

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081010.D
 Acq On : 17 Aug 2015 18:41
 Operator : UM/IZ
 Sample : G3267-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-9)

Quant Time: Aug 18 00:43:03 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

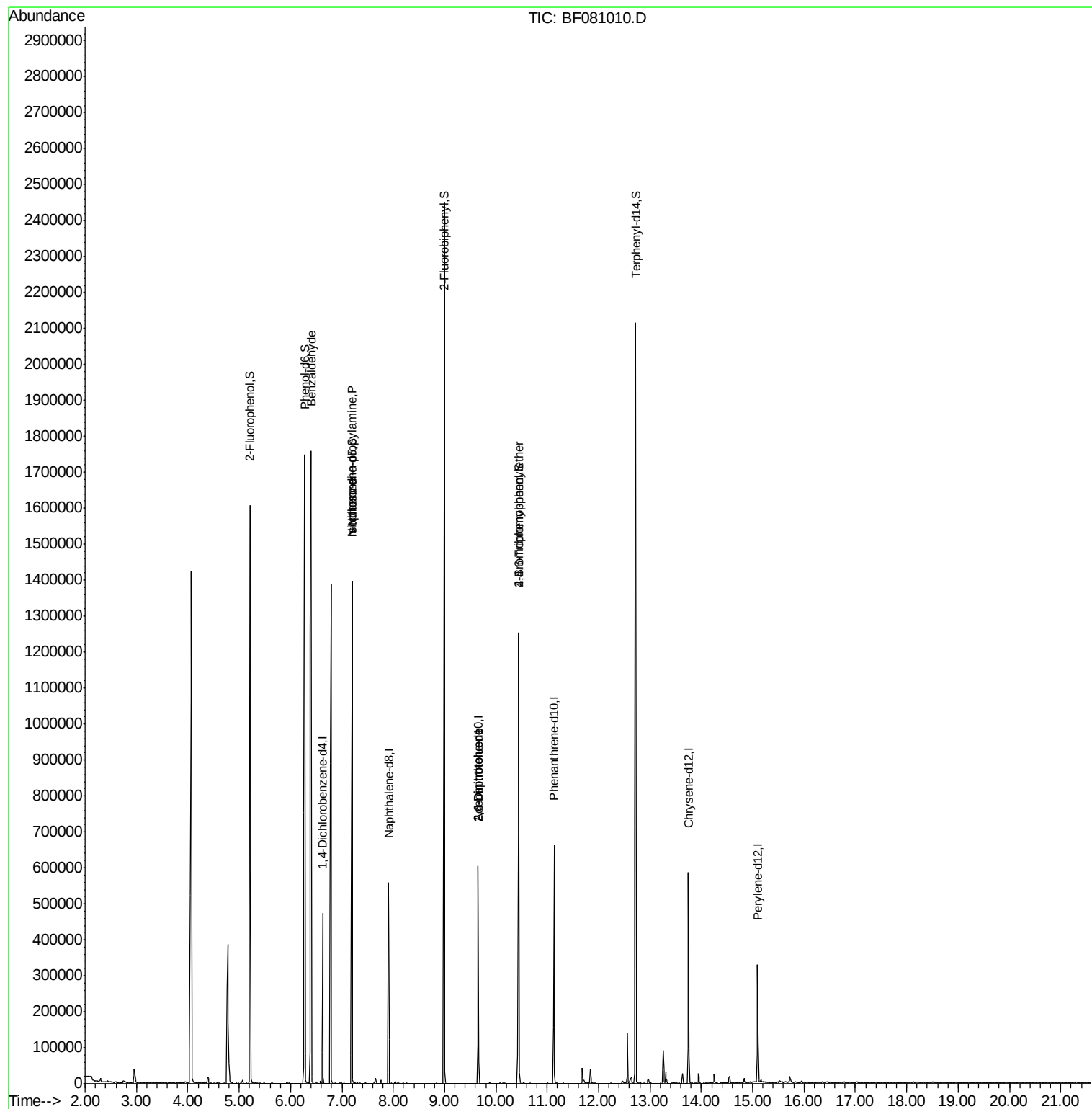
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	62913	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	229023	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	110765	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	231522	20.00	ng	0.00
75) Chrysene-d12	13.75	240	191232	20.00	ng	0.00
86) Perylene-d12	15.10	264	125627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	473843	113.28	ng	0.02
7) Phenol-d6	6.27	99	591837	108.45	ng	0.01
23) Nitrobenzene-d5	7.20	82	515698	102.86	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	132075	137.56	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	772475	91.38	ng	0.00
78) Terphenyl-d14	12.72	244	654267	73.35	ng	0.01
Target Compounds						
9) Benzaldehyde	6.40	77	14199	4.04	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.20	70	70288	18.59	ng	# 67
25) Isophorone	7.20	82	497926	53.26	ng	# 71
50) 2,6-Dinitrotoluene	9.66	165	14534	7.42	ng	# 20
56) 2,4-Dinitrotoluene	9.66	165	14534	5.60	ng	# 16
66) 4-Bromophenyl-phenylether	10.44	248	11317	4.98	ng	# 1

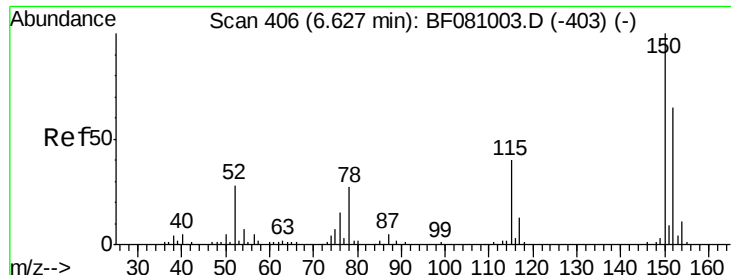
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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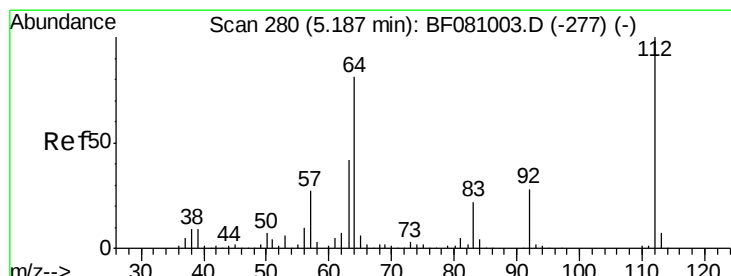
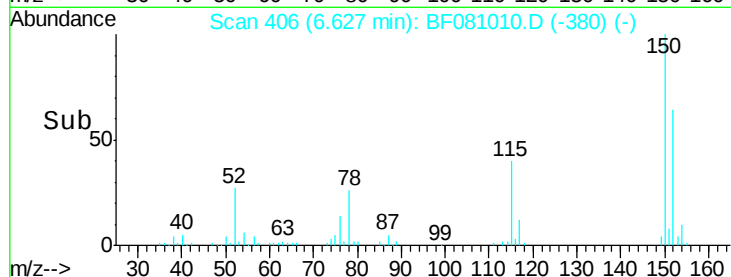
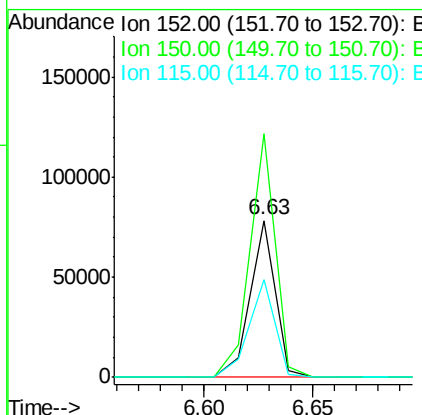
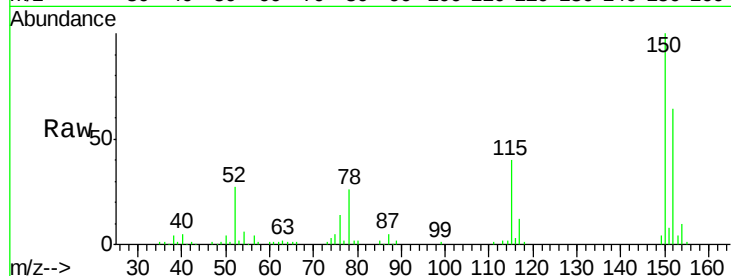


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.63 min Scan# 406
Delta R.T. 0.00 min
Lab File: BF081010.D
Acq: 17 Aug 2015 18:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-9)

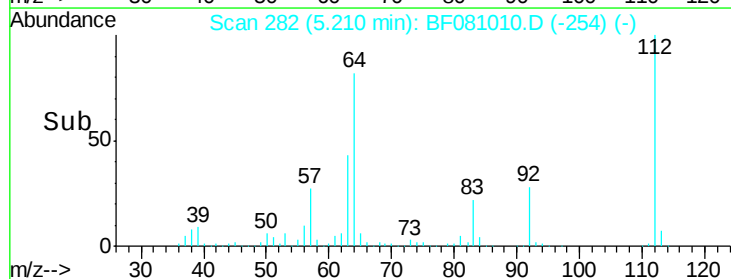
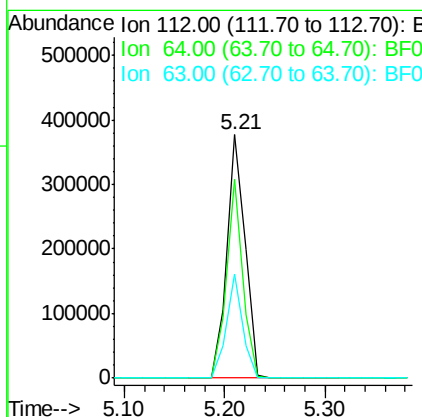
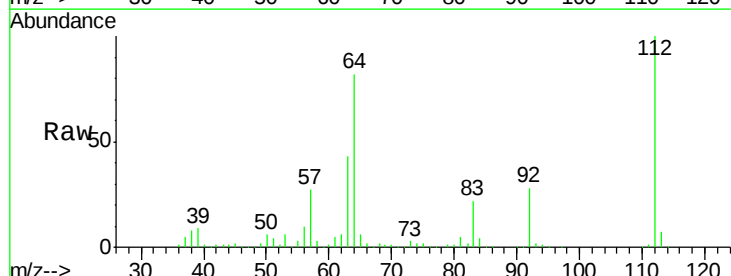
Tot Ion:152 Resp: 62913
Ion Ratio Lower Upper
152 100
150 155.3 123.8 185.6
115 62.2 52.1 78.1

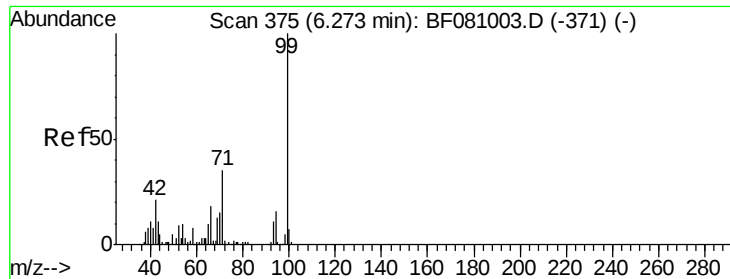


#5

2-Fluorophenol
Concen: 113.28 ng
RT: 5.21 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF081010.D
Acq: 17 Aug 2015 18:41

Tgt Ion:112 Resp: 473843
Ion Ratio Lower Upper
112 100
64 81.8 66.9 100.3
63 42.9 38.1 57.1





#7

Phenol-d6

Concen: 108.45 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

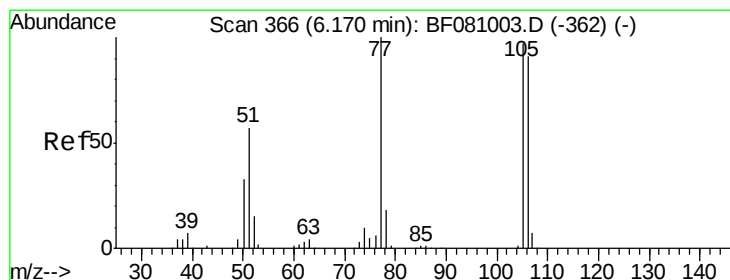
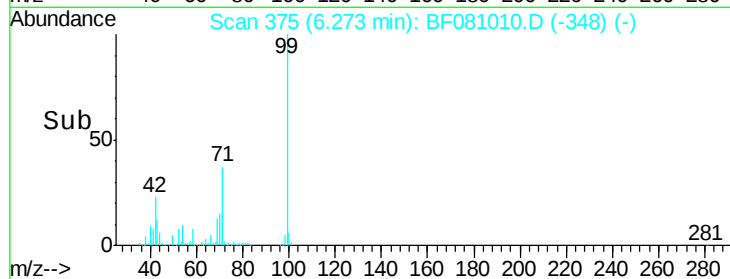
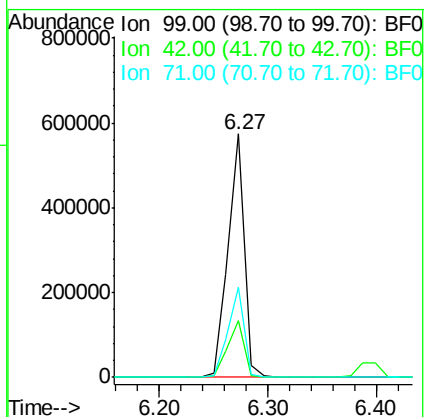
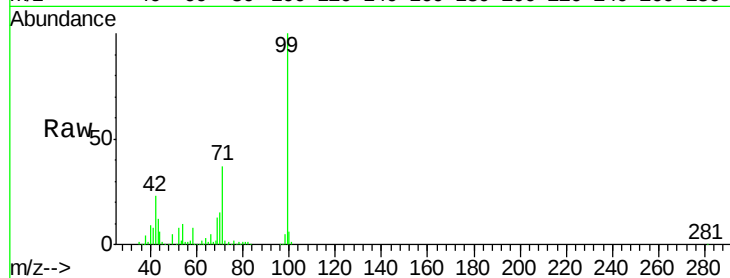
Tot Ion: 99 Resp: 591837

Ion Ratio Lower Upper

99 100

42 23.4 19.6 29.4

71 36.7 31.2 46.8



#9

Benzaldehyde

Concen: 4.04 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

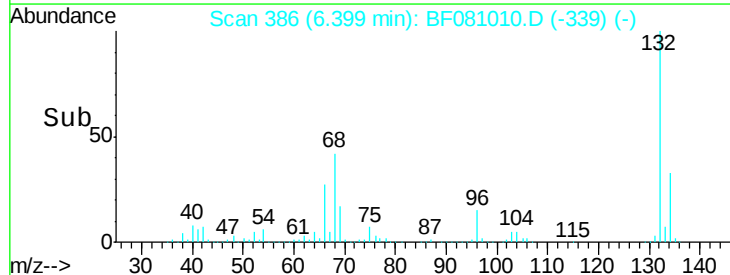
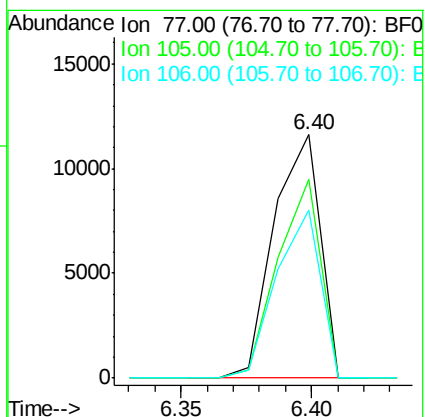
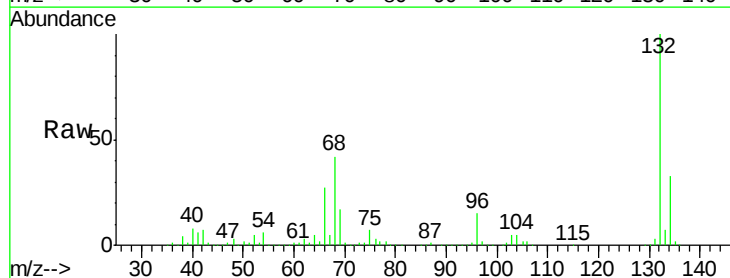
Tgt Ion: 77 Resp: 14199

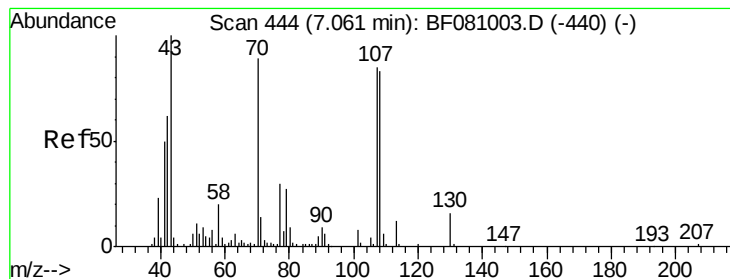
Ion Ratio Lower Upper

77 100

105 81.8 69.6 109.6

106 69.1 64.0 104.0





#19

n-Nitroso-di-n-propylamine

Concen: 18.59 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

Tot Ion: 70 Resp: 70288

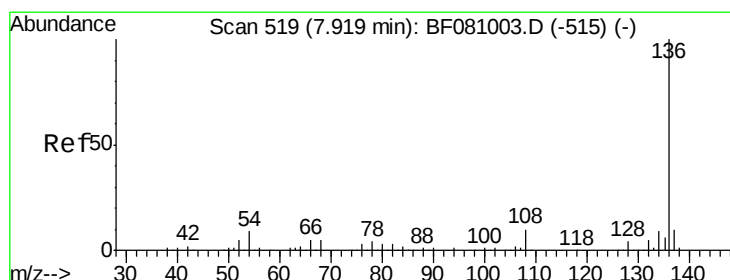
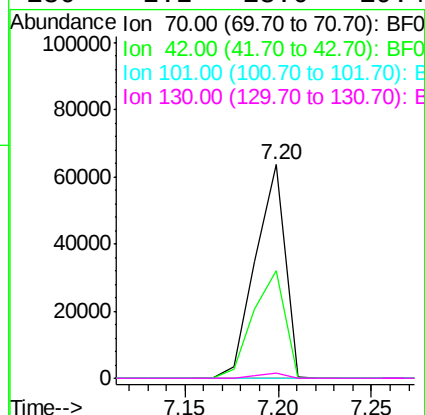
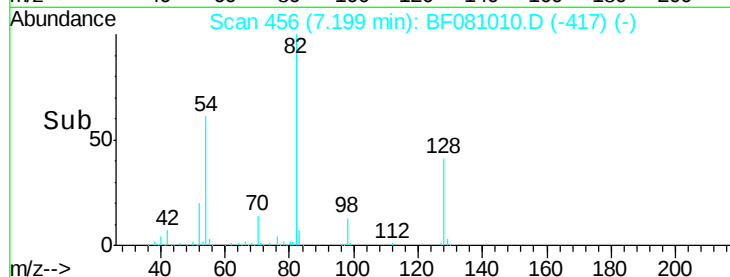
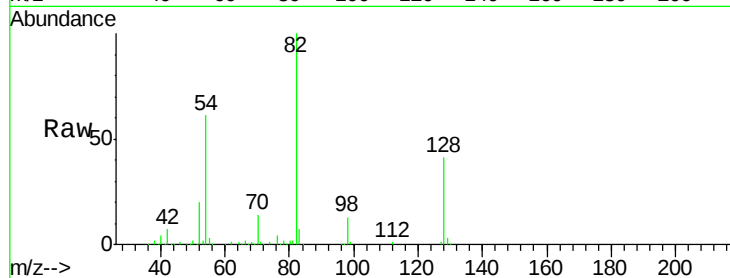
Ion Ratio Lower Upper

70 100

42 50.5 65.0 97.4#

101 0.0 7.4 11.2#

130 2.2 13.0 19.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 518

Delta R.T. 0.00 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

Tgt Ion: 136 Resp: 229023

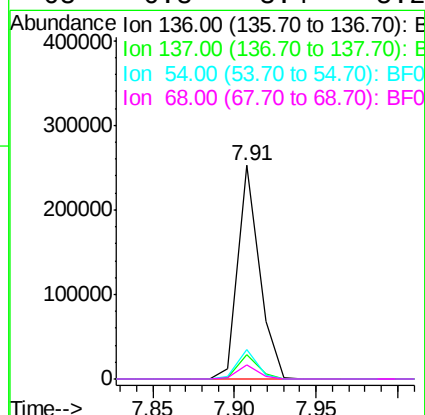
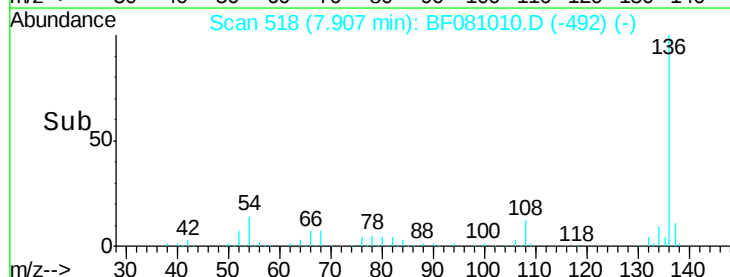
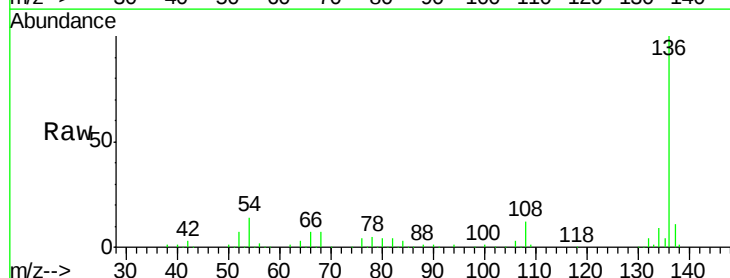
Ion Ratio Lower Upper

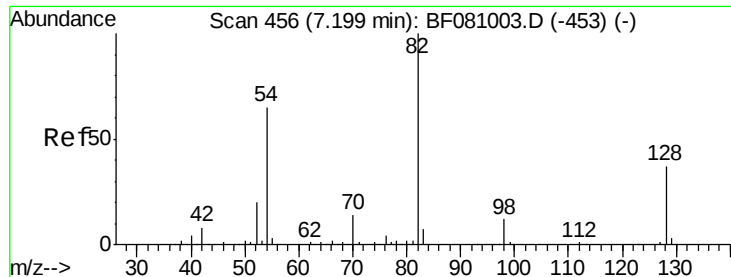
136 100

137 11.2 8.2 12.2

54 13.7 7.7 11.5#

68 6.8 3.4 5.2#

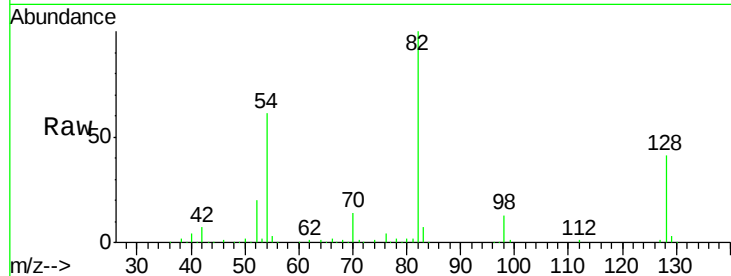




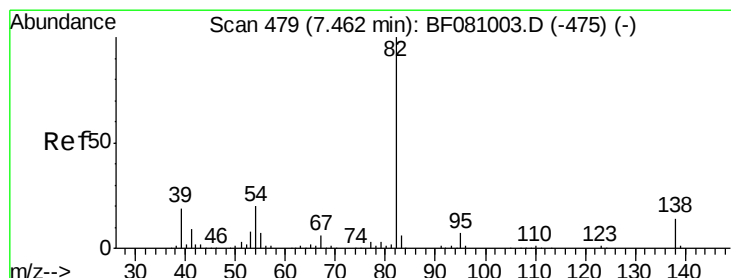
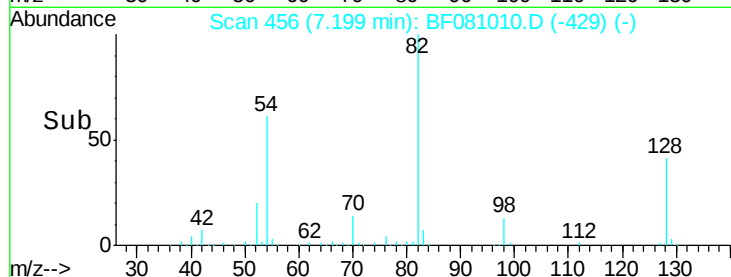
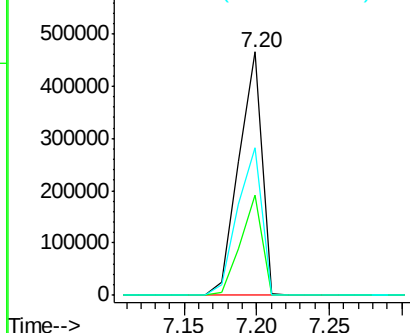
#23
Nitrobenzene-d5
Concen: 102.86 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081010.D
Acq: 17 Aug 2015 18:41

Instrument :
BNA_F
ClientSampleId :
SB-1(0-9)

Tot Ion	82	Resp	515698
Ion Ratio	100	Lower	Upper
128	41.3	28.6	42.8
54	60.8	55.1	82.7

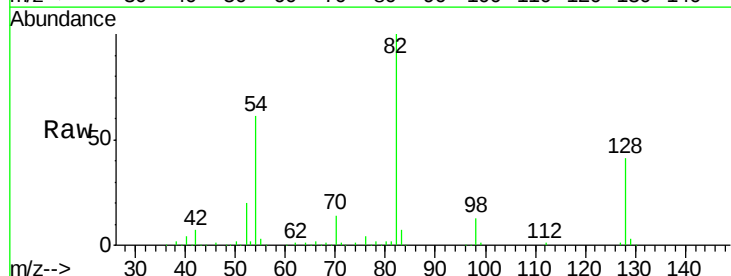


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

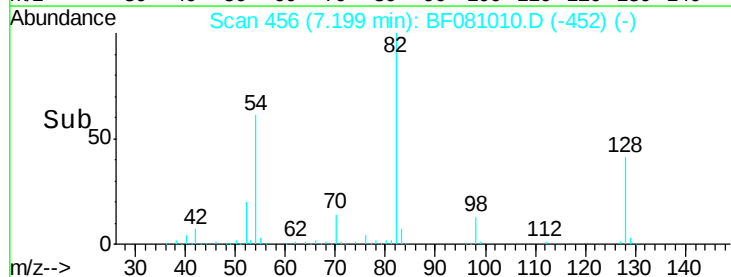
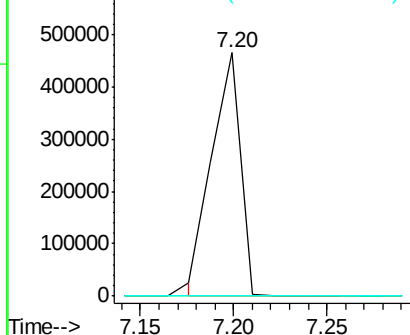


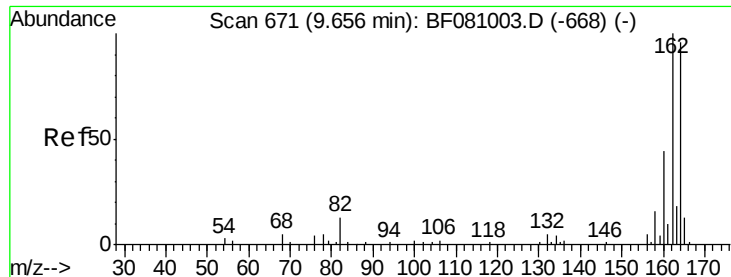
#25
Isophorone
Concen: 53.26 ng
RT: 7.20 min Scan# 456
Delta R.T. -0.25 min
Lab File: BF081010.D
Acq: 17 Aug 2015 18:41

Tgt Ion	82	Resp	497926
Ion Ratio	100	Lower	Upper
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: 9.66 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

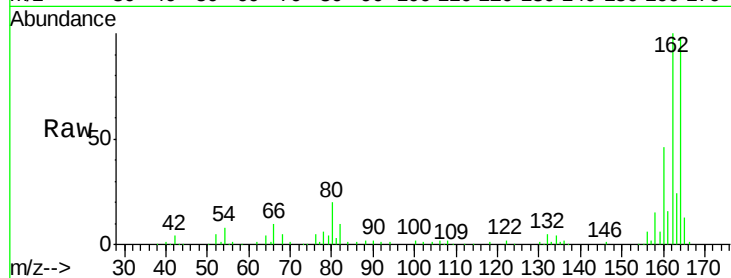
Tot Ion:164 Resp: 110765

Ion Ratio Lower Upper

164 100

162 102.2 83.8 125.8

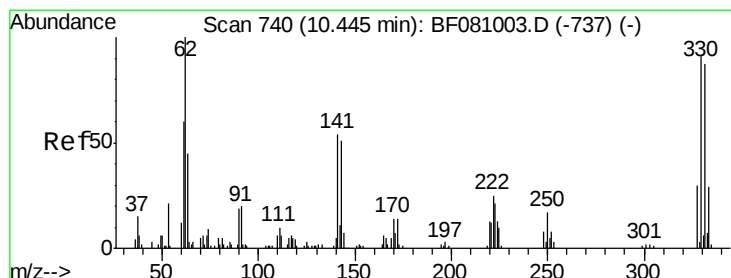
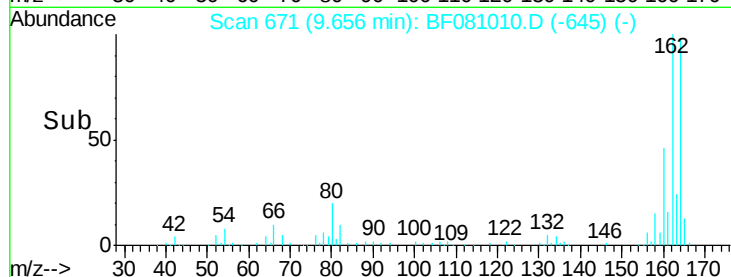
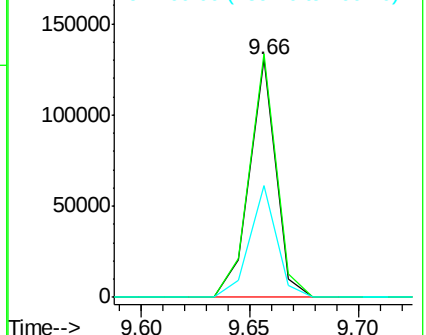
160 47.0 39.8 59.8



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: 137.56 ng

RT: 10.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

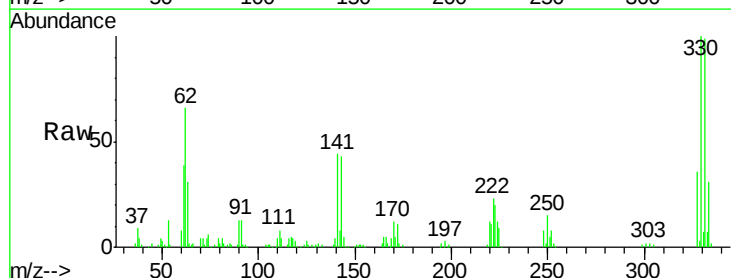
Tgt Ion:330 Resp: 132075

Ion Ratio Lower Upper

330 100

332 97.6 77.3 115.9

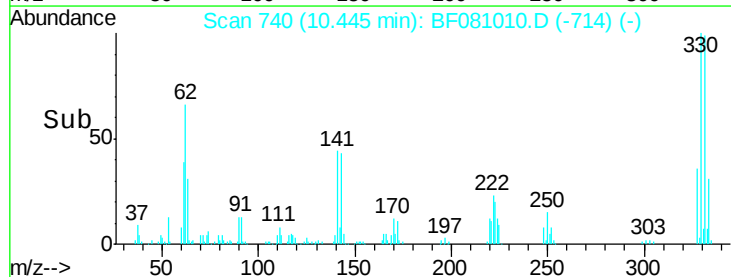
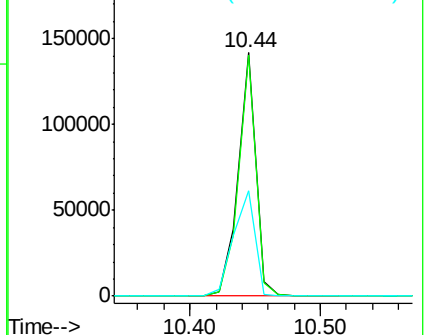
141 53.3 44.9 67.3

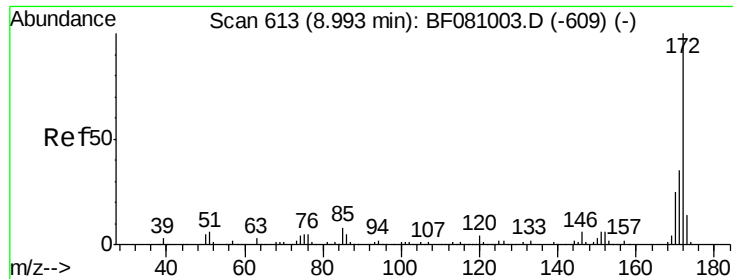


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

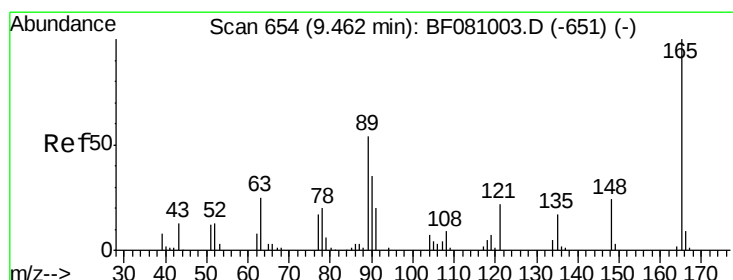
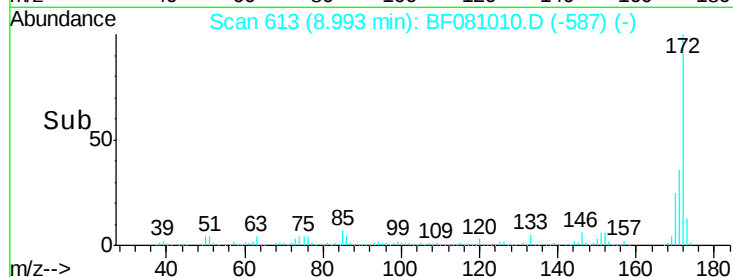
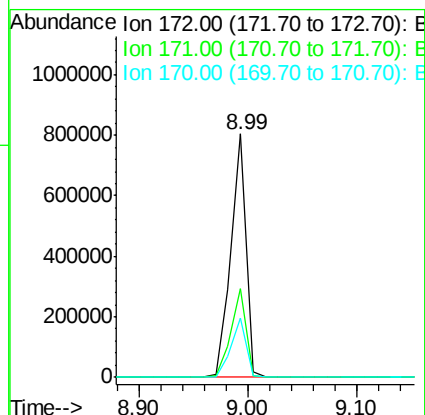
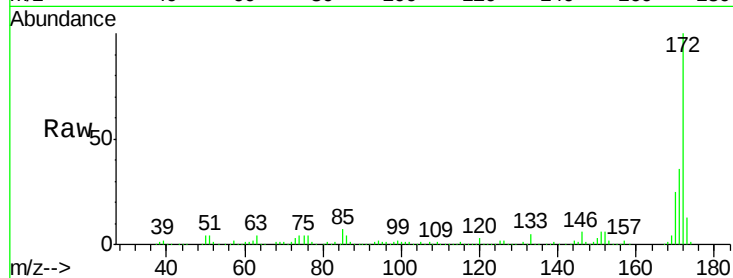




#44
 2-Fluorobiphenyl
 Concen: 91.38 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

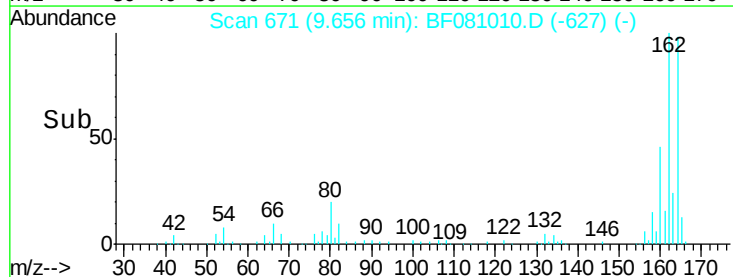
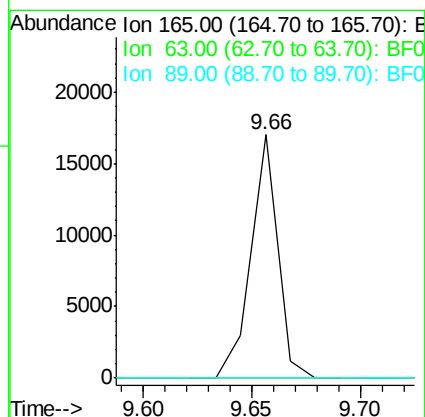
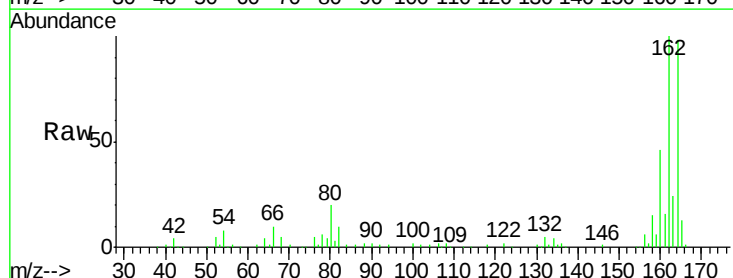
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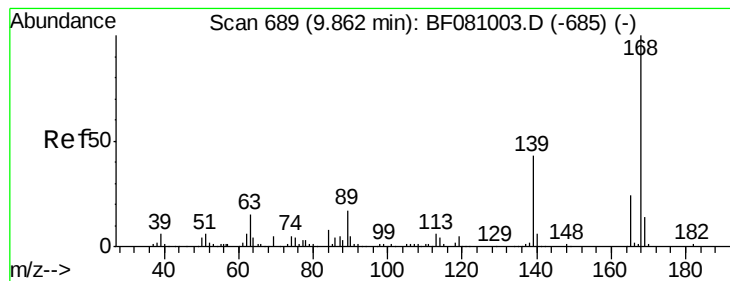
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	24.6	19.4	29.2



#50
 2,6-Dinitrotoluene
 Concen: 7.42 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.21 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#

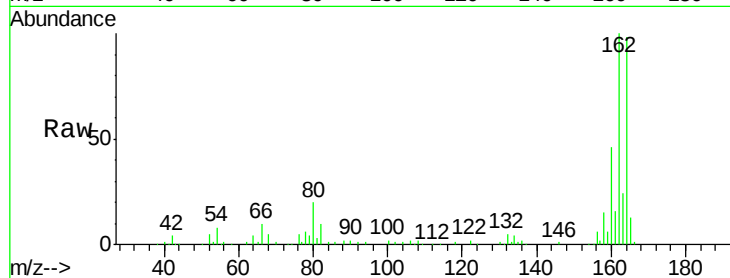




#56
 2,4-Dinitrotoluene
 Concen: 5.60 ng
 RT: 9.66 min Scan# 671
 Delta R.T. -0.19 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-9)

Tot 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#

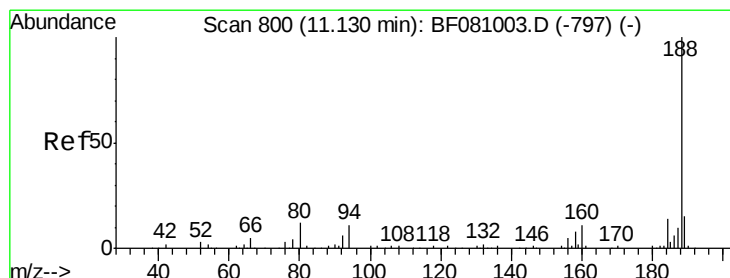
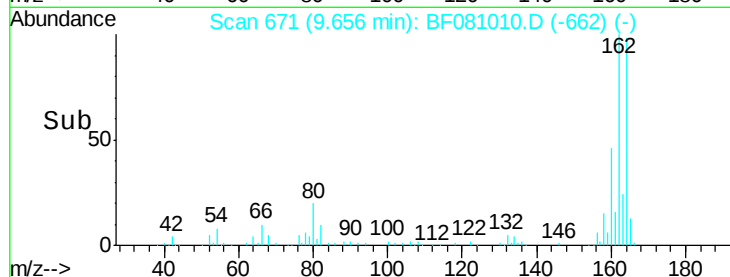
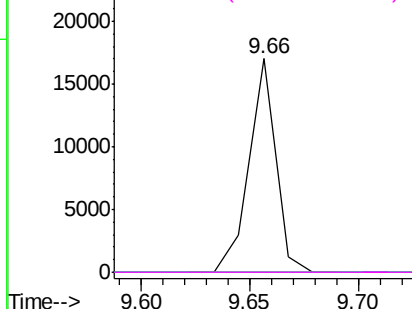


Abundance Ion 165.00 (164.70 to 165.70): E

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



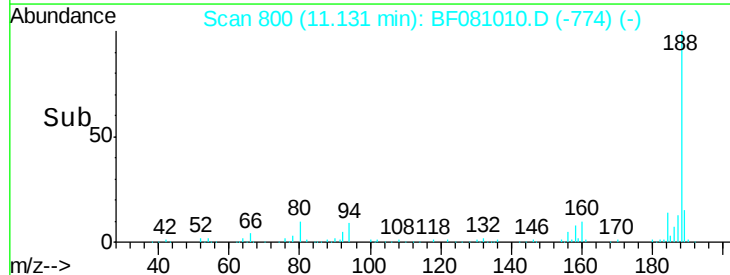
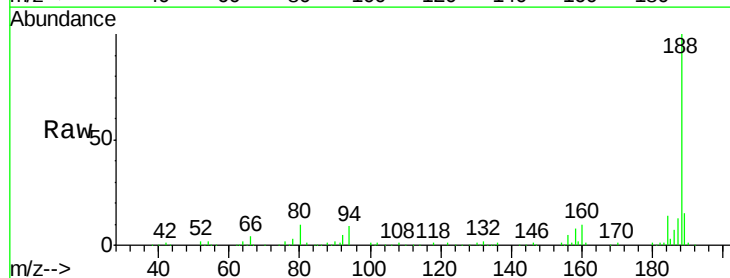
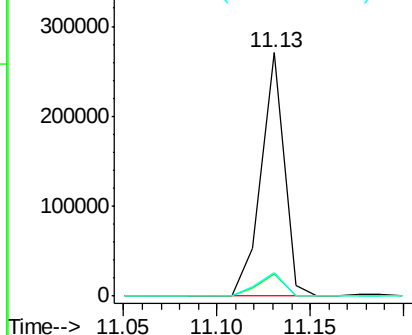
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.13 min Scan# 800
 Delta R.T. 0.00 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

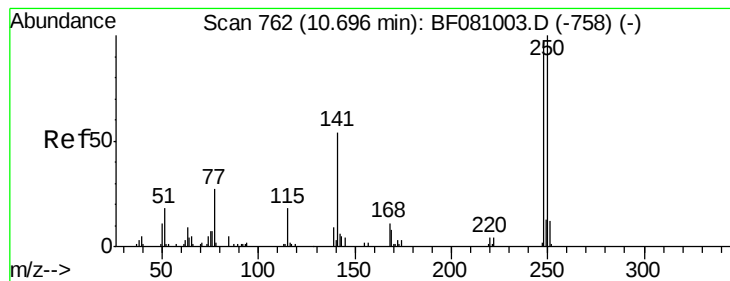
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.2	12.2
80	9.6	9.5	14.3

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: 4.98 ng

RT: 10.44 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

Instrument :

BNA_F

ClientSampleId :

SB-1(0-9)

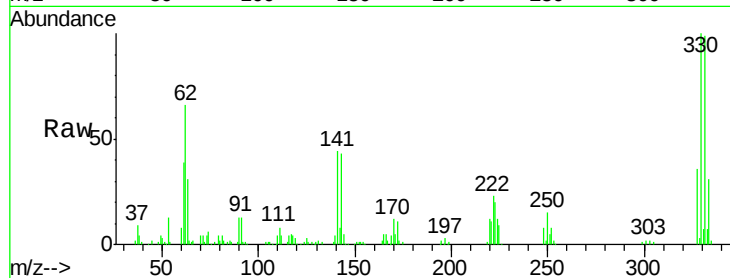
Tot Ion:248 Resp: 11317

Ion Ratio Lower Upper

248 100

250 191.7 77.8 116.6#

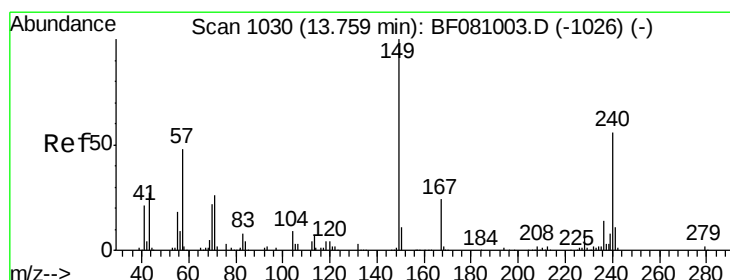
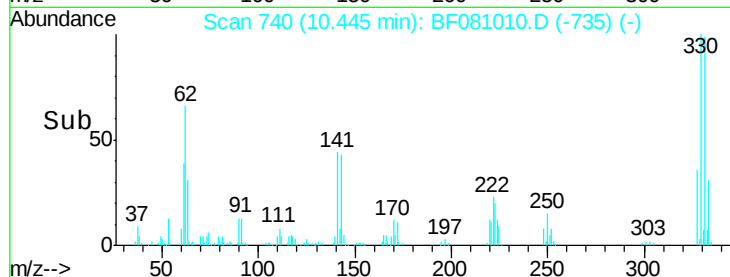
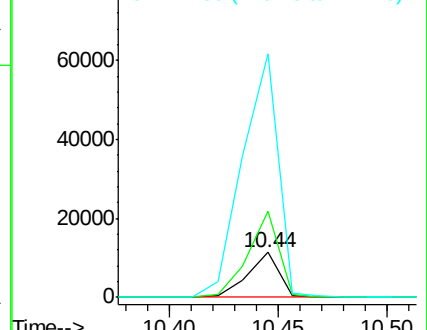
141 541.1 39.8 59.6#



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: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081010.D

Acq: 17 Aug 2015 18:41

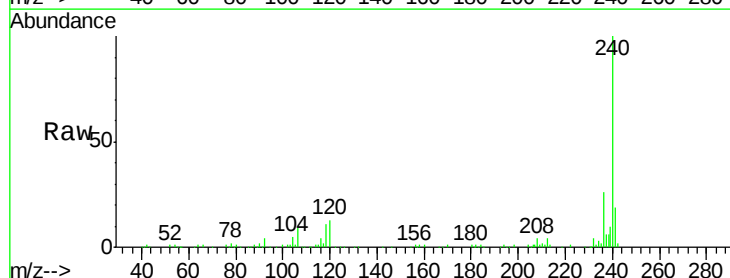
Tgt Ion:240 Resp: 191232

Ion Ratio Lower Upper

240 100

120 12.5 5.6 8.4#

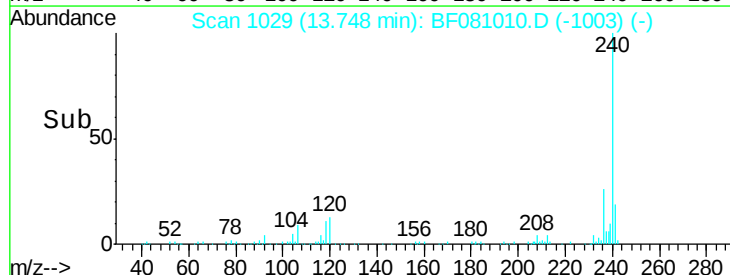
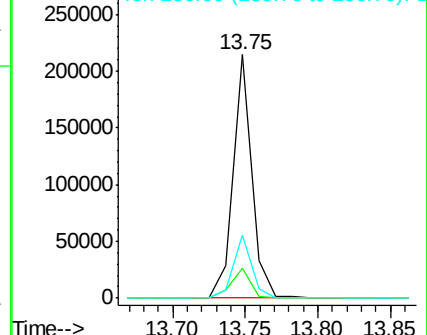
236 25.7 20.6 30.8

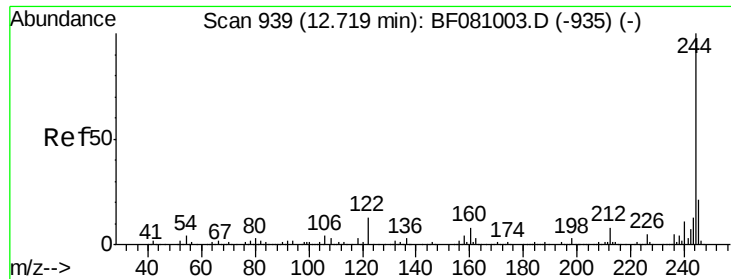


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

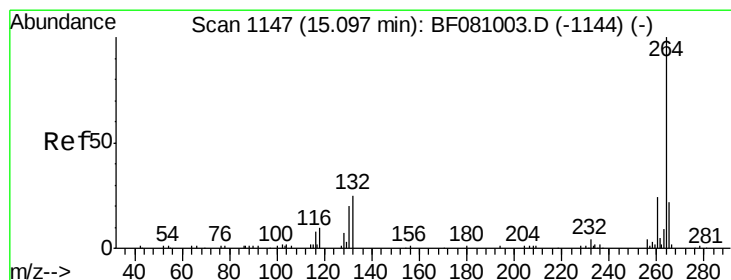
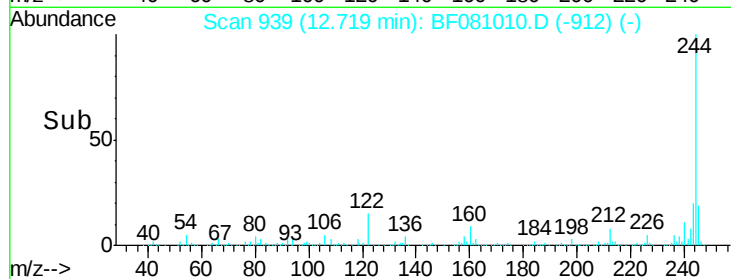
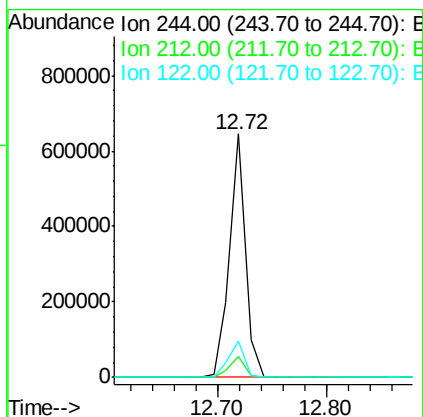
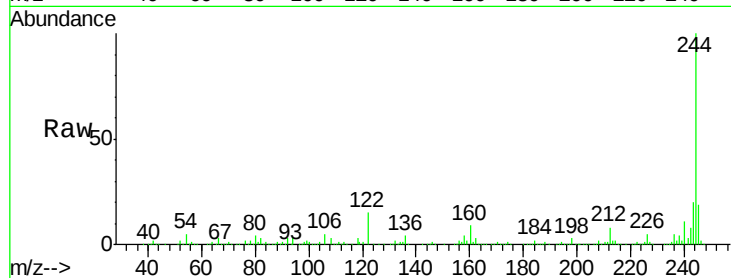




#78
 Terphenyl-d14
 Concen: 73.35 ng
 RT: 12.72 min Scan# 939
 Delta R.T. 0.01 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-9)

Tot Ion:244 Resp: 654267
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 14.8 8.2 12.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.10 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: BF081010.D
 Acq: 17 Aug 2015 18:41

Tgt Ion:264 Resp: 125627
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.6 29.4
 265 21.4 17.5 26.3

