

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101215\
 Data File : BF082226.D
 Acq On : 12 Oct 2015 18:11
 Operator : UM/IZ
 Sample : G3990-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PO-005

Quant Time: Oct 13 02:09:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 02:05:16 2015
 Response via : Initial Calibration

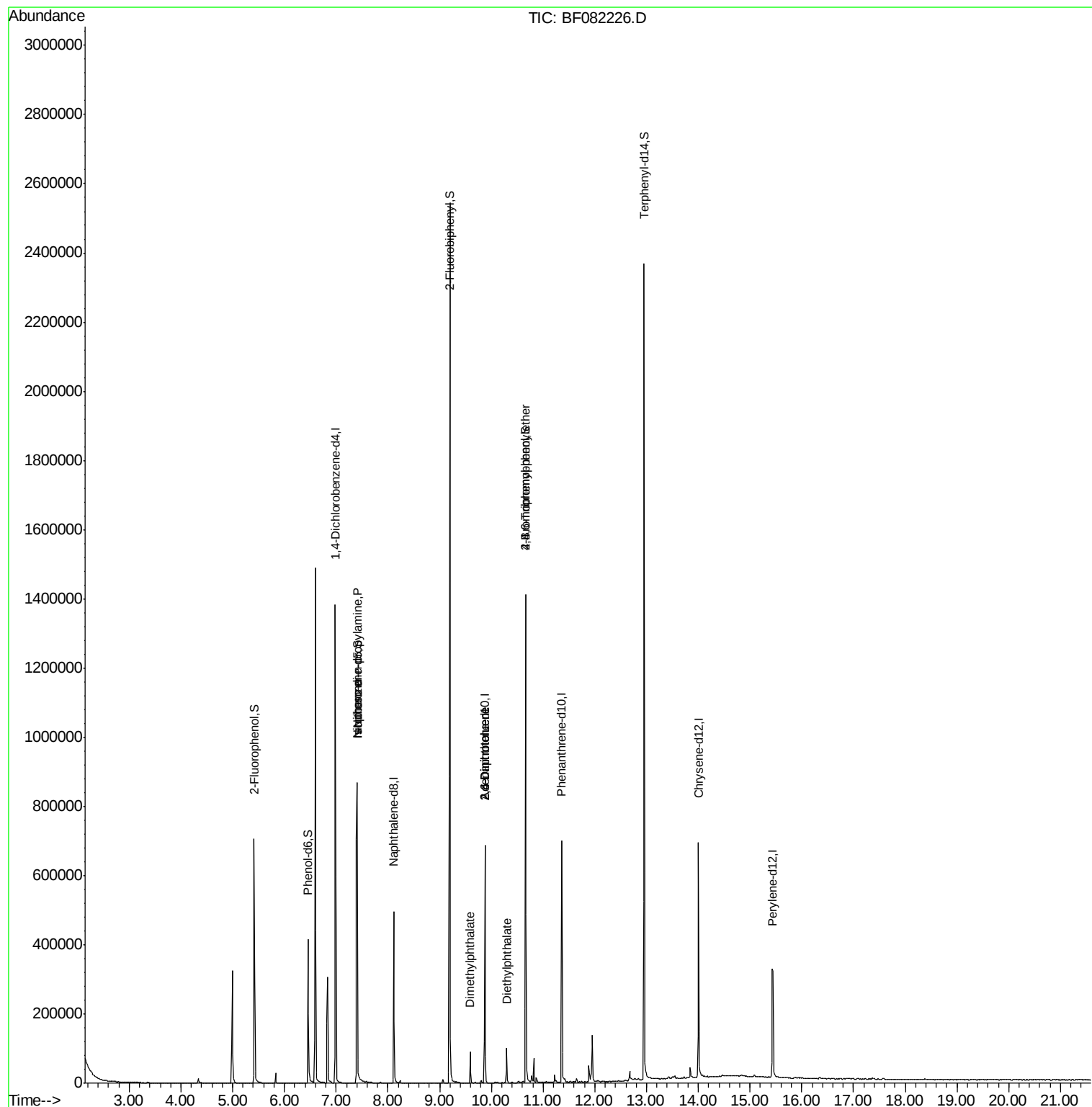
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	252681	20.00	ng	0.15
21) Naphthalene-d8	8.11	136	261310	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	136721	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	276948	20.00	ng	0.00
75) Chrysene-d12	14.00	240	274030	20.00	ng	-0.01
86) Perylene-d12	15.44	264	202567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	225055	17.98	ng	0.00
7) Phenol-d6	6.46	99	179148	11.00	ng	-0.01
23) Nitrobenzene-d5	7.41	82	434824	111.75	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	193447	150.87	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	876315	106.29	ng	0.00
78) Terphenyl-d14	12.95	244	846109	81.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	55057	4.81	ng	# 75
25) Isophorone	7.41	82	413742	52.68	ng	# 66
49) Dimethylphthalate	9.59	163	42450	4.41	ng	99
50) 2,6-Dinitrotoluene	9.87	165	17407	8.57	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	17407	6.86	ng	# 22
59) Diethylphthalate	10.30	149	39715	4.43	ng	97
66) 4-Bromophenyl-phenylether	10.66	248	13077	4.72	ng	# 1

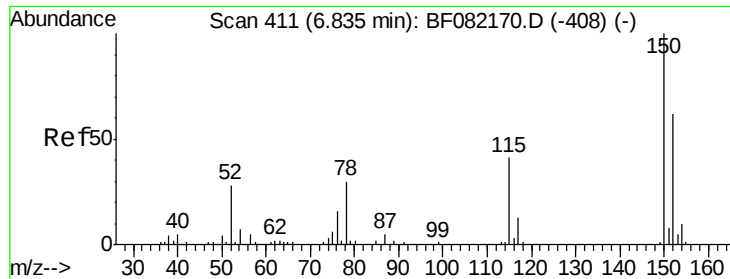
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 424

Delta R.T. 0.15 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PO-005

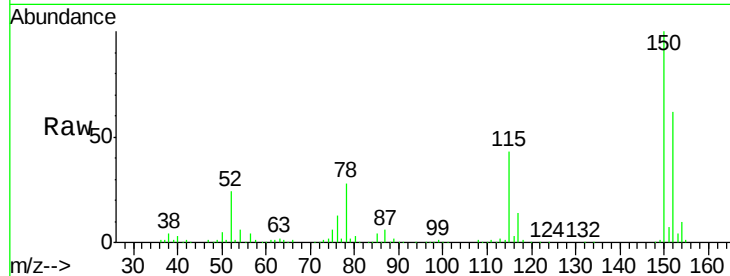
Tot Ion:152 Resp: 252681

Ion Ratio Lower Upper

152 100

150 161.2 129.0 193.4

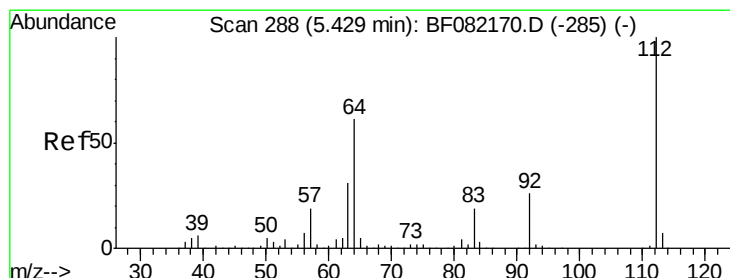
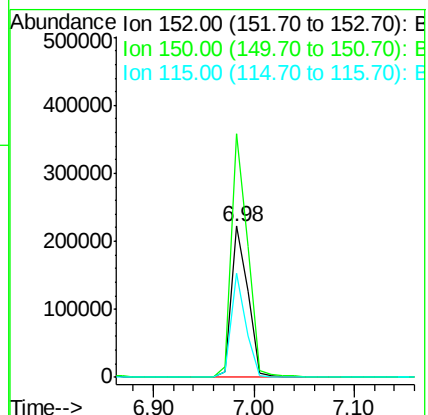
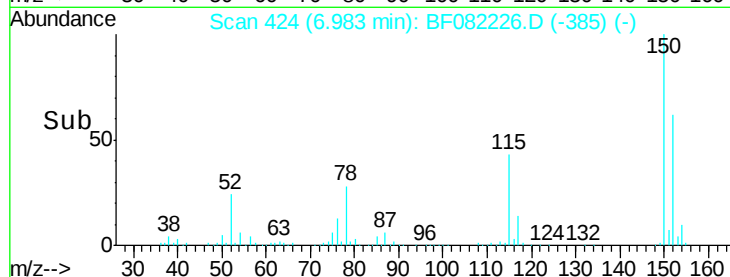
115 69.1 52.1 78.1



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: 17.98 ng

RT: 5.42 min Scan# 287

Delta R.T. -0.00 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

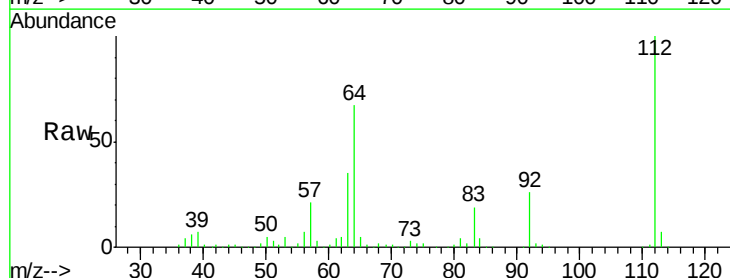
Tgt Ion:112 Resp: 225055

Ion Ratio Lower Upper

112 100

64 66.5 48.6 73.0

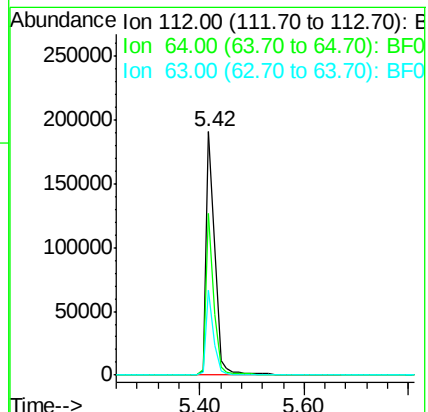
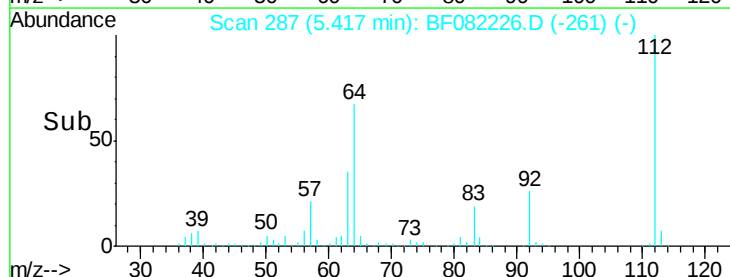
63 34.8 25.1 37.7

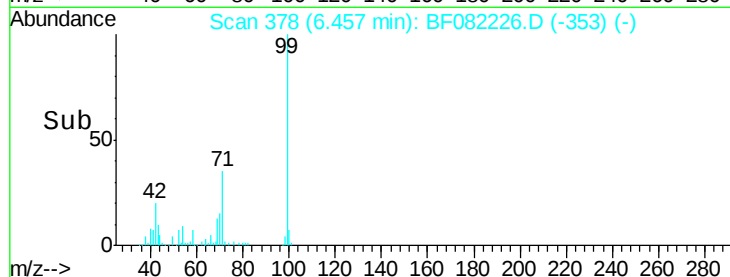
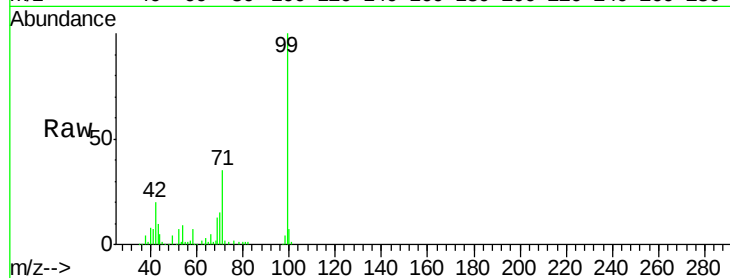


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.00 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PO-005

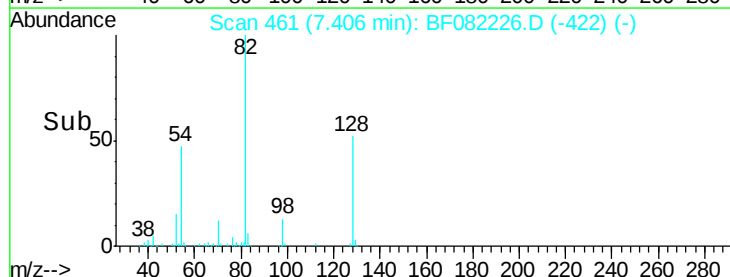
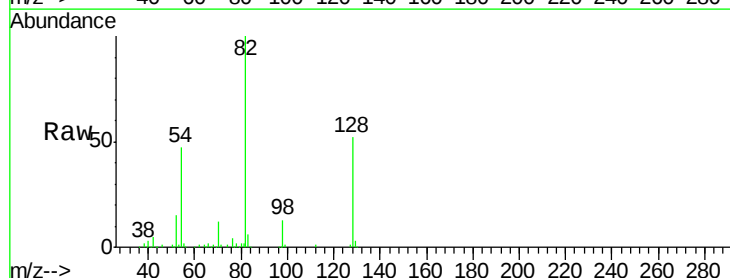
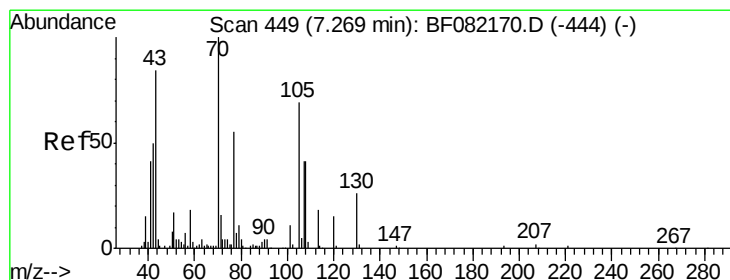
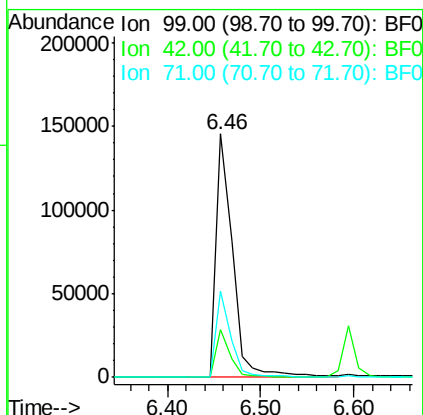
Tot Ion: 99 Resp: 179148

Ion Ratio Lower Upper

99 100

42 19.9 13.2 19.8#

71 35.2 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 4.81 ng

RT: 7.41 min Scan# 461

Delta R.T. 0.15 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Tgt Ion: 70 Resp: 55057

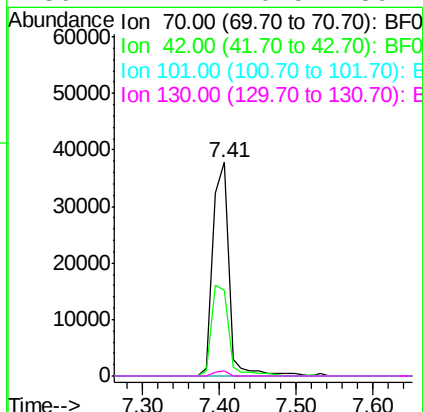
Ion Ratio Lower Upper

70 100

42 40.4 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

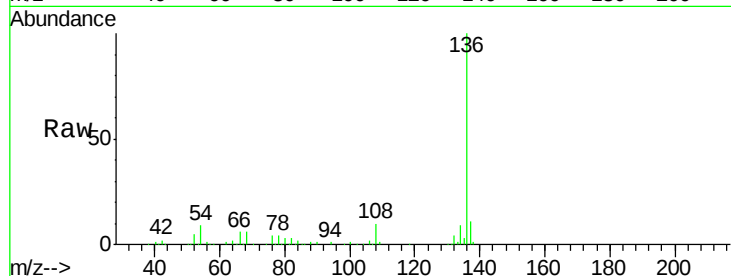




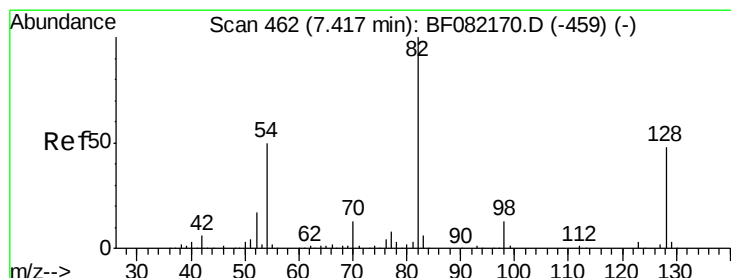
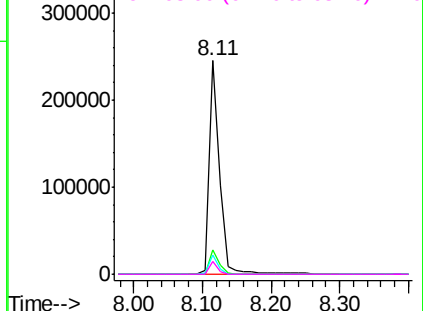
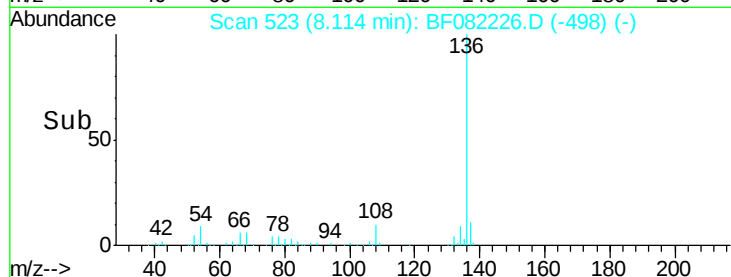
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

Instrument :
BNA_F
ClientSampleId :
PO-005

Tot Ion:136	Resp:	261310
Ion Ratio	Lower	Upper
136	100	
137	11.2	9.0 13.6
54	9.3	7.5 11.3
68	5.8	4.6 7.0

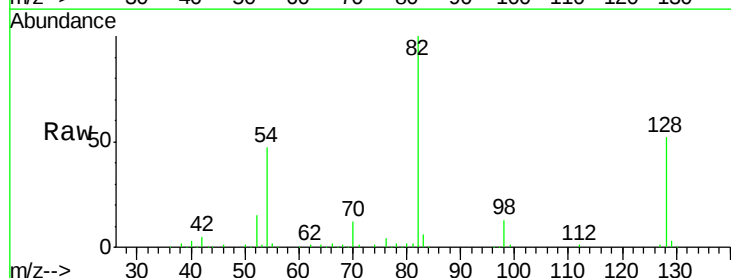


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

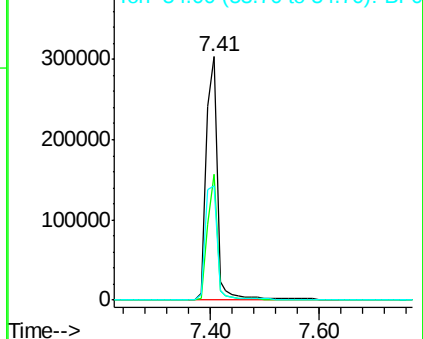
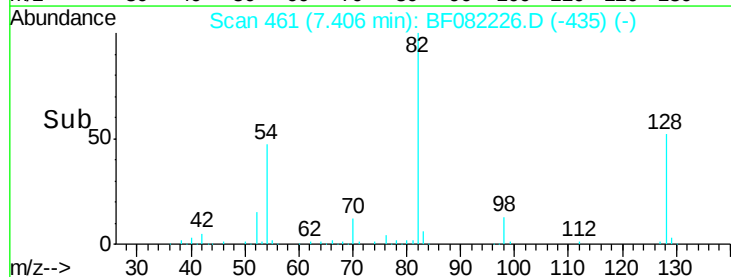


#23
Nitrobenzene-d5
Concen: 111.75 ng
RT: 7.41 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

Tgt Ion: 82	Resp:	434824
Ion Ratio	Lower	Upper
82	100	
128	51.5	38.7 58.1
54	46.7	40.1 60.1



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





#25

Isophorone

Concen: 52.68 ng

RT: 7.41 min Scan# 461

Delta R.T. -0.26 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PO-005

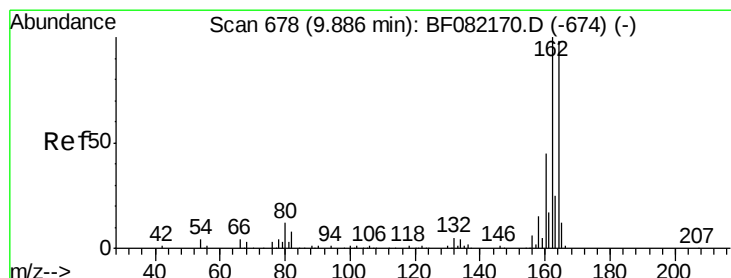
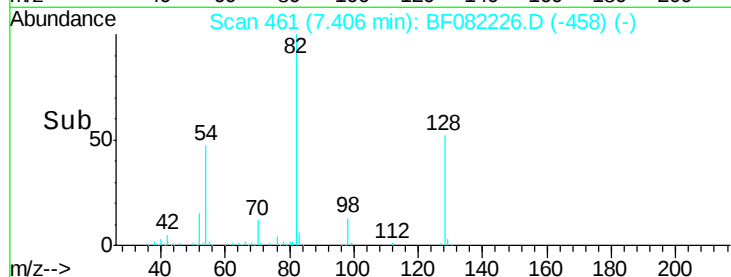
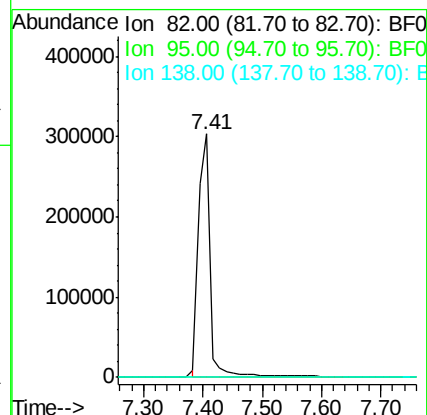
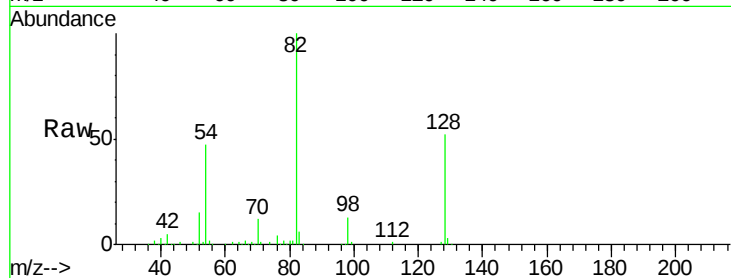
Tot Ion: 82 Resp: 413742

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 677

Delta R.T. -0.00 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

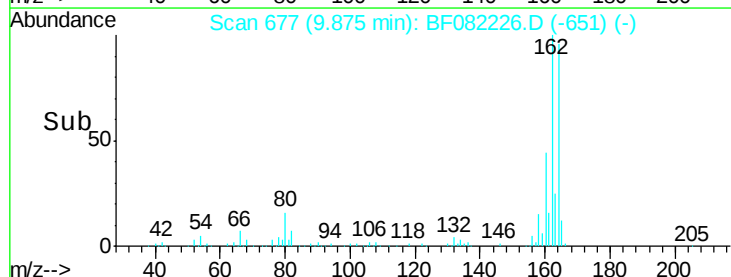
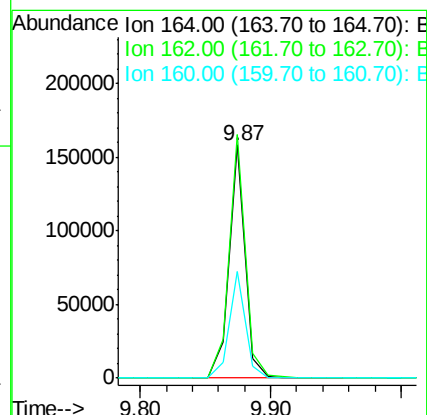
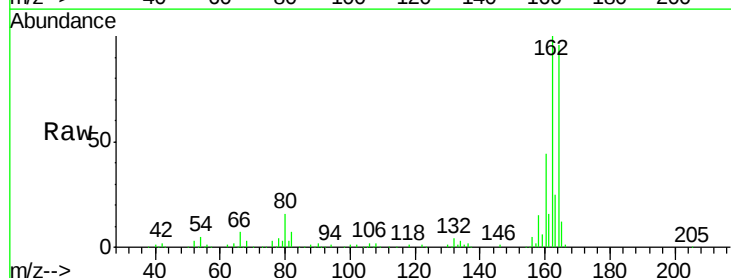
Tgt Ion: 164 Resp: 136721

Ion Ratio Lower Upper

164 100

162 104.5 81.6 122.4

160 45.9 36.4 54.6

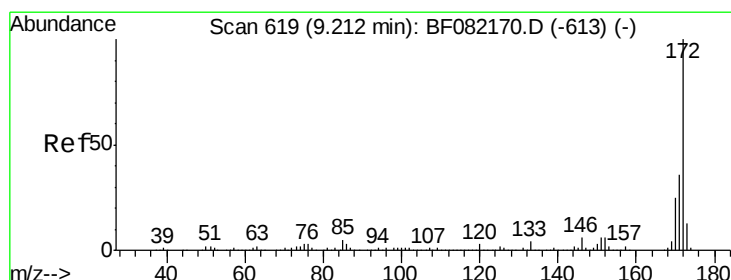
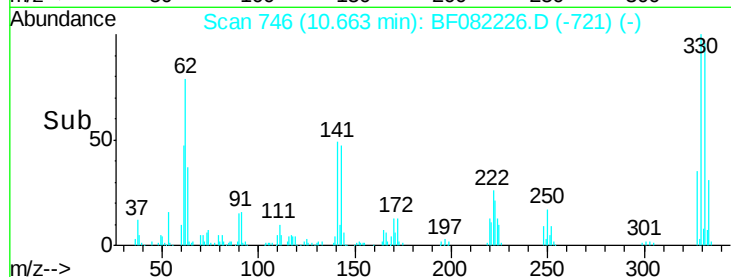
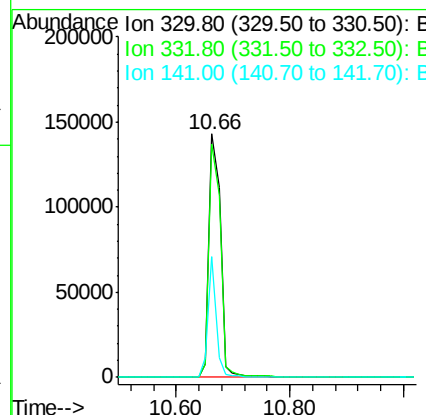
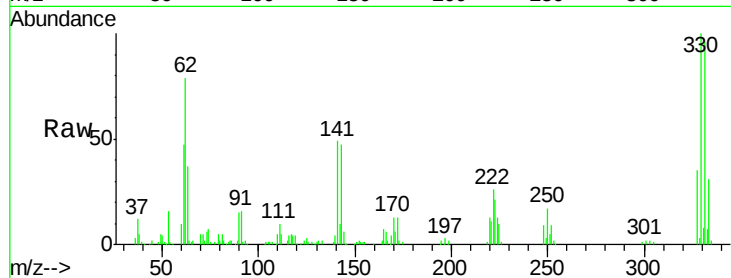




#41
 2,4,6-Tribromophenol
 Concen: 150.87 ng
 RT: 10.66 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF082226.D
 Acq: 12 Oct 2015 18:11

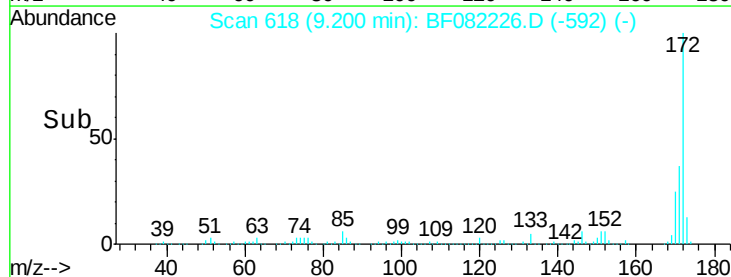
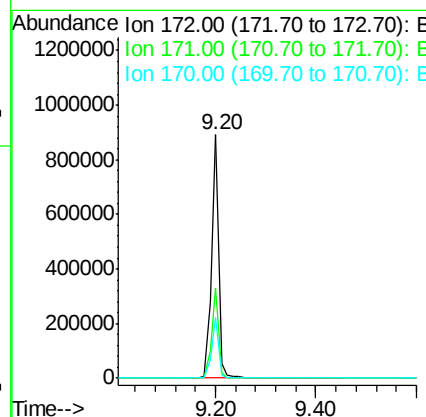
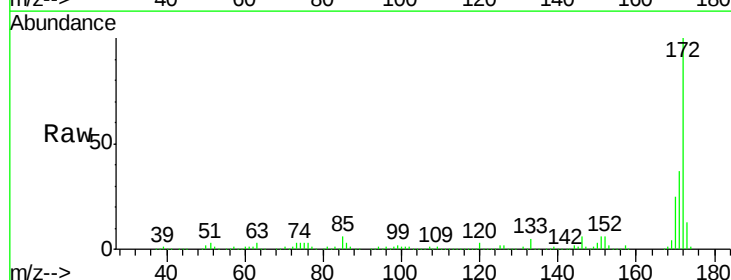
Instrument :
 BNA_F
 ClientSampleId :
 PO-005

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.1	115.7
141	34.8	29.8	44.8



#44
 2-Fluorobiphenyl
 Concen: 106.29 ng
 RT: 9.20 min Scan# 618
 Delta R.T. -0.00 min
 Lab File: BF082226.D
 Acq: 12 Oct 2015 18:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.6	42.8
170	24.8	19.7	29.5

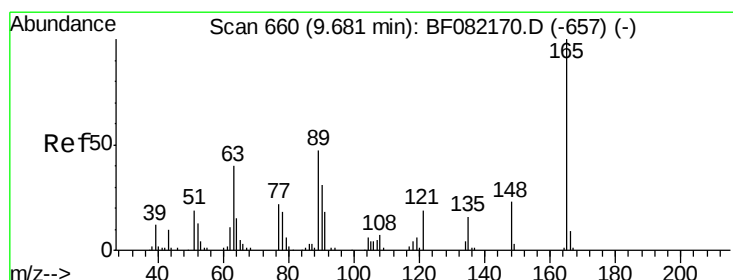
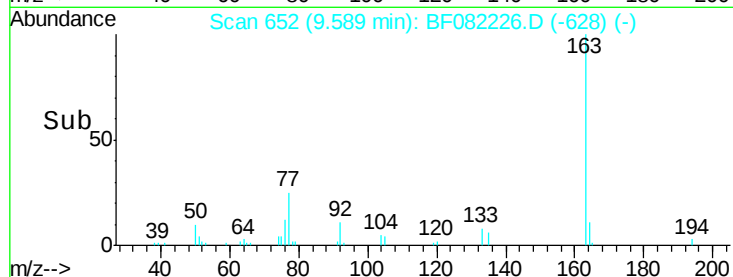
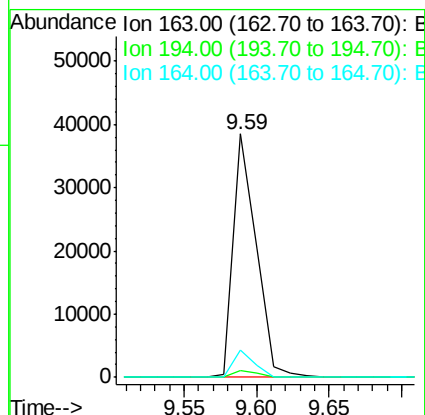
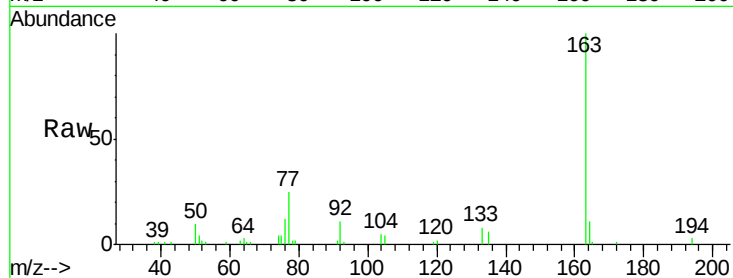




#49
Dimethylphthalate
Concen: 4.41 ng
RT: 9.59 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

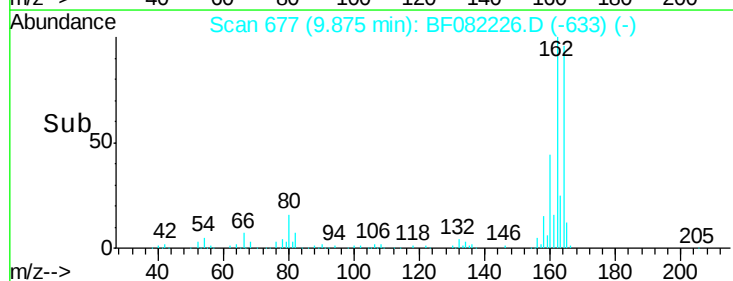
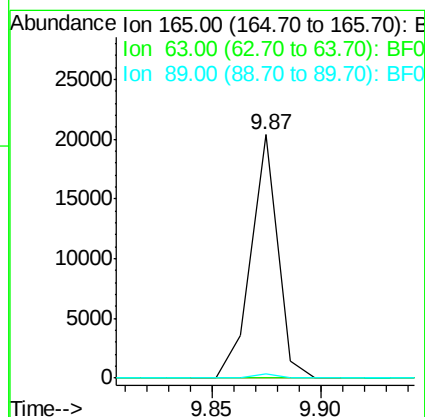
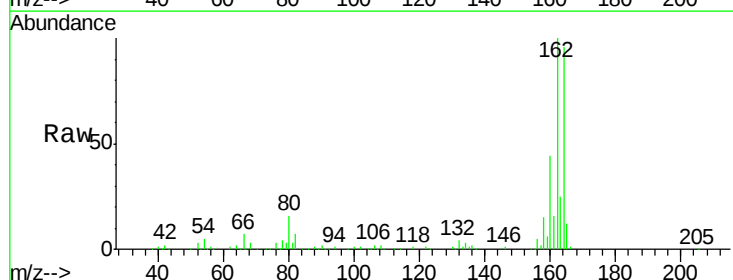
Instrument :
BNA_F
ClientSampleID :
PO-005

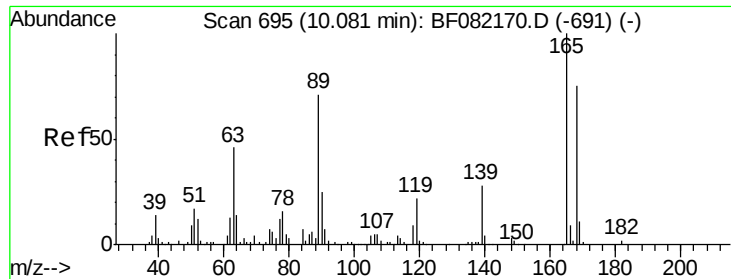
Tot Ion:163 Resp: 42450
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.0 8.5 12.7



#50
2,6-Dinitrotoluene
Concen: 8.57 ng
RT: 9.87 min Scan# 677
Delta R.T. 0.21 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

Tgt Ion:165 Resp: 17407
Ion Ratio Lower Upper
165 100
63 0.0 36.7 55.1#
89 1.6 37.8 56.6#

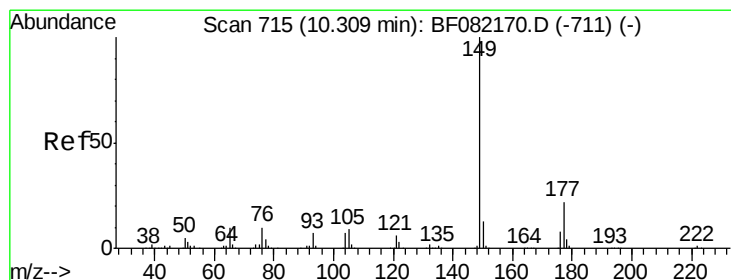
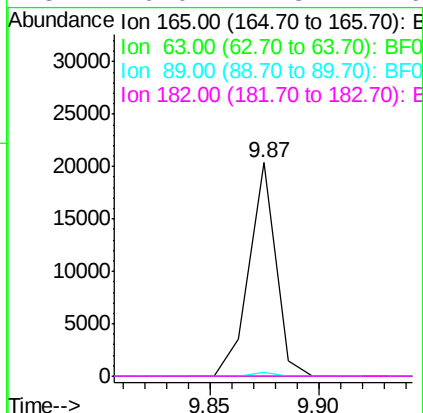
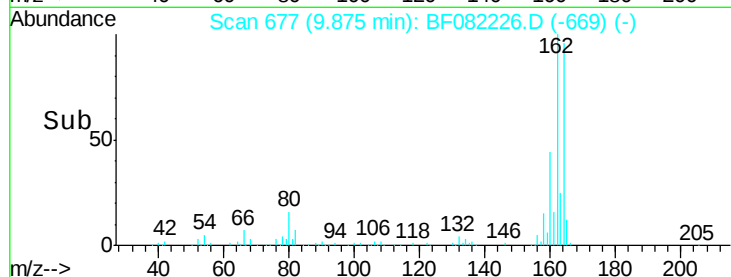
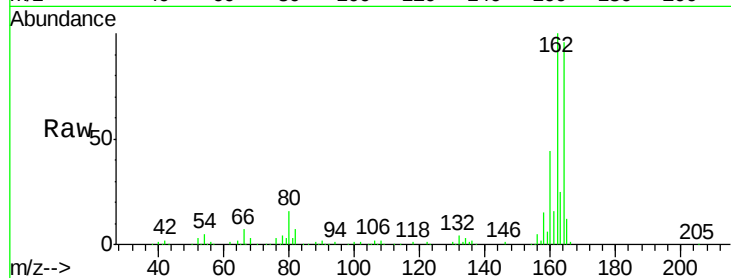




#56
2,4-Dinitrotoluene
Concen: 6.86 ng
RT: 9.87 min Scan# 677
Delta R.T. -0.21 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

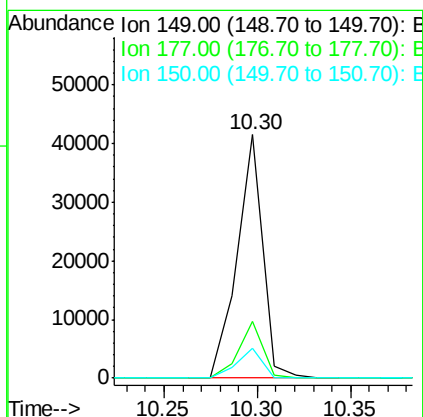
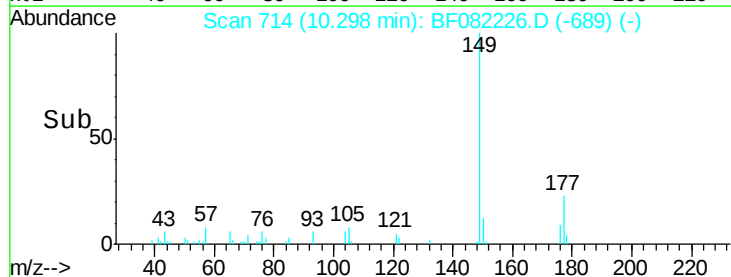
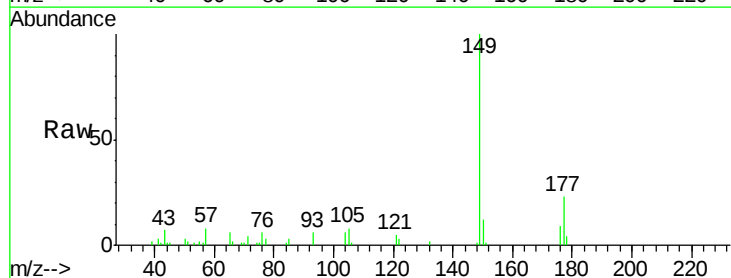
Instrument :
BNA_F
ClientSampleId :
PO-005

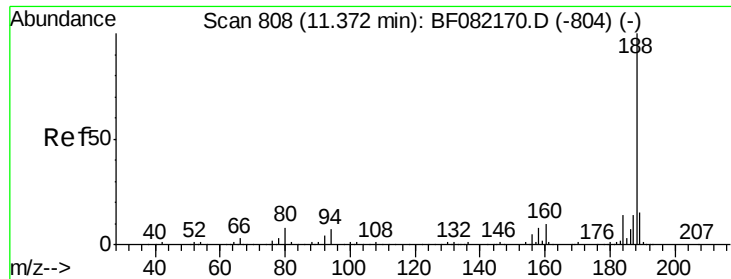
Tot Ion:165 Resp: 17407
Ion Ratio Lower Upper
165 100
63 0.0 38.6 58.0#
89 1.6 57.0 85.6#
182 0.0 1.8 2.6#



#59
Diethylphthalate
Concen: 4.43 ng
RT: 10.30 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

Tgt Ion:149 Resp: 39715
Ion Ratio Lower Upper
149 100
177 23.3 17.6 26.4
150 12.1 10.3 15.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PO-005

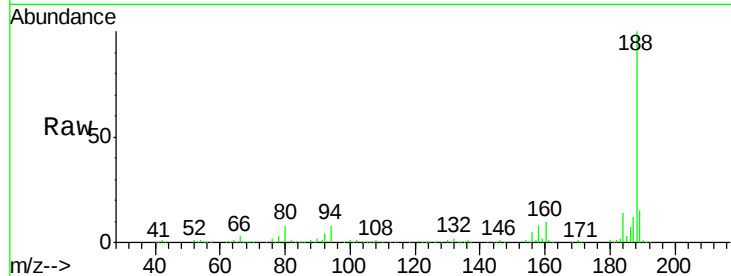
Tot Ion:188 Resp: 276948

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

80 8.3 6.4 9.6



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

11.36

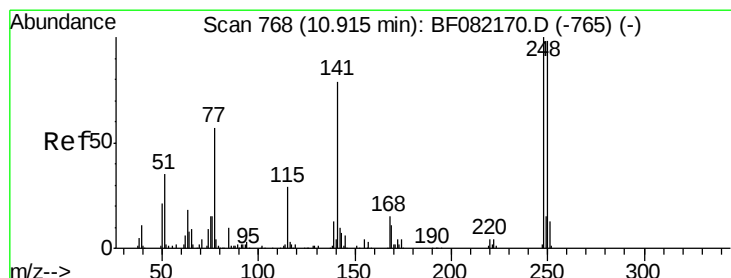
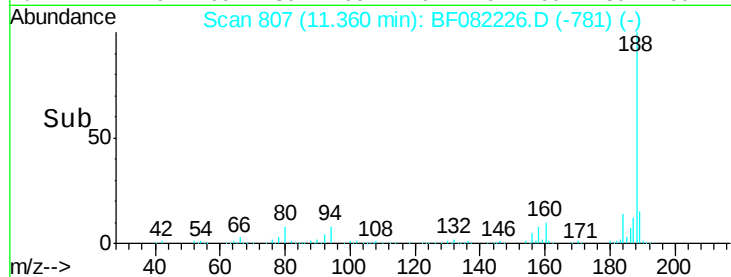
300000

200000

100000

0

Time-->



#66

4-Bromophenyl-phenylether

Concen: 4.72 ng

RT: 10.66 min Scan# 746

Delta R.T. -0.25 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

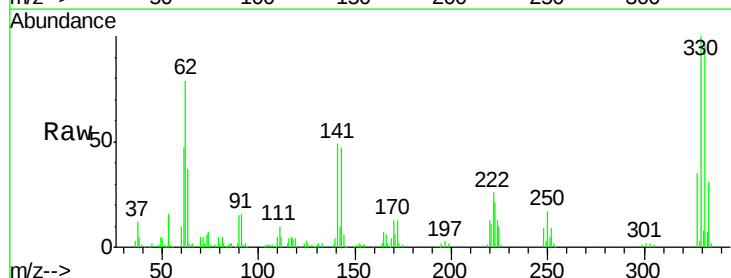
Tgt Ion:248 Resp: 13077

Ion Ratio Lower Upper

248 100

250 189.6 78.6 117.8#

141 562.3 63.3 94.9#



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

80000

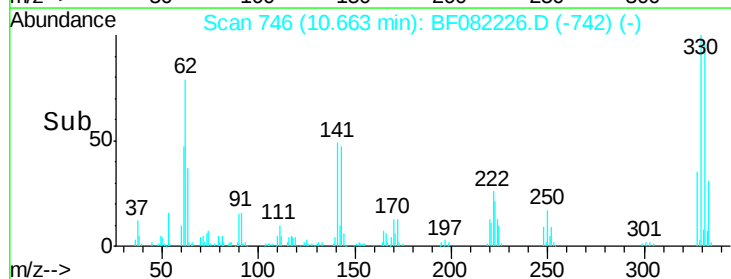
60000

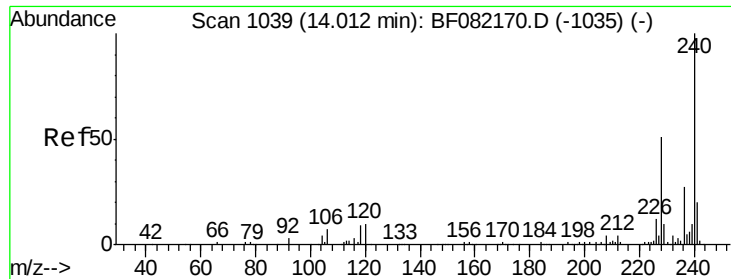
40000

20000

0

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

Instrument :

BNA_F

ClientSampleId :

PO-005

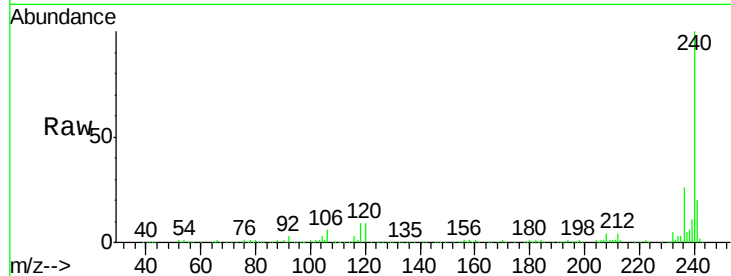
Tot Ion:240 Resp: 274030

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

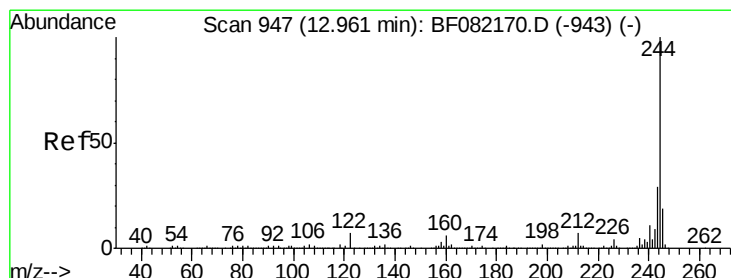
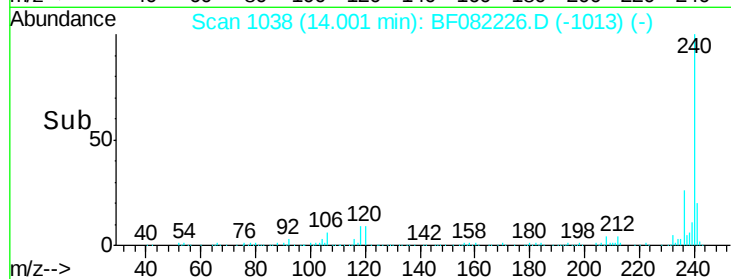
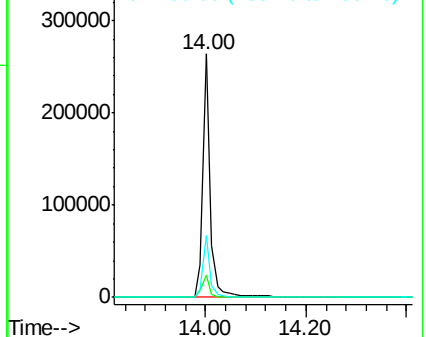
236 25.5 21.3 31.9



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: 81.82 ng

RT: 12.95 min Scan# 946

Delta R.T. -0.00 min

Lab File: BF082226.D

Acq: 12 Oct 2015 18:11

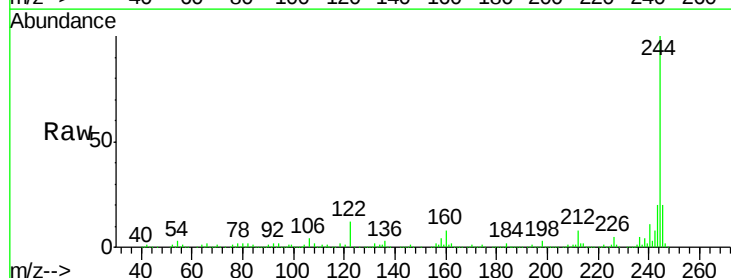
Tgt Ion:244 Resp: 846109

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

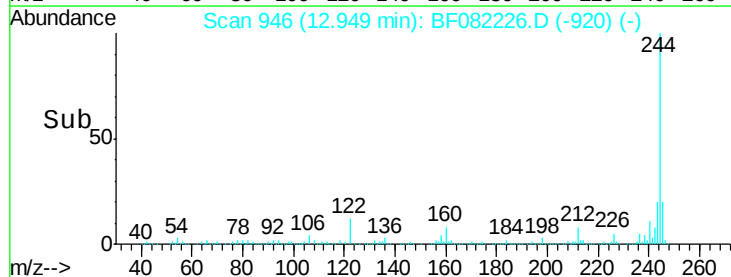
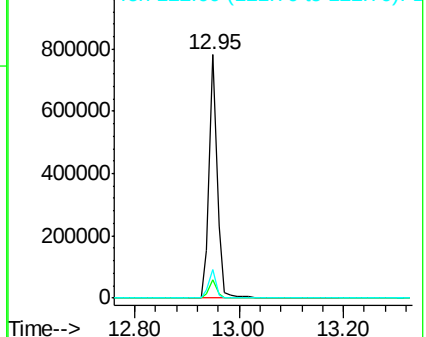
122 11.9 5.9 8.9#

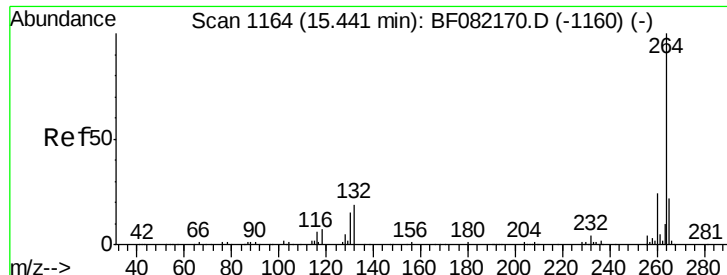


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

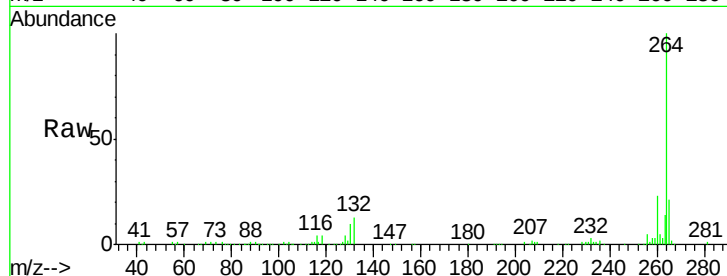




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF082226.D
Acq: 12 Oct 2015 18:11

Instrument :
BNA_F
ClientSampleId :
PO-005

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.5	17.3	25.9



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

