

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082726.D
 Acq On : 5 Nov 2015 13:40
 Operator : UM/IZ
 Sample : G4241-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-10(2-4)

Quant Time: Nov 06 01:12:04 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

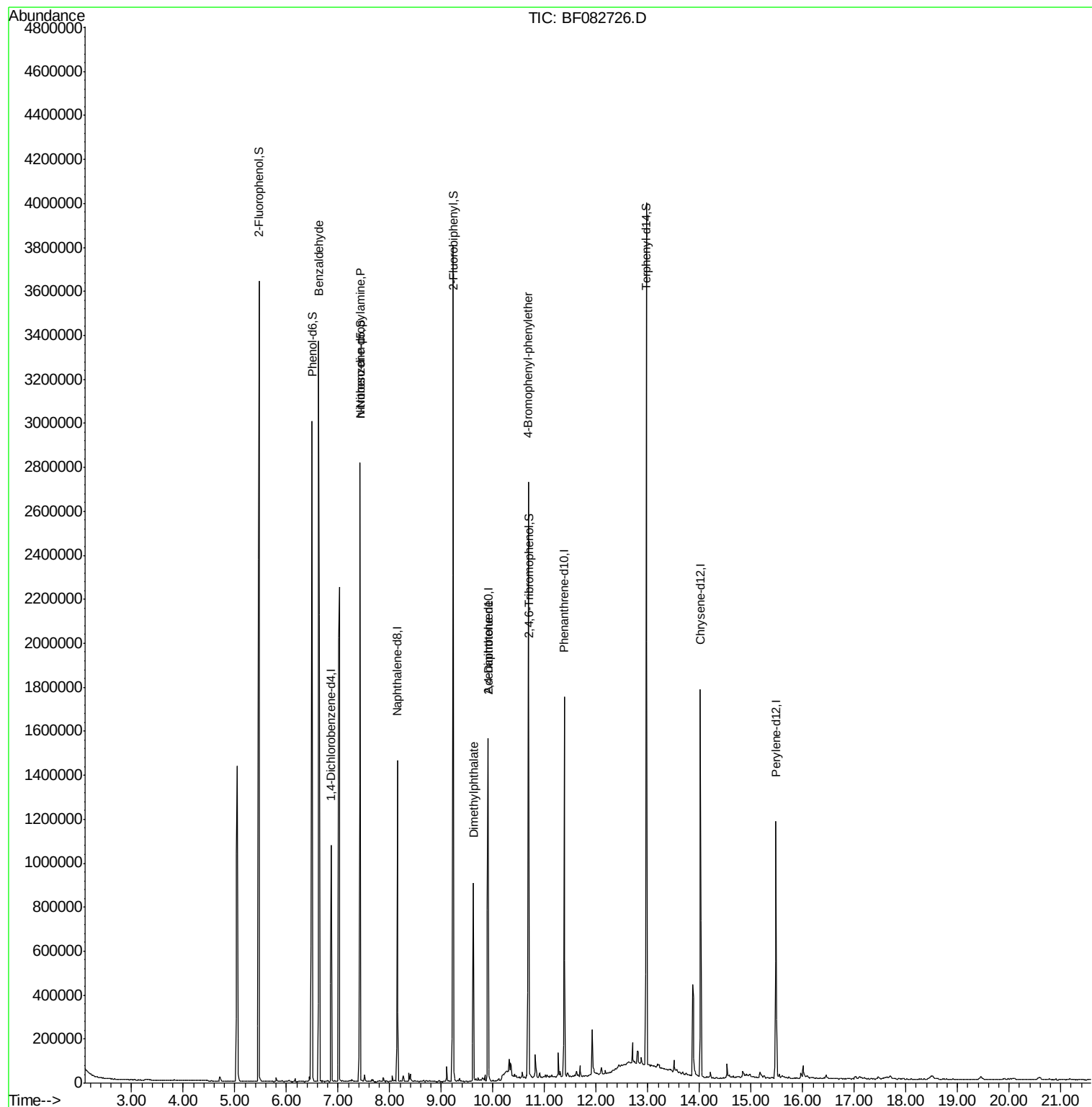
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	172291	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	613506	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	358555	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	646449	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	673801	20.00	ng	-0.03
86) Perylene-d12	15.48	264	558166	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1148160	100.37	ng	0.00
7) Phenol-d6	6.50	99	1562147	102.79	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1041312	69.31	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	440796	112.33	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1449778	57.41	ng	-0.02
78) Terphenyl-d14	12.97	244	1427345	46.36	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	29322	2.83	ng	Qvalue 86
19) n-Nitroso-di-n-propylamine	7.42	70	146438	12.71	ng	# 68
49) Dimethylphthalate	9.62	163	343065	11.72	ng	98
56) 2,4-Dinitrotoluene	9.90	165	44904	5.47	ng	# 16
66) 4-Bromophenyl-phenylether	10.68	248	26332	3.59	ng	# 1

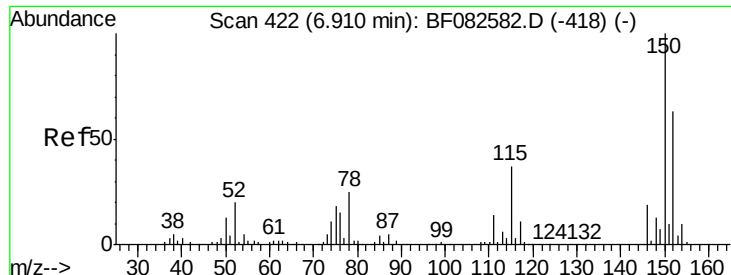
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-10(2-4)

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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: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SB-10(2-4)

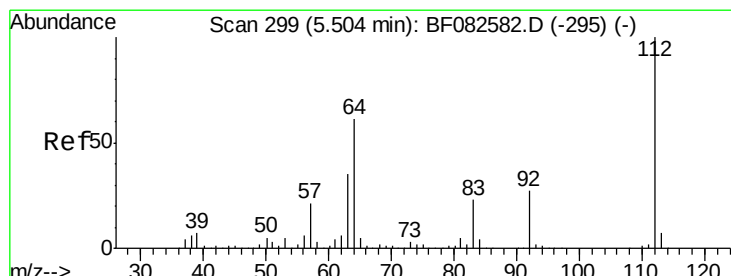
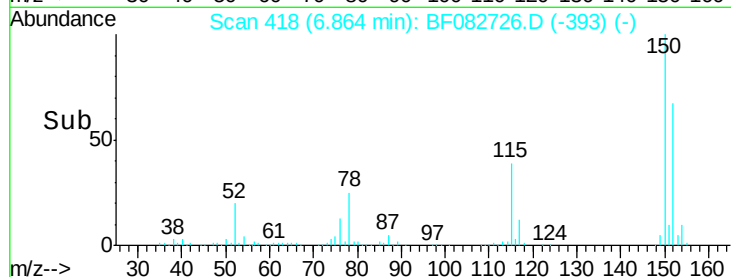
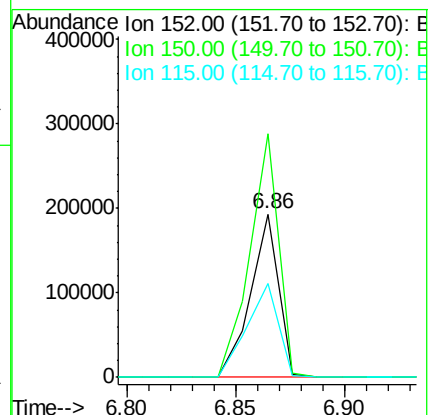
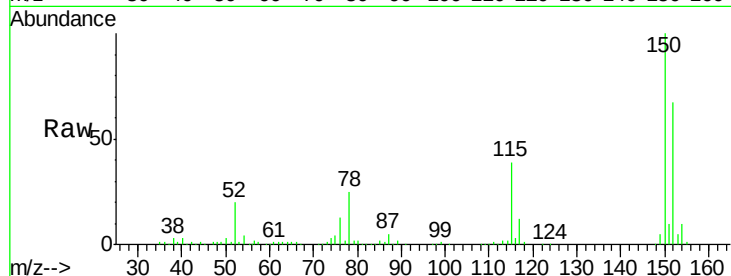
Tgt Ion:152 Resp: 172291

Ion Ratio Lower Upper

152 100

150 149.2 127.0 190.4

115 57.5 47.0 70.6



#5

2-Fluorophenol

Concen: 100.37 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

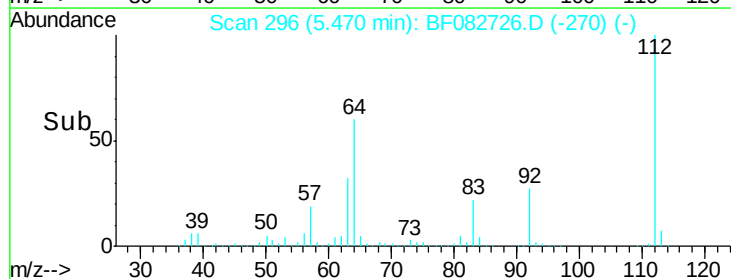
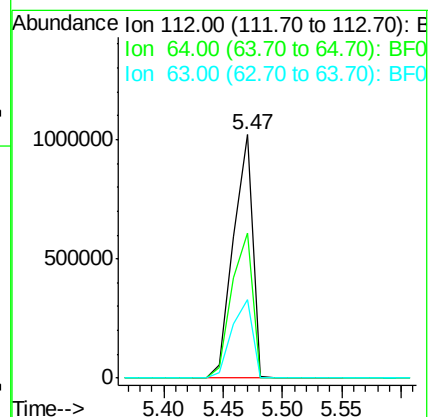
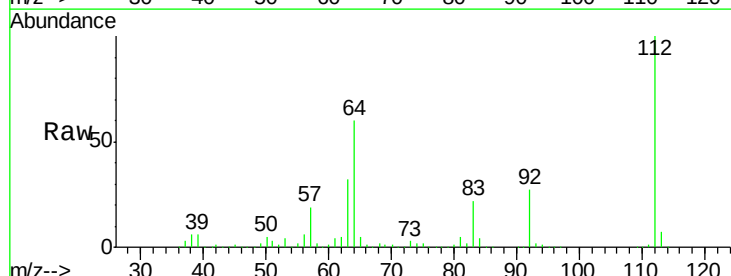
Tgt Ion:112 Resp: 1148160

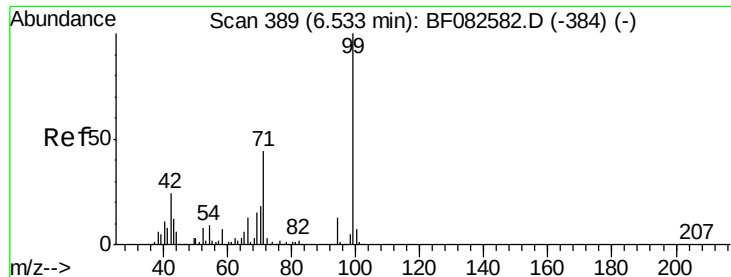
Ion Ratio Lower Upper

112 100

64 59.7 48.9 73.3

63 32.4 28.1 42.1





#7

Phenol-d6

Concen: 102.79 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SB-10(2-4)

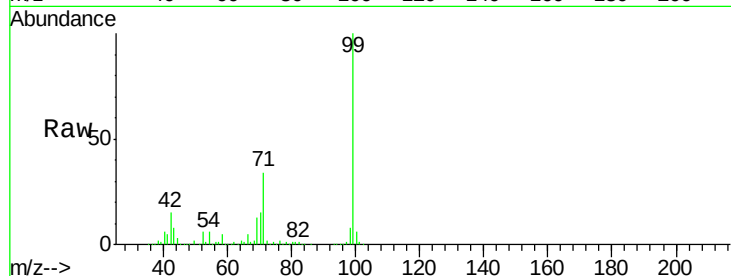
Tgt Ion: 99 Resp: 1562147

Ion Ratio Lower Upper

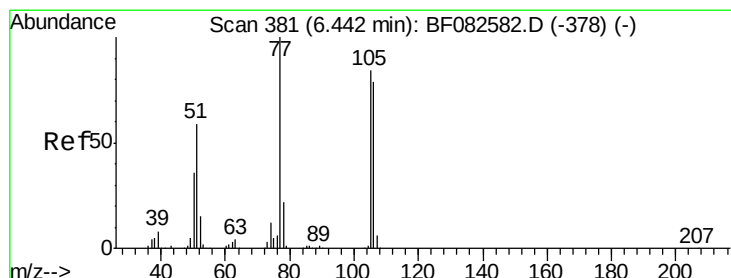
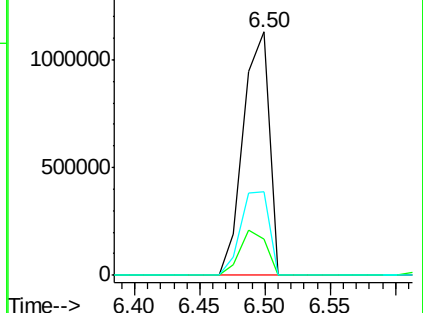
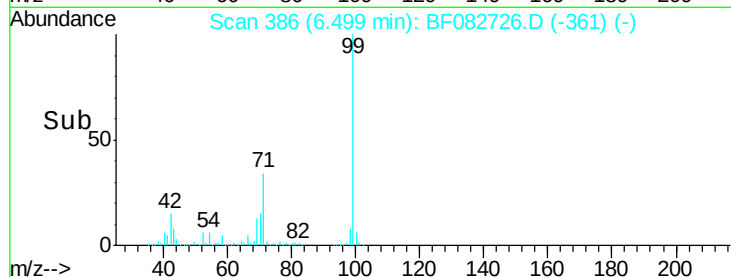
99 100

42 15.0 19.2 28.8#

71 34.5 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: 2.83 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

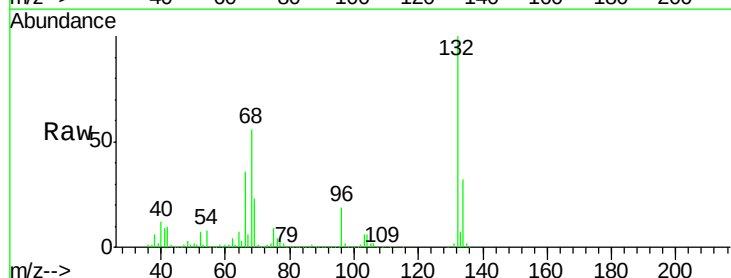
Tgt Ion: 77 Resp: 29322

Ion Ratio Lower Upper

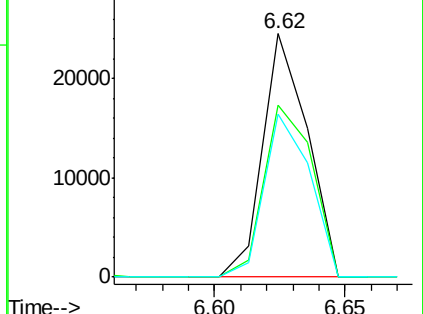
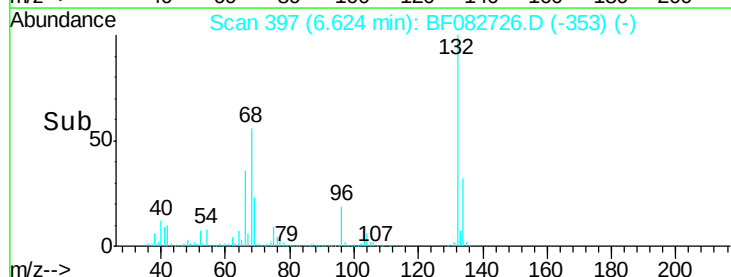
77 100

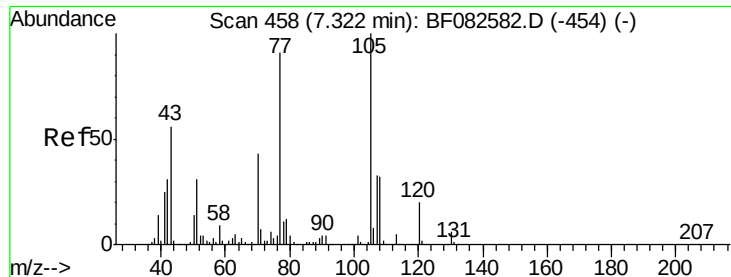
105 70.4 63.5 103.5

106 66.8 59.3 99.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.71 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.13 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SB-10(2-4)

Tgt Ion: 70 Resp: 146438

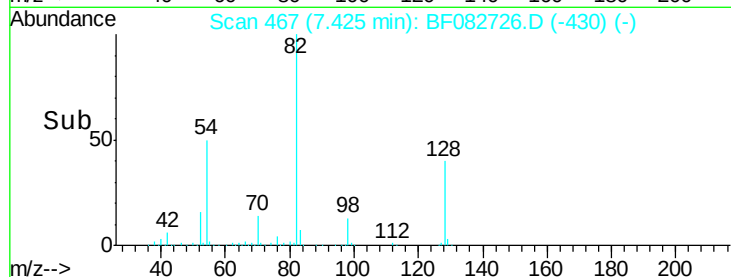
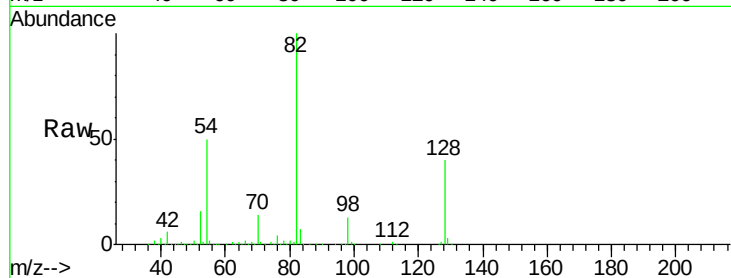
Ion Ratio Lower Upper

70 100

42 44.9 57.7 86.5#

101 0.0 7.0 10.6#

130 2.0 11.8 17.6#

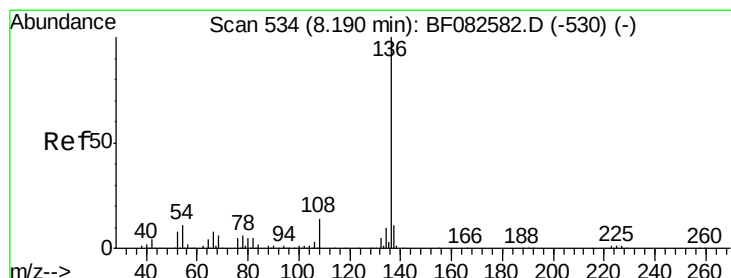
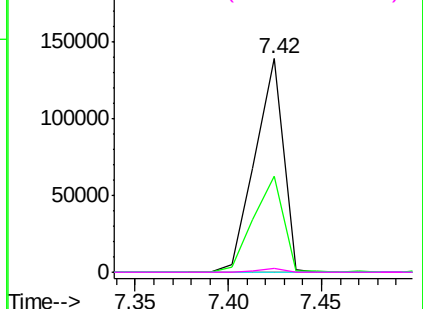


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Tgt Ion: 136 Resp: 613506

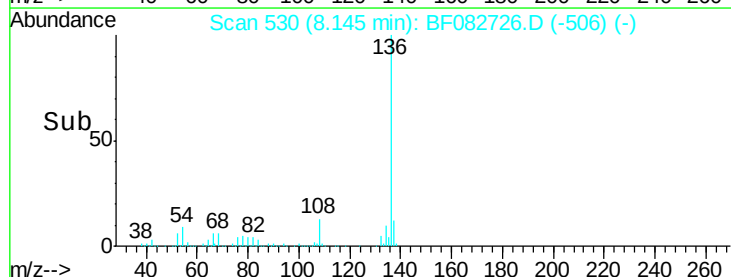
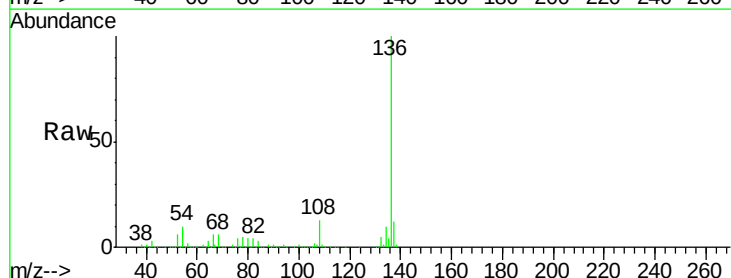
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 9.6 9.1 13.7

68 6.2 4.8 7.2

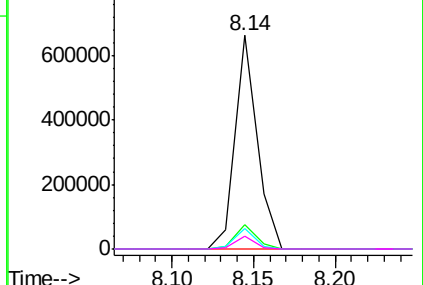


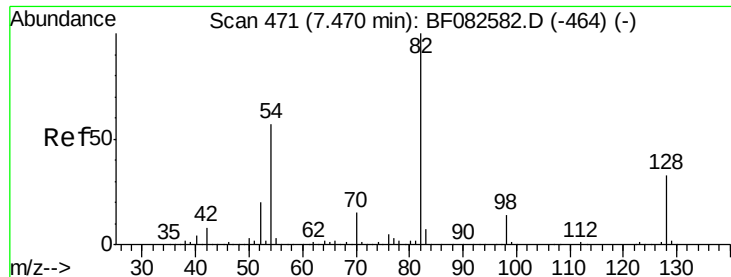
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

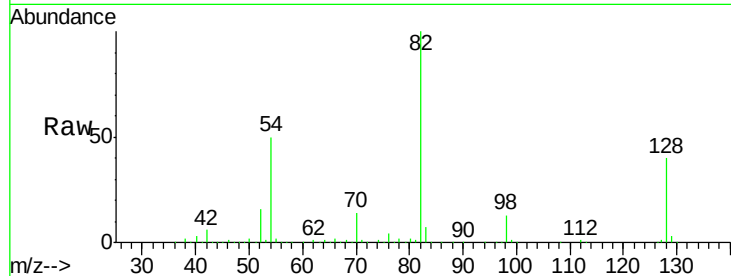




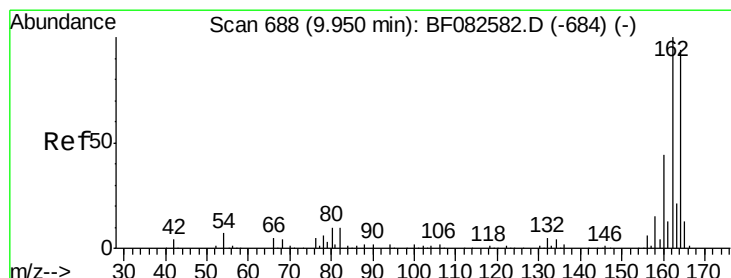
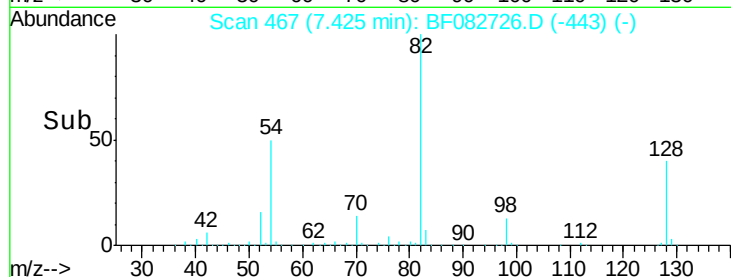
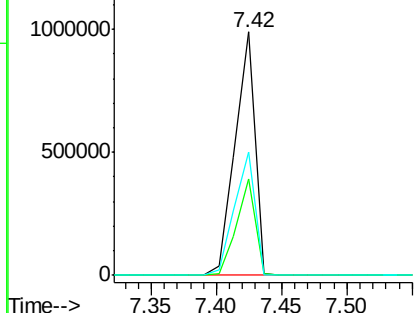
#23
 Nitrobenzene-d5
 Concen: 69.31 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

Instrument :
 BNA_F
 ClientSampled :
 SB-10(2-4)

Tgt Ion: 82 Resp: 1041312
 Ion Ratio Lower Upper
 82 100
 128 39.5 26.8 40.2
 54 50.5 45.7 68.5

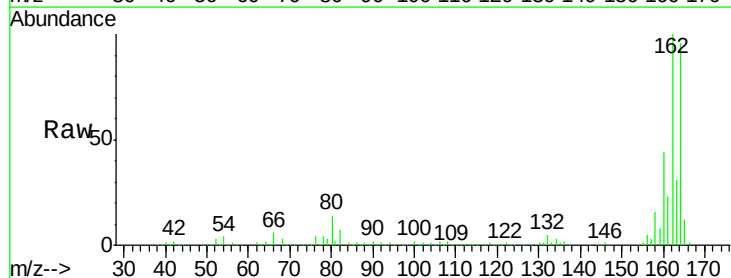


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

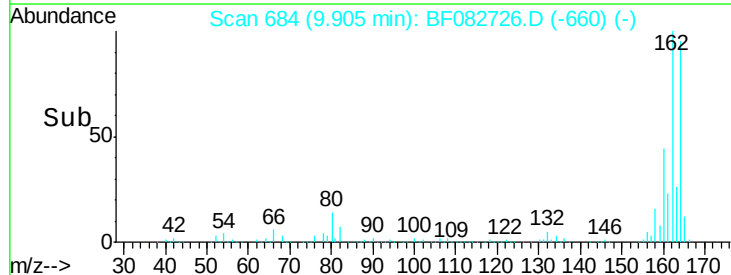
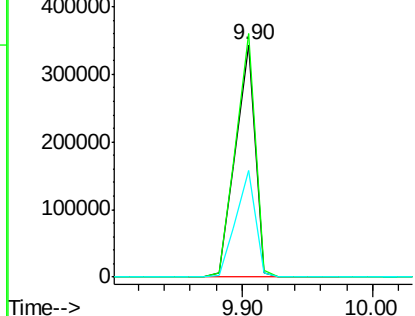


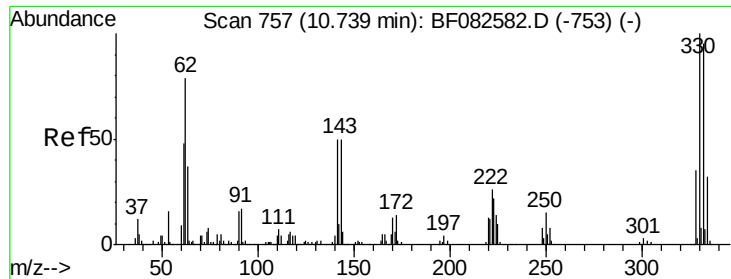
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

Tgt Ion: 164 Resp: 358555
 Ion Ratio Lower Upper
 164 100
 162 104.7 84.9 127.3
 160 46.0 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

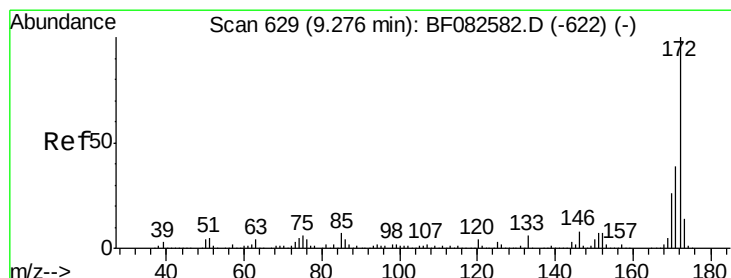
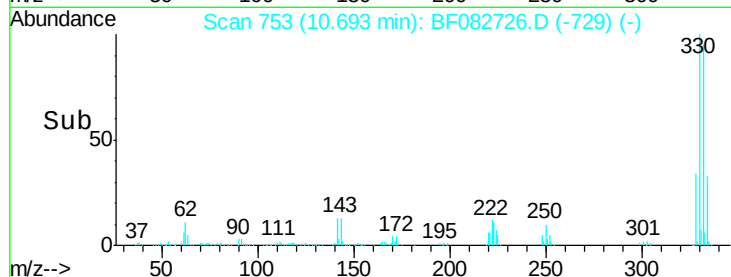
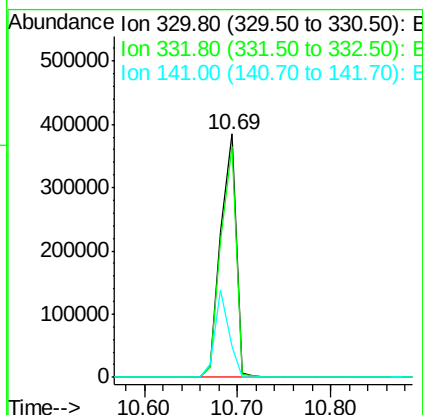
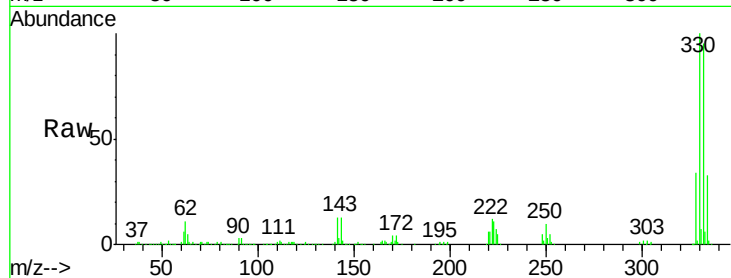




#41
 2,4,6-Tribromophenol
 Concen: 112.33 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

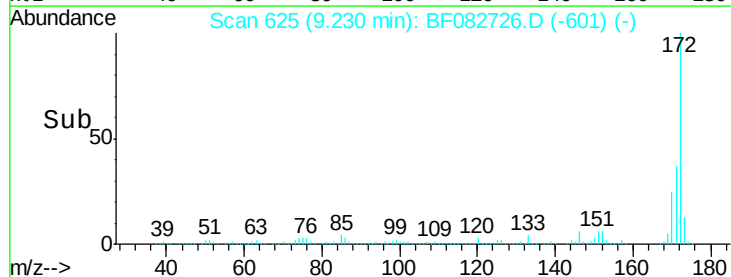
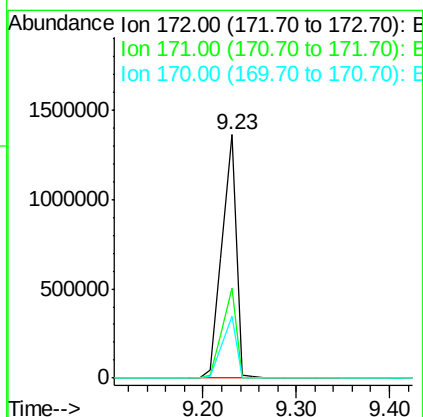
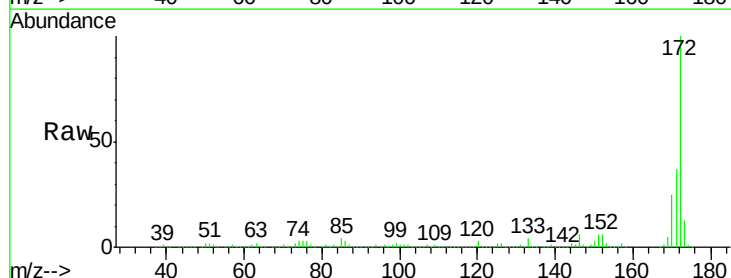
Instrument :
 BNA_F
 ClientSampleId :
 SB-10(2-4)

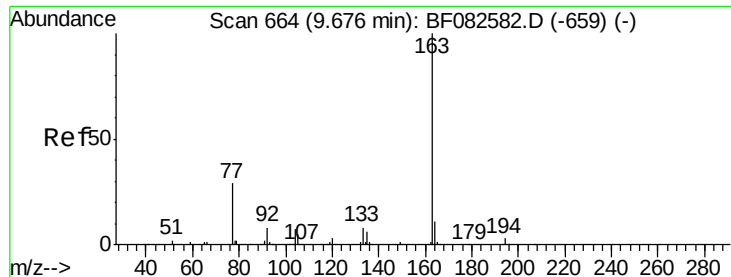
Tgt Ion:330 Resp: 440796
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 32.8 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 57.41 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

Tgt Ion:172 Resp: 1449778
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.2 21.2 31.8





#49

Dimethylphthalate

Concen: 11.72 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SB-10(2-4)

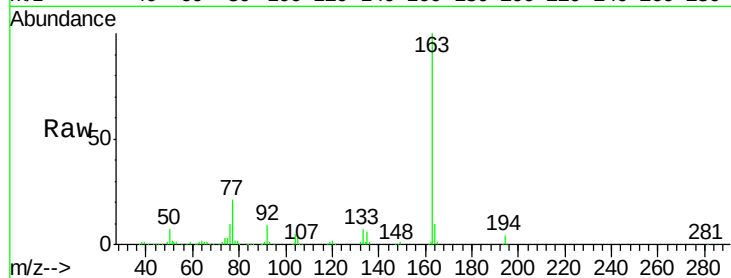
Tgt Ion:163 Resp: 343065

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

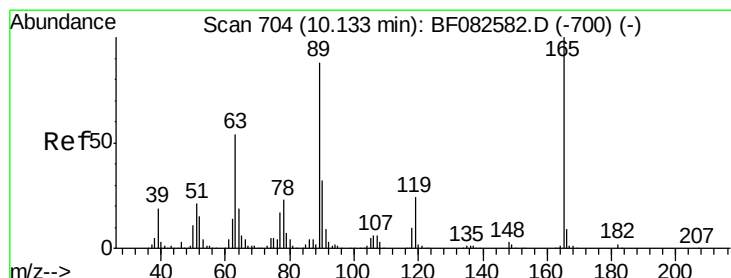
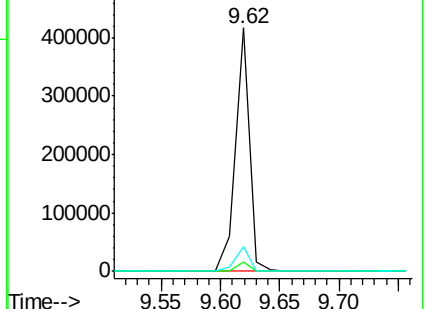
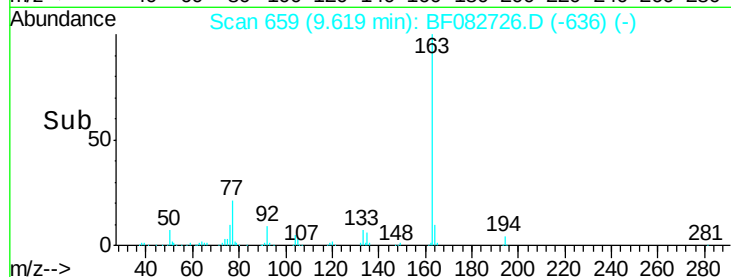
164 10.1 8.7 13.1



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: 5.47 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.21 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

Tgt Ion:165 Resp: 44904

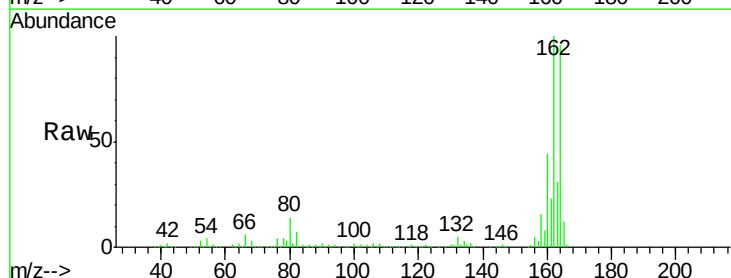
Ion Ratio Lower Upper

165 100

63 1.5 43.4 65.0#

89 2.1 70.6 106.0#

182 0.0 1.5 2.3#

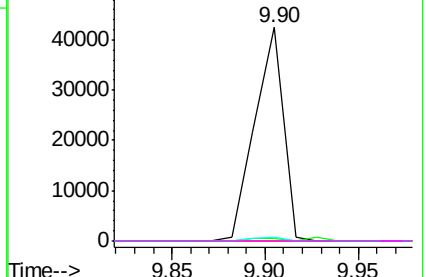
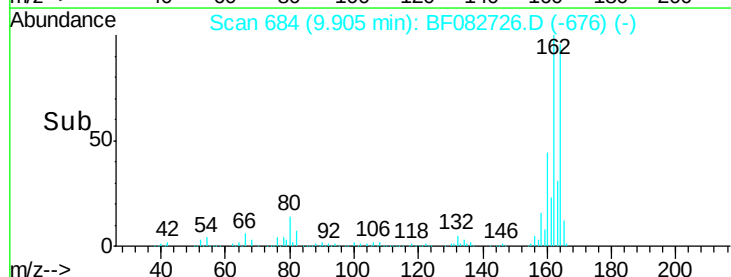


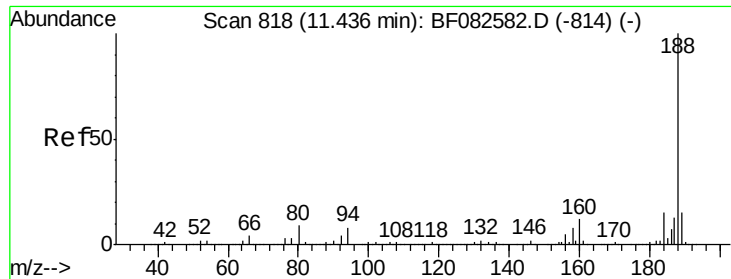
Abundance Ion 165.00 (164.70 to 165.70): E

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

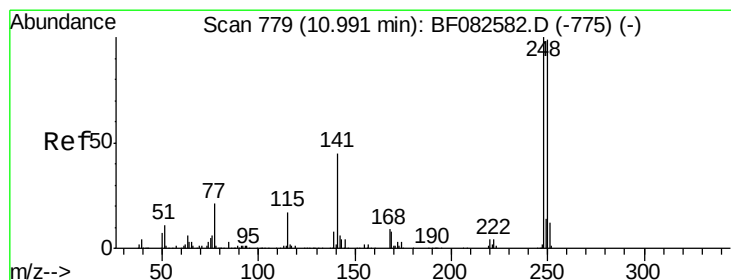
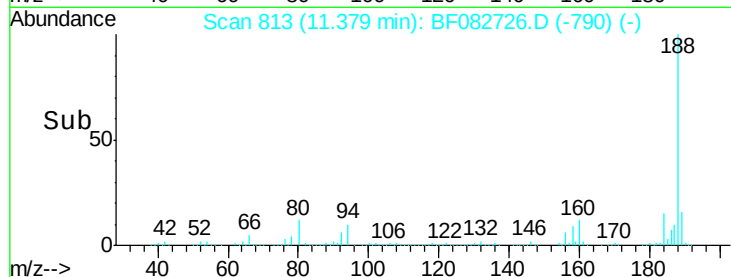
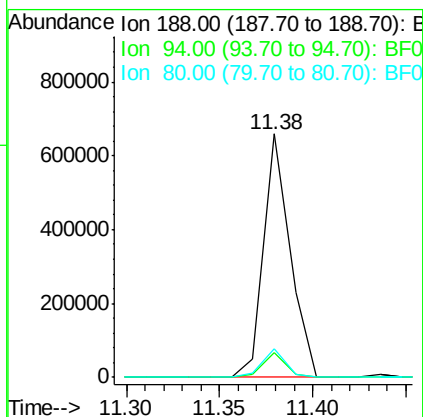
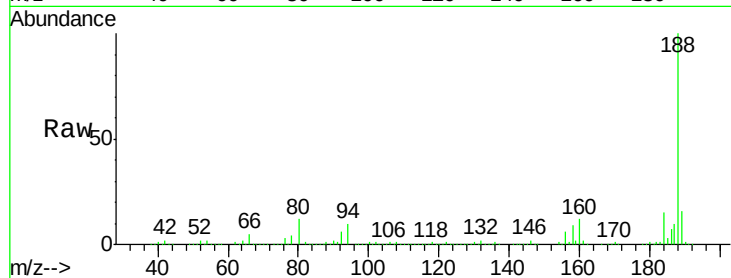




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.03 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

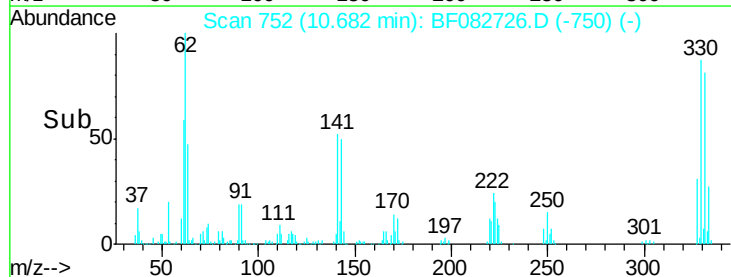
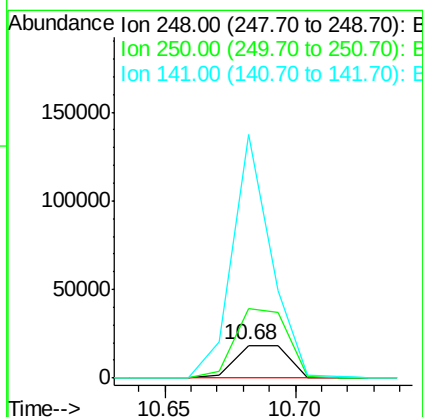
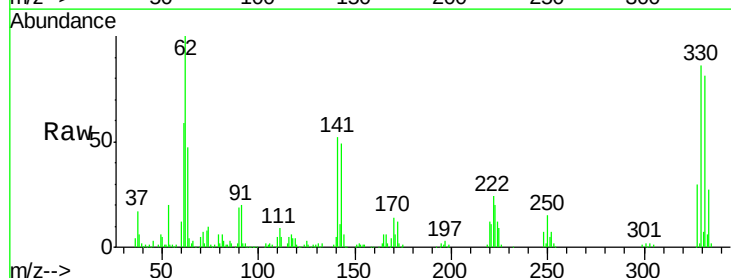
Instrument :
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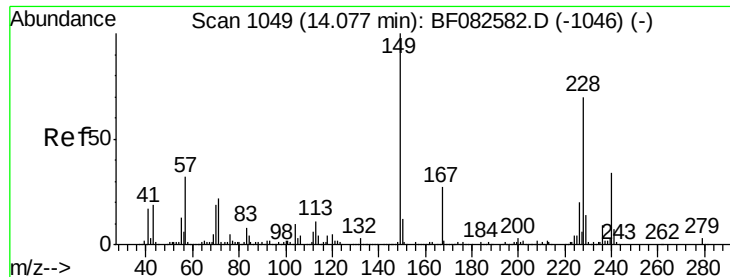
Tgt Ion:188 Resp: 646449
 Ion Ratio Lower Upper
 188 100
 94 10.3 6.1 9.1#
 80 11.9 7.0 10.6#



#66
 4-Bromophenyl-phenylether
 Concen: 3.59 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.27 min
 Lab File: BF082726.D
 Acq: 5 Nov 2015 13:40

Tgt Ion:248 Resp: 26332
 Ion Ratio Lower Upper
 248 100
 250 213.6 79.4 119.2#
 141 747.7 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: BF082726.D

Acq: 5 Nov 2015 13:40

Instrument :

BNA_F

ClientSampleId :

SB-10(2-4)

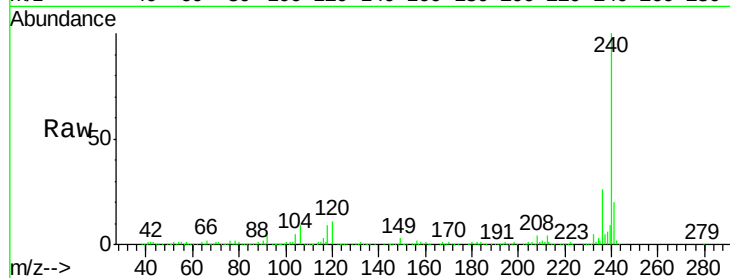
Tgt Ion:240 Resp: 673801

Ion Ratio Lower Upper

240 100

120 10.6 10.9 16.3#

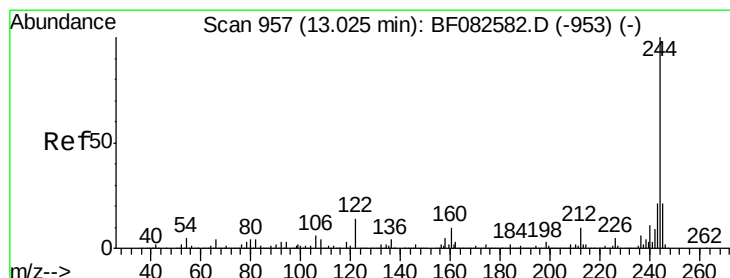
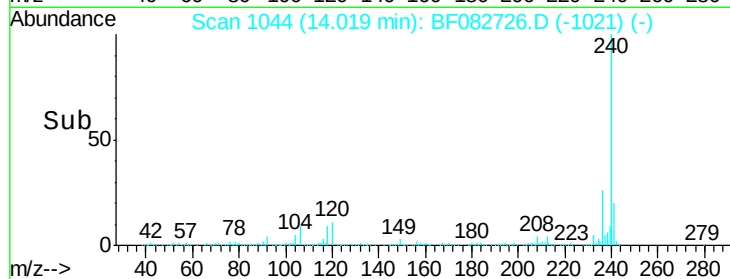
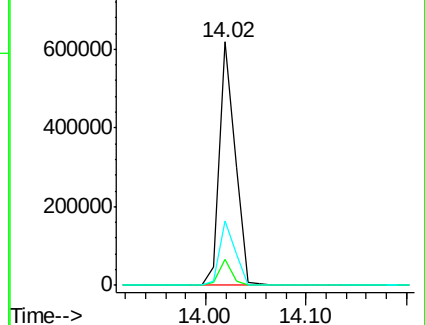
236 26.4 21.6 32.4



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: 46.36 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082726.D

Acq: 5 Nov 2015 13:40

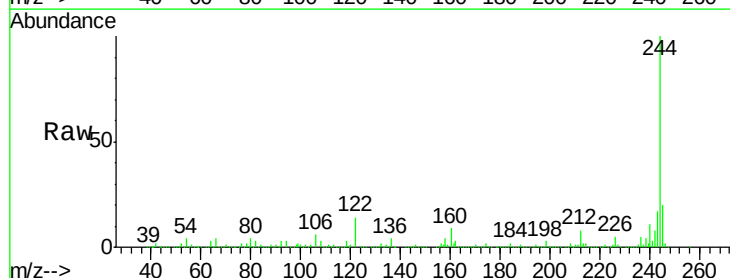
Tgt Ion:244 Resp: 1427345

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

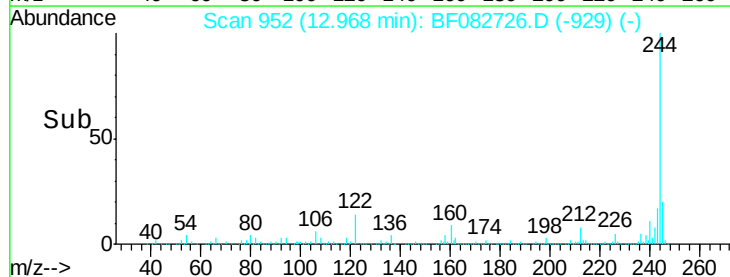
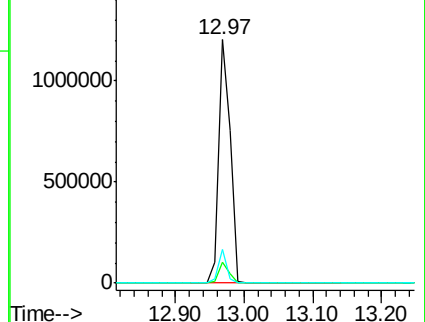
122 13.7 11.3 16.9

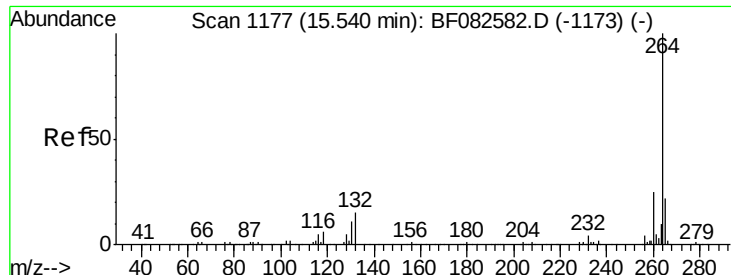


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082726.D
Acq: 5 Nov 2015 13:40

Instrument :
BNA_F
ClientSampleId :
SB-10(2-4)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	21.3	17.4	26.0

