

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081206.D
 Acq On : 25 Aug 2015 19:03
 Operator : UM/IZ
 Sample : G3407-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:08:42 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

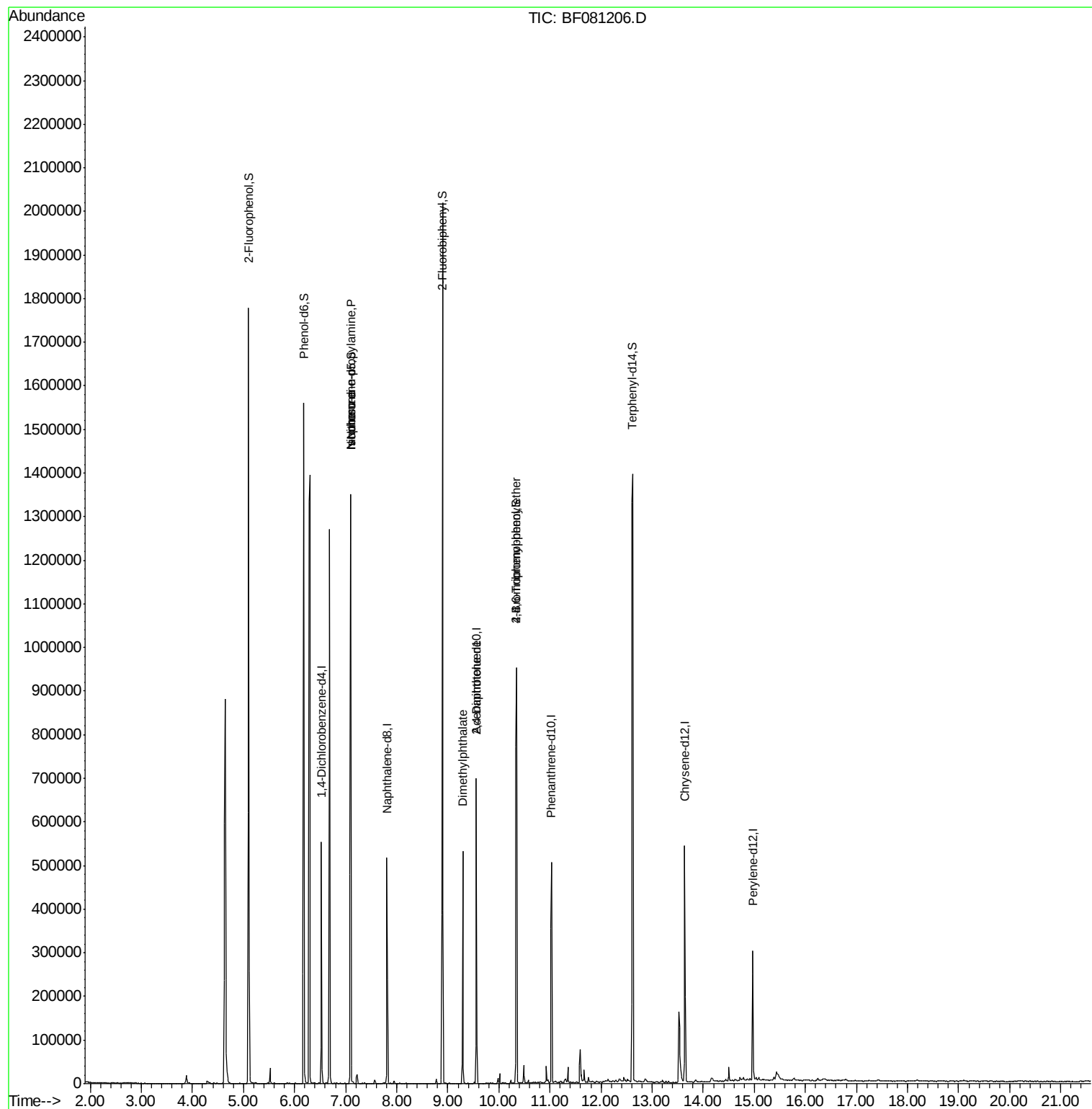
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	71734	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	252233	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	126490	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	241256	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	194099	20.00	ng	-0.02
86) Perylene-d12	14.97	264	145617	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	469141	98.37	ng	0.00
7) Phenol-d6	6.18	99	746673	119.99	ng	-0.01
23) Nitrobenzene-d5	7.10	82	436024	78.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	123102	112.27	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	622929	64.53	ng	-0.01
78) Terphenyl-d14	12.62	244	655022	72.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.10	70	60299	13.99	ng	# 67
25) Isophorone	7.10	82	323128	31.38	ng	# 71
49) Dimethylphthalate	9.29	163	174301	16.73	ng	100
56) 2,4-Dinitrotoluene	9.56	165	15543	5.24	ng	# 16
66) 4-Bromophenyl-phenylether	10.34	248	9497	4.01	ng	# 1

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

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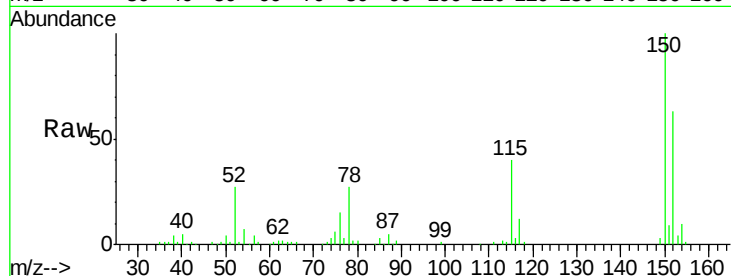


#1

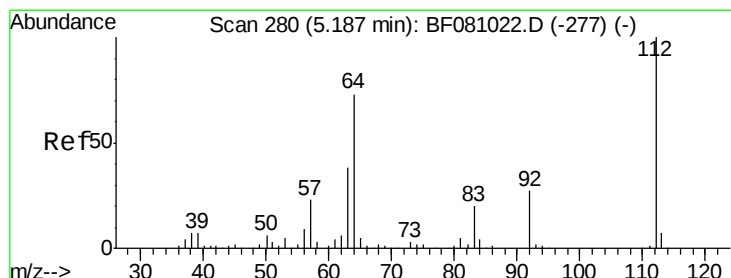
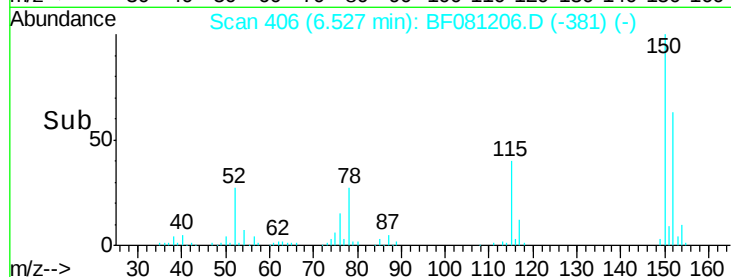
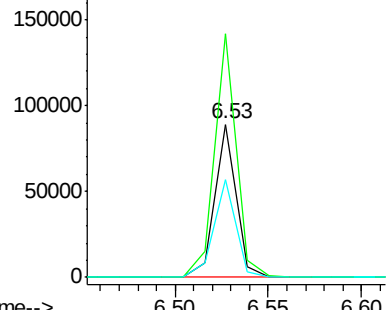
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71734
Ion Ratio Lower Upper
152 100
150 158.9 123.8 185.6
115 63.9 52.1 78.1



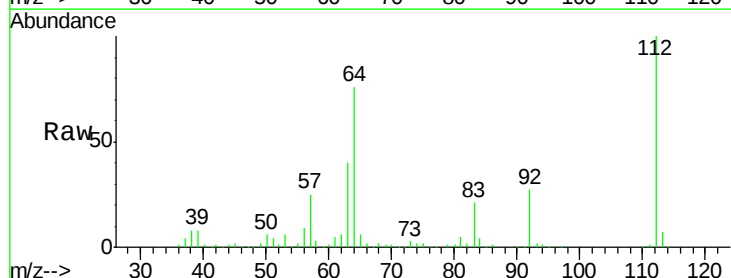
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



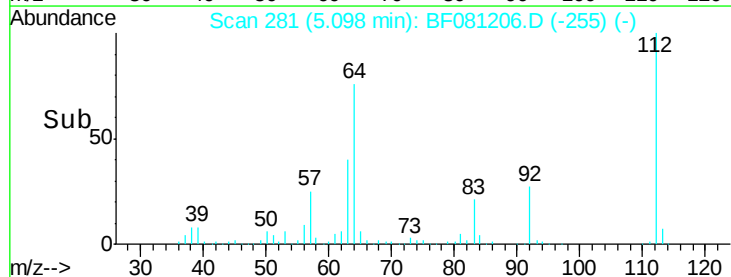
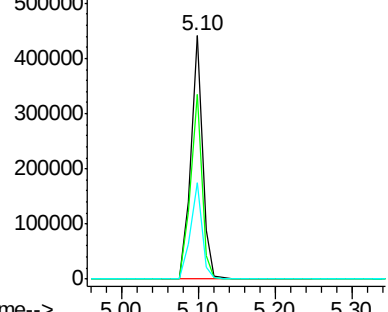
#5

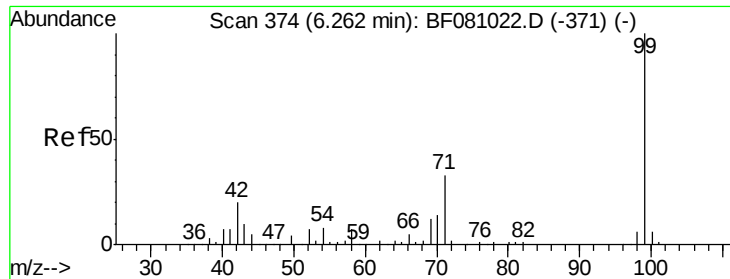
2-Fluorophenol
Concen: 98.37 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:112 Resp: 469141
Ion Ratio Lower Upper
112 100
64 75.7 66.9 100.3
63 39.7 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: 119.99 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

Instrument :

BNA_F

ClientSampleId :

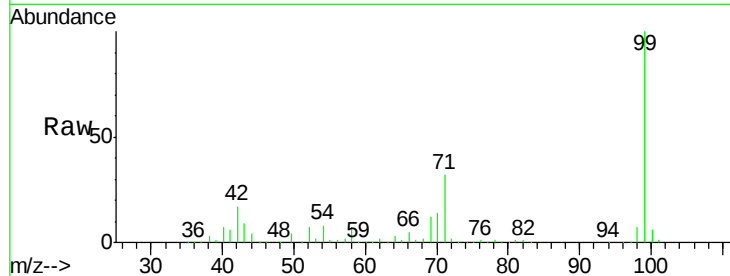
Tot Ion: 99 Resp: 746673

Ion Ratio Lower Upper

99 100

42 17.4 19.6 29.4#

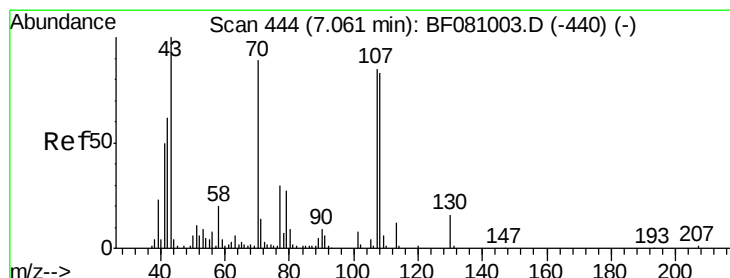
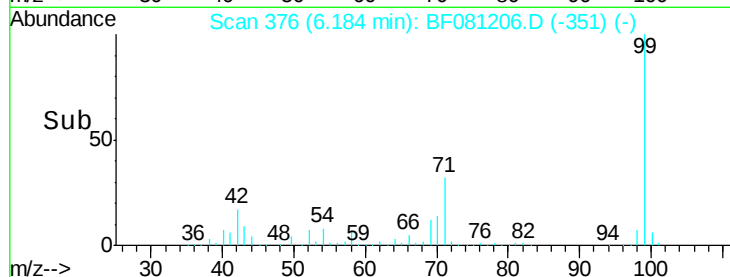
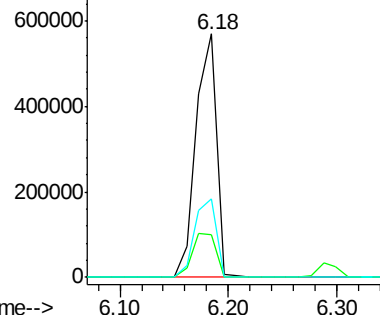
71 32.2 31.2 46.8



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.99 ng

RT: 7.10 min Scan# 456

Delta R.T. 0.11 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

Tgt Ion: 70 Resp: 60299

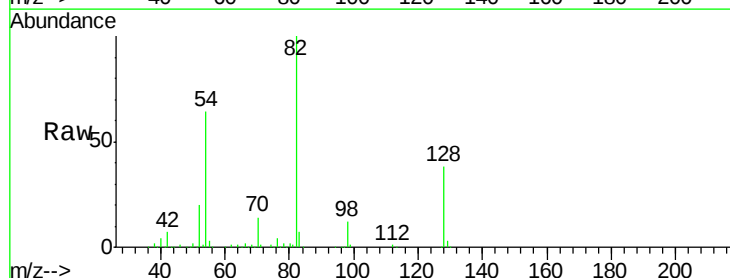
Ion Ratio Lower Upper

70 100

42 51.5 65.0 97.4#

101 0.0 7.4 11.2#

130 1.7 13.0 19.4#

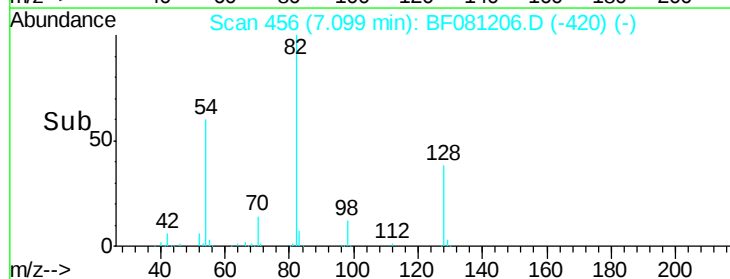
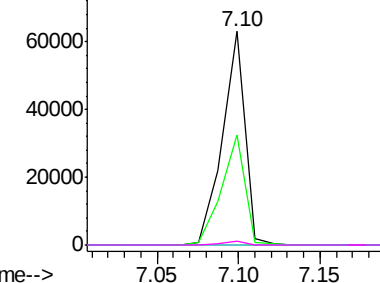


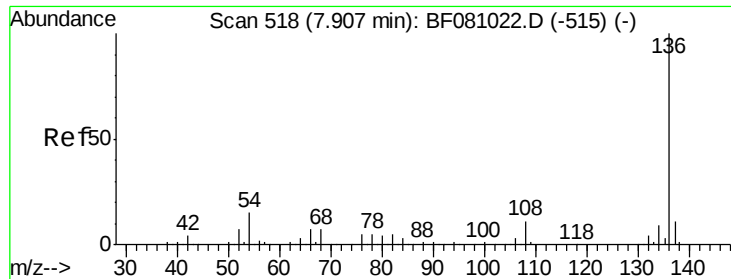
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

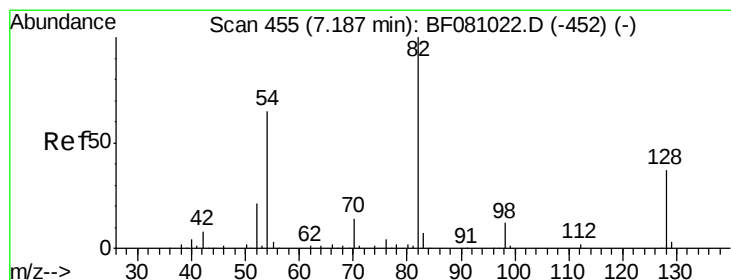
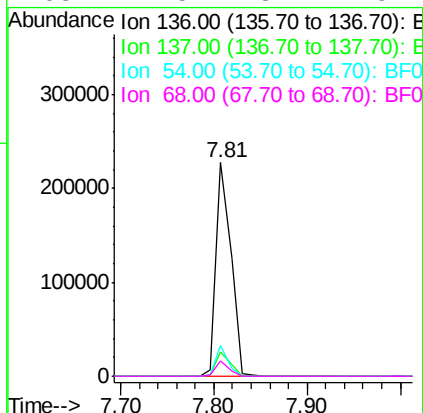
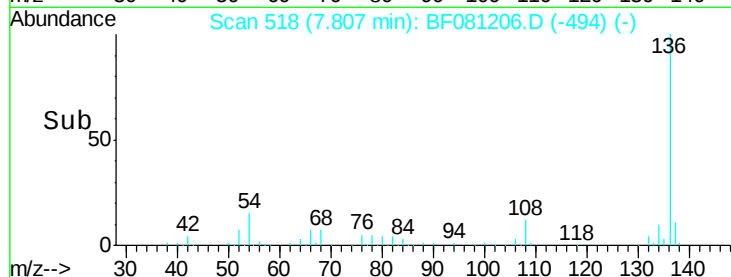
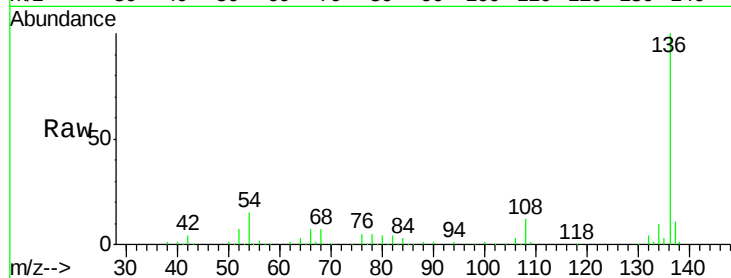




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

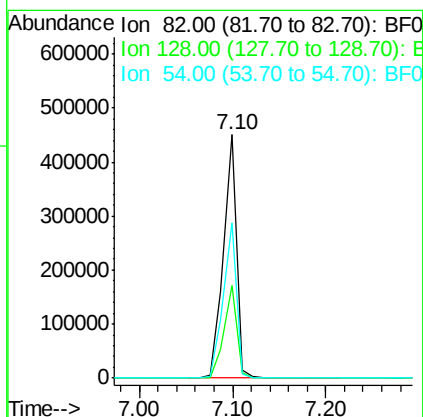
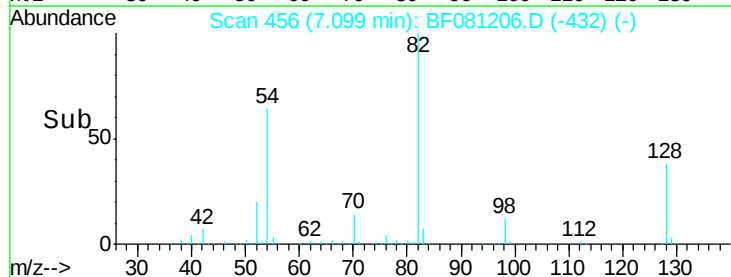
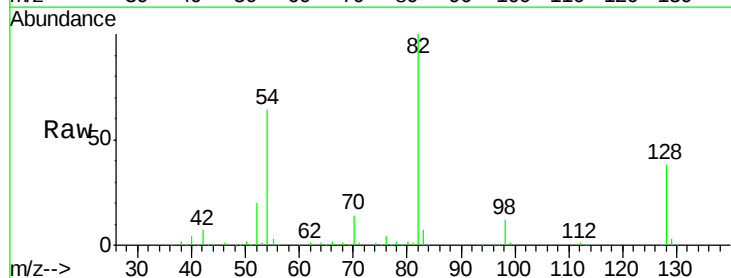
Instrument :
BNA_F
ClientSampleId :

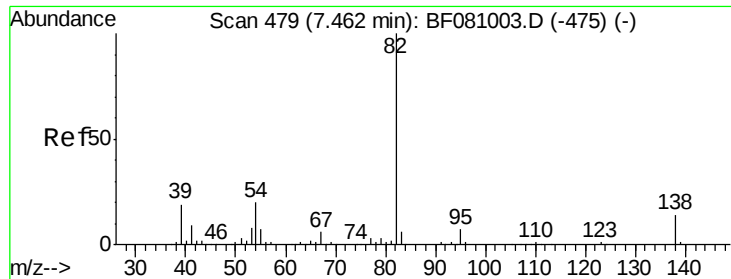
Tot Ion:	136	Resp:	252233
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.2
54	14.6	7.7	11.5#
68	7.5	3.4	5.2#



#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:	82	Resp:	436024
Ion	Ratio	Lower	Upper
82	100		
128	38.0	28.6	42.8
54	63.6	55.1	82.7





#25

Isophorone

Concen: 31.38 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

Instrument :

BNA_F

ClientSampleId :

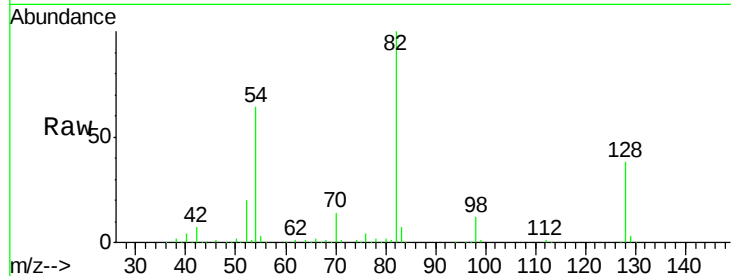
Tot Ion: 82 Resp: 323128

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

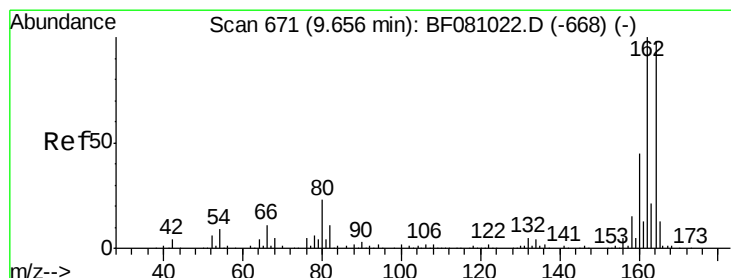
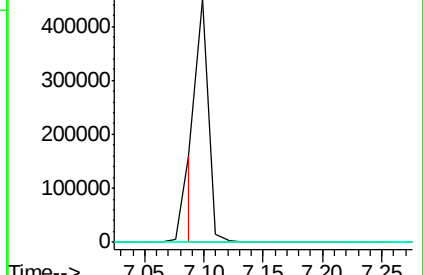
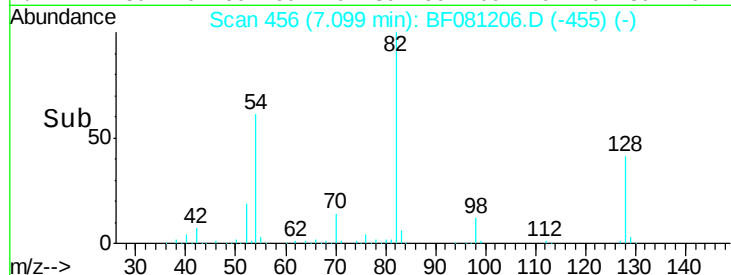
138 0.0 10.5 15.7#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.02 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

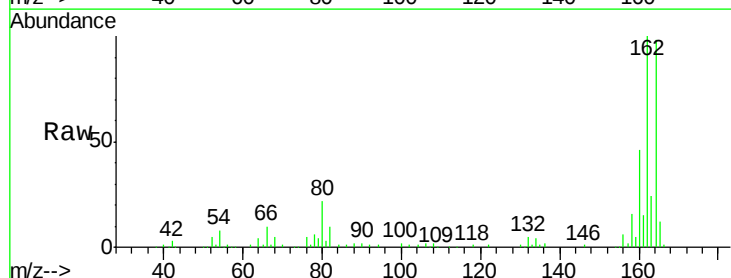
Tgt Ion: 164 Resp: 126490

Ion Ratio Lower Upper

164 100

162 101.9 83.8 125.8

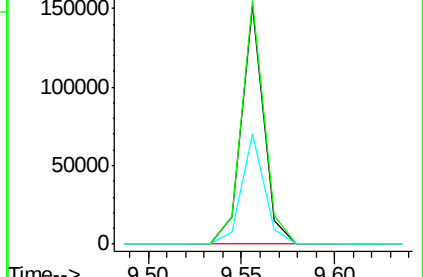
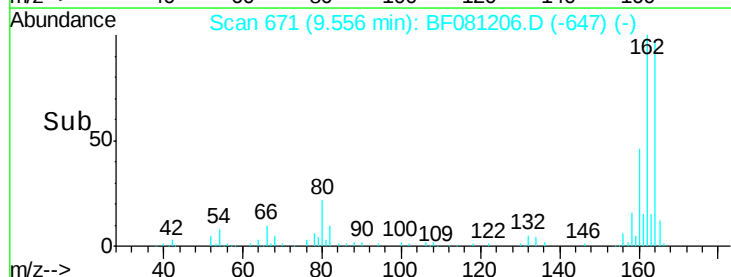
160 46.5 39.8 59.8



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: 112.27 ng

RT: 10.34 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

Instrument :
BNA_F
ClientSampleId :

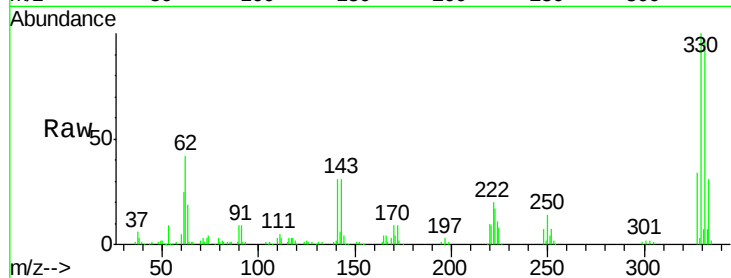
Tot Ion:330 Resp: 123102

Ion Ratio Lower Upper

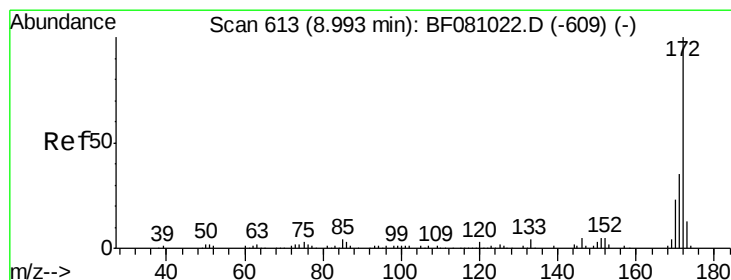
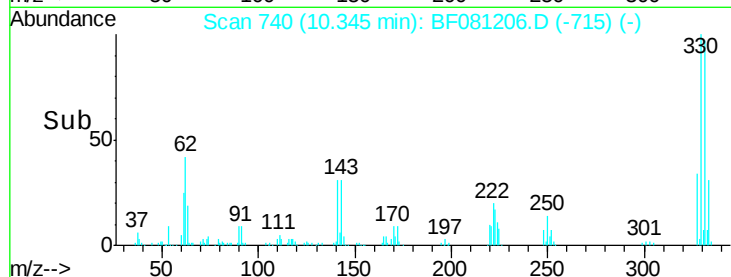
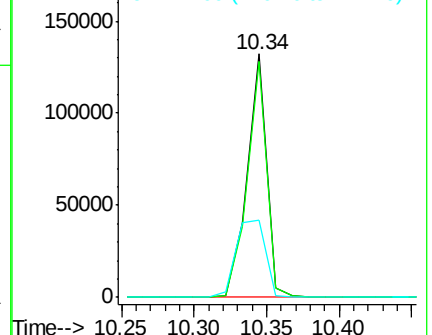
330 100

332 97.0 77.3 115.9

141 47.9 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: 64.53 ng

RT: 8.89 min Scan# 613

Delta R.T. -0.01 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

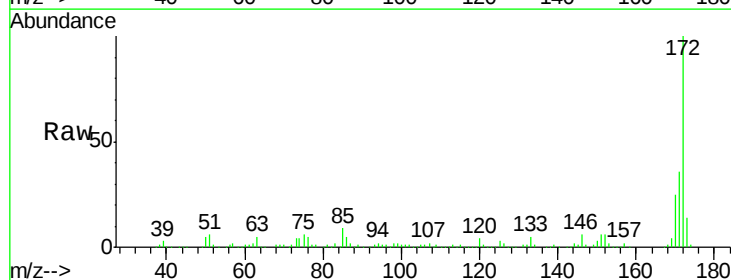
Tgt Ion:172 Resp: 622929

Ion Ratio Lower Upper

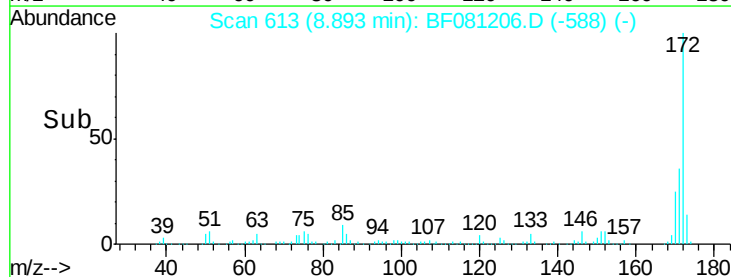
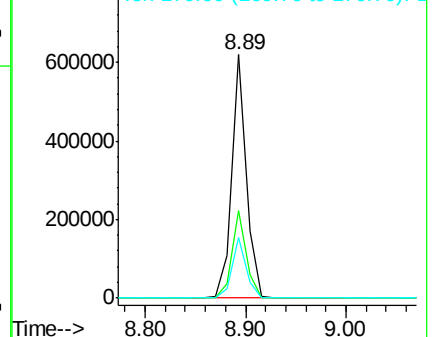
172 100

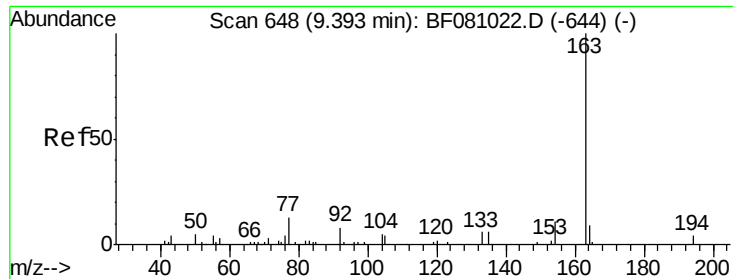
171 36.2 28.9 43.3

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

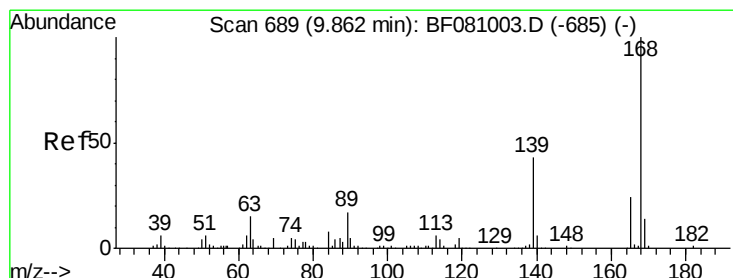
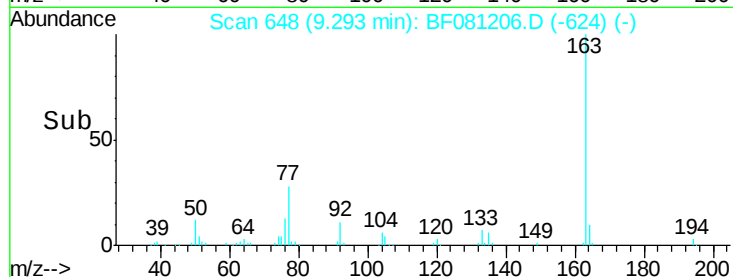
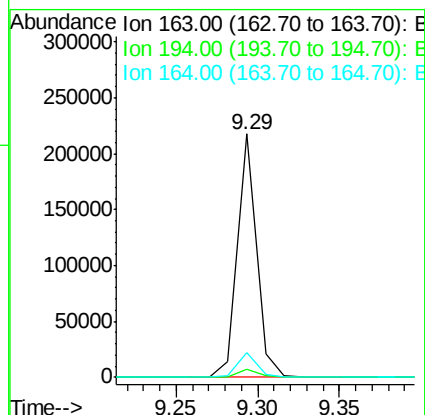
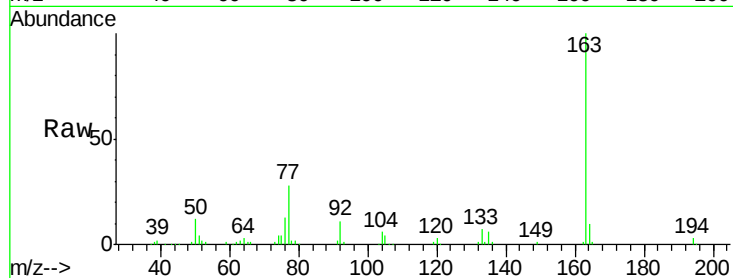




#49
Dimethylphthalate
Concen: 16.73 ng
RT: 9.29 min Scan# 648
Delta R.T. -0.02 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

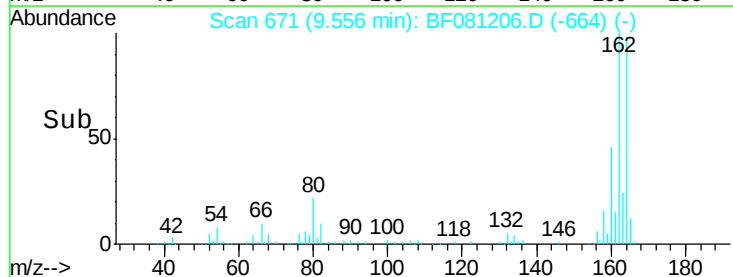
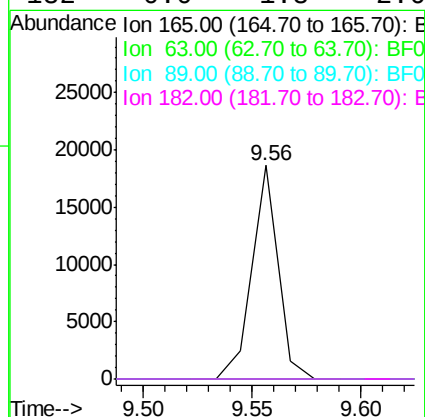
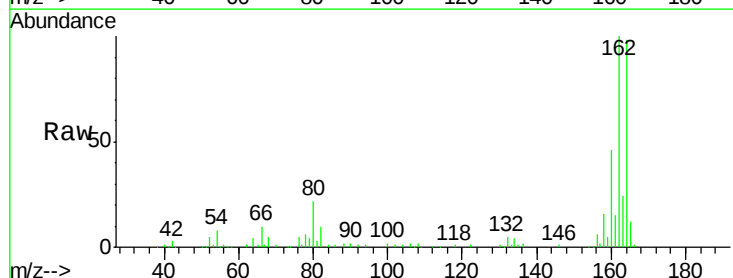
Instrument :
BNA_F
ClientSampled :

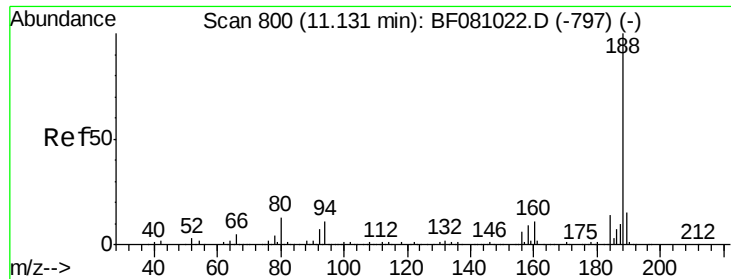
Tot Ion:163 Resp: 174301
Ion Ratio Lower Upper
163 100
194 3.1 2.5 3.7
164 10.1 8.1 12.1



#56
2,4-Dinitrotoluene
Concen: 5.24 ng
RT: 9.56 min Scan# 671
Delta R.T. -0.22 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:165 Resp: 15543
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#

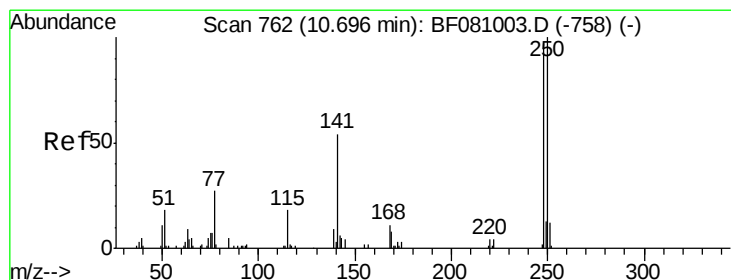
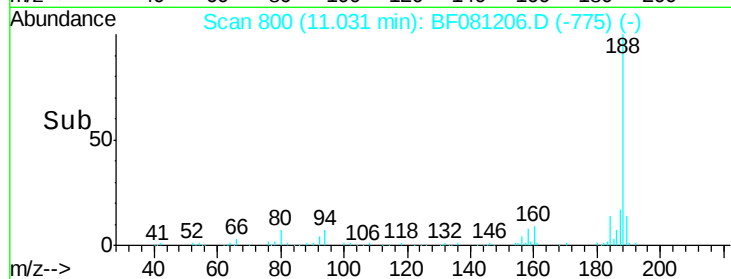
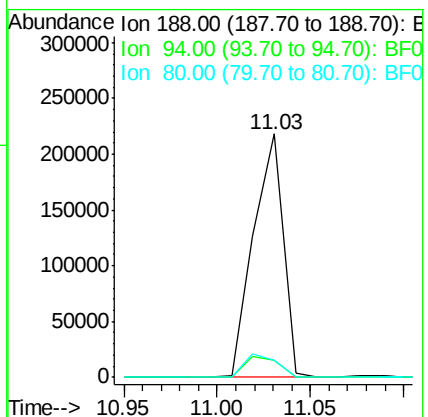
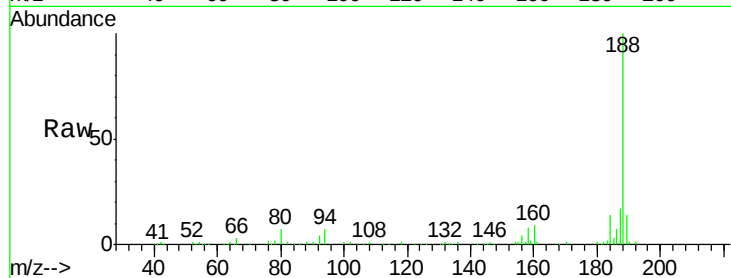




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

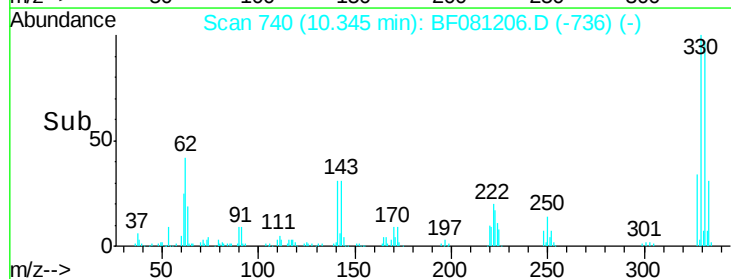
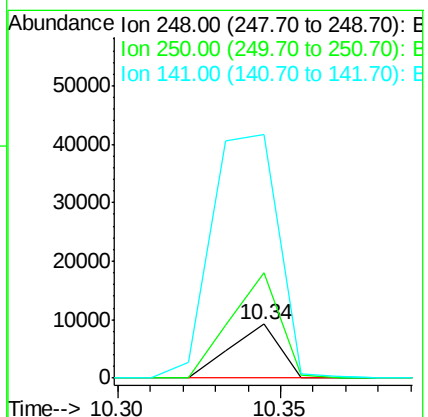
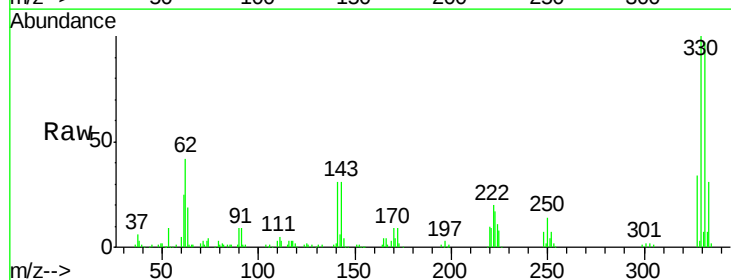
Instrument :
BNA_F
ClientSampleId :

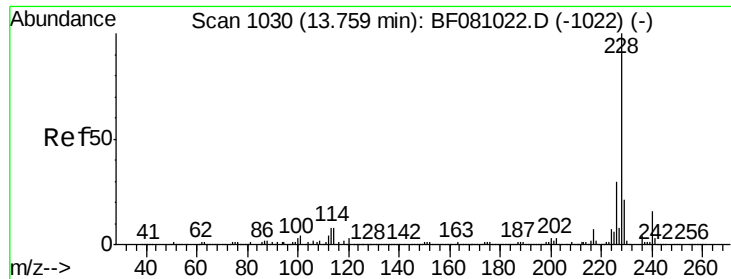
Tot Ion:188 Resp: 241256
Ion Ratio Lower Upper
188 100
94 6.8 8.2 12.2#
80 7.1 9.5 14.3#



#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF081206.D
Acq: 25 Aug 2015 19:03

Tgt Ion:248 Resp: 9497
Ion Ratio Lower Upper
248 100
250 194.2 77.8 116.6#
141 450.5 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: BF081206.D

Acq: 25 Aug 2015 19:03

Instrument :

BNA_F

ClientSampleId :

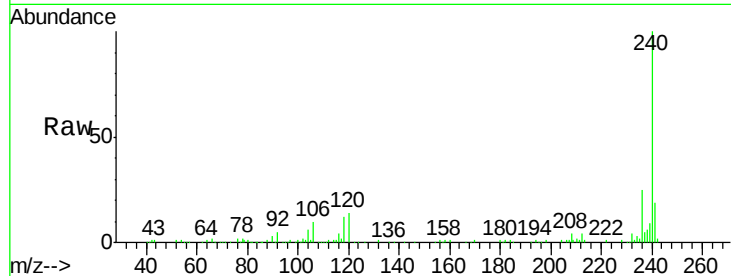
Tot Ion:240 Resp: 194099

Ion Ratio Lower Upper

240 100

120 14.5 5.6 8.4#

236 25.5 20.6 30.8

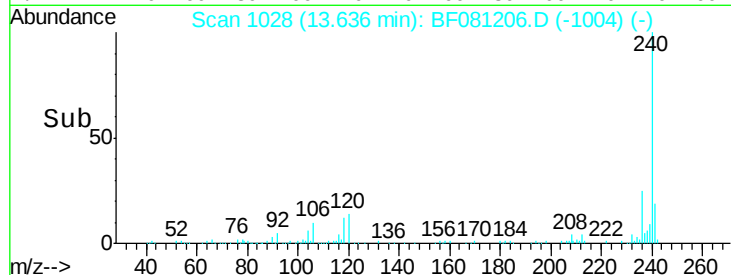


Abundance Ion 240.00 (239.70 to 240.70): E

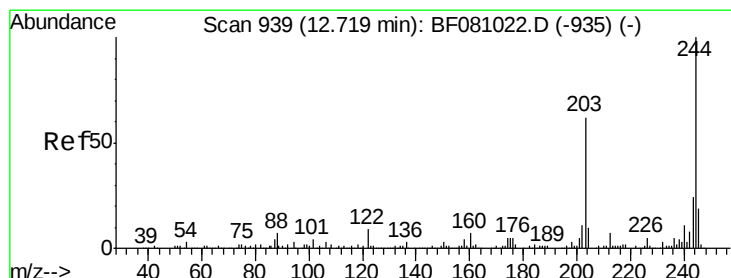
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.64



Time-->



#78

Terphenyl-d14

Concen: 72.35 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081206.D

Acq: 25 Aug 2015 19:03

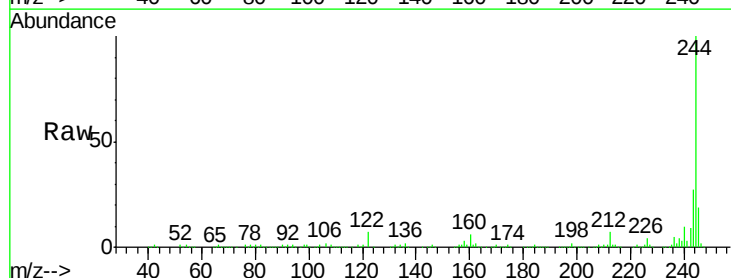
Tgt Ion:244 Resp: 655022

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 6.8 8.2 12.4#

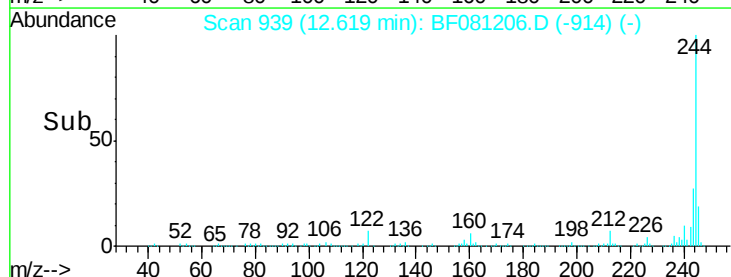


Abundance Ion 244.00 (243.70 to 244.70): E

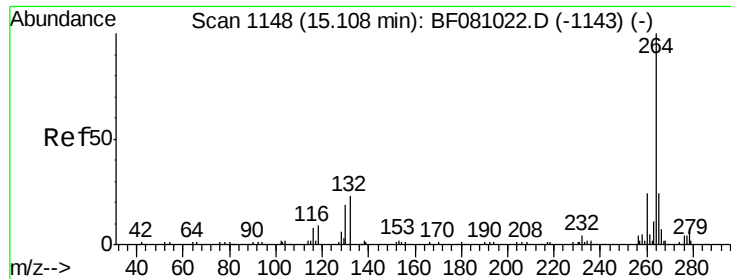
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.62



Time-->



#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.97 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF081206.D
 Acq: 25 Aug 2015 19:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.4	17.5	26.3

