

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082415\
 Data File : BF081174.D
 Acq On : 24 Aug 2015 17:55
 Operator : UM/IZ
 Sample : PB85151BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BL

Quant Time: Aug 25 11:09:13 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 13:58:19 2015
 Response via : Initial Calibration

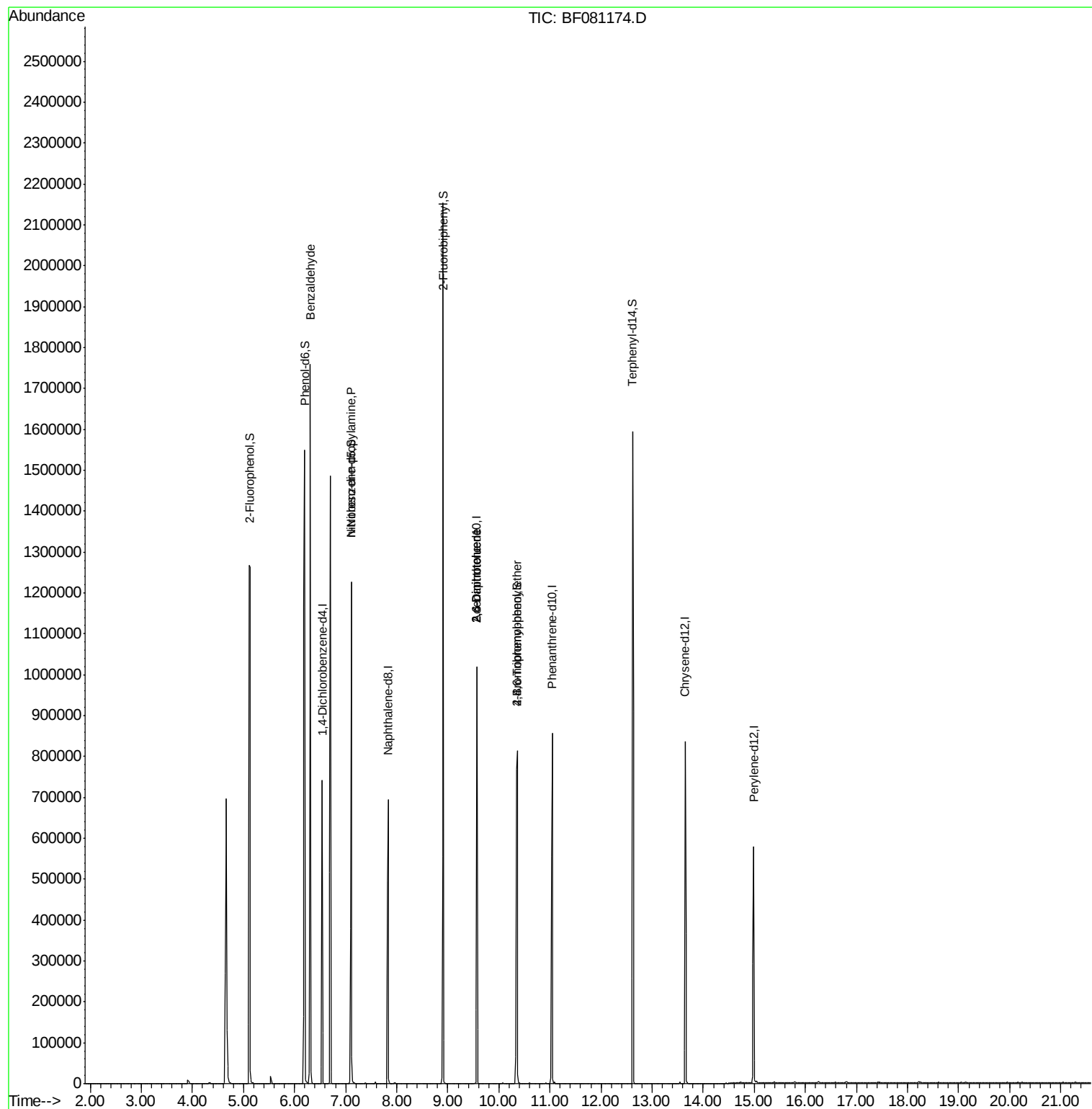
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	96674	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	400039	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	189381	20.00	ng	-0.01
63) Phenanthrene-d10	11.04	188	401935	20.00	ng	0.00
75) Chrysene-d12	13.65	240	325654	20.00	ng	-0.01
86) Perylene-d12	14.99	264	238127	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	487566	75.86	ng	0.02
7) Phenol-d6	6.20	99	698613	83.31	ng	0.00
23) Nitrobenzene-d5	7.11	82	386686	44.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	122807	74.81	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	633469	43.83	ng	0.00
78) Terphenyl-d14	12.62	244	623729	41.06	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.31	77	12704	2.35	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.11	70	52152	8.98	ng	# 68
50) 2,6-Dinitrotoluene	9.57	165	24374	7.28	ng	# 22
56) 2,4-Dinitrotoluene	9.57	165	24374	5.49	ng	# 17
66) 4-Bromophenyl-phenylether	10.36	248	9226	2.34	ng	# 1

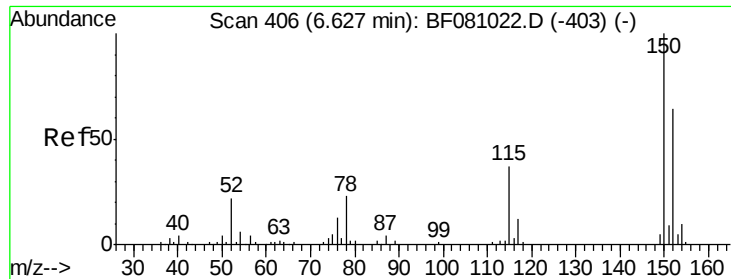
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082415\
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QLast Update : Mon Aug 24 13:58:19 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB85151BL

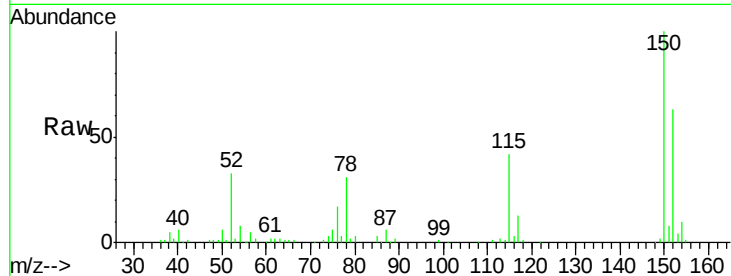
Tgt Ion:152 Resp: 96674

Ion Ratio Lower Upper

152 100

150 159.9 123.8 185.6

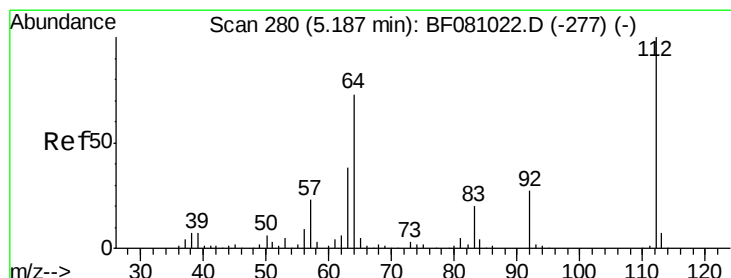
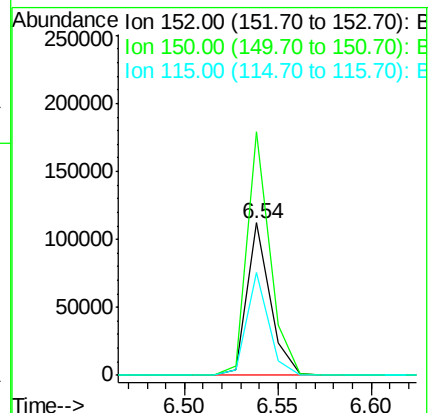
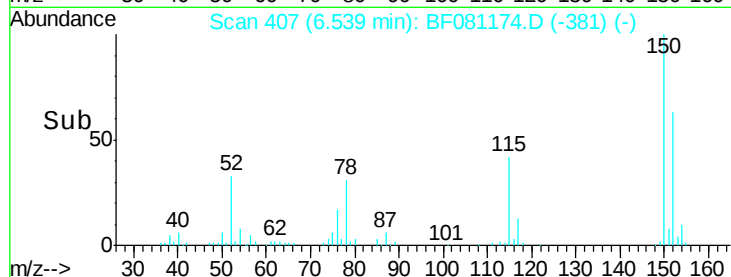
115 67.9 52.1 78.1



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: 75.86 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

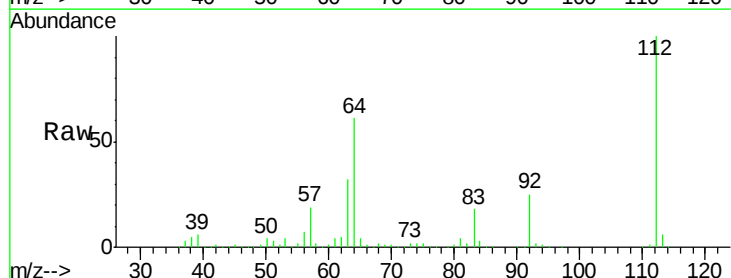
Tgt Ion:112 Resp: 487566

Ion Ratio Lower Upper

112 100

64 60.8 66.9 100.3#

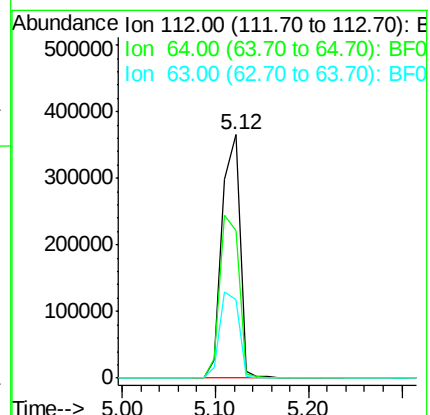
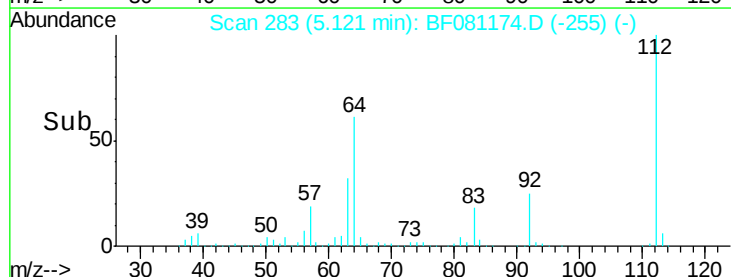
63 32.1 38.1 57.1#

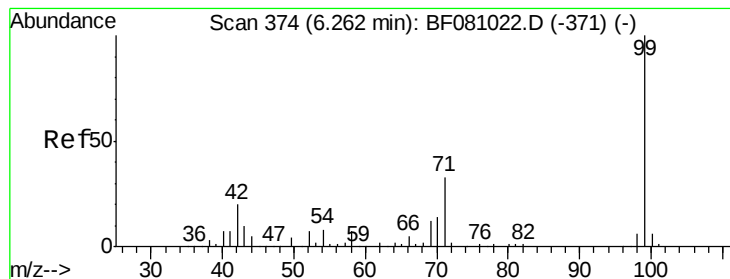


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 83.31 ng

RT: 6.20 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB85151BL

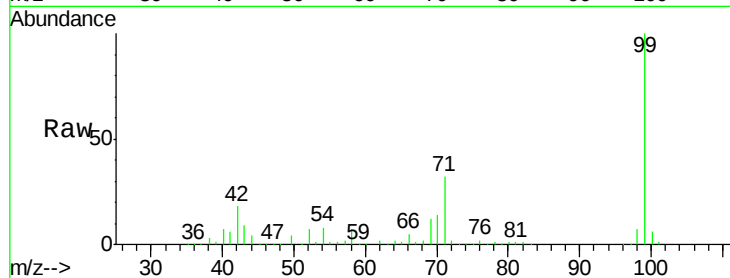
Tgt Ion: 99 Resp: 698613

Ion Ratio Lower Upper

99 100

42 17.8 19.6 29.4#

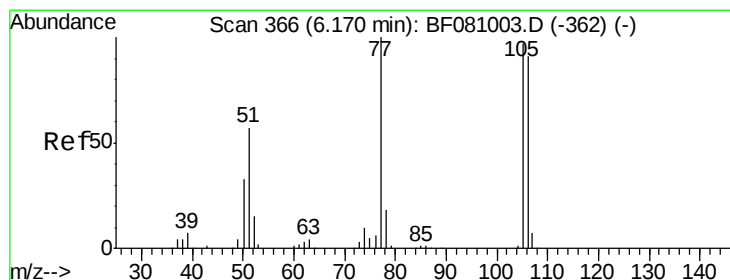
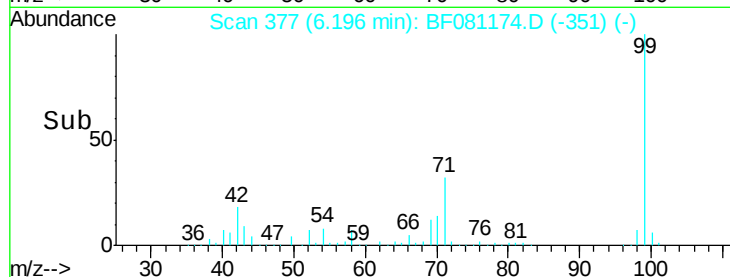
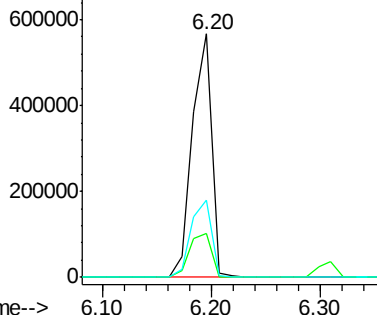
71 32.0 31.2 46.8



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: 2.35 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

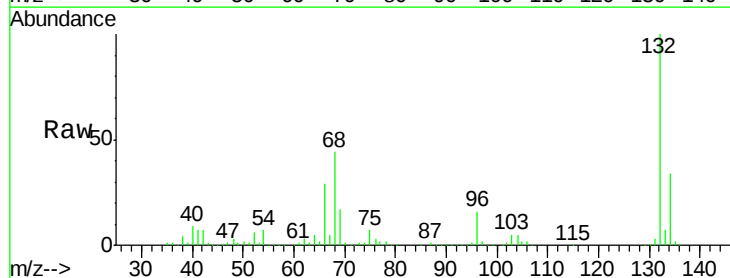
Tgt Ion: 77 Resp: 12704

Ion Ratio Lower Upper

77 100

105 75.0 69.6 109.6

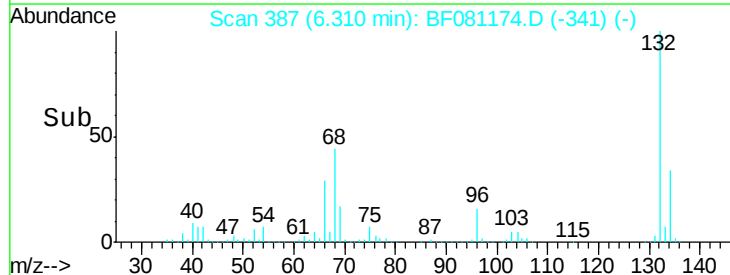
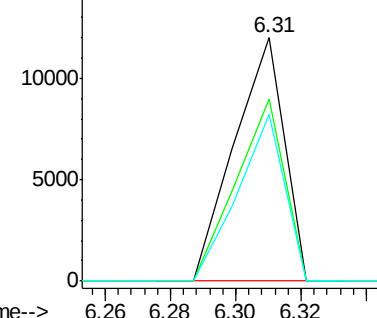
106 68.4 64.0 104.0

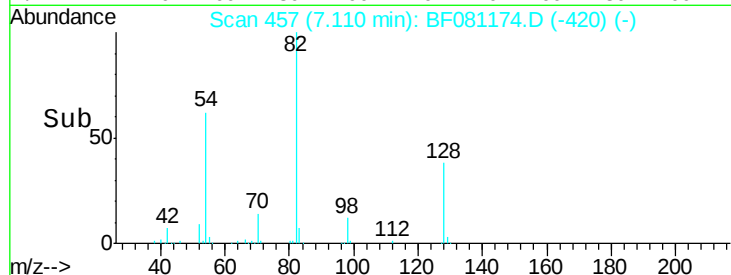
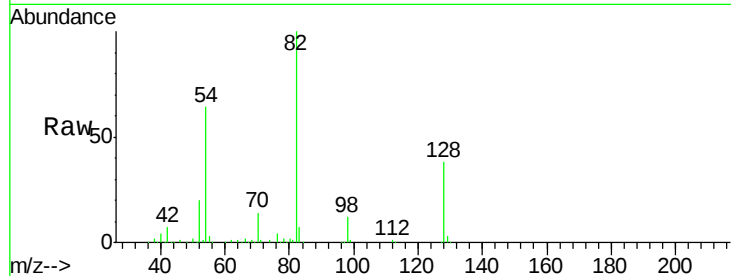
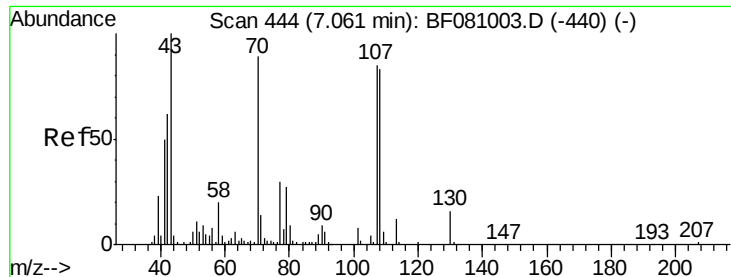


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

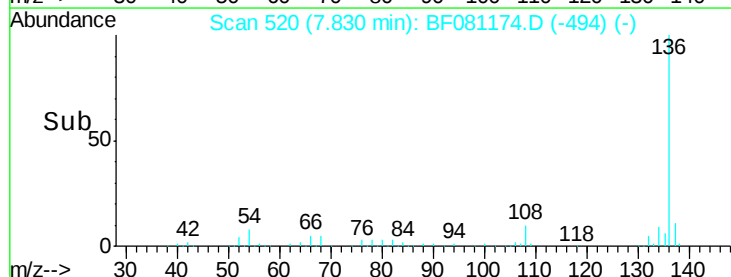
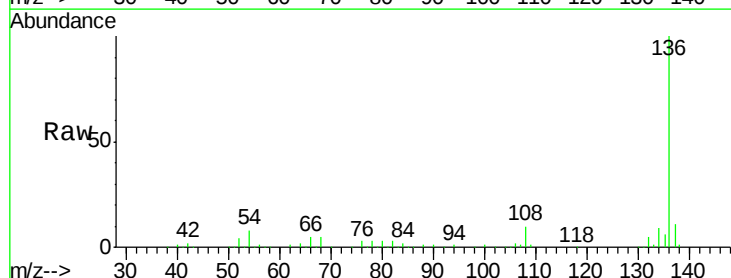
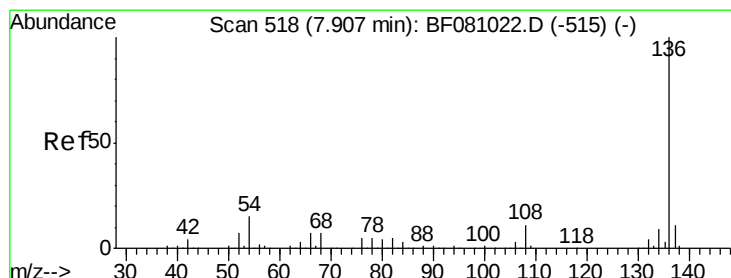
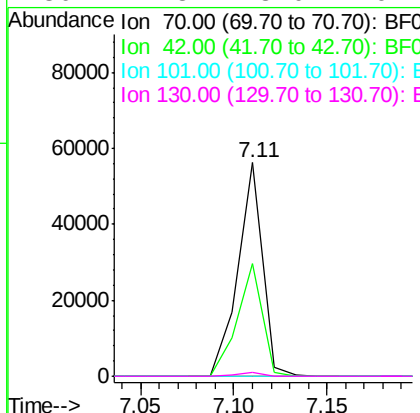




#19
n-Nitroso-di-n-propylamine
Concen: 8.98 ng
RT: 7.11 min Scan# 457
Delta R.T. 0.13 min
Lab File: BF081174.D
Acq: 24 Aug 2015 17:55

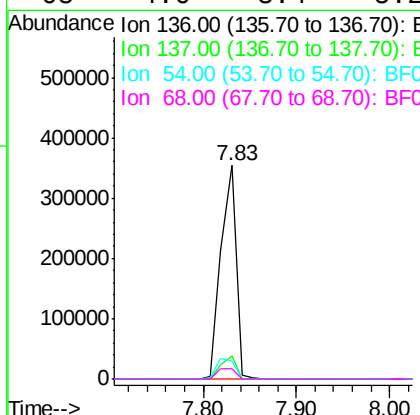
Instrument :
BNA_F
ClientSampleId :
PB85151BL

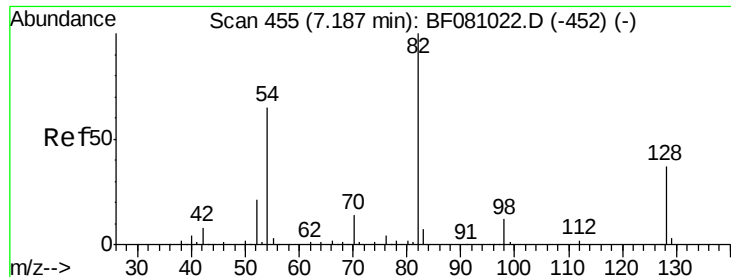
Tgt Ion: 70 Resp: 52152
Ion Ratio Lower Upper
70 100
42 52.8 65.0 97.4#
101 0.0 7.4 11.2#
130 1.8 13.0 19.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 520
Delta R.T. -0.00 min
Lab File: BF081174.D
Acq: 24 Aug 2015 17:55

Tgt Ion: 136 Resp: 400039
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.2 7.7 11.5
68 4.6 3.4 5.2

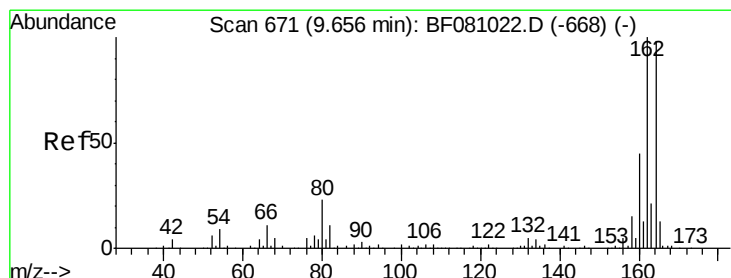
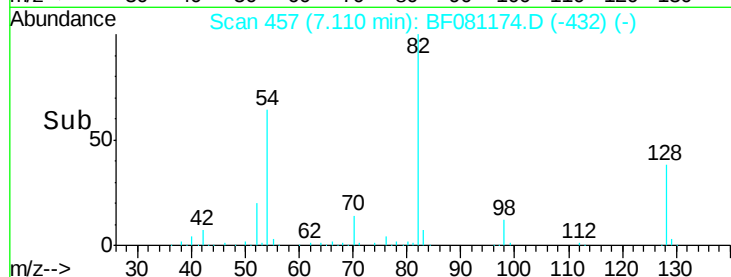
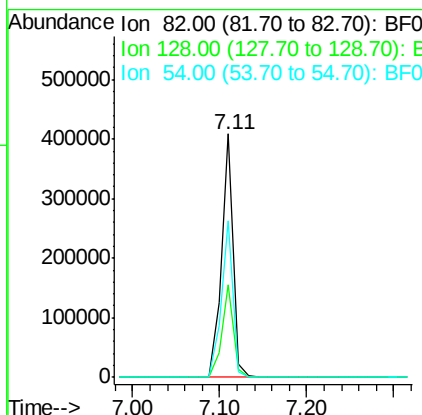
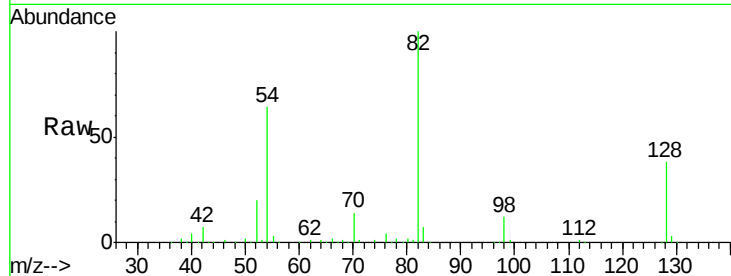




#23
 Nitrobenzene-d5
 Concen: 44.16 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

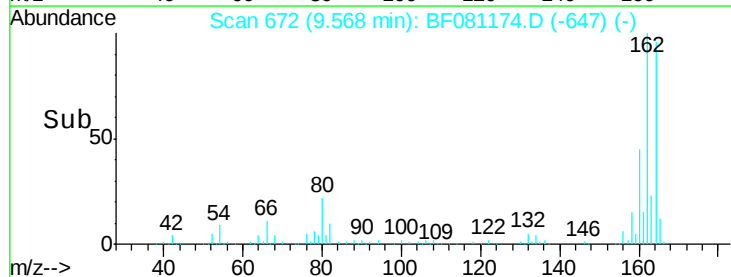
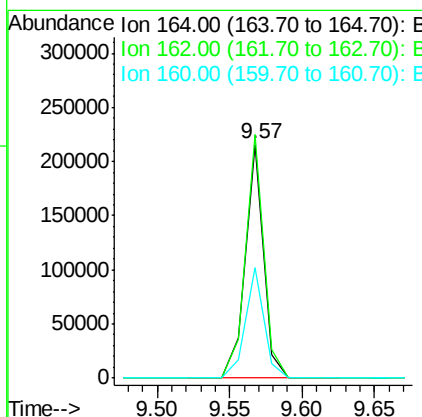
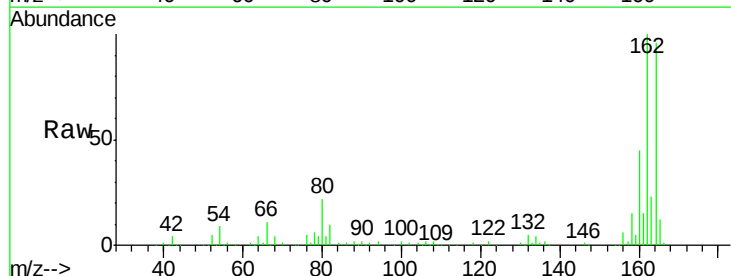
Instrument :
 BNA_F
 ClientSampleID :
 PB85151BL

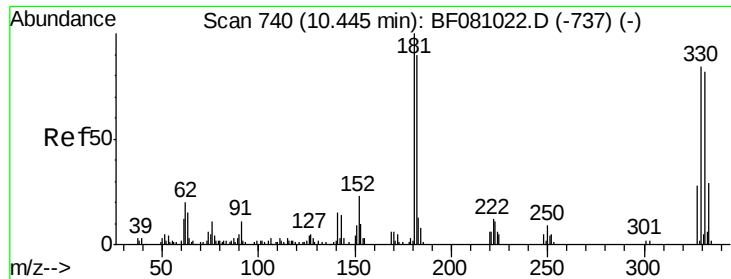
Tgt Ion: 82 Resp: 386686
 Ion Ratio Lower Upper
 82 100
 128 37.8 28.6 42.8
 54 64.4 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

Tgt Ion: 164 Resp: 189381
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.8 125.8
 160 47.1 39.8 59.8

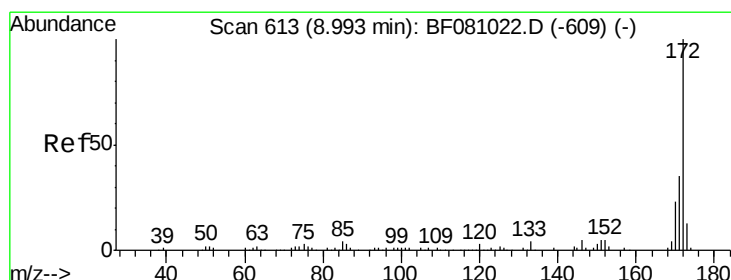
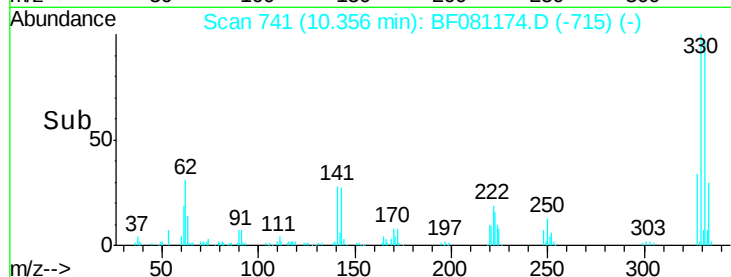
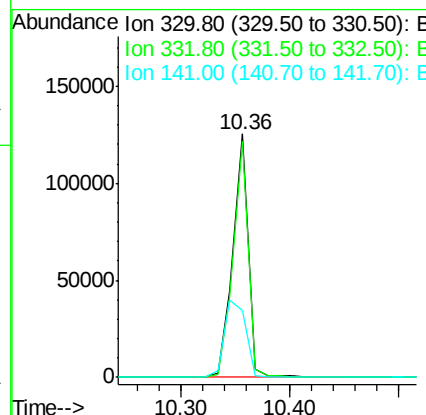
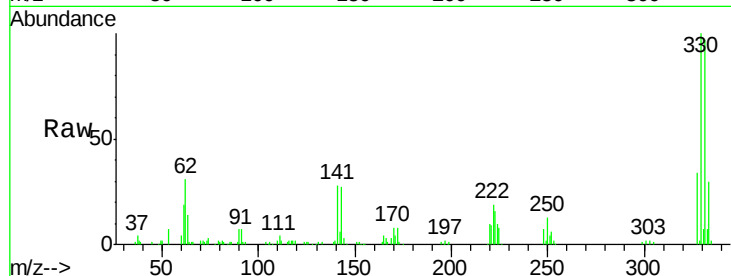




#41
 2,4,6-Tribromophenol
 Concen: 74.81 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

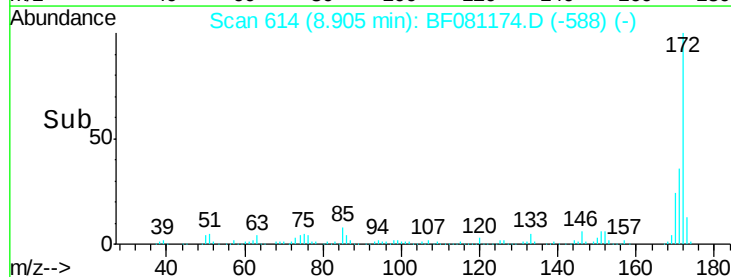
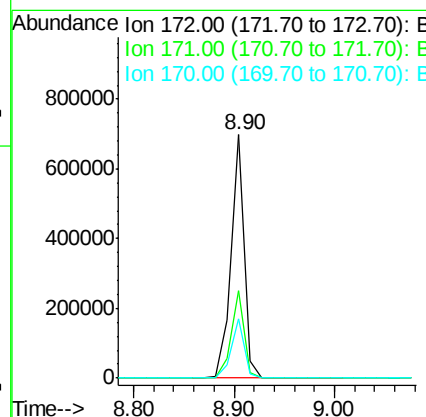
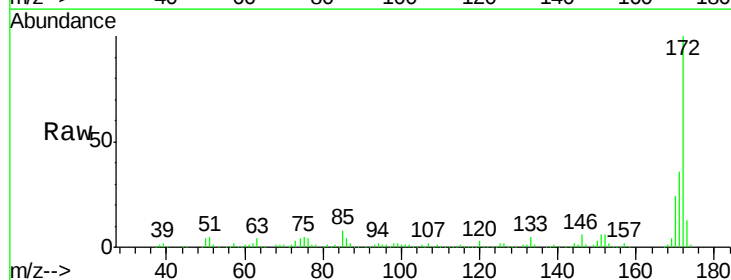
Instrument :
 BNA_F
 ClientSampleId :
 PB85151BL

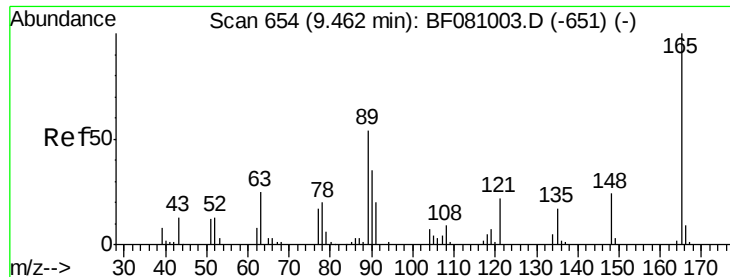
Tgt Ion:330 Resp: 122807
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 44.5 44.9 67.3#



#44
 2-Fluorobiphenyl
 Concen: 43.83 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

Tgt Ion:172 Resp: 633469
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.9 43.3
 170 24.5 19.4 29.2

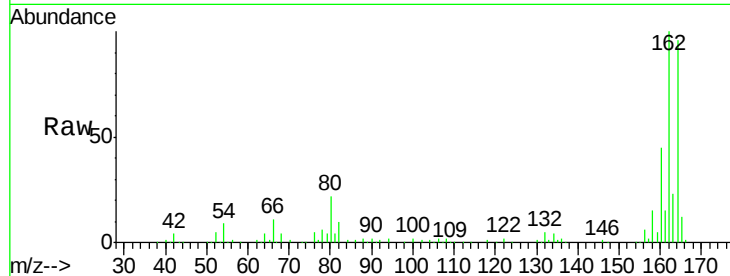




#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.57 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

Instrument :
 BNA_F
 ClientSampleId :
 PB85151BL

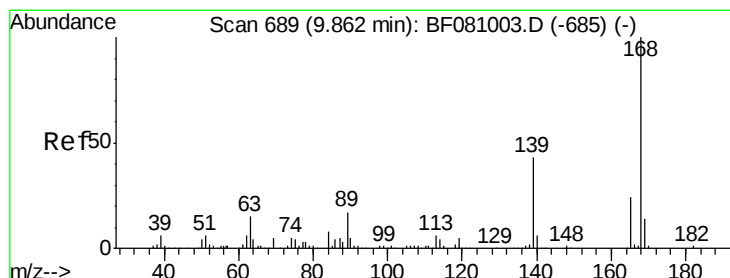
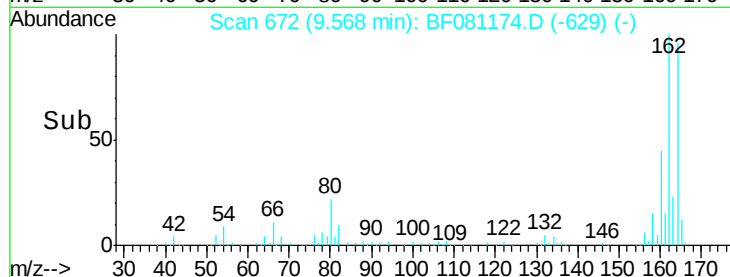
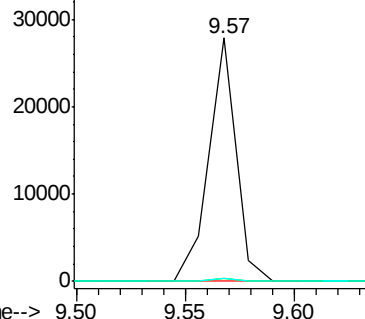
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	49.5	74.3#
89	1.2	47.6	71.4#



Abundance Ion 165.00 (164.70 to 165.70): E

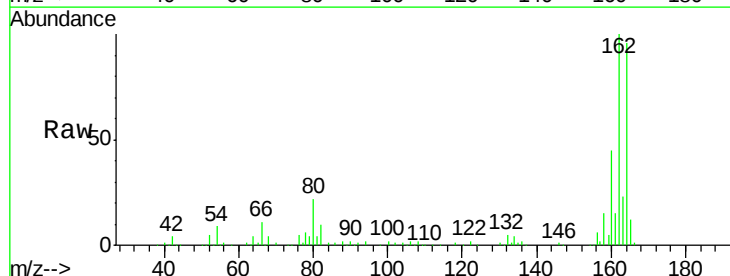
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 5.49 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081174.D
 Acq: 24 Aug 2015 17:55

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	52.2	78.4#
89	1.2	60.1	90.1#
182	0.0	1.8	2.6#

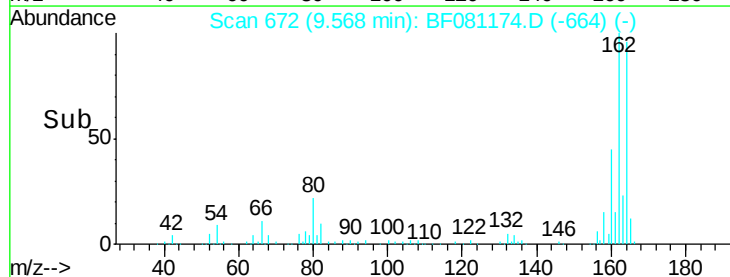
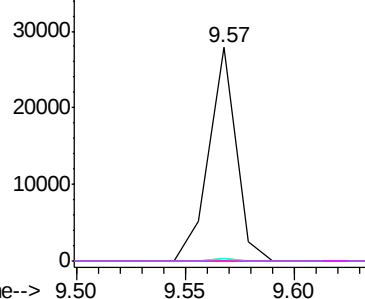


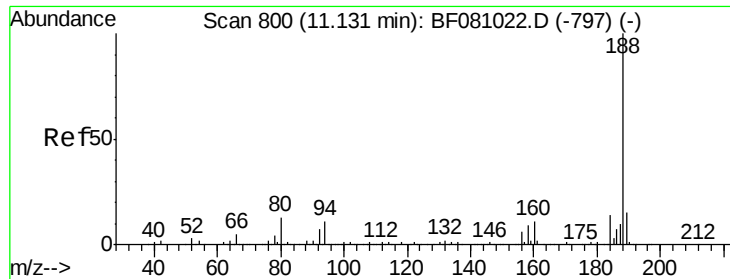
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.04 min Scan# 801

Delta R.T. -0.00 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB85151BL

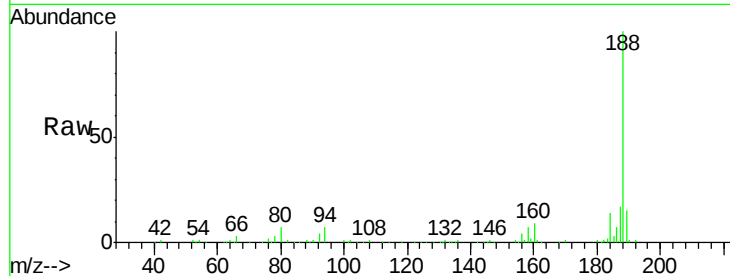
Tgt Ion:188 Resp: 401935

Ion Ratio Lower Upper

188 100

94 6.5 8.2 12.2#

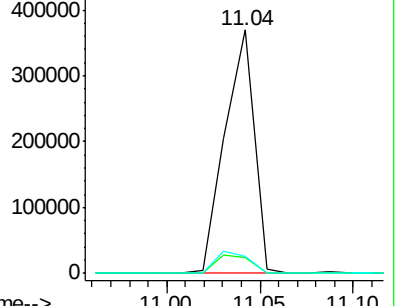
80 7.1 9.5 14.3#



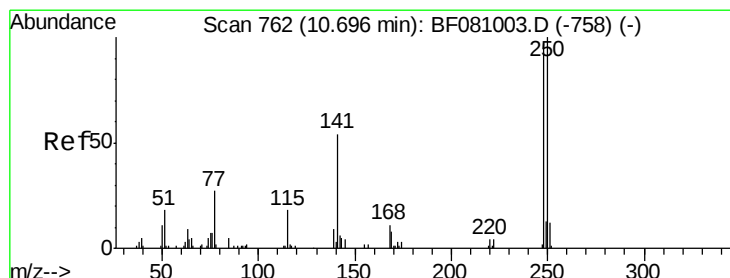
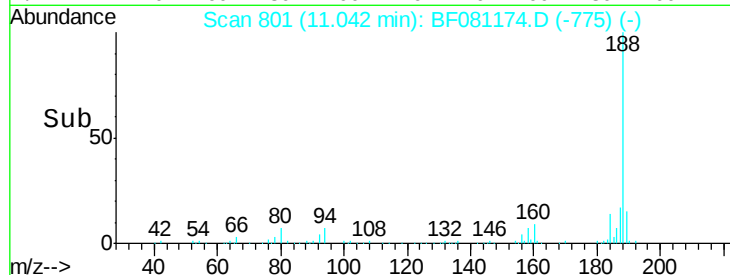
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



Time-->



#66

4-Bromophenyl-phenylether

Concen: 2.34 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.24 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

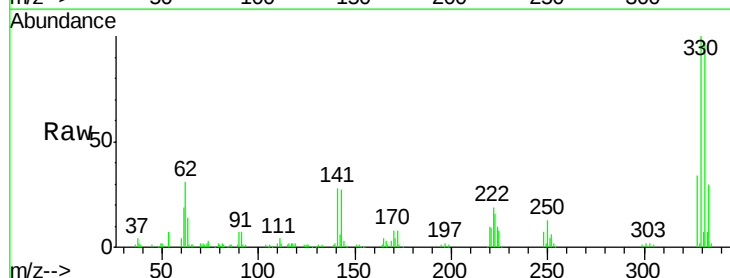
Tgt Ion:248 Resp: 9226

Ion Ratio Lower Upper

248 100

250 196.6 77.8 116.6#

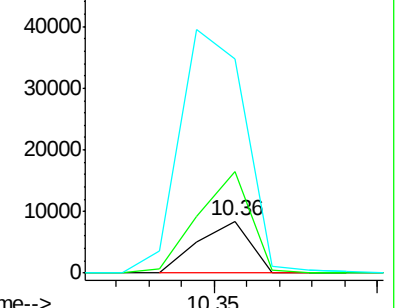
141 414.2 39.8 59.6#



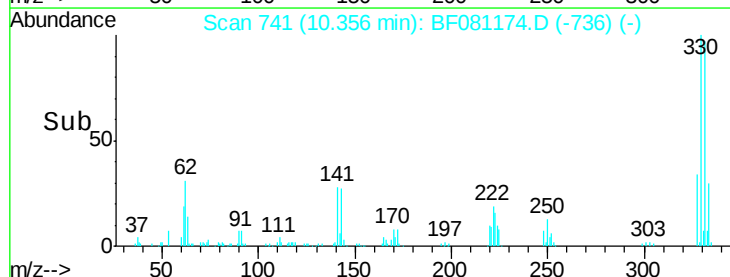
Abundance Ion 248.00 (247.70 to 248.70): E

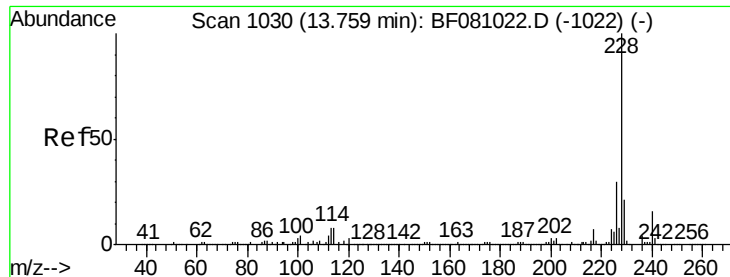
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.65 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

Instrument :

BNA_F

ClientSampleId :

PB85151BL

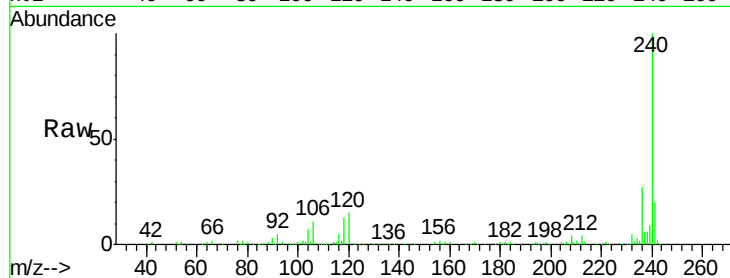
Tgt Ion:240 Resp: 325654

Ion Ratio Lower Upper

240 100

120 15.3 5.6 8.4#

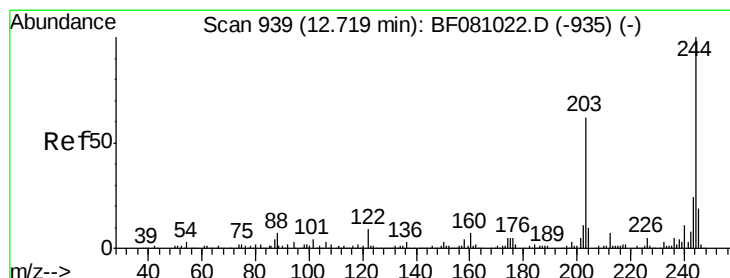
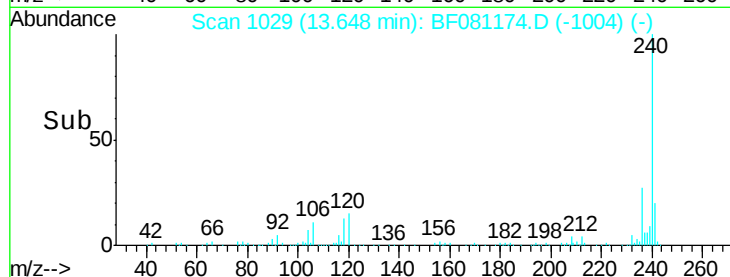
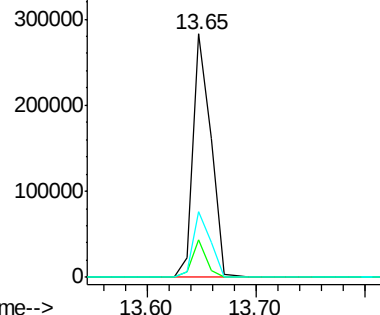
236 27.2 20.6 30.8



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: 41.06 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081174.D

Acq: 24 Aug 2015 17:55

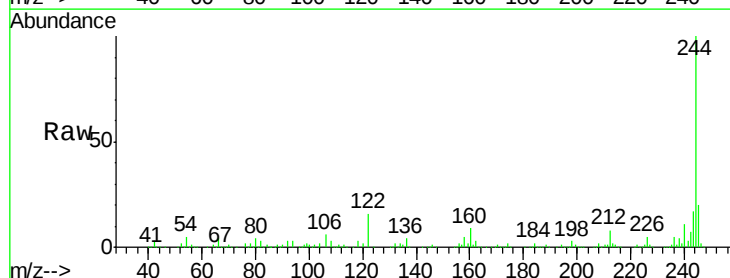
Tgt Ion:244 Resp: 623729

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

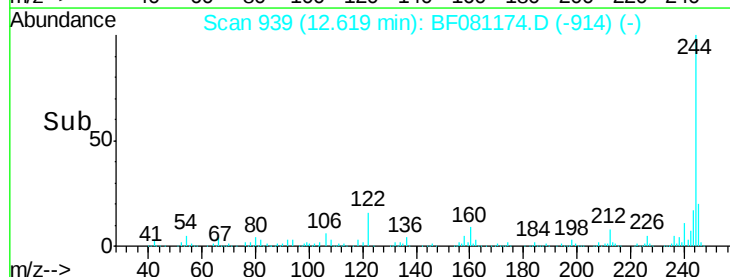
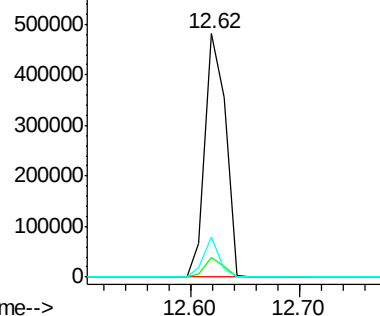
122 16.4 8.2 12.4#

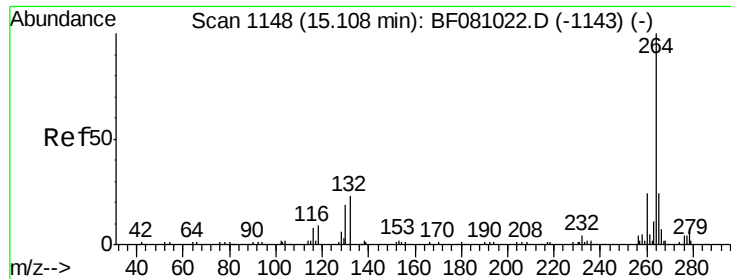


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081174.D
Acq: 24 Aug 2015 17:55

Instrument :
BNA_F
ClientSampleId :
PB85151BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.6	29.4
265	21.7	17.5	26.3

