

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
 Data File : BF082151.D
 Acq On : 9 Oct 2015 18:10
 Operator : UM/IZ
 Sample : G3906-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 22:51:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 09 22:47:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	110773	20.00	ng	-0.01
21) Naphthalene-d8	8.14	136	434866	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	199525	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	355519	20.00	ng	0.00
75) Chrysene-d12	14.02	240	280044	20.00	ng	-0.01
86) Perylene-d12	15.46	264	227734	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.45	112	482910	79.14	ng	0.01
7) Phenol-d6	6.48	99	387290	50.44	ng	-0.01
23) Nitrobenzene-d5	7.42	82	660937	101.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	251642	124.53	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	1313949	119.41	ng	0.00
78) Terphenyl-d14	12.97	244	1049333	154.20	ng	0.00

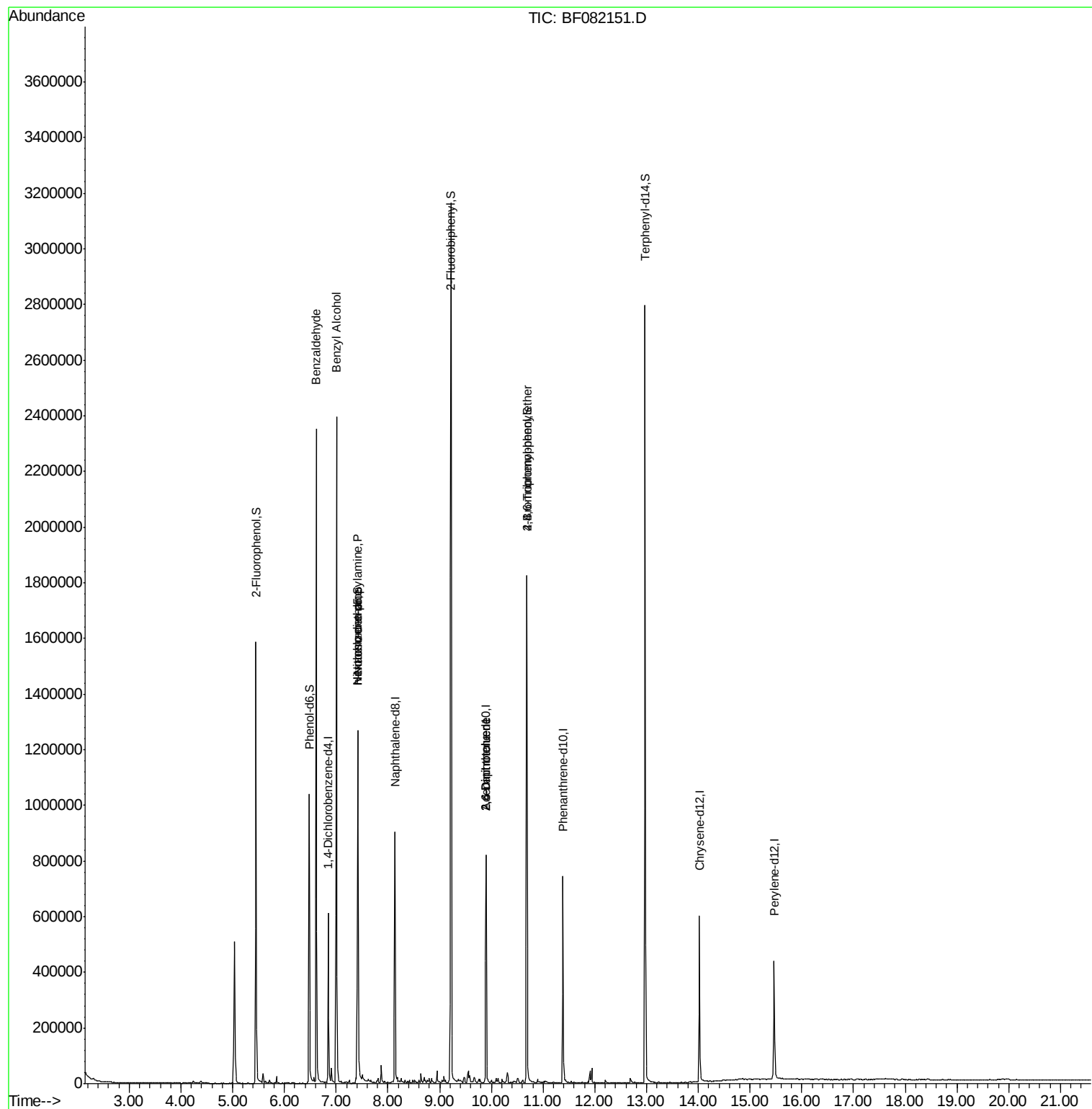
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.62	77	15898	3.16	ng	# 61
15) Benzyl Alcohol	7.01	79	12338	2.23	ng	# 32
18) Hexachloroethane	7.42	117	7051	2.71	ng	# 9
19) n-Nitroso-di-n-propylamine	7.42	70	85524	18.33	ng	# 58
50) 2,6-Dinitrotoluene	9.90	165	25713	8.60	ng	# 40
56) 2,4-Dinitrotoluene	9.90	165	25710	6.74	ng	# 34
57) Fluorene	10.45	166	2470	Below Cal		# 87
66) 4-Bromophenyl-phenylether	10.69	248	16819	4.69	ng	# 1
70) Phenanthrene	11.41	178	3281	Below Cal		# 94

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100915\
Data File : BF082151.D
Acq On : 9 Oct 2015 18:10
Operator : UM/IZ
Sample : G3906-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 22:51:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 09 22:47:26 2015
Response via : Initial Calibration

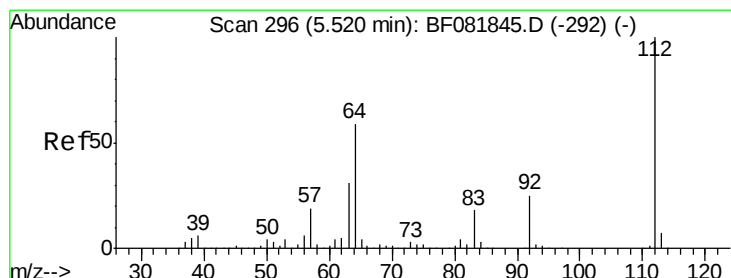
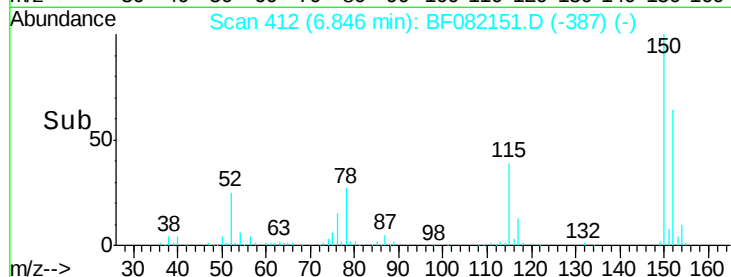
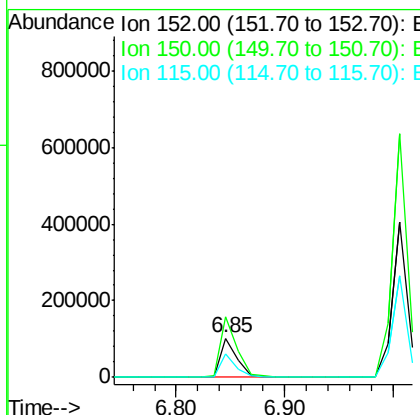
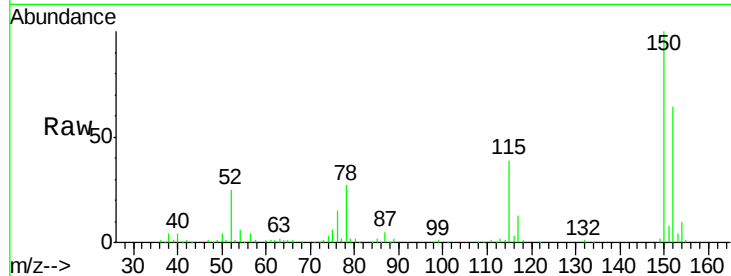




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 412
 Delta R.T. -0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

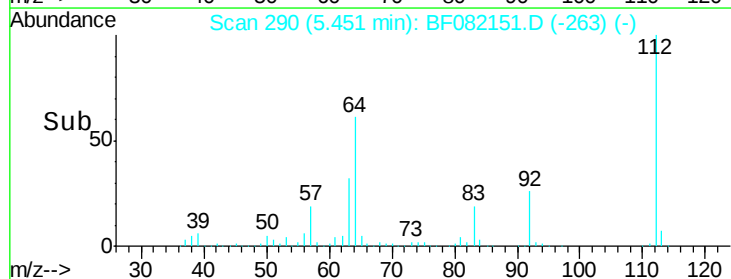
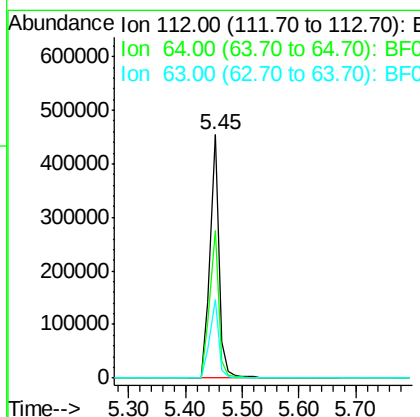
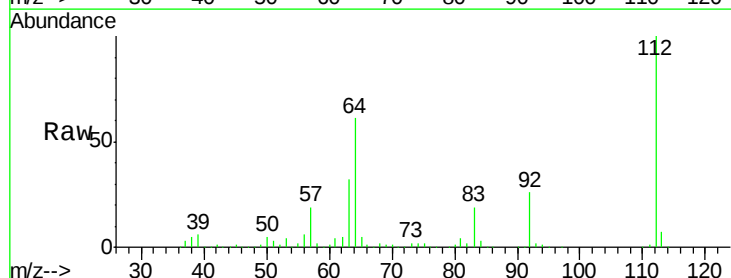
Instrument :
 BNA_F
 ClientSampleId :

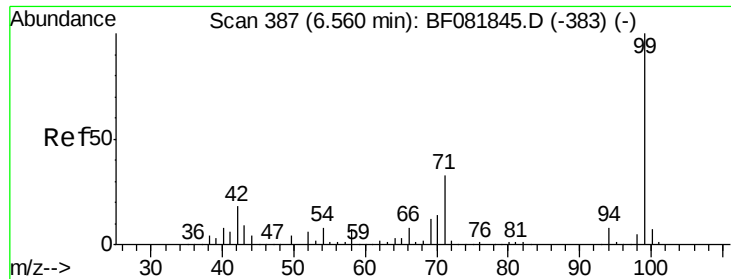
Tot Ion:152 Resp: 110773
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 61.9 39.0 58.4#



#5
 2-Fluorophenol
 Concen: 79.14 ng
 RT: 5.45 min Scan# 290
 Delta R.T. 0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:112 Resp: 482910
 Ion Ratio Lower Upper
 112 100
 64 60.5 39.7 59.5#
 63 32.1 17.4 26.0#





#7

Phenol-d6

Concen: 50.44 ng

RT: 6.48 min Scan# 380

Delta R.T. -0.01 min

Lab File: BF082151.D

Acq: 9 Oct 2015 18:10

Instrument :

BNA_F

ClientSampled :

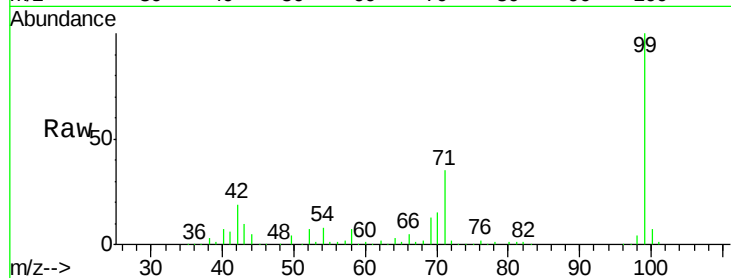
Tot Ion: 99 Resp: 387290

Ion Ratio Lower Upper

99 100

42 19.0 13.7 20.5

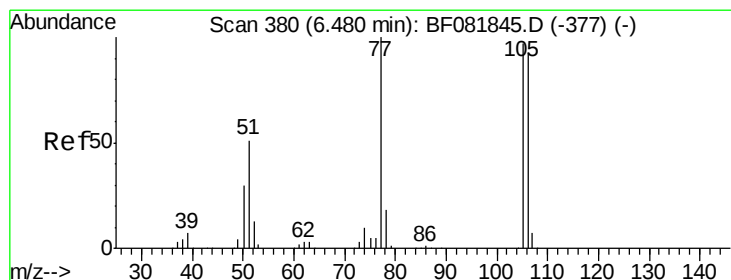
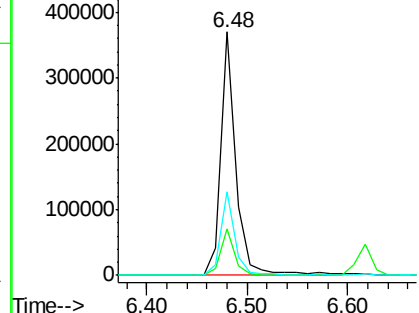
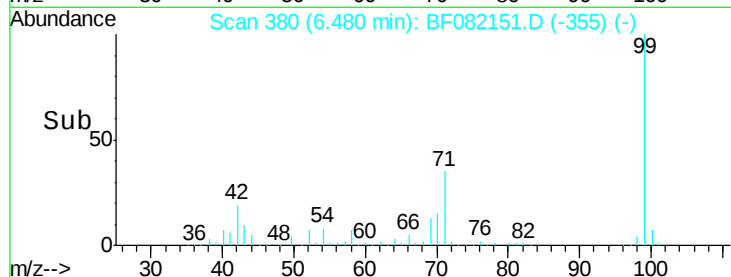
71 34.6 14.2 21.2#



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: 3.16 ng

RT: 6.62 min Scan# 392

Delta R.T. 0.22 min

Lab File: BF082151.D

Acq: 9 Oct 2015 18:10

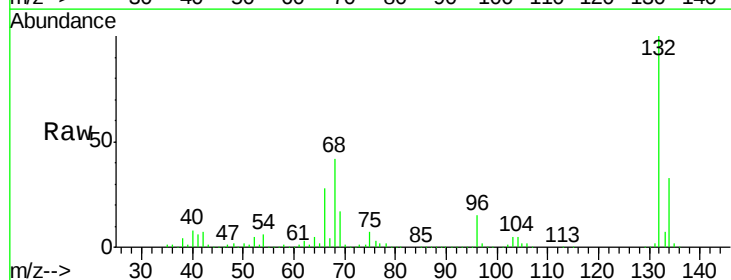
Tgt Ion: 77 Resp: 15898

Ion Ratio Lower Upper

77 100

105 78.0 91.6 131.6#

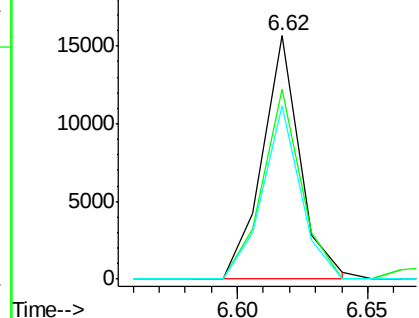
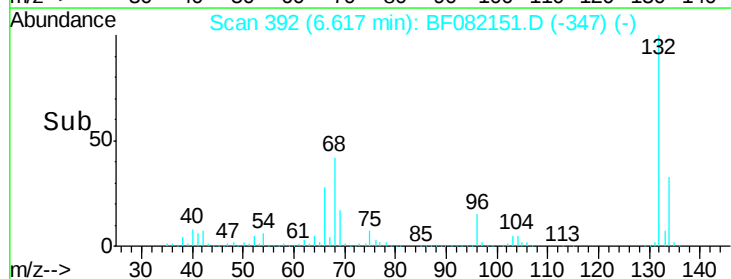
106 71.0 102.6 142.6#

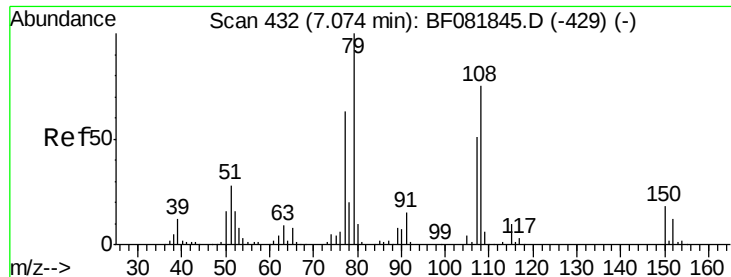


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.23 ng

RT: 7.01 min Scan# 426

Delta R.T. -0.00 min

Lab File: BF082151.D

Acq: 9 Oct 2015 18:10

Instrument :

BNA_F

ClientSampleId :

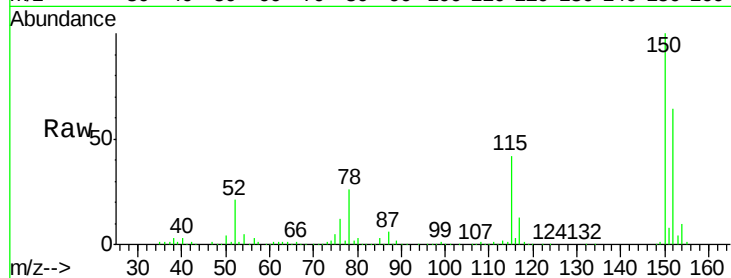
Tot Ion: 79 Resp: 12338

Ion Ratio Lower Upper

79 100

108 32.5 88.6 132.8#

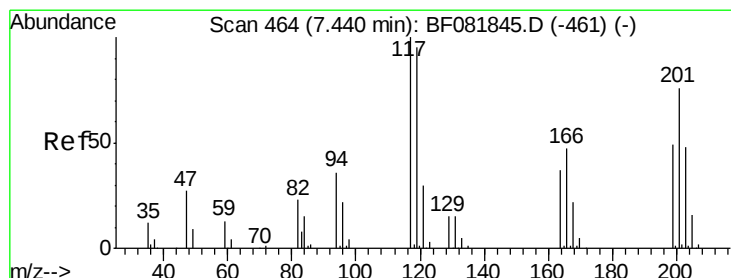
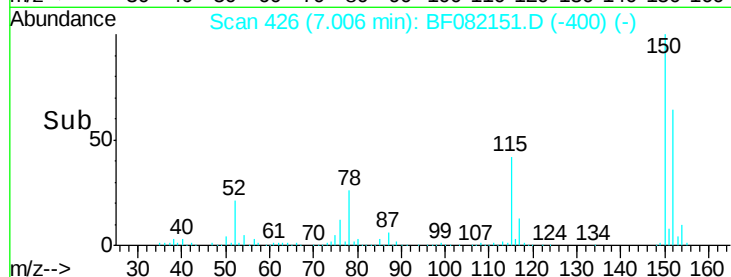
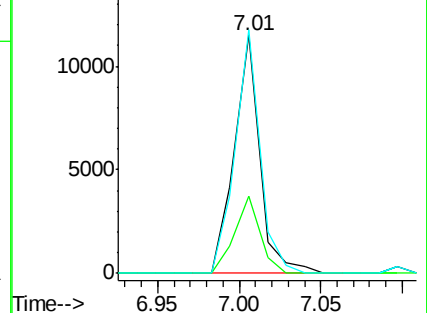
77 102.3 47.0 70.4#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 2.71 ng

RT: 7.42 min Scan# 462

Delta R.T. 0.06 min

Lab File: BF082151.D

Acq: 9 Oct 2015 18:10

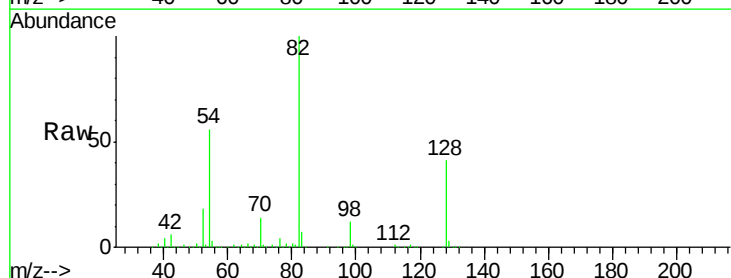
Tgt Ion: 117 Resp: 7051

Ion Ratio Lower Upper

117 100

119 6.4 83.8 125.6#

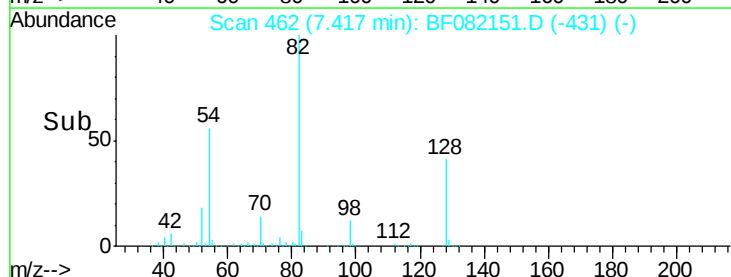
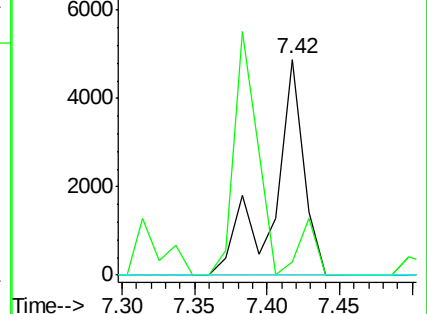
201 0.0 55.1 82.7#

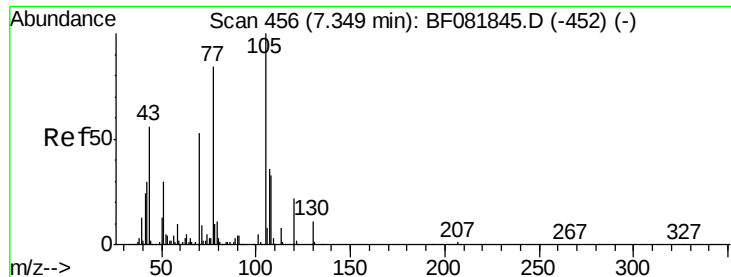


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

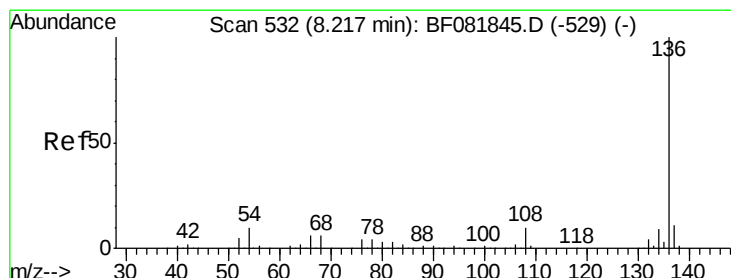
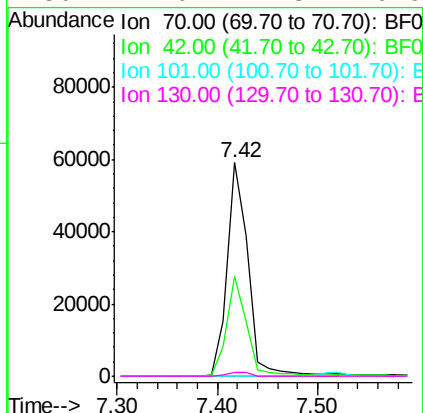
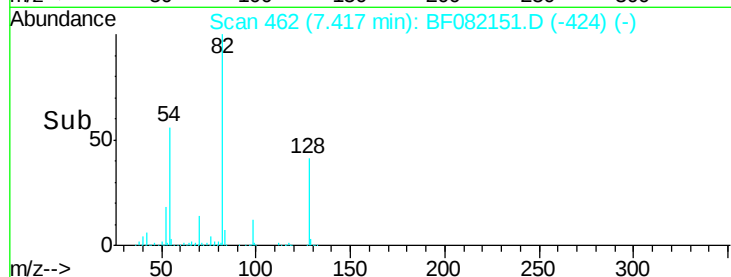
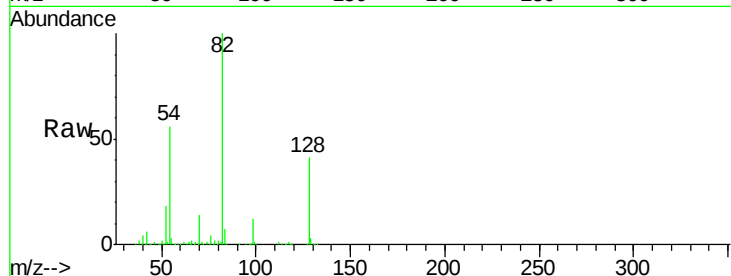




#19
n-Nitroso-di-n-propylamine
Concen: 18.33 ng
RT: 7.42 min Scan# 462
Delta R.T. 0.14 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

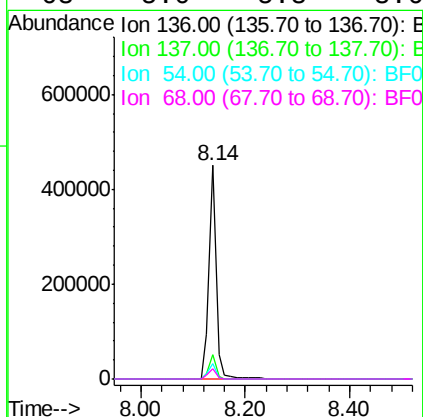
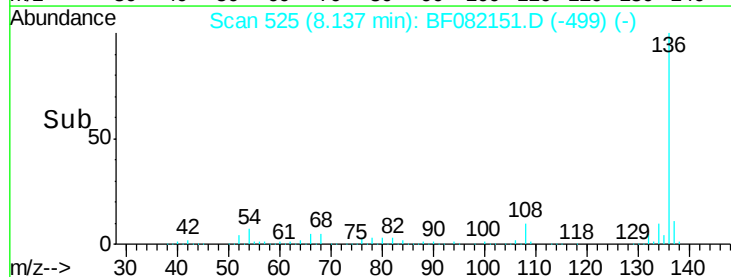
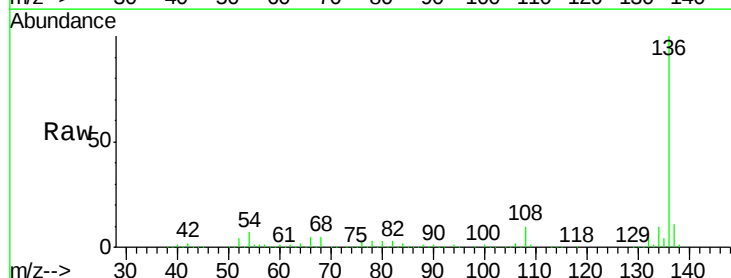
Instrument :
BNA_F
ClientSampleId :

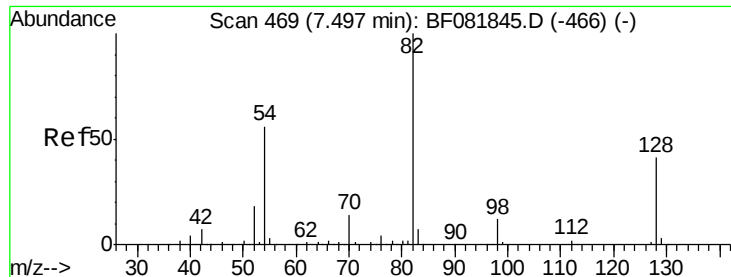
Tot Ion: 70 Resp: 85524
Ion Ratio Lower Upper
70 100
42 46.8 63.8 95.6#
101 0.0 9.2 13.8#
130 2.0 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Tgt Ion: 136 Resp: 434866
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 7.5 8.2 12.2#
68 5.0 5.8 8.6#

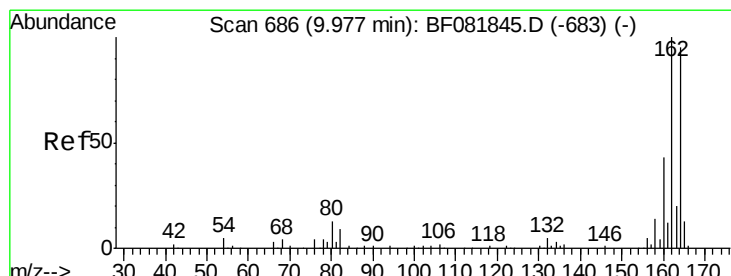
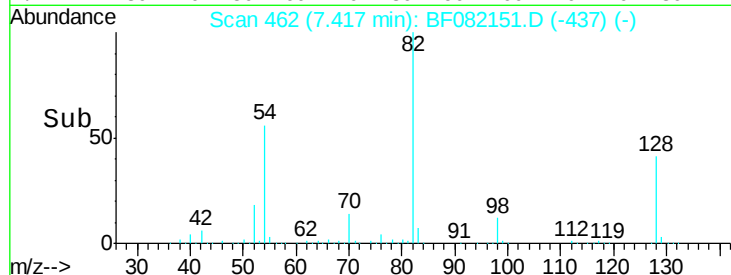
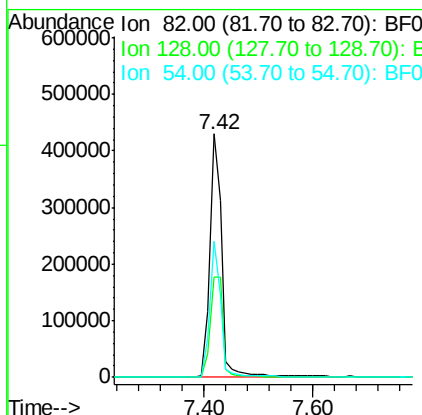
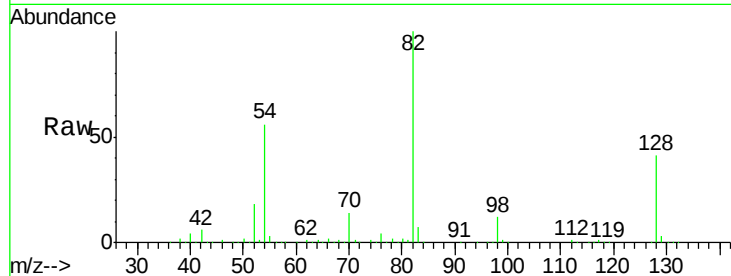




#23
 Nitrobenzene-d5
 Concen: 101.31 ng
 RT: 7.42 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

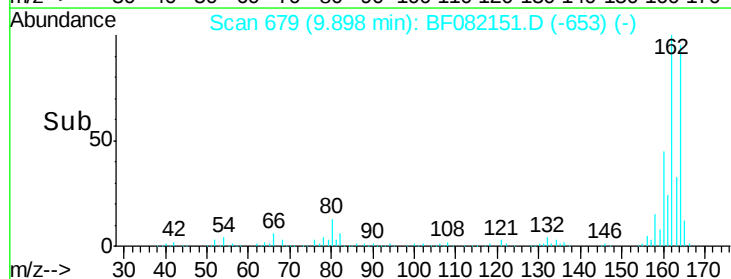
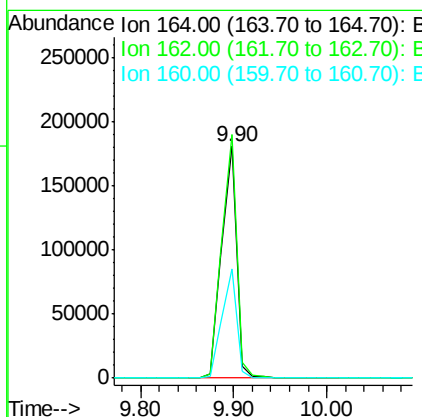
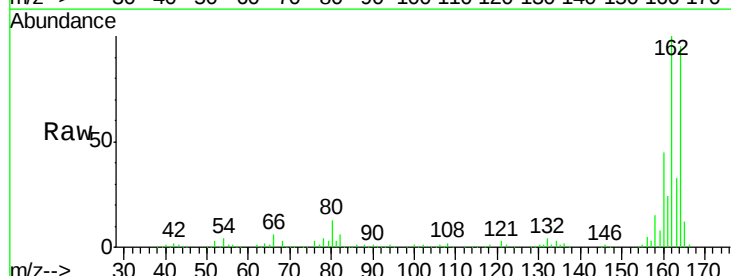
Instrument :
 BNA_F
 ClientSampleID :

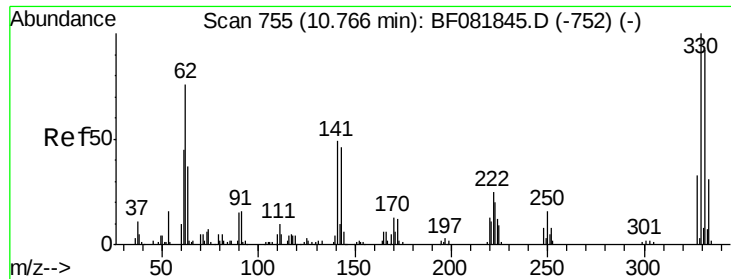
Tot Ion: 82 Resp: 660937
 Ion Ratio Lower Upper
 82 100
 128 40.9 51.0 76.6#
 54 55.9 47.5 71.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:164 Resp: 199525
 Ion Ratio Lower Upper
 164 100
 162 105.2 75.2 112.8
 160 47.1 31.5 47.3

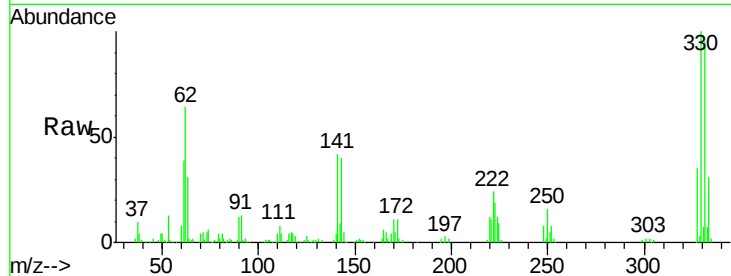




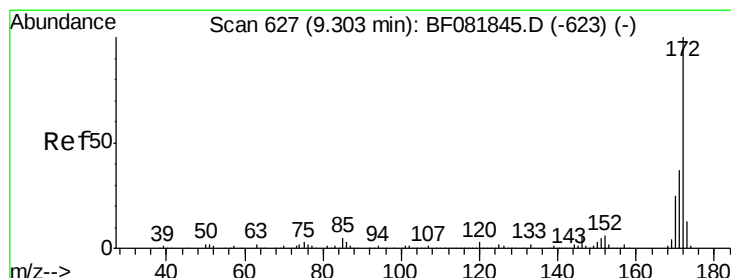
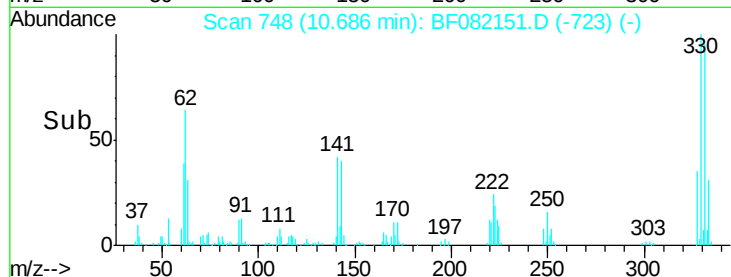
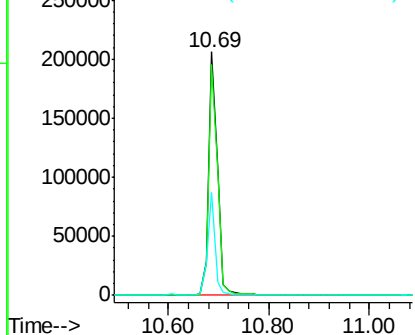
#41
 2,4,6-Tribromophenol
 Concen: 124.53 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 251642
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 36.9 29.7 44.5

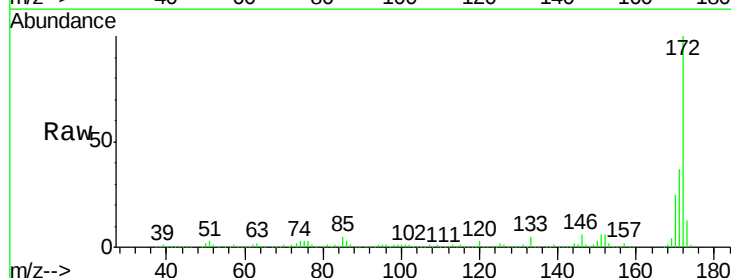


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

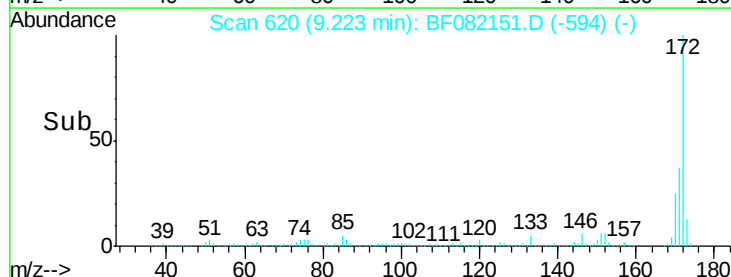
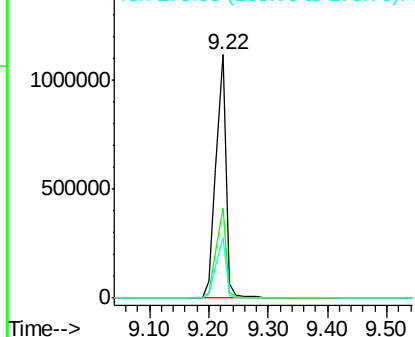


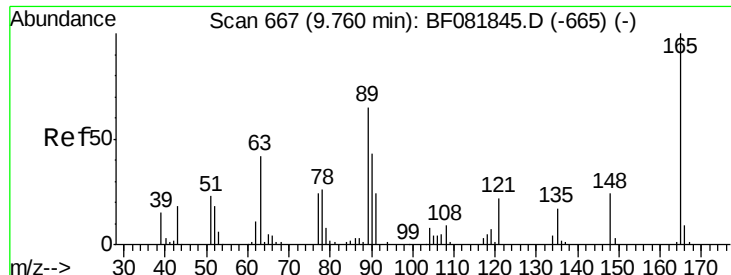
#44
 2-Fluorobiphenyl
 Concen: 119.41 ng
 RT: 9.22 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:172 Resp: 1313949
 Ion Ratio Lower Upper
 172 100
 171 36.9 26.1 39.1
 170 24.8 17.4 26.2



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

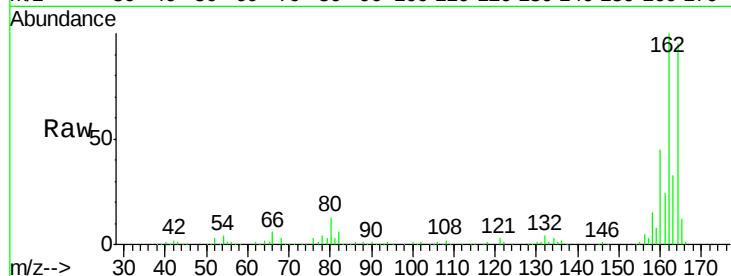




#50
2,6-Dinitrotoluene
Concen: 8.60 ng
RT: 9.90 min Scan# 679
Delta R.T. 0.21 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

Instrument :
BNA_F
ClientSampleId :

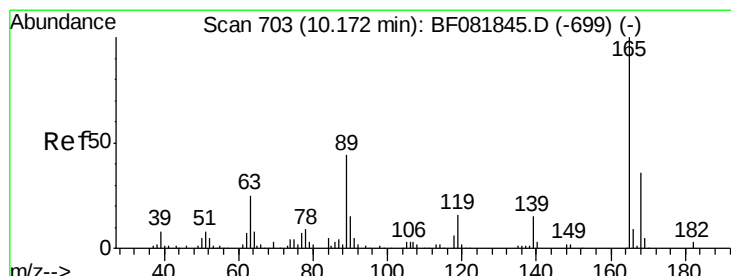
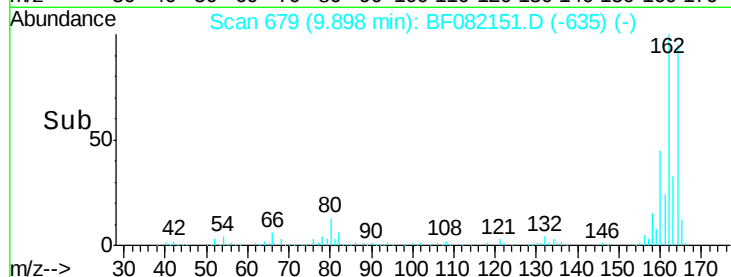
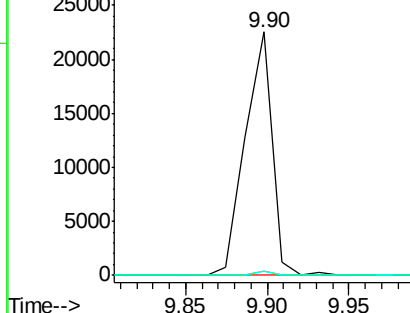
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	32.3	48.5#
89	1.8	28.6	43.0#



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: 6.74 ng
RT: 9.90 min Scan# 679
Delta R.T. -0.21 min
Lab File: BF082151.D
Acq: 9 Oct 2015 18:10

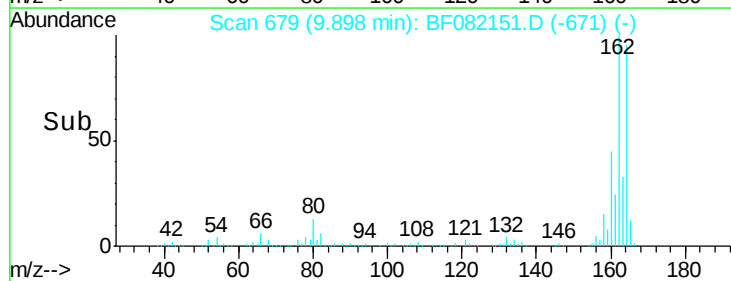
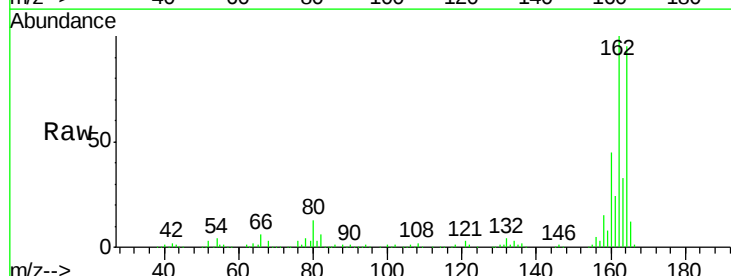
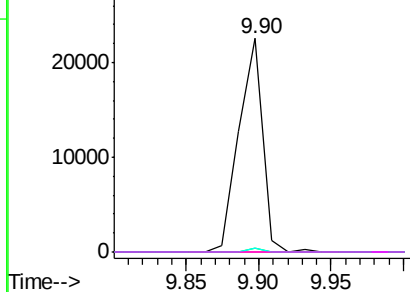
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	29.8	44.6#
89	1.8	44.5	66.7#
182	0.0	3.0	4.4#

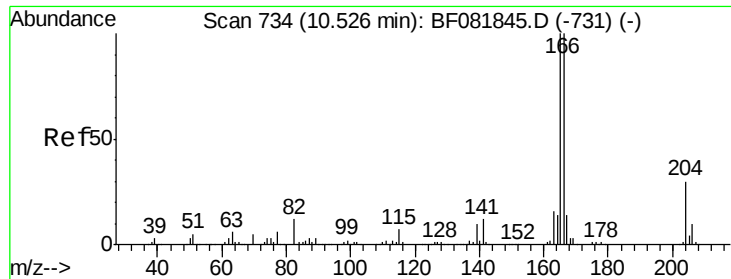
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

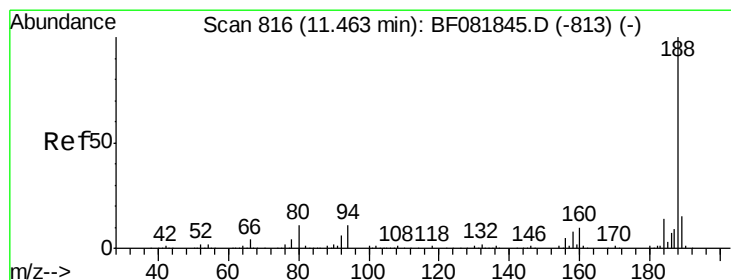
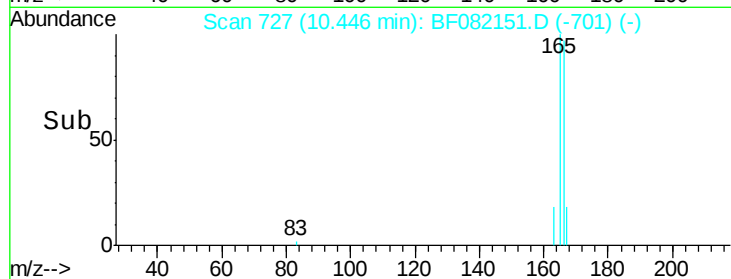
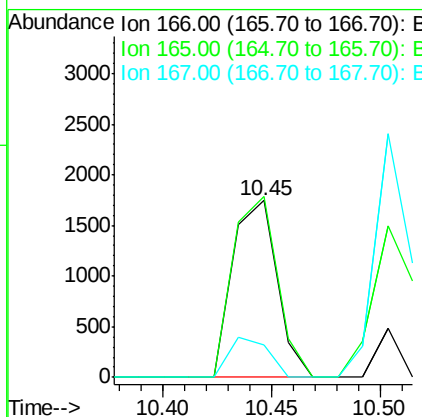
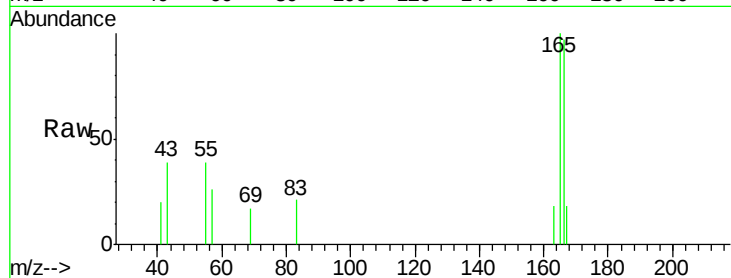




#57
 Fluorene
 Concen: Below Cal
 RT: 10.45 min Scan# 727
 Delta R.T. -0.00 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

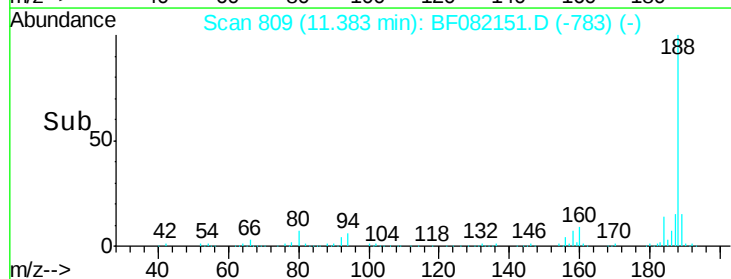
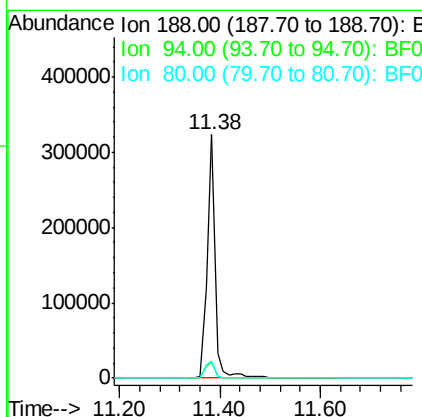
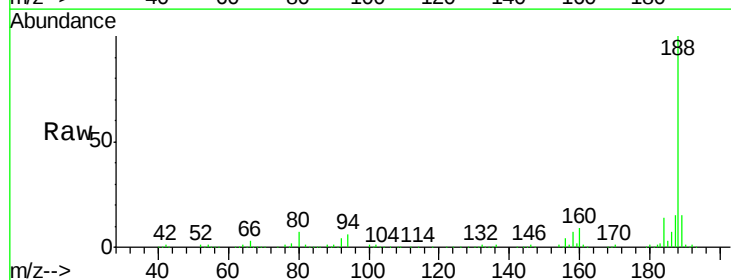
Instrument :
 BNA_F
 ClientSampleId :

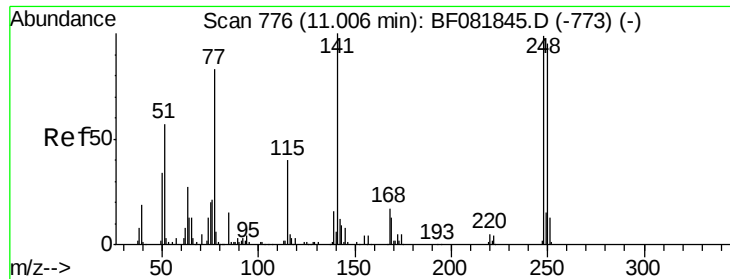
Tot Ion:166 Resp: 2470
 Ion Ratio Lower Upper
 166 100
 165 102.7 72.6 109.0
 167 18.5 10.6 16.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.38 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:188 Resp: 355519
 Ion Ratio Lower Upper
 188 100
 94 6.4 11.1 16.7#
 80 6.9 11.0 16.4#

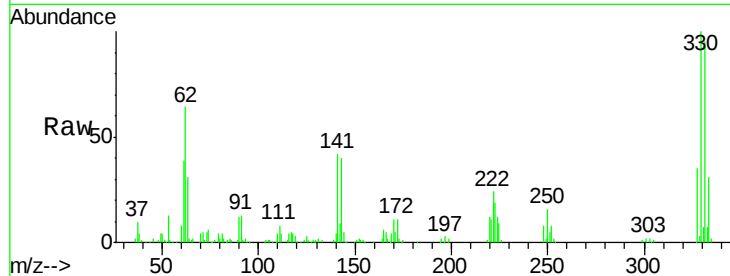




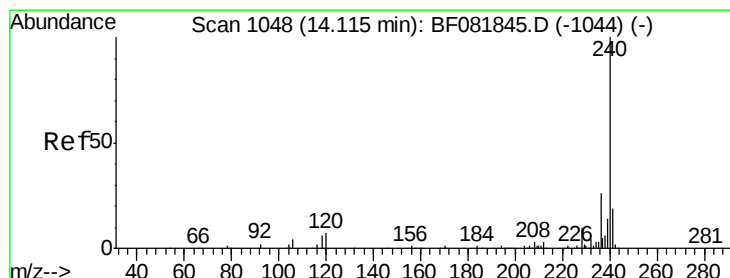
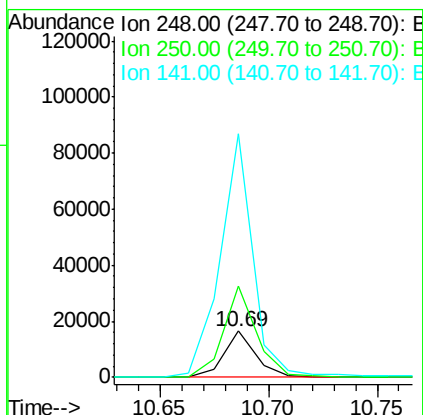
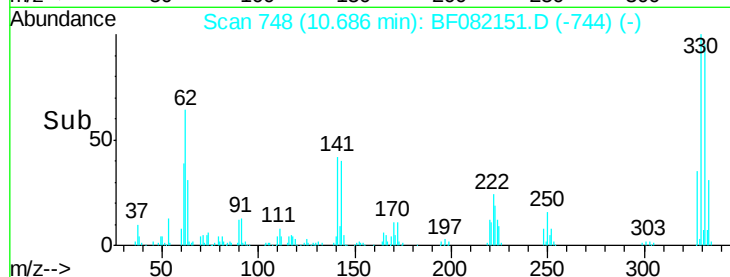
#66
 4-Bromophenyl-phenylether
 Concen: 4.69 ng
 RT: 10.69 min Scan# 748
 Delta R.T. -0.25 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 16819
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.5 117.7#
 141 524.4 59.0 88.6#

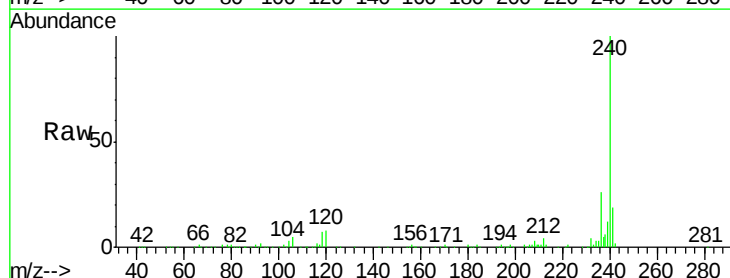


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

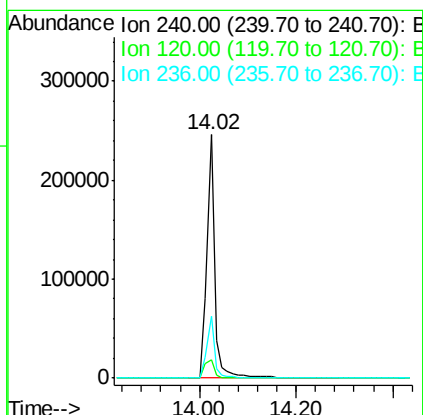
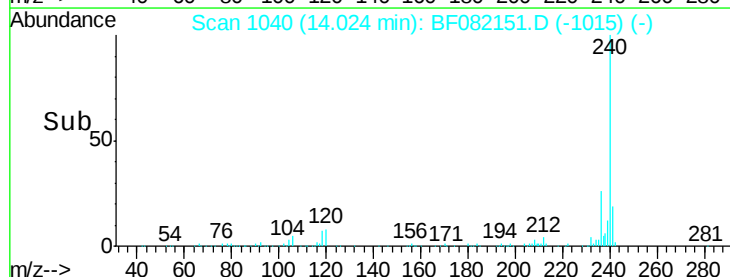


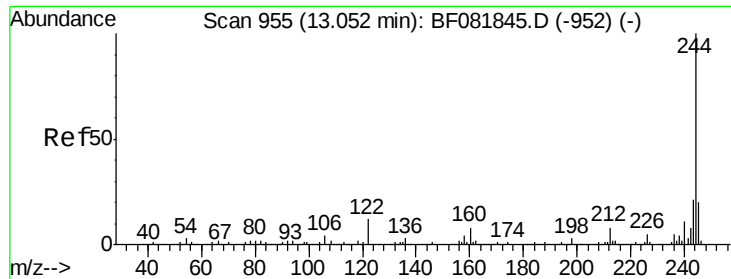
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:240 Resp: 280044
 Ion Ratio Lower Upper
 240 100
 120 7.7 16.2 24.2#
 236 25.7 18.4 27.6



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

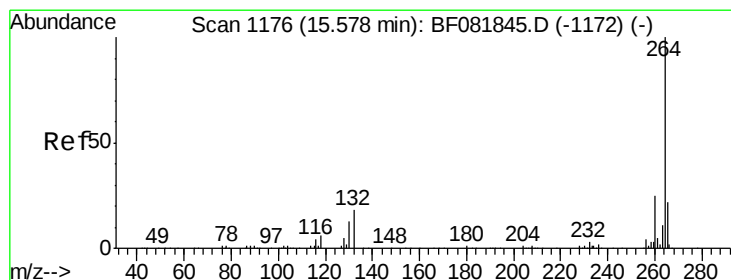
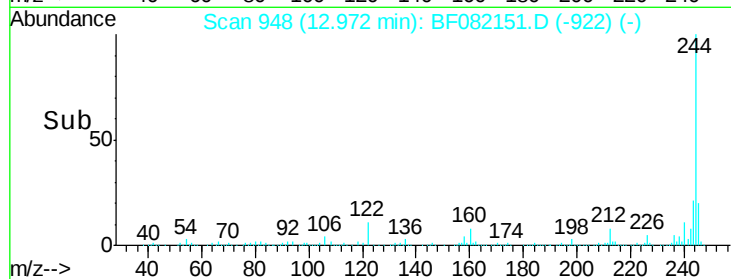
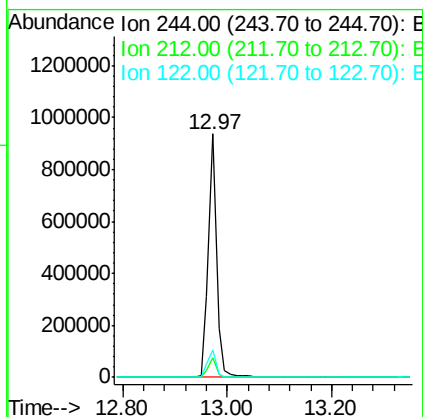
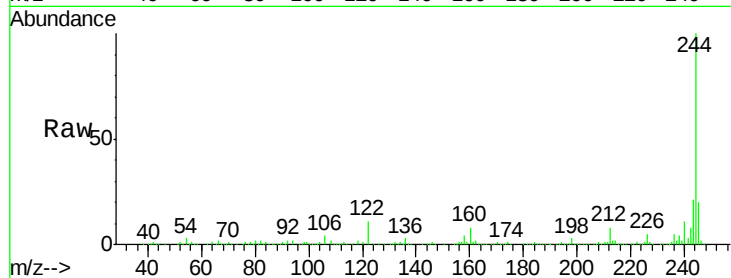




#78
 Terphenyl-d14
 Concen: 154.20 ng
 RT: 12.97 min Scan# 948
 Delta R.T. -0.00 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1049333
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.3 6.5#
 122 11.1 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF082151.D
 Acq: 9 Oct 2015 18:10

Tgt Ion:264 Resp: 227734
 Ion Ratio Lower Upper
 264 100
 260 23.3 16.7 25.1
 265 21.6 17.2 25.8

