

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082515\
 Data File : BF081205.D
 Acq On : 25 Aug 2015 18:32
 Operator : UM/IZ
 Sample : G3407-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 26 00:08:29 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

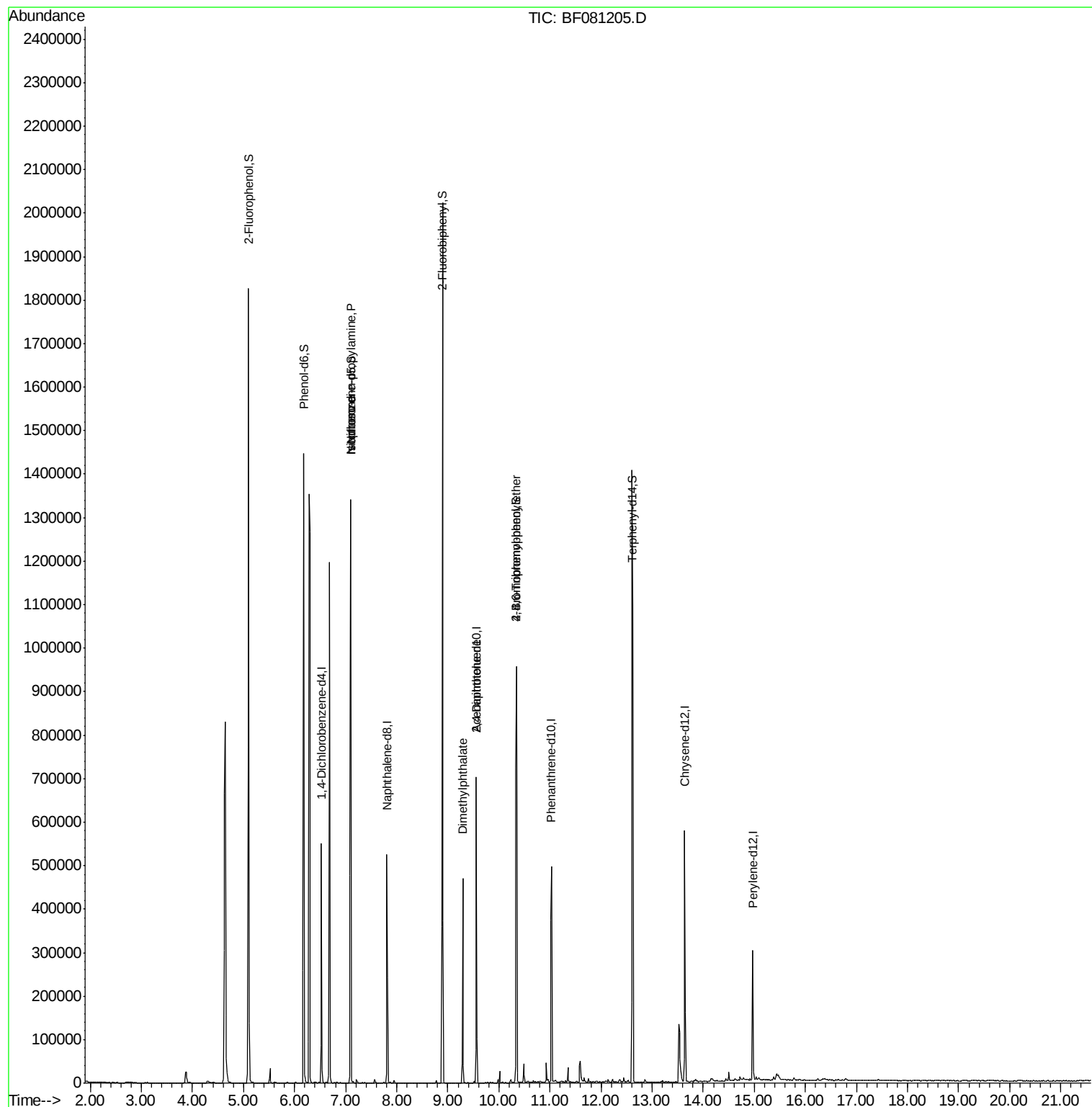
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	71596	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	257267	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	126564	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	242198	20.00	ng	-0.01
75) Chrysene-d12	13.64	240	192659	20.00	ng	-0.02
86) Perylene-d12	14.97	264	162357	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	474790	99.74	ng	0.00
7) Phenol-d6	6.18	99	723304	116.46	ng	-0.01
23) Nitrobenzene-d5	7.10	82	432248	76.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	119220	108.67	ng	-0.01
44) 2-Fluorobiphenyl	8.89	172	613229	63.49	ng	-0.01
78) Terphenyl-d14	12.62	244	602607	67.06	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.10	70	59689	13.87	ng	# 68
25) Isophorone	7.10	82	320232	30.49	ng	# 71
49) Dimethylphthalate	9.29	163	159087	15.26	ng	99
56) 2,4-Dinitrotoluene	9.56	165	15351	5.18	ng	# 18
66) 4-Bromophenyl-phenylether	10.34	248	9365	3.94	ng	# 1

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

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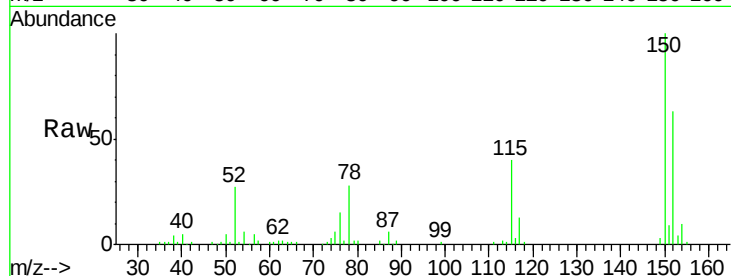


#1

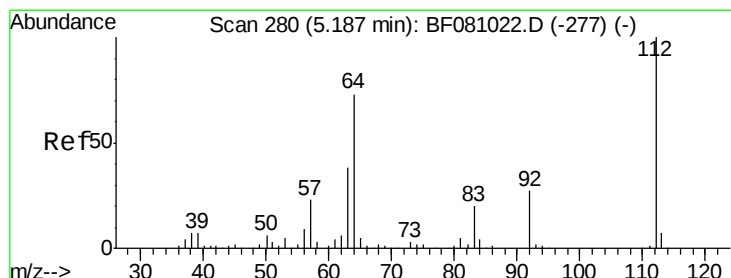
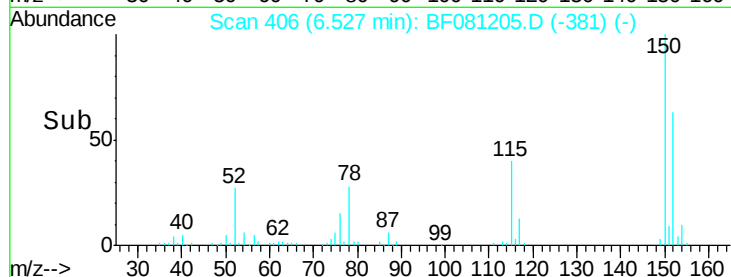
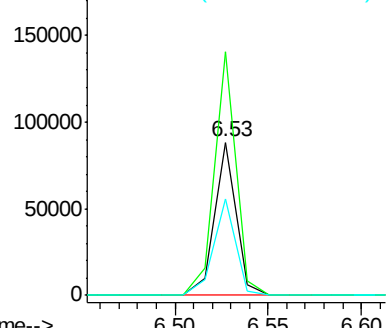
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 406
Delta R.T. -0.01 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 71596
Ion Ratio Lower Upper
152 100
150 159.3 123.8 185.6
115 63.1 52.1 78.1



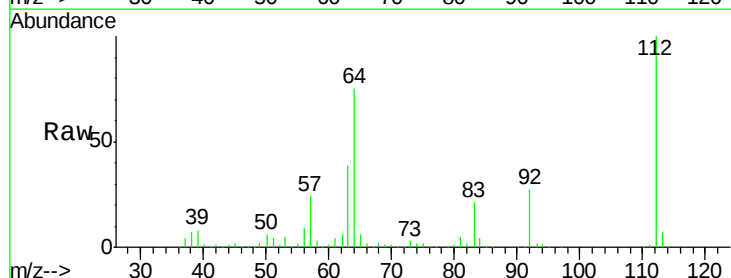
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



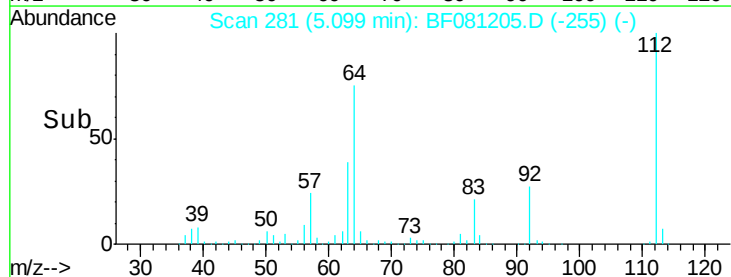
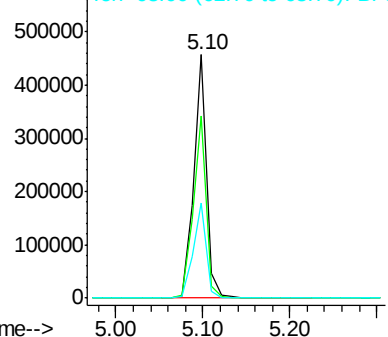
#5

2-Fluorophenol
Concen: 99.74 ng
RT: 5.10 min Scan# 281
Delta R.T. -0.00 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

Tgt Ion:112 Resp: 474790
Ion Ratio Lower Upper
112 100
64 75.0 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: 116.46 ng

RT: 6.18 min Scan# 376

Delta R.T. -0.01 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

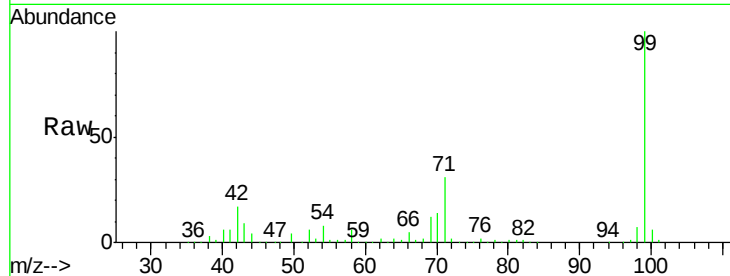
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 723304

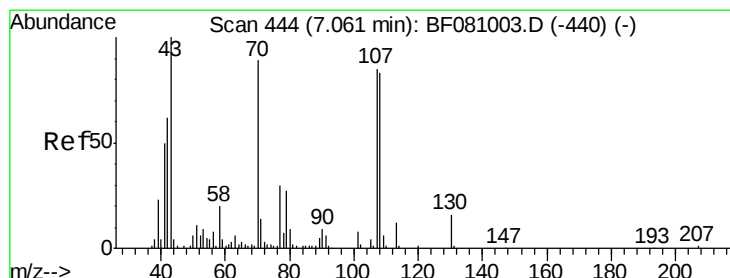
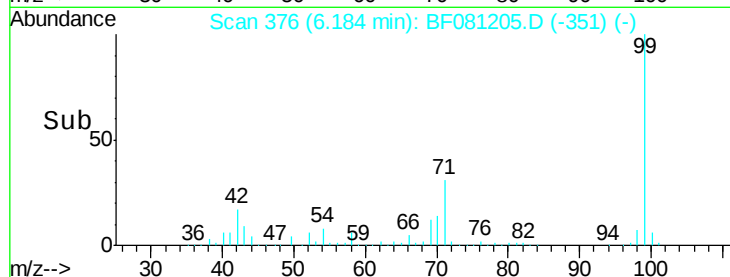
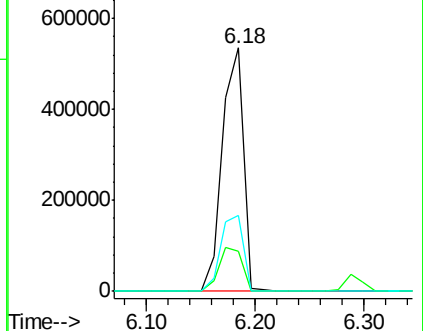
Ion	Ratio	Lower	Upper
99	100		
42	16.6	19.6	29.4#
71	31.4	31.2	46.8



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: 13.87 ng

RT: 7.10 min Scan# 456

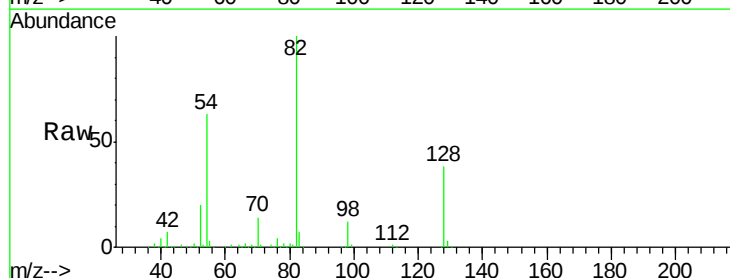
Delta R.T. 0.11 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

Tgt Ion: 70 Resp: 59689

Ion	Ratio	Lower	Upper
70	100		
42	52.0	65.0	97.4#
101	0.0	7.4	11.2#
130	1.8	13.0	19.4#

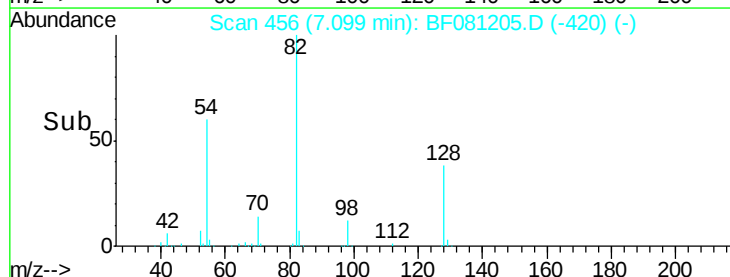
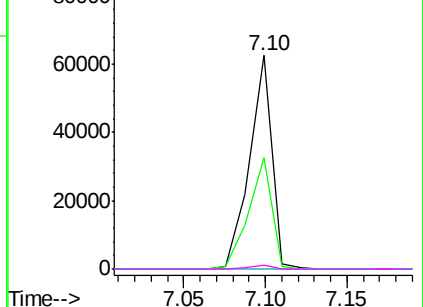


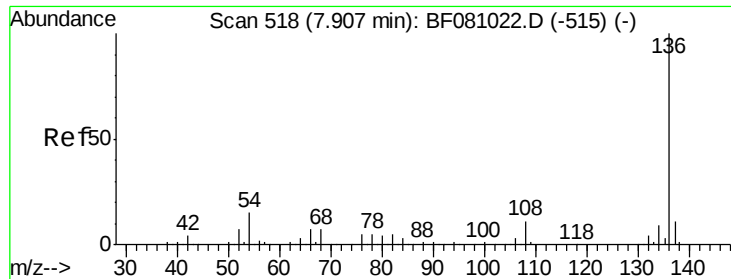
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

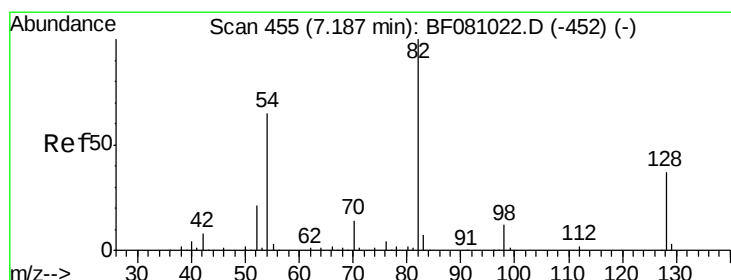
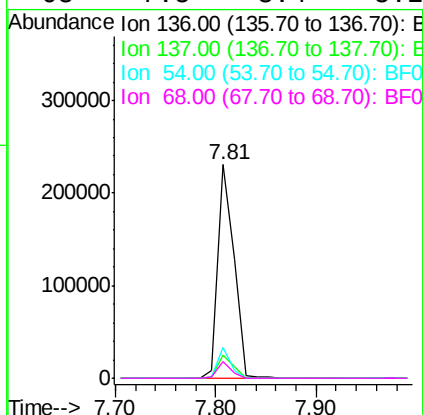
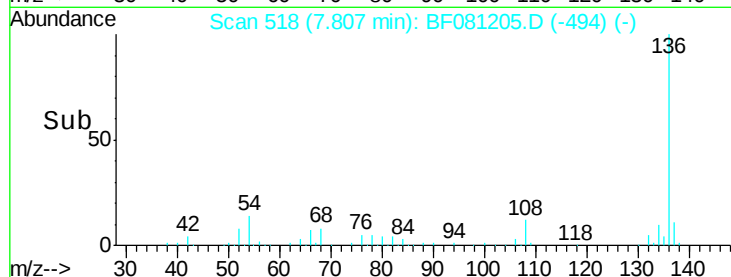
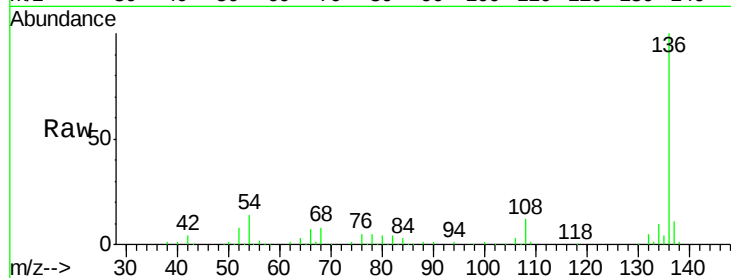




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

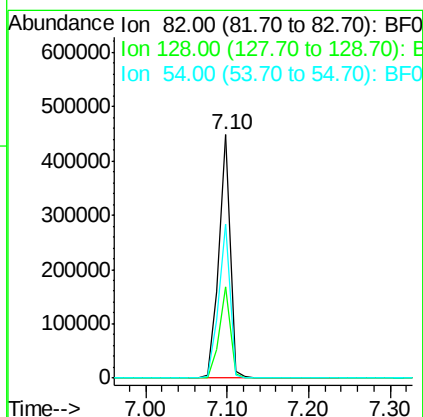
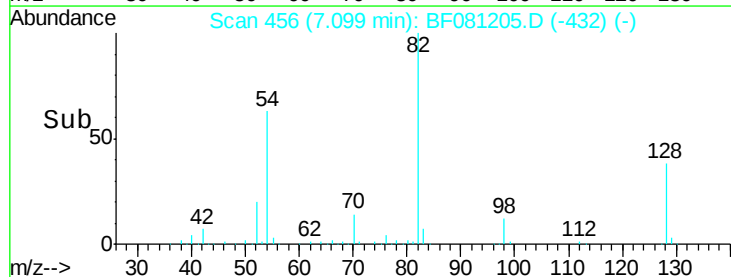
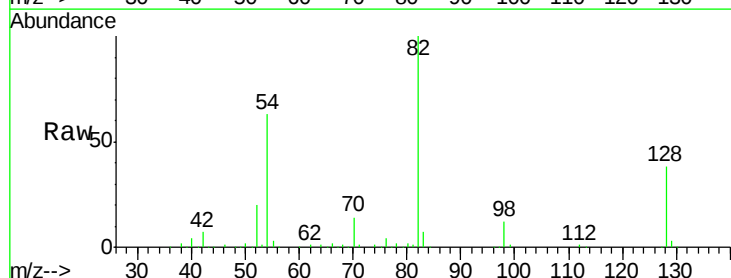
Instrument :
BNA_F
ClientSampleId :

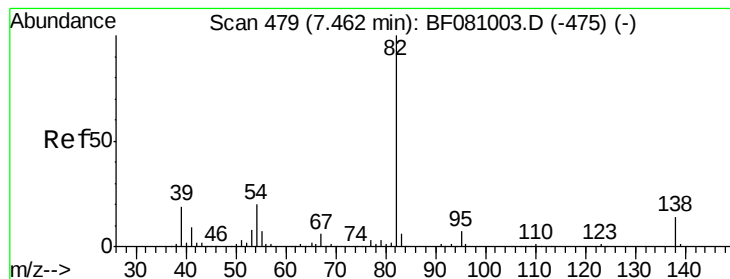
Tot Ion:136	Resp:	257267
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.2 12.2
54	14.3	7.7 11.5#
68	7.5	3.4 5.2#



#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 7.10 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

Tgt Ion: 82	Resp:	432248
Ion Ratio	Lower	Upper
82	100	
128	37.7	28.6 42.8
54	63.1	55.1 82.7





#25

Isophorone

Concen: 30.49 ng

RT: 7.10 min Scan# 456

Delta R.T. -0.29 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

Instrument :

BNA_F

ClientSampled :

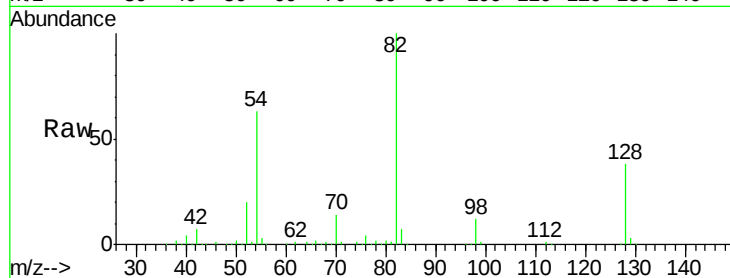
Tot Ion: 82 Resp: 320232

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

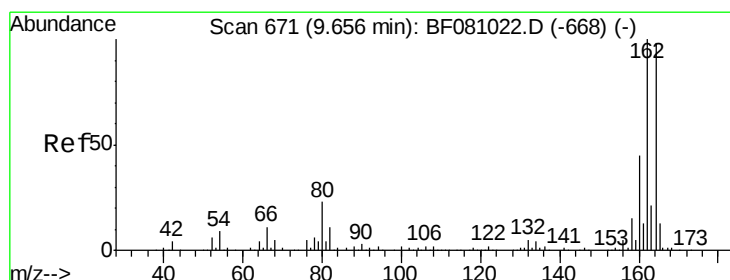
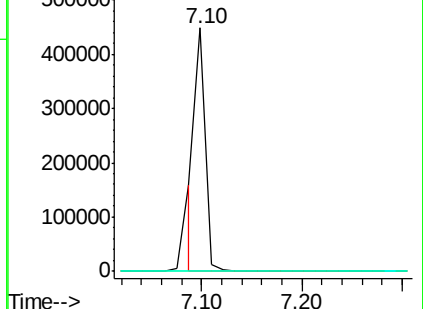
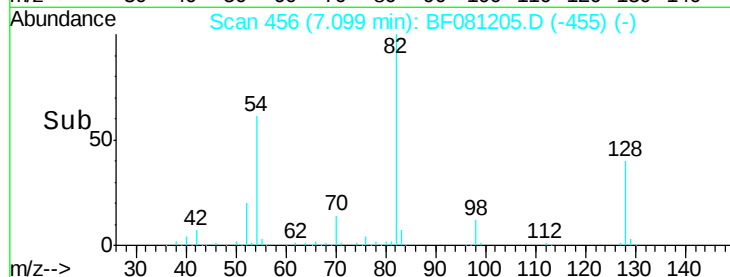
138 0.0 10.5 15.7#



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: BF081205.D

Acq: 25 Aug 2015 18:32

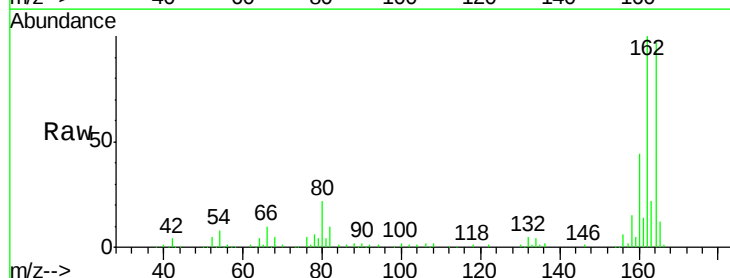
Tgt Ion: 164 Resp: 126564

Ion Ratio Lower Upper

164 100

162 103.5 83.8 125.8

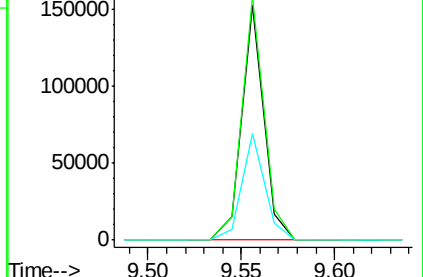
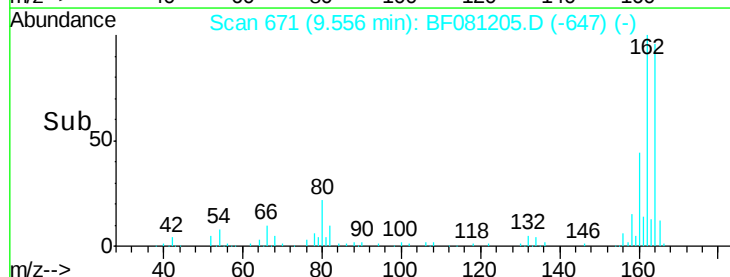
160 45.5 39.8 59.8



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

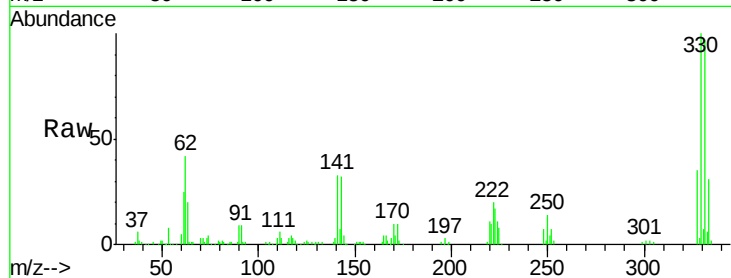




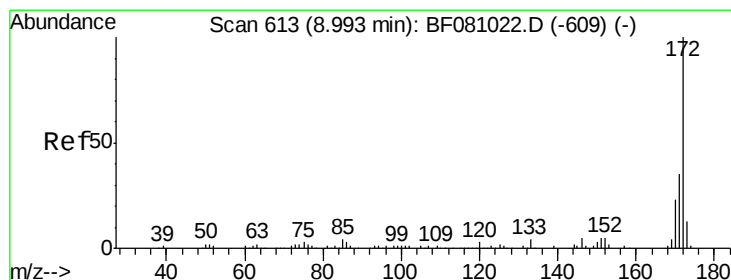
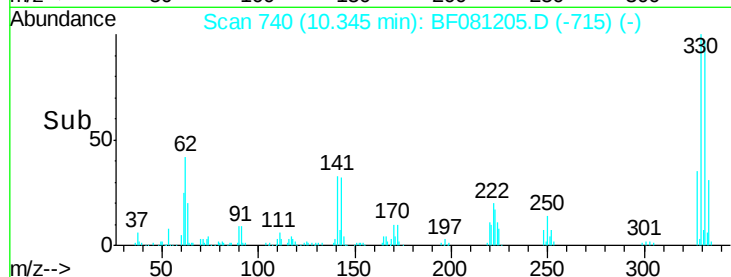
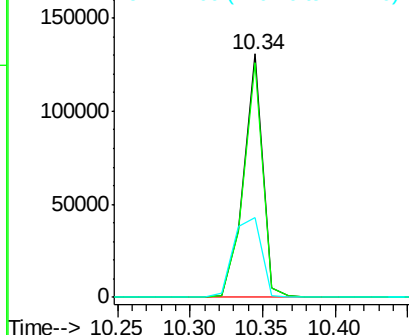
#41
 2,4,6-Tribromophenol
 Concen: 108.67 ng
 RT: 10.34 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF081205.D
 Acq: 25 Aug 2015 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	48.6	44.9	67.3

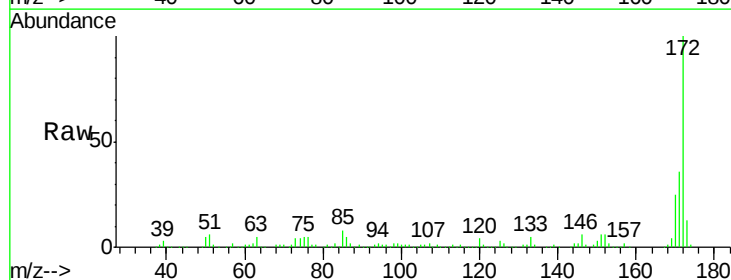


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

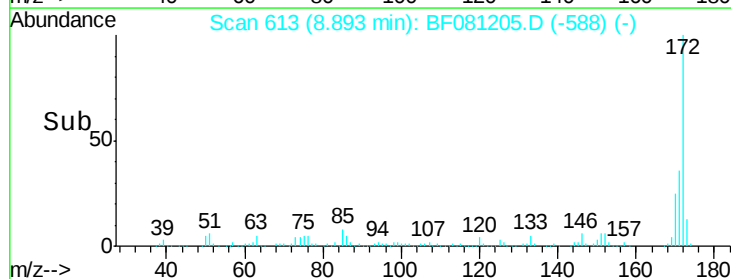
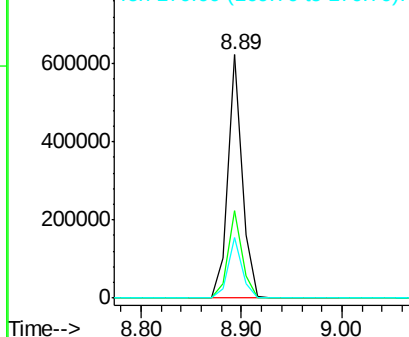


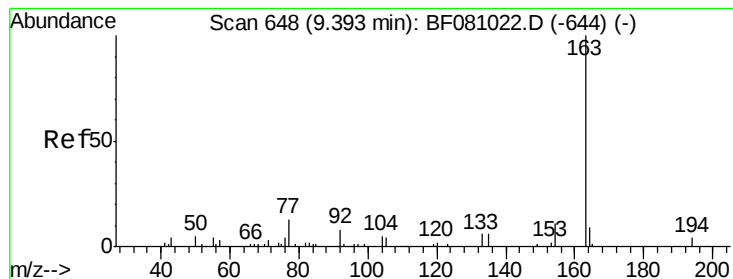
#44
 2-Fluorobiphenyl
 Concen: 63.49 ng
 RT: 8.89 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF081205.D
 Acq: 25 Aug 2015 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.9	43.3
170	24.9	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: 15.26 ng

RT: 9.29 min Scan# 648

Delta R.T. -0.02 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

Instrument :

BNA_F

ClientSampleId :

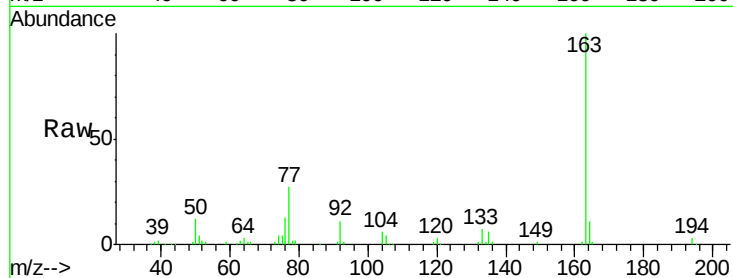
Tot Ion:163 Resp: 159087

Ion Ratio Lower Upper

163 100

194 2.9 2.5 3.7

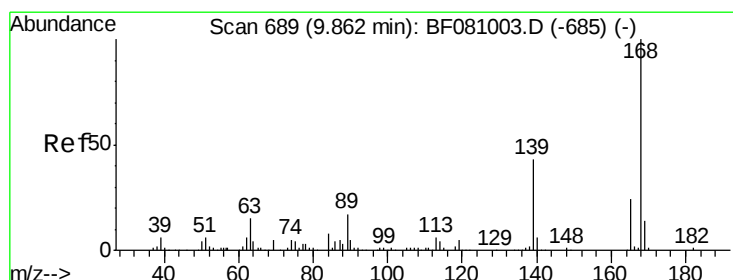
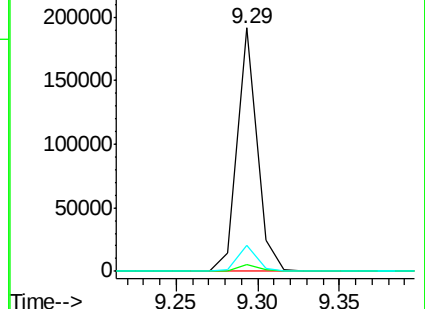
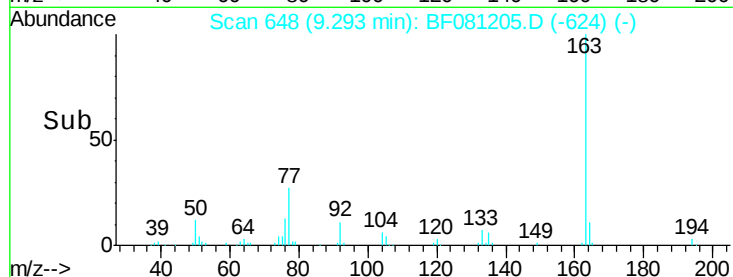
164 10.5 8.1 12.1



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: 5.18 ng

RT: 9.56 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

Tgt Ion:165 Resp: 15351

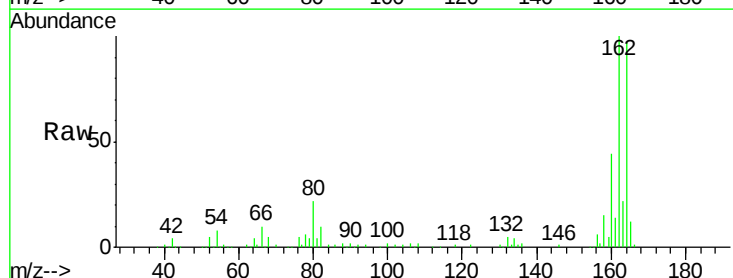
Ion Ratio Lower Upper

165 100

63 1.9 52.2 78.4#

89 1.9 60.1 90.1#

182 0.0 1.8 2.6#

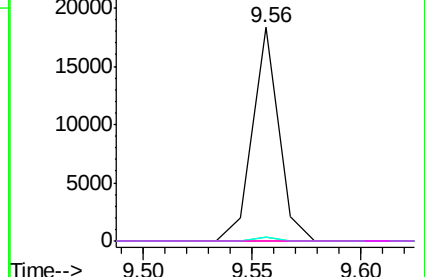
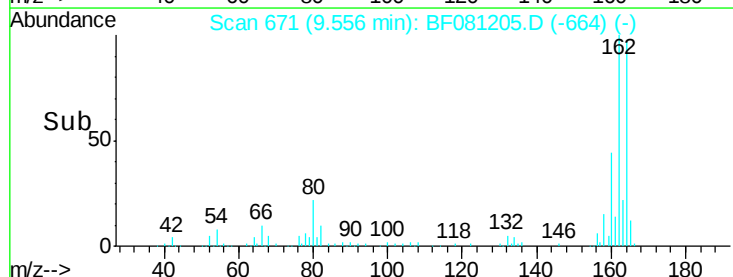


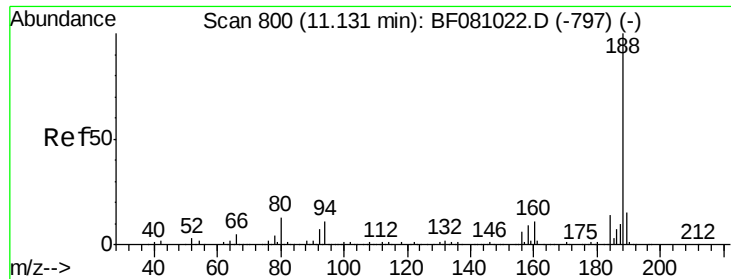
Abundance Ion 165.00 (164.70 to 165.70): E

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

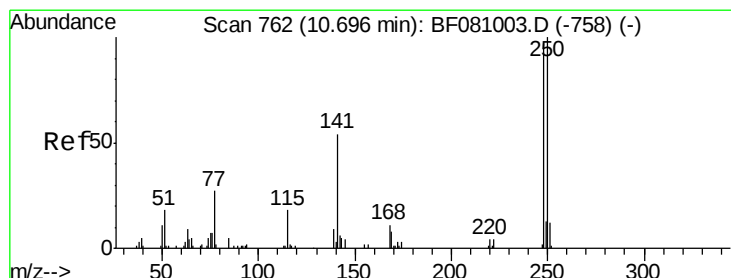
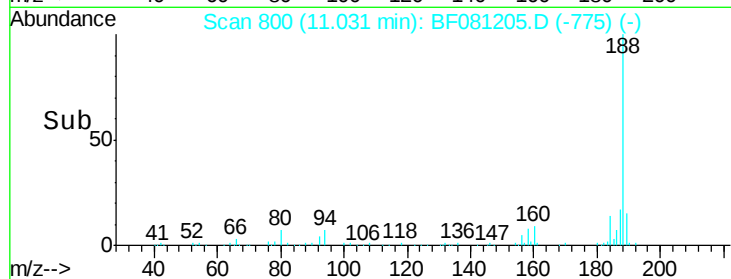
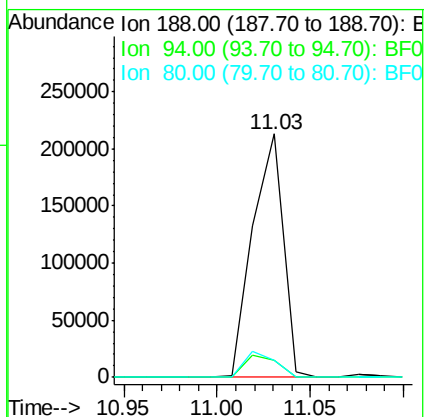
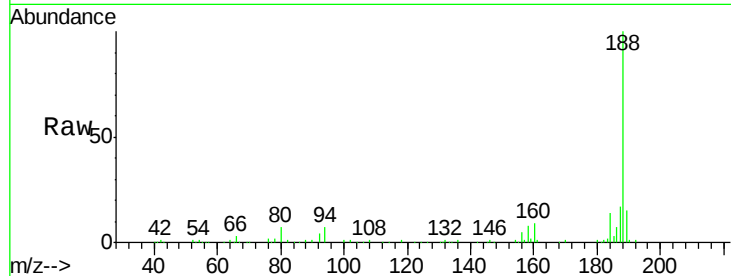




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

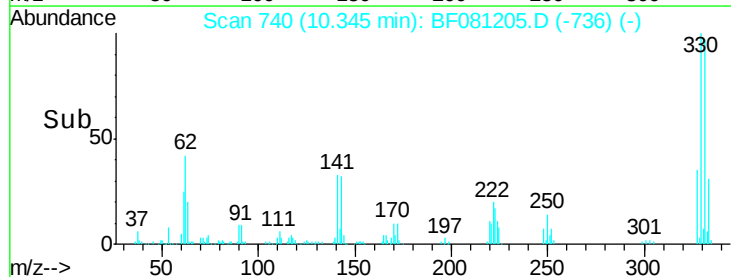
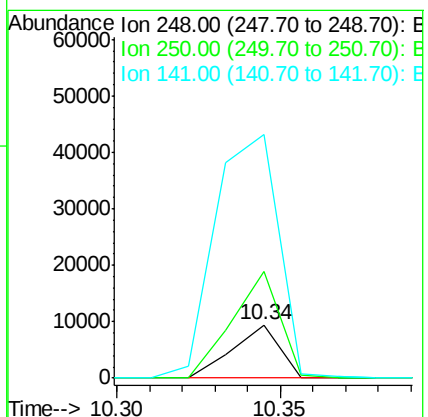
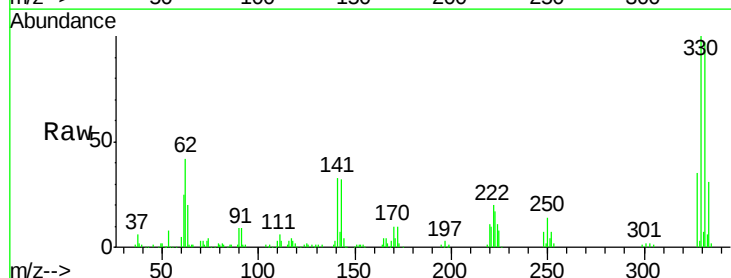
Instrument :
BNA_F
ClientSampled :

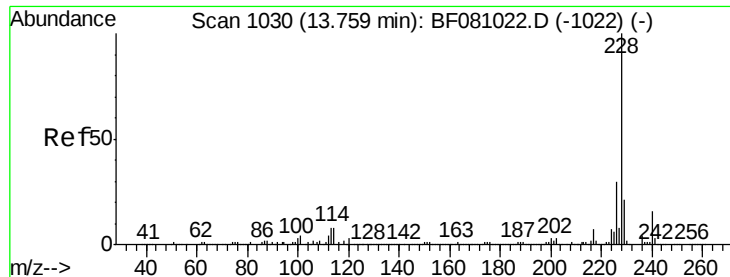
Tot Ion:188 Resp: 242198
Ion Ratio Lower Upper
188 100
94 7.2 8.2 12.2#
80 6.9 9.5 14.3#



#66
4-Bromophenyl-phenylether
Concen: 3.94 ng
RT: 10.34 min Scan# 740
Delta R.T. -0.25 min
Lab File: BF081205.D
Acq: 25 Aug 2015 18:32

Tgt Ion:248 Resp: 9365
Ion Ratio Lower Upper
248 100
250 201.1 77.8 116.6#
141 459.6 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: BF081205.D

Acq: 25 Aug 2015 18:32

Instrument :

BNA_F

ClientSampled :

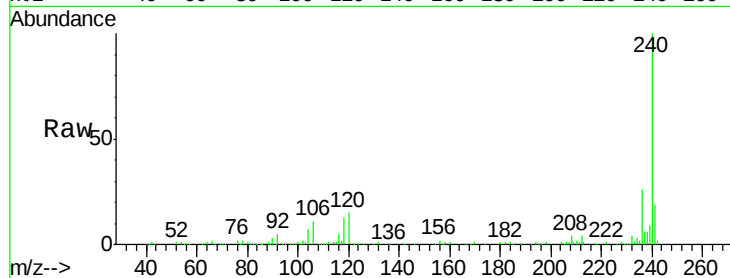
Tot Ion:240 Resp: 192659

Ion Ratio Lower Upper

240 100

120 15.5 5.6 8.4#

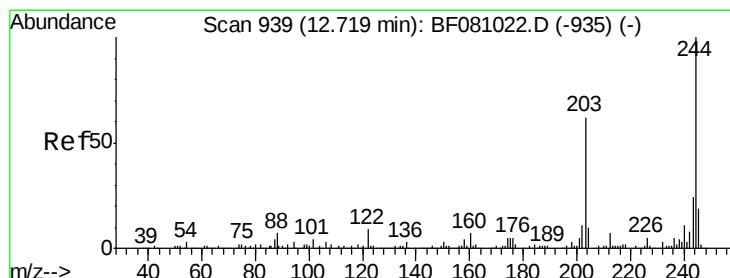
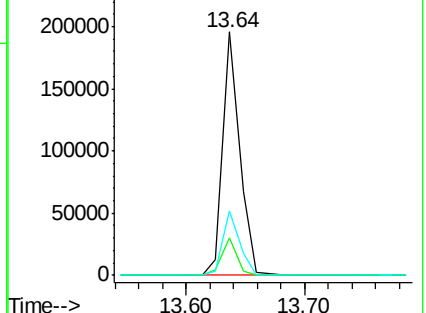
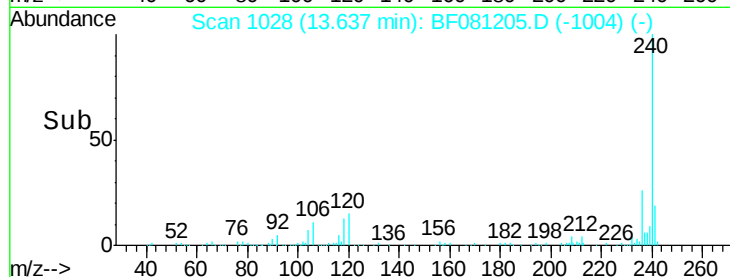
236 26.4 20.6 30.8



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: 67.06 ng

RT: 12.62 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF081205.D

Acq: 25 Aug 2015 18:32

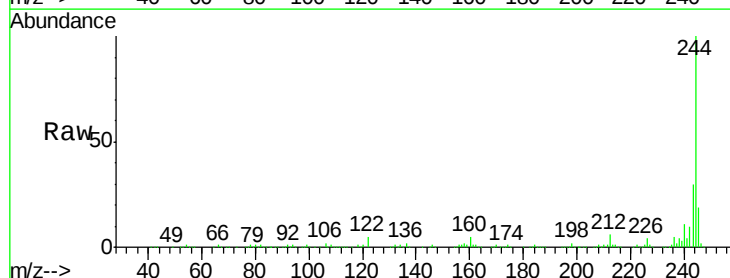
Tgt Ion:244 Resp: 602607

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

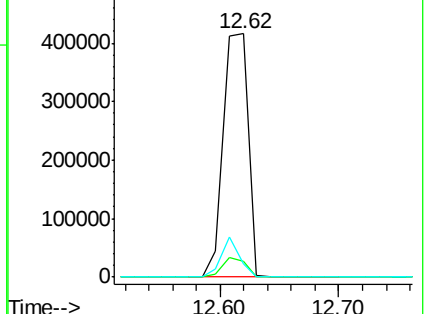
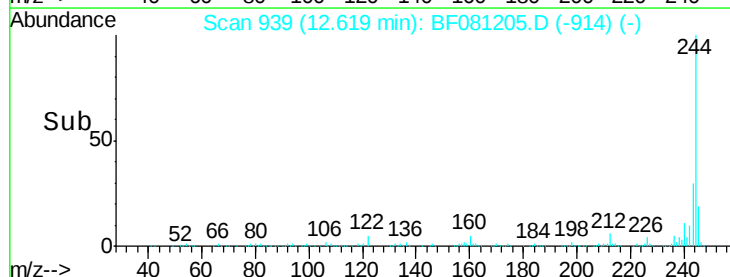
122 5.2 8.2 12.4#

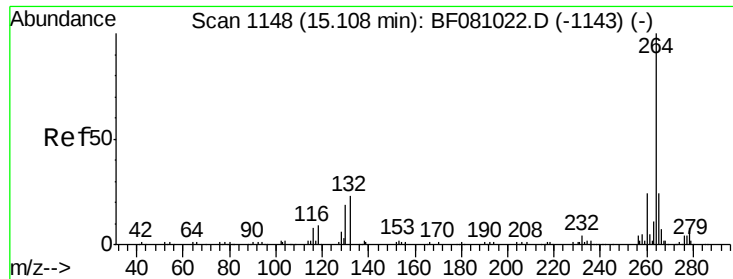


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF081205.D
Acq: 25 Aug 2015 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.6	29.4
265	20.1	17.5	26.3

