

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110615\
 Data File : BF082722.D
 Acq On : 5 Nov 2015 11:43
 Operator : UM/IZ
 Sample : G4241-16
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(18-20)

Quant Time: Nov 06 01:10:38 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

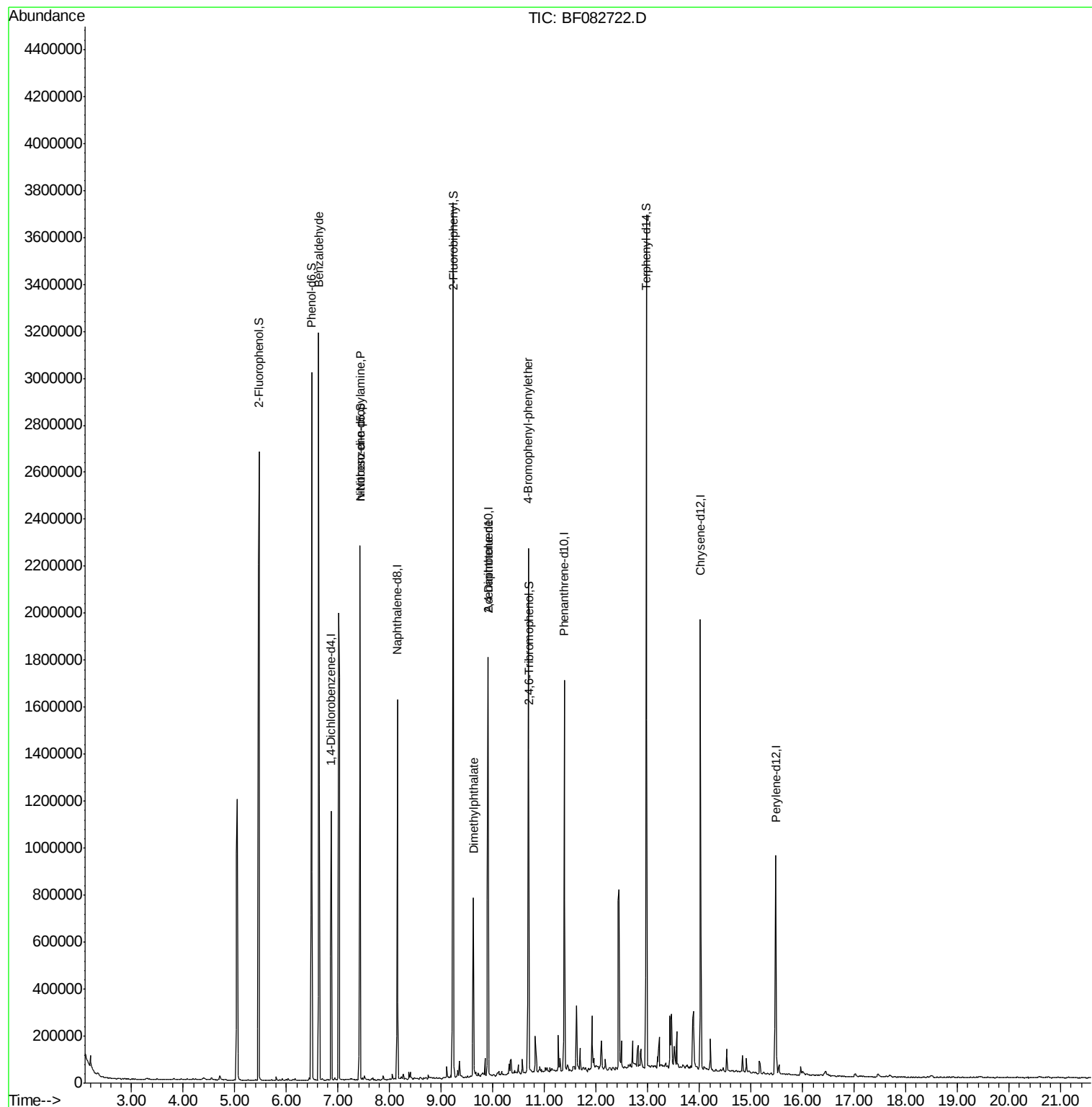
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	186491	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	676188	20.00	ng	-0.02
38) Acenaphthene-d10	9.90	164	387609	20.00	ng	-0.02
63) Phenanthrene-d10	11.38	188	678682	20.00	ng	-0.03
75) Chrysene-d12	14.02	240	653158	20.00	ng	-0.03
86) Perylene-d12	15.48	264	569484	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	960716	77.59	ng	0.00
7) Phenol-d6	6.49	99	1096346	66.65	ng	-0.02
23) Nitrobenzene-d5	7.42	82	887800	53.61	ng	-0.02
41) 2,4,6-Tribromophenol	10.69	330	343911	81.07	ng	-0.02
44) 2-Fluorobiphenyl	9.23	172	1429476	52.36	ng	-0.02
78) Terphenyl-d14	12.97	244	1242545	41.63	ng	-0.03
Target Compounds						
9) Benzaldehyde	6.62	77	22666	2.02	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.42	70	122943	9.86	ng	# 65
49) Dimethylphthalate	9.62	163	287598	9.09	ng	99
56) 2,4-Dinitrotoluene	9.90	165	50701	5.71	ng	# 15
66) 4-Bromophenyl-phenylether	10.68	248	21124	2.75	ng	# 1

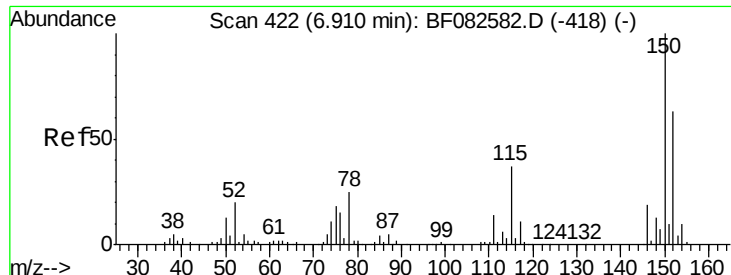
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 06 01:10:38 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

Instrument :

BNA_F

ClientSampleId :

SB-09(18-20)

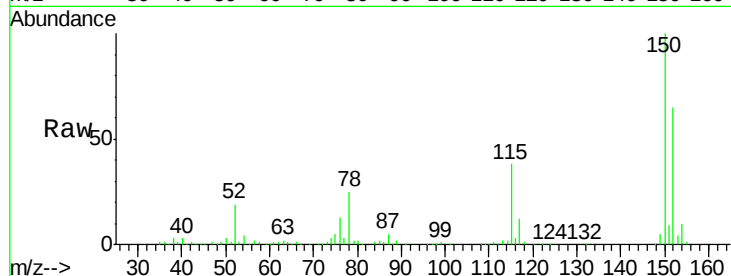
Tgt Ion:152 Resp: 186491

Ion Ratio Lower Upper

152 100

150 153.8 127.0 190.4

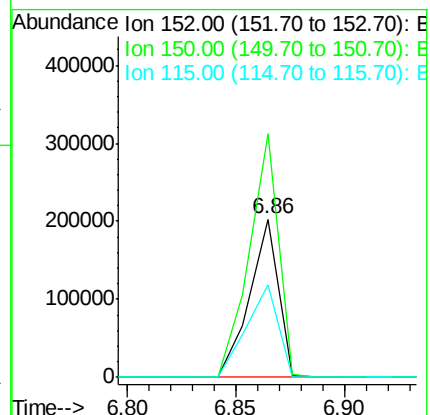
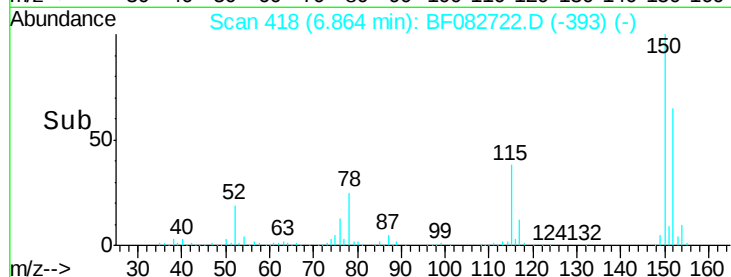
115 58.6 47.0 70.6



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: 77.59 ng

RT: 5.47 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

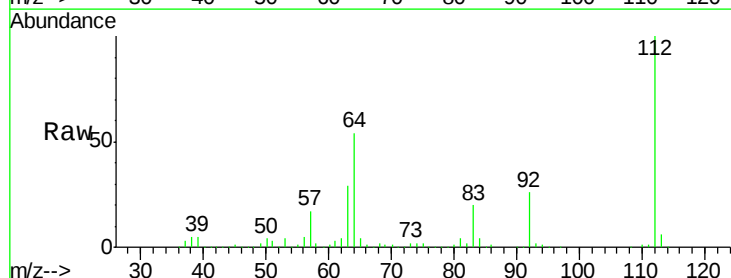
Tgt Ion:112 Resp: 960716

Ion Ratio Lower Upper

112 100

64 54.2 48.9 73.3

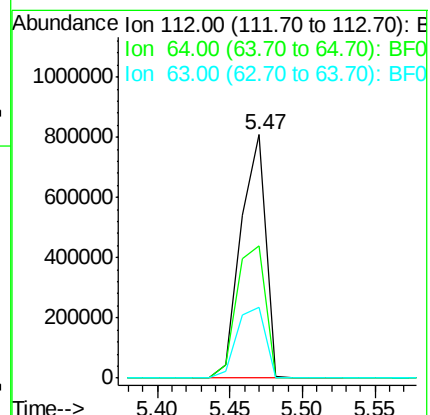
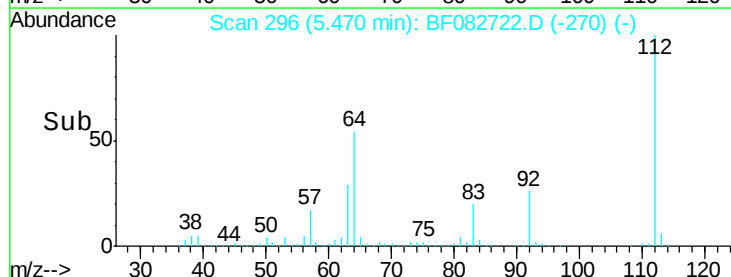
63 29.1 28.1 42.1



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: 66.65 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

Instrument :

BNA_F

ClientSampleId :

SB-09(18-20)

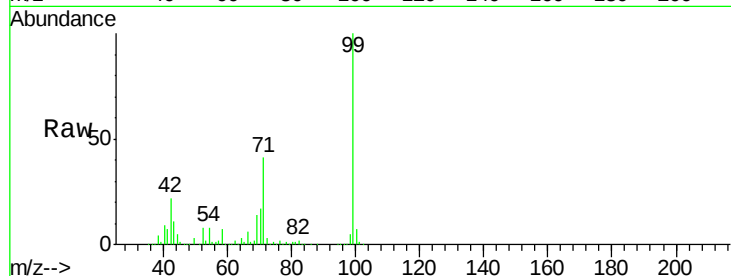
Tgt Ion: 99 Resp: 1096346

Ion Ratio Lower Upper

99 100

42 21.5 19.2 28.8

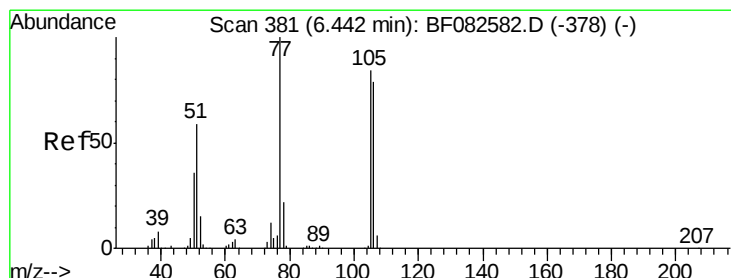
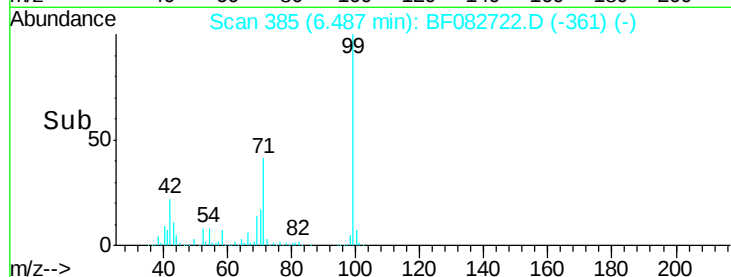
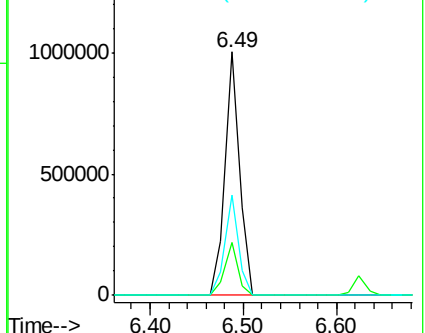
71 41.0 35.0 52.4



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: 2.02 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.21 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

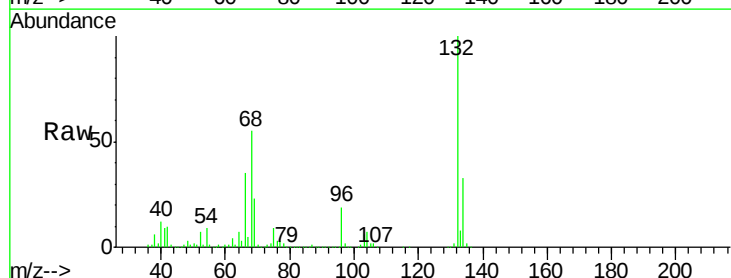
Tgt Ion: 77 Resp: 22666

Ion Ratio Lower Upper

77 100

105 70.1 63.5 103.5

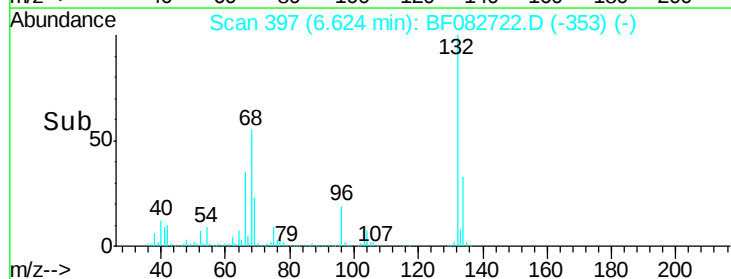
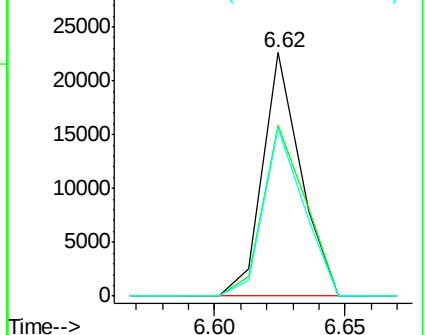
106 69.3 59.3 99.3

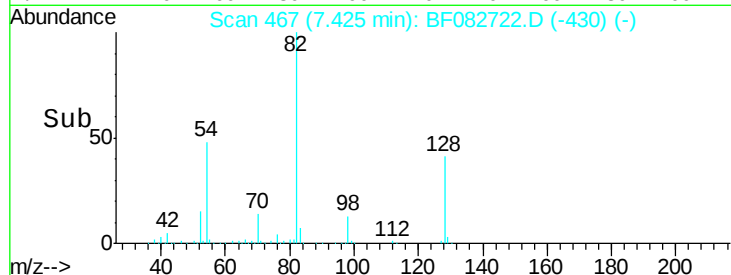
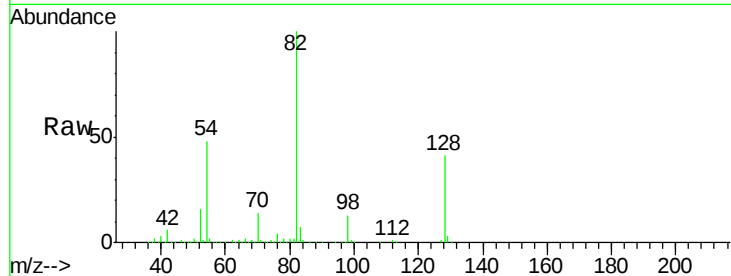
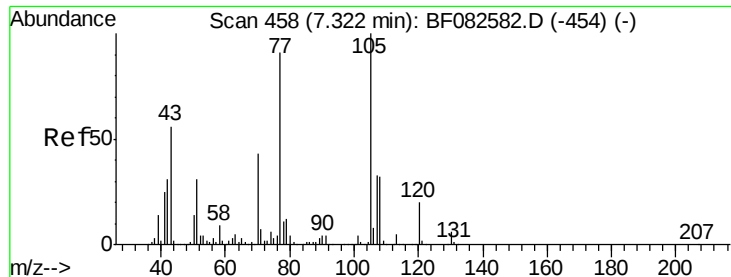


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

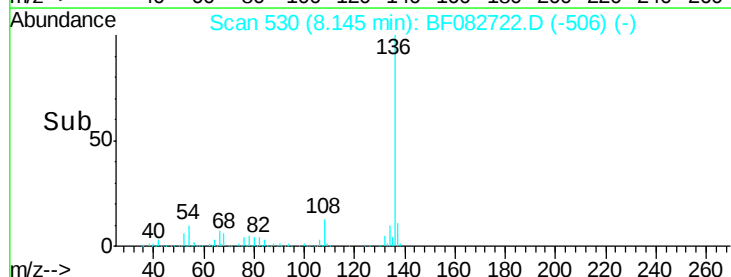
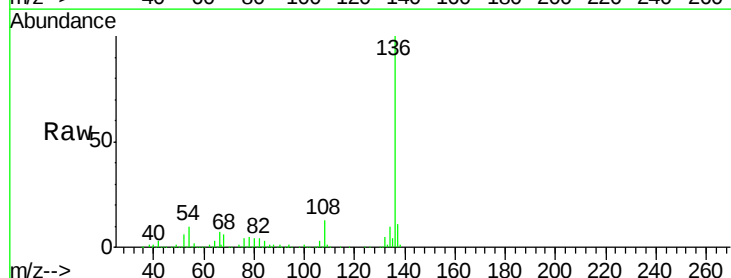
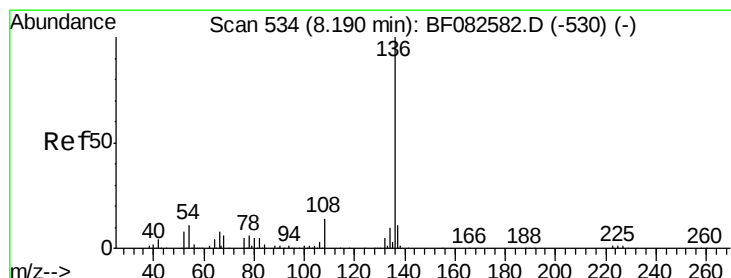
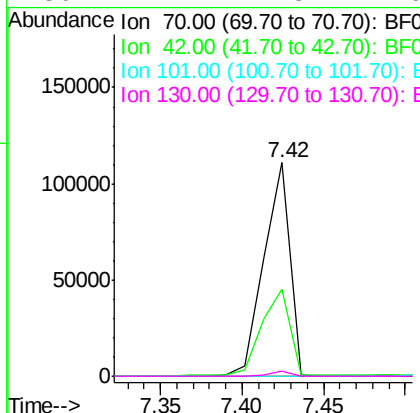




#19
n-Nitroso-di-n-propylamine
Concen: 9.86 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.13 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

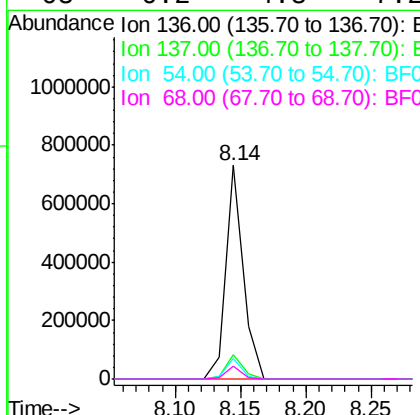
Instrument :
BNA_F
ClientSampleId :
SB-09(18-20)

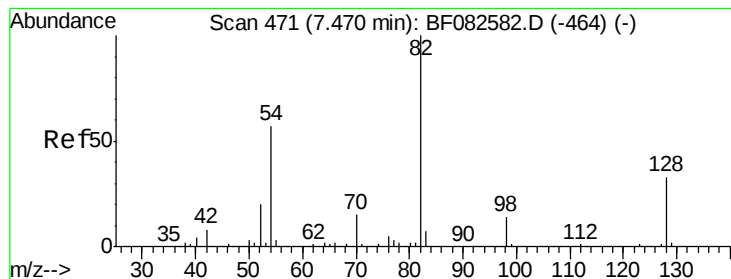
Tgt Ion: 70 Resp: 122943
Ion Ratio Lower Upper
70 100
42 40.8 57.7 86.5#
101 0.0 7.0 10.6#
130 2.2 11.8 17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

Tgt Ion: 136 Resp: 676188
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 9.7 9.1 13.7
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 53.61 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.02 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

Instrument :

BNA_F

ClientSampleId :

SB-09(18-20)

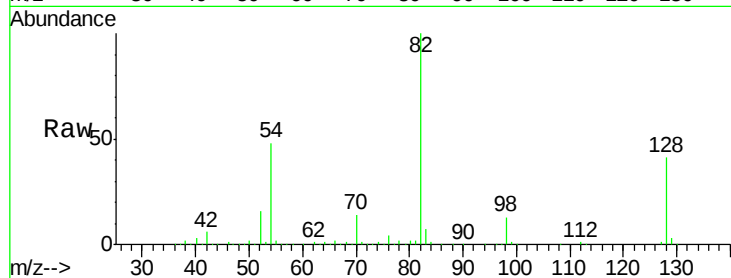
Tgt Ion: 82 Resp: 887800

Ion Ratio Lower Upper

82 100

128 40.7 26.8 40.2#

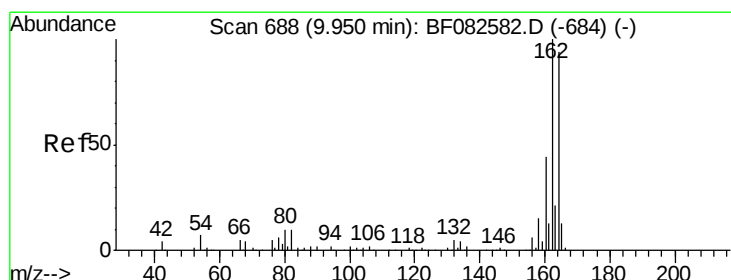
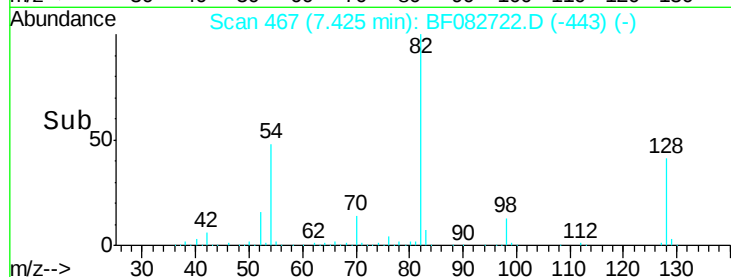
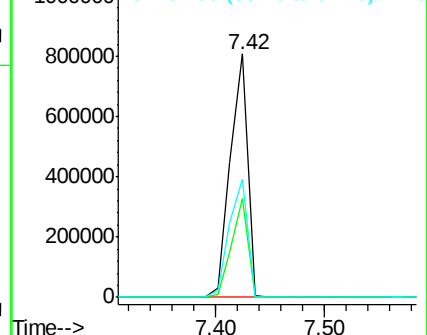
54 48.4 45.7 68.5



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: BF082722.D

Acq: 5 Nov 2015 11:43

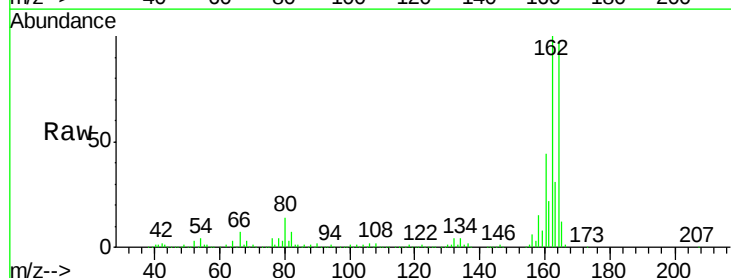
Tgt Ion: 164 Resp: 387609

Ion Ratio Lower Upper

164 100

162 102.7 84.9 127.3

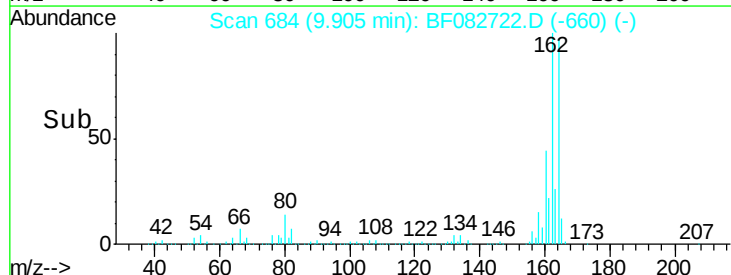
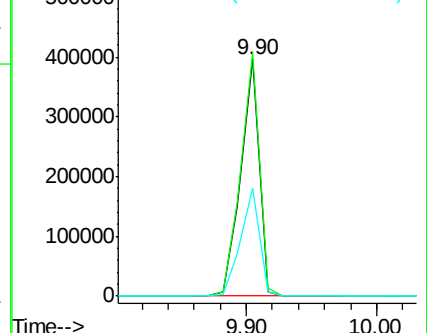
160 45.5 37.5 56.3

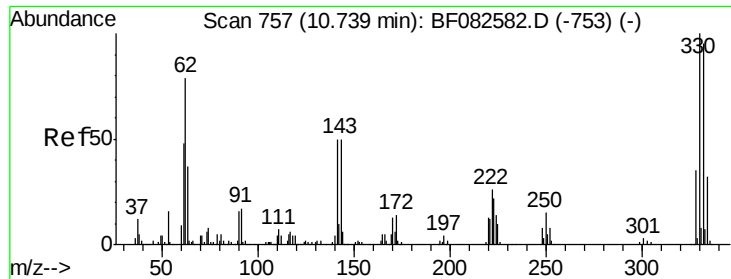


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

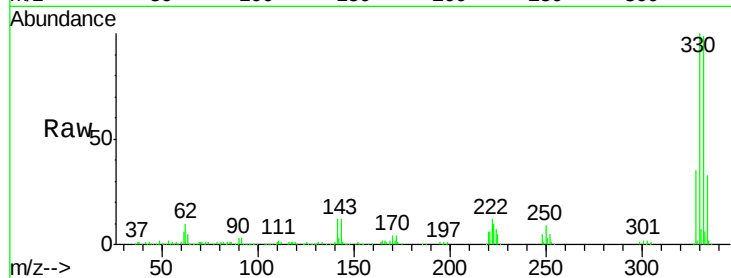




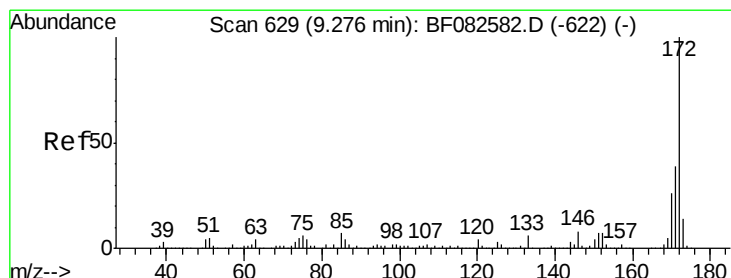
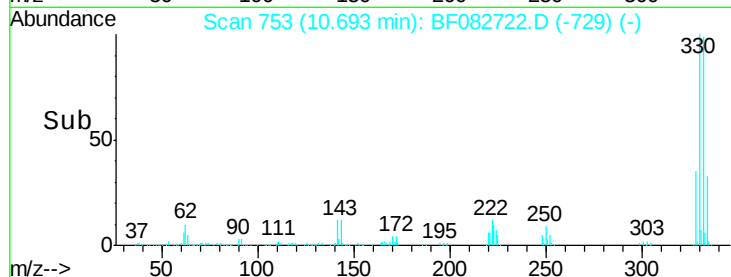
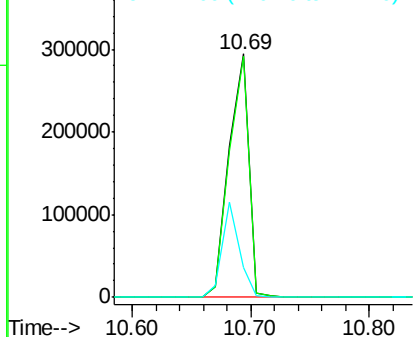
#41
 2,4,6-Tribromophenol
 Concen: 81.07 ng
 RT: 10.69 min Scan# 753
 Delta R.T. -0.02 min
 Lab File: BF082722.D
 Acq: 5 Nov 2015 11:43

Instrument :
 BNA_F
 ClientSampleId :
 SB-09(18-20)

Tgt Ion:330 Resp: 343911
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 34.4 41.2 61.8#

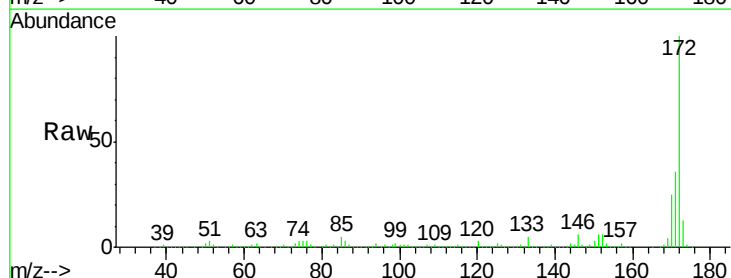


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

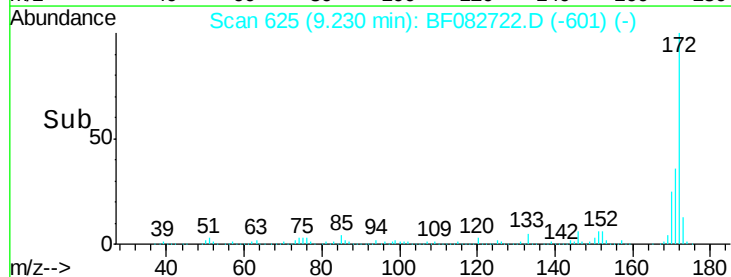
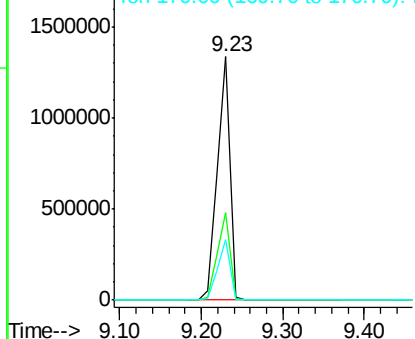


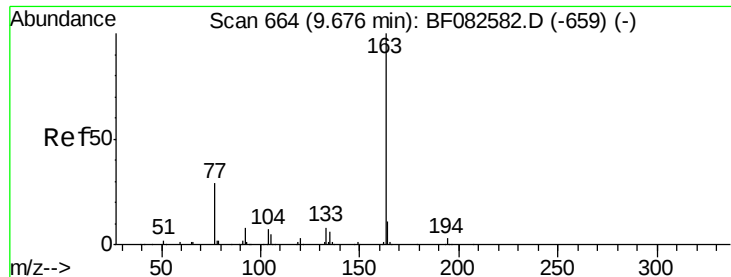
#44
 2-Fluorobiphenyl
 Concen: 52.36 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.02 min
 Lab File: BF082722.D
 Acq: 5 Nov 2015 11:43

Tgt Ion:172 Resp: 1429476
 Ion Ratio Lower Upper
 172 100
 171 35.9 30.8 46.2
 170 24.8 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

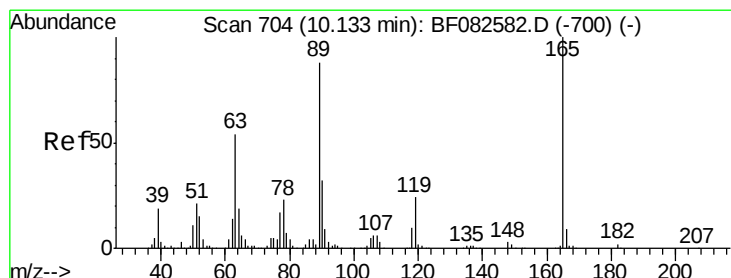
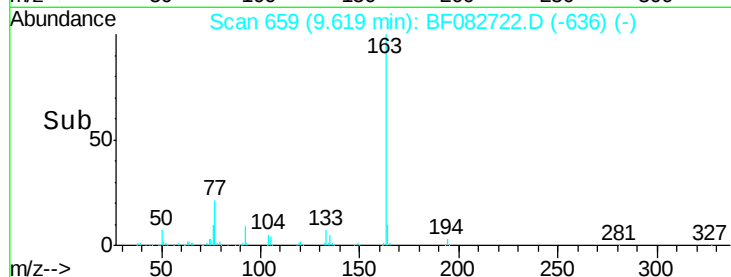
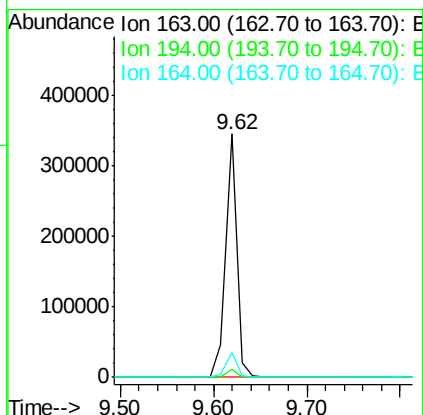
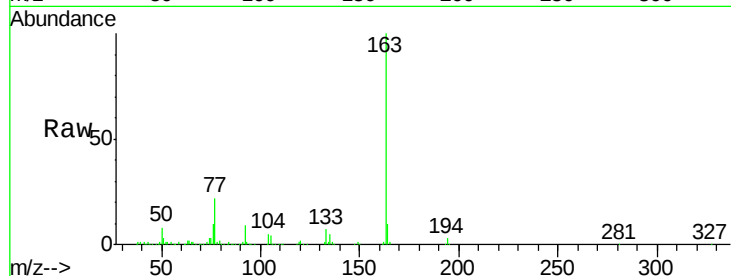




#49
Dimethylphthalate
Concen: 9.09 ng
RT: 9.62 min Scan# 659
Delta R.T. -0.03 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

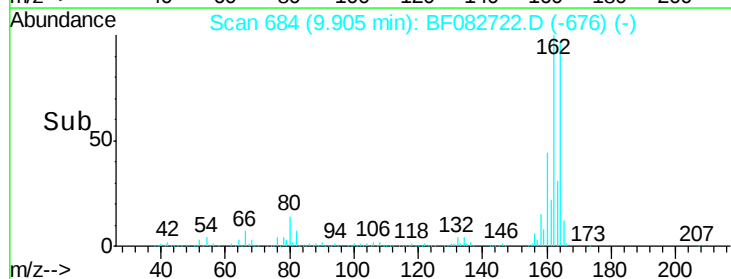
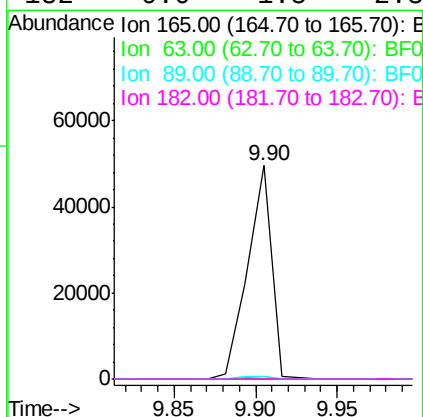
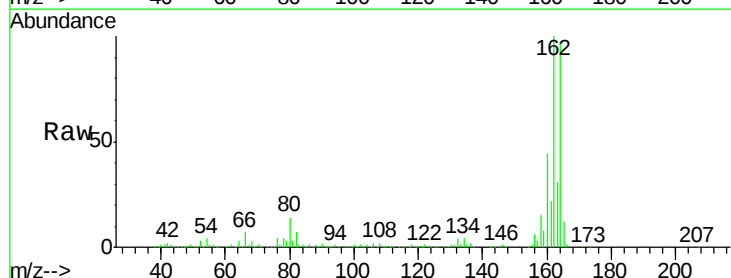
Instrument :
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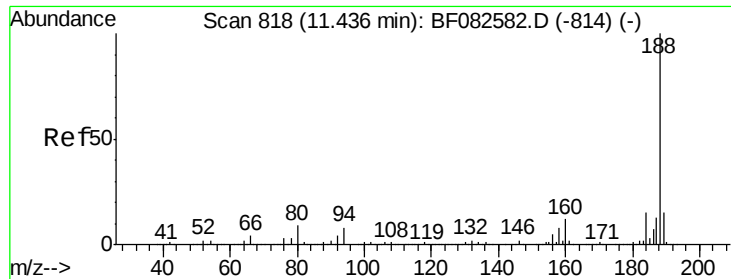
Tgt Ion:163 Resp: 287598
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.3 8.7 13.1



#56
2,4-Dinitrotoluene
Concen: 5.71 ng
RT: 9.90 min Scan# 684
Delta R.T. -0.21 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

Tgt Ion:165 Resp: 50701
Ion Ratio Lower Upper
165 100
63 1.1 43.4 65.0#
89 1.5 70.6 106.0#
182 0.0 1.5 2.3#

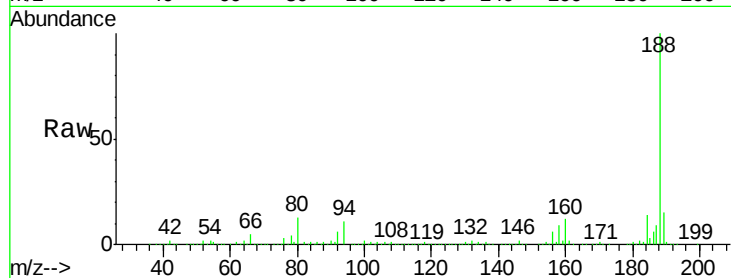




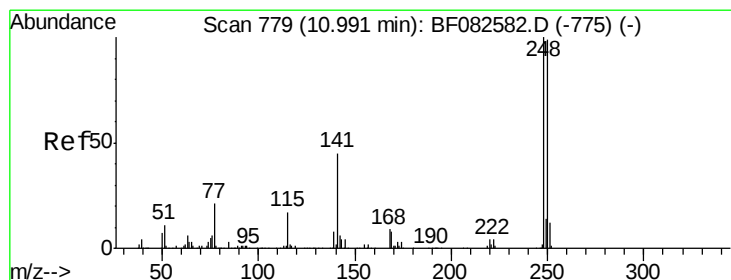
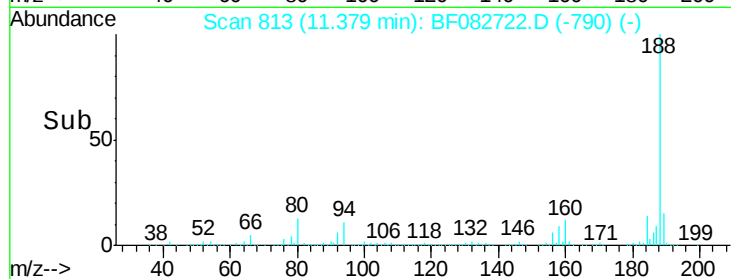
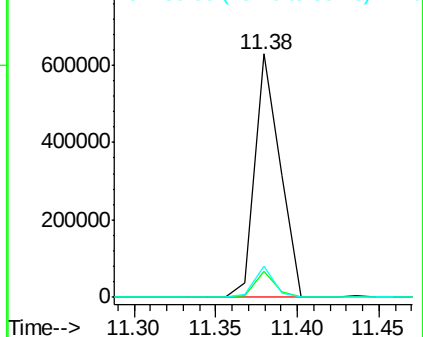
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

Instrument :
BNA_F
ClientSampleId :
SB-09(18-20)

Tgt Ion:188 Resp: 678682
Ion Ratio Lower Upper
188 100
94 10.5 6.1 9.1#
80 12.5 7.0 10.6#

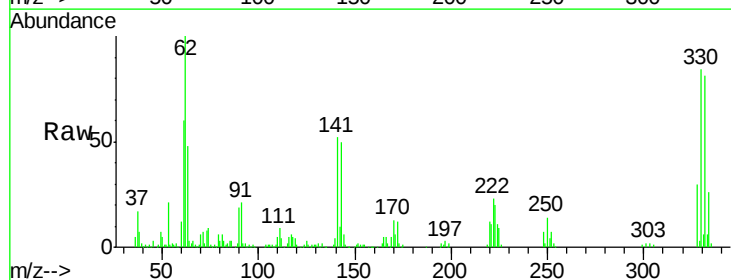


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

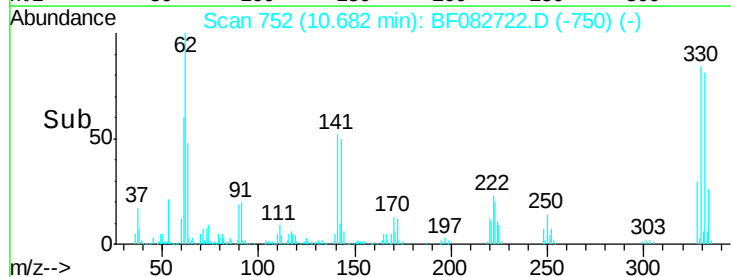
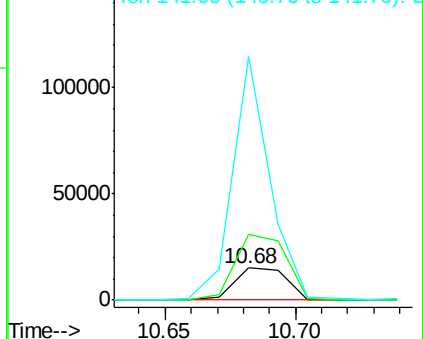


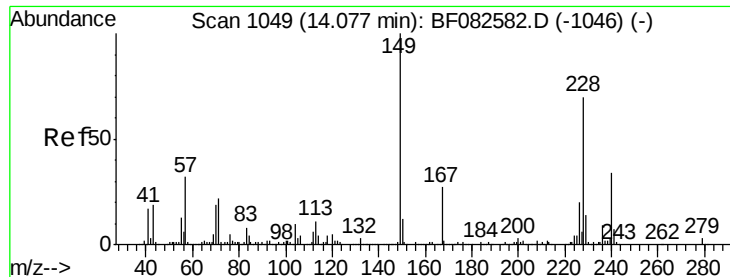
#66
4-Bromophenyl-phenylether
Concen: 2.75 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

Tgt Ion:248 Resp: 21124
Ion Ratio Lower Upper
248 100
250 207.2 79.4 119.2#
141 764.9 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: BF082722.D

Acq: 5 Nov 2015 11:43

Instrument :

BNA_F

ClientSampleId :

SB-09(18-20)

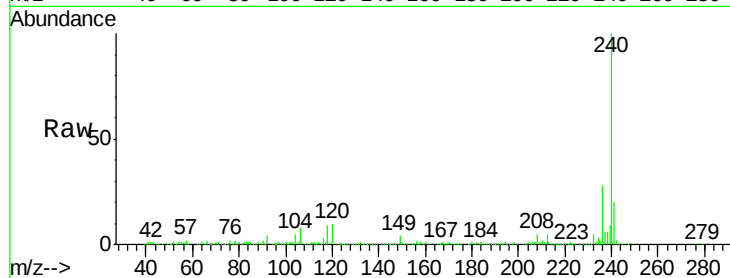
Tgt Ion:240 Resp: 653158

Ion Ratio Lower Upper

240 100

120 10.3 10.9 16.3#

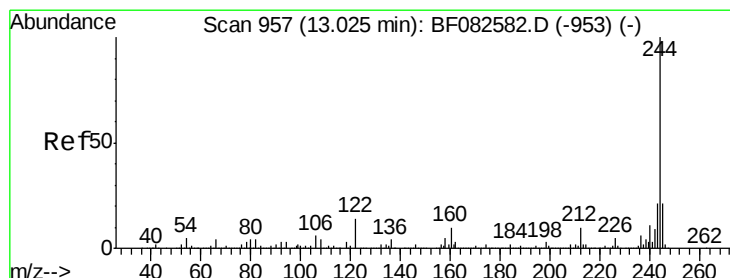
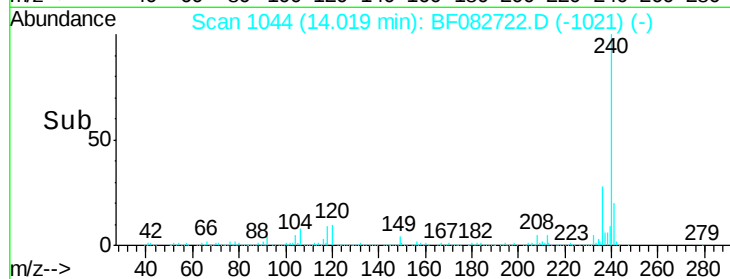
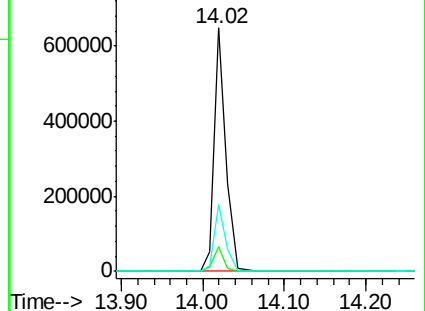
236 27.8 21.6 32.4



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: 41.63 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF082722.D

Acq: 5 Nov 2015 11:43

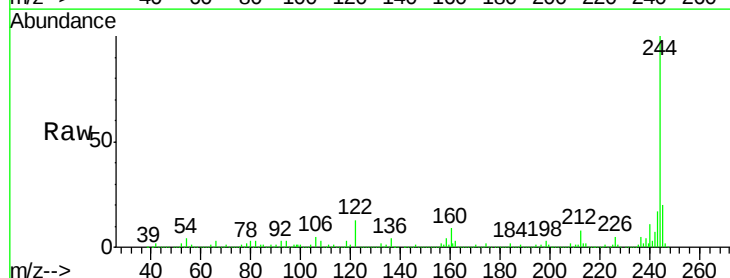
Tgt Ion:244 Resp: 1242545

Ion Ratio Lower Upper

244 100

212 8.5 7.6 11.4

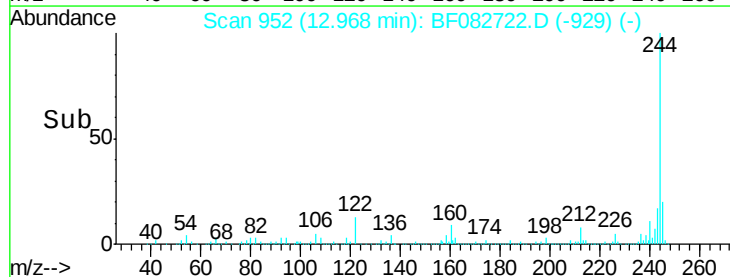
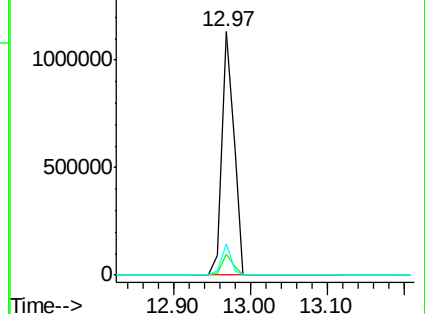
122 12.7 11.3 16.9

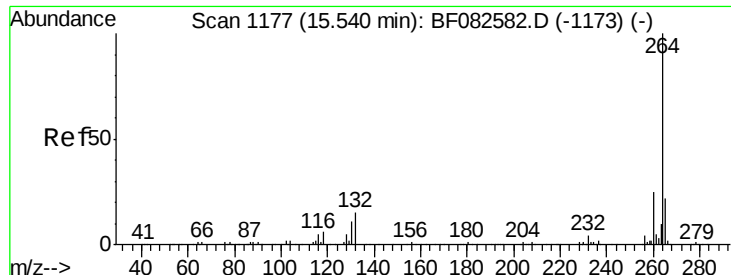


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

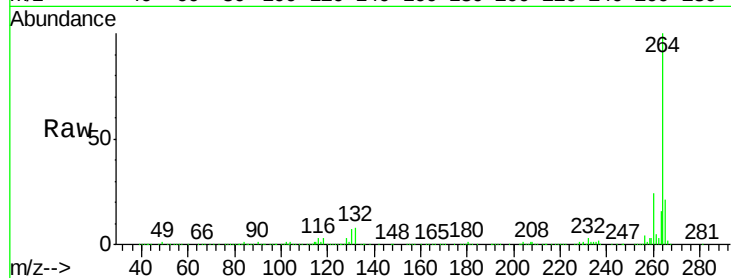




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF082722.D
Acq: 5 Nov 2015 11:43

Instrument :
BNA_F
ClientSampleId :
SB-09(18-20)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.8	29.6
265	20.8	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

