

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081209.D
 Acq On : 25 Aug 2015 20:37
 Operator : UM/IZ
 Sample : G3407-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:09:21 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

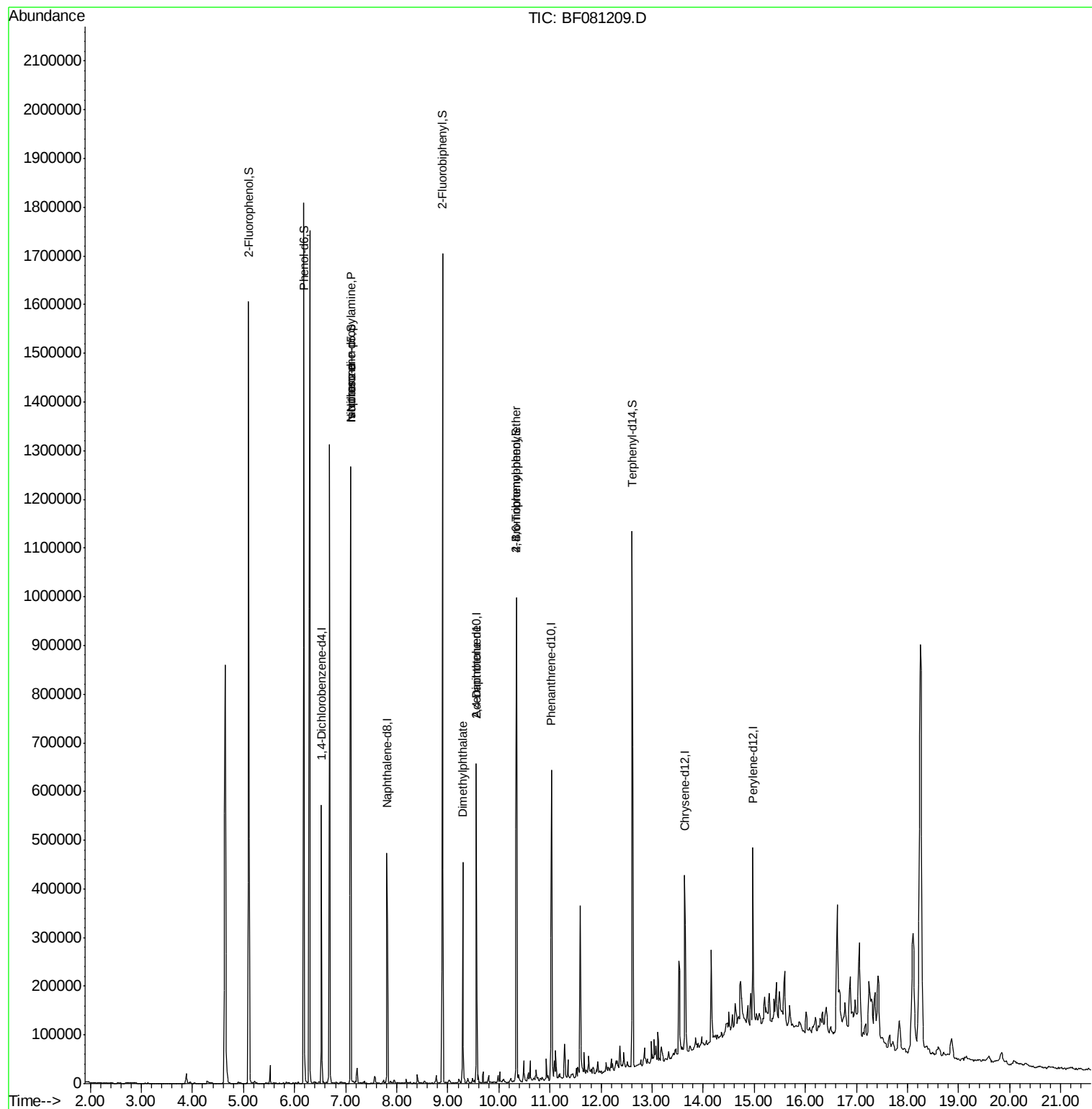
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	74106	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	265151	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	121544	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	239828	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	145275	20.00	ng	-0.02
86) Perylene-d12	14.97	264	129641	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	450005	91.34	ng	0.00
7) Phenol-d6	6.18	99	644866	100.31	ng	-0.01
23) Nitrobenzene-d5	7.10	82	397465	68.48	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	100323	95.22	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	525431	56.64	ng	-0.01
78) Terphenyl-d14	12.61	244	404860	59.75	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.10	70	54244	12.18	ng	# 69
25) Isophorone	7.10	82	307148	28.38	ng	# 71
49) Dimethylphthalate	9.29	163	155613	15.55	ng	100
56) 2,4-Dinitrotoluene	9.56	165	15081	5.29	ng	# 17
66) 4-Bromophenyl-phenylether	10.34	248	8138	3.45	ng	# 1

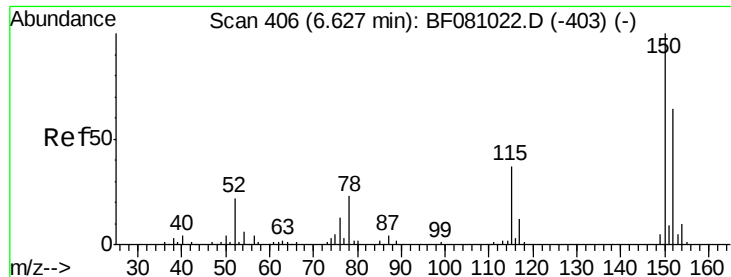
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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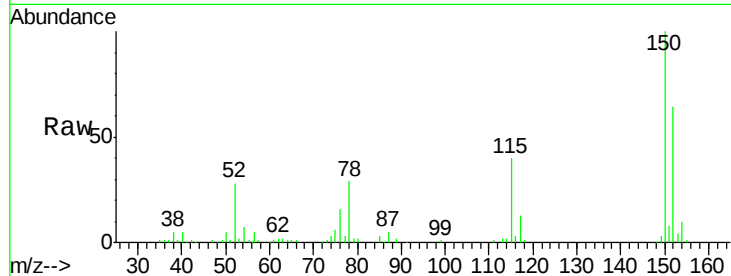


#1

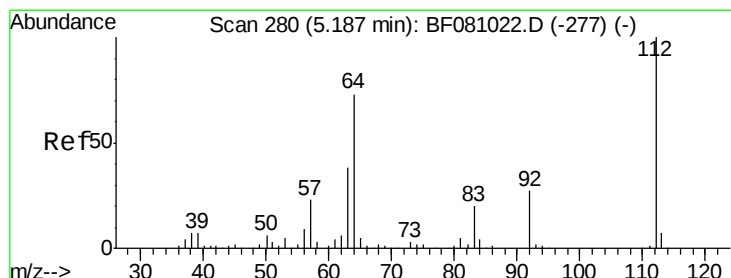
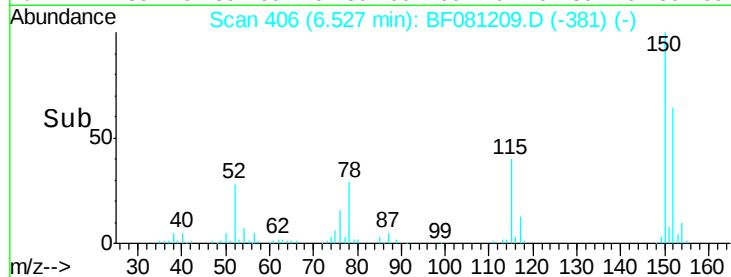
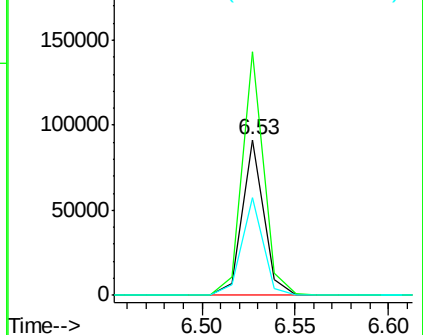
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.53 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BF081209.D
 Acq: 25 Aug 2015 20:37

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	123.8	185.6
115	62.9	52.1	78.1



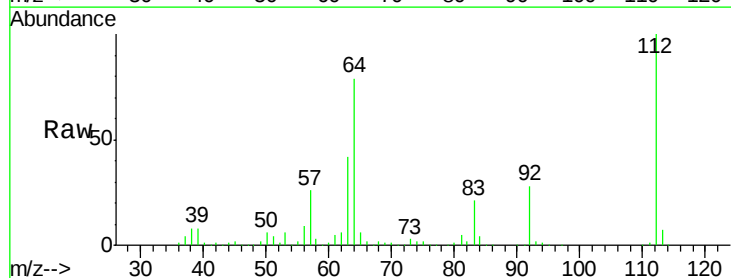
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



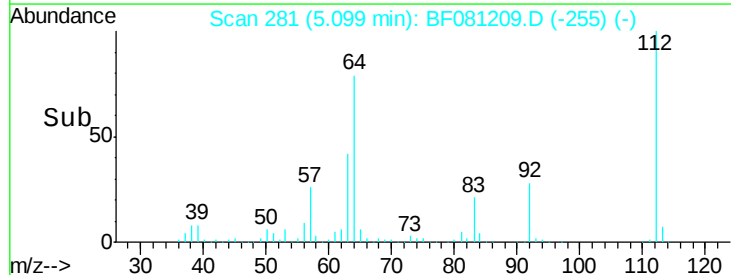
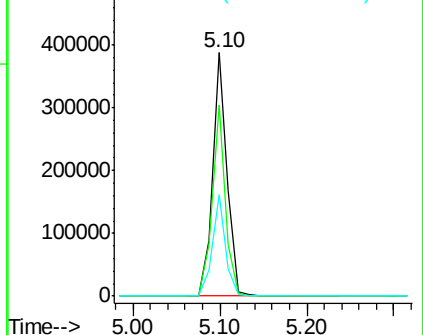
#5

2-Fluorophenol
 Concen: 91.34 ng
 RT: 5.10 min Scan# 281
 Delta R.T. -0.00 min
 Lab File: BF081209.D
 Acq: 25 Aug 2015 20:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.5	66.9	100.3
63	41.6	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: 100.31 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

Instrument :

BNA_F

ClientSampleId :

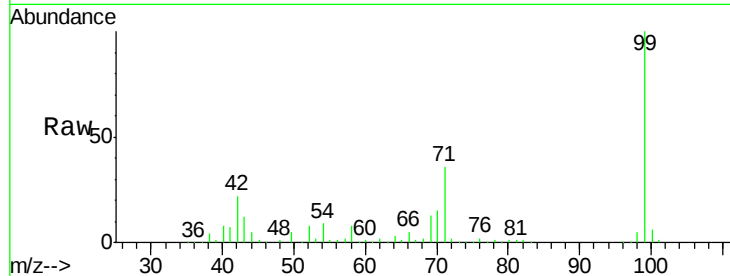
Tot Ion: 99 Resp: 644866

Ion Ratio Lower Upper

99 100

42 22.3 19.6 29.4

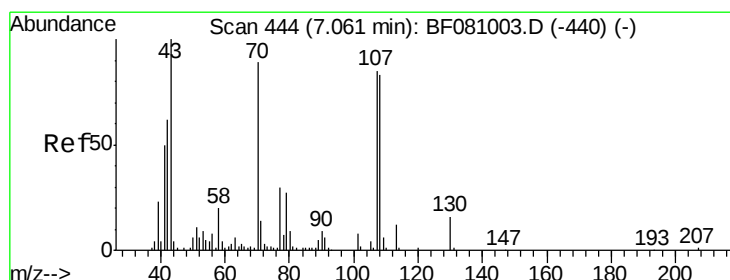
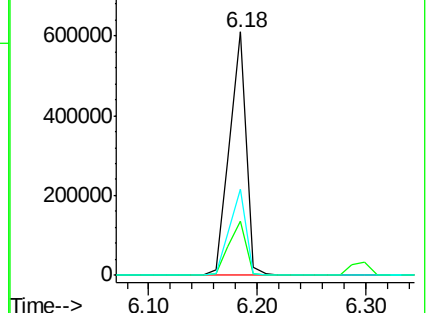
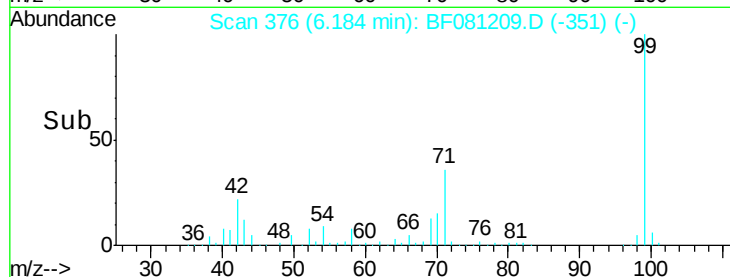
71 35.6 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.18 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

Tgt Ion: 70 Resp: 54244

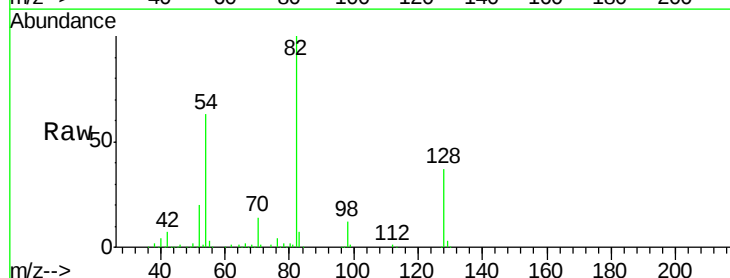
Ion Ratio Lower Upper

70 100

42 53.4 65.0 97.4#

101 0.0 7.4 11.2#

130 1.8 13.0 19.4#

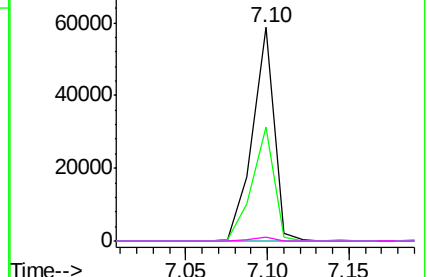
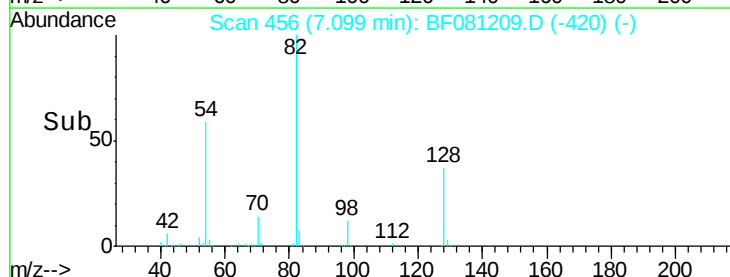


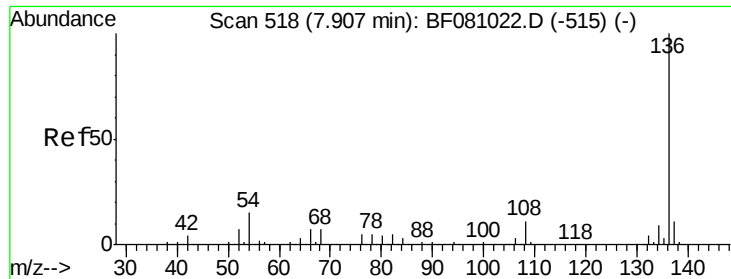
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

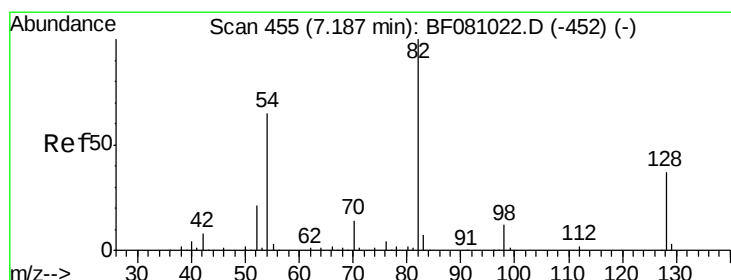
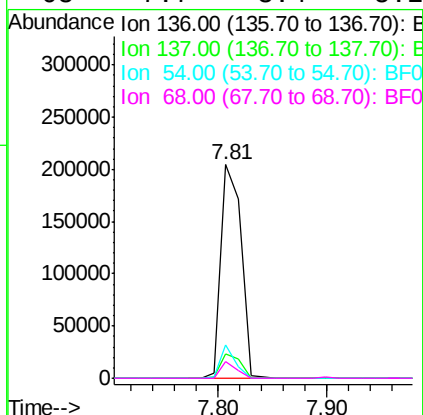
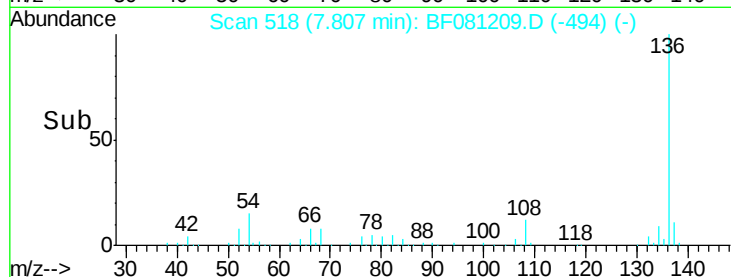
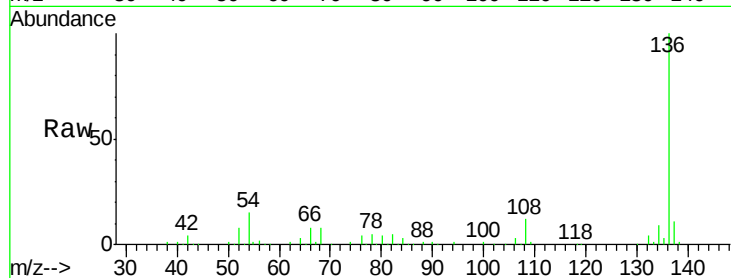




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

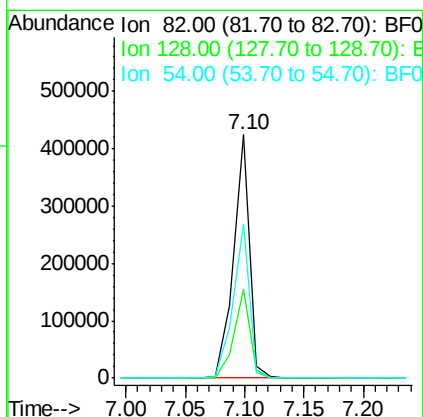
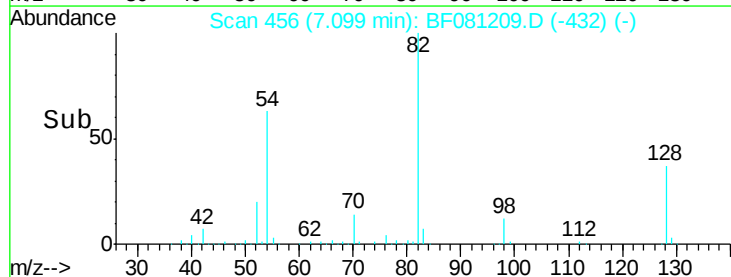
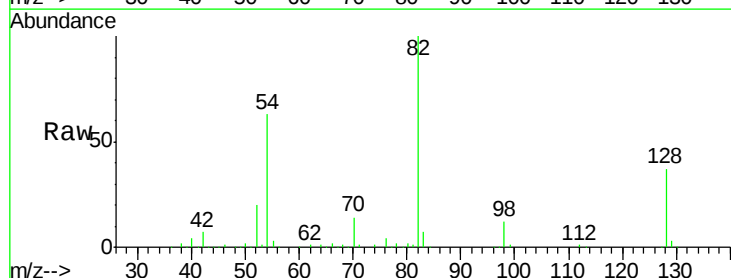
Instrument :
BNA_F
ClientSampleId :

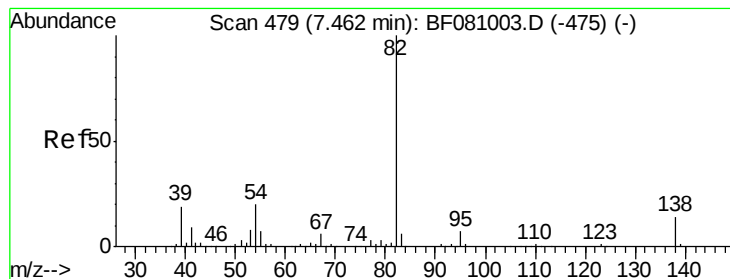
Tot Ion:136	Resp:	265151
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.2 12.2
54	15.5	7.7 11.5#
68	7.7	3.4 5.2#



#23
Nitrobenzene-d5
Concen: 68.48 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

Tgt Ion: 82	Resp:	397465
Ion Ratio	Lower	Upper
82	100	
128	36.7	28.6 42.8
54	63.4	55.1 82.7





#25

Isophorone

Concen: 28.38 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

Instrument :

BNA_F

ClientSampleId :

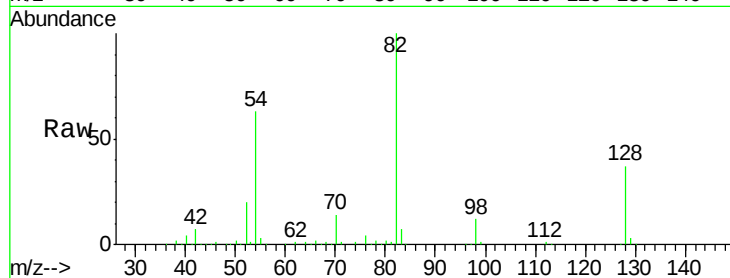
Tot Ion: 82 Resp: 307148

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E

7.10

400000

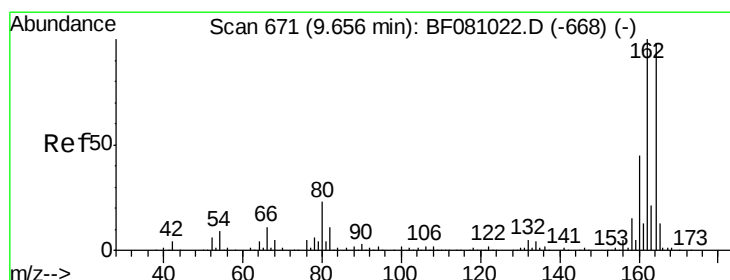
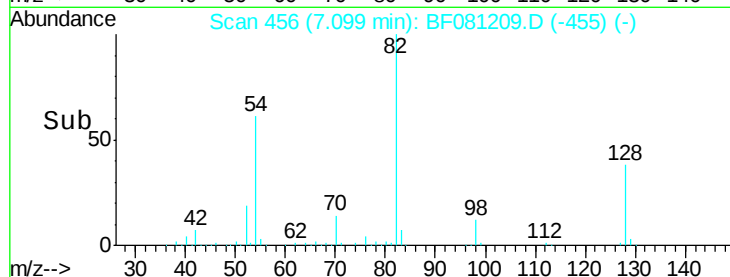
300000

200000

100000

0

Time--> 7.05 7.10 7.15 7.20



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

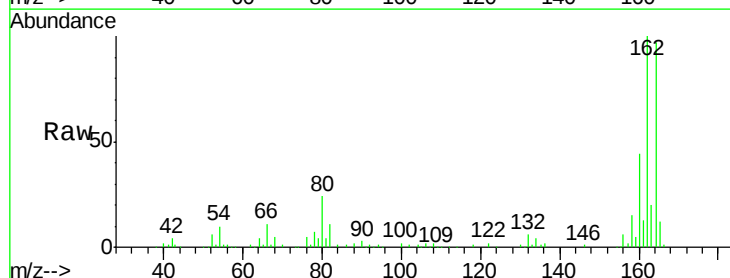
Tgt Ion: 164 Resp: 121544

Ion Ratio Lower Upper

164 100

162 103.3 83.8 125.8

160 45.3 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

9.56

200000

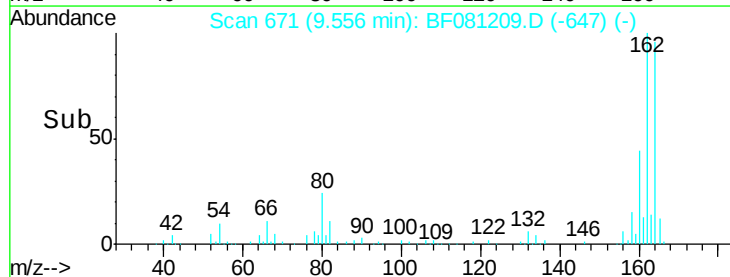
150000

100000

50000

0

Time--> 9.50 9.55 9.60





#41

2,4,6-Tribromophenol

Concen: 95.22 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

Instrument :

BNA_F

ClientSampleId :

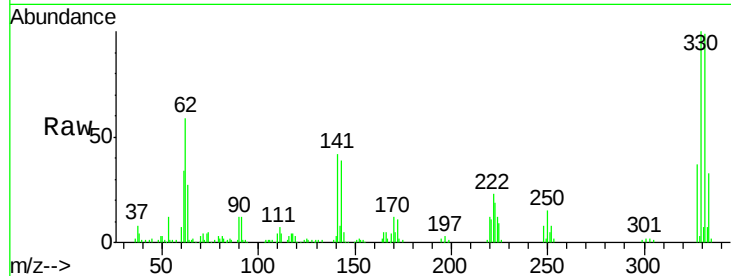
Tot Ion:330 Resp: 100323

Ion Ratio Lower Upper

330 100

332 98.0 77.3 115.9

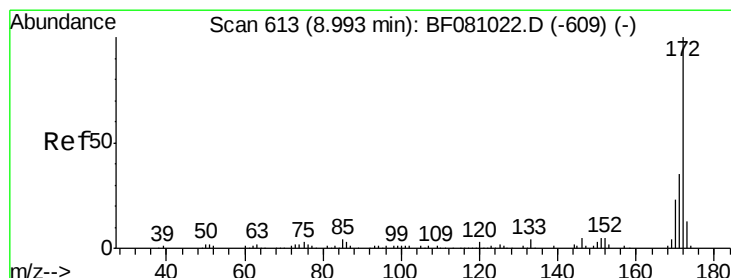
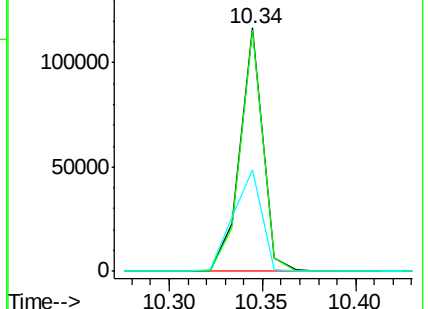
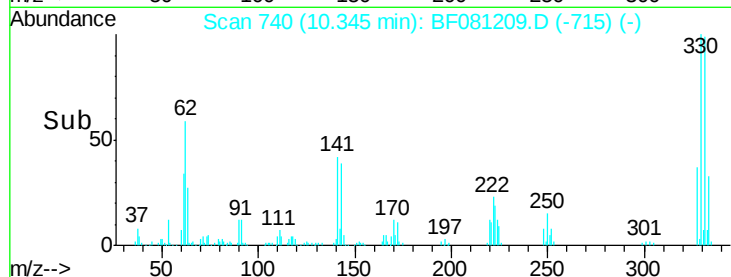
141 52.3 44.9 67.3



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: 56.64 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

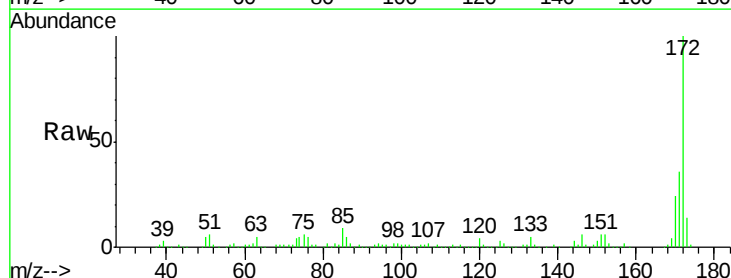
Tgt Ion:172 Resp: 525431

Ion Ratio Lower Upper

172 100

171 35.8 28.9 43.3

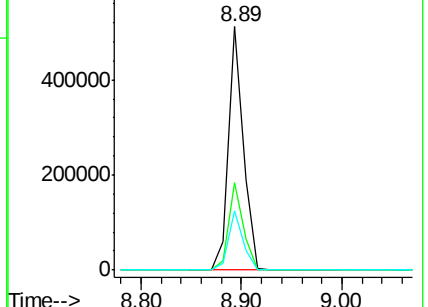
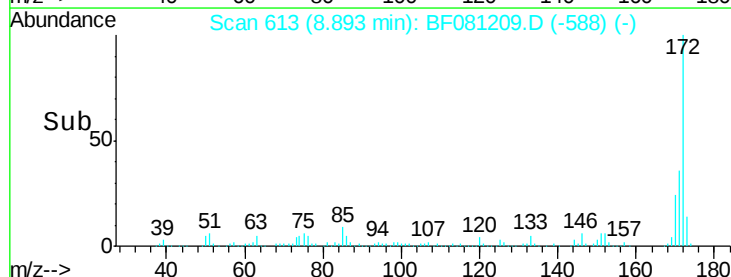
170 24.4 19.4 29.2

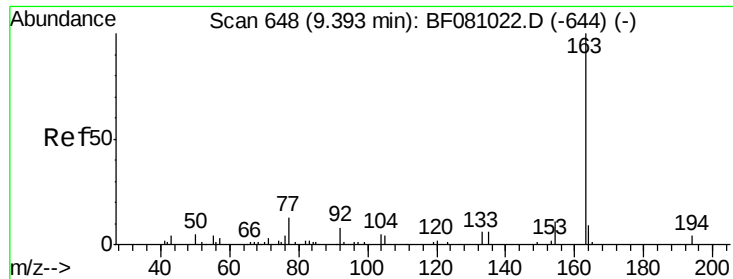


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

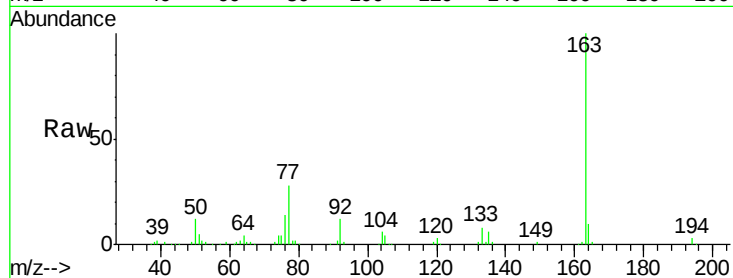




#49
Dimethylphthalate
Concen: 15.55 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

Instrument :
BNA_F
ClientSampleId :

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

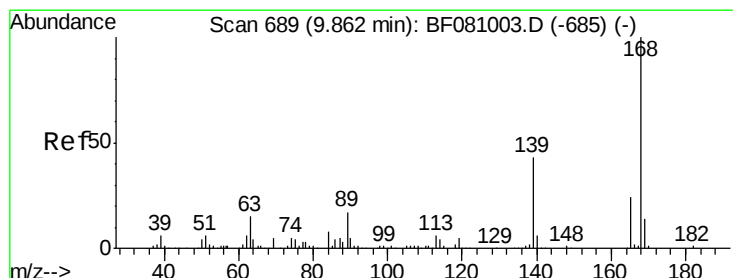
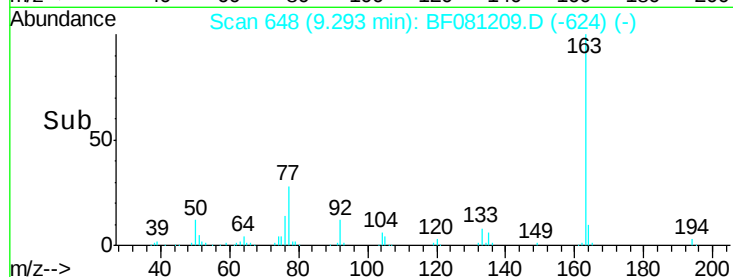
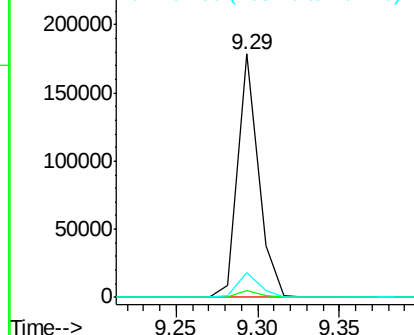


Abundance

Ion 163.00 (162.70 to 163.70): E

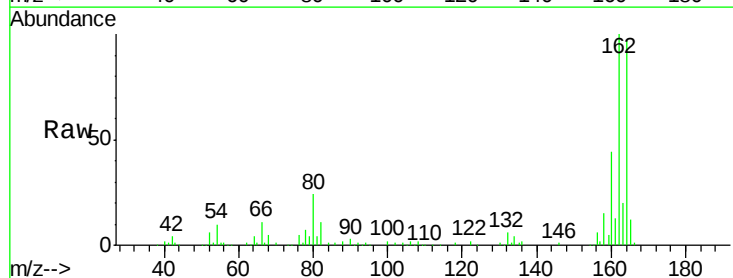
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56
2,4-Dinitrotoluene
Concen: 5.29 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



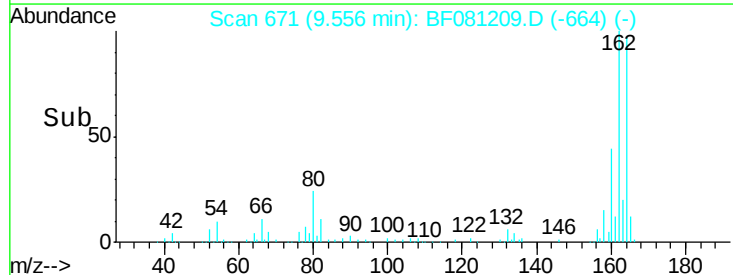
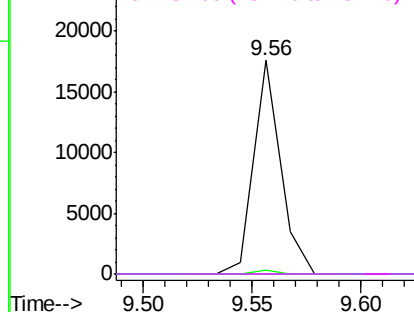
Abundance

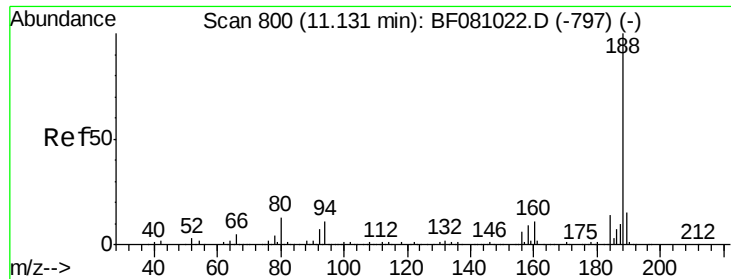
Ion 165.00 (164.70 to 165.70): E

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

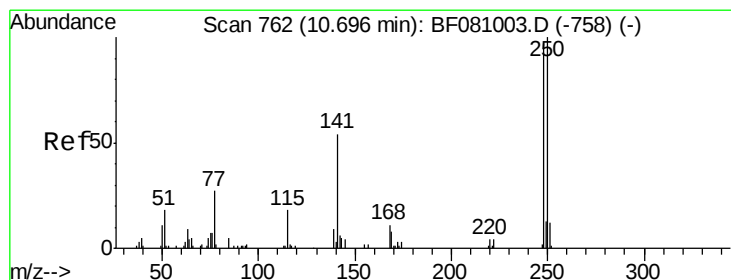
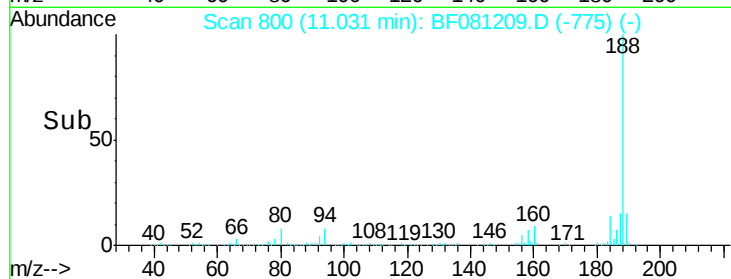
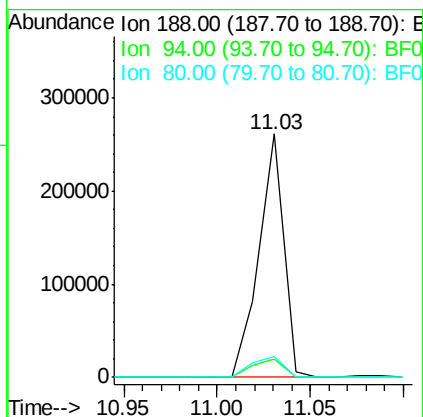
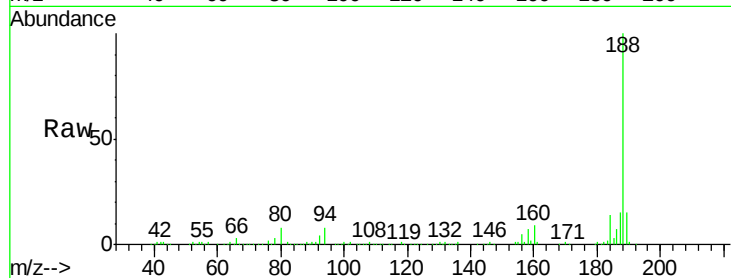




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

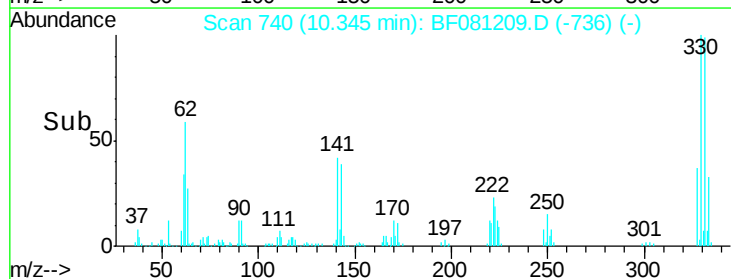
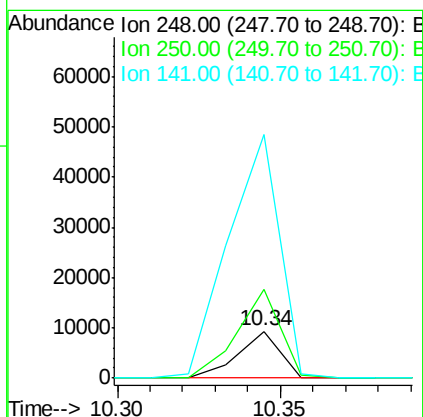
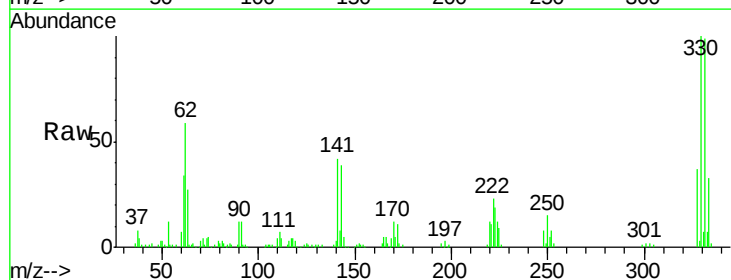
Instrument :
BNA_F
ClientSampleId :

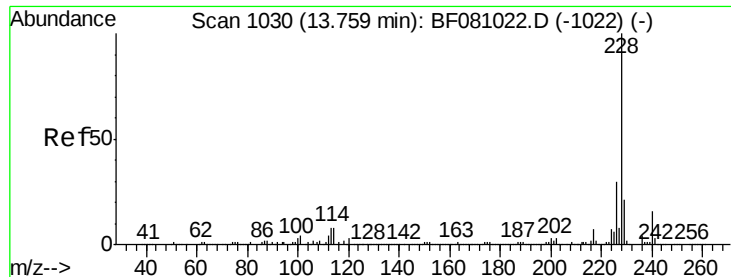
Tot Ion:188 Resp: 239828
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 8.4 9.5 14.3#



#66
4-Bromophenyl-phenylether
Concen: 3.45 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

Tgt Ion:248 Resp: 8138
Ion Ratio Lower Upper
248 100
250 190.8 77.8 116.6#
141 521.7 39.8 59.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.64 min Scan# 1028

Delta R.T. -0.02 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

Instrument :

BNA_F

ClientSampled :

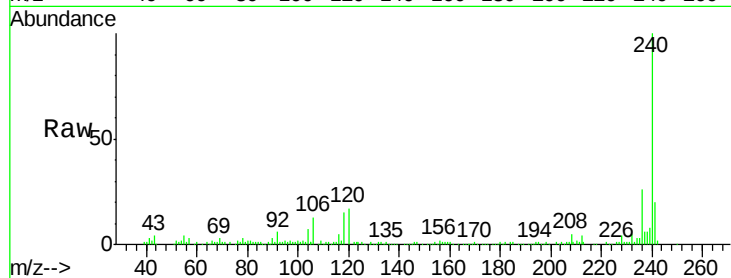
Tot Ion:240 Resp: 145275

Ion Ratio Lower Upper

240 100

120 17.0 5.6 8.4#

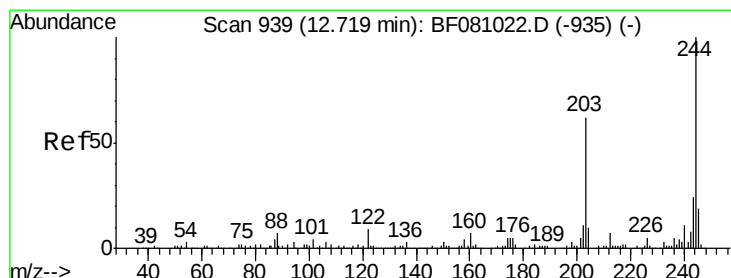
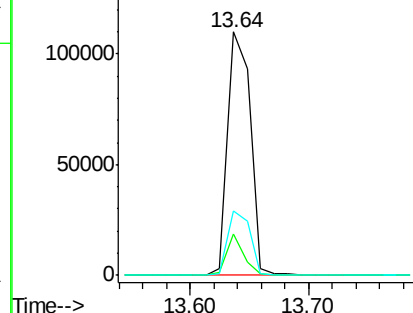
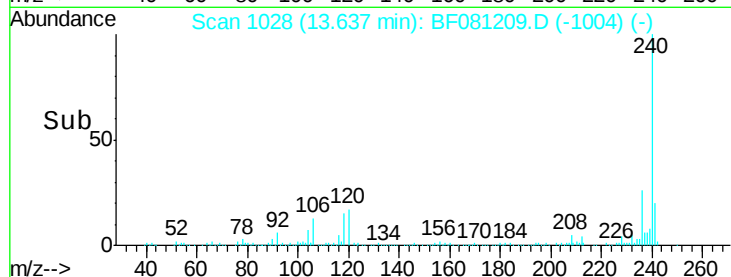
236 26.2 20.6 30.8



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: 59.75 ng

RT: 12.61 min Scan# 938

Delta R.T. -0.02 min

Lab File: BF081209.D

Acq: 25 Aug 2015 20:37

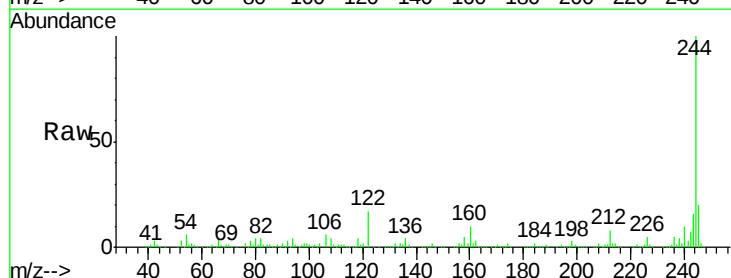
Tgt Ion:244 Resp: 404860

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

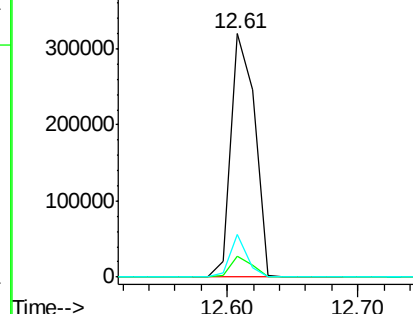
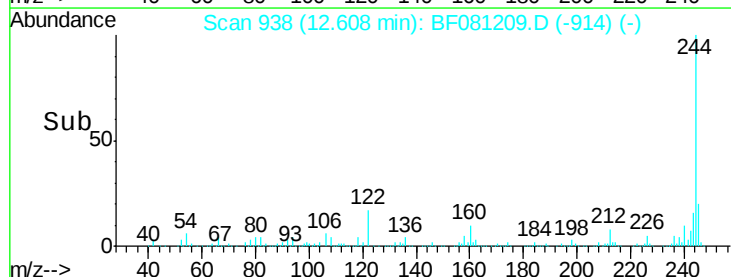
122 17.4 8.2 12.4#

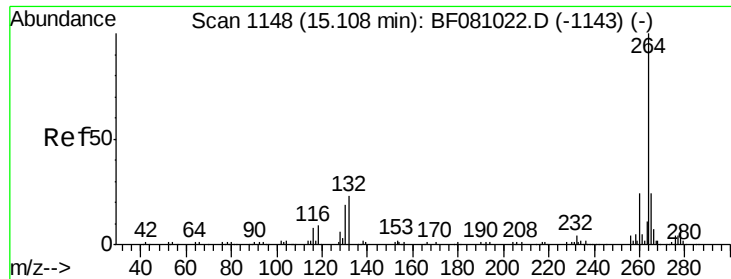


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

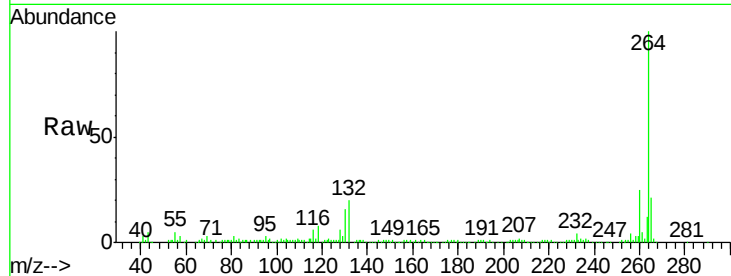




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.97 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF081209.D
Acq: 25 Aug 2015 20:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	21.4	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

