

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110515\
 Data File : BF082700.D
 Acq On : 4 Nov 2015 14:50
 Operator : UM/IZ
 Sample : G4240-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

Quant Time: Nov 04 23:17:13 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

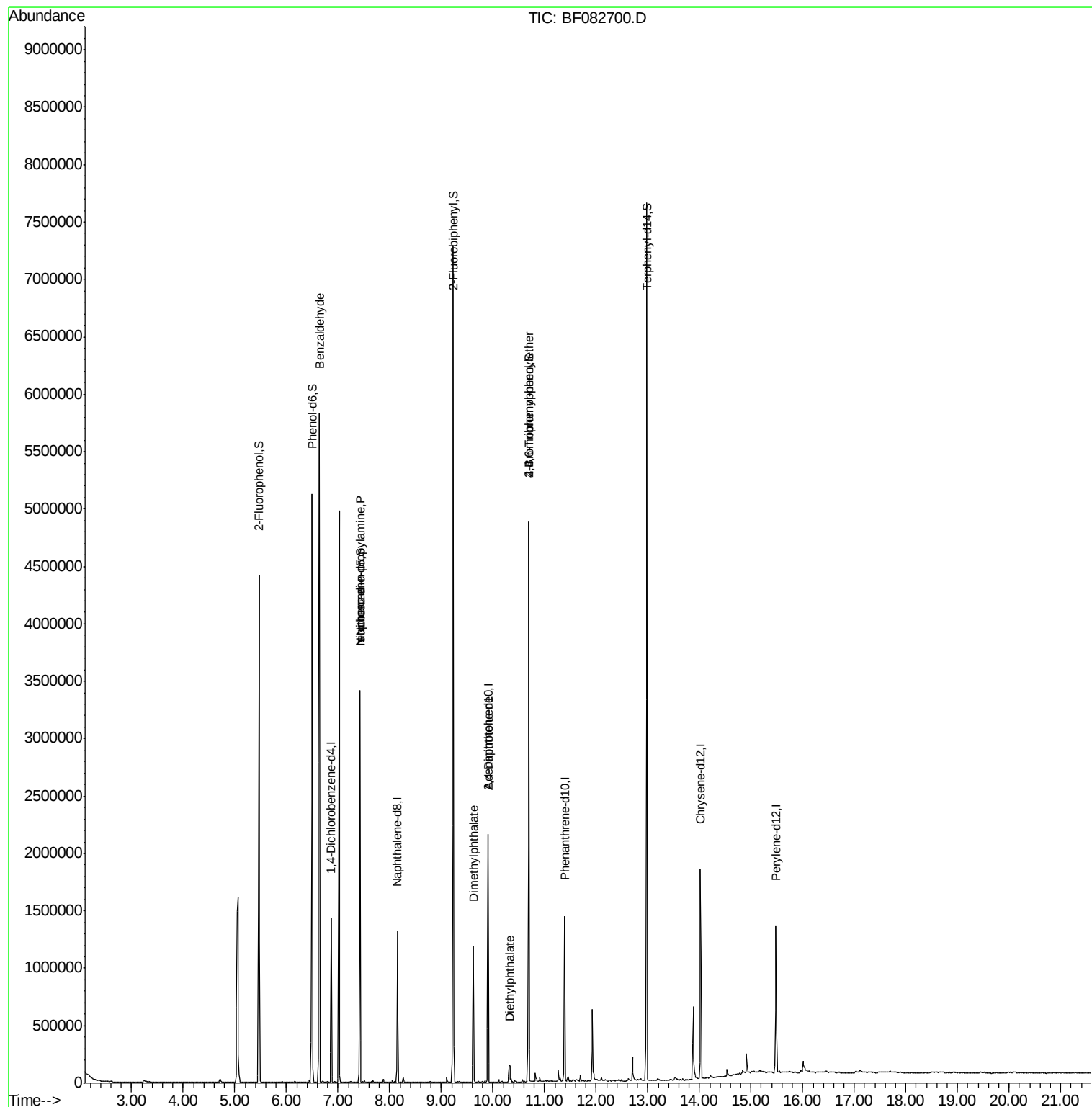
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	191158	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	686483	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	412137	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	791462	20.00	ng	-0.02
75) Chrysene-d12	14.02	240	737487	20.00	ng	-0.03
86) Perylene-d12	15.48	264	603711	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1330475	104.83	ng	0.00
7) Phenol-d6	6.50	99	1789701	106.14	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1222900	72.74	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	551121	122.19	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	2110463	72.71	ng	-0.02
78) Terphenyl-d14	12.98	244	2434680	72.25	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	46165	4.01	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.42	70	174750	13.67	ng	# 70
25) Isophorone	7.42	82	894144	28.91	ng	# 70
49) Dimethylphthalate	9.62	163	412660	12.26	ng	99
56) 2,4-Dinitrotoluene	9.90	165	53283	5.65	ng	# 16
59) Diethylphthalate	10.33	149	92966	2.71	ng	100
66) 4-Bromophenyl-phenylether	10.69	248	42084	4.69	ng	# 1

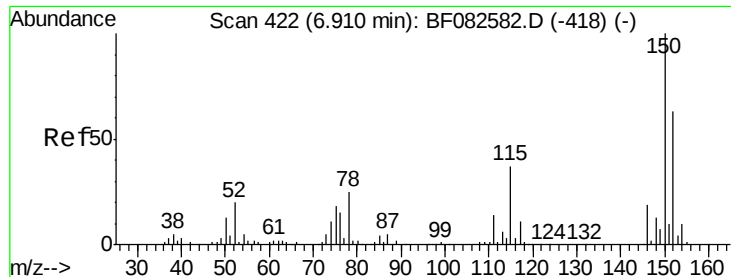
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 03 12:27:47 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

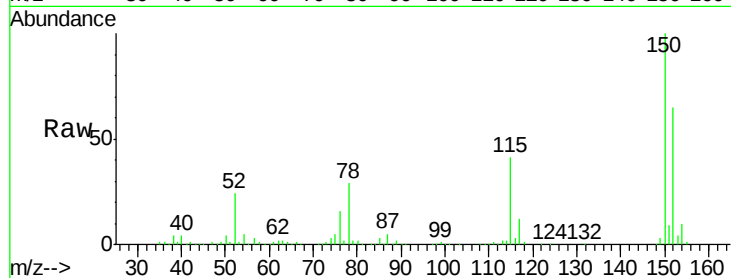
Tgt Ion:152 Resp: 191158

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

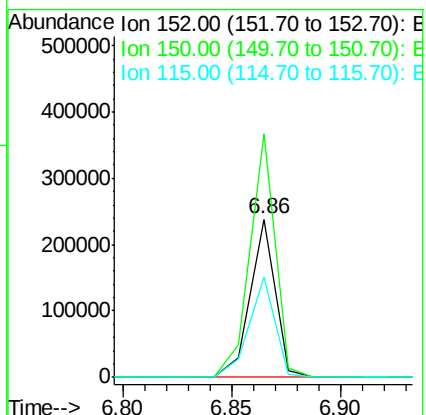
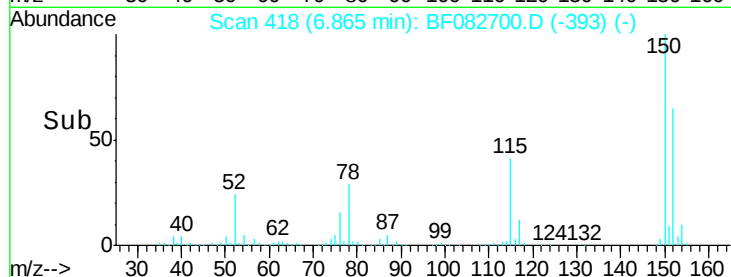
115 63.5 47.0 70.6



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: 104.83 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

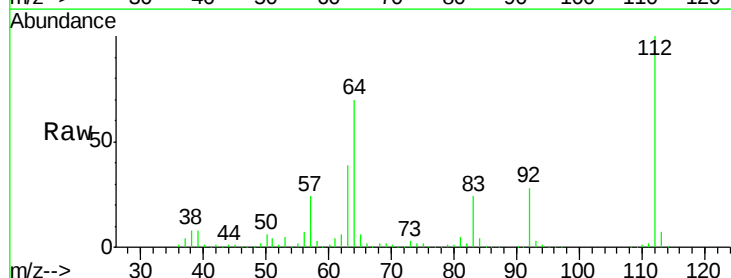
Tgt Ion:112 Resp: 1330475

Ion Ratio Lower Upper

112 100

64 70.1 48.9 73.3

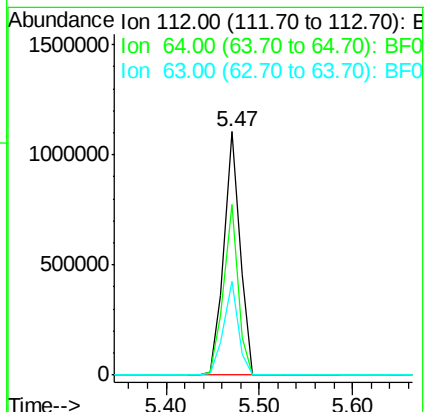
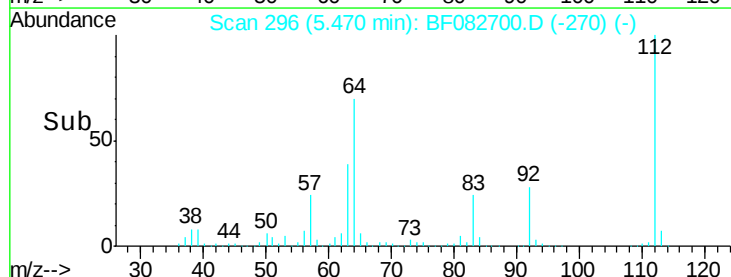
63 38.5 28.1 42.1



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: 106.14 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

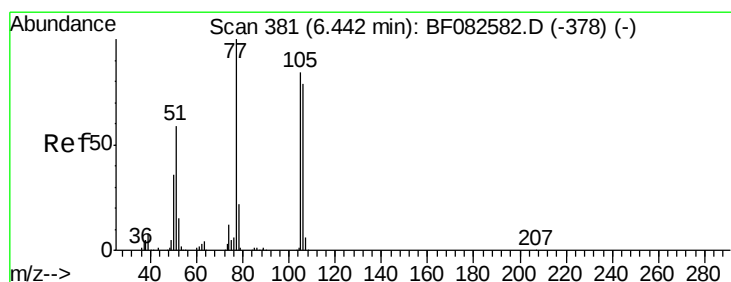
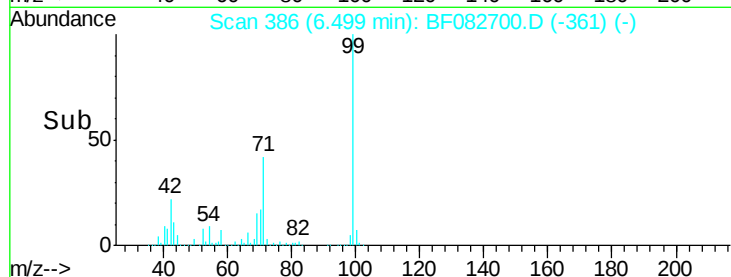
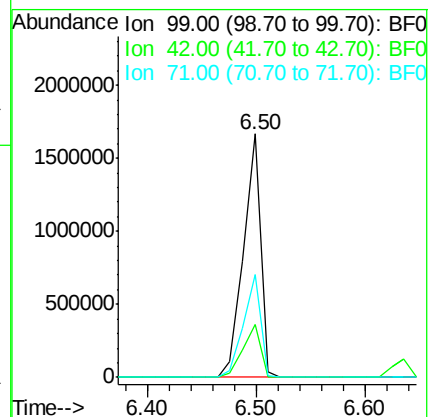
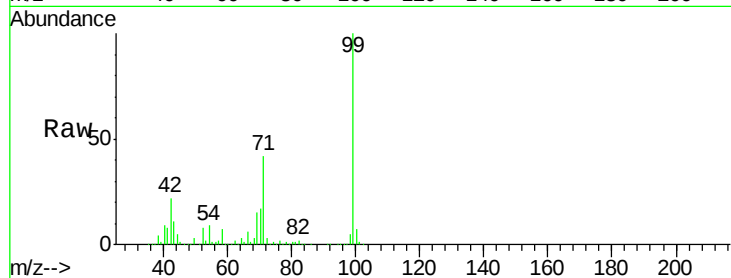
Tgt Ion: 99 Resp: 1789701

Ion Ratio Lower Upper

99 100

42 21.9 19.2 28.8

71 42.4 35.0 52.4



#9

Benzaldehyde

Concen: 4.01 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

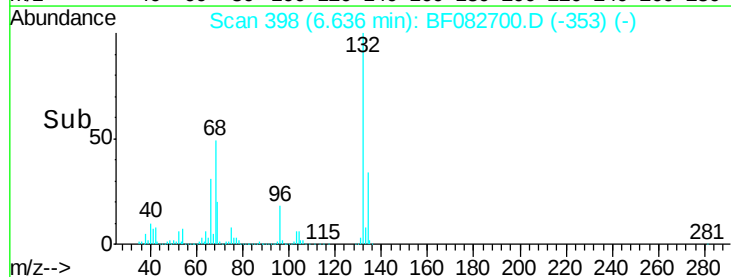
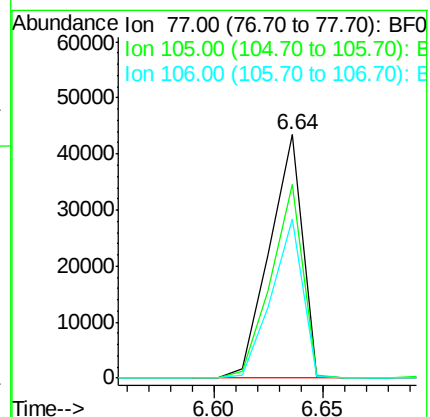
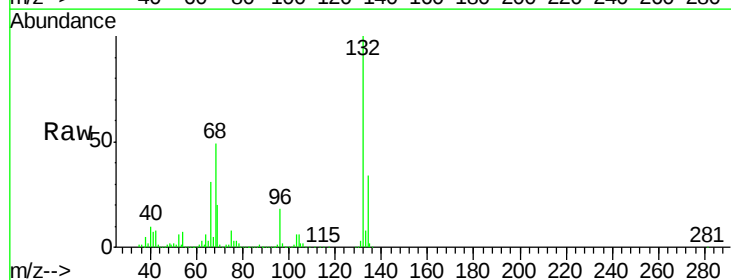
Tgt Ion: 77 Resp: 46165

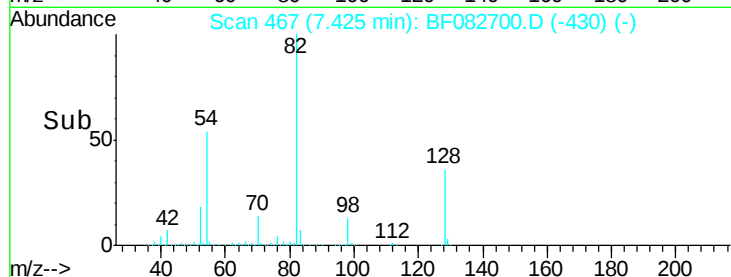
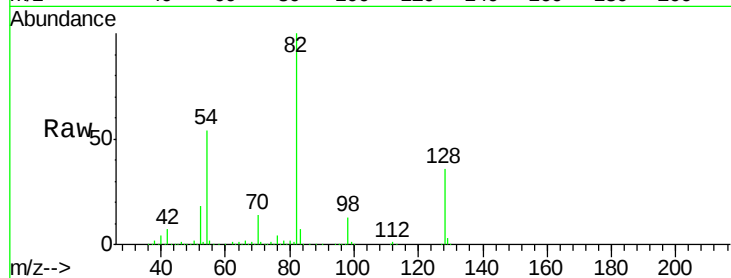
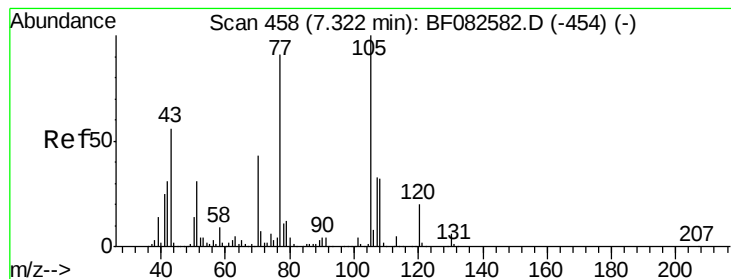
Ion Ratio Lower Upper

77 100

105 79.5 63.5 103.5

106 65.2 59.3 99.3





#19

n-Nitroso-di-n-propylamine

Concen: 13.67 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

Tgt Ion: 70 Resp: 174750

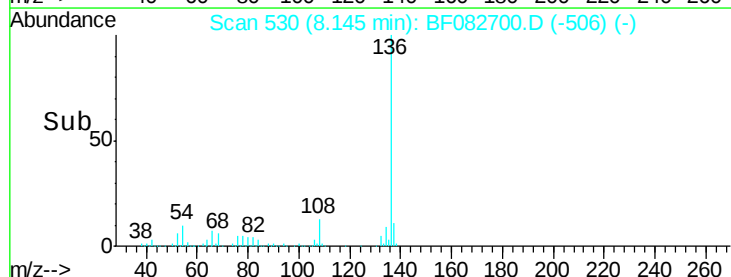
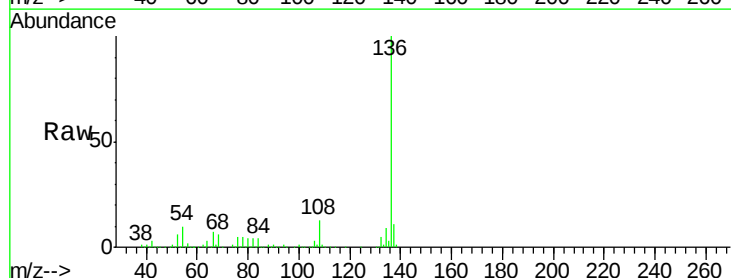
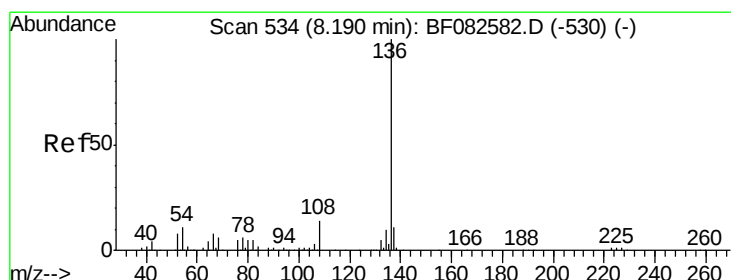
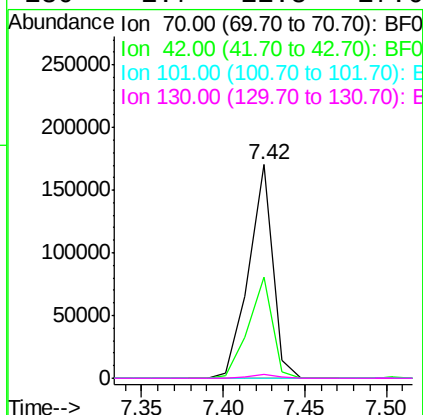
Ion Ratio Lower Upper

70 100

42 47.3 57.7 86.5#

101 0.0 7.0 10.6#

130 1.7 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: BF082700.D

Acq: 4 Nov 2015 14:50

Tgt Ion: 136 Resp: 686483

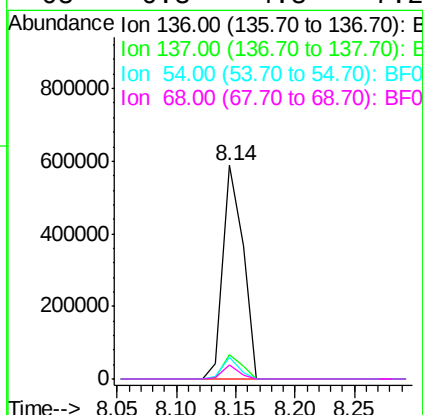
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 10.5 9.1 13.7

68 6.3 4.8 7.2

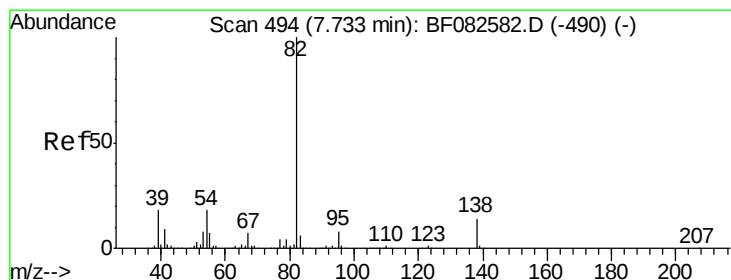
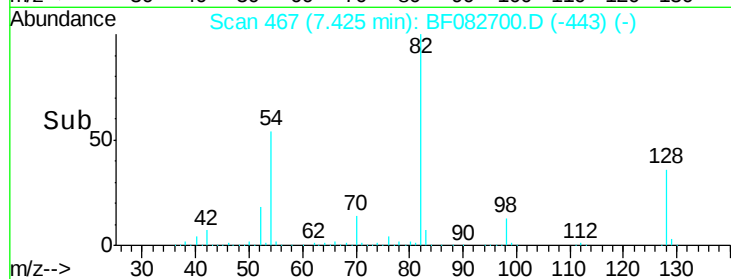
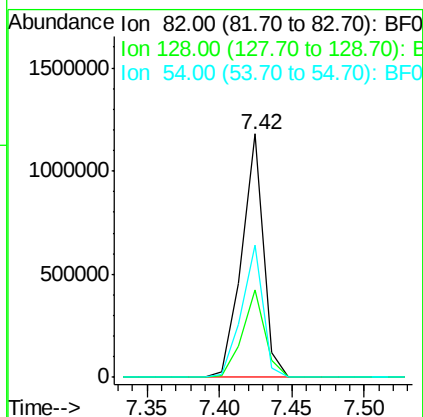
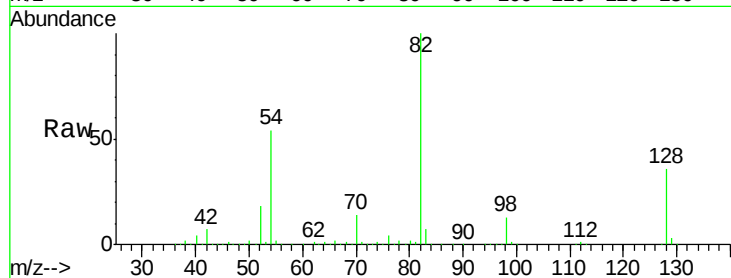




#23
 Nitrobenzene-d5
 Concen: 72.74 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

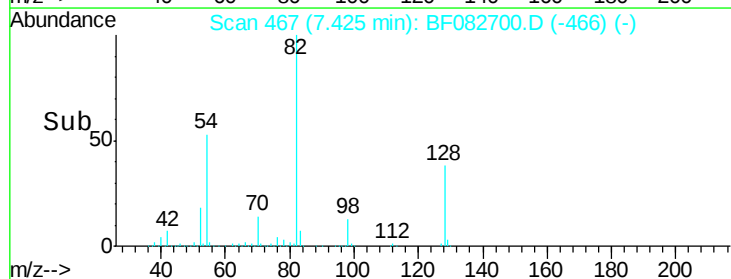
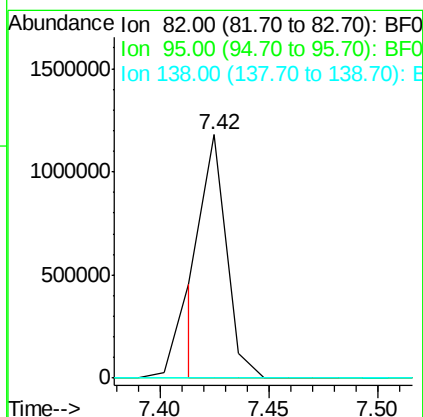
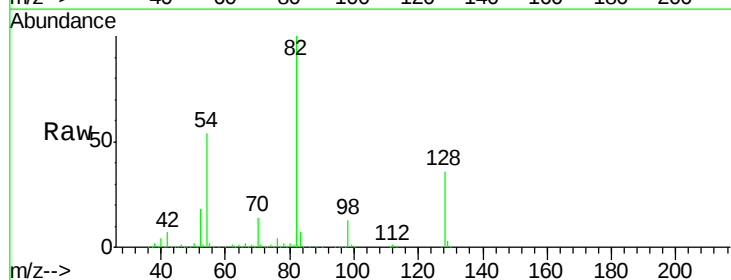
Instrument :
 BNA_F
 ClientSampleId :
 SB-06(18-20)

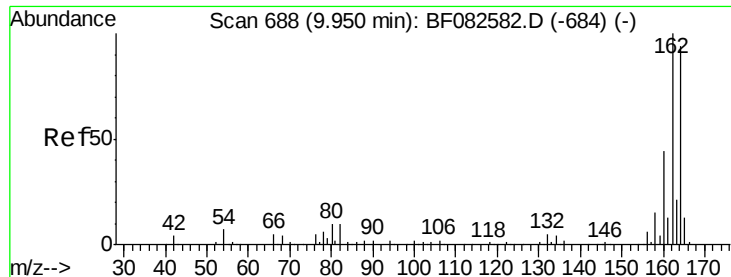
Tgt Ion: 82 Resp: 1222900
 Ion Ratio Lower Upper
 82 100
 128 36.1 26.8 40.2
 54 54.3 45.7 68.5



#25
 Isophorone
 Concen: 28.91 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.29 min
 Lab File: BF082700.D
 Acq: 4 Nov 2015 14:50

Tgt Ion: 82 Resp: 894144
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

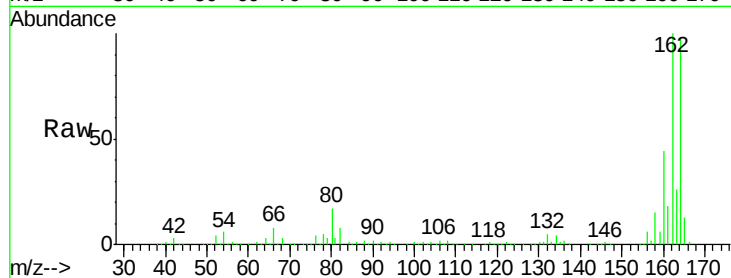
Tgt Ion:164 Resp: 412137

Ion Ratio Lower Upper

164 100

162 102.1 84.9 127.3

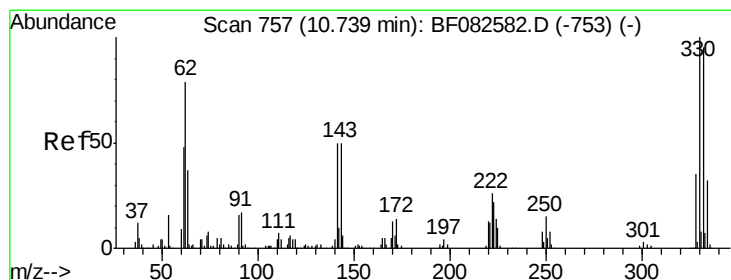
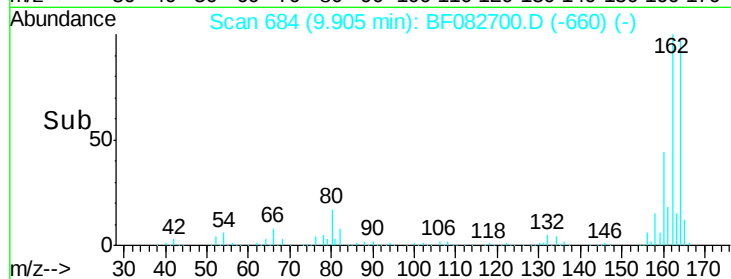
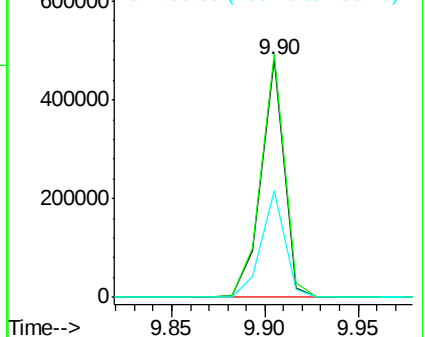
160 44.7 37.5 56.3



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: 122.19 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

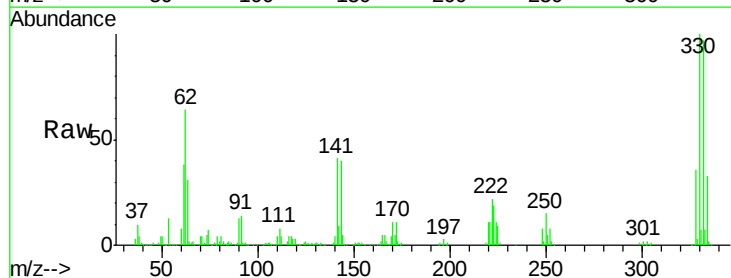
Tgt Ion:330 Resp: 551121

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

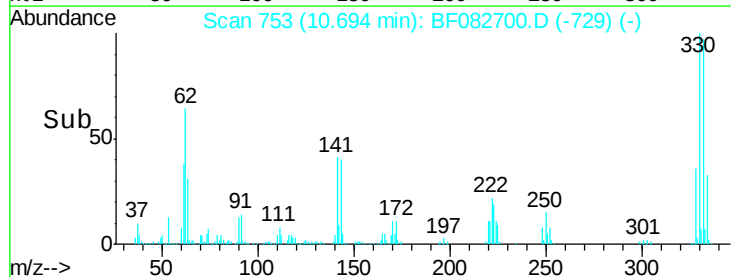
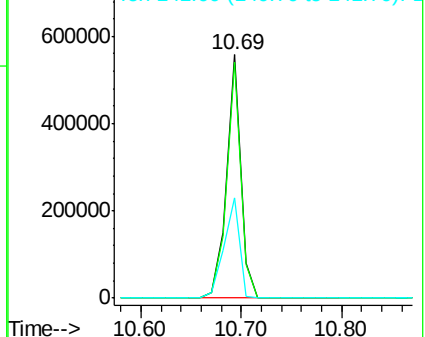
141 44.4 41.2 61.8

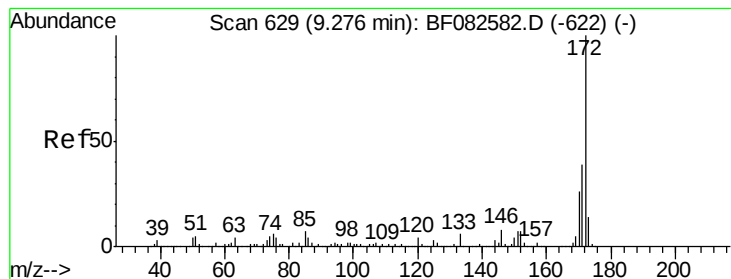


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 72.71 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

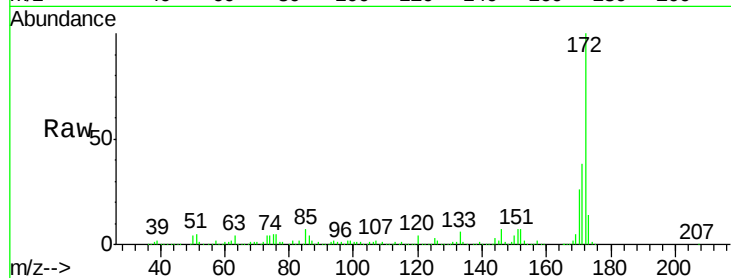
Tgt Ion:172 Resp: 2110463

Ion Ratio Lower Upper

172 100

171 38.3 30.8 46.2

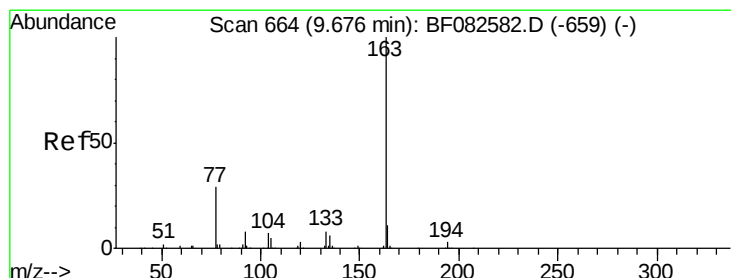
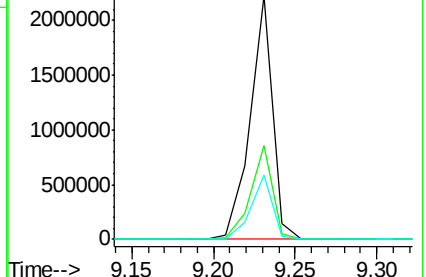
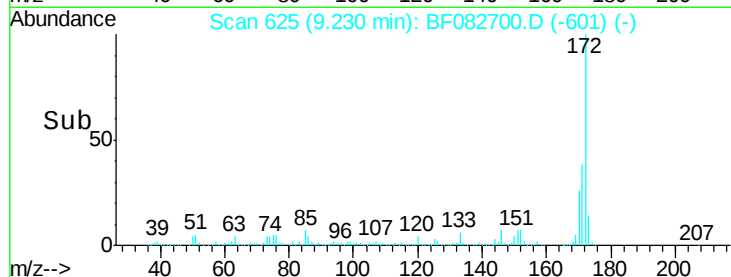
170 26.3 21.2 31.8



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: 12.26 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

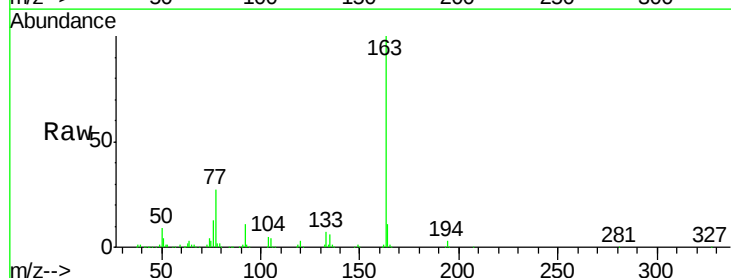
Tgt Ion:163 Resp: 412660

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

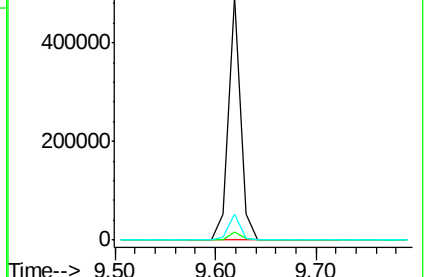
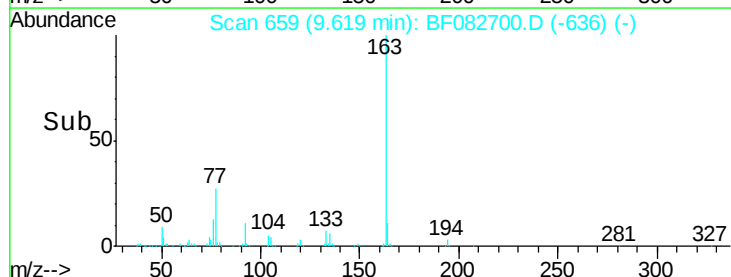
164 10.6 8.7 13.1

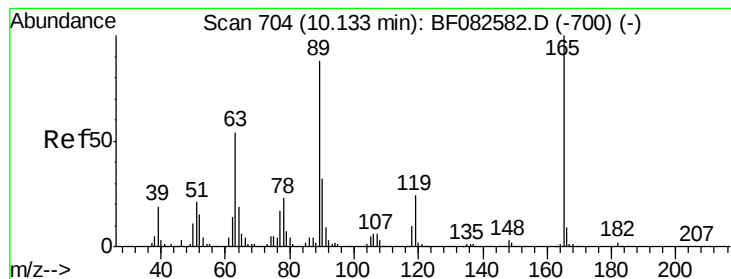


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 5.65 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

Tgt Ion:165 Resp: 53283

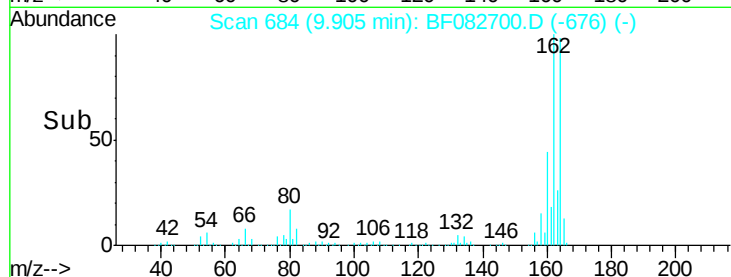
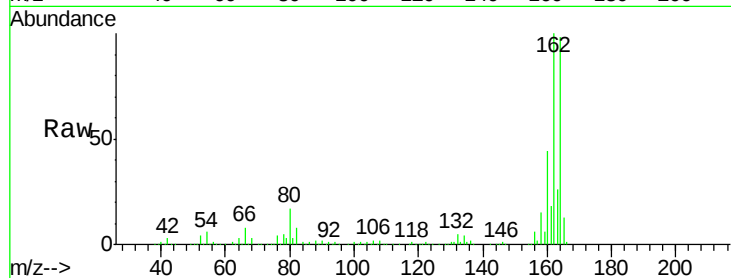
Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.0#

89 1.6 70.6 106.0#

182 0.0 1.5 2.3#

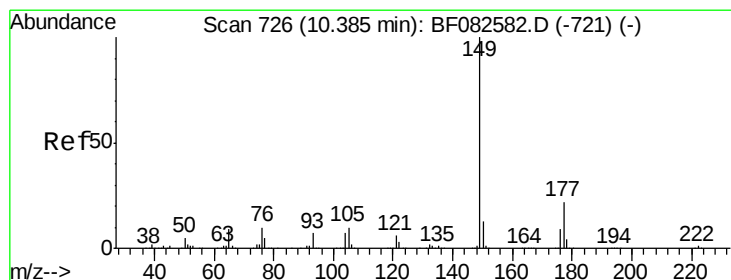
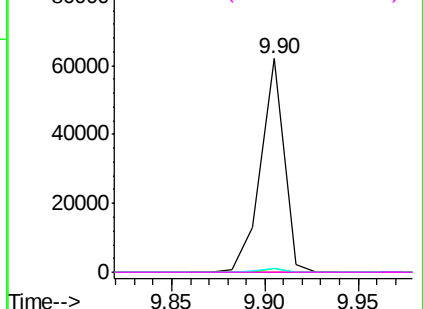


Abundance Ion 165.00 (164.70 to 165.70): E

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



#59

Diethylphthalate

Concen: 2.71 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

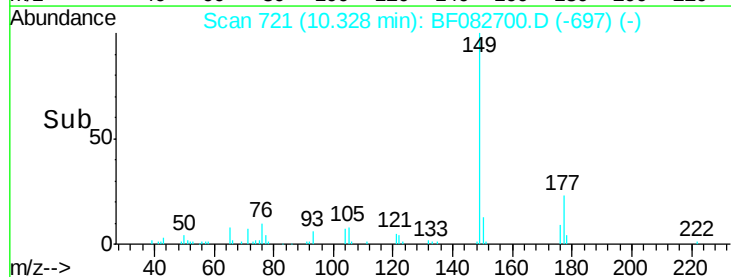
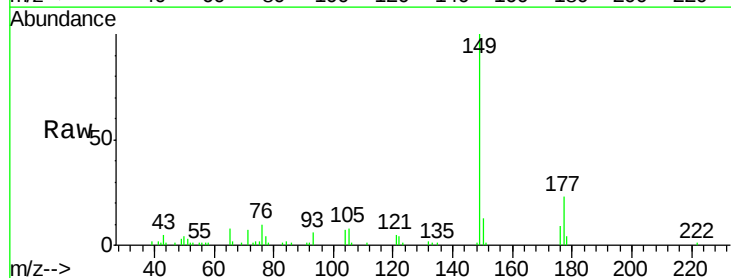
Tgt Ion:149 Resp: 92966

Ion Ratio Lower Upper

149 100

177 22.6 17.9 26.9

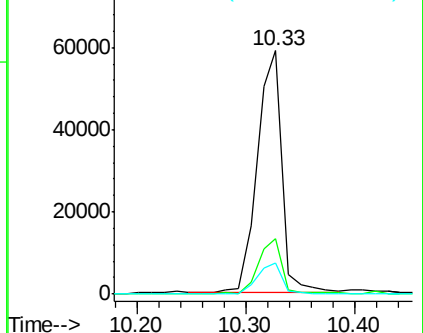
150 12.8 10.1 15.1

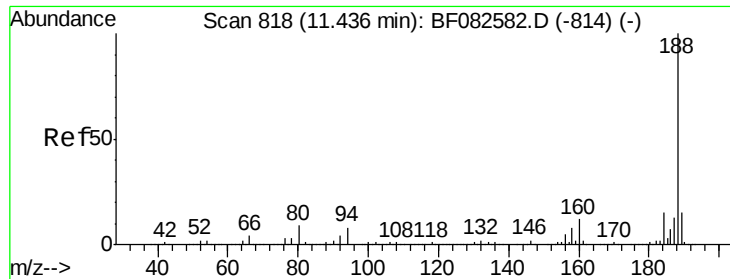


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

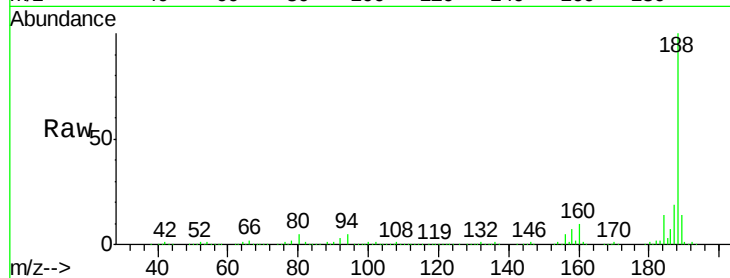




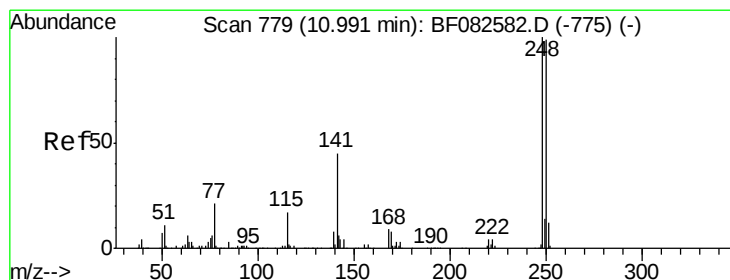
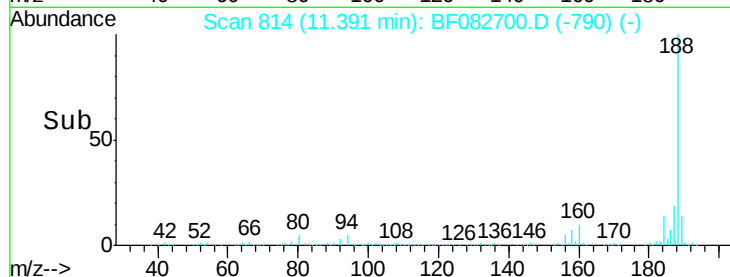
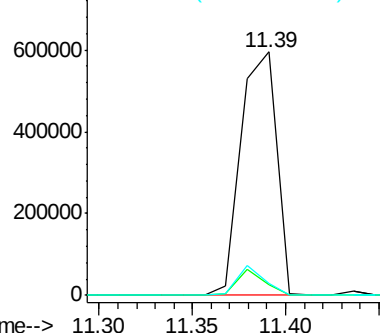
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.02 min
Lab File: BF082700.D
Acq: 4 Nov 2015 14:50

Instrument :
BNA_F
ClientSampleId :
SB-06(18-20)

Tgt Ion:188 Resp: 791462
Ion Ratio Lower Upper
188 100
94 4.6 6.1 9.1#
80 5.2 7.0 10.6#

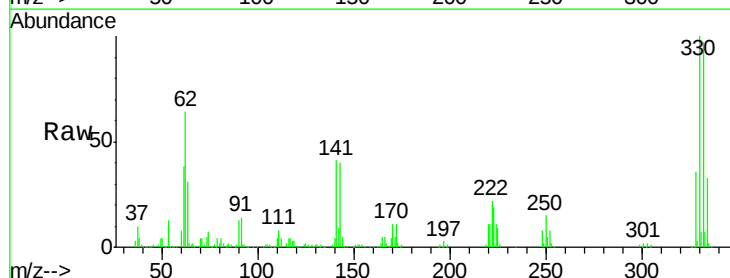


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

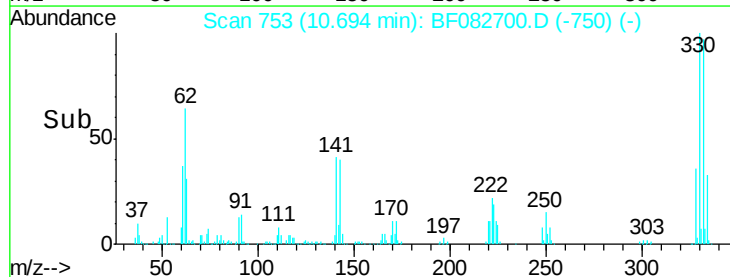
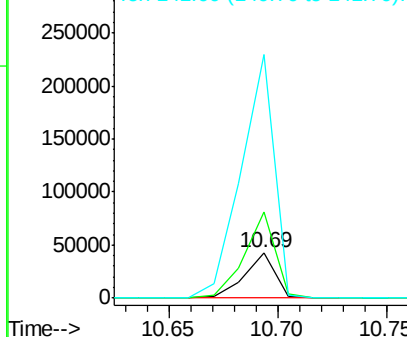


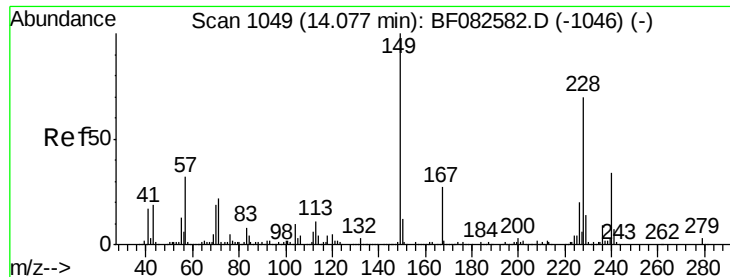
#66
4-Bromophenyl-phenylether
Concen: 4.69 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082700.D
Acq: 4 Nov 2015 14:50

Tgt Ion:248 Resp: 42084
Ion Ratio Lower Upper
248 100
250 188.9 79.4 119.2#
141 535.0 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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

Instrument :

BNA_F

ClientSampleId :

SB-06(18-20)

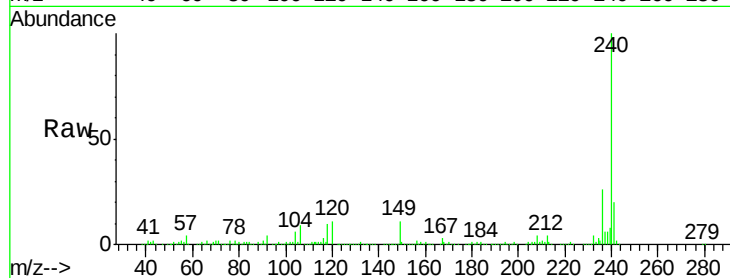
Tgt Ion:240 Resp: 737487

Ion Ratio Lower Upper

240 100

120 10.8 10.9 16.3#

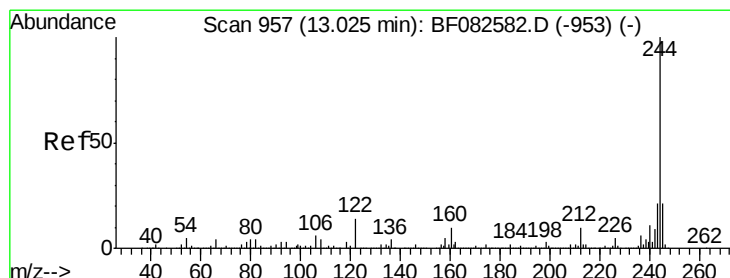
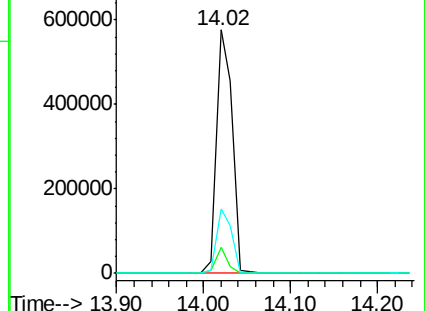
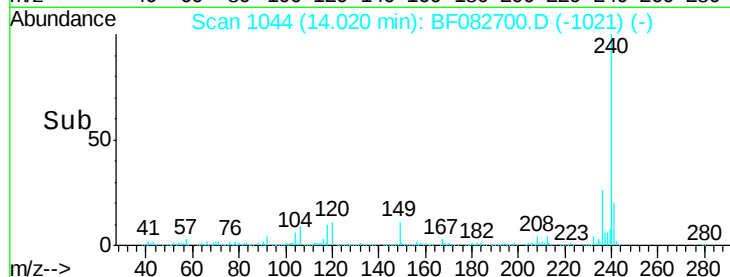
236 26.3 21.6 32.4



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: 72.25 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082700.D

Acq: 4 Nov 2015 14:50

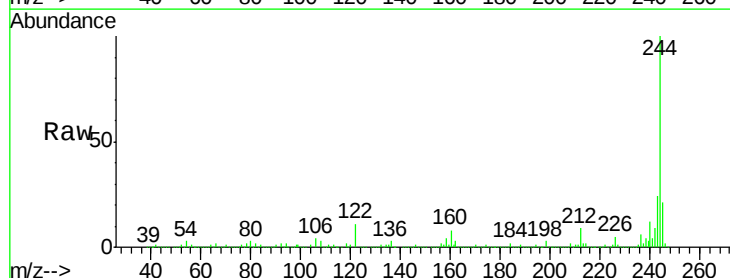
Tgt Ion:244 Resp: 2434680

Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

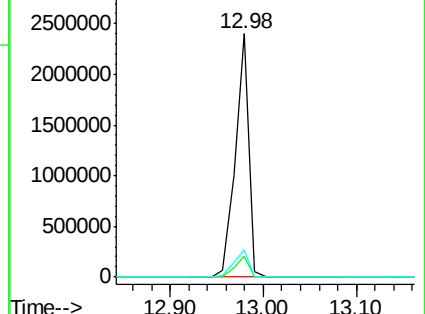
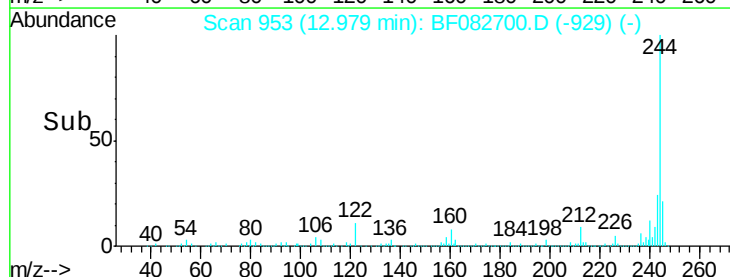
122 11.5 11.3 16.9

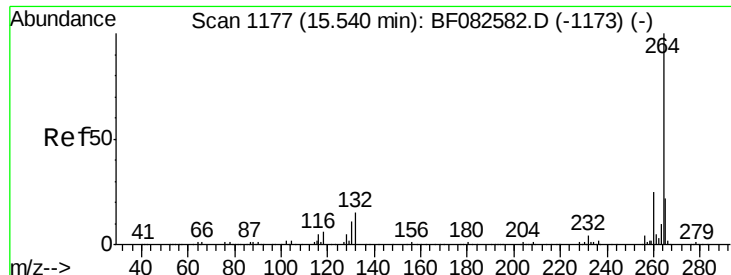


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

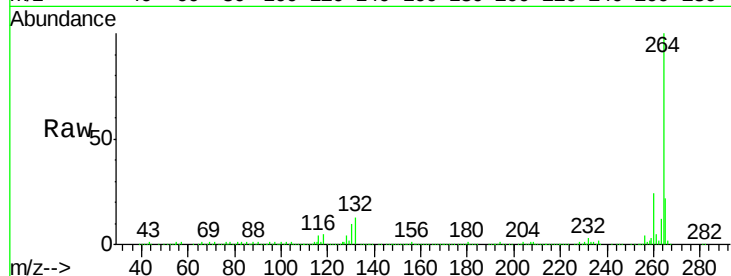




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082700.D
Acq: 4 Nov 2015 14:50

Instrument :
BNA_F
ClientSampleId :
SB-06(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.6
265	21.8	17.4	26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

