

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF082415\
 Data File : BF081186.D
 Acq On : 25 Aug 2015 00:39
 Operator : UM/IZ
 Sample : G3386-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Quant Time: Aug 25 01:03:58 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 24 23:49:48 2015
 Response via : Initial Calibration

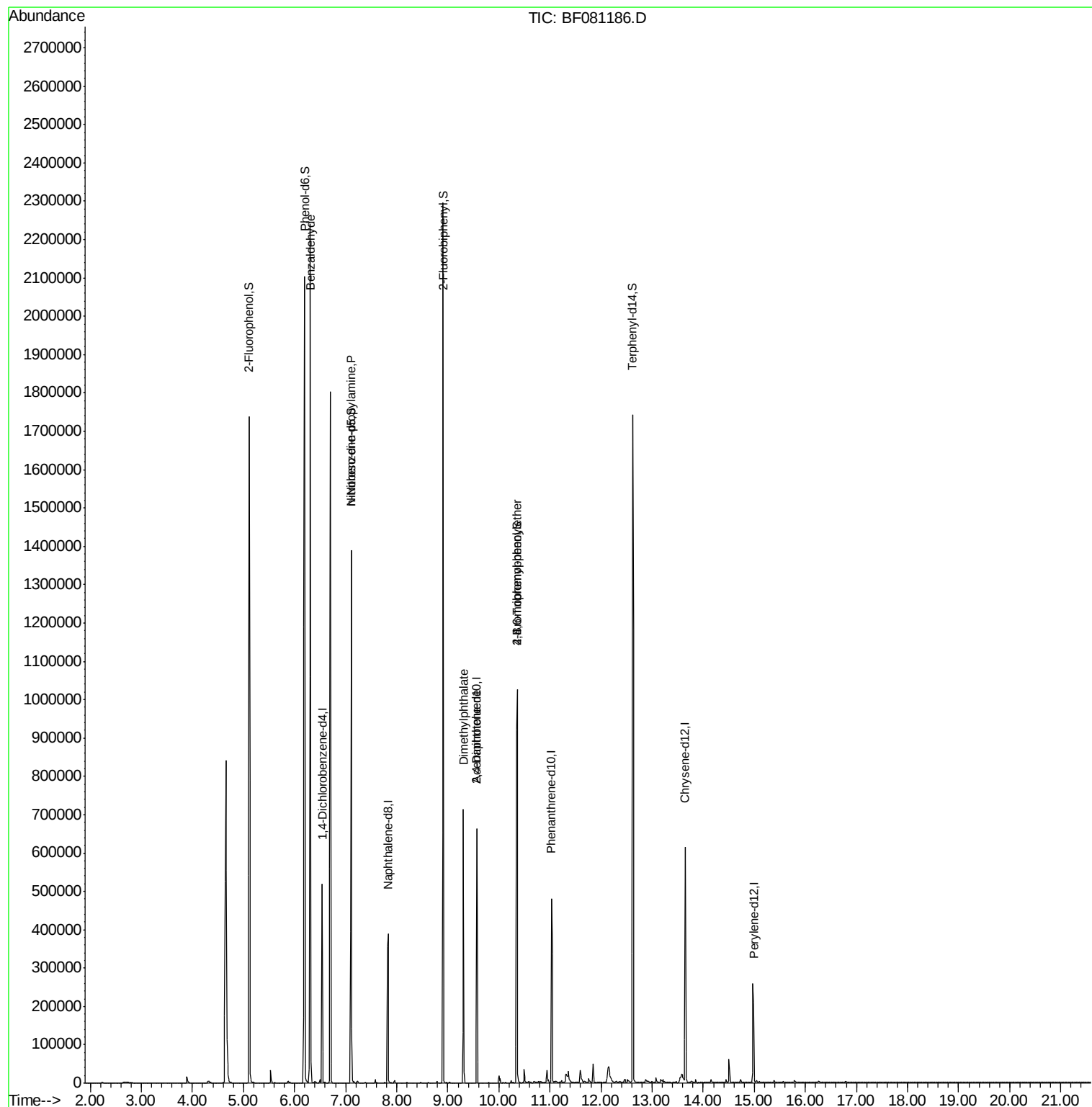
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	65962	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	251545	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	123076	20.00	ng	0.00
63) Phenanthrene-d10	11.03	188	224632	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	198643	20.00	ng	-0.01
86) Perylene-d12	14.99	264	129047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	561687	128.08	ng	0.01
7) Phenol-d6	6.20	99	804894	140.67	ng	0.00
23) Nitrobenzene-d5	7.11	82	444223	80.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	153719	144.08	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	704125	74.96	ng	0.00
78) Terphenyl-d14	12.62	244	730045	78.79	ng	0.00
Target Compounds						
9) Benzaldehyde	6.31	77	15614	4.23	ng	Qvalue 83
19) n-Nitroso-di-n-propylamine	7.11	70	59911	15.11	ng	# 69
49) Dimethylphthalate	9.30	163	253929	25.05	ng	100
56) 2,4-Dinitrotoluene	9.57	165	15808	5.48	ng	# 17
66) 4-Bromophenyl-phenylether	10.36	248	11848	5.37	ng	# 1

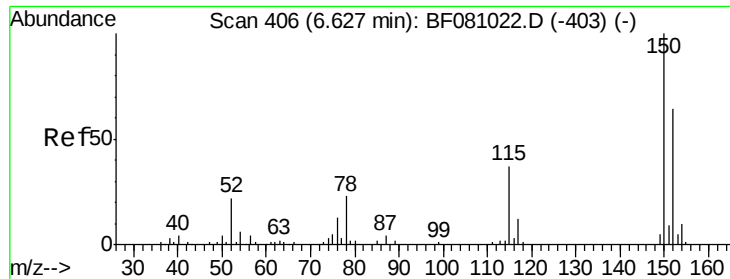
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

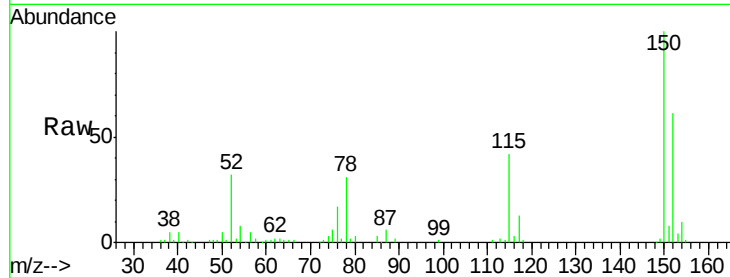
Tgt Ion:152 Resp: 65962

Ion Ratio Lower Upper

152 100

150 164.0 123.8 185.6

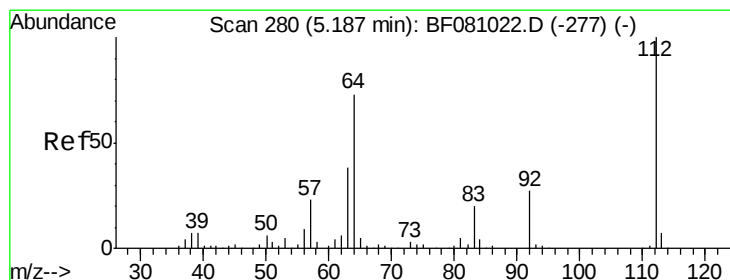
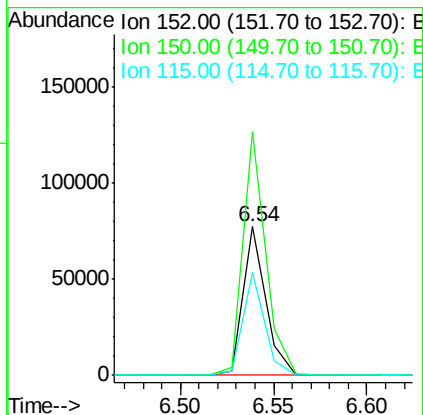
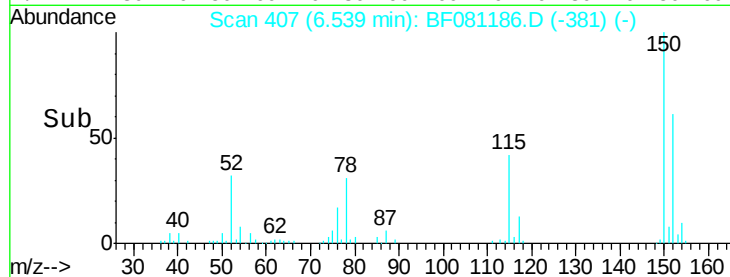
115 69.1 52.1 78.1



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: 128.08 ng

RT: 5.11 min Scan# 282

Delta R.T. 0.01 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

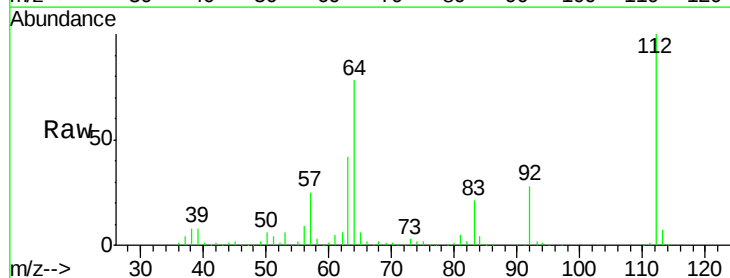
Tgt Ion:112 Resp: 561687

Ion Ratio Lower Upper

112 100

64 78.1 66.9 100.3

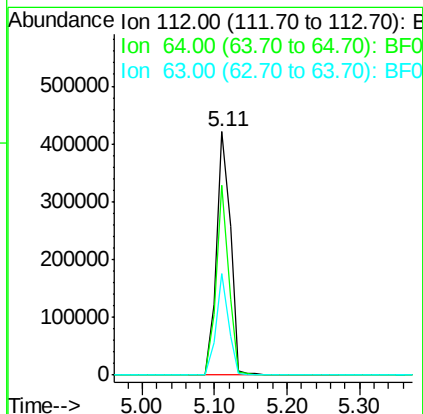
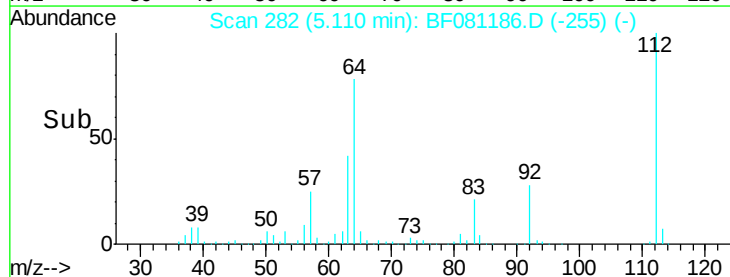
63 42.0 38.1 57.1



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: 140.67 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

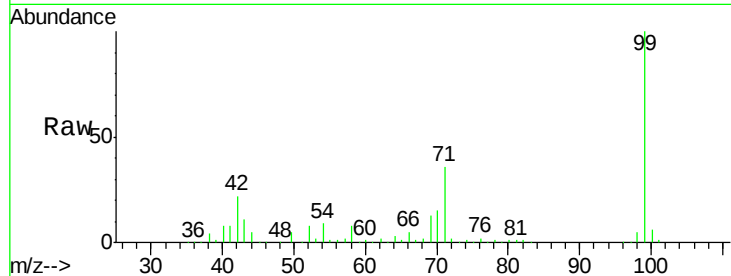
Tgt Ion: 99 Resp: 804894

Ion Ratio Lower Upper

99 100

42 21.6 19.6 29.4

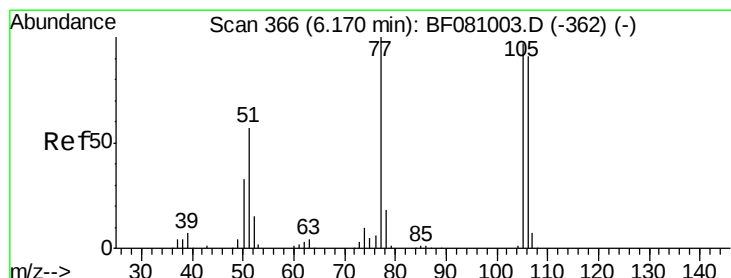
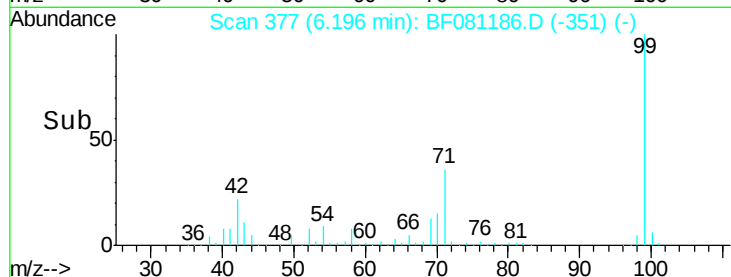
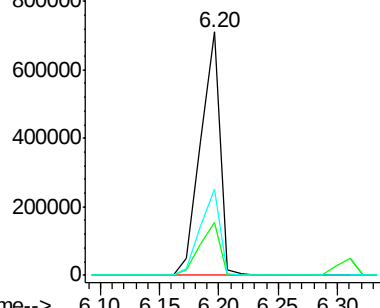
71 35.6 31.2 46.8



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: 4.23 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

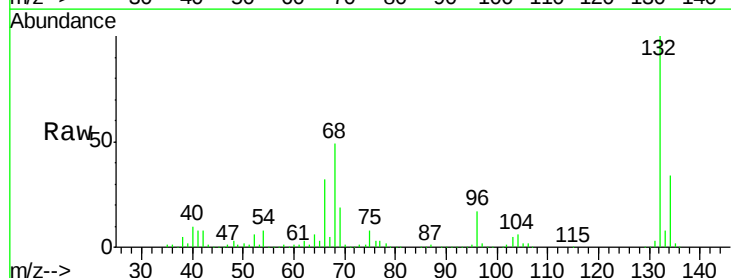
Tgt Ion: 77 Resp: 15614

Ion Ratio Lower Upper

77 100

105 77.8 69.6 109.6

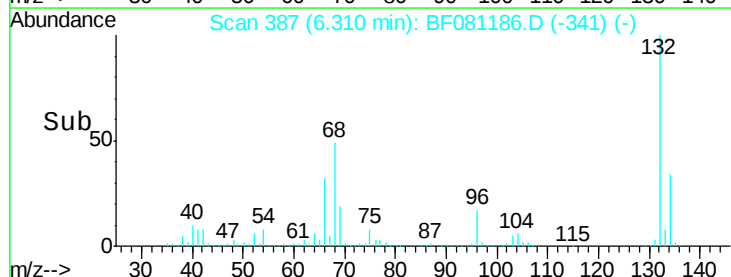
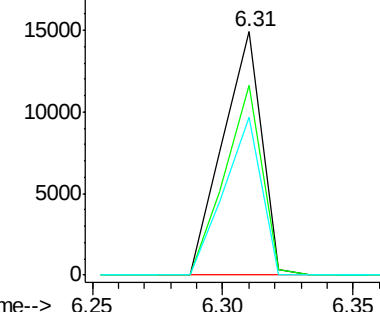
106 64.8 64.0 104.0

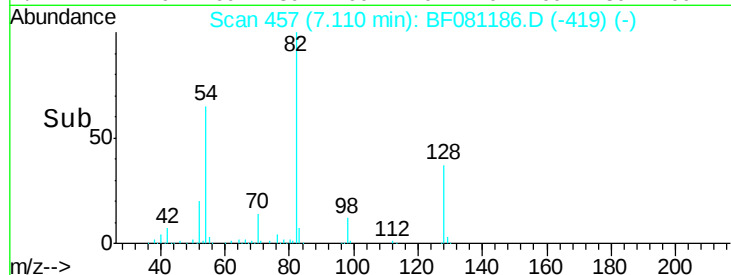
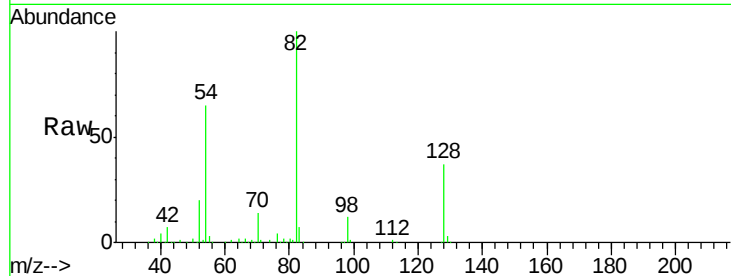
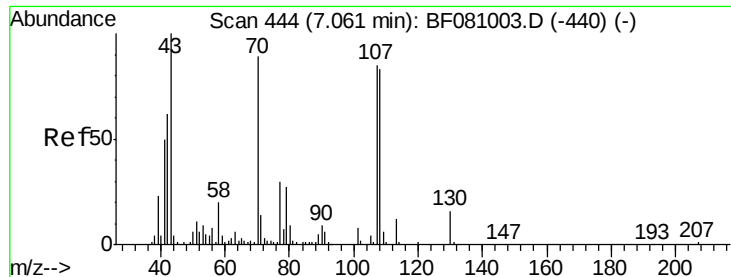


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

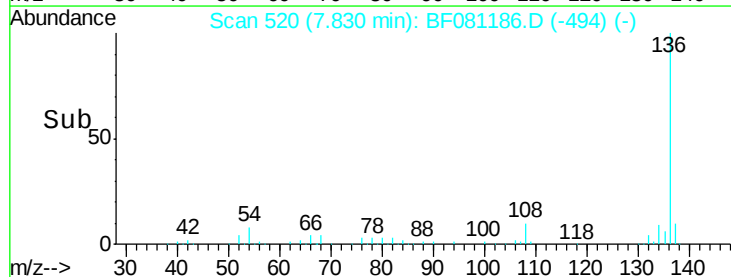
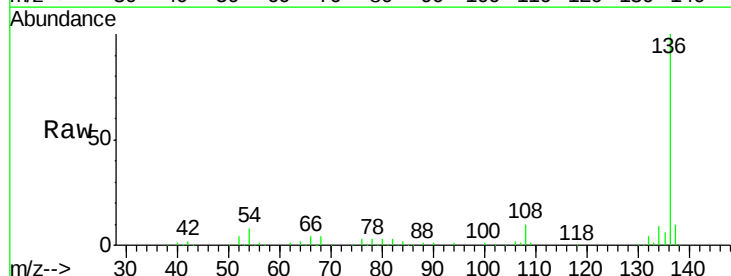
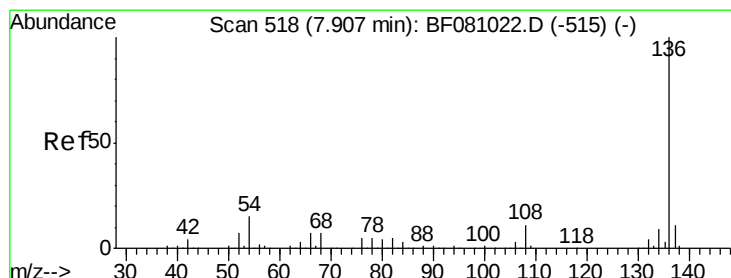
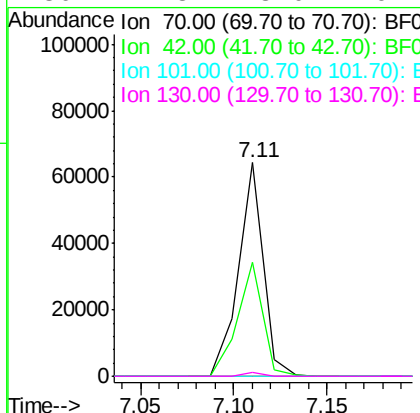




#19
n-Nitroso-di-n-propylamine
Concen: 15.11 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.14 min
Lab File: BF081186.D
Acq: 25 Aug 2015 00:39

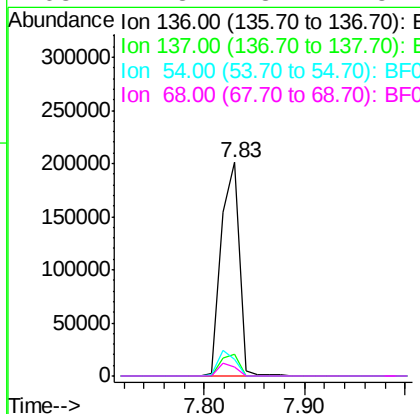
Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

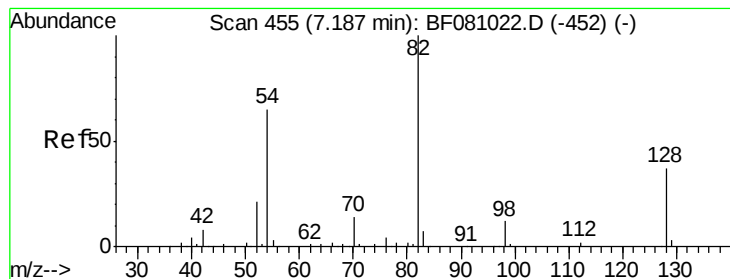
Tgt Ion: 70 Resp: 59911
Ion Ratio Lower Upper
70 100
42 53.2 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081186.D
Acq: 25 Aug 2015 00:39

Tgt Ion: 136 Resp: 251545
Ion Ratio Lower Upper
136 100
137 10.4 8.2 12.2
54 7.9 7.7 11.5
68 4.3 3.4 5.2





#23

Nitrobenzene-d5

Concen: 80.67 ng

RT: 7.11 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

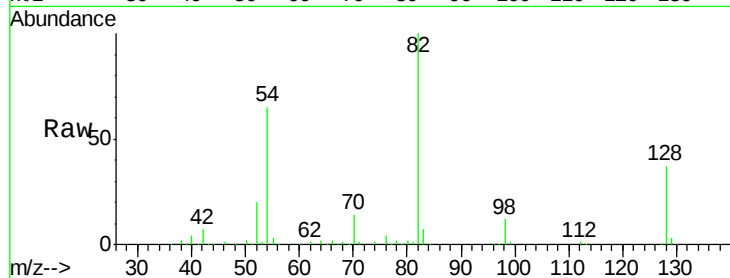
Tgt Ion: 82 Resp: 444223

Ion Ratio Lower Upper

82 100

128 37.4 28.6 42.8

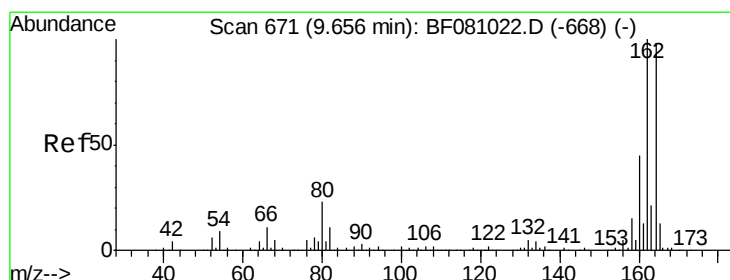
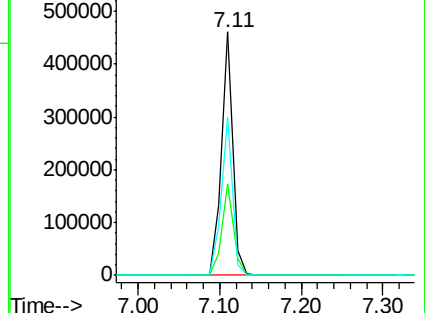
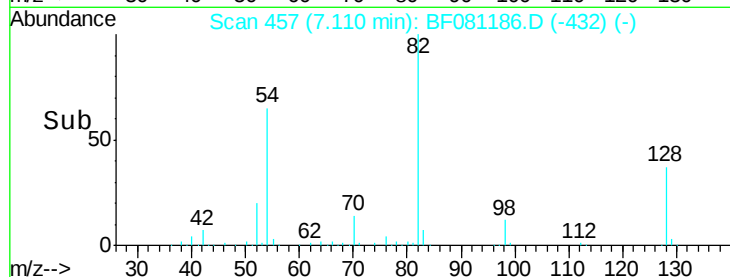
54 64.9 55.1 82.7



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: 9.57 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

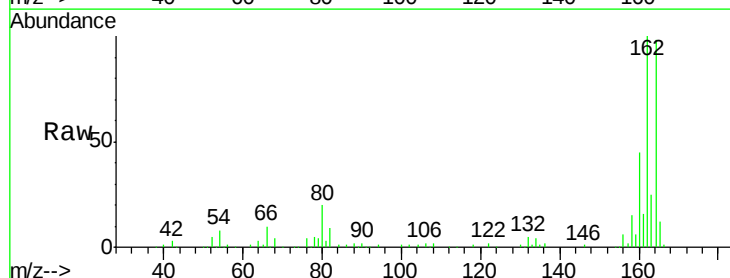
Tgt Ion: 164 Resp: 123076

Ion Ratio Lower Upper

164 100

162 102.4 83.8 125.8

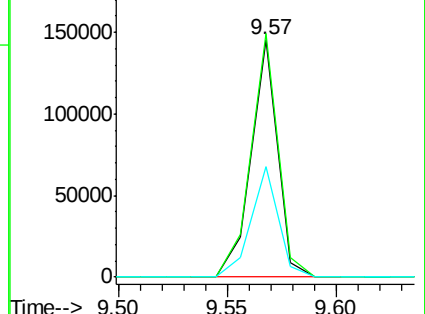
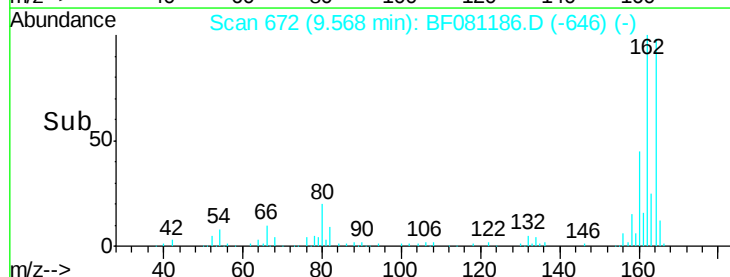
160 46.6 39.8 59.8



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

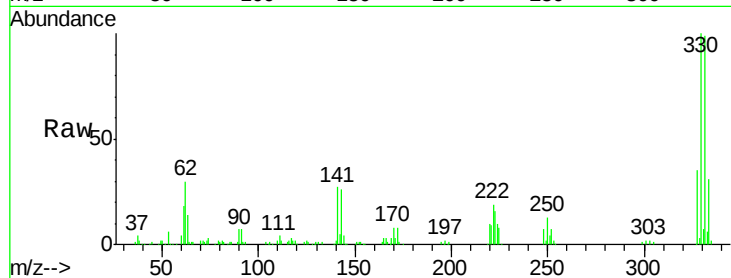




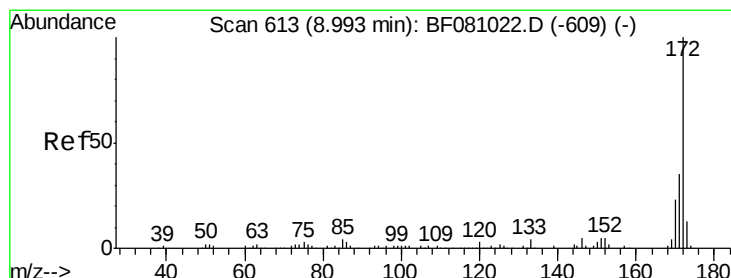
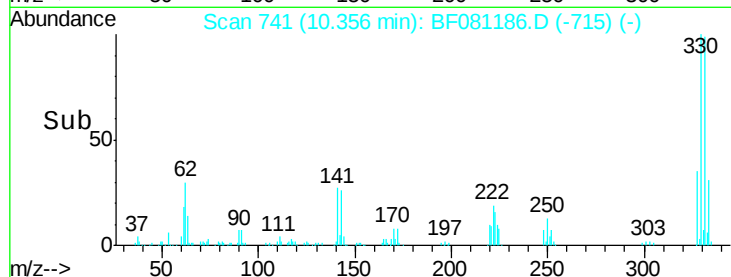
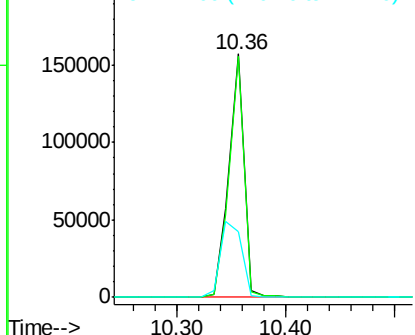
#41
 2,4,6-Tribromophenol
 Concen: 144.08 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081186.D
 Acq: 25 Aug 2015 00:39

Instrument :
 BNA_F
 ClientSampleId :
 P001-BF004-01

Tgt Ion:330 Resp: 153719
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.3 115.9
 141 43.9 44.9 67.3#

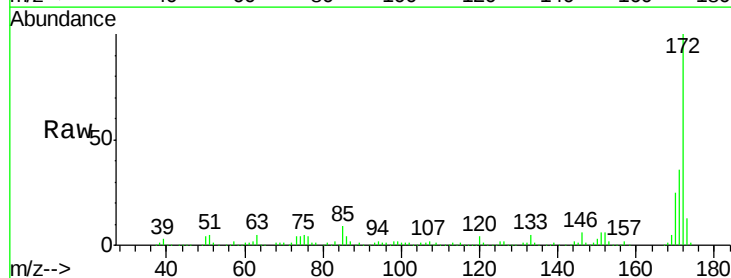


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

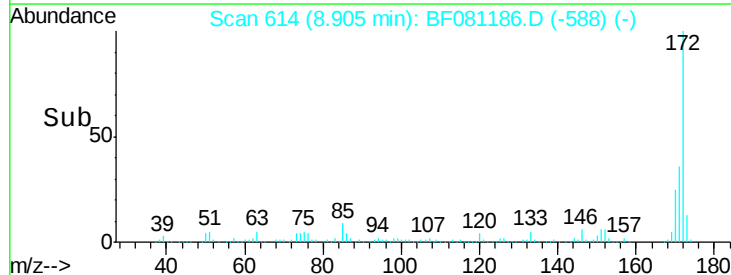
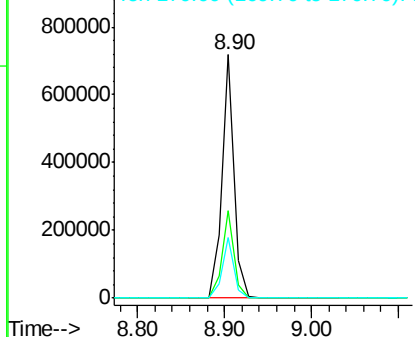


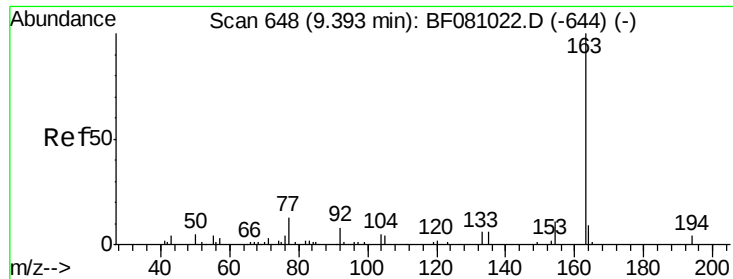
#44
 2-Fluorobiphenyl
 Concen: 74.96 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081186.D
 Acq: 25 Aug 2015 00:39

Tgt Ion:172 Resp: 704125
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.9 19.4 29.2



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

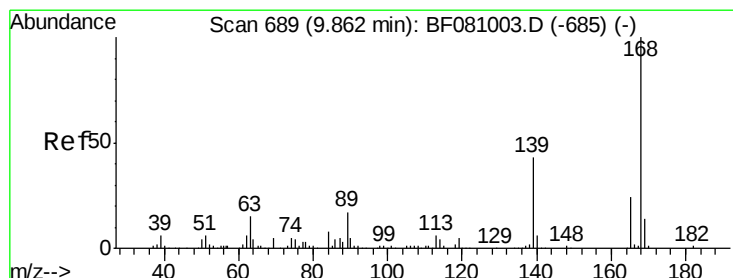
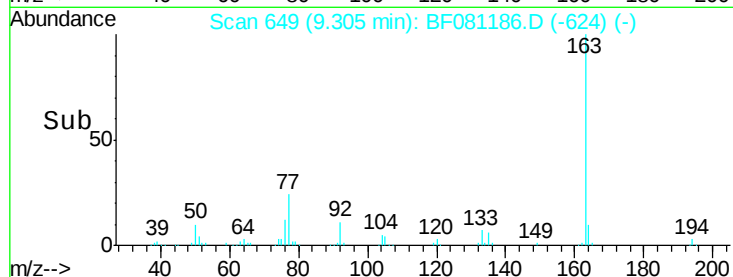
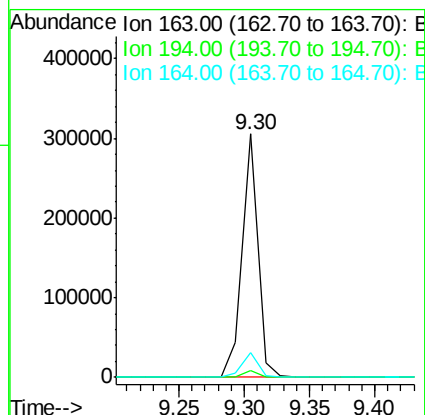
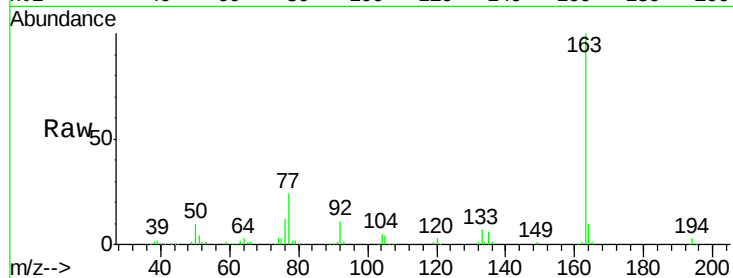




#49
Dimethylphthalate
Concen: 25.05 ng
RT: 9.30 min Scan# 649
Delta R.T. -0.01 min
Lab File: BF081186.D
Acq: 25 Aug 2015 00:39

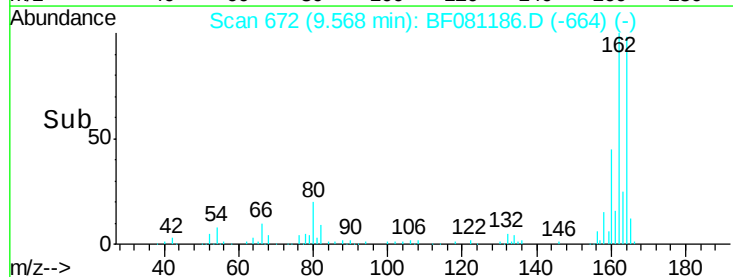
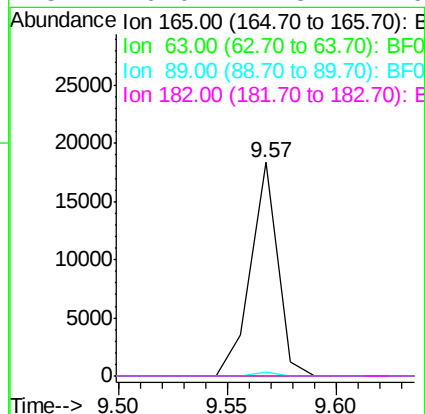
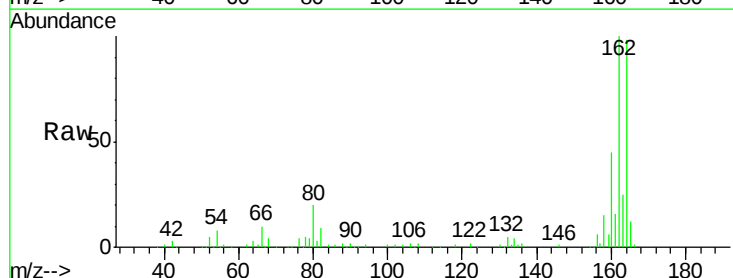
Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

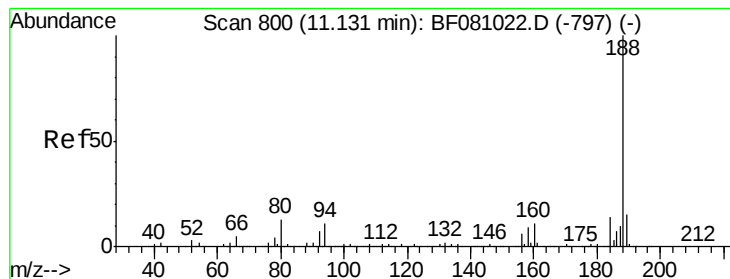
Tgt Ion:163 Resp: 253929
Ion Ratio Lower Upper
163 100
194 3.0 2.5 3.7
164 9.9 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.48 ng
RT: 9.57 min Scan# 672
Delta R.T. -0.21 min
Lab File: BF081186.D
Acq: 25 Aug 2015 00:39

Tgt Ion:165 Resp: 15808
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 1.7 60.1 90.1#
182 0.0 1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.03 min Scan# 800

Delta R.T. -0.01 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

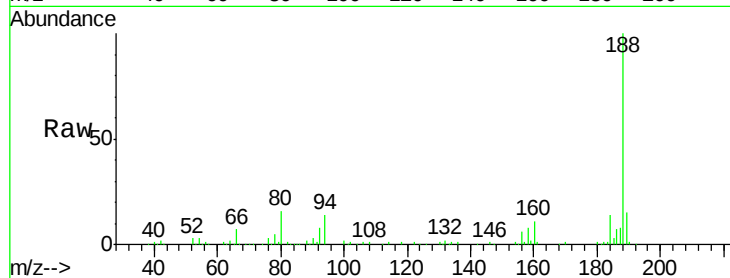
Tgt Ion:188 Resp: 224632

Ion Ratio Lower Upper

188 100

94 13.9 8.2 12.2#

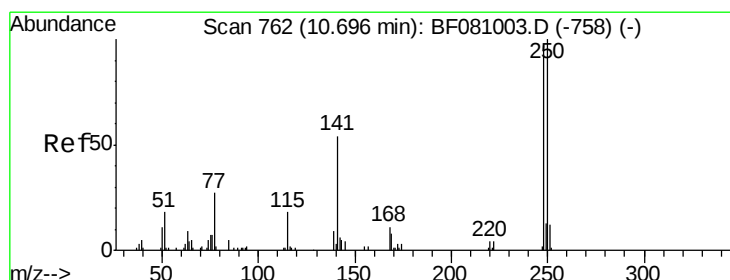
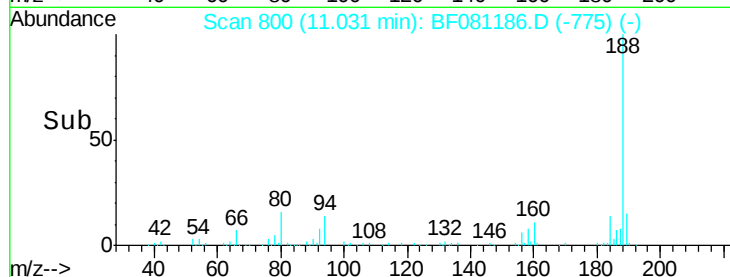
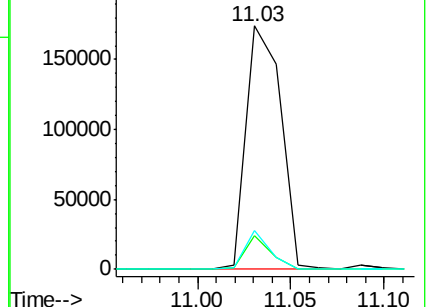
80 15.7 9.5 14.3#



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: 5.37 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

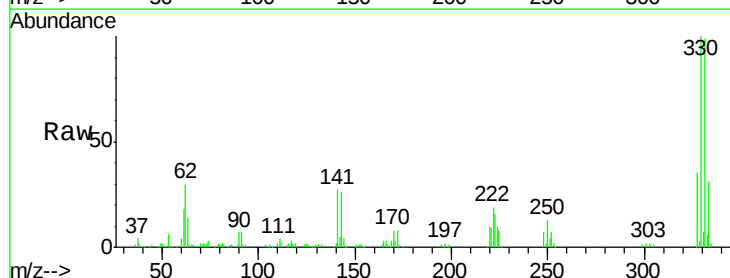
Tgt Ion:248 Resp: 11848

Ion Ratio Lower Upper

248 100

250 185.5 77.8 116.6#

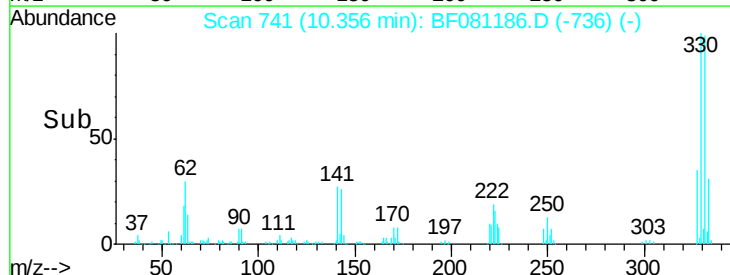
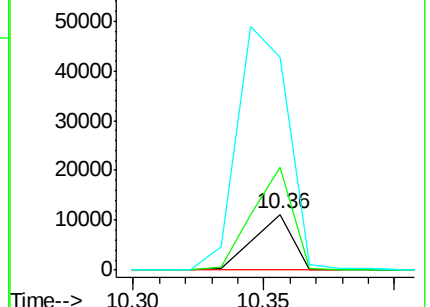
141 382.9 39.8 59.6#

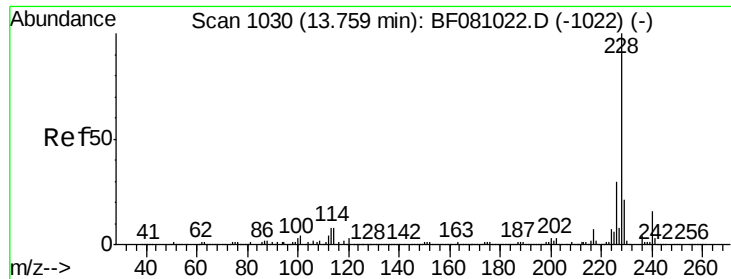


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

Instrument :

BNA_F

ClientSampleId :

P001-BF004-01

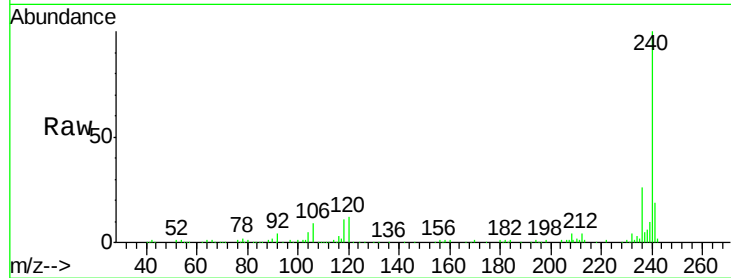
Tgt Ion:240 Resp: 198643

Ion Ratio Lower Upper

240 100

120 11.8 5.6 8.4#

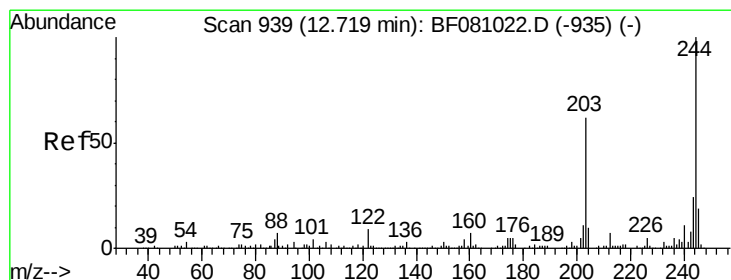
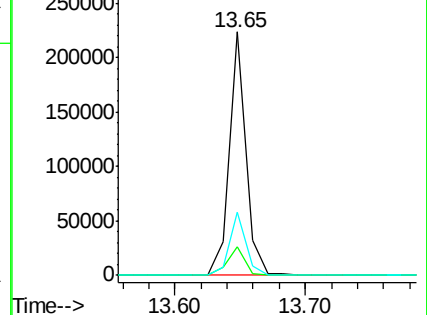
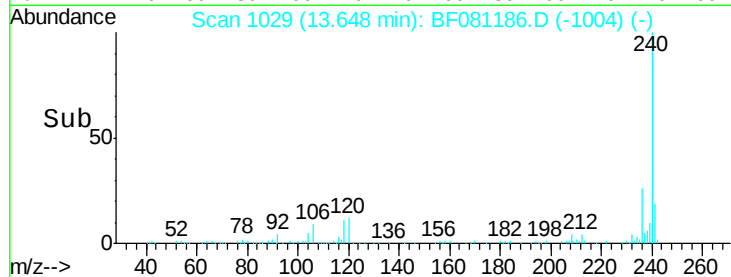
236 26.1 20.6 30.8



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: 78.79 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF081186.D

Acq: 25 Aug 2015 00:39

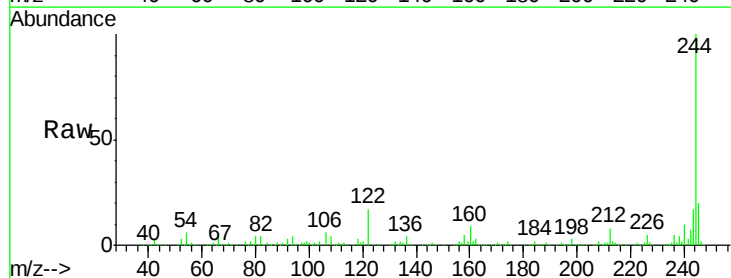
Tgt Ion:244 Resp: 730045

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

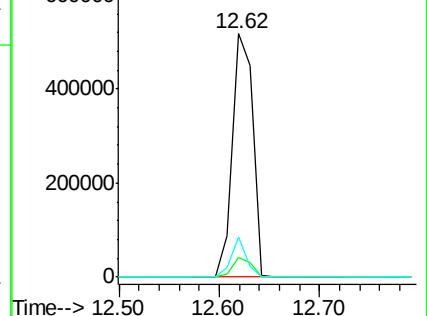
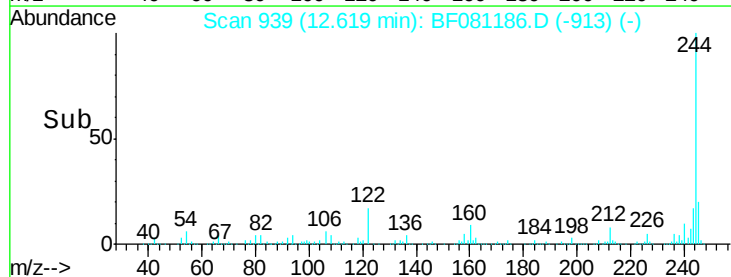
122 16.5 8.2 12.4#

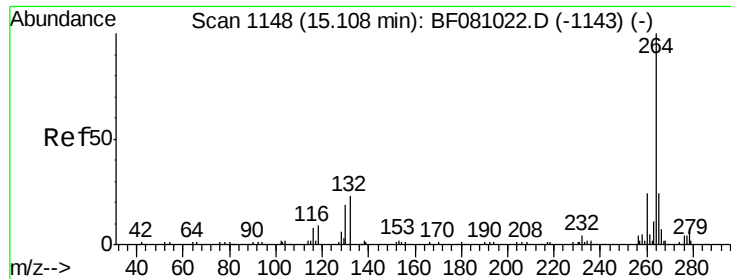


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.99 min Scan# 1146
Delta R.T. -0.00 min
Lab File: BF081186.D
Acq: 25 Aug 2015 00:39

Instrument :
BNA_F
ClientSampleId :
P001-BF004-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.6	29.4
265	20.4	17.5	26.3

