

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082737.D
 Acq On : 5 Nov 2015 19:01
 Operator : UM/IZ
 Sample : G4261-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Quant Time: Nov 06 01:16:56 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

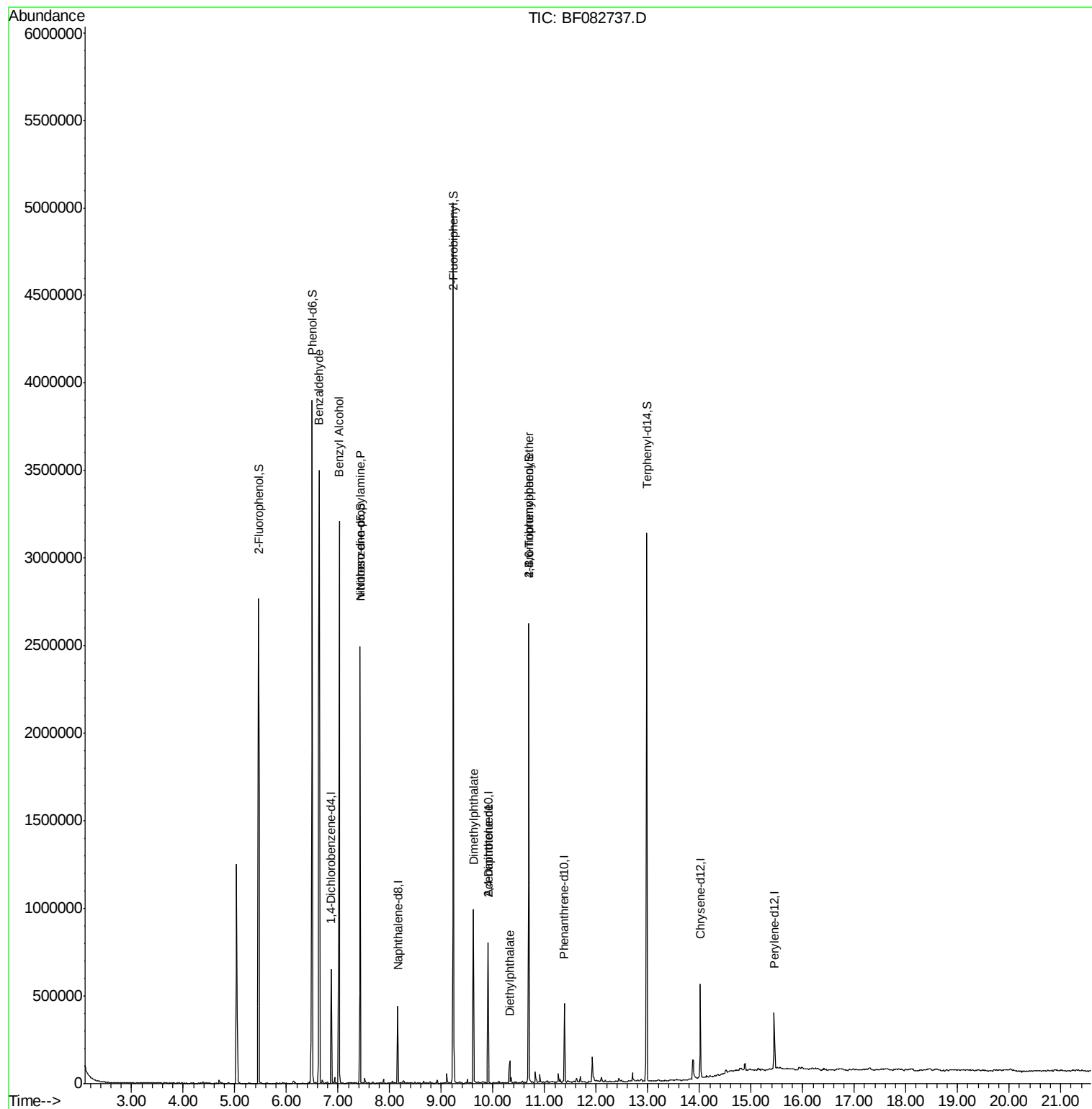
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	85535	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	274713	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	146415	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	230228	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	179237	20.00	ng	-0.03
86) Perylene-d12	15.45	264	162875	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	920815	162.14	ng	-0.01
7) Phenol-d6	6.50	99	1396024	185.03	ng	-0.01
23) Nitrobenzene-d5	7.42	82	773267	114.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	321365	200.56	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1337406	129.69	ng	-0.02
78) Terphenyl-d14	12.98	244	1299162	158.63	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.64	77	29177	5.66	ng	Qvalue 94
15) Benzyl Alcohol	7.02	79	16130	2.29	ng	# 58
19) n-Nitroso-di-n-propylamine	7.42	70	107834	18.85	ng	# 71
49) Dimethylphthalate	9.62	163	345198	28.87	ng	100
56) 2,4-Dinitrotoluene	9.90	165	19667	5.87	ng	# 16
59) Diethylphthalate	10.33	149	53705	4.41	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	22013	8.44	ng	# 1

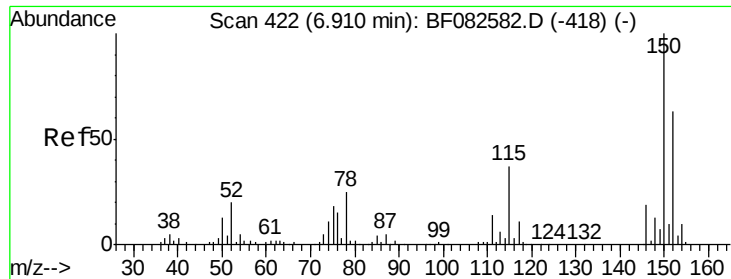
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

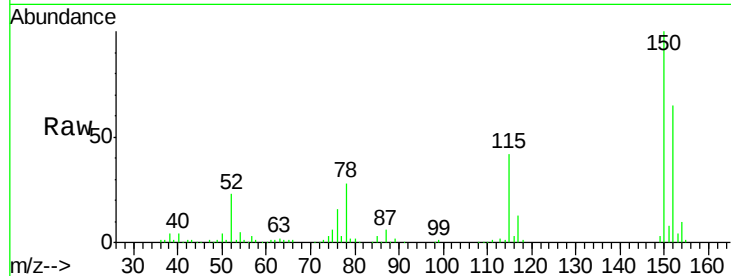
Tgt Ion:152 Resp: 85535

Ion Ratio Lower Upper

152 100

150 153.4 127.0 190.4

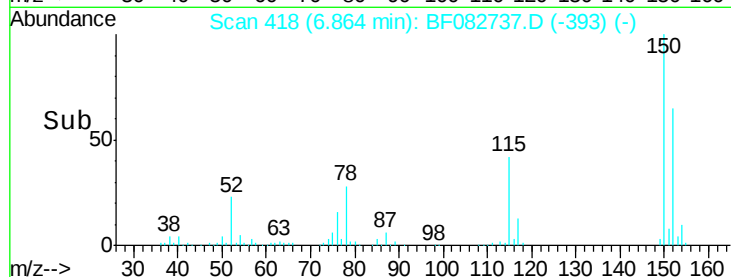
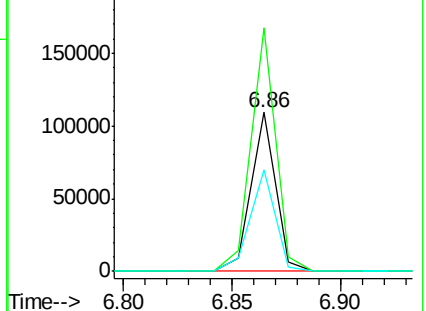
115 64.2 47.0 70.6



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: 162.14 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.01 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

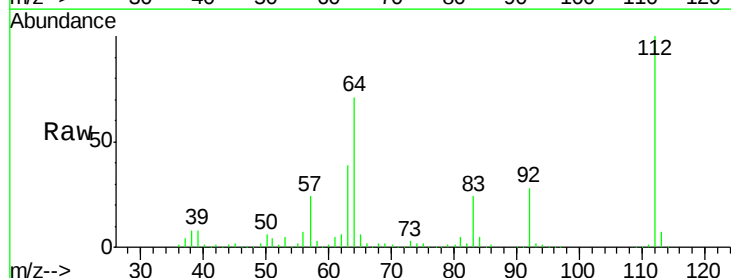
Tgt Ion:112 Resp: 920815

Ion Ratio Lower Upper

112 100

64 70.7 48.9 73.3

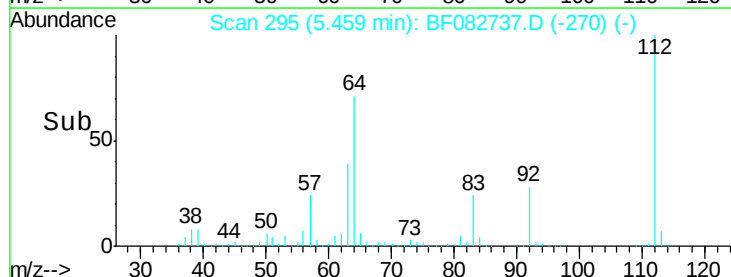
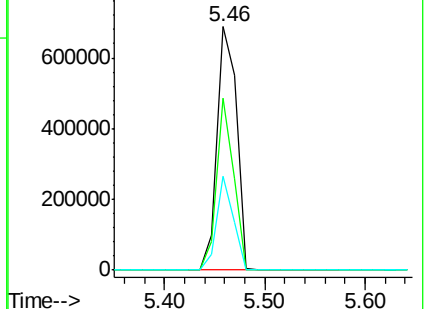
63 38.7 28.1 42.1



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: 185.03 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

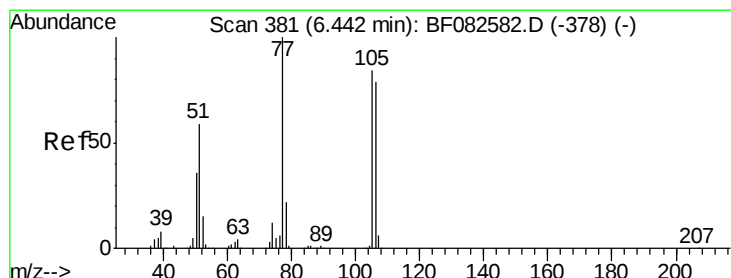
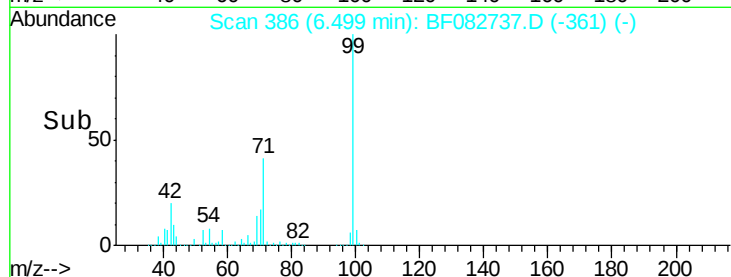
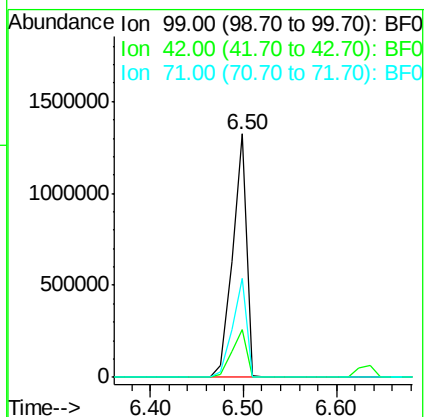
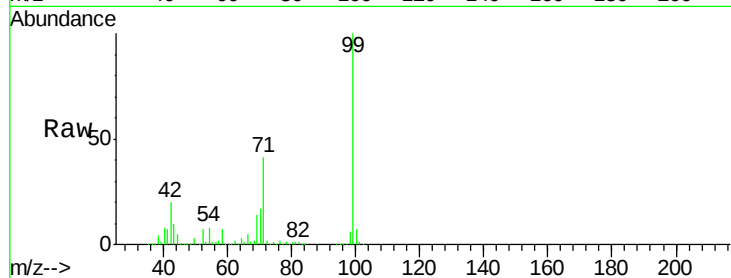
Tgt Ion: 99 Resp: 1396024

Ion Ratio Lower Upper

99 100

42 19.8 19.2 28.8

71 40.5 35.0 52.4



#9

Benzaldehyde

Concen: 5.66 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.22 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

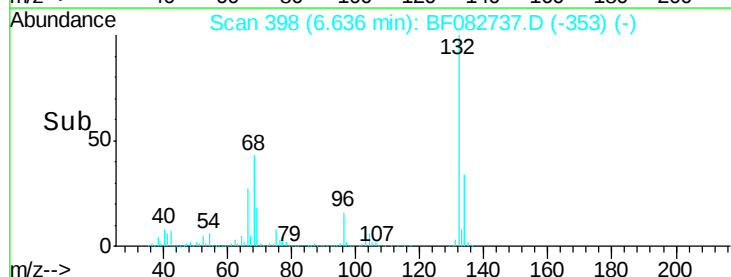
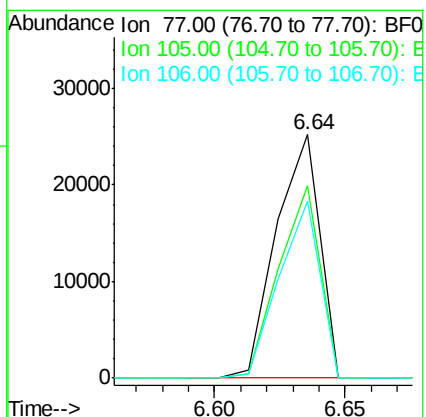
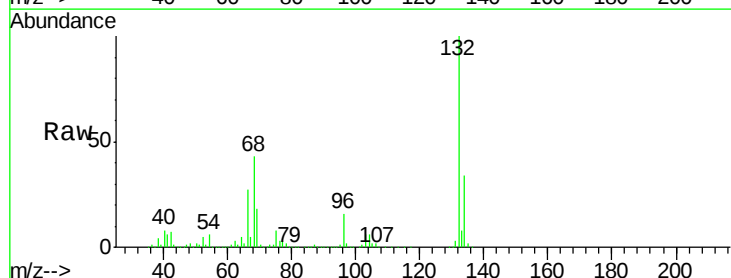
Tgt Ion: 77 Resp: 29177

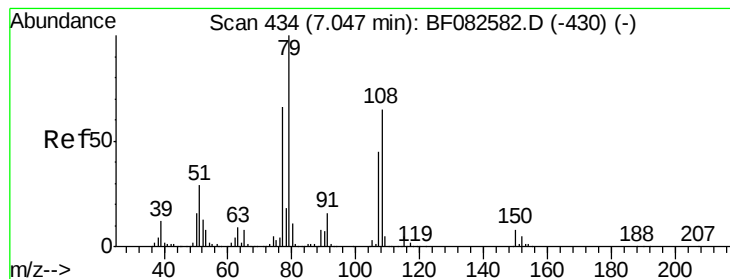
Ion Ratio Lower Upper

77 100

105 79.3 63.5 103.5

106 72.9 59.3 99.3





#15

Benzyl Alcohol

Concen: 2.29 ng

RT: 7.02 min Scan# 432

Delta R.T. 0.00 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

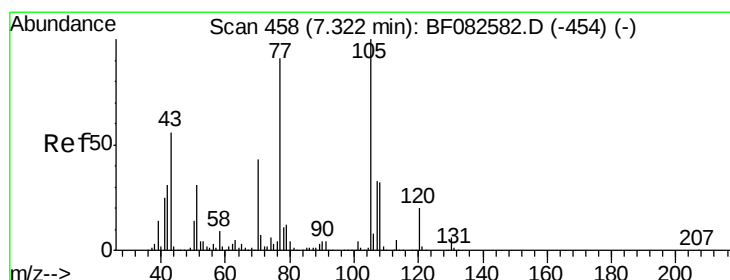
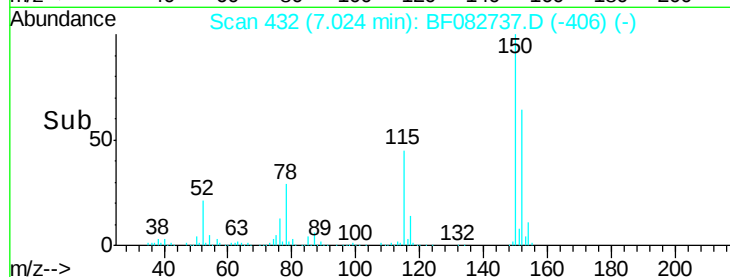
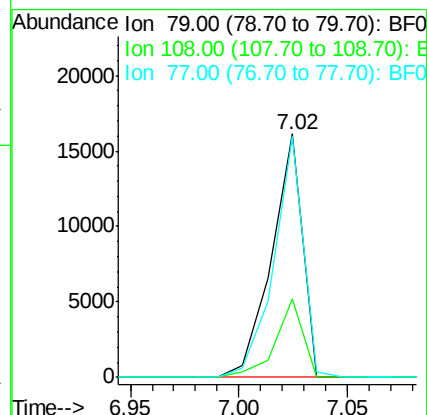
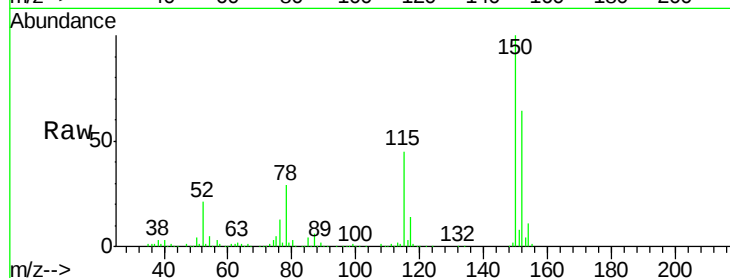
Tgt Ion: 79 Resp: 16130

Ion Ratio Lower Upper

79 100

108 32.3 52.2 78.4#

77 99.0 52.7 79.1#



#19

n-Nitroso-di-n-propylamine

Concen: 18.85 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Tgt Ion: 70 Resp: 107834

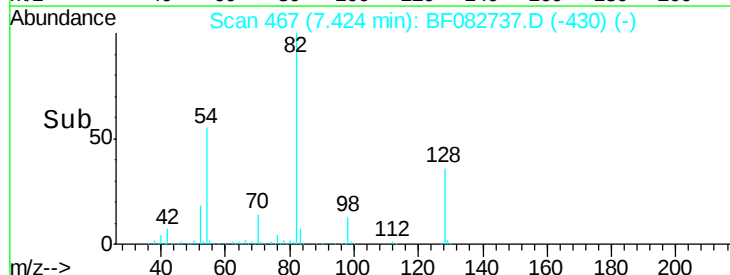
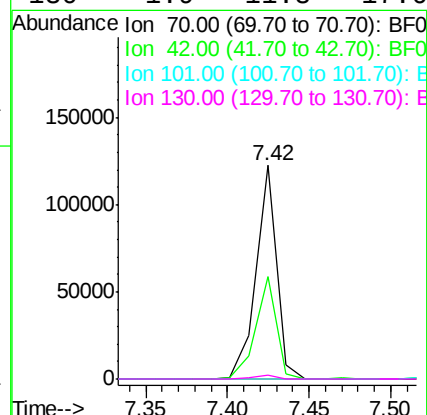
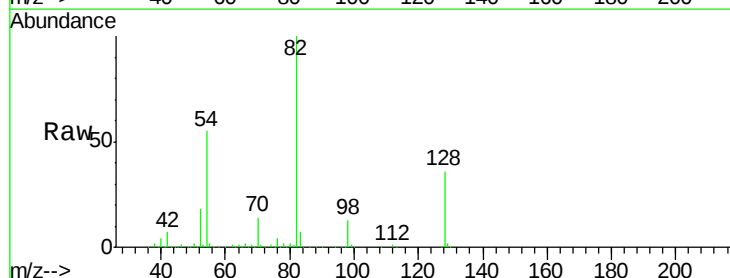
Ion Ratio Lower Upper

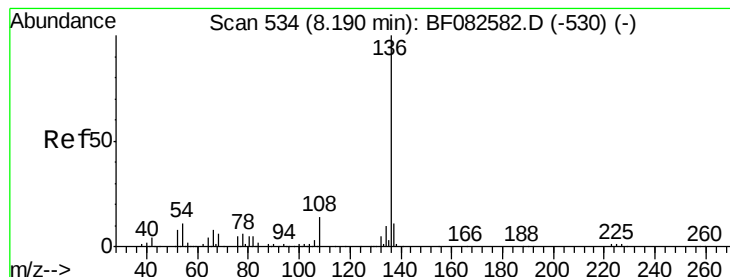
70 100

42 48.1 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: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion: 136 Resp: 274713

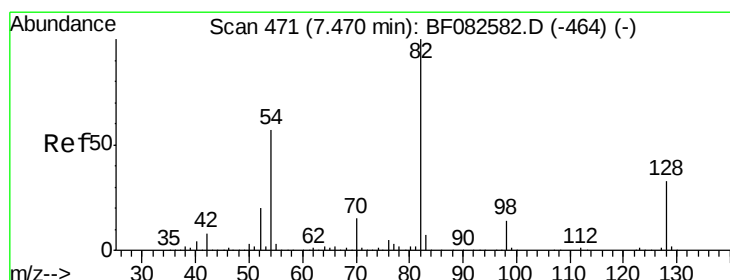
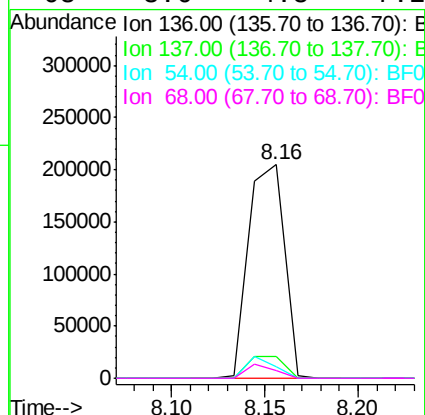
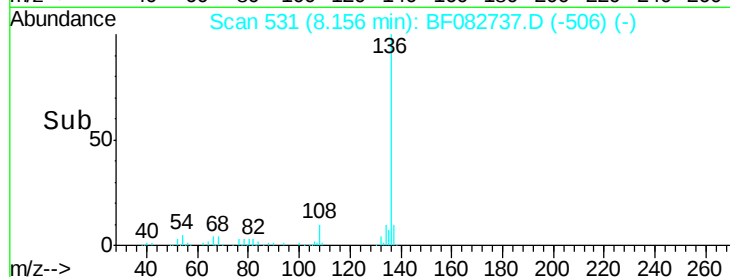
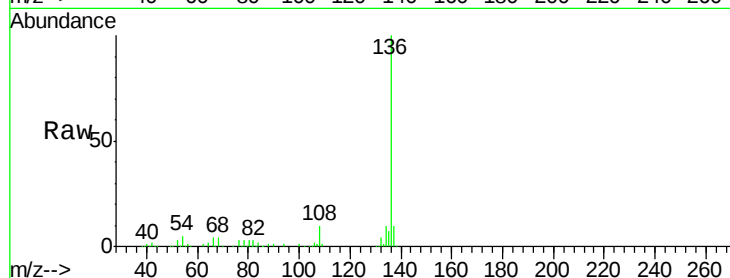
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.5 9.1 13.7#

68 3.6 4.8 7.2#



#23

Nitrobenzene-d5

Concen: 114.94 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

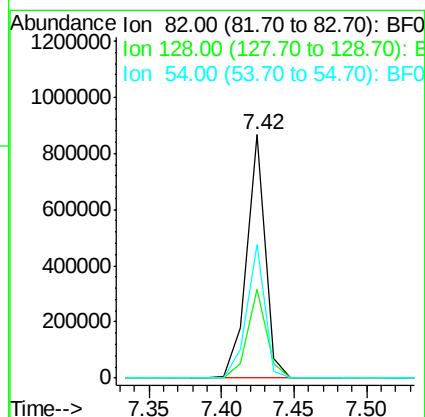
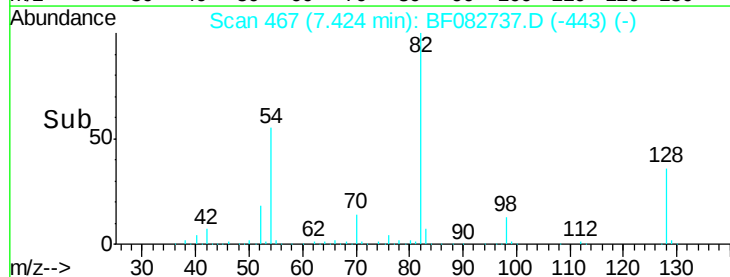
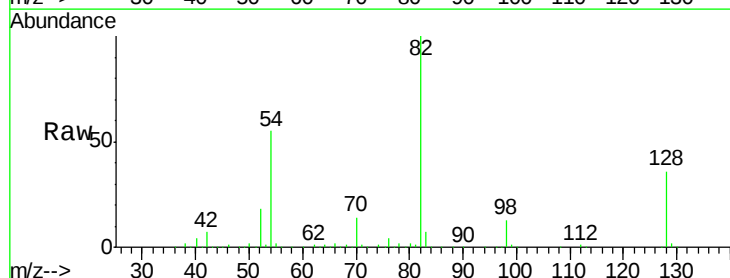
Tgt Ion: 82 Resp: 773267

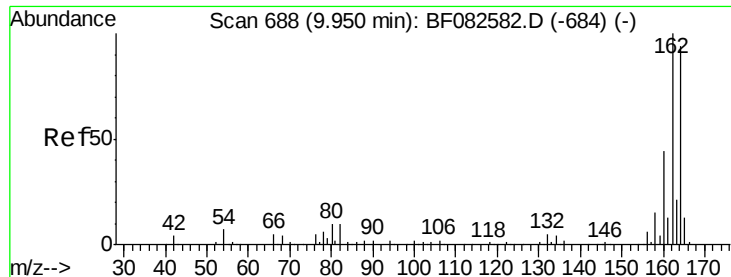
Ion Ratio Lower Upper

82 100

128 36.3 26.8 40.2

54 54.8 45.7 68.5

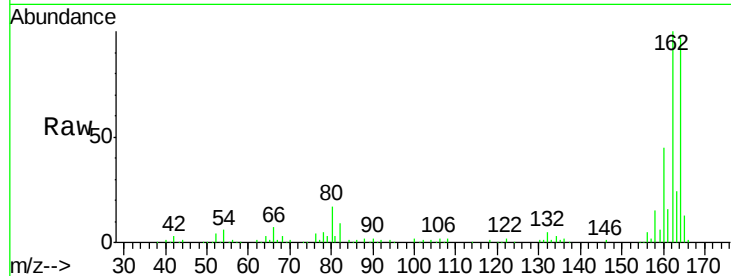




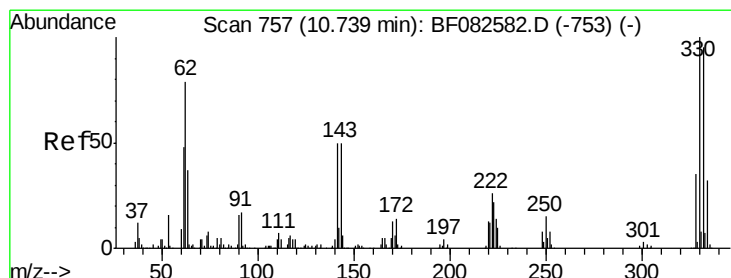
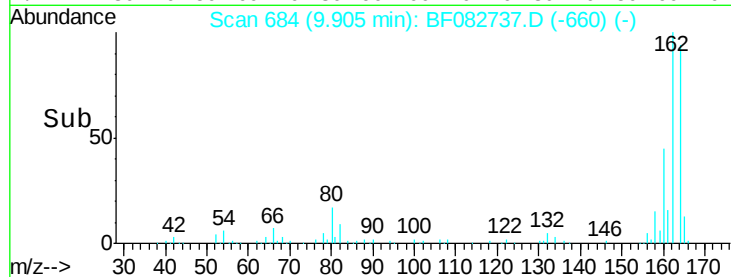
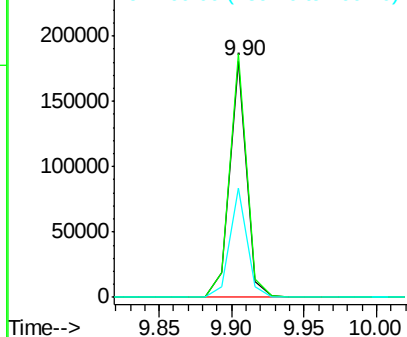
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082737.D
 Acq: 5 Nov 2015 19:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-2

Tgt Ion:164 Resp: 146415
 Ion Ratio Lower Upper
 164 100
 162 103.1 84.9 127.3
 160 46.1 37.5 56.3

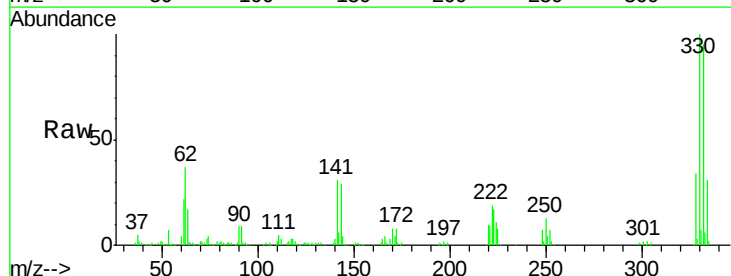


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

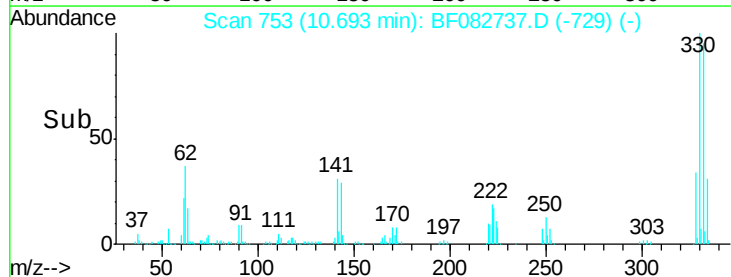
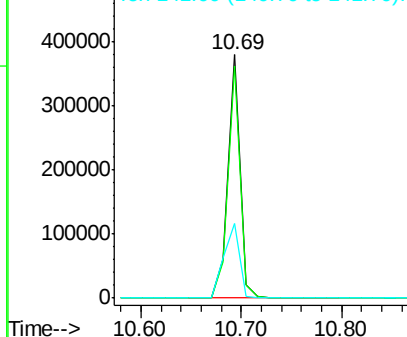


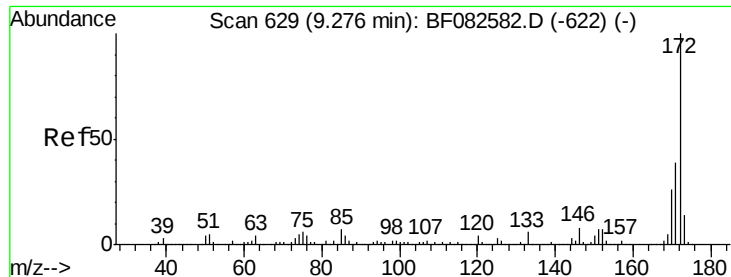
#41
 2,4,6-Tribromophenol
 Concen: 200.56 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082737.D
 Acq: 5 Nov 2015 19:01

Tgt Ion:330 Resp: 321365
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 39.6 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

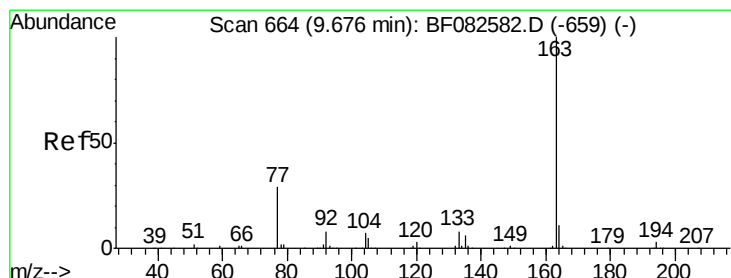
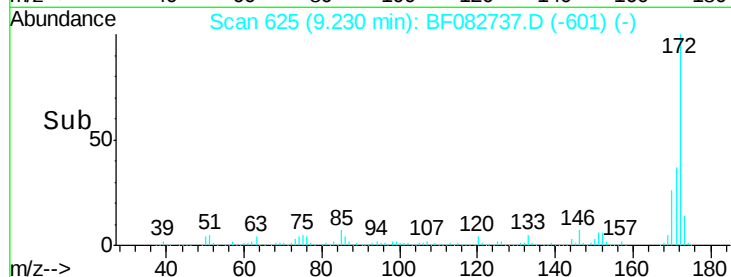
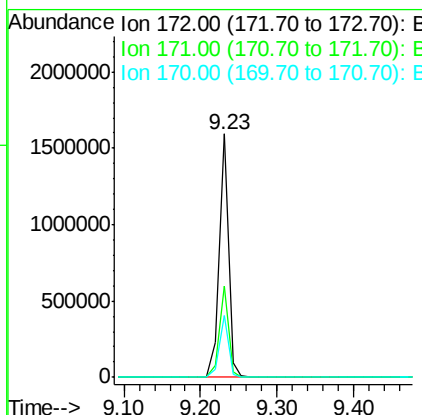
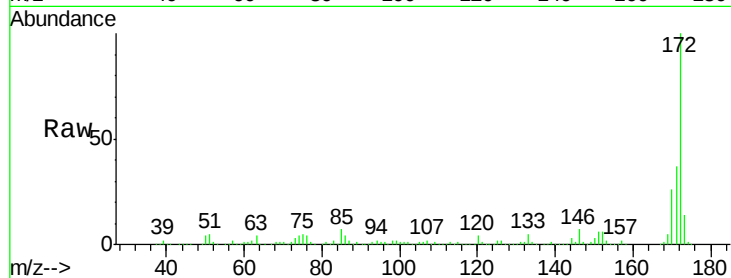




#44
 2-Fluorobiphenyl
 Concen: 129.69 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082737.D
 Acq: 5 Nov 2015 19:01

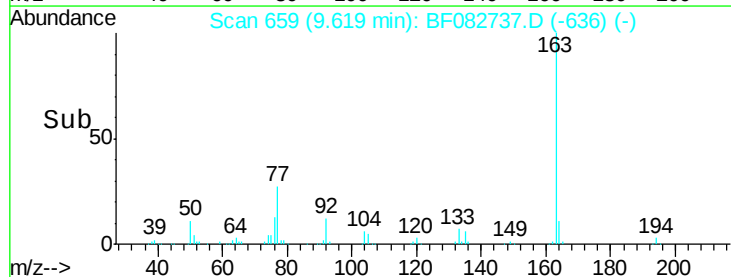
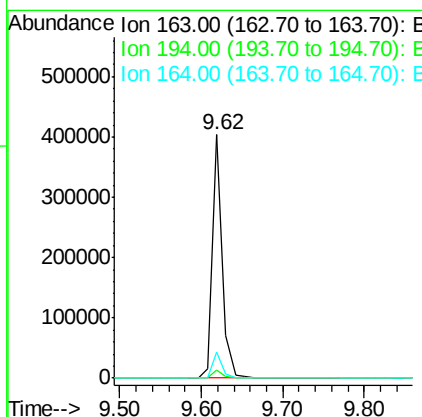
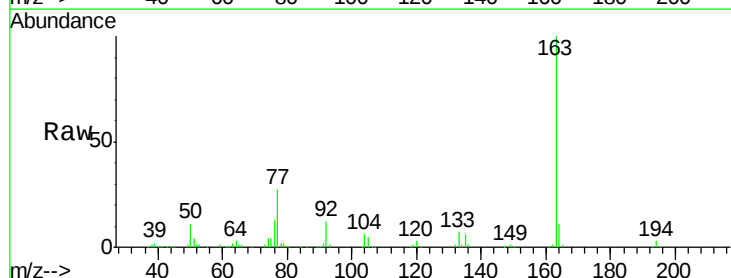
Instrument :
 BNA_F
 ClientSampleId :
 SB-2

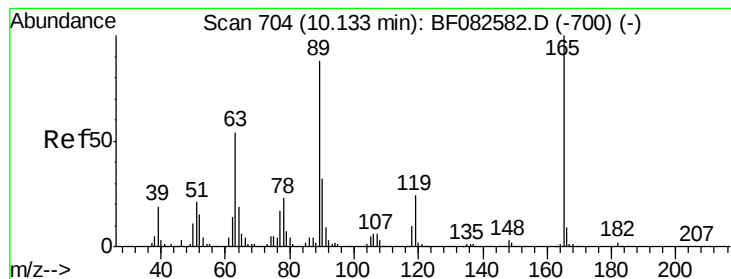
Tgt Ion:172 Resp: 1337406
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.5 21.2 31.8



#49
 Dimethylphthalate
 Concen: 28.87 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.03 min
 Lab File: BF082737.D
 Acq: 5 Nov 2015 19:01

Tgt Ion:163 Resp: 345198
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.8 8.7 13.1





#56

2,4-Dinitrotoluene

Concen: 5.87 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

Tgt Ion:165 Resp: 19667

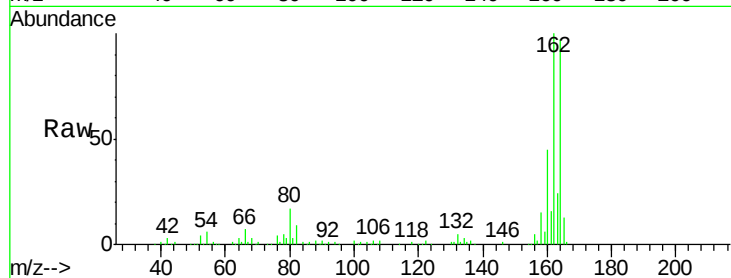
Ion Ratio Lower Upper

165 100

63 1.9 43.4 65.0#

89 1.4 70.6 106.0#

182 0.0 1.5 2.3#

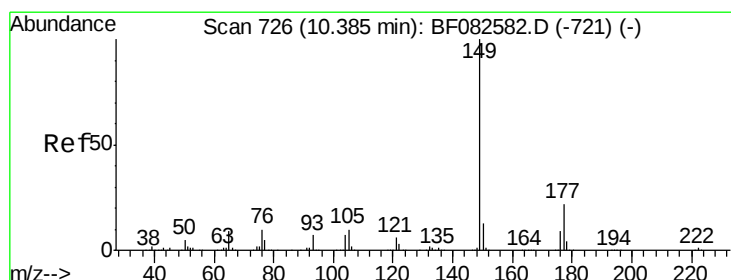
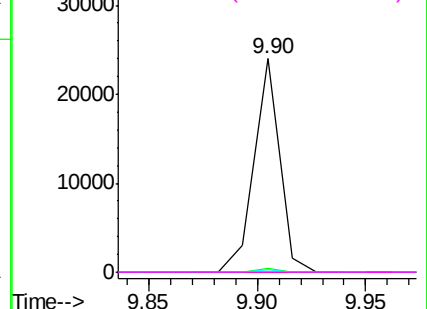
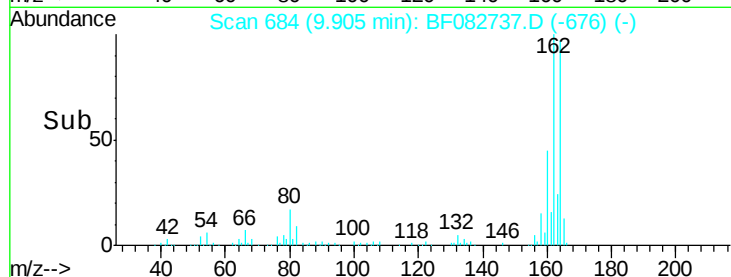


Abundance Ion 165.00 (164.70 to 165.70): E

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: 4.41 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

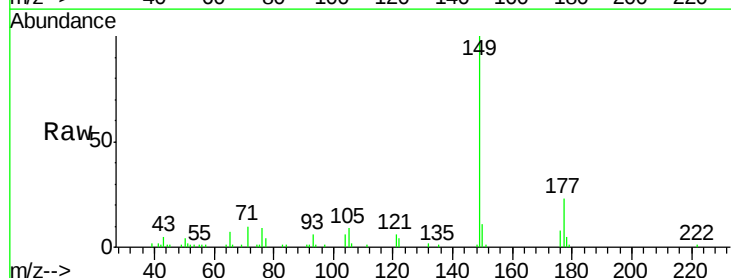
Tgt Ion:149 Resp: 53705

Ion Ratio Lower Upper

149 100

177 23.1 17.9 26.9

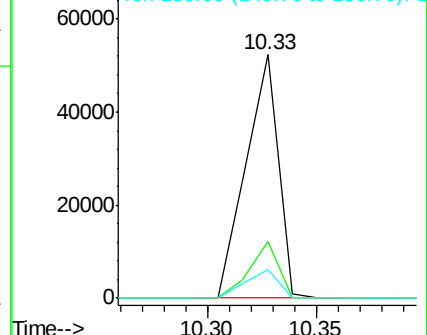
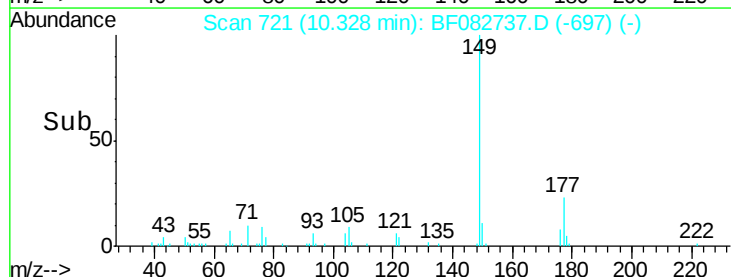
150 11.5 10.1 15.1

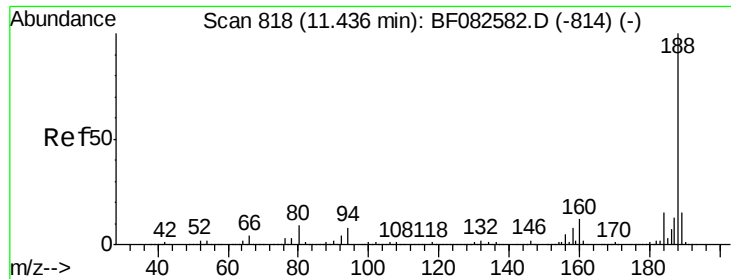


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

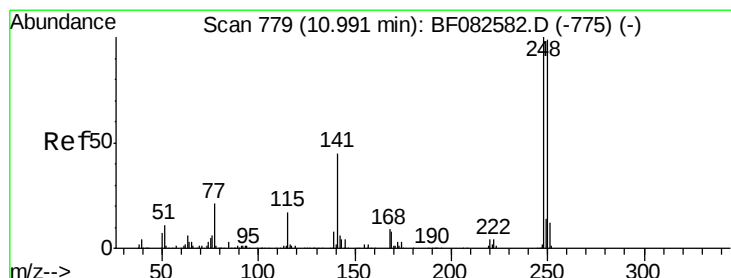
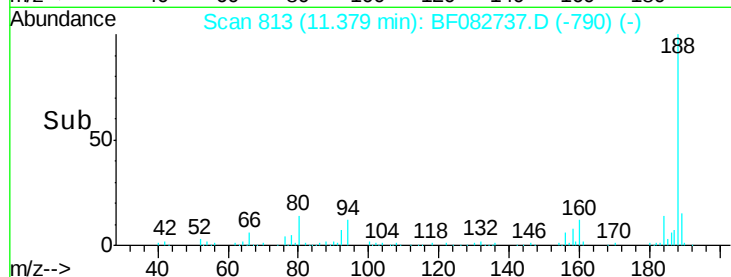
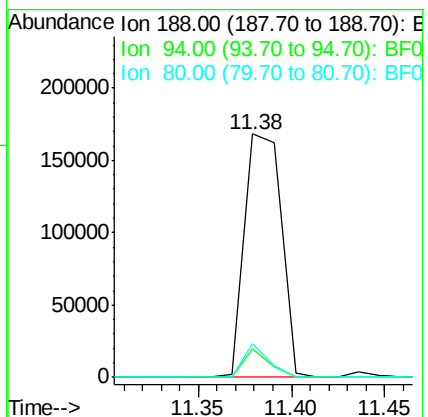
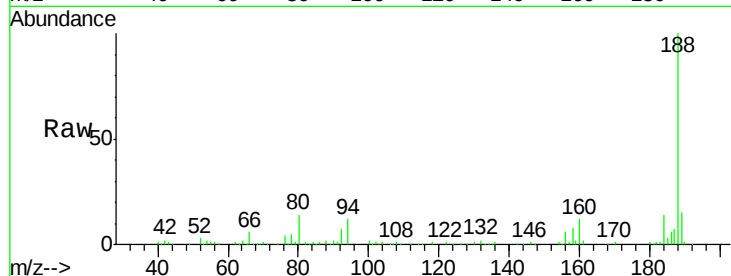




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082737.D
Acq: 5 Nov 2015 19:01

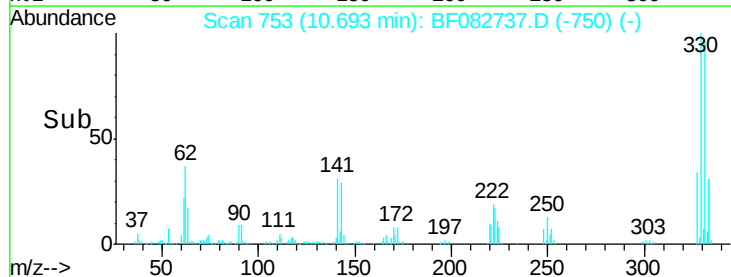
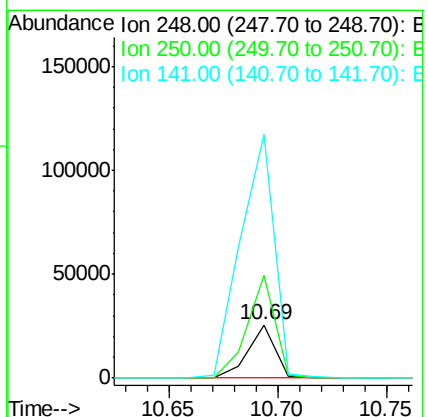
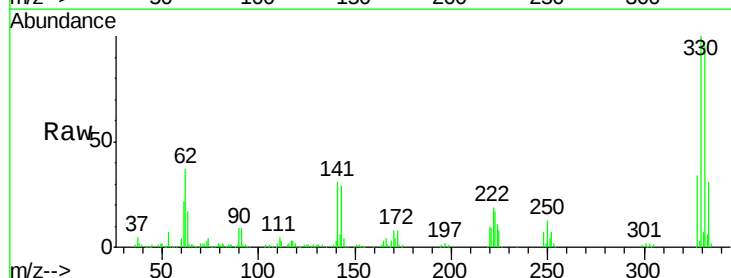
Instrument :
BNA_F
ClientSampleId :
SB-2

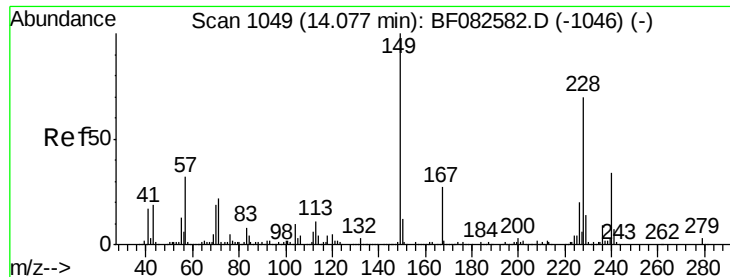
Tgt Ion:188 Resp: 230228
Ion Ratio Lower Upper
188 100
94 11.7 6.1 9.1#
80 14.1 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 8.44 ng
RT: 10.69 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF082737.D
Acq: 5 Nov 2015 19:01

Tgt Ion:248 Resp: 22013
Ion Ratio Lower Upper
248 100
250 193.1 79.4 119.2#
141 458.1 36.3 54.5#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

Instrument :

BNA_F

ClientSampleId :

SB-2

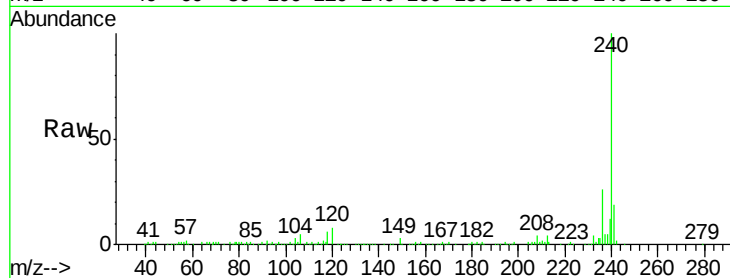
Tgt Ion:240 Resp: 179237

Ion Ratio Lower Upper

240 100

120 7.7 10.9 16.3#

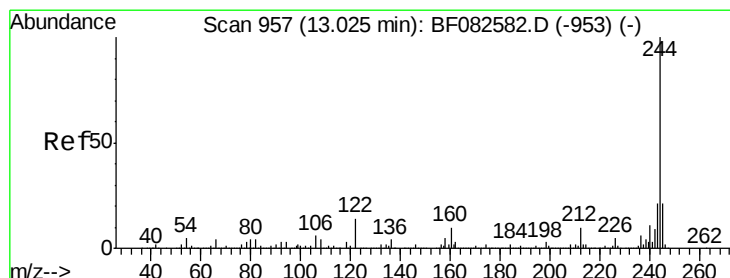
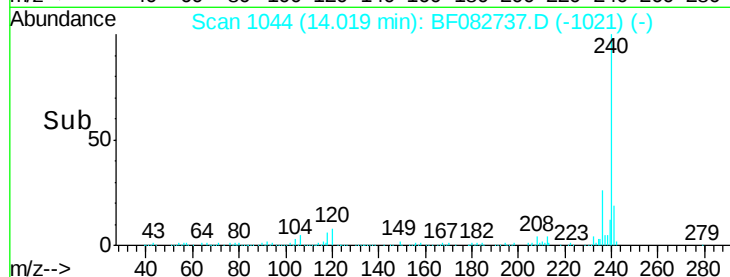
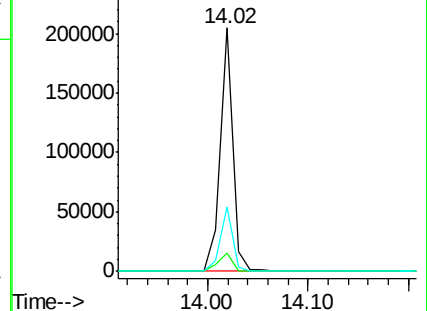
236 26.4 21.6 32.4



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: 158.63 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.02 min

Lab File: BF082737.D

Acq: 5 Nov 2015 19:01

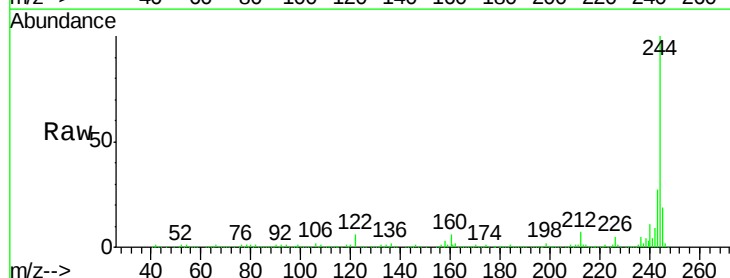
Tgt Ion:244 Resp: 1299162

Ion Ratio Lower Upper

244 100

212 7.3 7.6 11.4#

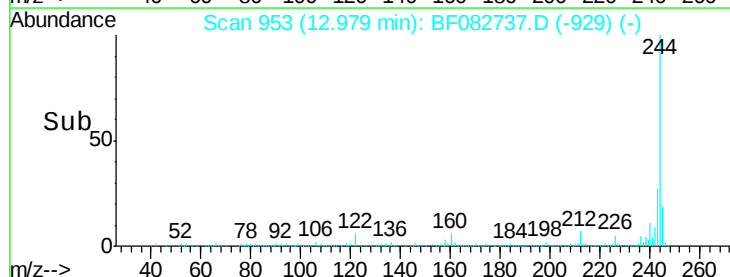
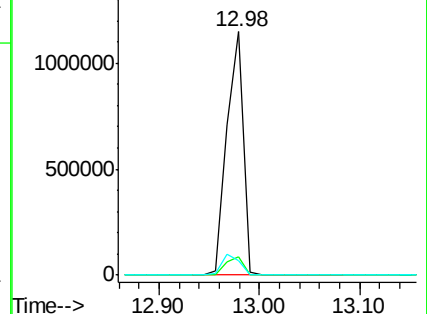
122 5.7 11.3 16.9#

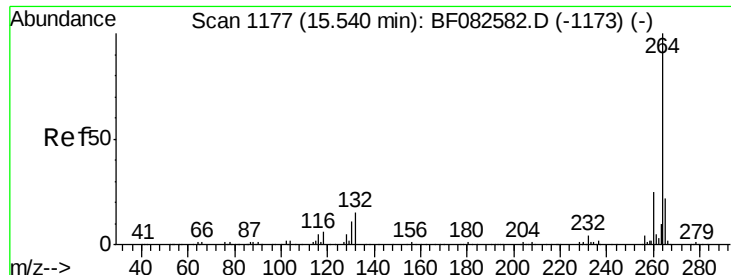


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 1169
Delta R.T. -0.06 min
Lab File: BF082737.D
Acq: 5 Nov 2015 19:01

Instrument :
BNA_F
ClientSampleId :
SB-2

Tgt Ion: 264 Resp: 162875
Ion Ratio Lower Upper
264 100
260 23.2 19.8 29.6
265 21.5 17.4 26.0

