

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081915\
 Data File : BF081110.D
 Acq On : 20 Aug 2015 6:13
 Operator : UM/IZ
 Sample : G3304-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 20 06:43:27 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

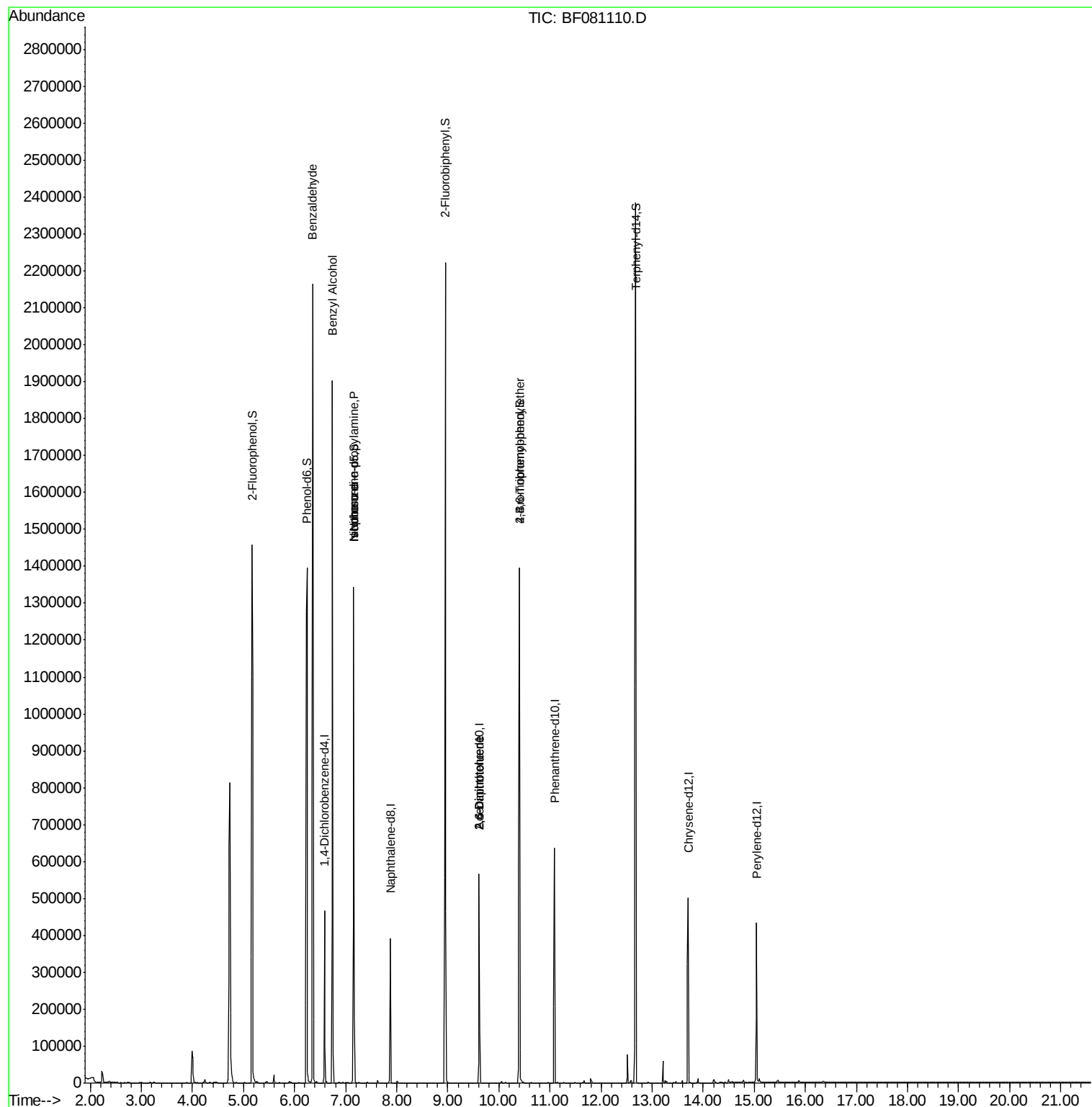
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	60786	20.00	ng	-0.04
21) Naphthalene-d8	7.88	136	237206	20.00	ng	-0.03
38) Acenaphthene-d10	9.61	164	108853	20.00	ng	-0.04
63) Phenanthrene-d10	11.09	188	240091	20.00	ng	-0.04
75) Chrysene-d12	13.71	240	218366	20.00	ng	-0.04
86) Perylene-d12	15.04	264	172396	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	532415	131.74	ng	-0.02
7) Phenol-d6	6.24	99	702194	133.17	ng	-0.02
23) Nitrobenzene-d5	7.16	82	447939	86.26	ng	-0.03
41) 2,4,6-Tribromophenol	10.40	330	136034	144.17	ng	-0.04
44) 2-Fluorobiphenyl	8.95	172	724440	87.20	ng	-0.04
78) Terphenyl-d14	12.68	244	767313	75.33	ng	-0.03
Target Compounds						Qvalue
9) Benzaldehyde	6.36	77	14006	4.12	ng	81
15) Benzyl Alcohol	6.74	79	8639	2.02	ng	# 55
19) n-Nitroso-di-n-propylamine	7.16	70	61020	16.71	ng	# 69
25) Isophorone	7.16	82	350497	36.20	ng	# 71
50) 2,6-Dinitrotoluene	9.61	165	14146	7.35	ng	# 20
56) 2,4-Dinitrotoluene	9.61	165	14146	5.55	ng	# 16
66) 4-Bromophenyl-phenylether	10.40	248	10881	4.61	ng	# 1

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

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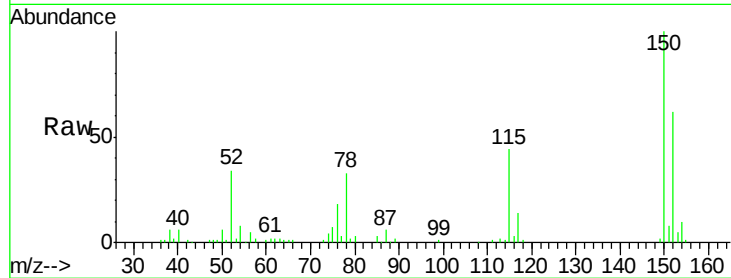


#1

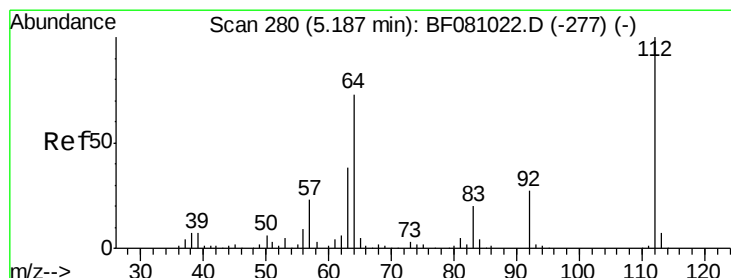
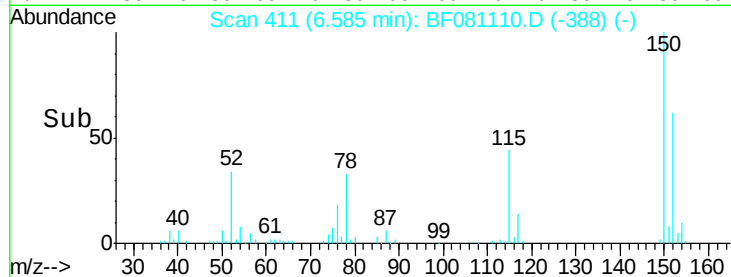
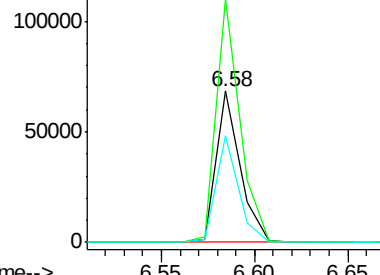
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.58 min Scan# 411
Delta R.T. -0.04 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 60786
Ion Ratio Lower Upper
152 100
150 161.0 123.8 185.6
115 70.5 52.1 78.1



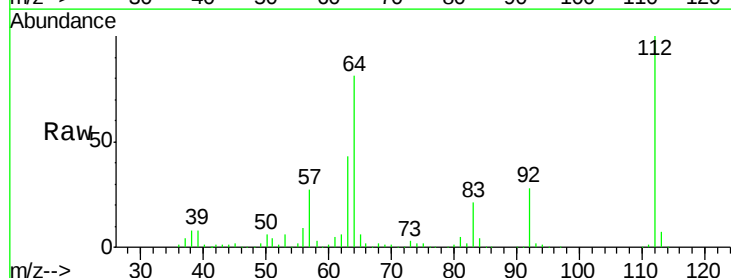
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



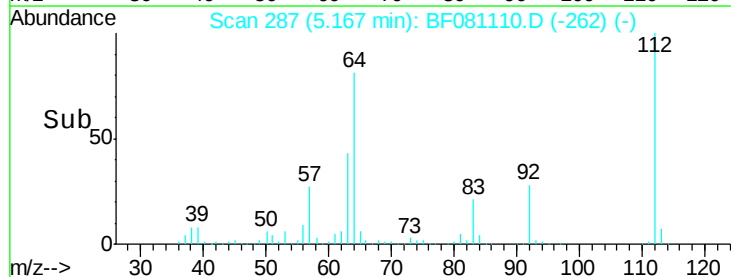
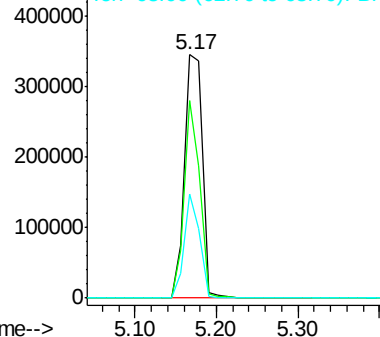
#5

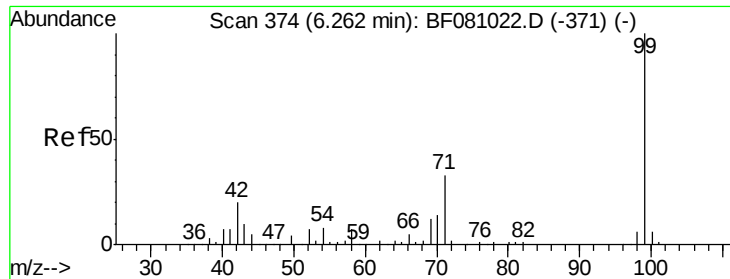
2-Fluorophenol
Concen: 131.74 ng
RT: 5.17 min Scan# 287
Delta R.T. -0.02 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Tgt Ion:112 Resp: 532415
Ion Ratio Lower Upper
112 100
64 81.0 66.9 100.3
63 42.7 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: 133.17 ng

RT: 6.24 min Scan# 381

Delta R.T. -0.02 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampleId :

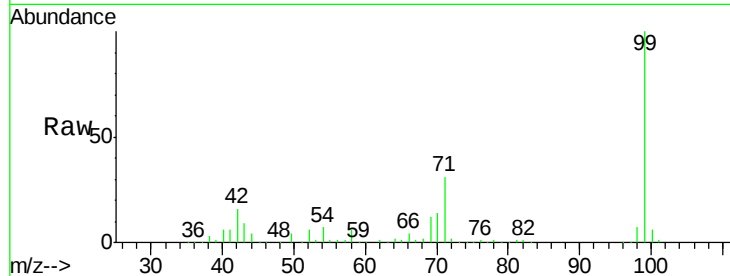
Tot Ion: 99 Resp: 702194

Ion Ratio Lower Upper

99 100

42 16.1 19.6 29.4#

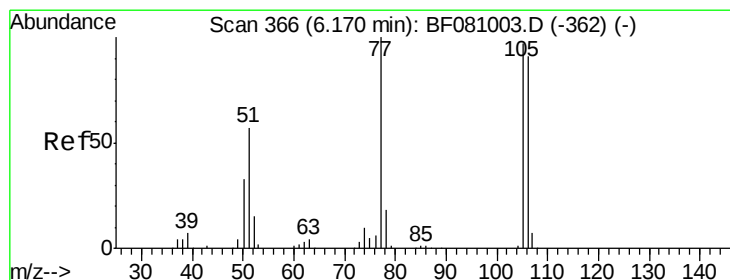
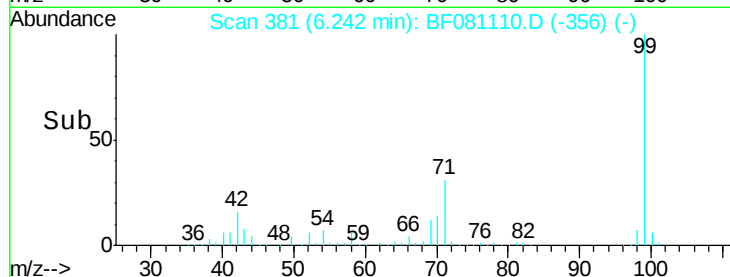
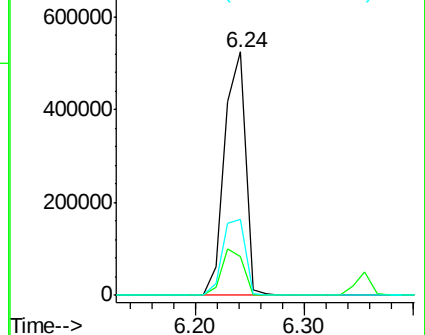
71 31.3 31.2 46.8



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: 4.12 ng

RT: 6.36 min Scan# 391

Delta R.T. 0.20 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

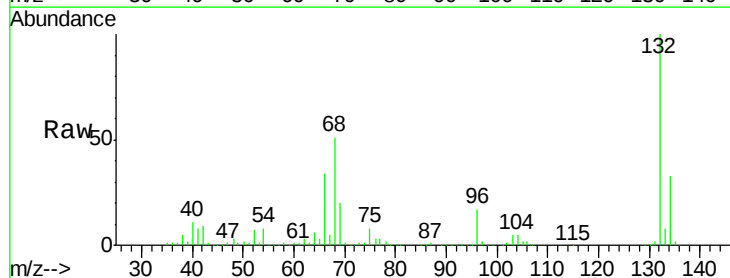
Tgt Ion: 77 Resp: 14006

Ion Ratio Lower Upper

77 100

105 71.7 69.6 109.6

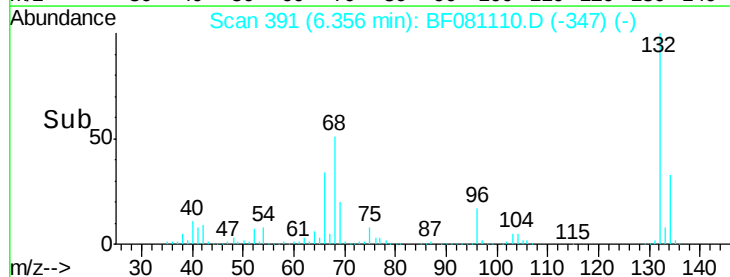
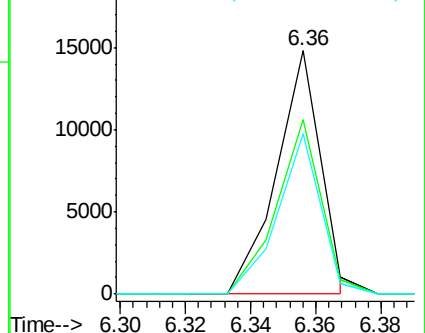
106 66.1 64.0 104.0

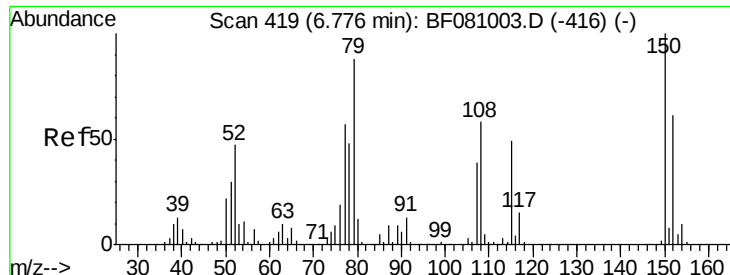


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

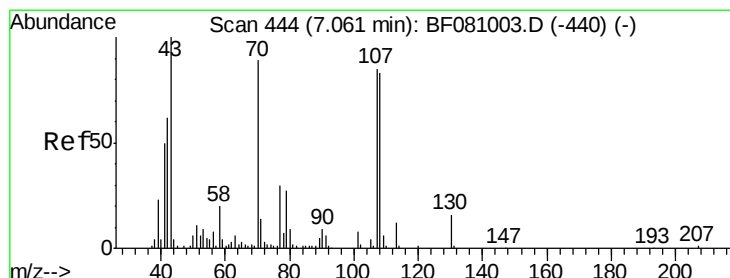
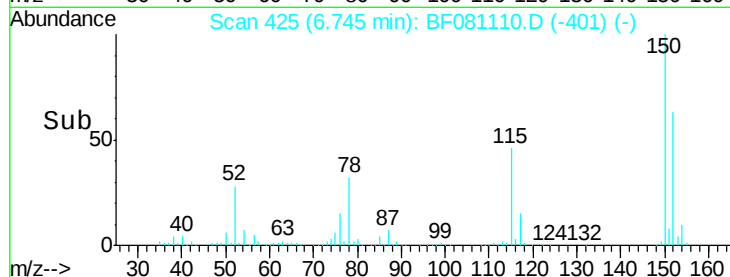
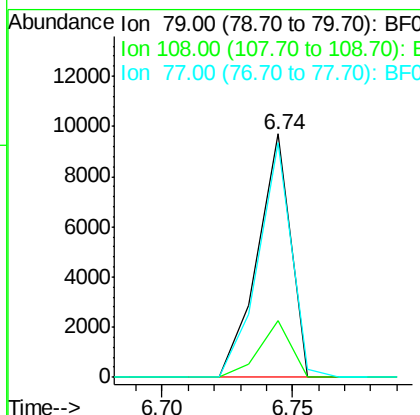
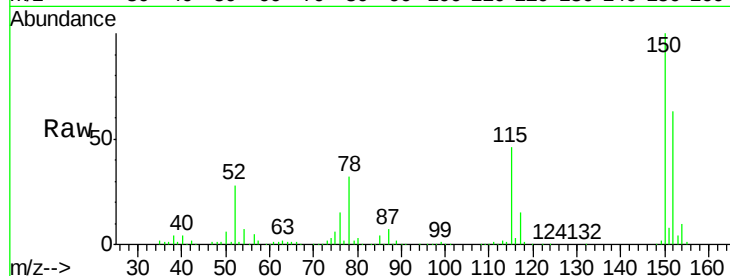




#15
Benzyl Alcohol
Concen: 2.02 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.03 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

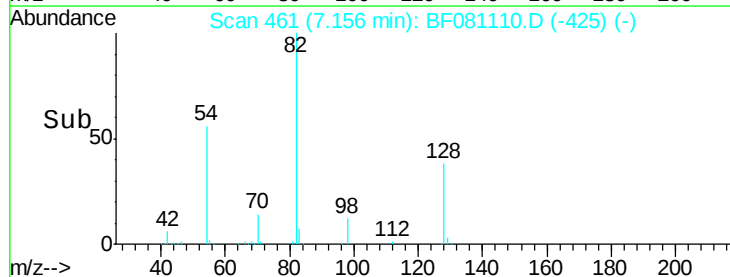
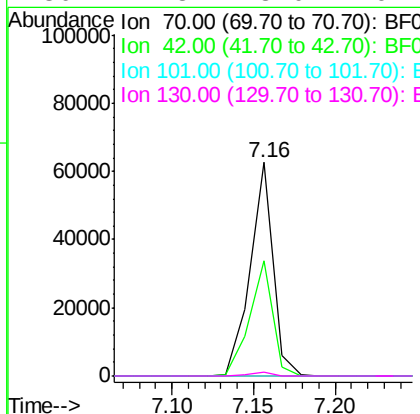
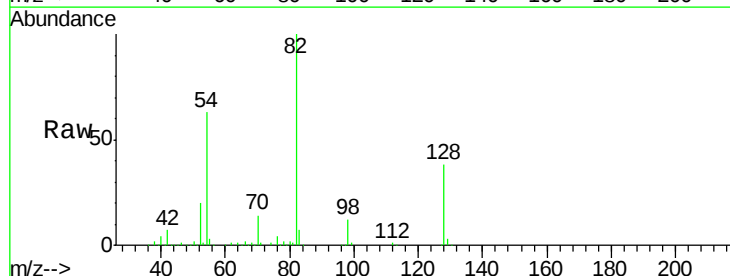
Instrument :
BNA_F
ClientSampleId :

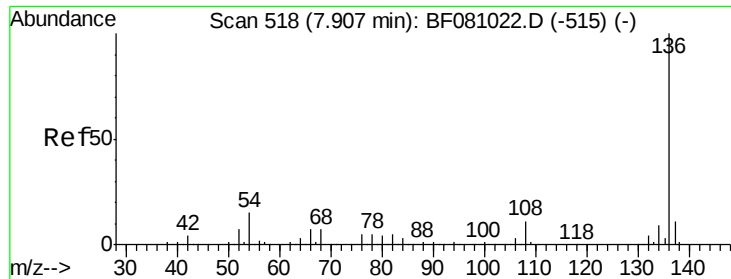
Tot Ion: 79 Resp: 8639
Ion Ratio Lower Upper
79 100
108 23.5 49.4 74.2#
77 96.2 51.4 77.0#



#19
n-Nitroso-di-n-propylamine
Concen: 16.71 ng
RT: 7.16 min Scan# 461
Delta R.T. 0.11 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Tgt Ion: 70 Resp: 61020
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#

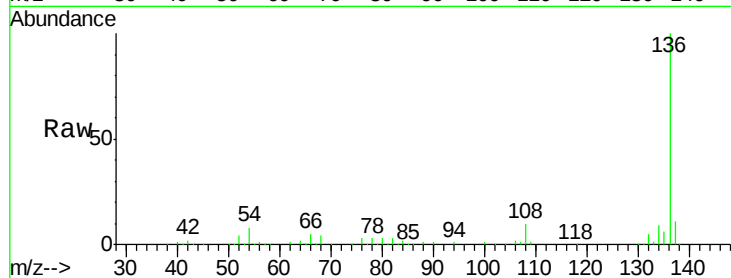




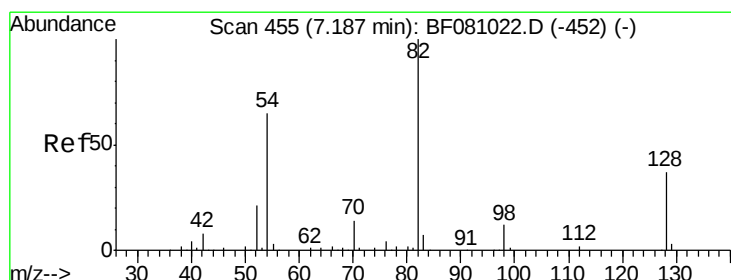
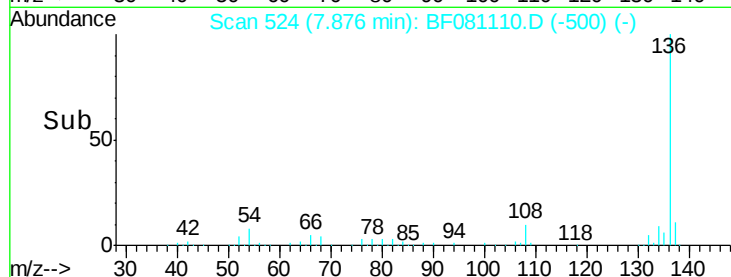
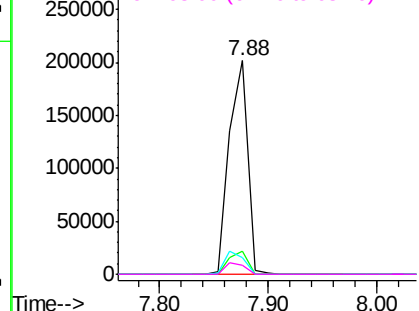
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.03 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	237206
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.2 12.2
54	7.7	7.7 11.5
68	4.2	3.4 5.2

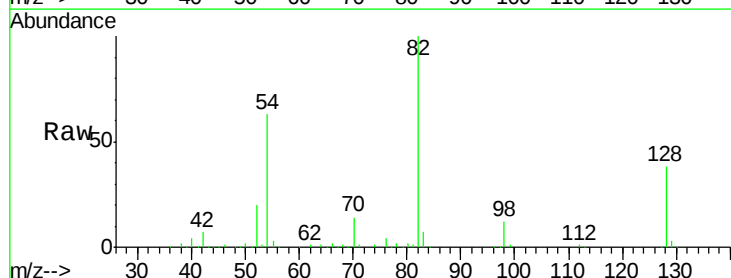


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

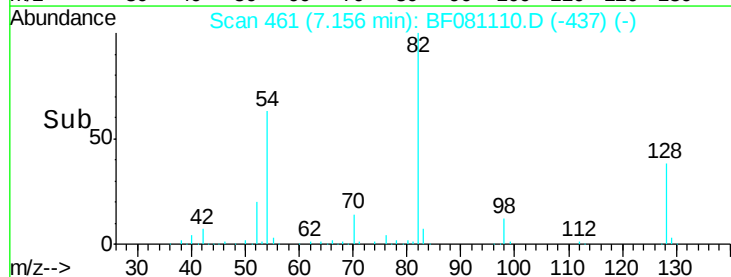
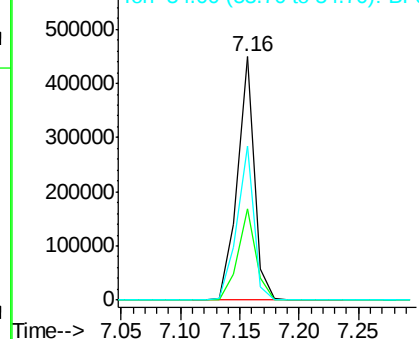


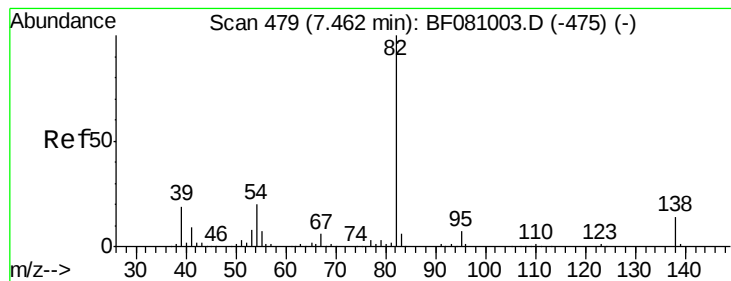
#23
Nitrobenzene-d5
Concen: 86.26 ng
RT: 7.16 min Scan# 461
Delta R.T. -0.03 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Tgt Ion: 82	Resp:	447939
Ion Ratio	Lower	Upper
82	100	
128	37.6	28.6 42.8
54	63.1	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





#25

Isophorone

Concen: 36.20 ng

RT: 7.16 min Scan# 461

Delta R.T. -0.29 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampled :

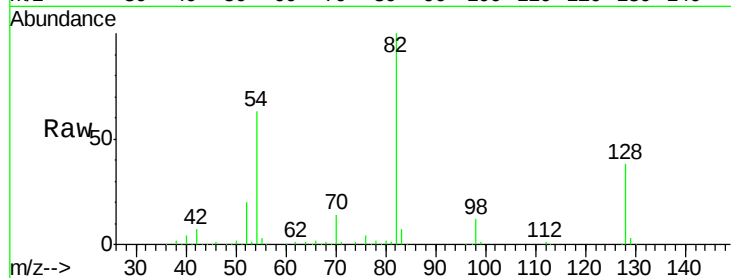
Tot Ion: 82 Resp: 350497

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

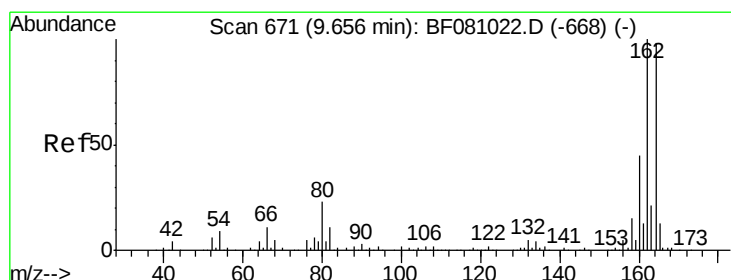
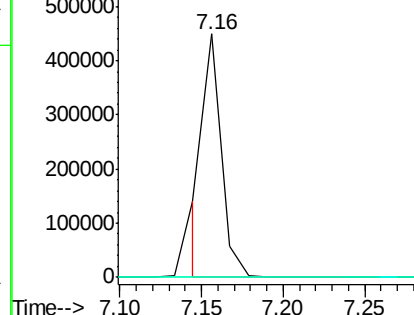
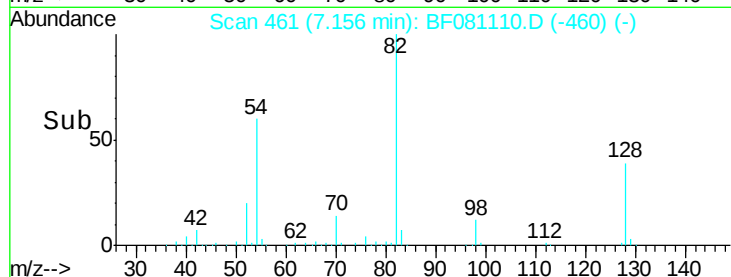
138 0.0 10.5 15.7#



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: 9.61 min Scan# 676

Delta R.T. -0.04 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

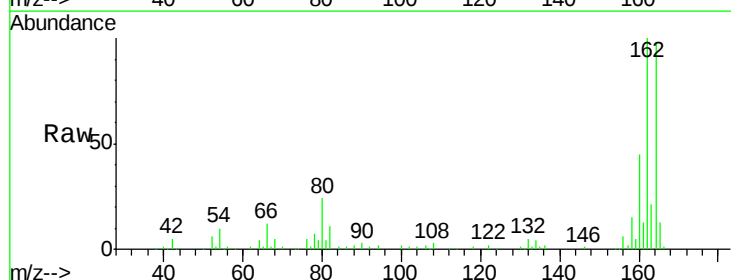
Tgt Ion: 164 Resp: 108853

Ion Ratio Lower Upper

164 100

162 101.7 83.8 125.8

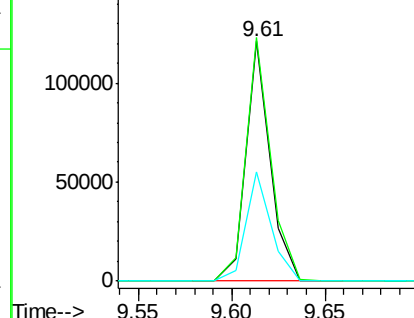
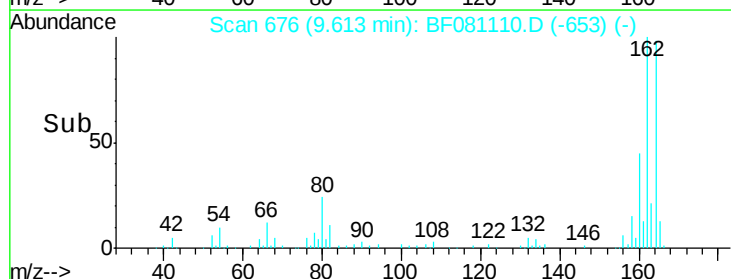
160 45.5 39.8 59.8

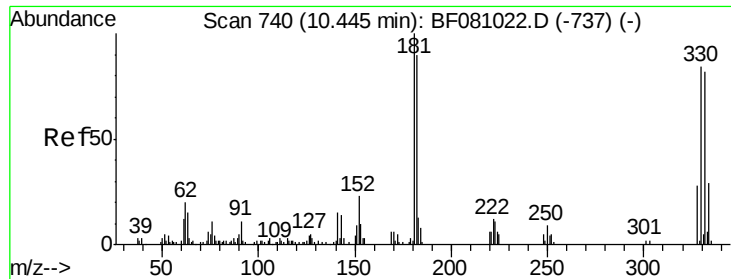


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

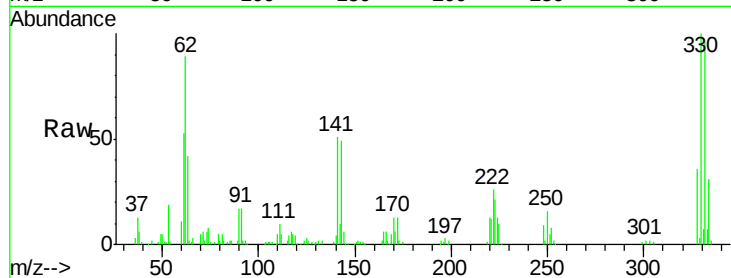




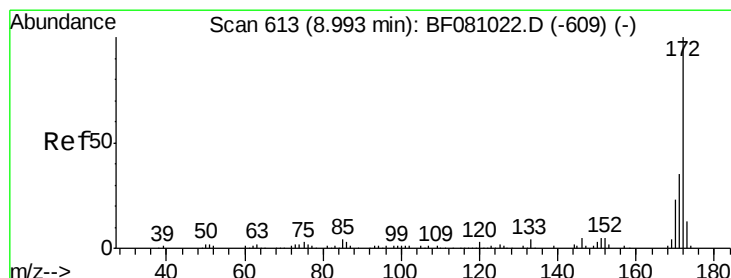
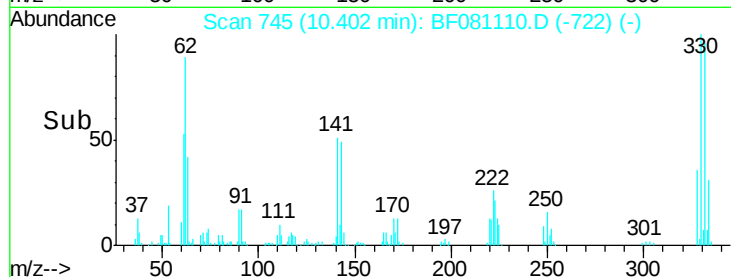
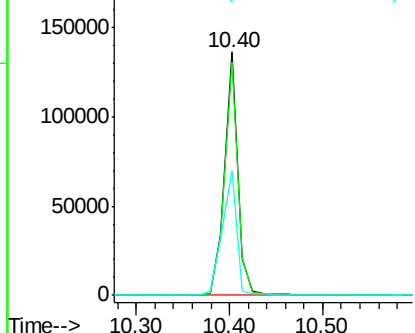
#41
 2,4,6-Tribromophenol
 Concen: 144.17 ng
 RT: 10.40 min Scan# 745
 Delta R.T. -0.04 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 136034
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 54.6 44.9 67.3

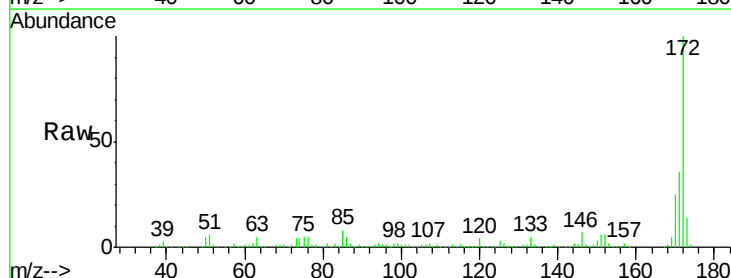


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

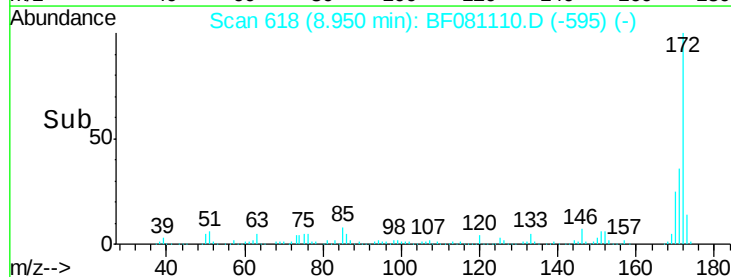
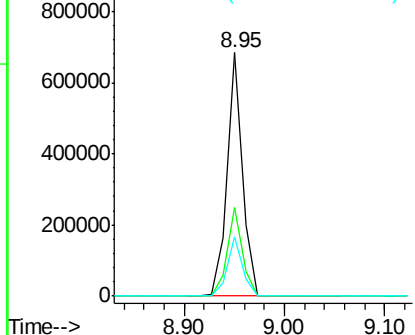


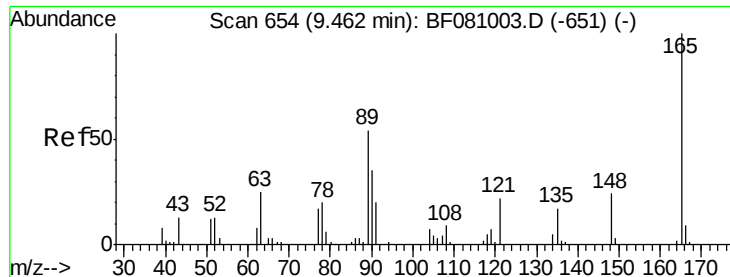
#44
 2-Fluorobiphenyl
 Concen: 87.20 ng
 RT: 8.95 min Scan# 618
 Delta R.T. -0.04 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Tgt Ion:172 Resp: 724440
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.9 43.3
 170 24.5 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

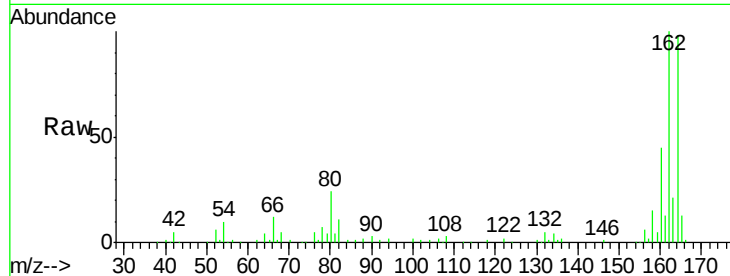




#50
 2,6-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.61 min Scan# 676
 Delta R.T. 0.16 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

Instrument :
 BNA_F
 ClientSampleId :

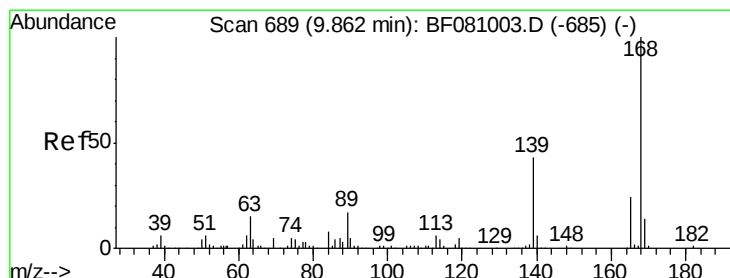
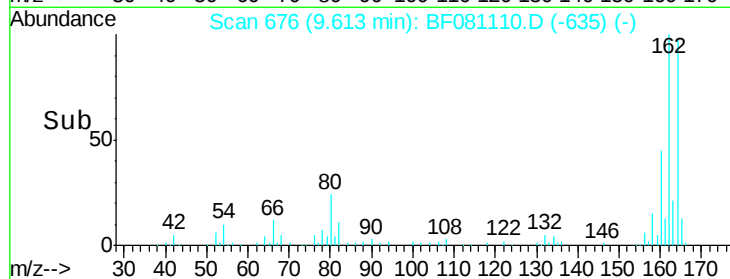
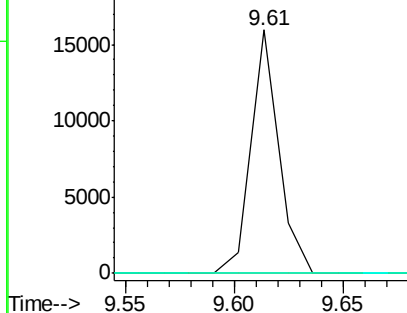
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	49.5	74.3#
89	0.0	47.6	71.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 5.55 ng
 RT: 9.61 min Scan# 676
 Delta R.T. -0.24 min
 Lab File: BF081110.D
 Acq: 20 Aug 2015 6:13

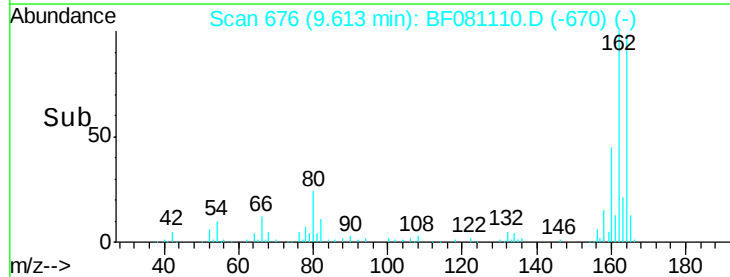
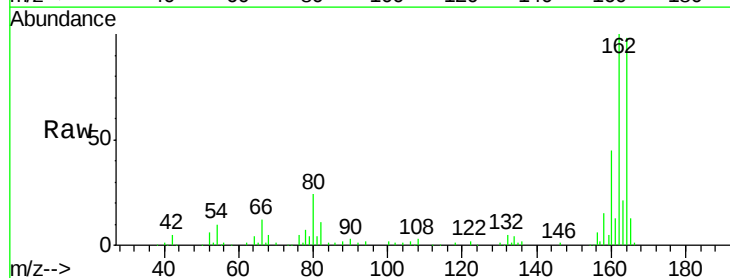
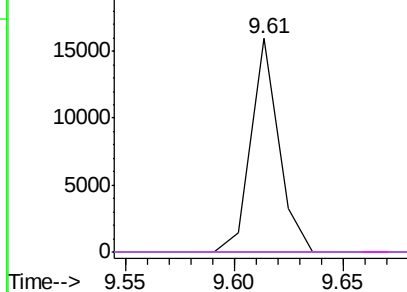
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#

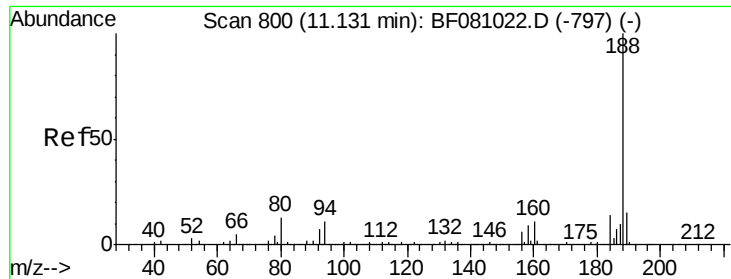
Abundance Ion 165.00 (164.70 to 165.70): E

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

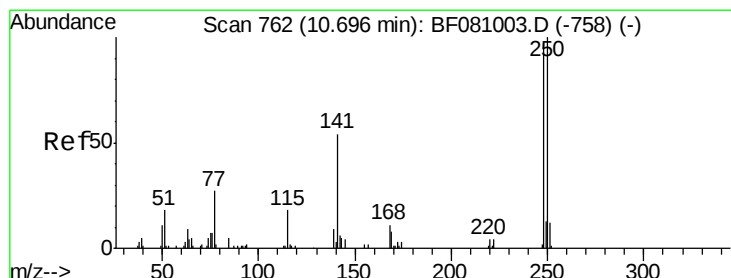
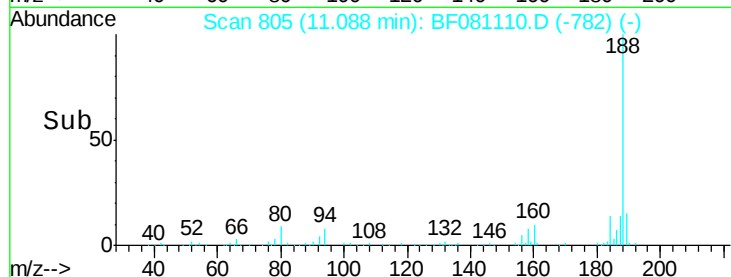
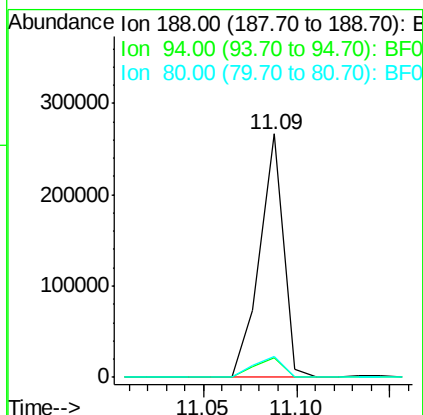
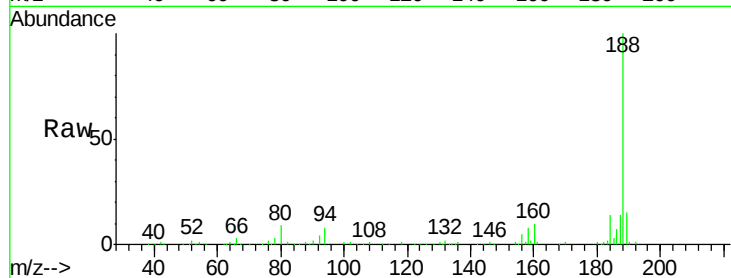




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 805
Delta R.T. -0.04 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

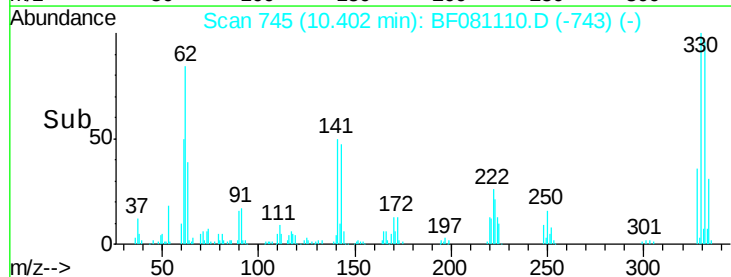
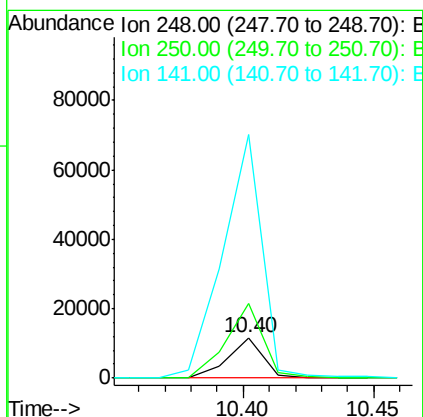
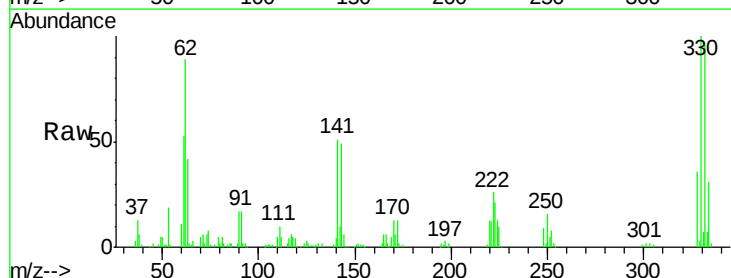
Instrument :
BNA_F
ClientSampleId :

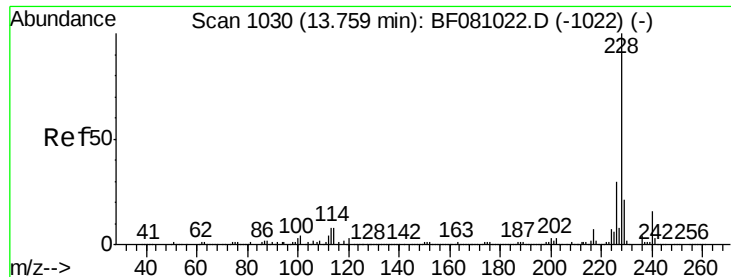
Tot Ion:188 Resp: 240091
Ion Ratio Lower Upper
188 100
94 8.1 8.2 12.2#
80 8.6 9.5 14.3#



#66
4-Bromophenyl-phenylether
Concen: 4.61 ng
RT: 10.40 min Scan# 745
Delta R.T. -0.28 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

Tgt Ion:248 Resp: 10881
Ion Ratio Lower Upper
248 100
250 185.5 77.8 116.6#
141 602.5 39.8 59.6#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1034

Delta R.T. -0.04 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

Instrument :

BNA_F

ClientSampleId :

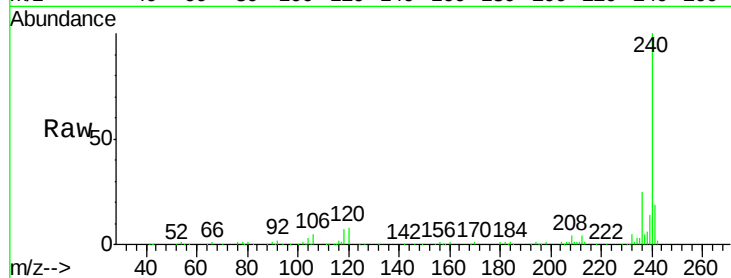
Tot Ion:240 Resp: 218366

Ion Ratio Lower Upper

240 100

120 7.5 5.6 8.4

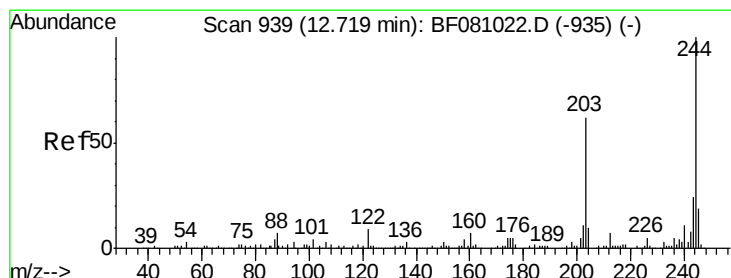
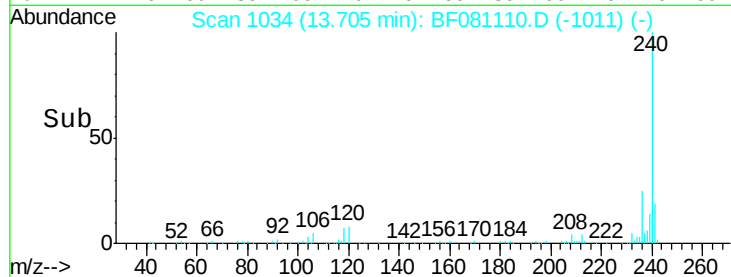
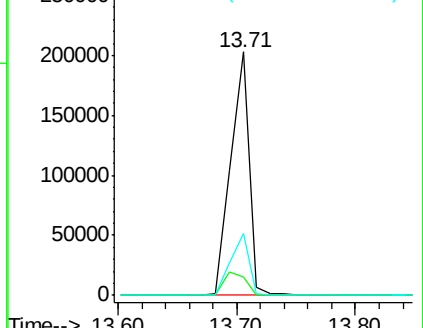
236 25.5 20.6 30.8



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



#78

Terphenyl-d14

Concen: 75.33 ng

RT: 12.68 min Scan# 944

Delta R.T. -0.03 min

Lab File: BF081110.D

Acq: 20 Aug 2015 6:13

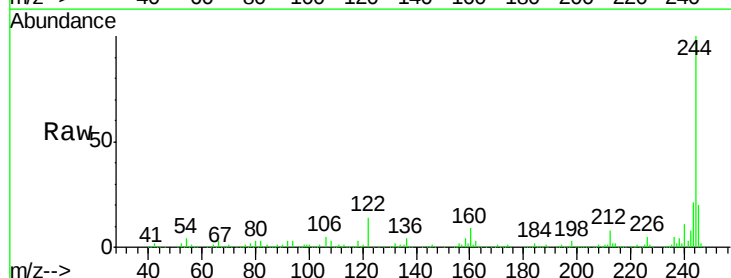
Tgt Ion:244 Resp: 767313

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

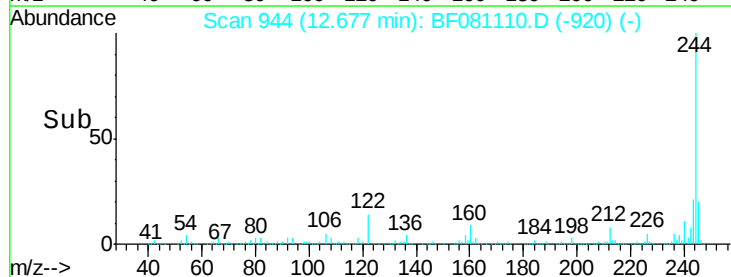
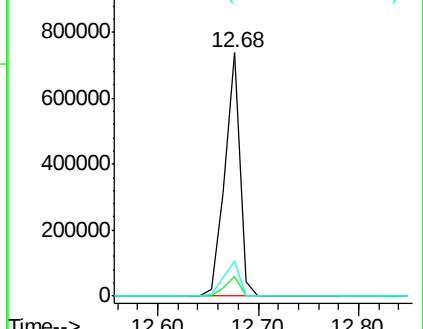
122 14.3 8.2 12.4#

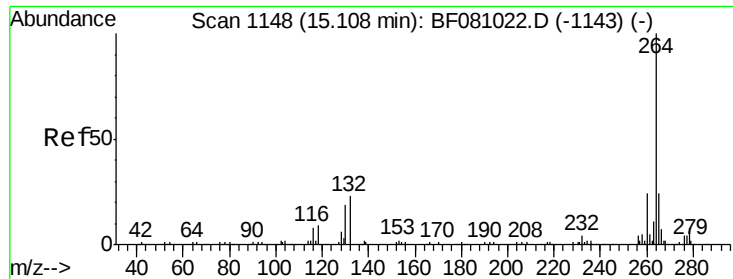


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

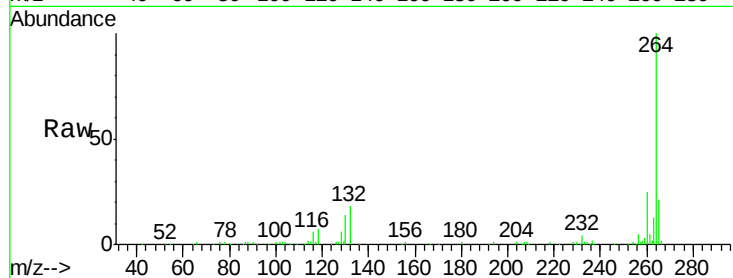




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.04 min Scan# 1151
Delta R.T. -0.05 min
Lab File: BF081110.D
Acq: 20 Aug 2015 6:13

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

