

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
 Data File : BF081136.D
 Acq On : 20 Aug 2015 21:13
 Operator : UM/IZ
 Sample : G3282-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115

Quant Time: Aug 21 01:37:53 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

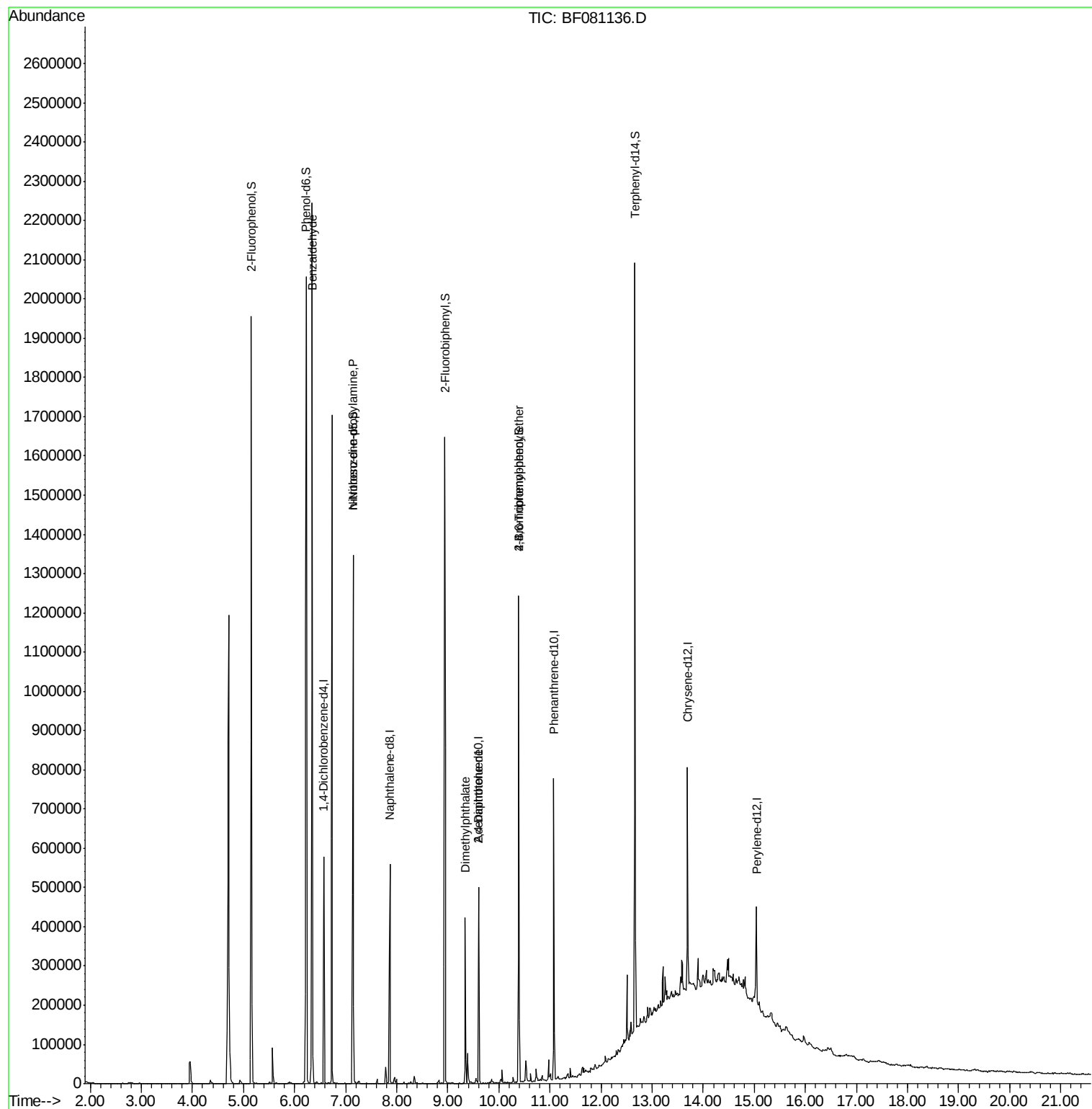
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	74599	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	299433	20.00	ng	-0.01
38) Acenaphthene-d10	9.60	164	134979	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	257121	20.00	ng	-0.01
75) Chrysene-d12	13.69	240	177754	20.00	ng	-0.01
86) Perylene-d12	15.04	264	124168	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	526156	106.09	ng	0.01
7) Phenol-d6	6.23	99	789145	121.95	ng	0.00
23) Nitrobenzene-d5	7.14	82	466508	71.17	ng	-0.02
41) 2,4,6-Tribromophenol	10.39	330	104774	89.55	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	648070	62.91	ng	-0.02
78) Terphenyl-d14	12.66	244	570314	68.78	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.34	77	16079	3.85	ng	Qvalue 81
19) n-Nitroso-di-n-propylamine	7.14	70	63064	14.07	ng	# 69
49) Dimethylphthalate	9.34	163	149379	13.44	ng	100
56) 2,4-Dinitrotoluene	9.60	165	16908	5.34	ng	# 17
66) 4-Bromophenyl-phenylether	10.39	248	8282	3.28	ng	# 1

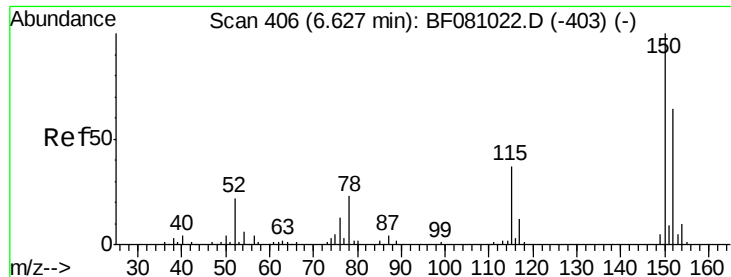
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082015\
Data File : BF081136.D
Acq On : 20 Aug 2015 21:13
Operator : UM/IZ
Sample : G3282-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115

Quant Time: Aug 21 01:37:53 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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.57 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115

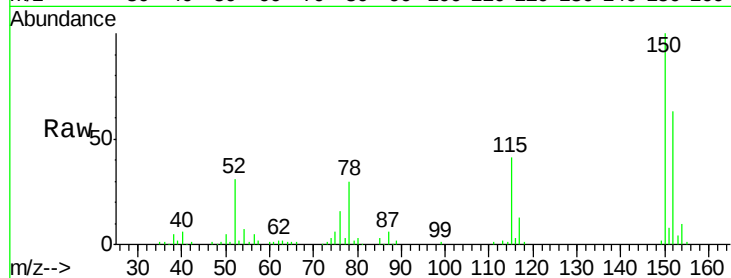
Tot Ion:152 Resp: 74599

Ion Ratio Lower Upper

152 100

150 159.1 123.8 185.6

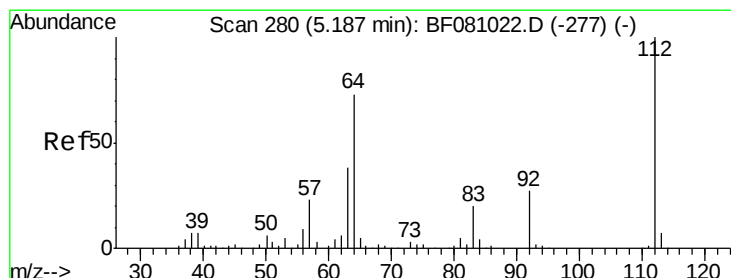
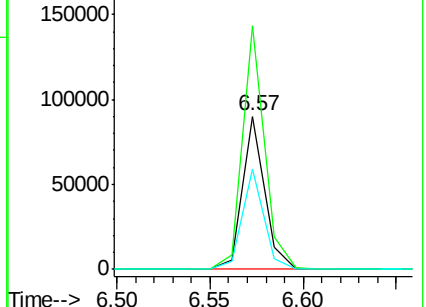
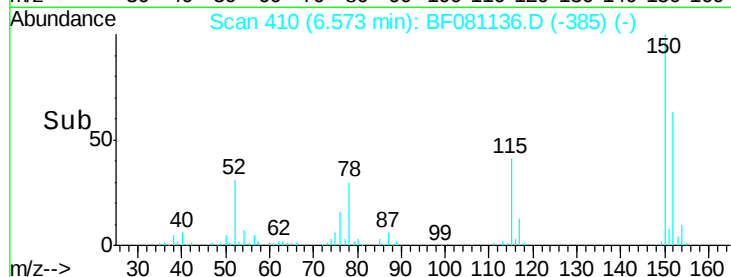
115 65.7 52.1 78.1



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: 106.09 ng

RT: 5.16 min Scan# 286

Delta R.T. 0.01 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

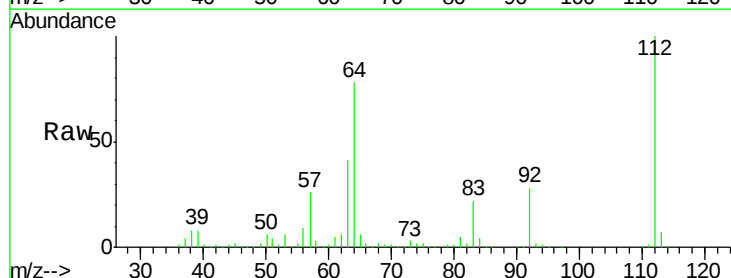
Tgt Ion:112 Resp: 526156

Ion Ratio Lower Upper

112 100

64 78.2 66.9 100.3

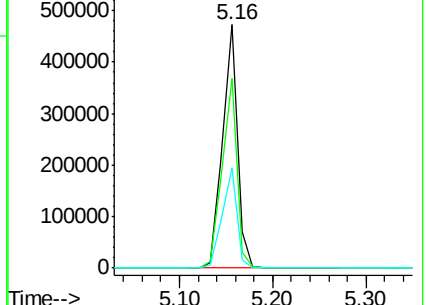
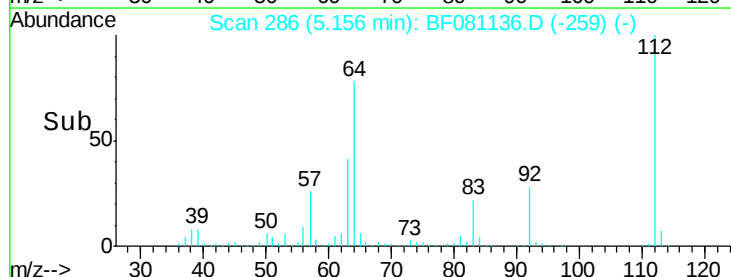
63 41.4 38.1 57.1

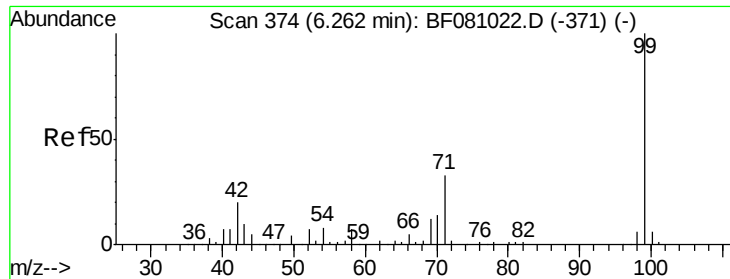


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 121.95 ng

RT: 6.23 min Scan# 380

Delta R.T. -0.00 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115

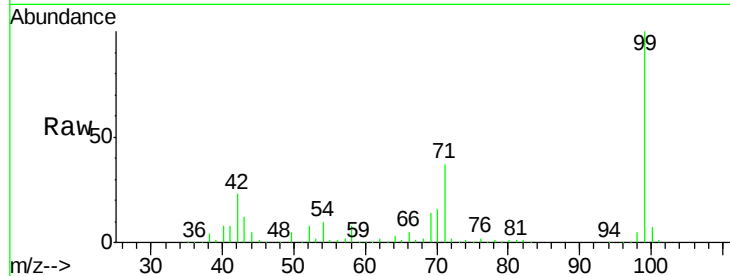
Tot Ion: 99 Resp: 789145

Ion Ratio Lower Upper

99 100

42 22.6 19.6 29.4

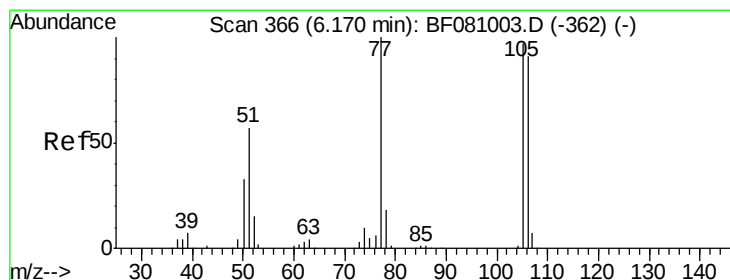
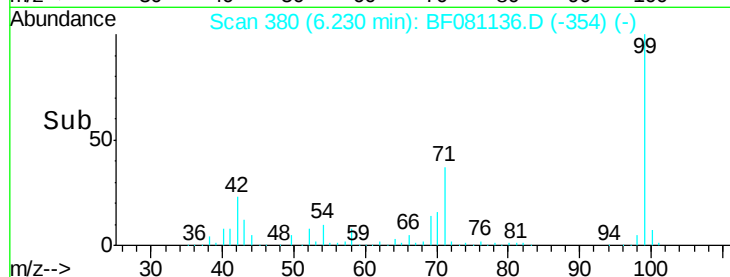
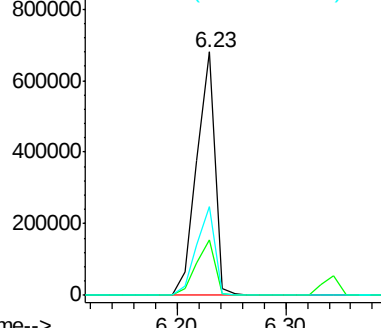
71 36.7 31.2 46.8



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: 3.85 ng

RT: 6.34 min Scan# 390

Delta R.T. 0.22 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

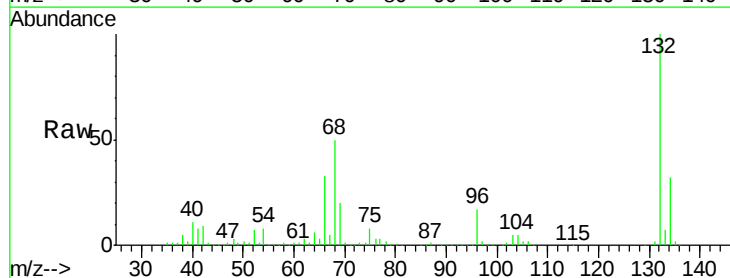
Tgt Ion: 77 Resp: 16079

Ion Ratio Lower Upper

77 100

105 73.0 69.6 109.6

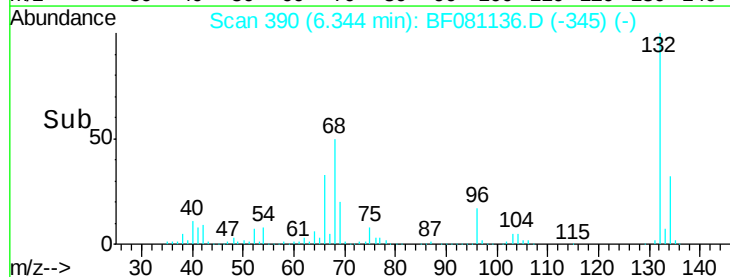
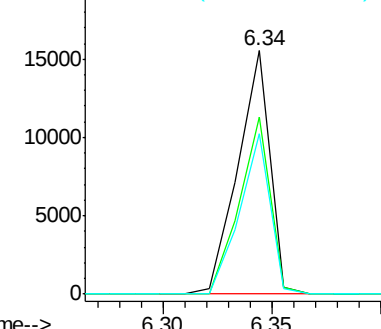
106 66.1 64.0 104.0

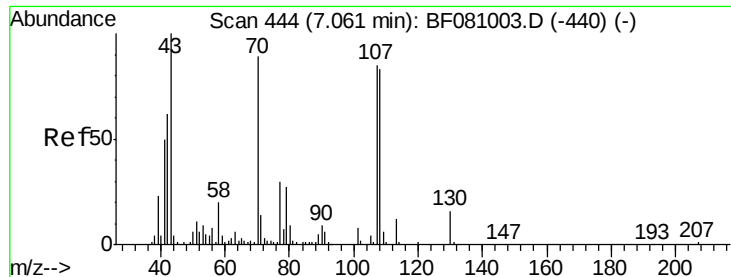


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

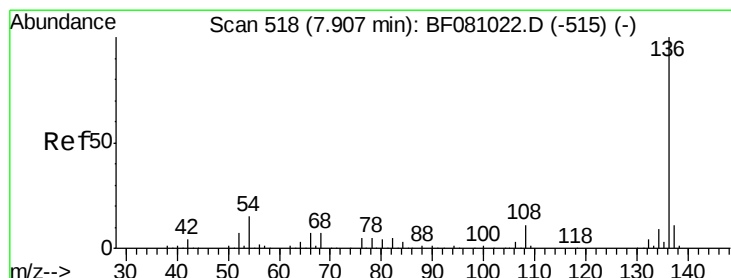
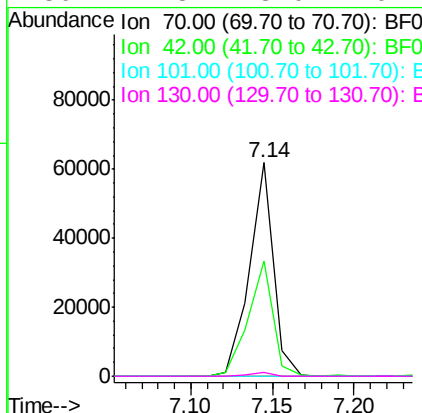
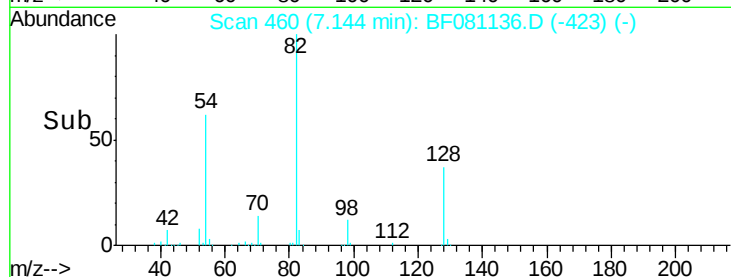
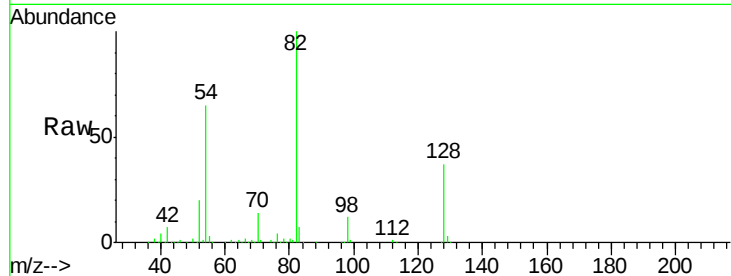




#19
n-Nitroso-di-n-propylamine
Concen: 14.07 ng
RT: 7.14 min Scan# 460
Delta R.T. 0.13 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

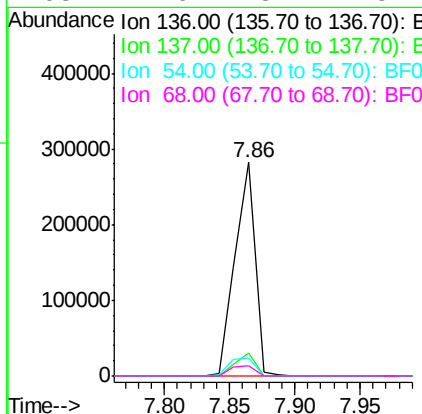
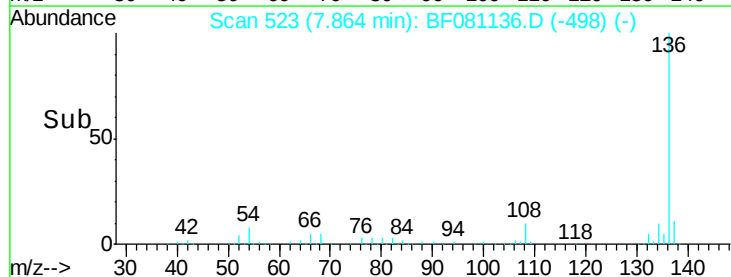
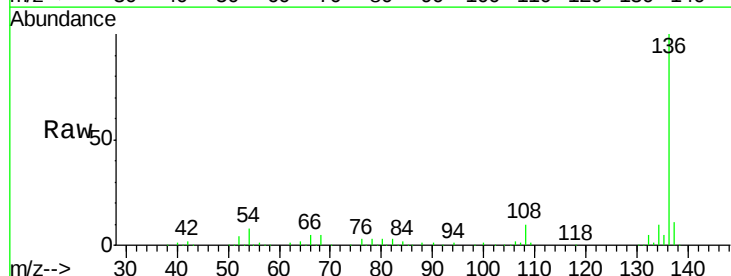
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115

Tot Ion: 70 Resp: 63064
Ion Ratio Lower Upper
70 100
42 53.8 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: 7.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

Tgt Ion: 136 Resp: 299433
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 8.4 7.7 11.5
68 4.6 3.4 5.2

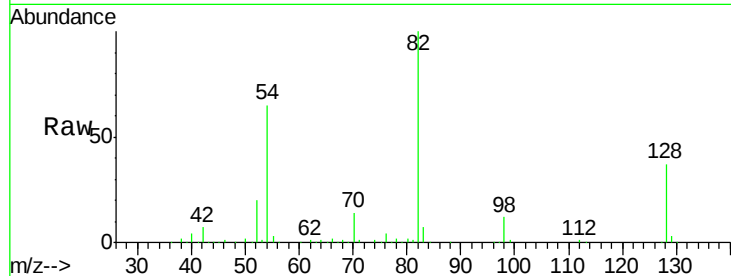




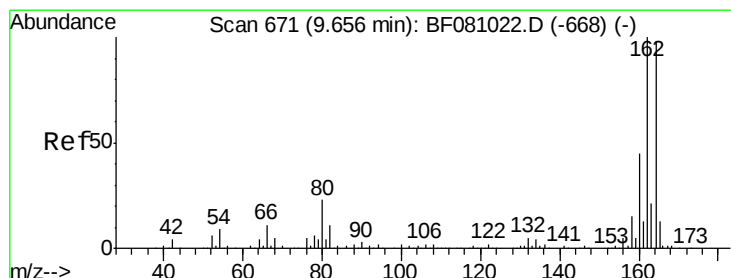
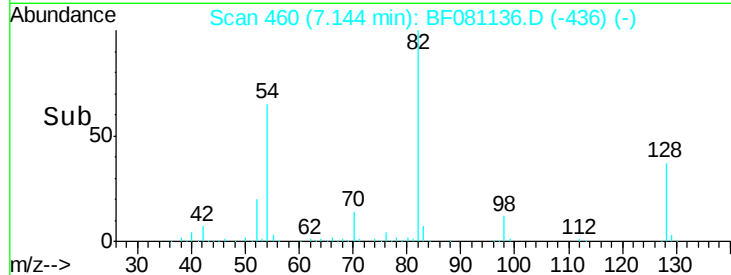
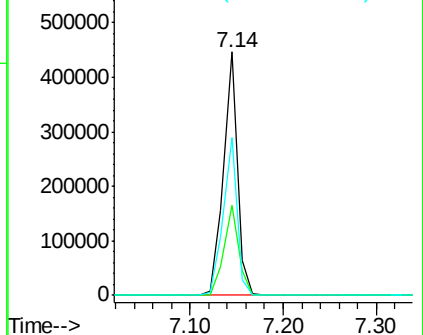
#23
 Nitrobenzene-d5
 Concen: 71.17 ng
 RT: 7.14 min Scan# 460
 Delta R.T. -0.02 min
 Lab File: BF081136.D
 Acq: 20 Aug 2015 21:13

Instrument :
 BNA_F
 ClientSampleId :
 SB04-4.0-5.0-081115

Tot Ion: 82 Resp: 466508
 Ion Ratio Lower Upper
 82 100
 128 37.2 28.6 42.8
 54 65.0 55.1 82.7

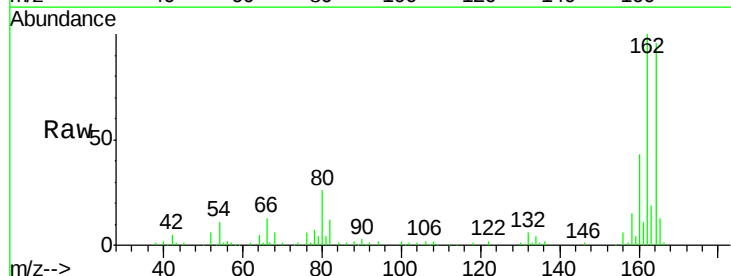


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

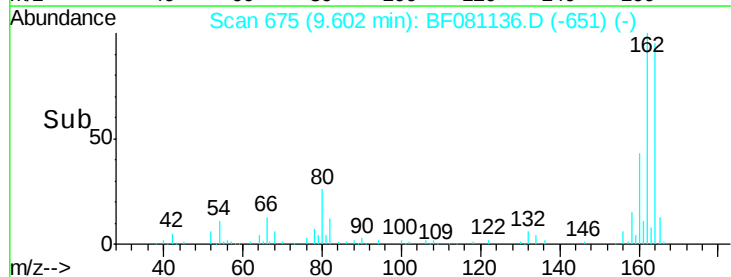
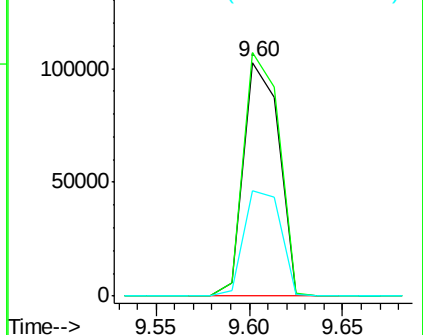


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.60 min Scan# 675
 Delta R.T. -0.02 min
 Lab File: BF081136.D
 Acq: 20 Aug 2015 21:13

Tgt Ion: 164 Resp: 134979
 Ion Ratio Lower Upper
 164 100
 162 104.1 83.8 125.8
 160 45.1 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: 89.55 ng

RT: 10.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115

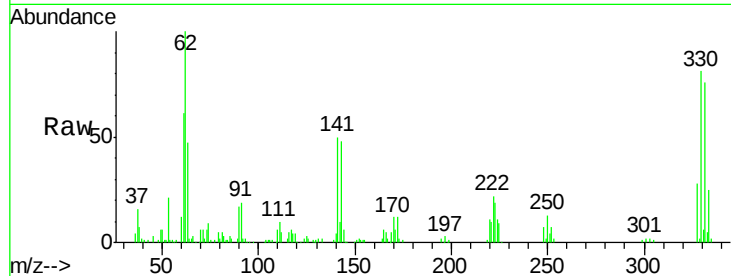
Tot Ion:330 Resp: 104774

Ion Ratio Lower Upper

330 100

332 96.5 77.3 115.9

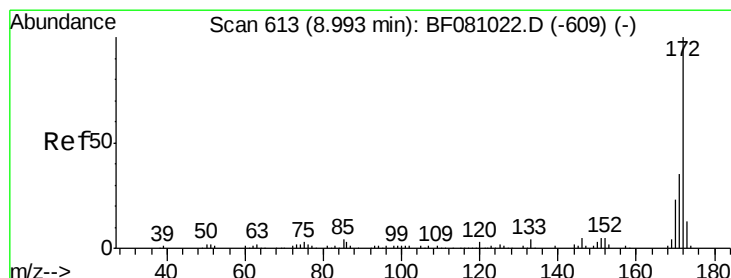
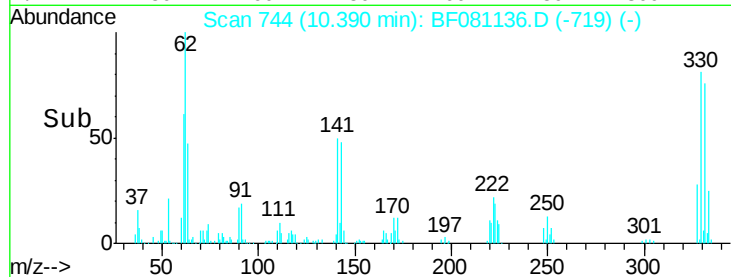
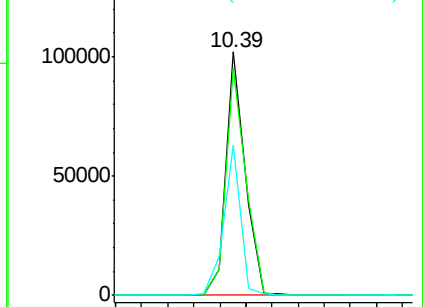
141 54.4 44.9 67.3



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: 62.91 ng

RT: 8.94 min Scan# 617

Delta R.T. -0.02 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

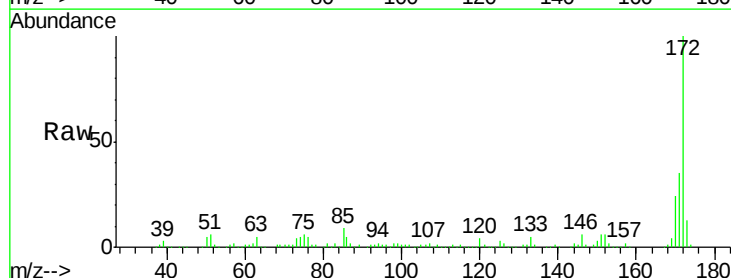
Tgt Ion:172 Resp: 648070

Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

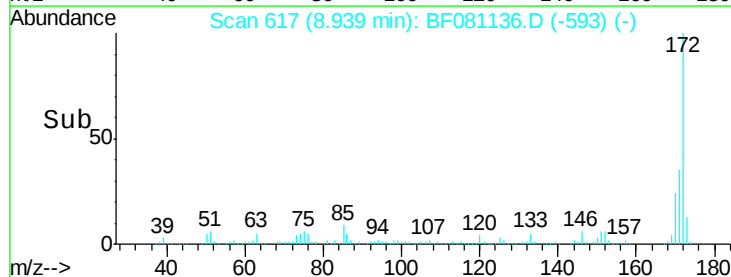
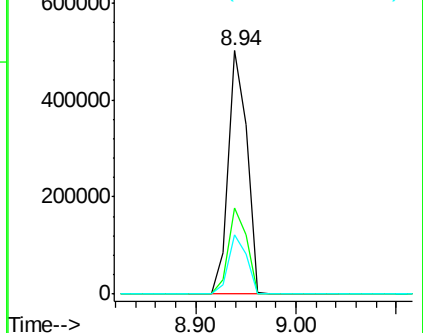
170 24.2 19.4 29.2

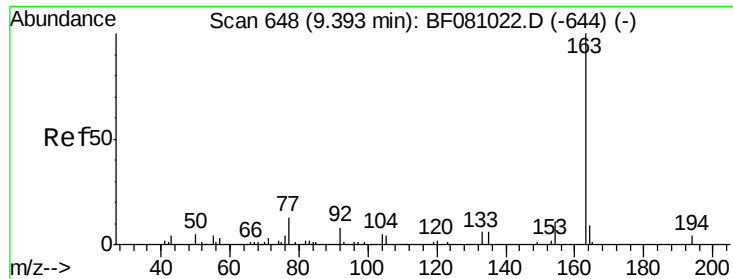


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

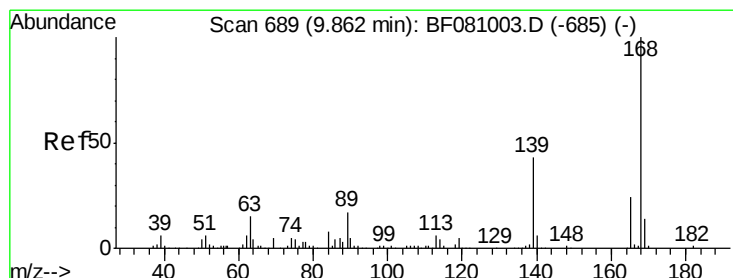
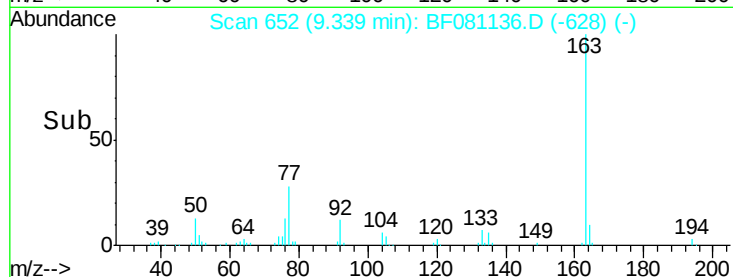
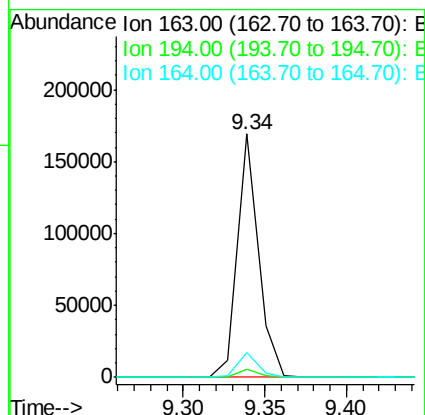
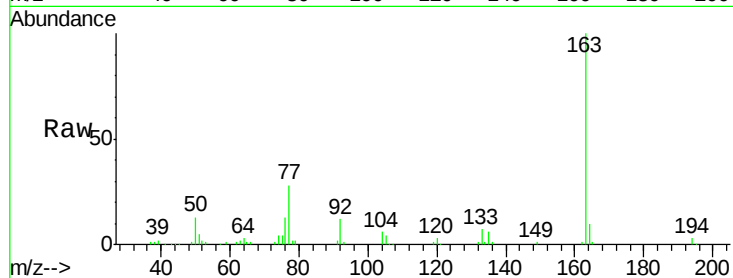




#49
Dimethylphthalate
Concen: 13.44 ng
RT: 9.34 min Scan# 652
Delta R.T. -0.02 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

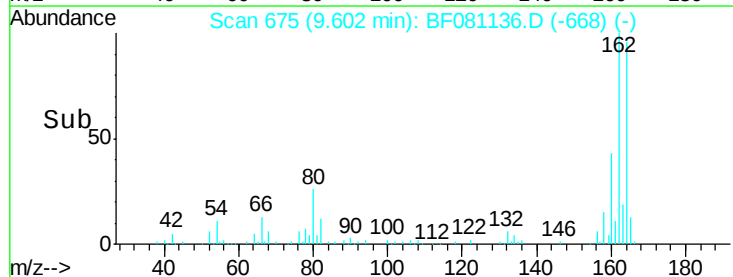
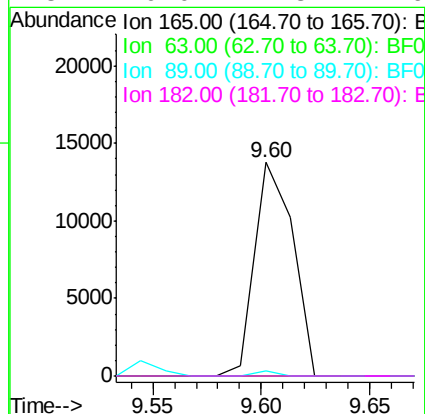
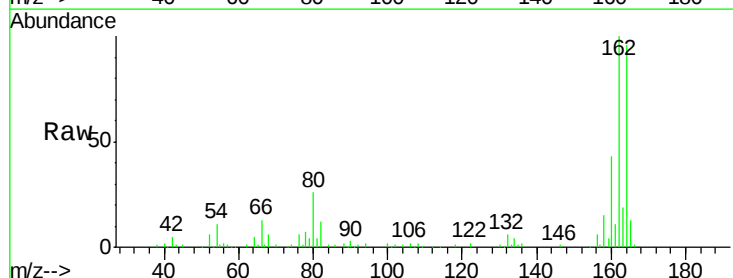
Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115

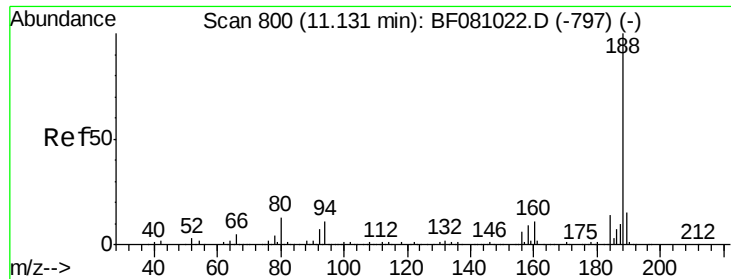
Tot Ion:163 Resp: 149379
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.1 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 9.60 min Scan# 675
Delta R.T. -0.22 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

Tgt Ion:165 Resp: 16908
Ion Ratio Lower Upper
165 100
63 0.0 52.2 78.4#
89 2.5 60.1 90.1#
182 0.0 1.8 2.6#

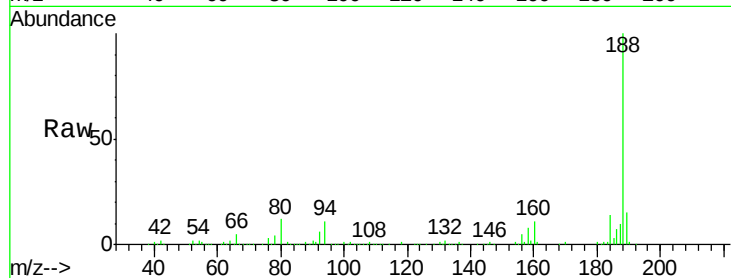




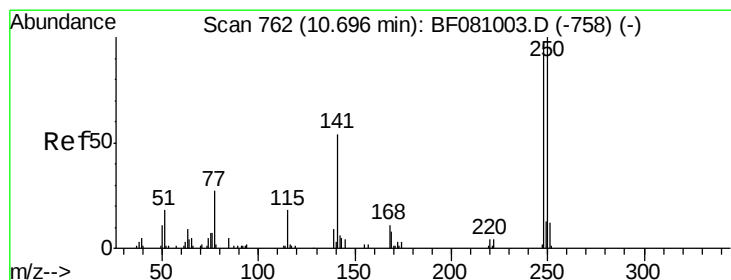
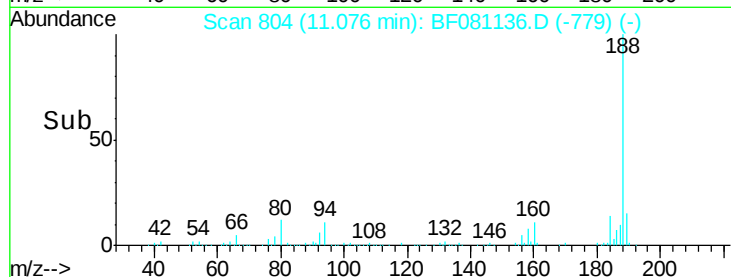
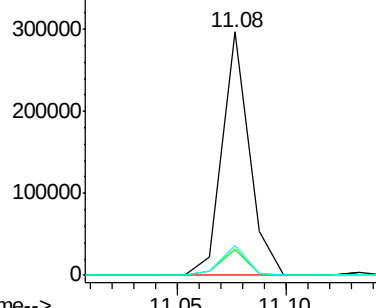
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115

Tot Ion:188 Resp: 257121
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 12.2 9.5 14.3

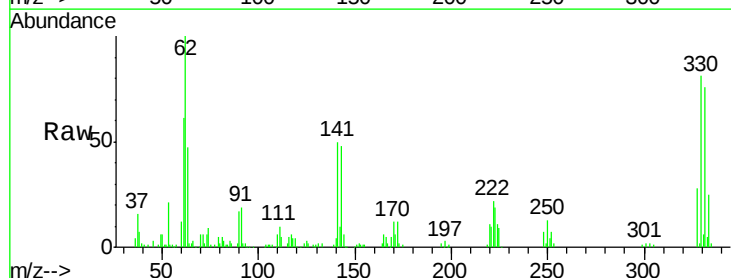


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

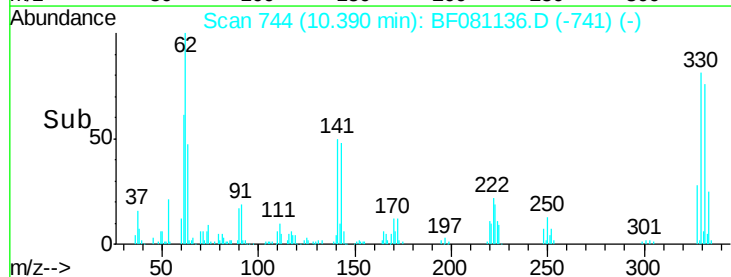
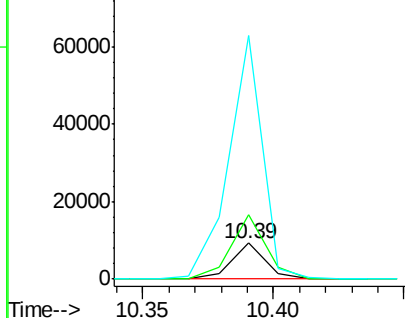


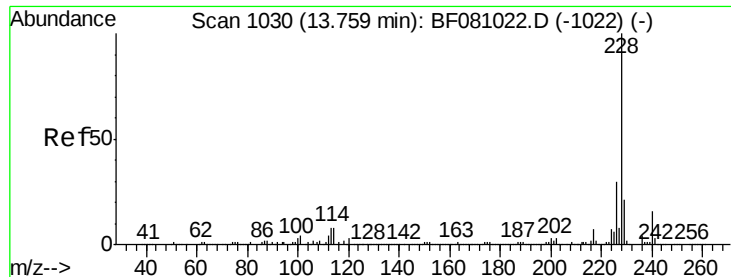
#66
4-Bromophenyl-phenylether
Concen: 3.28 ng
RT: 10.39 min Scan# 744
Delta R.T. -0.26 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

Tgt Ion:248 Resp: 8282
Ion Ratio Lower Upper
248 100
250 180.2 77.8 116.6#
141 682.3 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: BF081136.D

Acq: 20 Aug 2015 21:13

Instrument :

BNA_F

ClientSampleId :

SB04-4.0-5.0-081115

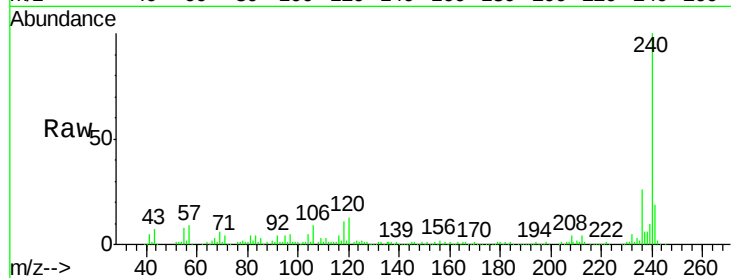
Tot Ion:240 Resp: 177754

Ion Ratio Lower Upper

240 100

120 13.1 5.6 8.4#

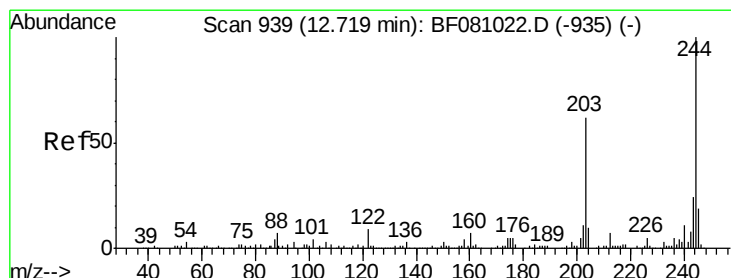
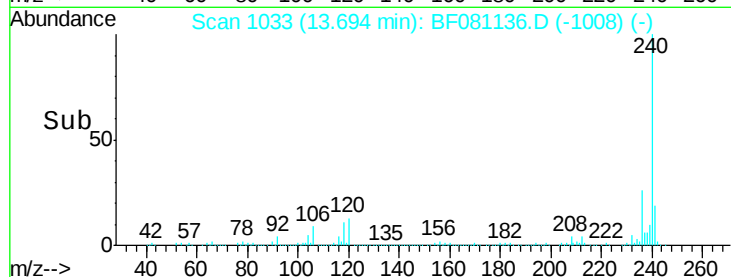
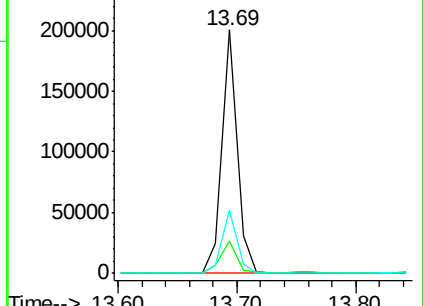
236 25.7 20.6 30.8



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: 68.78 ng

RT: 12.66 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF081136.D

Acq: 20 Aug 2015 21:13

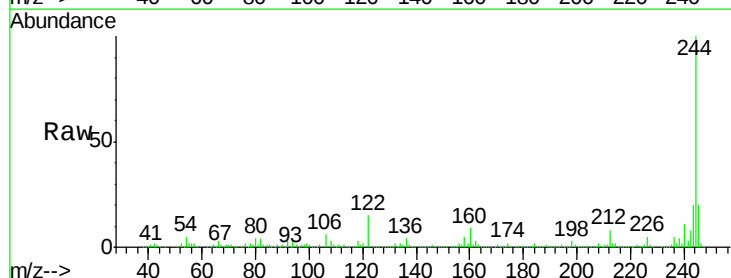
Tgt Ion:244 Resp: 570314

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

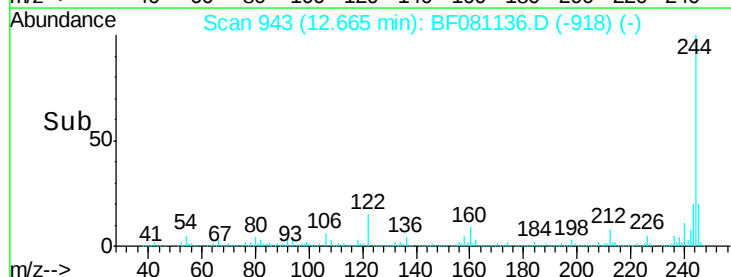
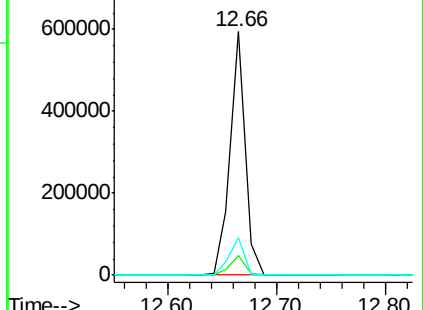
122 15.3 8.2 12.4#

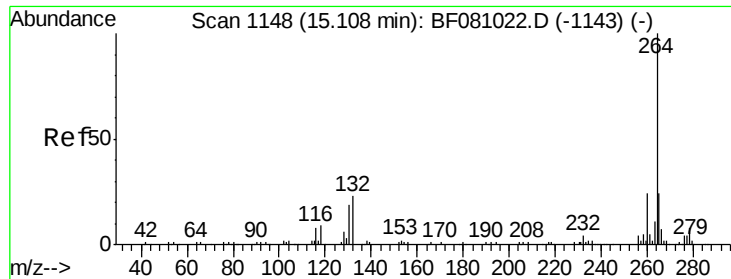


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.04 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF081136.D
Acq: 20 Aug 2015 21:13

Instrument :
BNA_F
ClientSampleId :
SB04-4.0-5.0-081115

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	21.5	17.5	26.3

