

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081137.D
 Acq On : 20 Aug 2015 21:44
 Operator : UM/IZ
 Sample : PB85121BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BL

Quant Time: Aug 21 01:38:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 20 11:22:13 2015
 Response via : Initial Calibration

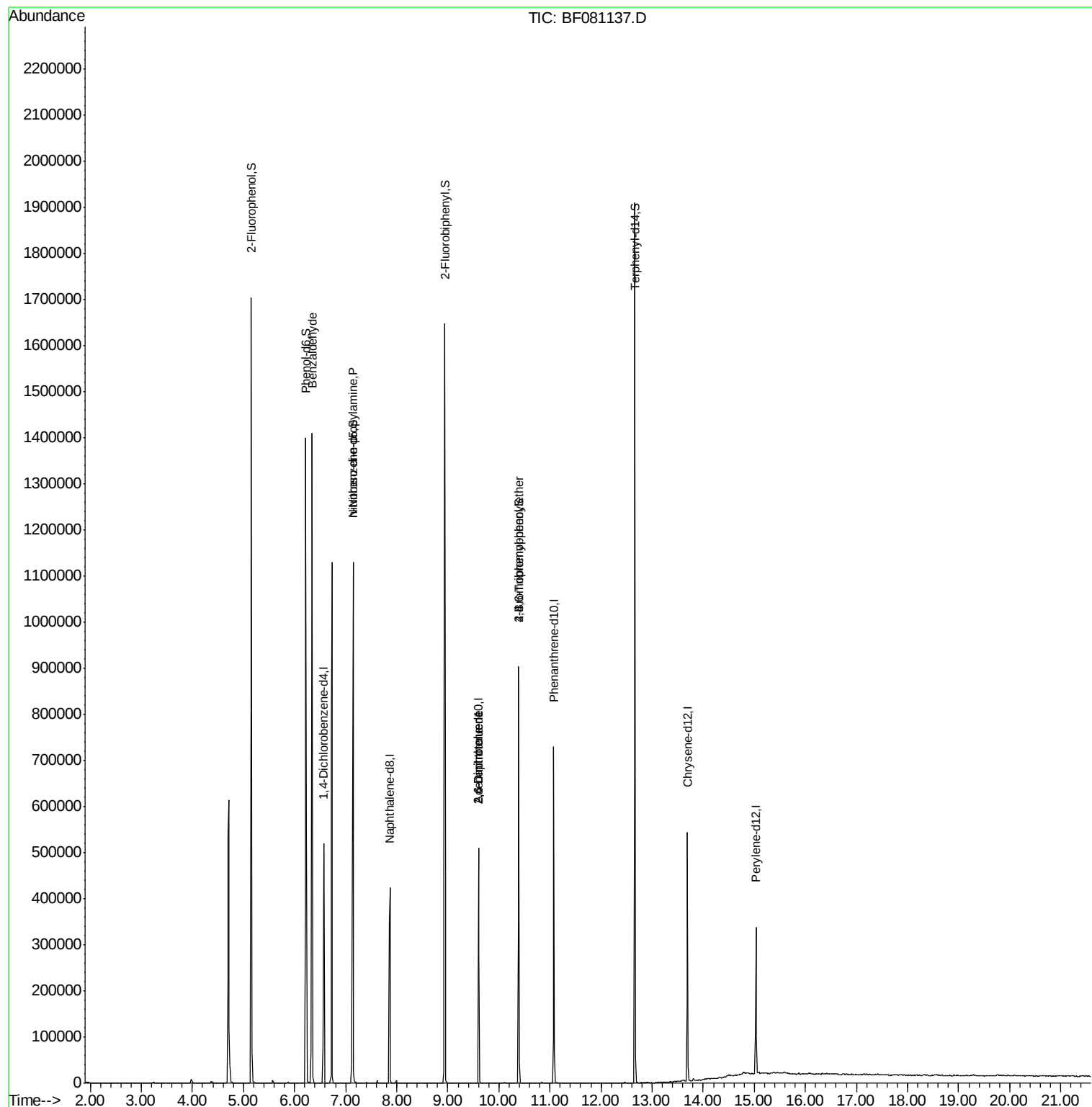
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	69559	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	264922	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	120807	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	242269	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	187173	20.00	ng	-0.01
86) Perylene-d12	15.03	264	121494	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	450836	97.49	ng	0.01
7) Phenol-d6	6.22	99	563931	93.46	ng	-0.01
23) Nitrobenzene-d5	7.14	82	398882	68.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	82627	78.90	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	591093	64.11	ng	-0.02
78) Terphenyl-d14	12.67	244	577432	66.14	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.34	77	11912	3.06	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.14	70	54477	13.03	ng	# 69
50) 2,6-Dinitrotoluene	9.60	165	15171	7.10	ng	# 20
56) 2,4-Dinitrotoluene	9.60	165	15171	5.36	ng	# 16
66) 4-Bromophenyl-phenylether	10.39	248	6961	2.92	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: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Instrument :

BNA_F

ClientSampleId :

PB85121BL

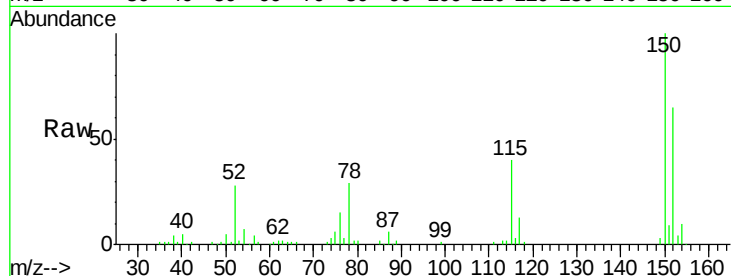
Tot Ion:152 Resp: 69559

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

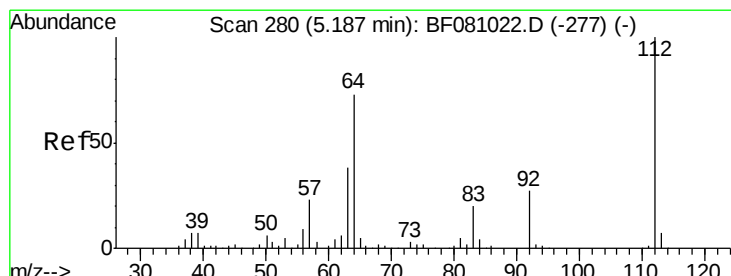
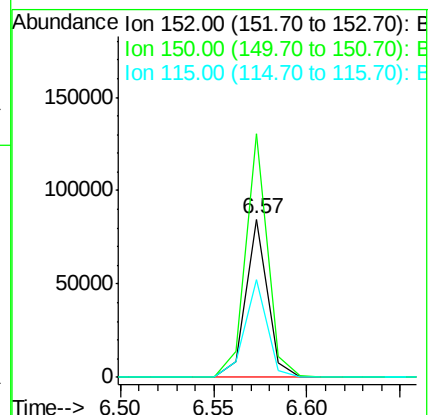
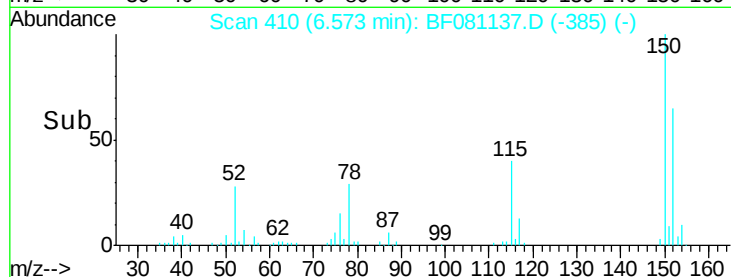
115 61.5 52.1 78.1



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: 97.49 ng

RT: 5.16 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

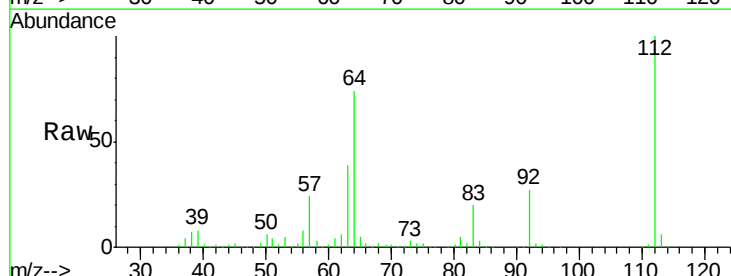
Tgt Ion:112 Resp: 450836

Ion Ratio Lower Upper

112 100

64 73.6 66.9 100.3

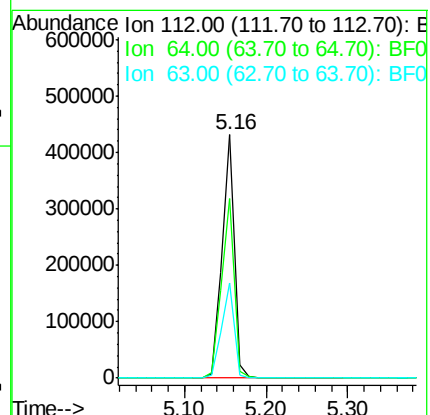
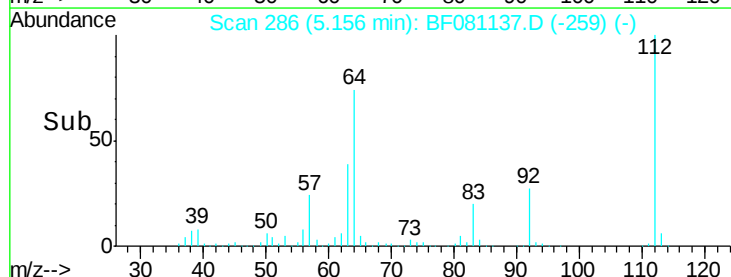
63 39.3 38.1 57.1



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: 93.46 ng

RT: 6.22 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Instrument :

BNA_F

ClientSampleId :

PB85121BL

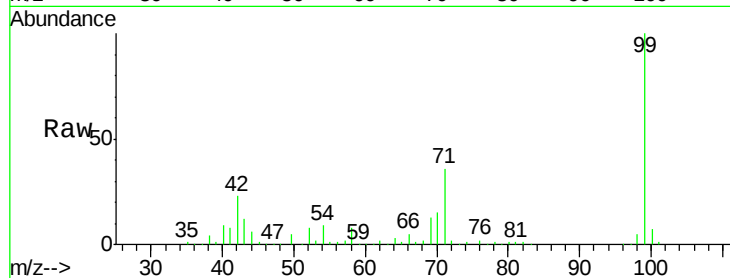
Tot Ion: 99 Resp: 563931

Ion Ratio Lower Upper

99 100

42 23.5 19.6 29.4

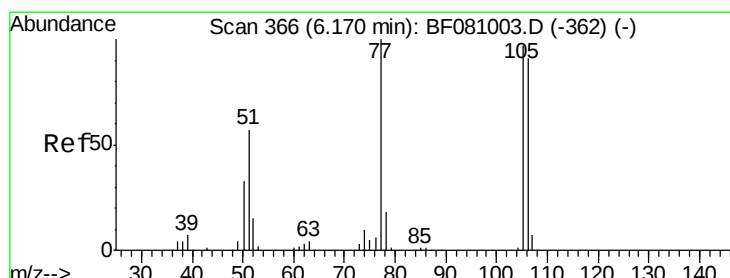
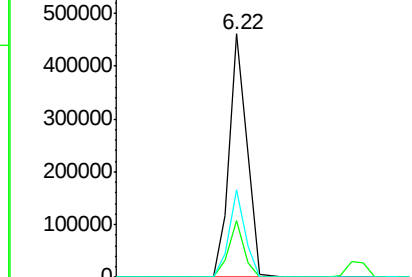
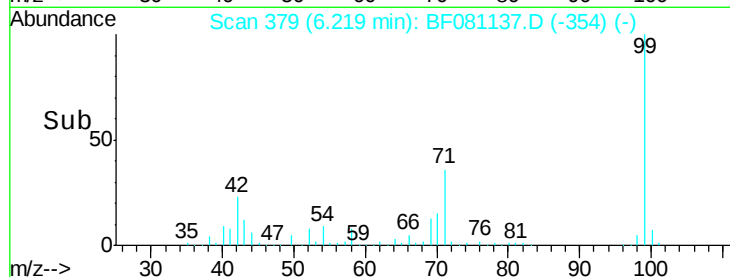
71 36.2 31.2 46.8



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: 3.06 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

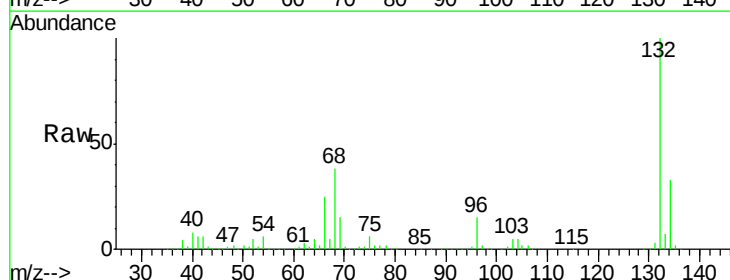
Tgt Ion: 77 Resp: 11912

Ion Ratio Lower Upper

77 100

105 82.3 69.6 109.6

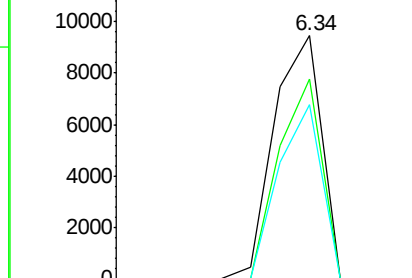
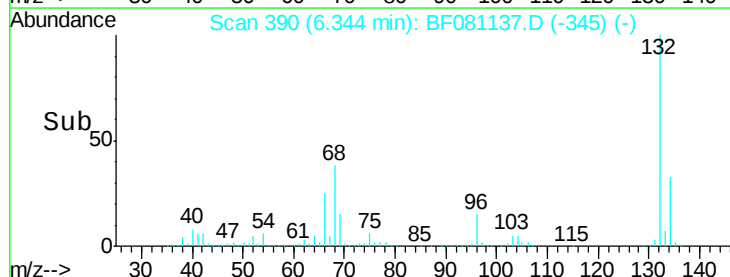
106 71.6 64.0 104.0

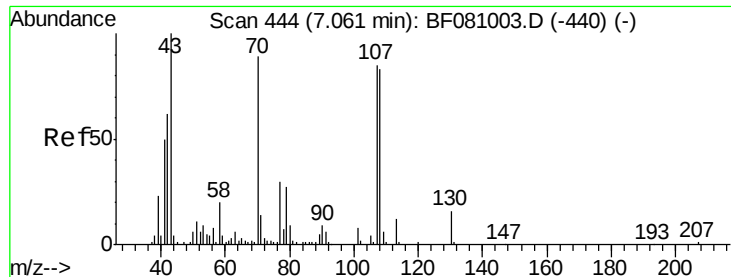


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

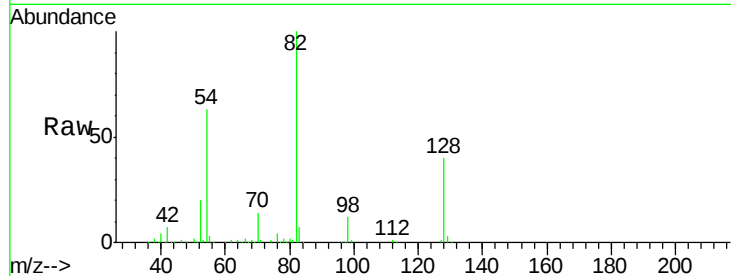




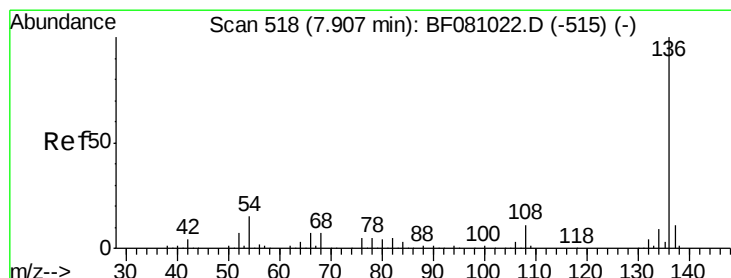
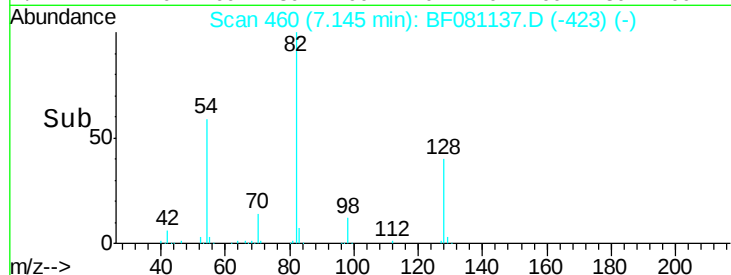
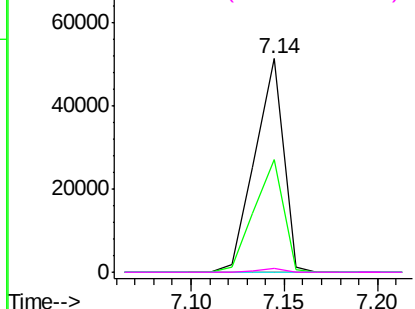
#19
n-Nitroso-di-n-propylamine
Concen: 13.03 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF081137.D
Acq: 20 Aug 2015 21:44

Instrument :
BNA_F
ClientSampleId :
PB85121BL

Tot Ion: 70 Resp: 54477
Ion Ratio Lower Upper
70 100
42 53.0 65.0 97.4#
101 0.0 7.4 11.2#
130 2.1 13.0 19.4#

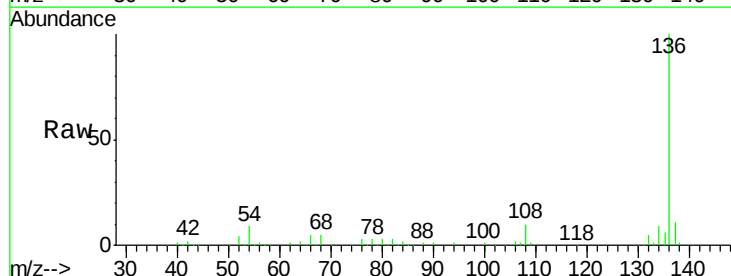


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

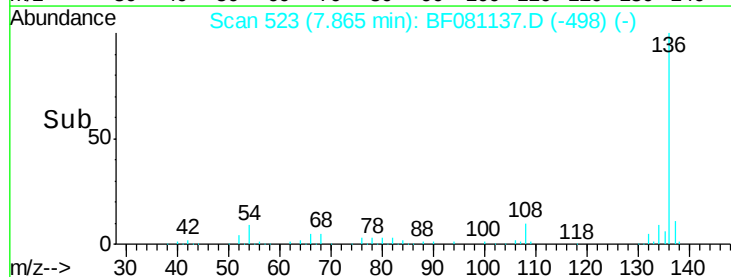
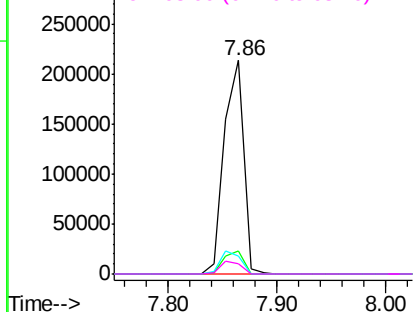


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081137.D
Acq: 20 Aug 2015 21:44

Tgt Ion: 136 Resp: 264922
Ion Ratio Lower Upper
136 100
137 10.6 8.2 12.2
54 8.6 7.7 11.5
68 4.6 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

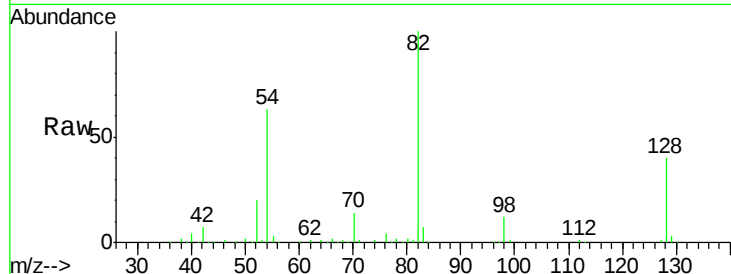




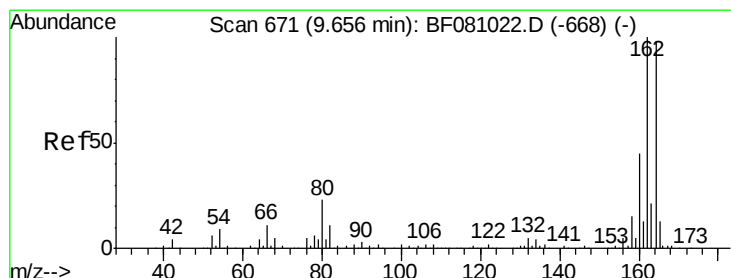
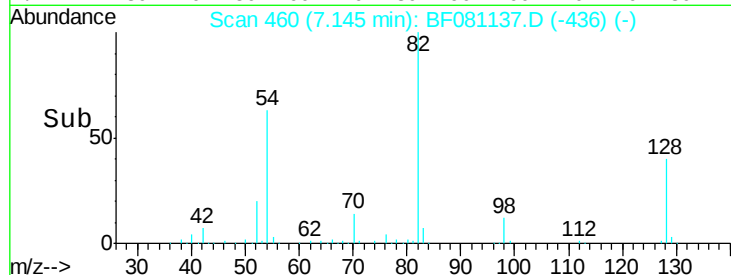
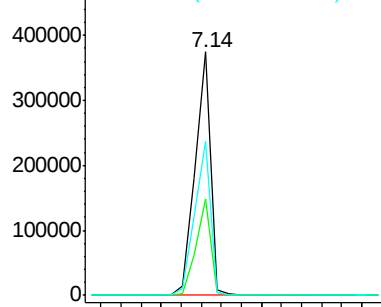
#23
 Nitrobenzene-d5
 Concen: 68.78 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081137.D
 Acq: 20 Aug 2015 21:44

Instrument :
 BNA_F
 ClientSampleId :
 PB85121BL

Tot Ion	82	Resp	398882
Ion Ratio	100	Lower	Upper
128	39.6	28.6	42.8
54	63.5	55.1	82.7

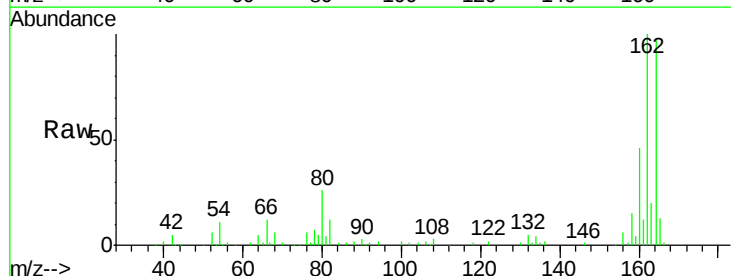


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

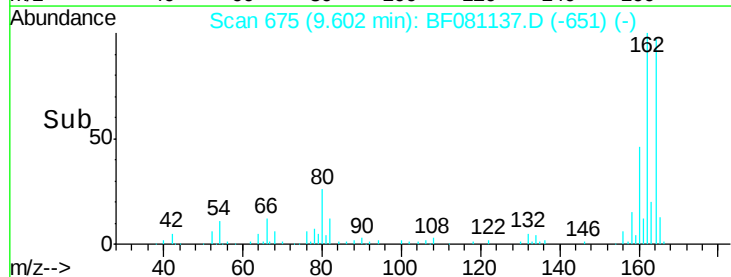
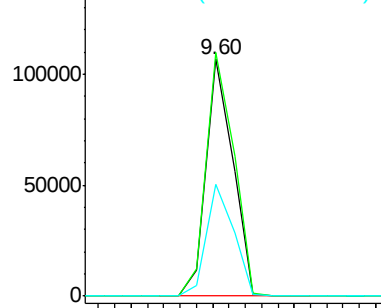


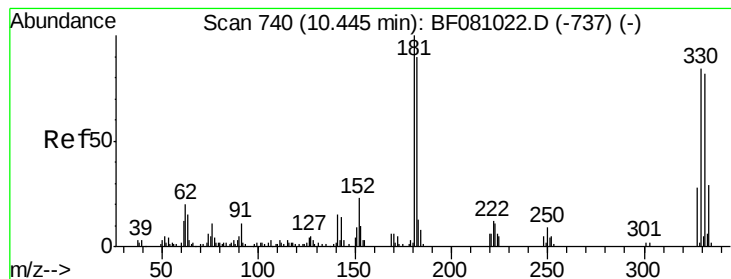
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081137.D
 Acq: 20 Aug 2015 21:44

Tgt Ion	164	Resp	120807
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.8	83.8	125.8
160	47.0	39.8	59.8



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 78.90 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Instrument :

BNA_F

ClientSampleId :

PB85121BL

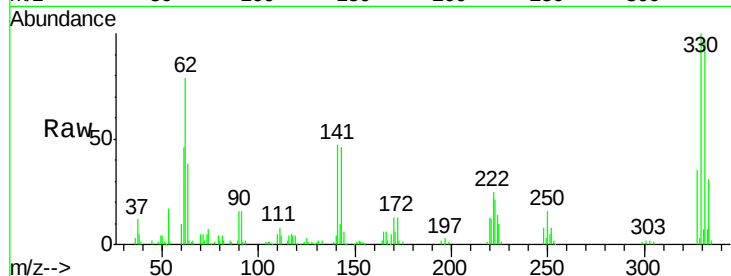
Tot Ion:330 Resp: 82627

Ion Ratio Lower Upper

330 100

332 97.3 77.3 115.9

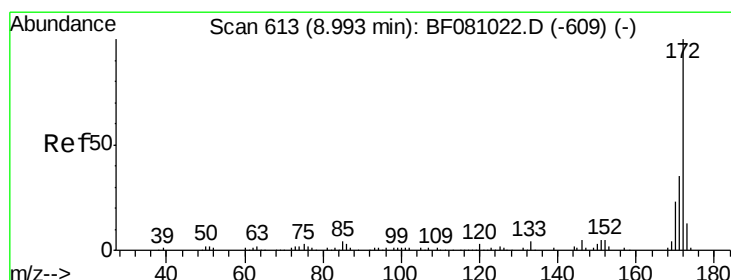
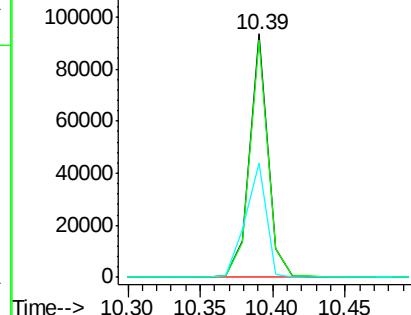
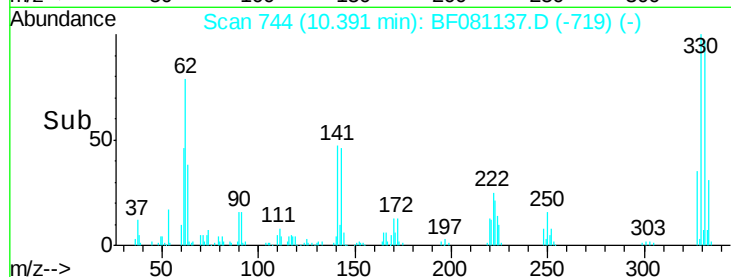
141 53.9 44.9 67.3



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: 64.11 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.02 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

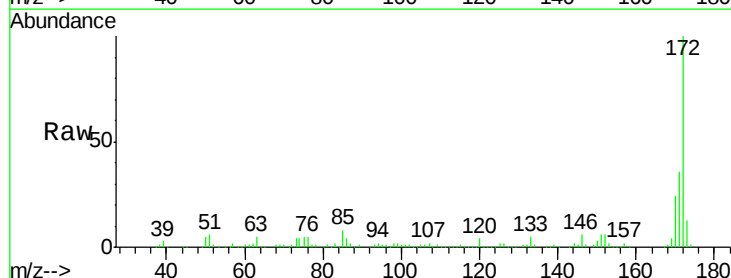
Tgt Ion:172 Resp: 591093

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

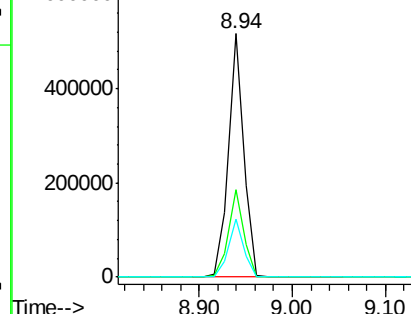
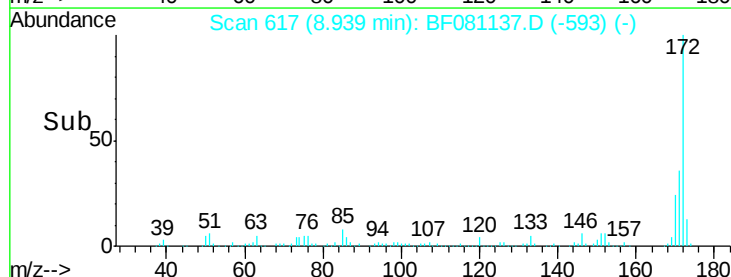
170 23.7 19.4 29.2

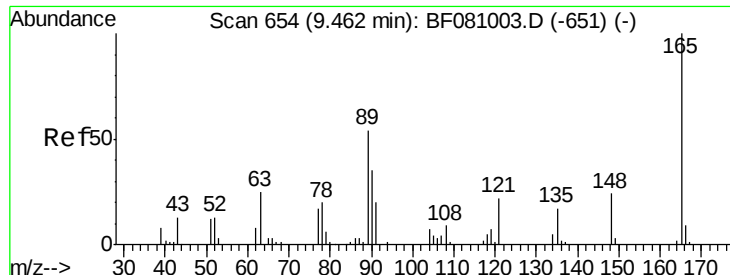


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

2,6-Dinitrotoluene

Concen: 7.10 ng

RT: 9.60 min Scan# 675

Delta R.T. 0.18 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Instrument :

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ClientSampleId :

PB85121BL

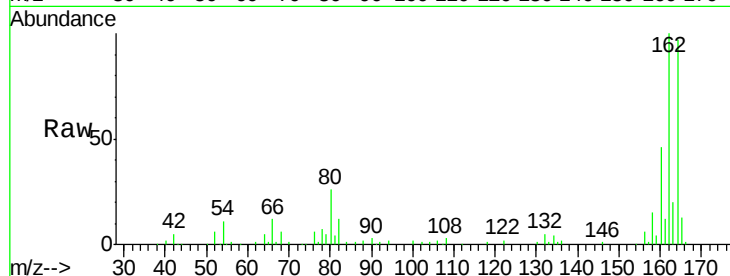
Tot Ion:165 Resp: 15171

Ion Ratio Lower Upper

165 100

63 0.0 49.5 74.3#

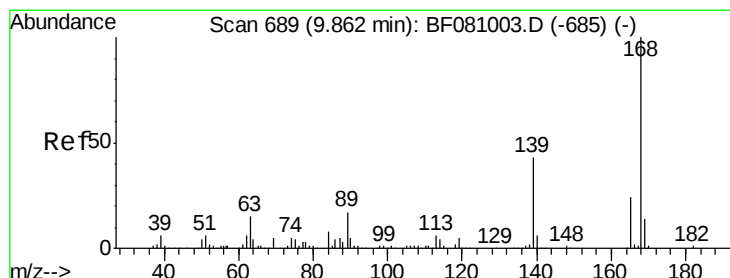
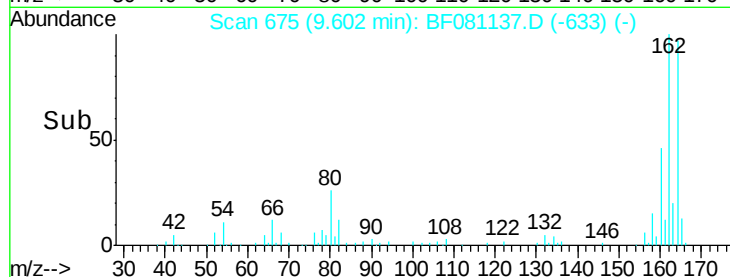
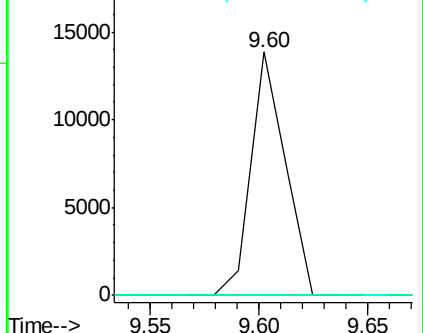
89 0.0 47.6 71.4#



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: 5.36 ng

RT: 9.60 min Scan# 675

Delta R.T. -0.22 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Tgt Ion:165 Resp: 15171

Ion Ratio Lower Upper

165 100

63 0.0 52.2 78.4#

89 0.0 60.1 90.1#

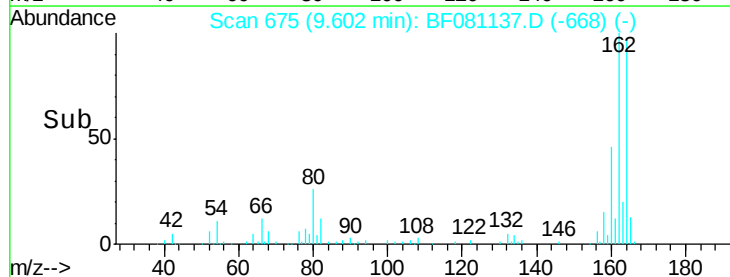
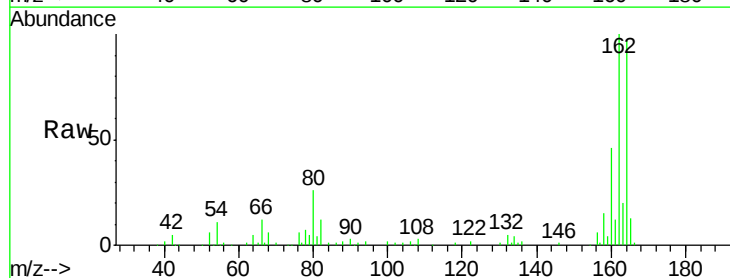
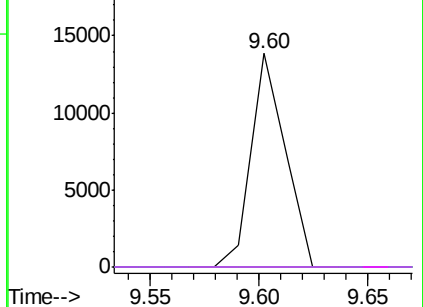
182 0.0 1.8 2.6#

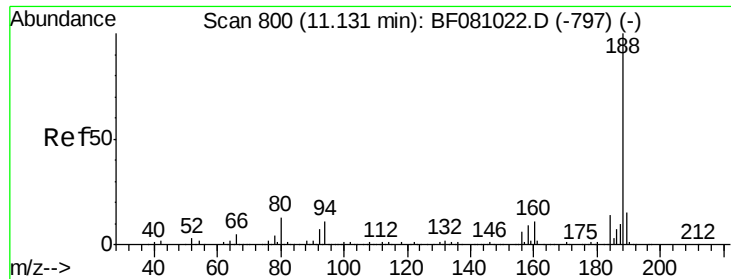
Abundance Ion 165.00 (164.70 to 165.70): E

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

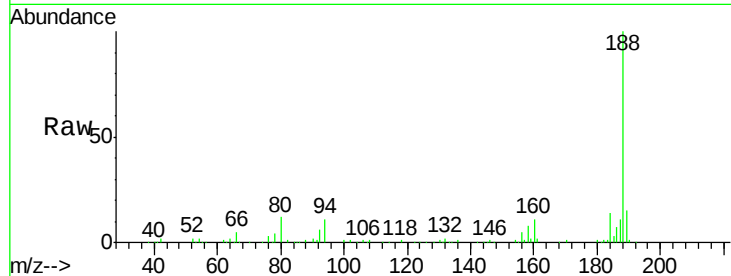




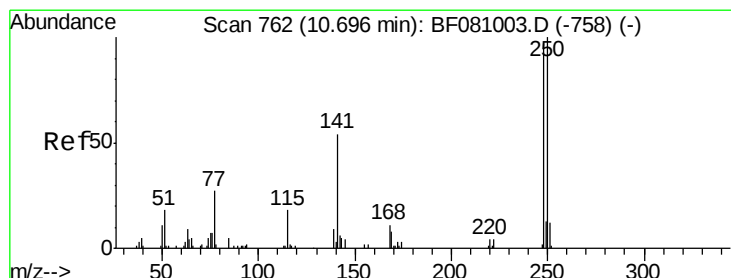
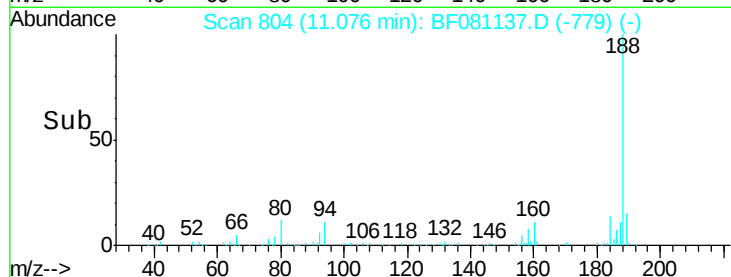
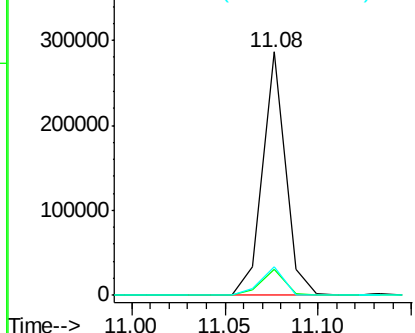
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081137.D
Acq: 20 Aug 2015 21:44

Instrument :
BNA_F
ClientSampleId :
PB85121BL

Tot Ion:188 Resp: 242269
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 11.7 9.5 14.3

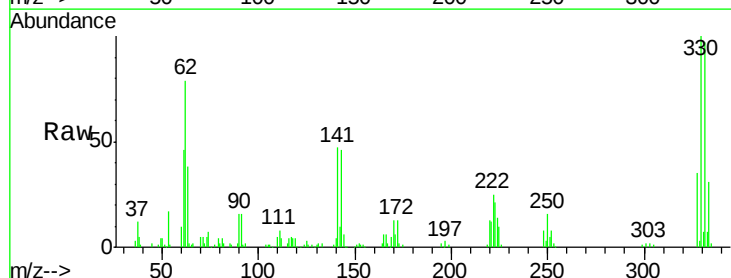


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

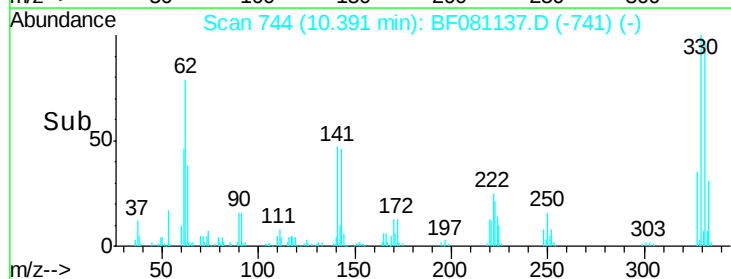
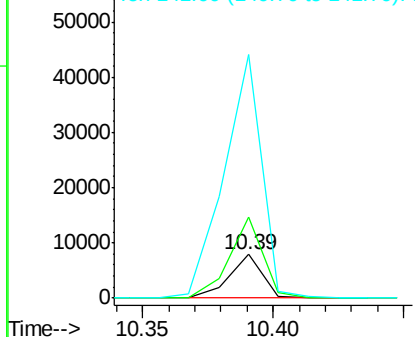


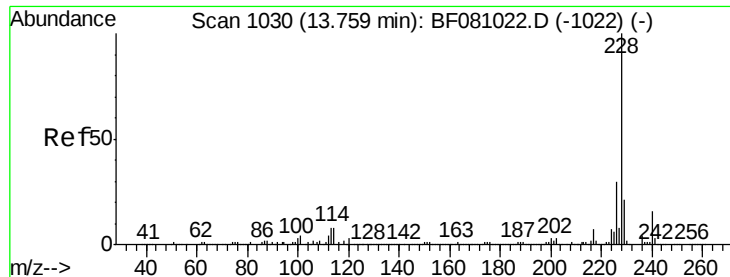
#66
4-Bromophenyl-phenylether
Concen: 2.92 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF081137.D
Acq: 20 Aug 2015 21:44

Tgt Ion:248 Resp: 6961
Ion Ratio Lower Upper
248 100
250 186.4 77.8 116.6#
141 560.5 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: 13.69 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

Instrument :

BNA_F

ClientSampleId :

PB85121BL

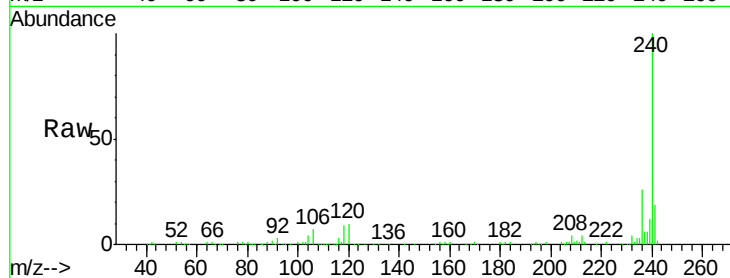
Tot Ion:240 Resp: 187173

Ion Ratio Lower Upper

240 100

120 10.3 5.6 8.4#

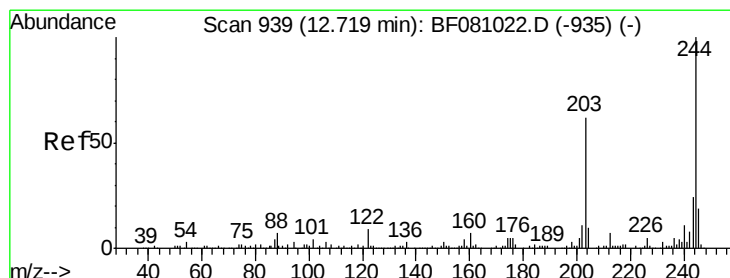
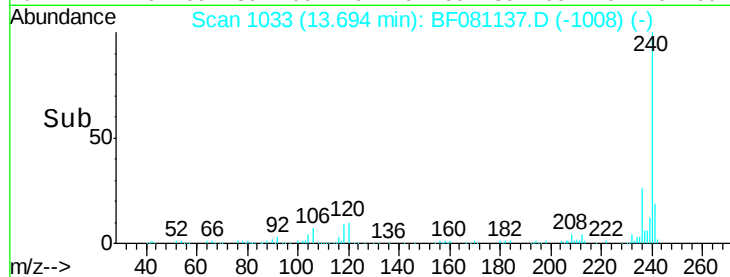
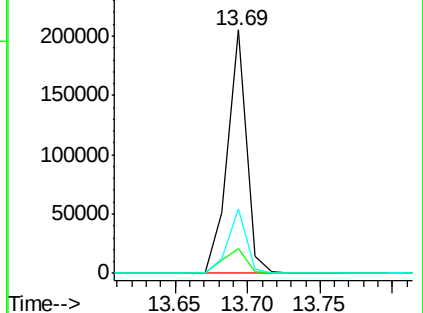
236 26.3 20.6 30.8



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: 66.14 ng

RT: 12.67 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081137.D

Acq: 20 Aug 2015 21:44

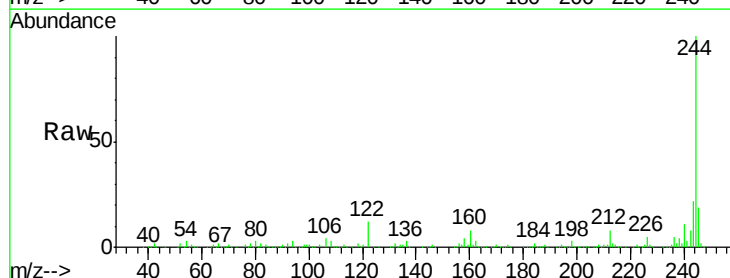
Tgt Ion:244 Resp: 577432

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

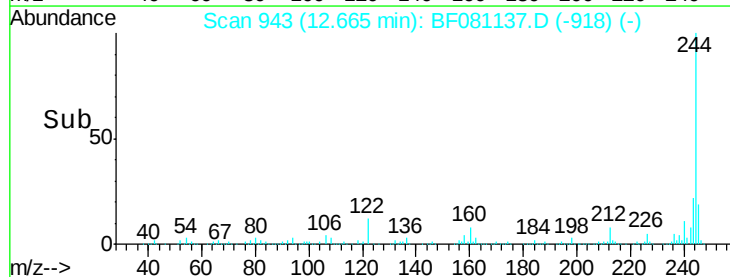
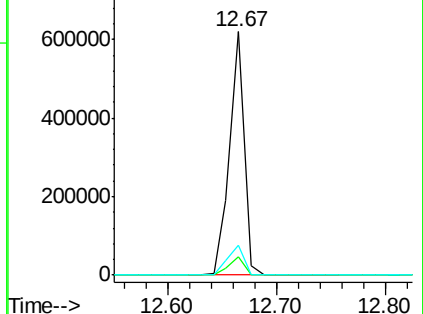
122 12.3 8.2 12.4

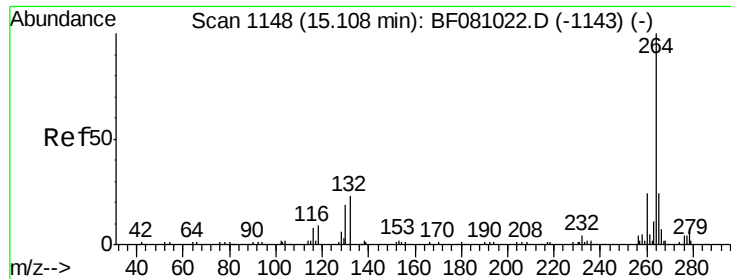


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

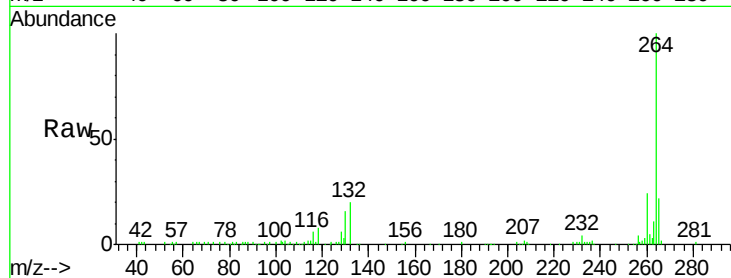




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF081137.D
Acq: 20 Aug 2015 21:44

Instrument :
BNA_F
ClientSampleId :
PB85121BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.7	17.5	26.3



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

