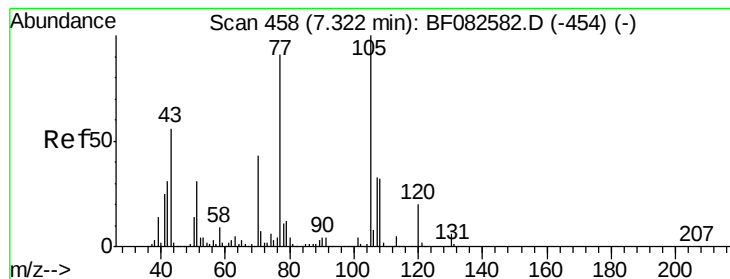


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 14.23 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

Tgt Ion: 70 Resp: 167756

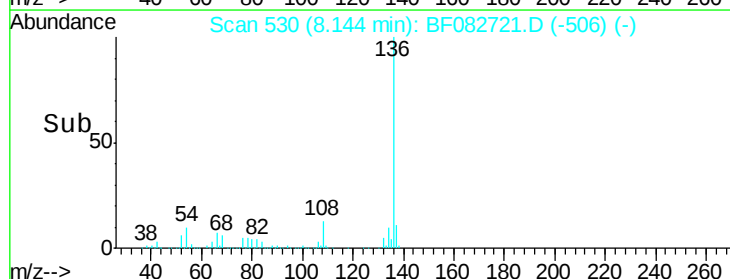
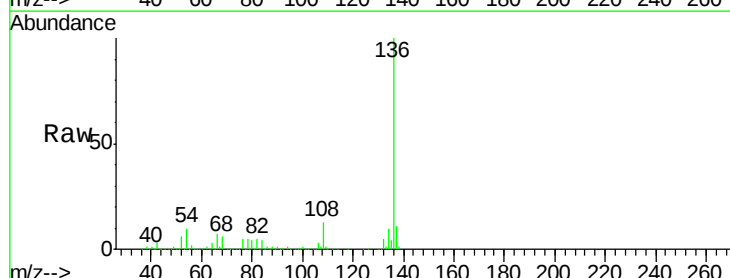
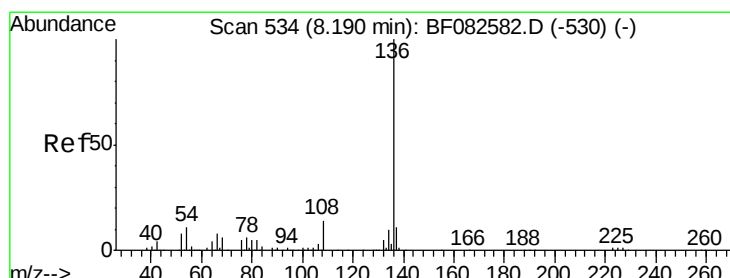
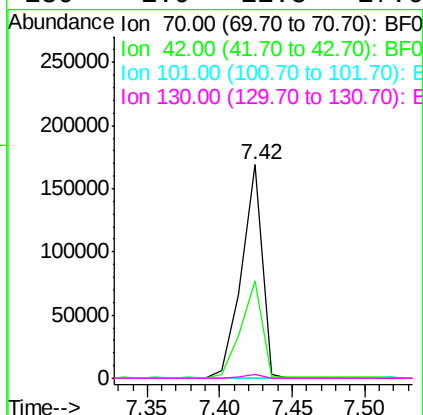
Ion Ratio Lower Upper

70 100

42 45.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.9 11.8 17.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Tgt Ion: 136 Resp: 626934

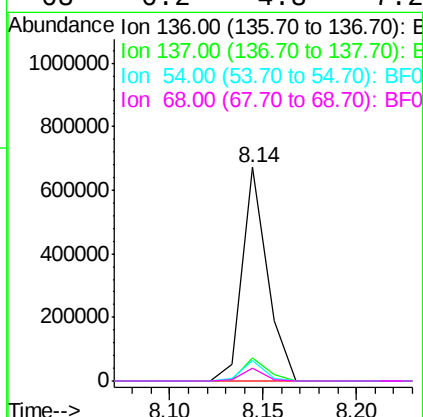
Ion Ratio Lower Upper

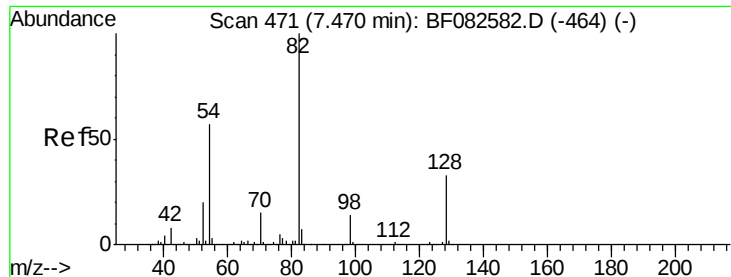
136 100

137 11.1 9.1 13.7

54 9.7 9.1 13.7

68 6.2 4.8 7.2

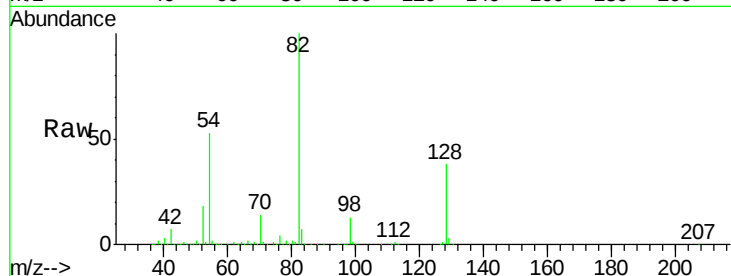




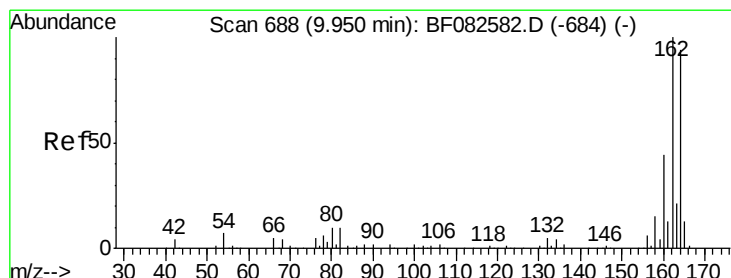
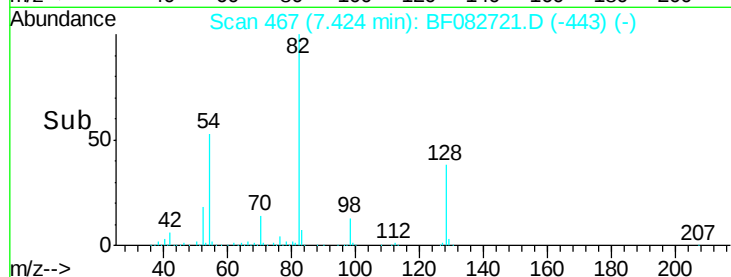
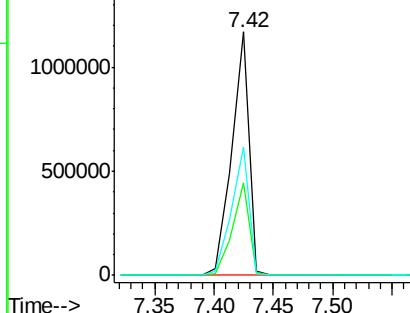
#23
 Nitrobenzene-d5
 Concen: 76.61 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Tgt Ion: 82 Resp: 1176151
 Ion Ratio Lower Upper
 82 100
 128 38.0 26.8 40.2
 54 52.6 45.7 68.5

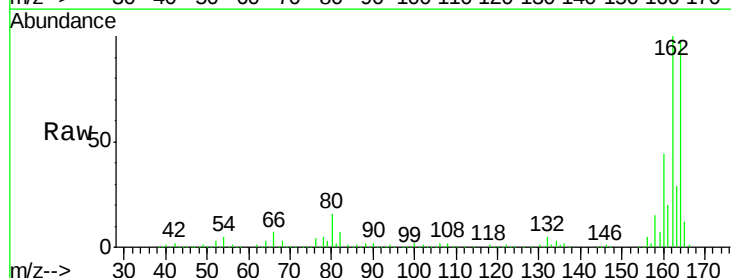


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

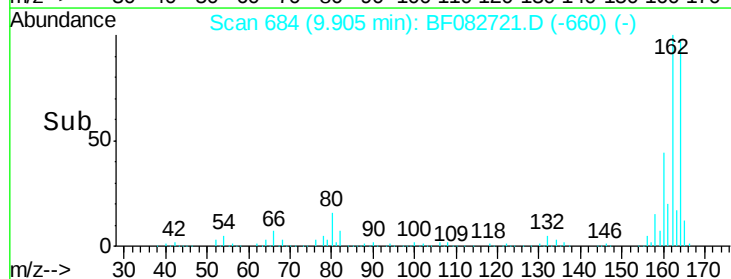
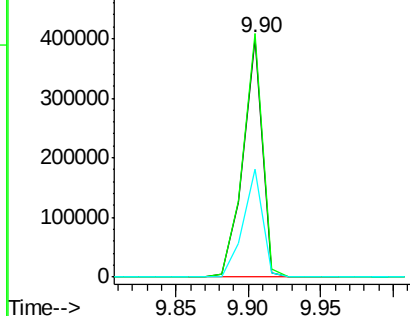


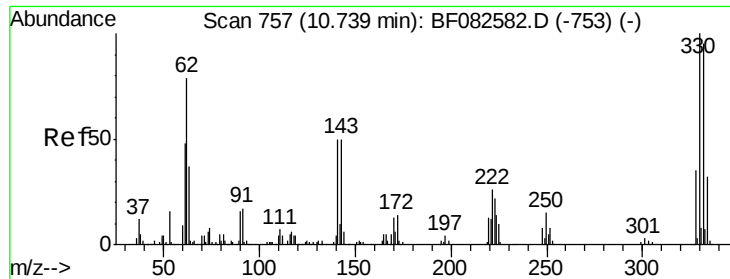
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Tgt Ion: 164 Resp: 370195
 Ion Ratio Lower Upper
 164 100
 162 102.0 84.9 127.3
 160 45.2 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

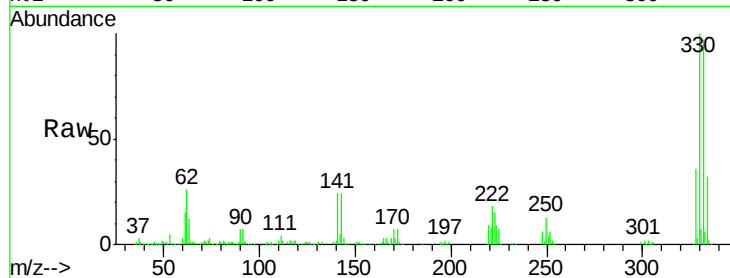




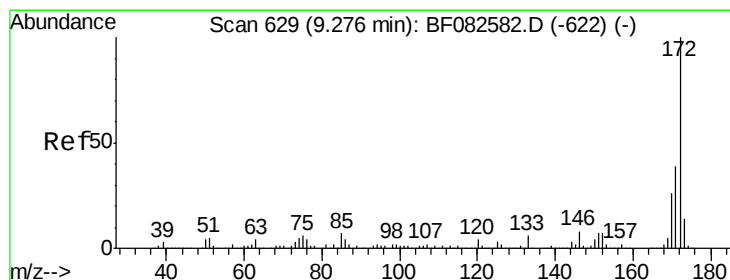
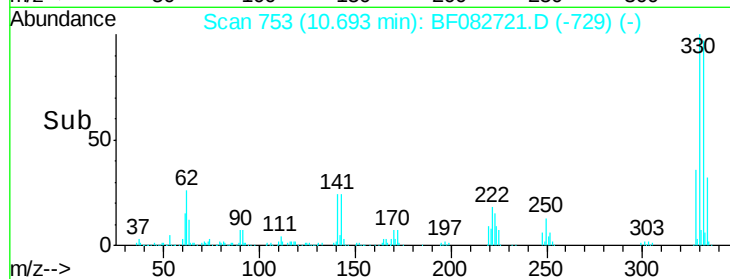
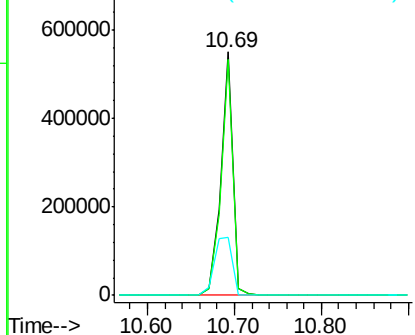
#41
 2,4,6-Tribromophenol
 Concen: 132.77 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(12-14)

Tgt Ion:330 Resp: 537897
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 35.7 41.2 61.8#

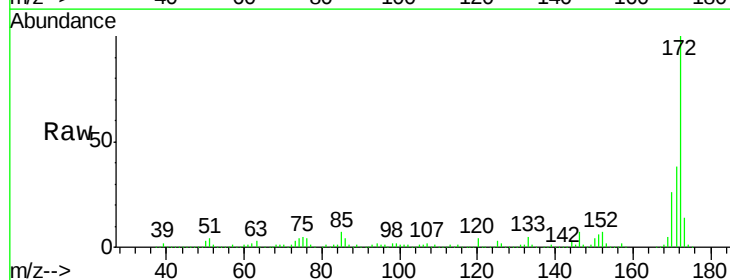


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

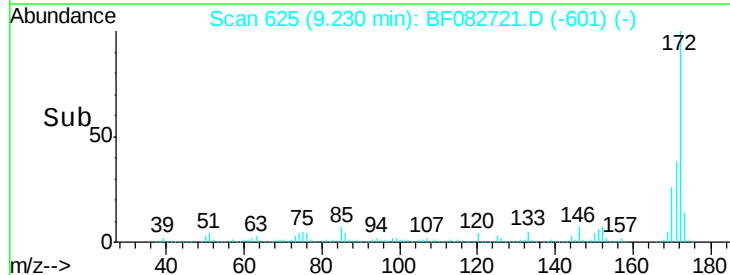
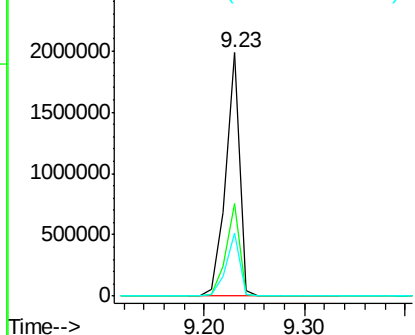


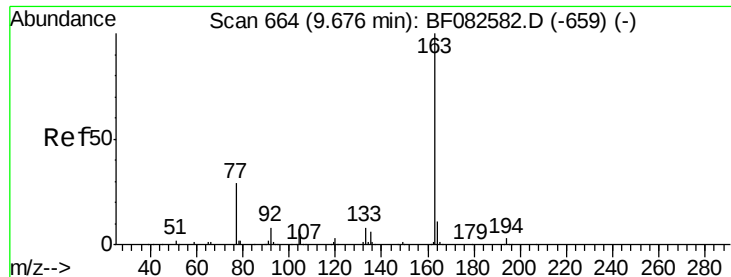
#44
 2-Fluorobiphenyl
 Concen: 73.05 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082721.D
 Acq: 5 Nov 2015 11:14

Tgt Ion:172 Resp: 1904627
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.8 46.2
 170 25.9 21.2 31.8



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





#49

Dimethylphthalate

Concen: 14.13 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

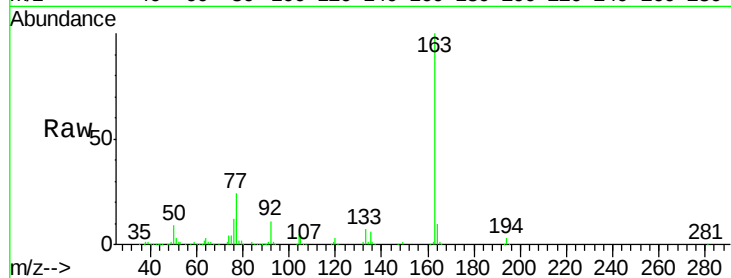
Tgt Ion:163 Resp: 427133

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

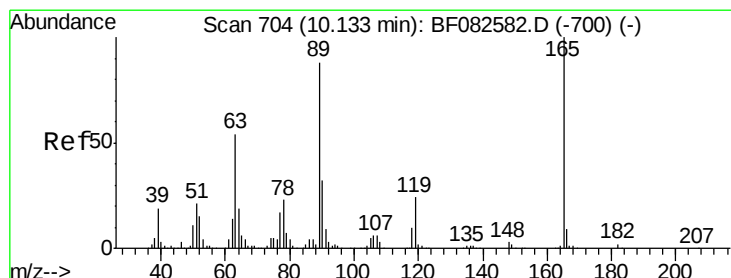
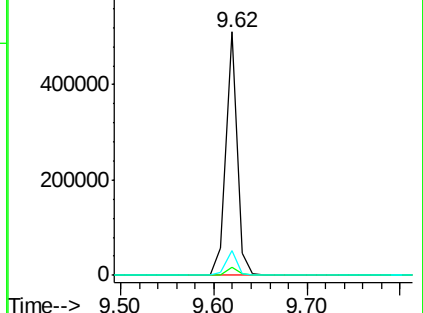
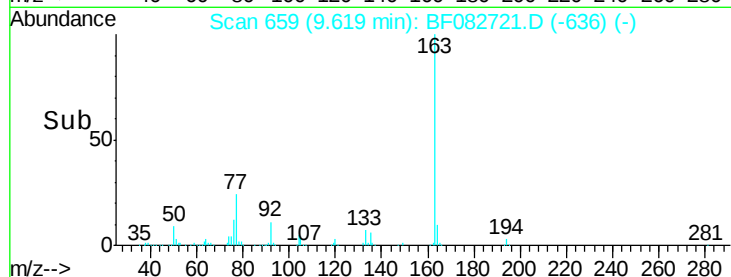
164 10.3 8.7 13.1



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: 5.54 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Tgt Ion:165 Resp: 46939

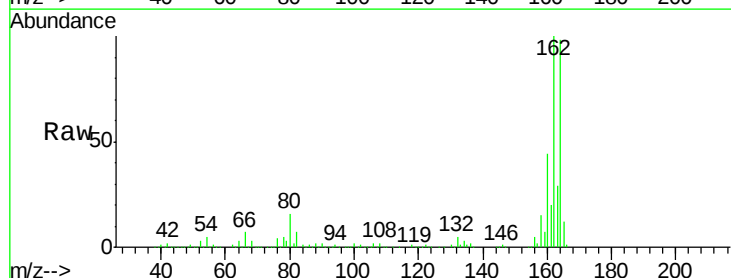
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 1.3 70.6 106.0#

182 0.0 1.5 2.3#

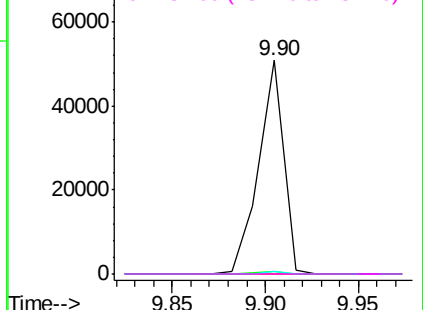
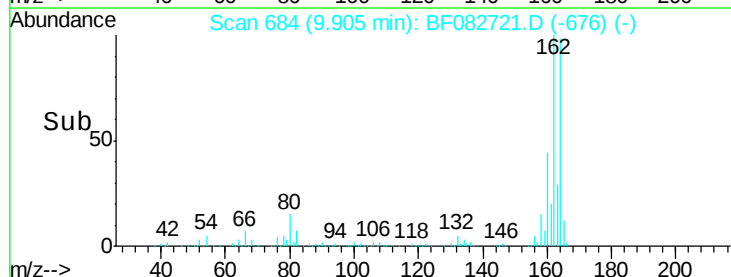


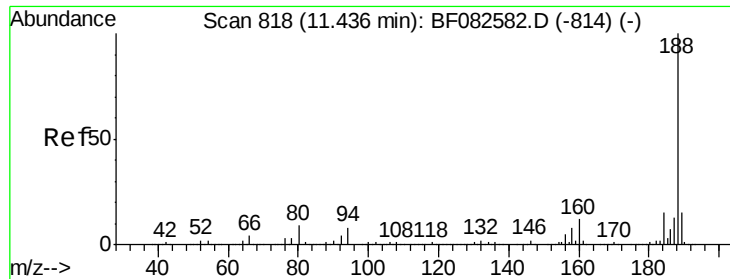
Abundance Ion 165.00 (164.70 to 165.70): E

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

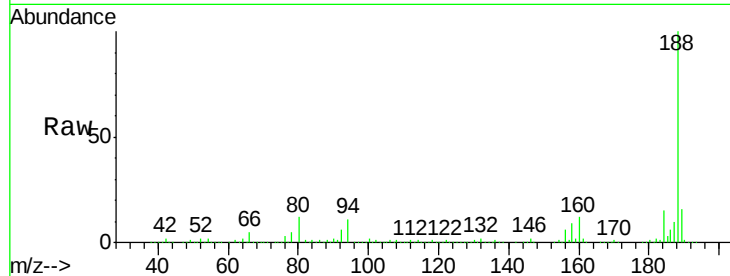




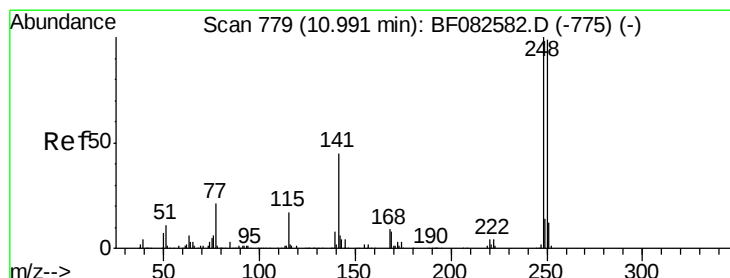
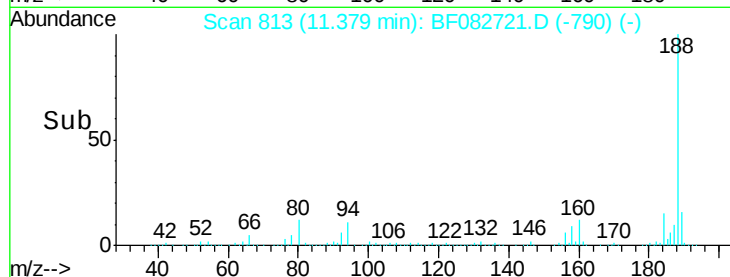
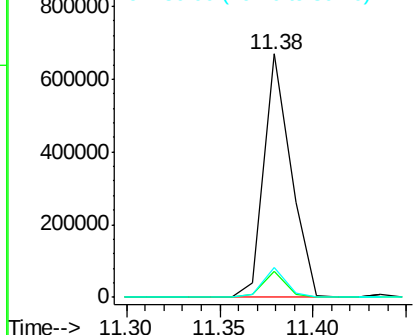
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-09(12-14)

Tgt Ion:188 Resp: 667817
Ion Ratio Lower Upper
188 100
94 10.7 6.1 9.1#
80 12.3 7.0 10.6#

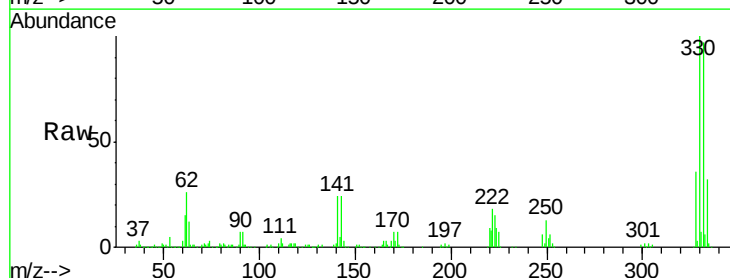


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

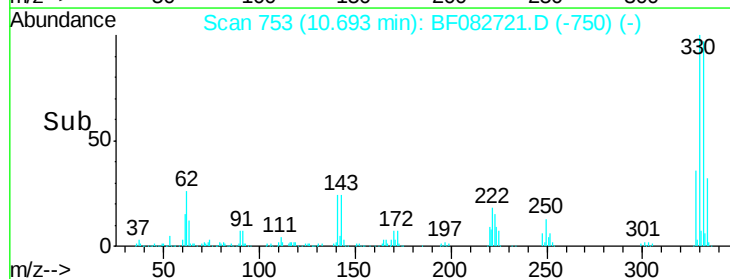
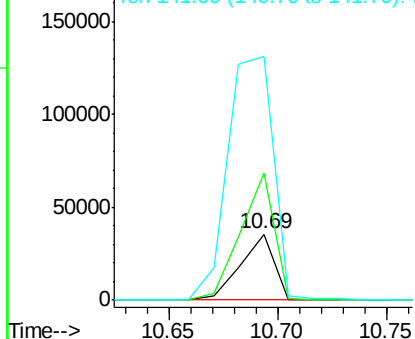


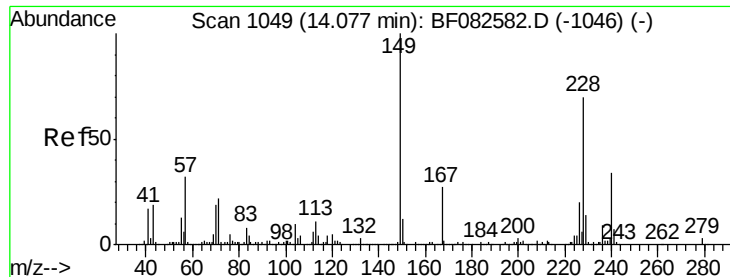
#66
4-Bromophenyl-phenylether
Concen: 4.99 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

Tgt Ion:248 Resp: 37790
Ion Ratio Lower Upper
248 100
250 194.1 79.4 119.2#
141 369.8 36.3 54.5#



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: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

Instrument :

BNA_F

ClientSampleId :

SB-09(12-14)

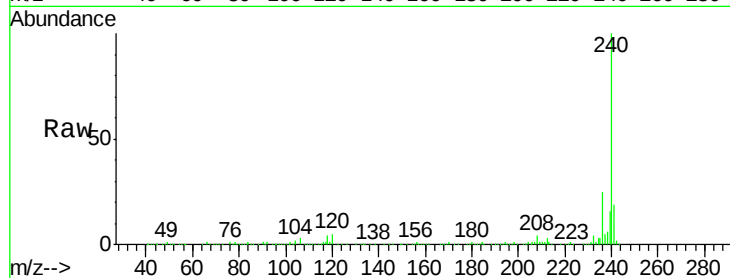
Tgt Ion:240 Resp: 701587

Ion Ratio Lower Upper

240 100

120 4.6 10.9 16.3#

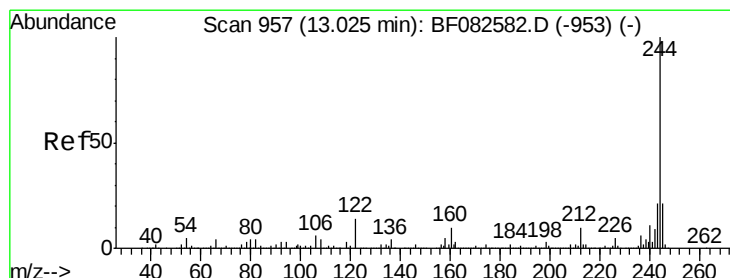
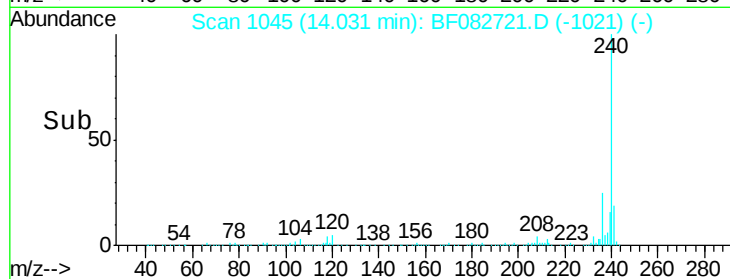
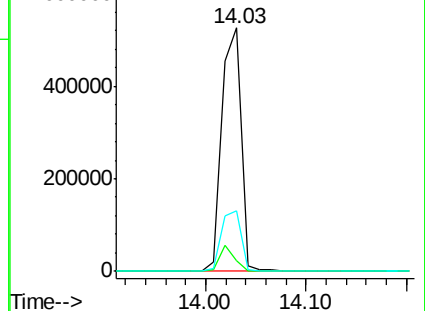
236 24.9 21.6 32.4



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: 65.23 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082721.D

Acq: 5 Nov 2015 11:14

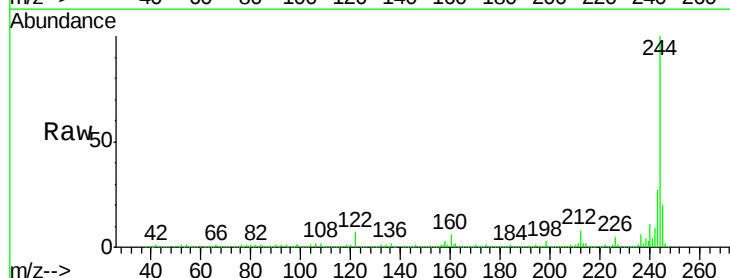
Tgt Ion:244 Resp: 2091072

Ion Ratio Lower Upper

244 100

212 7.9 7.6 11.4

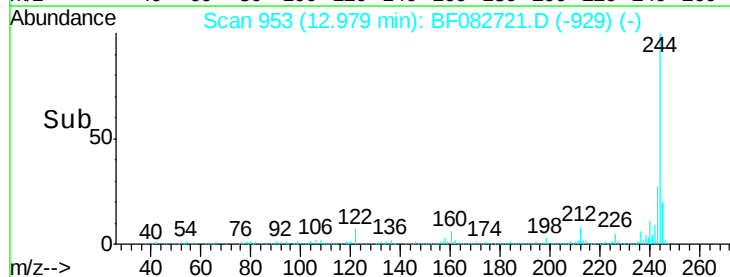
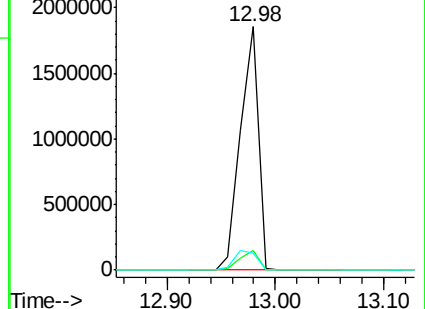
122 7.0 11.3 16.9#

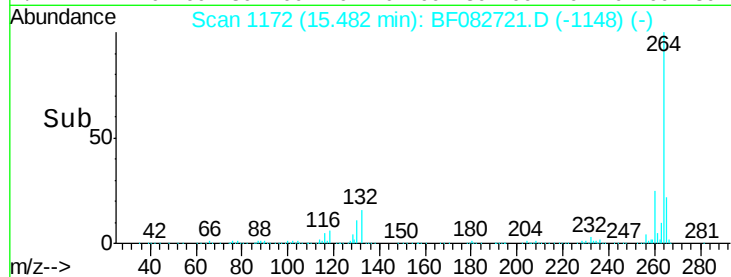
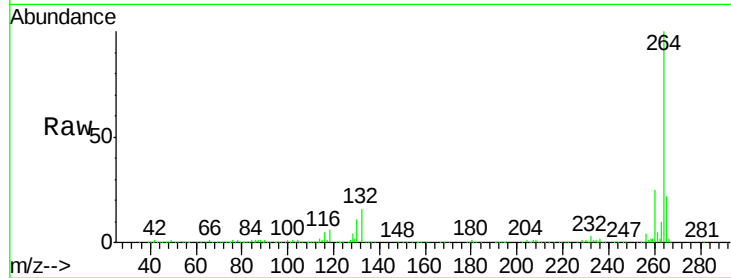
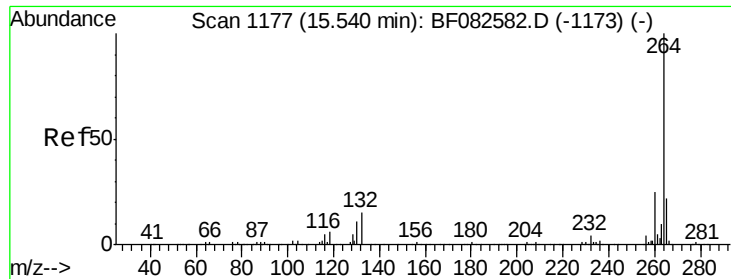


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082721.D
Acq: 5 Nov 2015 11:14

Instrument :
BNA_F
ClientSampleId :
SB-09(12-14)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.8	29.6
265	21.7	17.4	26.0

