

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082415\
 Data File : BF081175.D
 Acq On : 24 Aug 2015 18:27
 Operator : UM/IZ
 Sample : PB84980BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Quant Time: Aug 25 11:11:15 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

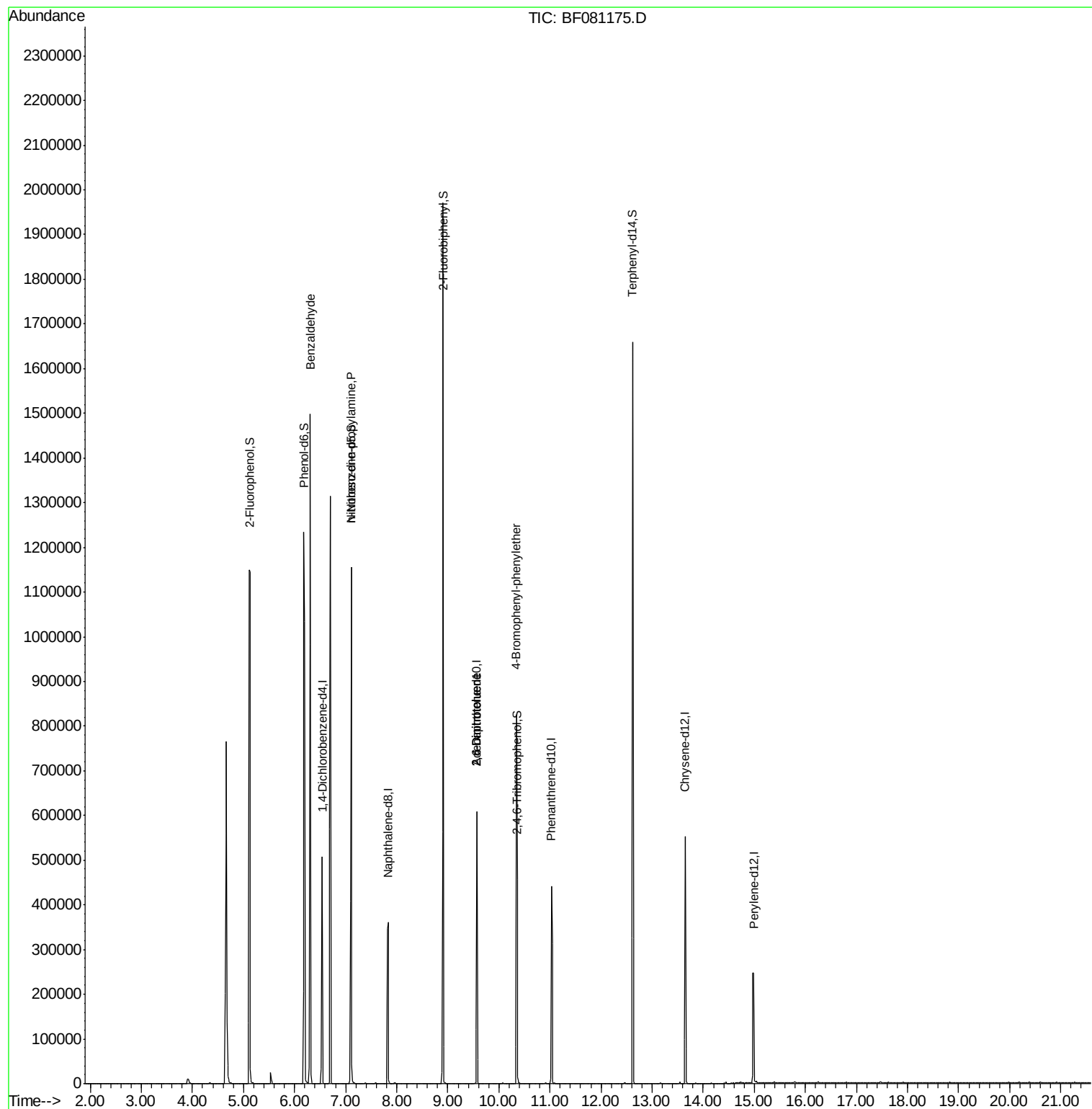
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	64888	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	239924	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	116834	20.00	ng	-0.01
63) Phenanthrene-d10	11.03	188	215878	20.00	ng	-0.01
75) Chrysene-d12	13.65	240	186138	20.00	ng	-0.01
86) Perylene-d12	14.99	264	138525	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	445916	103.36	ng	0.02
7) Phenol-d6	6.18	99	614772	109.22	ng	-0.01
23) Nitrobenzene-d5	7.11	82	375071	71.41	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	102362	101.07	ng	0.00
44) 2-Fluorobiphenyl	8.90	172	593151	66.52	ng	0.00
78) Terphenyl-d14	12.62	244	502351	57.86	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.31	77	11512	3.17	ng	92
19) n-Nitroso-di-n-propylamine	7.11	70	50834	13.04	ng	# 68
50) 2,6-Dinitrotoluene	9.57	165	14303	6.92	ng	# 20
56) 2,4-Dinitrotoluene	9.57	165	14303	5.22	ng	# 16
66) 4-Bromophenyl-phenylether	10.34	248	7147	3.37	ng	# 1

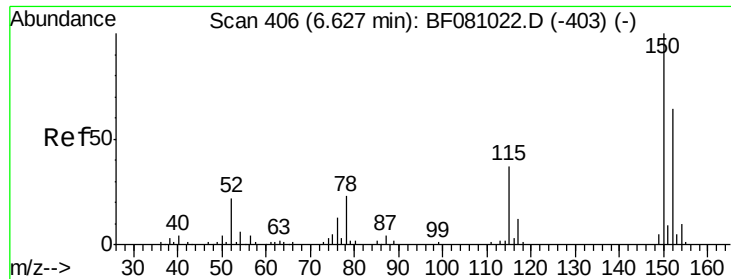
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\Data\BF082415\
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ALS Vial : 15 Sample Multiplier: 1

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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: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

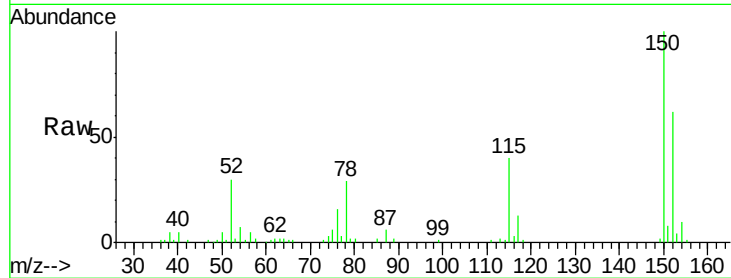
Tgt Ion:152 Resp: 64888

Ion Ratio Lower Upper

152 100

150 162.2 123.8 185.6

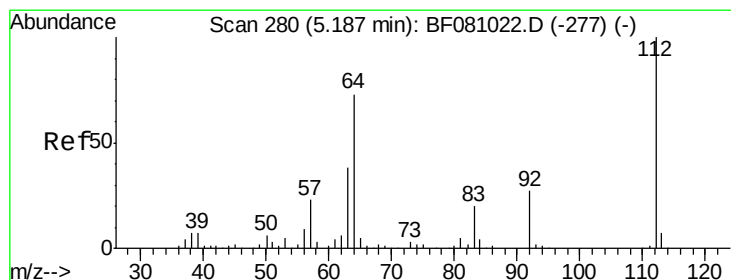
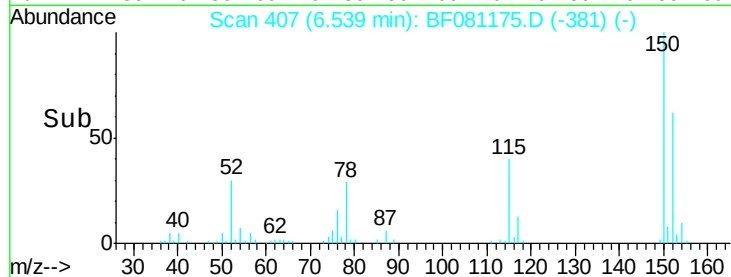
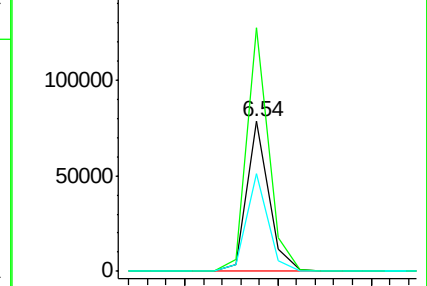
115 64.8 52.1 78.1



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: 103.36 ng

RT: 5.12 min Scan# 283

Delta R.T. 0.02 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

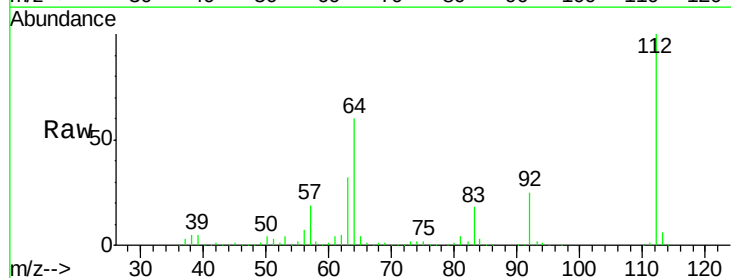
Tgt Ion:112 Resp: 445916

Ion Ratio Lower Upper

112 100

64 59.5 66.9 100.3#

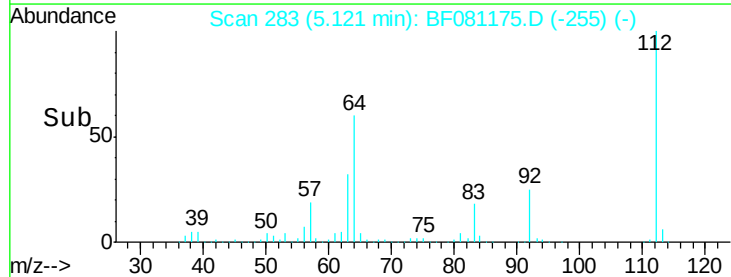
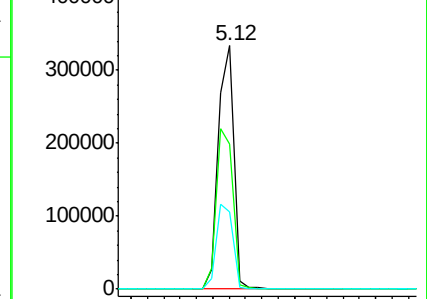
63 31.7 38.1 57.1#

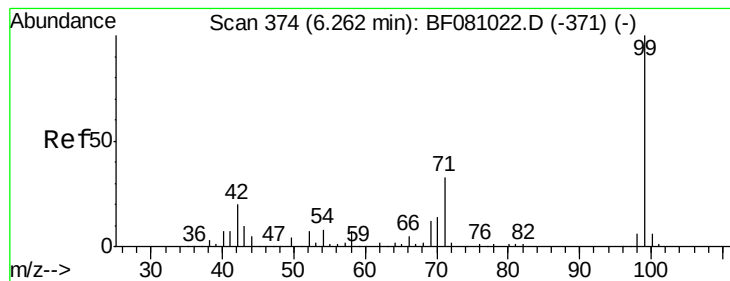


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 109.22 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

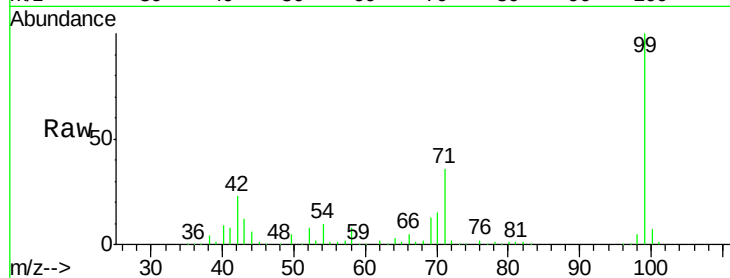
Tgt Ion: 99 Resp: 614772

Ion Ratio Lower Upper

99 100

42 23.2 19.6 29.4

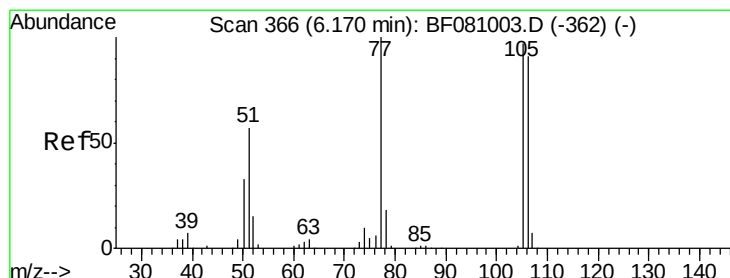
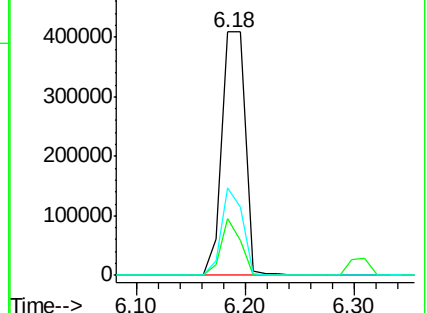
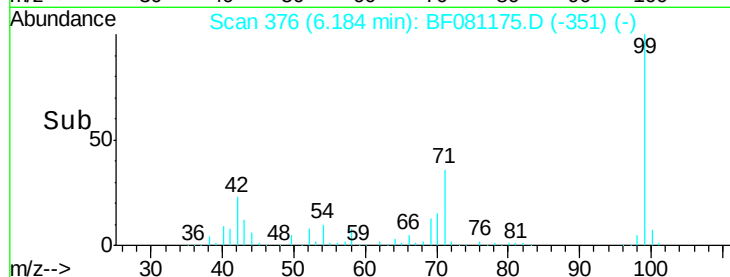
71 36.1 31.2 46.8



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: 3.17 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.23 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

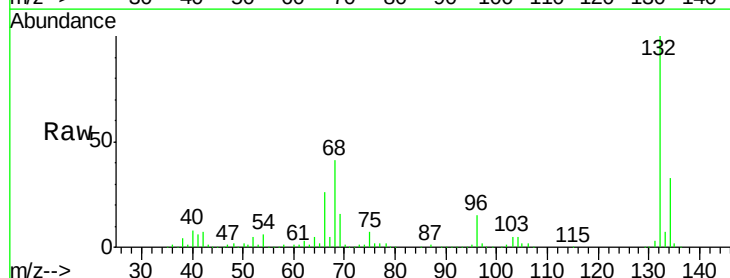
Tgt Ion: 77 Resp: 11512

Ion Ratio Lower Upper

77 100

105 84.6 69.6 109.6

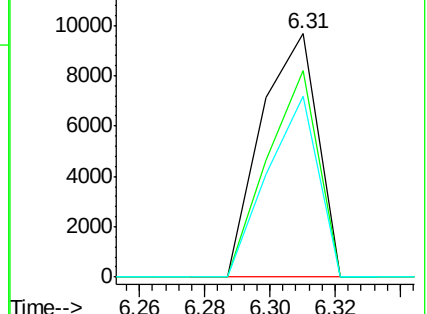
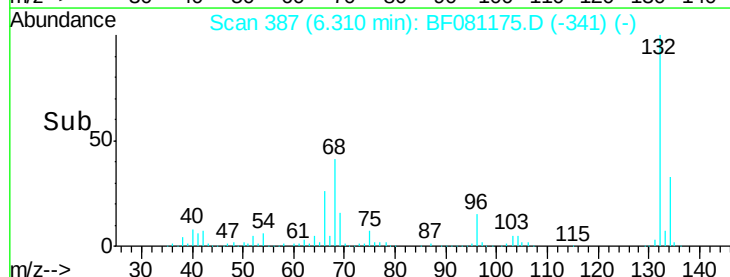
106 74.2 64.0 104.0

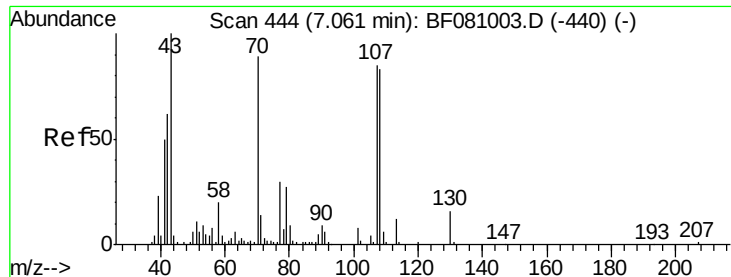


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.04 ng

RT: 7.11 min Scan# 457

Delta R.T. 0.13 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

Tgt Ion: 70 Resp: 50834

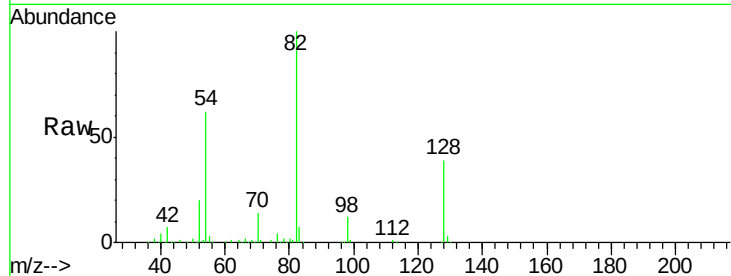
Ion Ratio Lower Upper

70 100

42 51.9 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

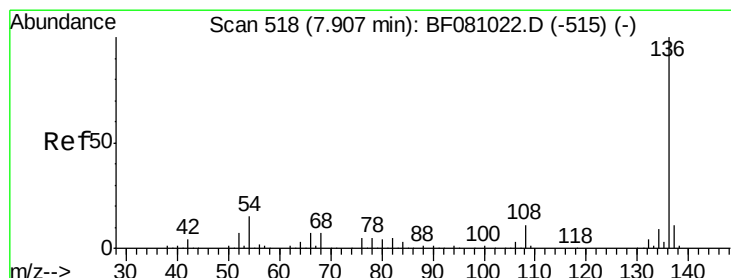
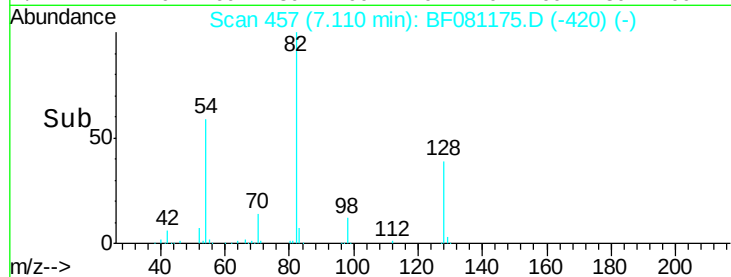
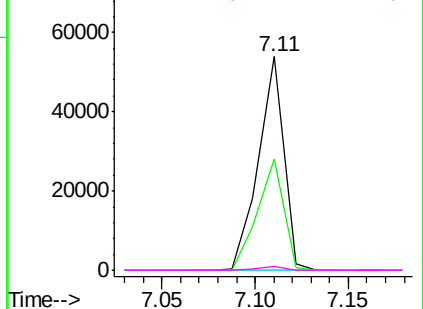


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 520

Delta R.T. -0.00 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

Tgt Ion: 136 Resp: 239924

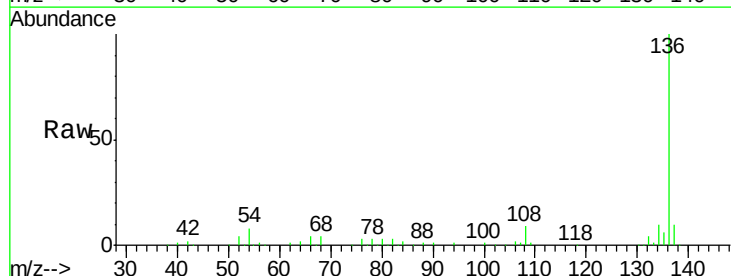
Ion Ratio Lower Upper

136 100

137 10.2 8.2 12.2

54 7.9 7.7 11.5

68 4.4 3.4 5.2

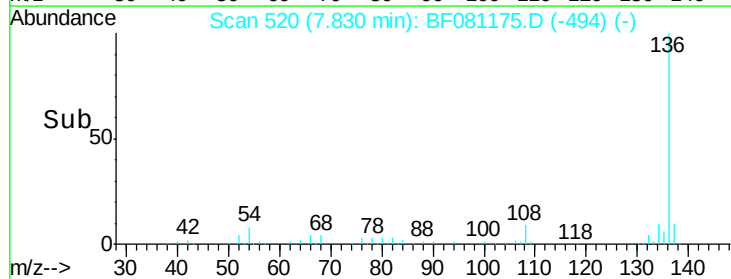
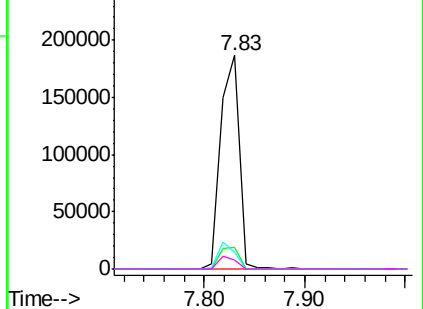


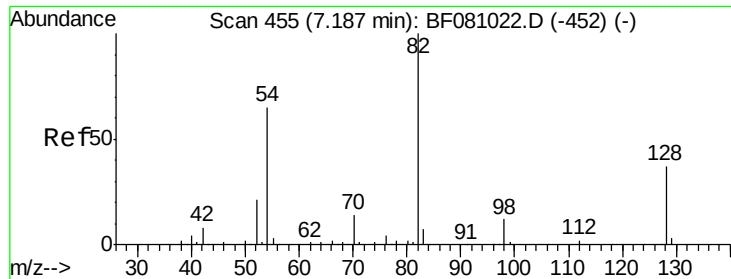
Abundance Ion 136.00 (135.70 to 136.70): E

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

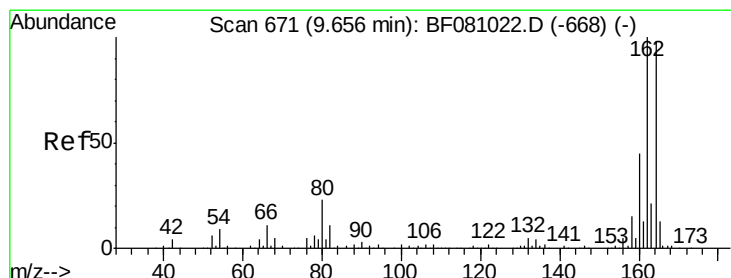
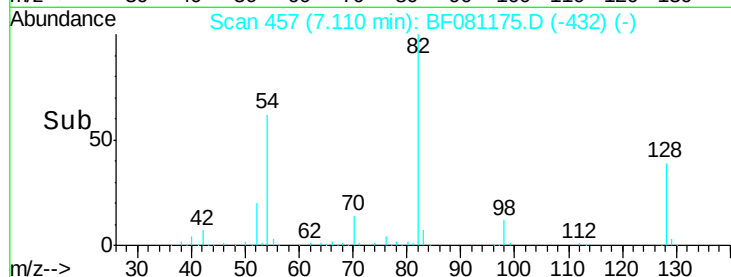
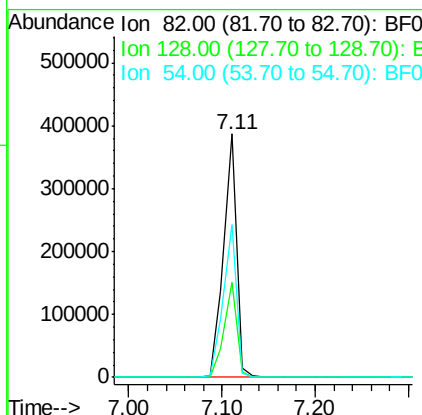
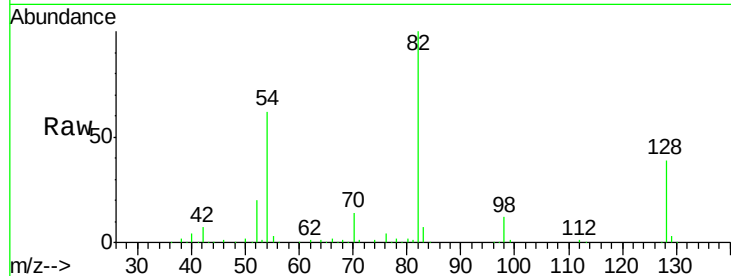




#23
 Nitrobenzene-d5
 Concen: 71.41 ng
 RT: 7.11 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

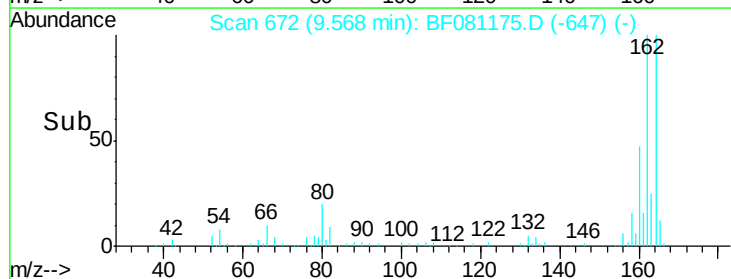
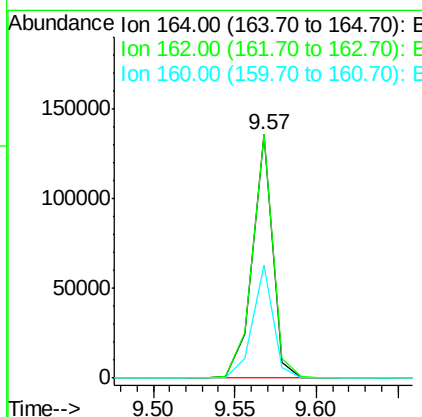
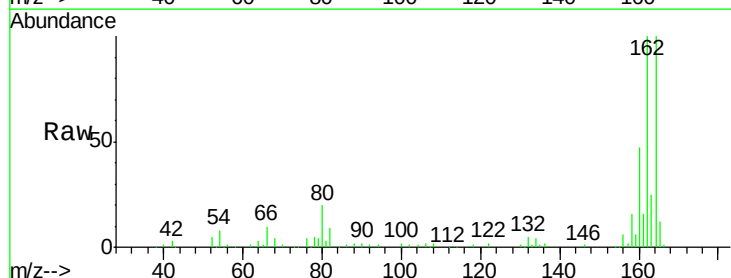
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

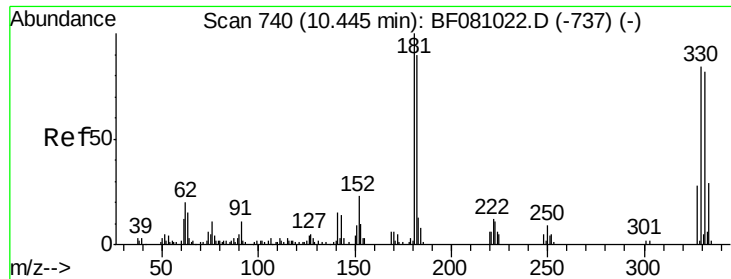
Tgt Ion: 82 Resp: 375071
 Ion Ratio Lower Upper
 82 100
 128 38.9 28.6 42.8
 54 62.5 55.1 82.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.01 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion: 164 Resp: 116834
 Ion Ratio Lower Upper
 164 100
 162 100.1 83.8 125.8
 160 46.6 39.8 59.8

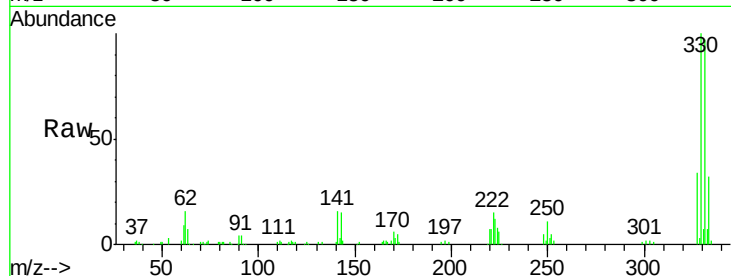




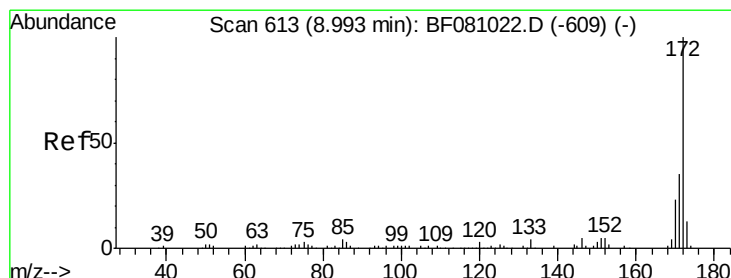
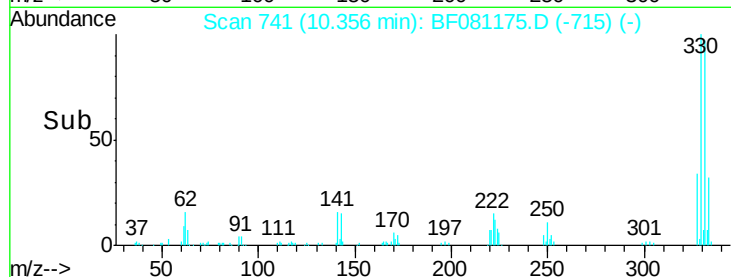
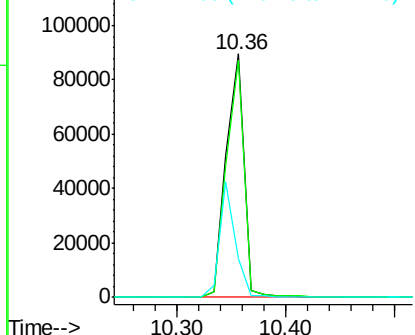
#41
 2,4,6-Tribromophenol
 Concen: 101.07 ng
 RT: 10.36 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

Tgt Ion:330 Resp: 102362
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 42.2 44.9 67.3#

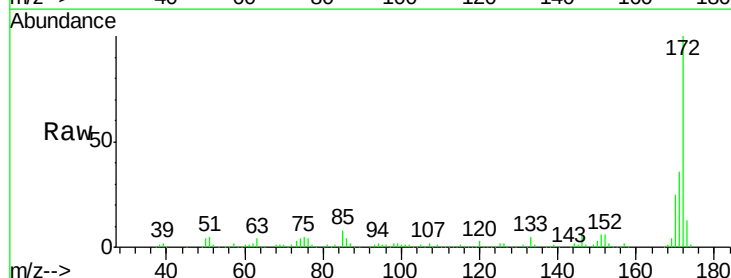


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

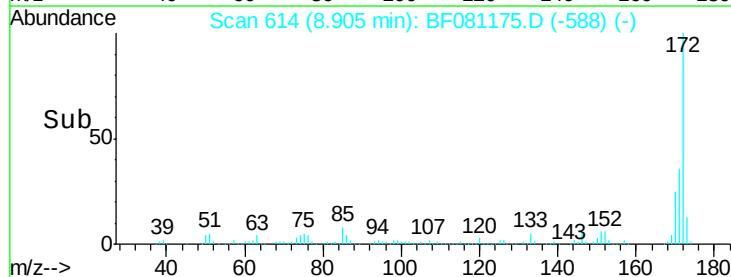
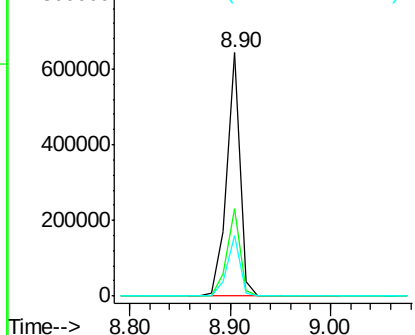


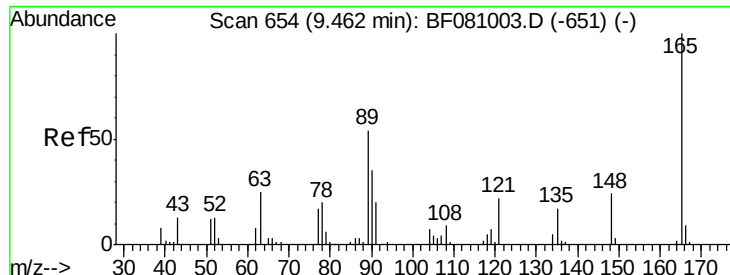
#44
 2-Fluorobiphenyl
 Concen: 66.52 ng
 RT: 8.90 min Scan# 614
 Delta R.T. -0.00 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion:172 Resp: 593151
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 24.7 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

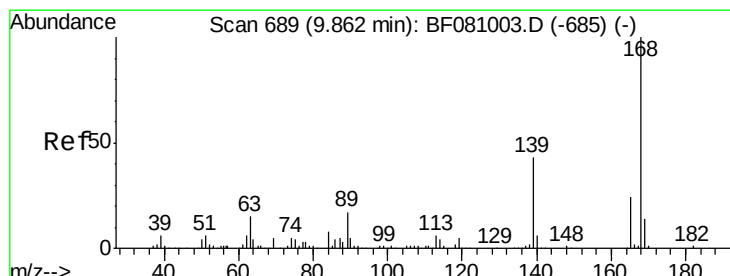
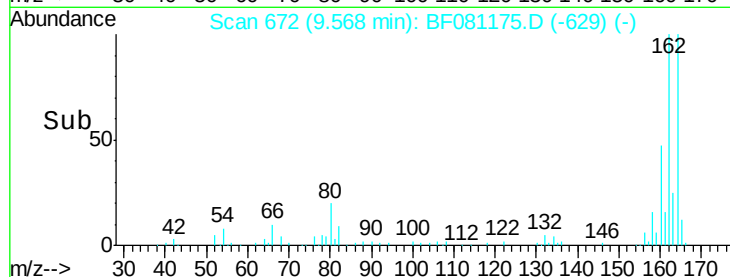
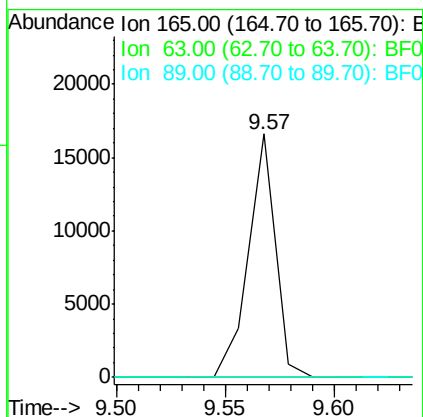
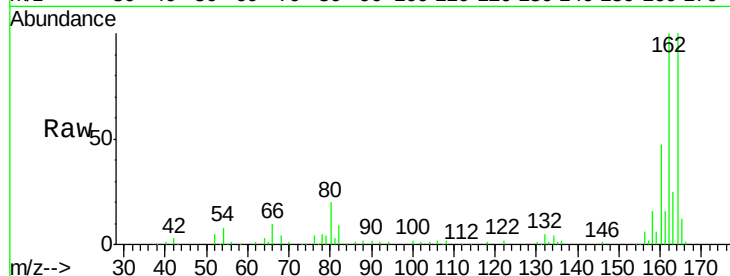




#50
 2,6-Dinitrotoluene
 Concen: 6.92 ng
 RT: 9.57 min Scan# 672
 Delta R.T. 0.19 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

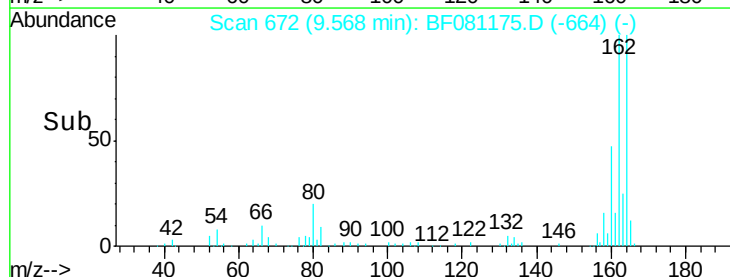
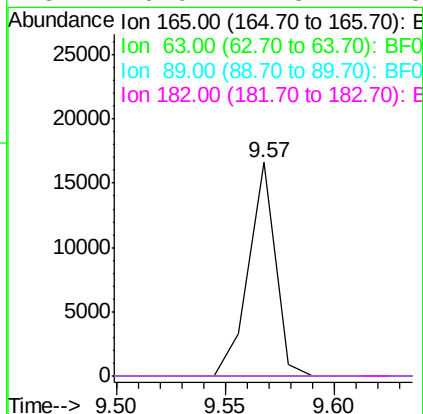
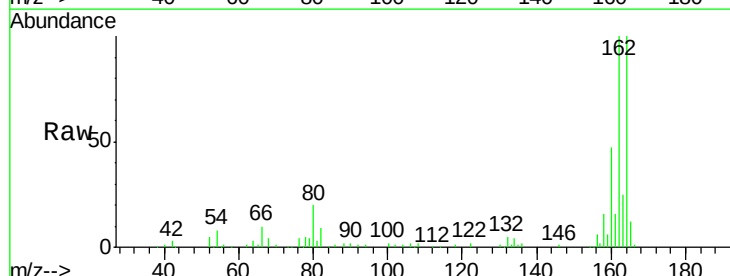
Instrument :
 BNA_F
 ClientSampleId :
 PB84980BL

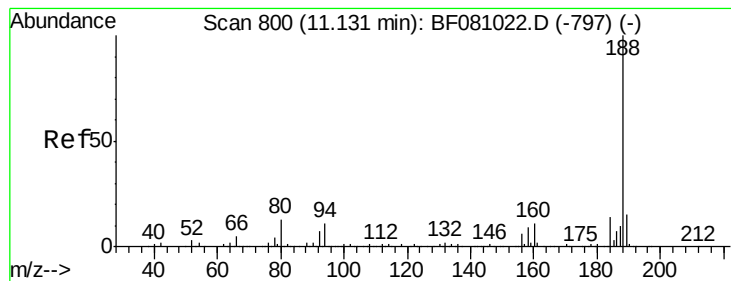
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



#56
 2,4-Dinitrotoluene
 Concen: 5.22 ng
 RT: 9.57 min Scan# 672
 Delta R.T. -0.21 min
 Lab File: BF081175.D
 Acq: 24 Aug 2015 18:27

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	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: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

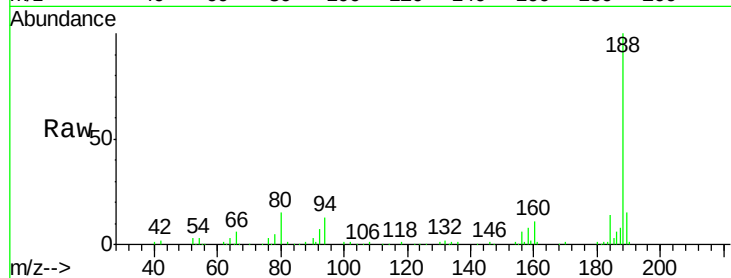
Tgt Ion:188 Resp: 215878

Ion Ratio Lower Upper

188 100

94 13.3 8.2 12.2#

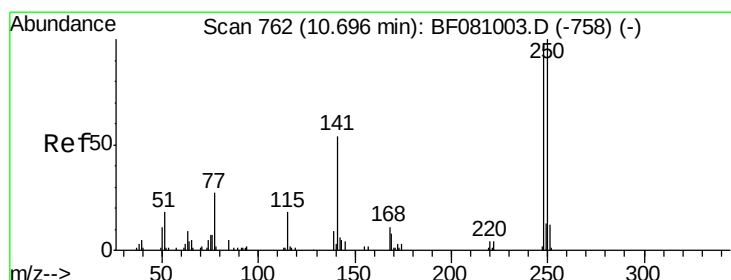
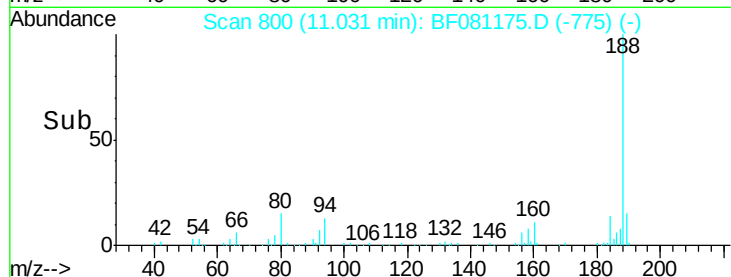
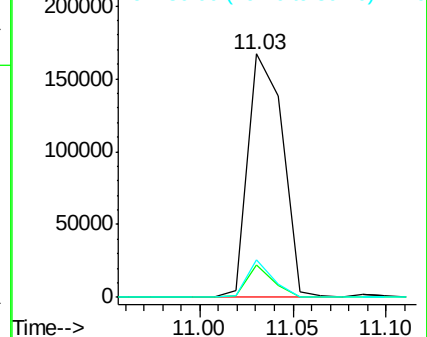
80 15.3 9.5 14.3#



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: 3.37 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.25 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

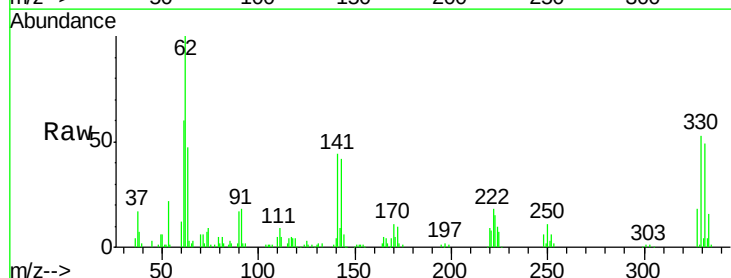
Tgt Ion:248 Resp: 7147

Ion Ratio Lower Upper

248 100

250 189.3 77.8 116.6#

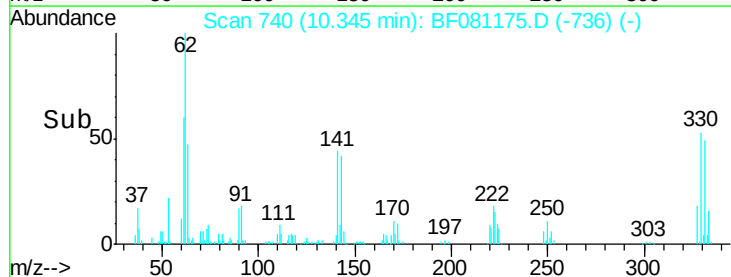
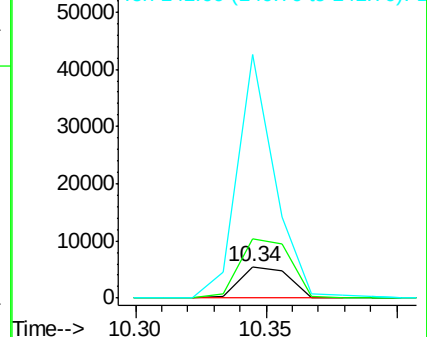
141 779.9 39.8 59.6#

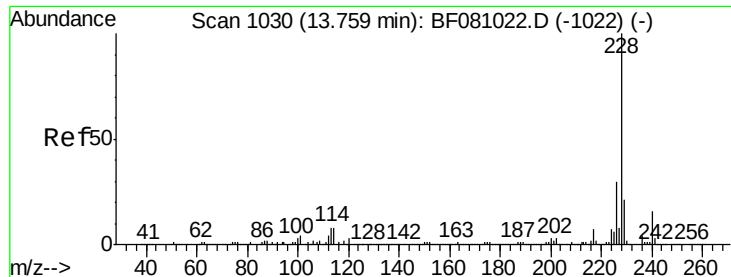


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF081175.D

Acq: 24 Aug 2015 18:27

Instrument :

BNA_F

ClientSampleId :

PB84980BL

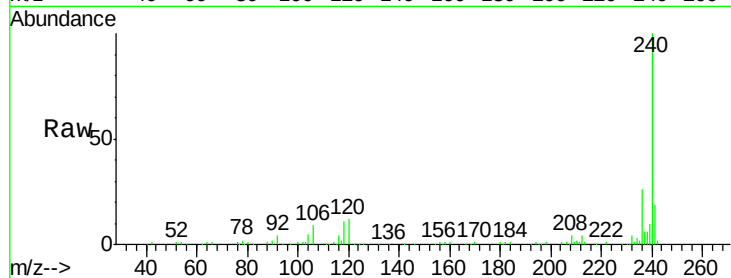
Tgt Ion:240 Resp: 186138

Ion Ratio Lower Upper

240 100

120 12.1 5.6 8.4#

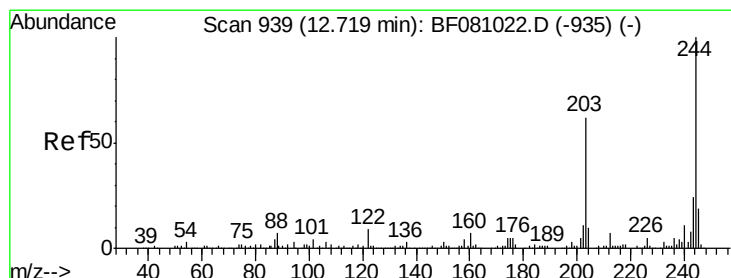
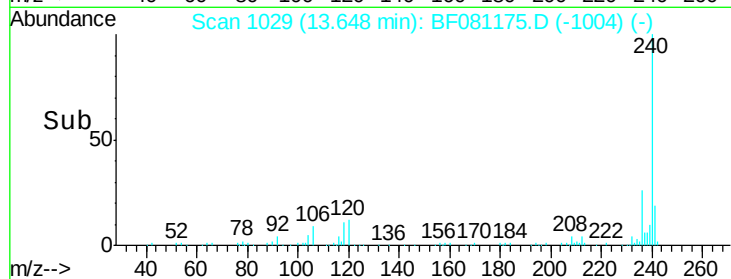
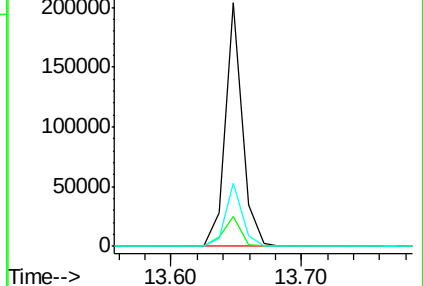
236 25.9 20.6 30.8



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: 57.86 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081175.D

Acq: 24 Aug 2015 18:27

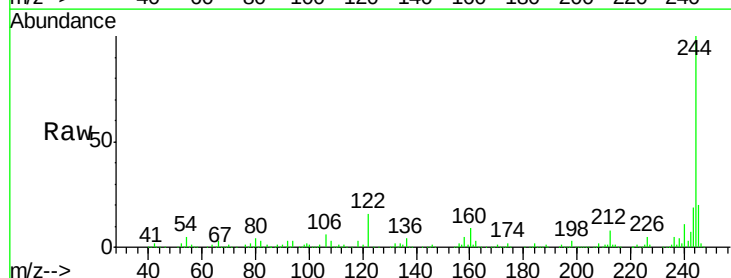
Tgt Ion:244 Resp: 502351

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

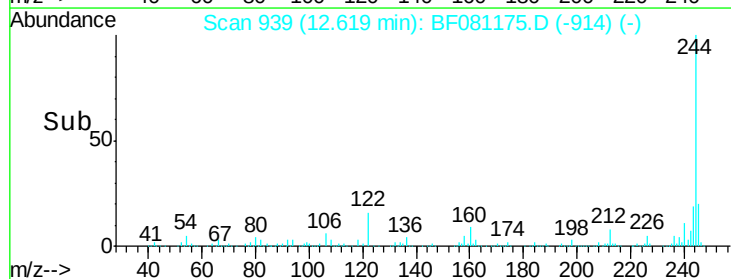
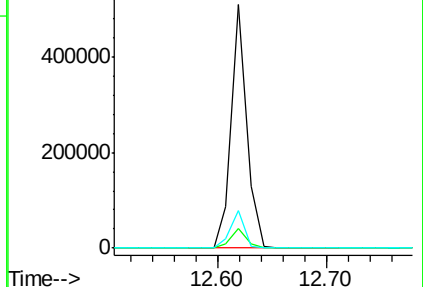
122 15.5 8.2 12.4#

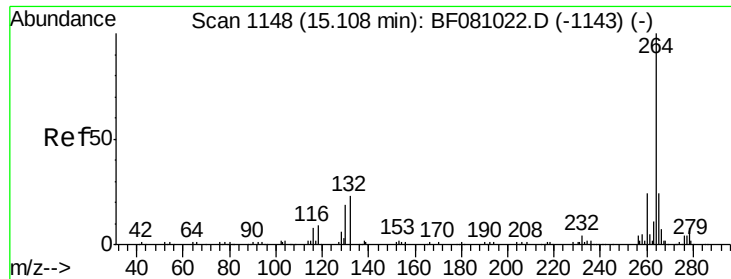


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081175.D
Acq: 24 Aug 2015 18:27

Instrument :
BNA_F
ClientSampleId :
PB84980BL

Tgt Ion:	264	Resp:	138525
Ion Ratio		Lower	Upper
264	100		
260	23.4	19.6	29.4
265	19.6	17.5	26.3

