

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081036.D
 Acq On : 18 Aug 2015 8:28
 Operator : UM/IZ
 Sample : G3239-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Quant Time: Aug 18 11:20:05 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

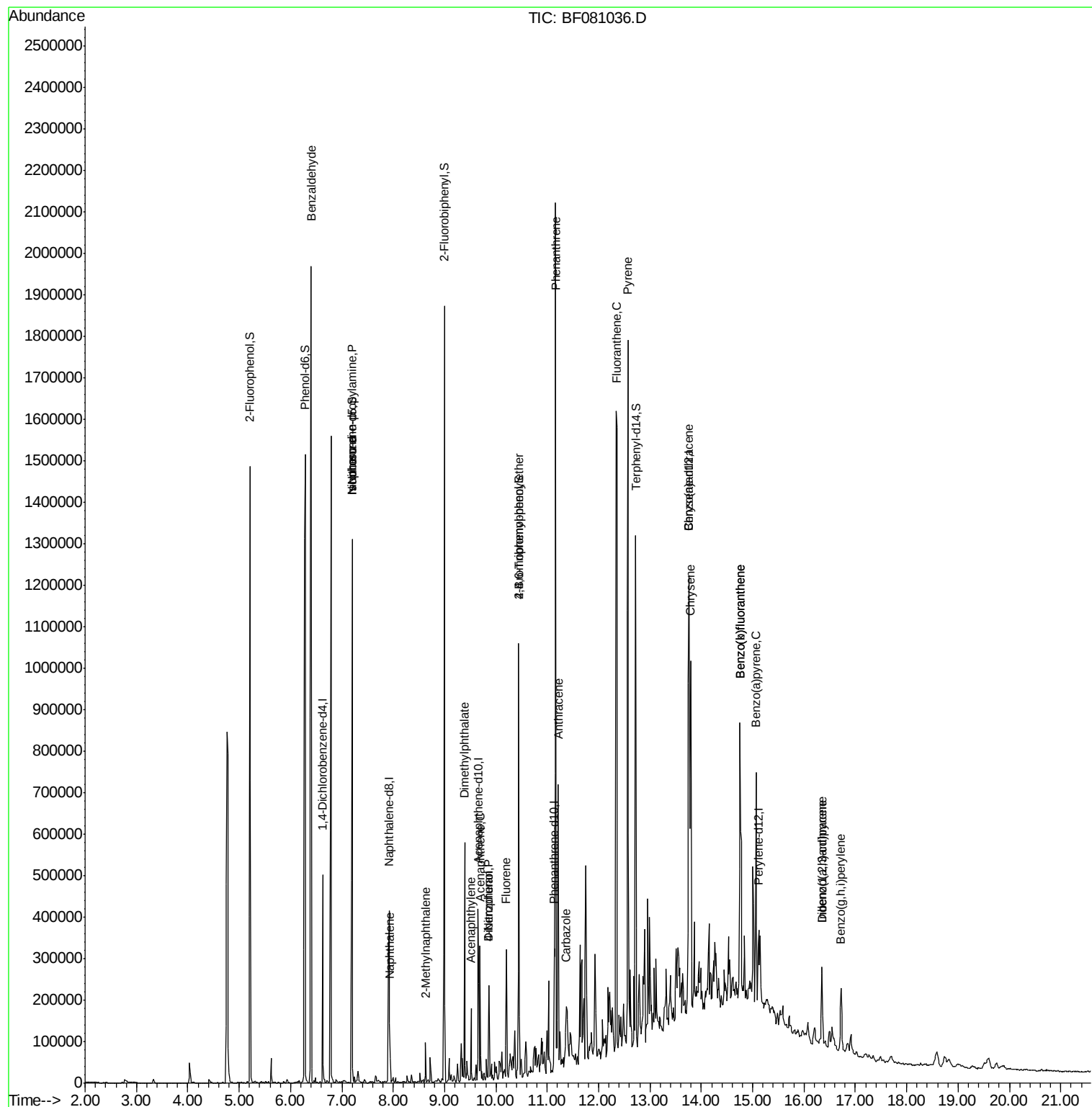
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	61741	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	228939	20.00	ng	0.01
38) Acenaphthene-d10	9.66	164	90528	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	151696	20.00	ng	0.00
75) Chrysene-d12	13.76	240	120400	20.00	ng	0.01
86) Perylene-d12	15.12	264	91756	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	464298	113.11	ng	0.02
7) Phenol-d6	6.28	99	731490	136.58	ng	0.02
23) Nitrobenzene-d5	7.20	82	421837	84.17	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	72104	91.88	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	514102	74.41	ng	0.00
78) Terphenyl-d14	12.72	244	311191	55.41	ng	0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.40	77	13613	3.94	ng	86
19) n-Nitroso-di-n-propylamine	7.20	70	57260	15.43	ng	# 71
25) Isophorone	7.20	82	307284	32.88	ng	# 71
31) Naphthalene	7.93	128	62868	4.93	ng	98
37) 2-Methylnaphthalene	8.63	142	23374	2.90	ng	94
48) Acenaphthylene	9.52	152	58502	5.11	ng	99
49) Dimethylphthalate	9.39	163	190872	25.60	ng	99
51) Acenaphthene	9.69	154	62758	9.15	ng	100
54) Dibenzofuran	9.86	168	66915	7.28	ng	95
55) 4-Nitrophenol	9.86	139	26911	19.13	ng	# 1
57) Fluorene	10.20	166	81333	11.50	ng	97
66) 4-Bromophenyl-phenylether	10.44	248	6027	4.04	ng	# 1
70) Phenanthrene	11.16	178	751935	83.64	ng	98
71) Anthracene	11.21	178	237033	27.09	ng	99
72) Carbazole	11.37	167	63712	7.56	ng	99
74) Fluoranthene	12.35	202	1020094	105.15	ng	97
77) Pyrene	12.57	202	833046	85.11	ng	97
80) Benzo(a)anthracene	13.76	228	475283	58.86	ng	97
82) Chrysene	13.79	228	386269	53.08	ng	97
85) Indeno(1,2,3-cd)pyrene	16.35	276	106712	20.89	ng	92
87) Benzo(b)fluoranthene	14.75	252	471746	72.68	ng	# 95
88) Benzo(k)fluoranthene	14.75	252	471746	78.01	ng	98
89) Benzo(a)pyrene	15.06	252	241375	42.68	ng	# 92
90) Dibenzo(a,h)anthracene	16.35	278	39077	8.87	ng	# 85
91) Benzo(g,h,i)perylene	16.72	276	104817	23.45	ng	# 89

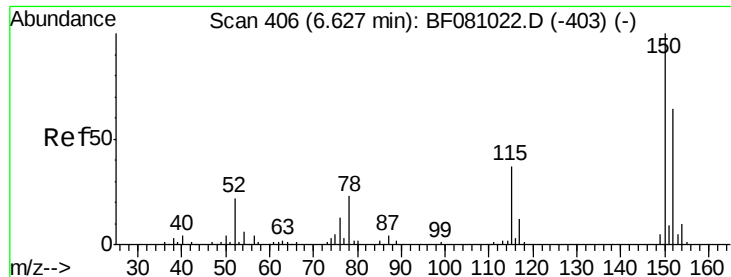
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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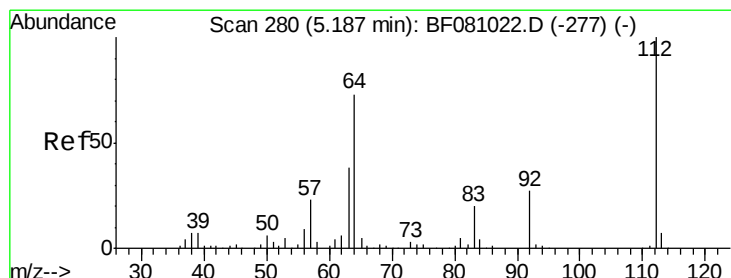
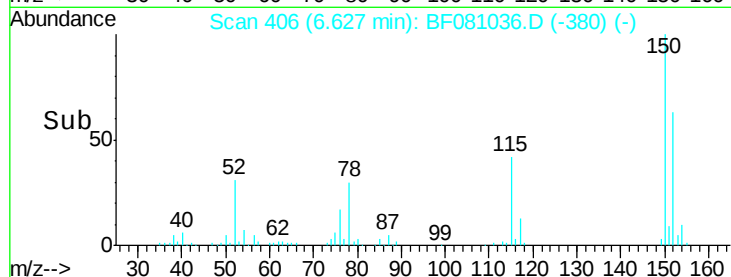
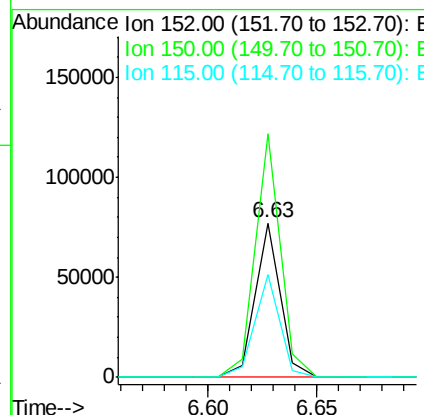
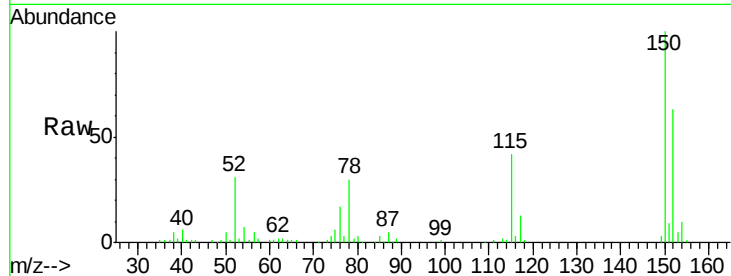




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 406
 Delta R.T. 0.00 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

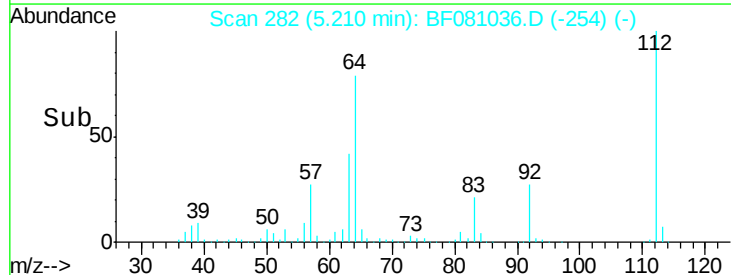
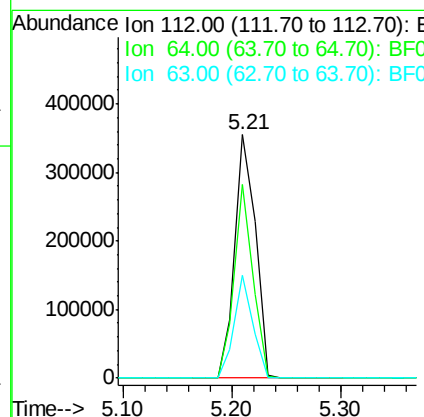
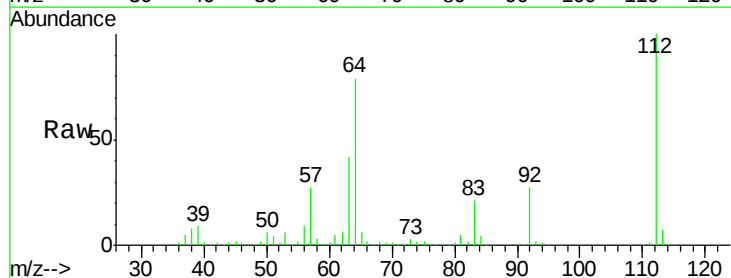
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion:152 Resp: 61741
 Ion Ratio Lower Upper
 152 100
 150 157.9 123.8 185.6
 115 66.4 52.1 78.1



#5
 2-Fluorophenol
 Concen: 113.11 ng
 RT: 5.21 min Scan# 282
 Delta R.T. 0.02 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion:112 Resp: 464298
 Ion Ratio Lower Upper
 112 100
 64 79.4 66.9 100.3
 63 42.1 38.1 57.1





#7

Phenol-d6

Concen: 136.58 ng

RT: 6.28 min Scan# 376

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

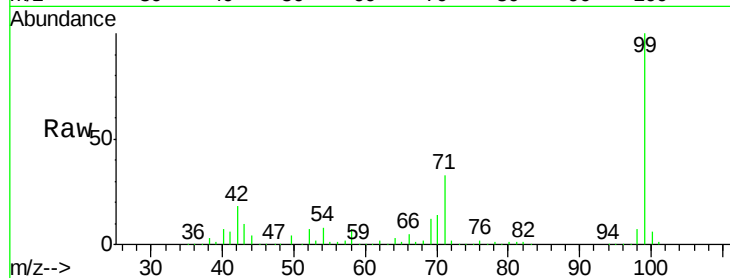
Tgt Ion: 99 Resp: 731490

Ion Ratio Lower Upper

99 100

42 17.9 19.6 29.4#

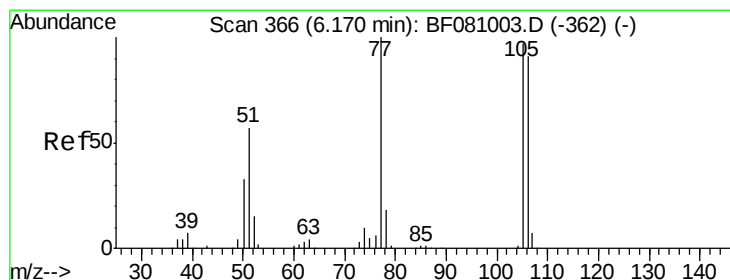
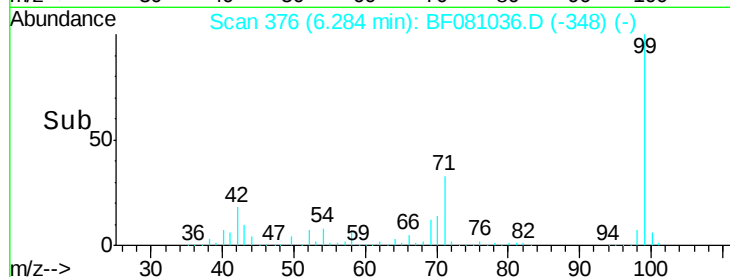
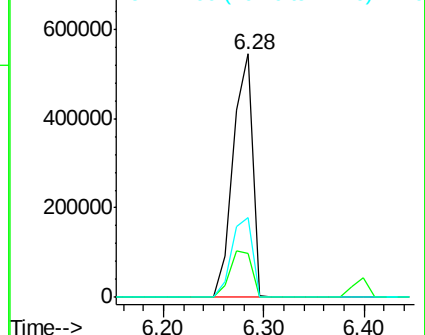
71 32.5 31.2 46.8



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: 3.94 ng

RT: 6.40 min Scan# 386

Delta R.T. 0.24 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

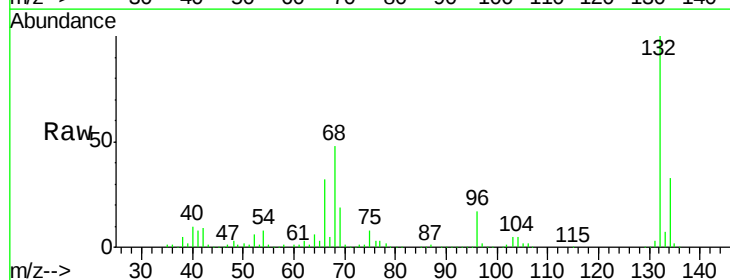
Tgt Ion: 77 Resp: 13613

Ion Ratio Lower Upper

77 100

105 78.6 69.6 109.6

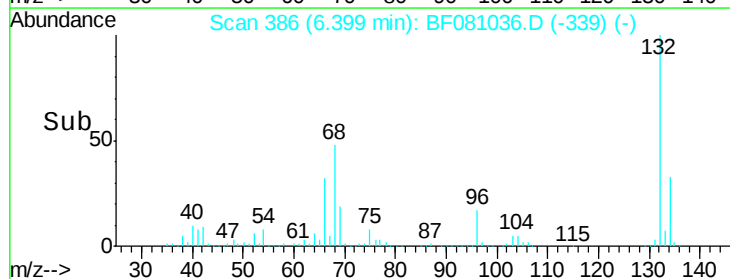
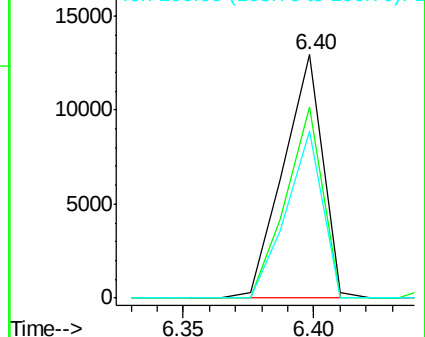
106 68.6 64.0 104.0

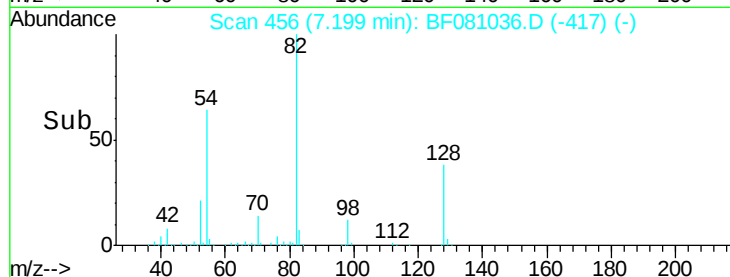
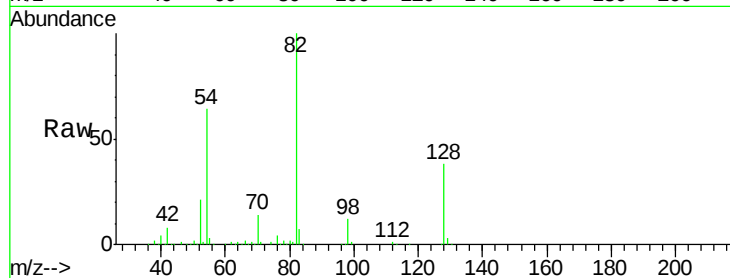
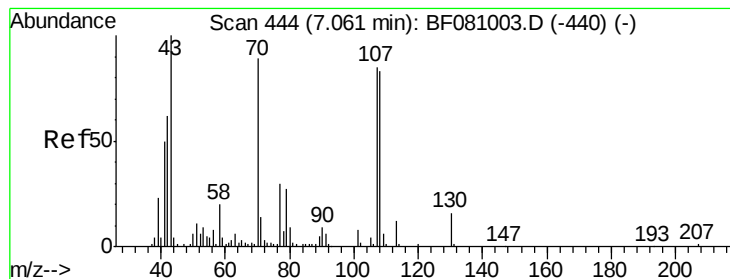


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 15.43 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

Tgt Ion: 70 Resp: 57260

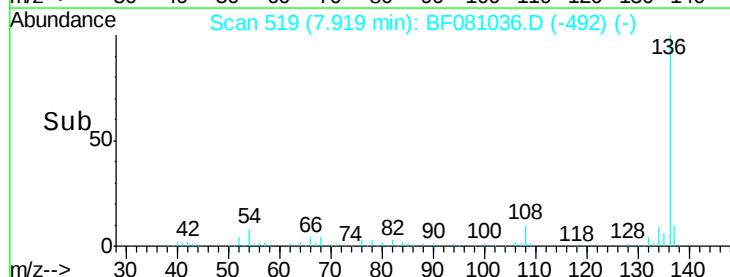
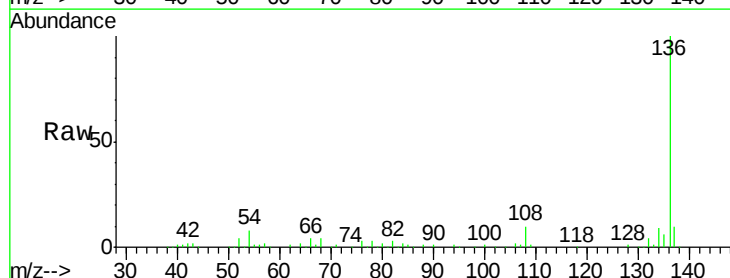
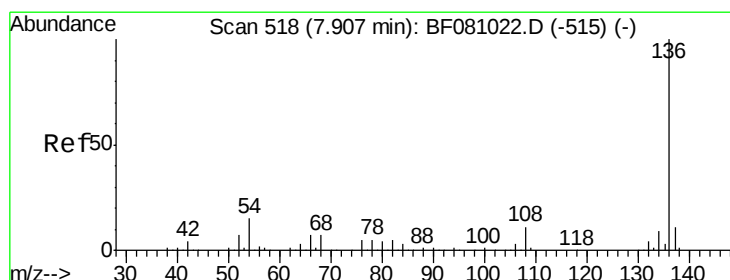
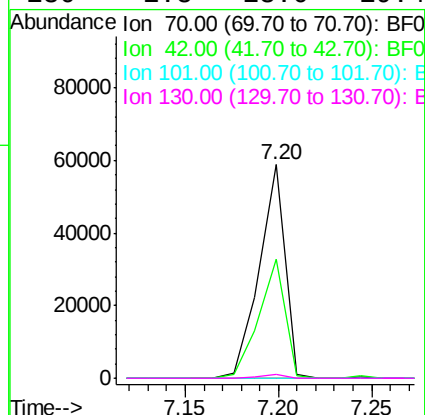
Ion Ratio Lower Upper

70 100

42 56.0 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: 7.92 min Scan# 519

Delta R.T. 0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Tgt Ion: 136 Resp: 228939

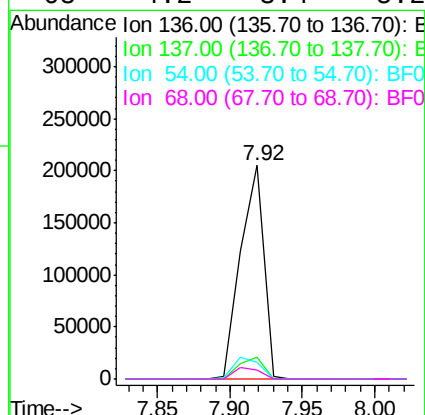
Ion Ratio Lower Upper

136 100

137 10.3 8.2 12.2

54 7.9 7.7 11.5

68 4.2 3.4 5.2

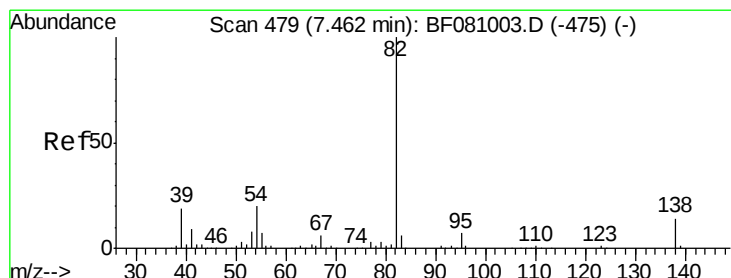
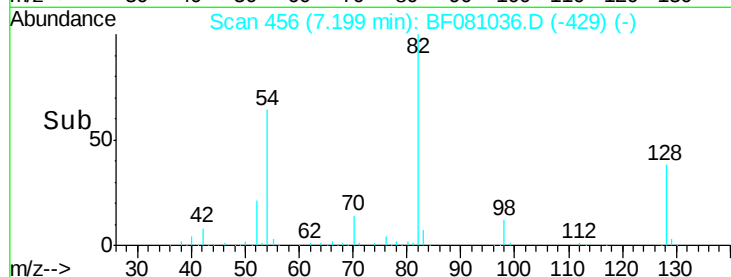
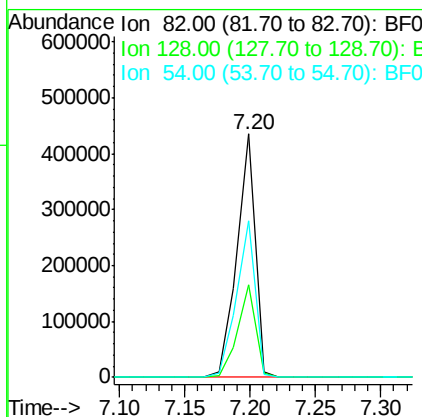
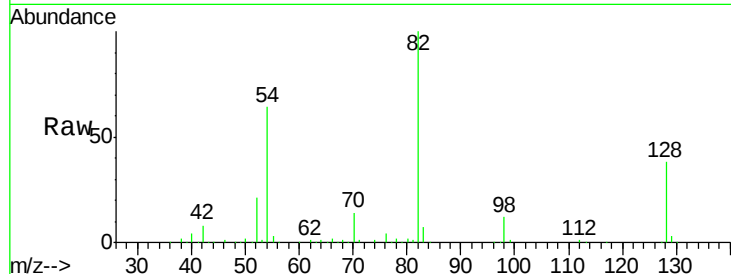




#23
 Nitrobenzene-d5
 Concen: 84.17 ng
 RT: 7.20 min Scan# 456
 Delta R.T. 0.01 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

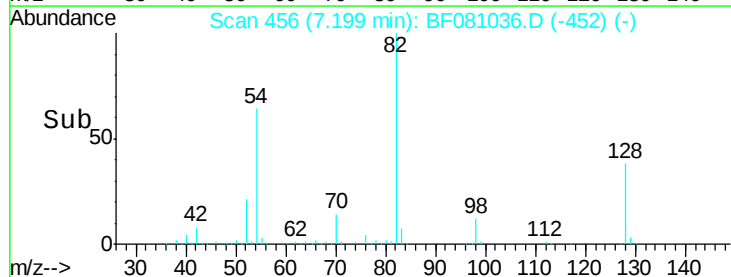
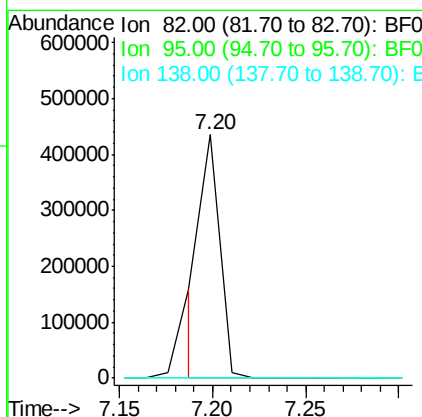
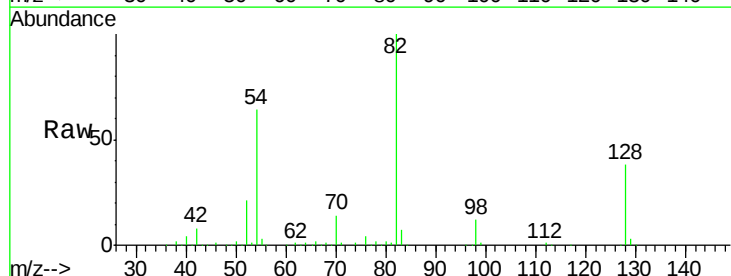
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

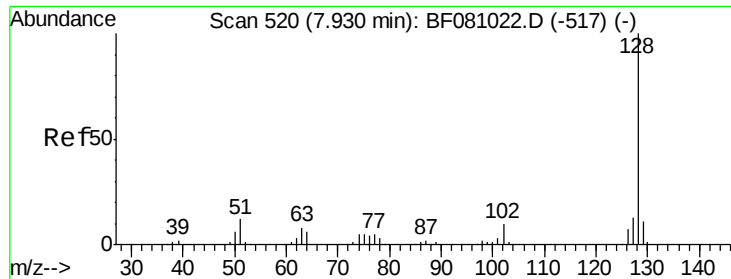
Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.8	28.6	42.8
54	64.1	55.1	82.7



#25
 Isophorone
 Concen: 32.88 ng
 RT: 7.20 min Scan# 456
 Delta R.T. -0.25 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.2	9.2#
138	0.0	10.5	15.7#

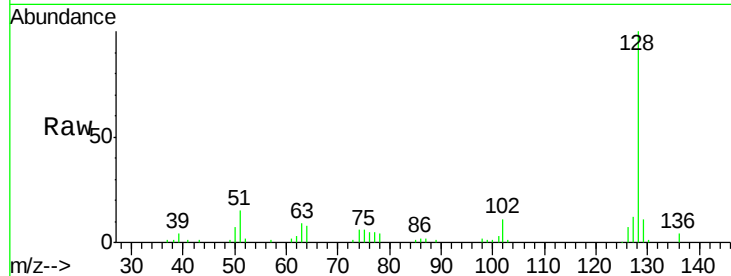




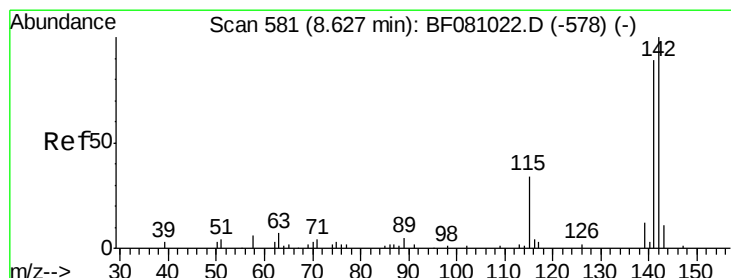
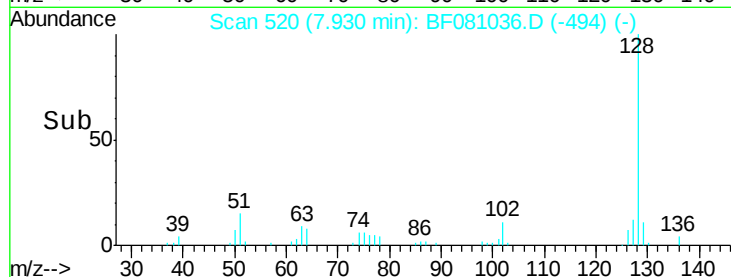
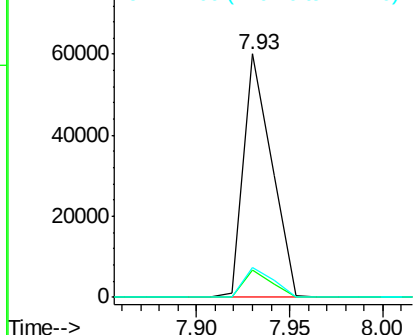
#31
Naphthalene
Concen: 4.93 ng
RT: 7.93 min Scan# 520
Delta R.T. 0.00 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tgt Ion:128 Resp: 62868
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 12.3 10.6 16.0

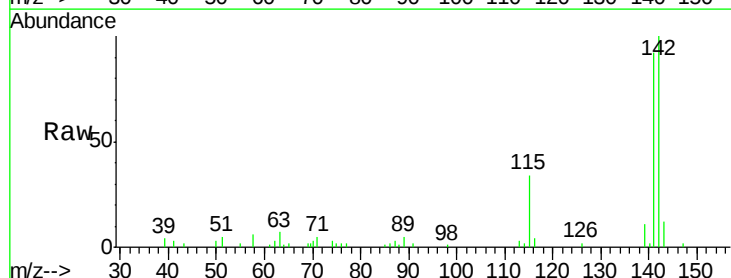


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

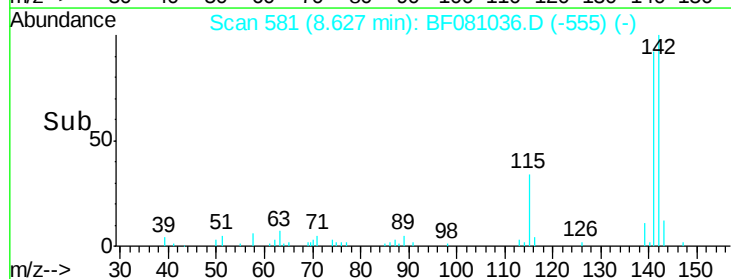
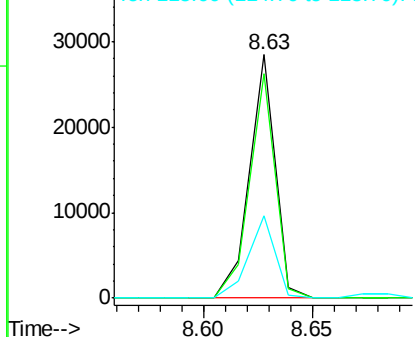


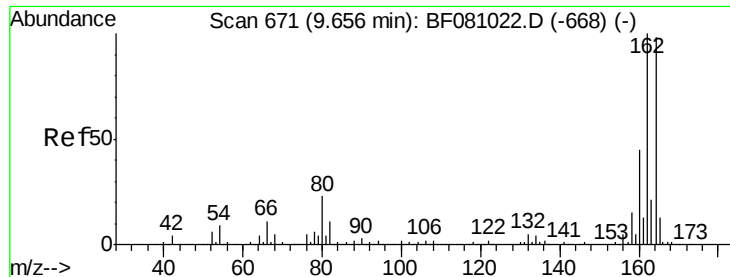
#37
2-Methylnaphthalene
Concen: 2.90 ng
RT: 8.63 min Scan# 581
Delta R.T. -0.00 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

Tgt Ion:142 Resp: 23374
Ion Ratio Lower Upper
142 100
141 92.4 71.4 107.2
115 34.0 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

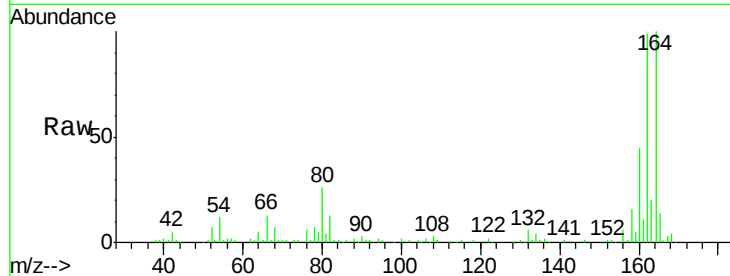




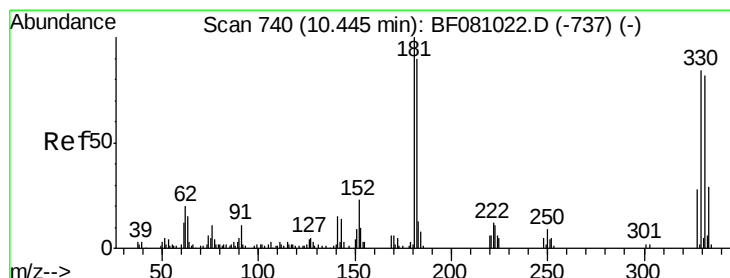
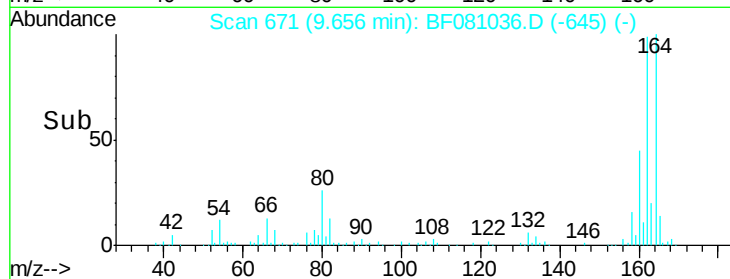
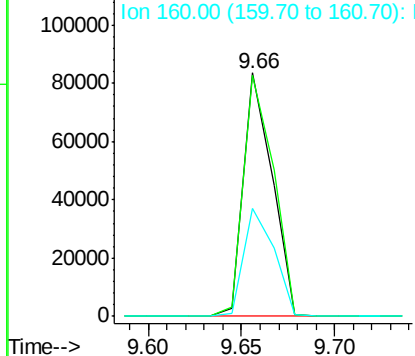
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 671
 Delta R.T. 0.00 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Instrument :
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Tgt Ion:164 Resp: 90528
 Ion Ratio Lower Upper
 164 100
 162 98.8 83.8 125.8
 160 44.6 39.8 59.8

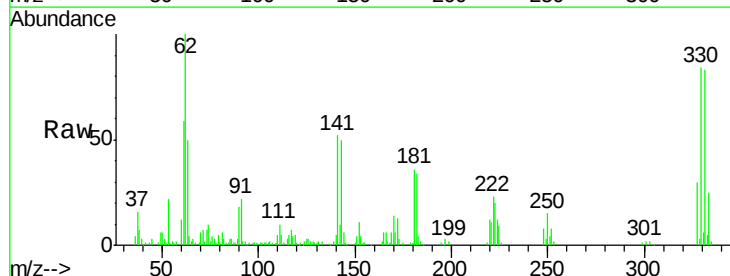


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

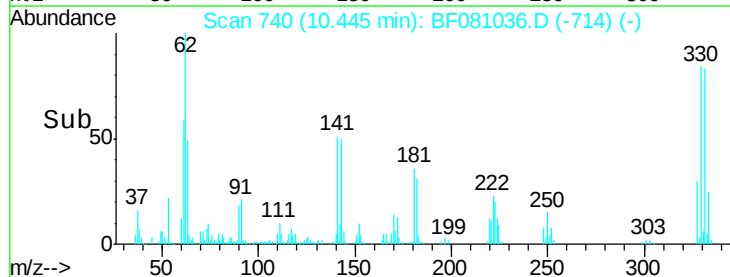
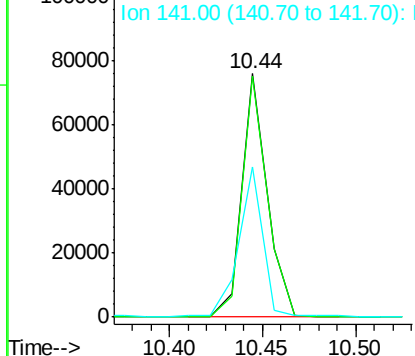


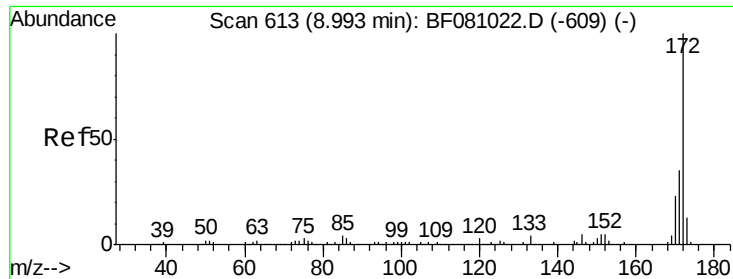
#41
 2,4,6-Tribromophenol
 Concen: 91.88 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion:330 Resp: 72104
 Ion Ratio Lower Upper
 330 100
 332 98.4 77.3 115.9
 141 60.2 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

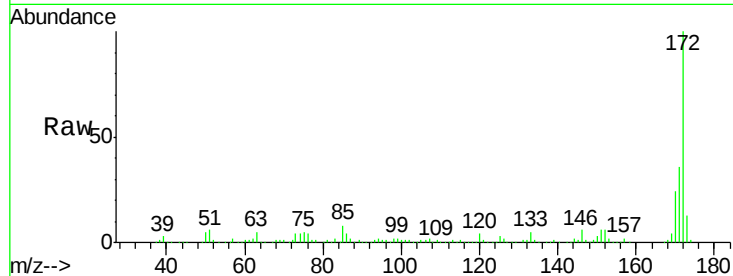




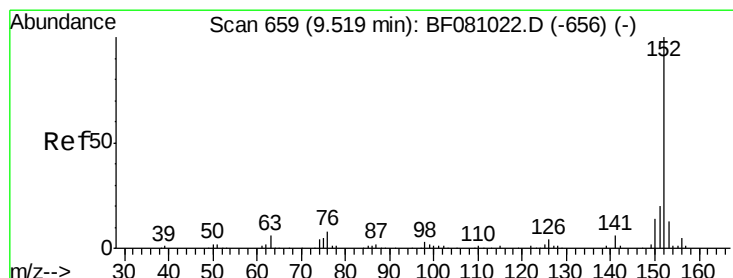
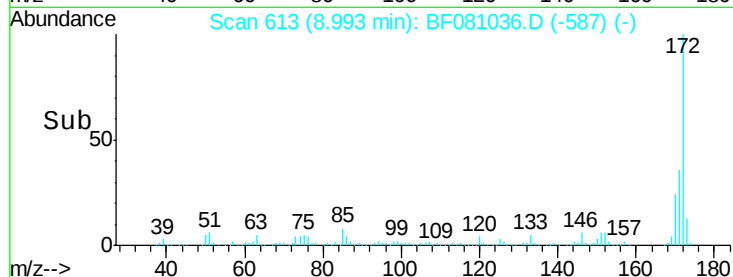
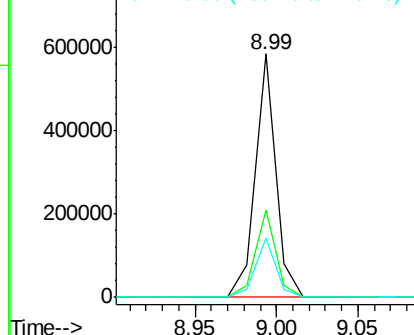
#44
 2-Fluorobiphenyl
 Concen: 74.41 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion:	172	Resp:	514102
Ion Ratio	Lower	Upper	
172	100		
171	35.8	28.9	43.3
170	24.1	19.4	29.2

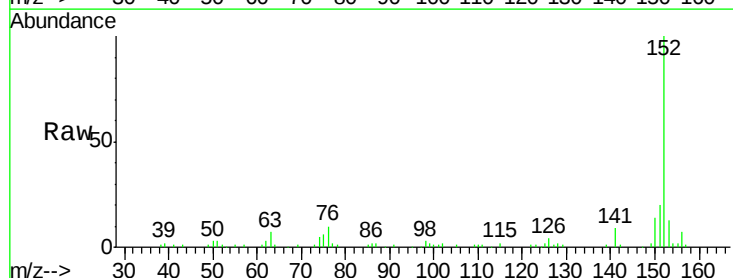


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

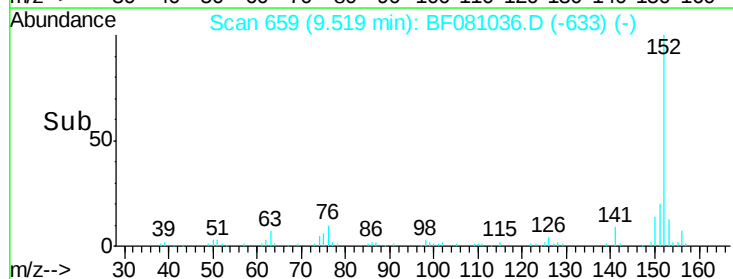
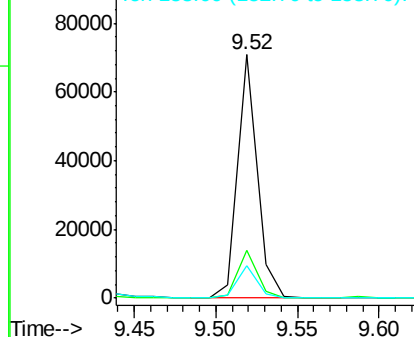


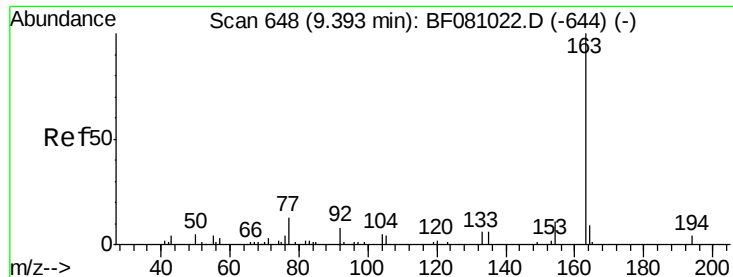
#48
 Acenaphthylene
 Concen: 5.11 ng
 RT: 9.52 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion:	152	Resp:	58502
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.1	24.1
153	13.1	9.8	14.6



Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E

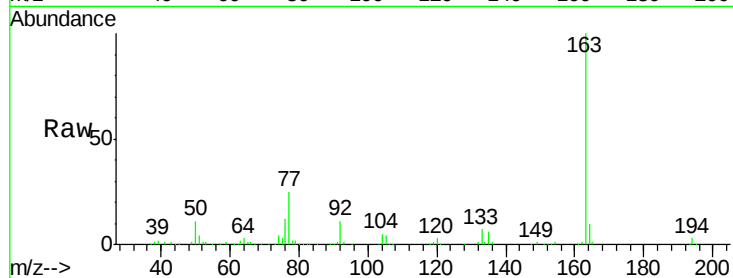




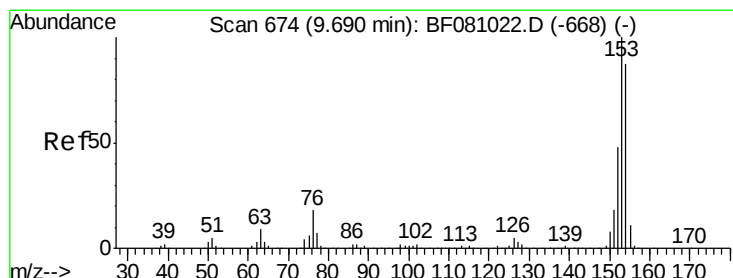
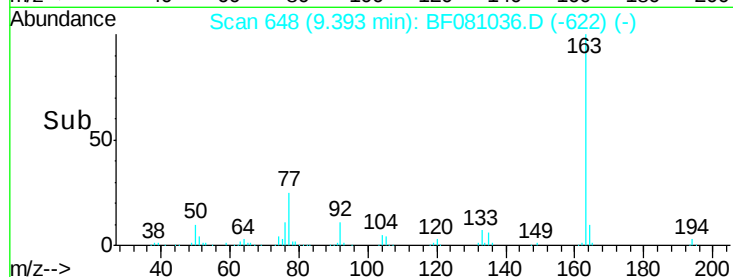
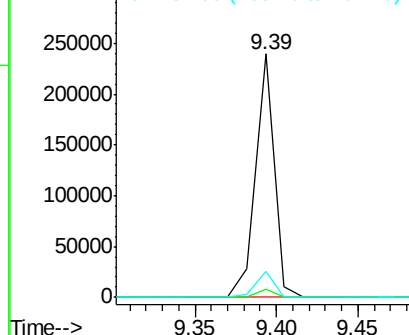
#49
Dimethylphthalate
Concen: 25.60 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

Instrument :
BNA_F
ClientSampleId :
TEC-COMP

Tgt Ion:163 Resp: 190872
Ion Ratio Lower Upper
163 100
194 3.2 2.5 3.7
164 10.5 8.1 12.1

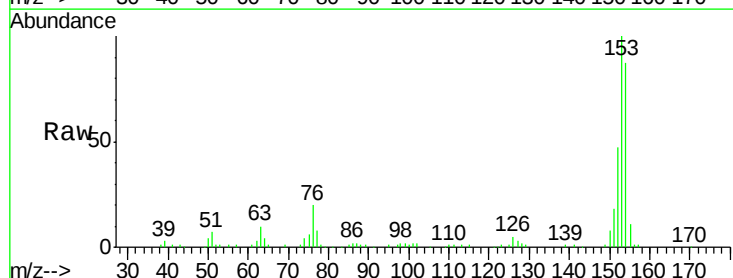


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

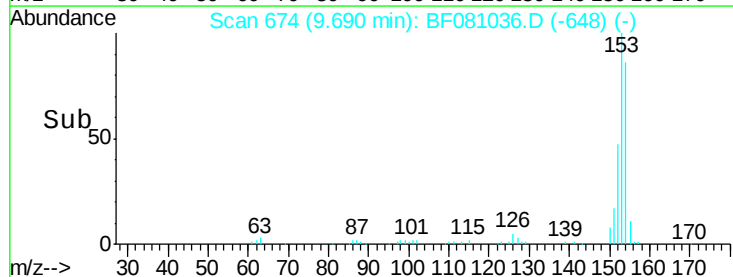
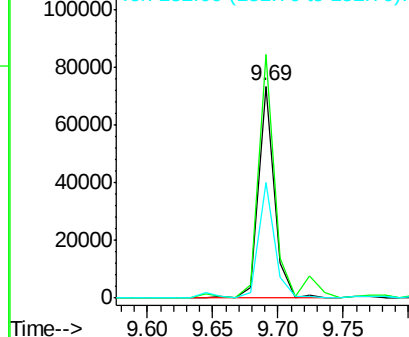


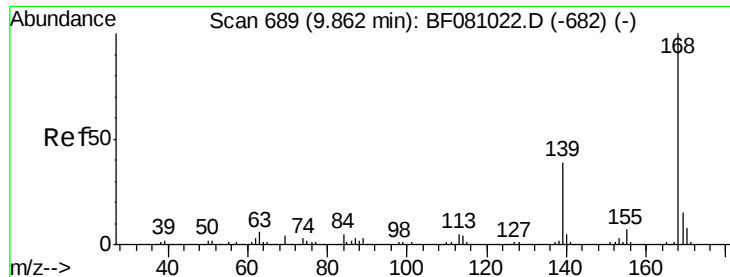
#51
Acenaphthene
Concen: 9.15 ng
RT: 9.69 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

Tgt Ion:154 Resp: 62758
Ion Ratio Lower Upper
154 100
153 114.8 91.4 137.2
152 54.4 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

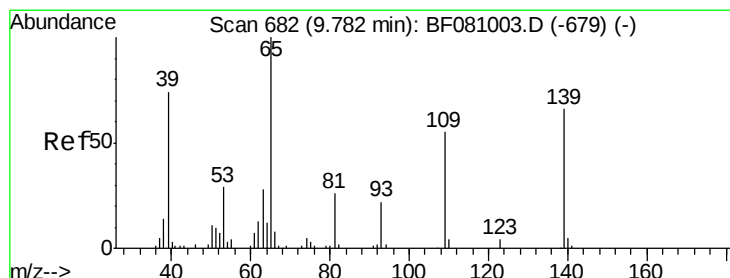
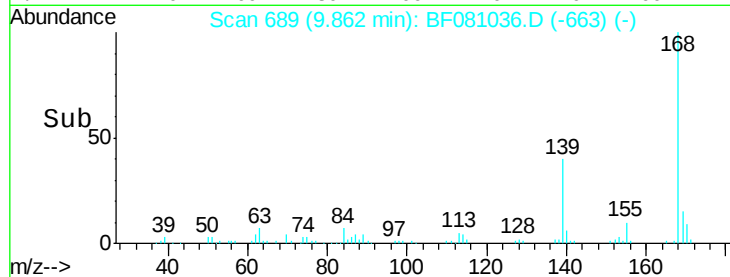
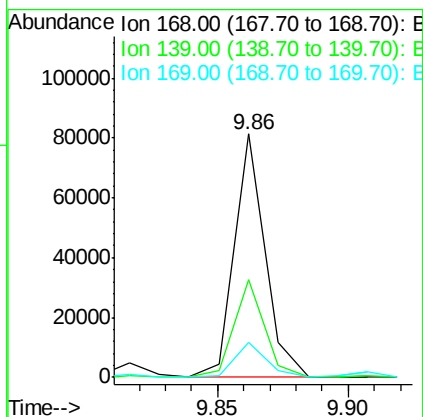
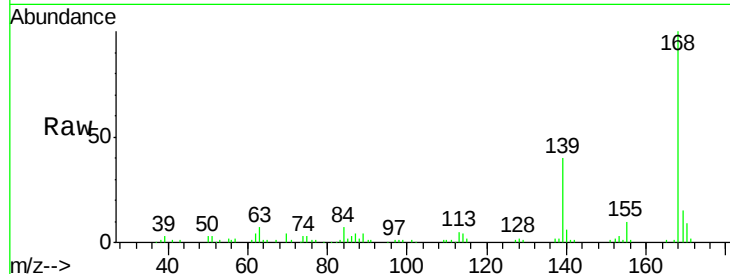




#54
Dibenzenofuran
Concen: 7.28 ng
RT: 9.86 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

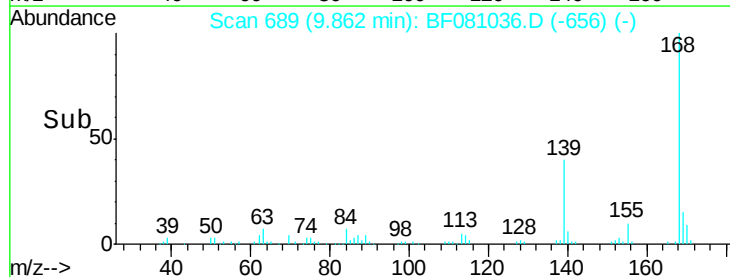
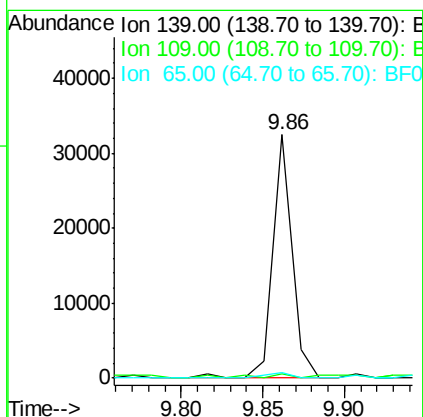
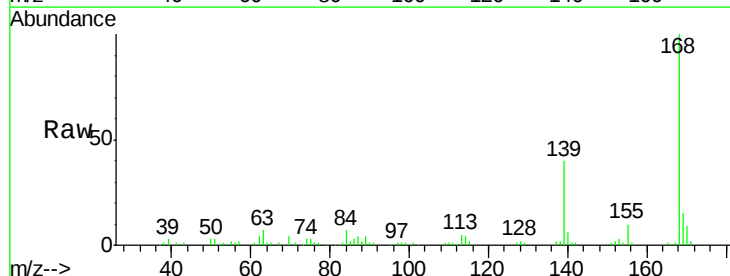
Instrument :
BNA_F
ClientSampleId :
TEC-COMP

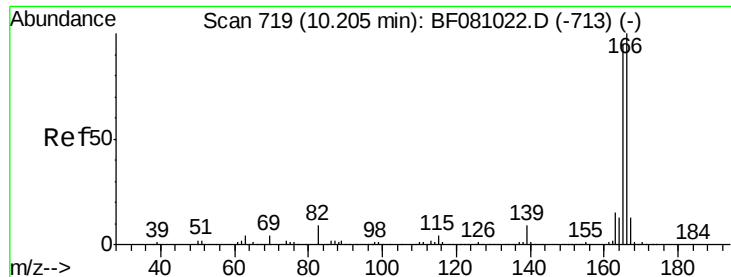
Tgt Ion:168 Resp: 66915
Ion Ratio Lower Upper
168 100
139 39.9 29.3 43.9
169 14.6 10.3 15.5



#55
4-Nitrophenol
Concen: 19.13 ng
RT: 9.86 min Scan# 689
Delta R.T. 0.08 min
Lab File: BF081036.D
Acq: 18 Aug 2015 8:28

Tgt Ion:139 Resp: 26911
Ion Ratio Lower Upper
139 100
109 1.5 80.0 120.0#
65 2.5 138.3 178.3#





#57

Fluorene

Concen: 11.50 ng

RT: 10.20 min Scan# 719

Delta R.T. -0.00 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

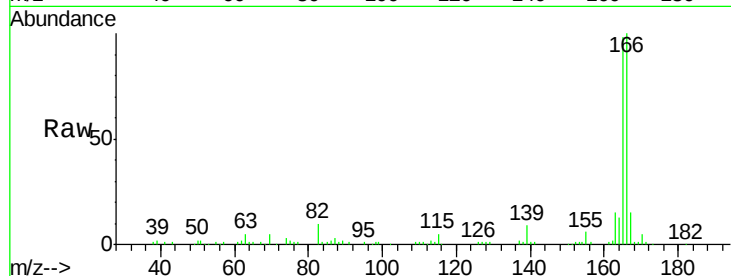
Tgt Ion:166 Resp: 81333

Ion Ratio Lower Upper

166 100

165 97.5 75.8 113.8

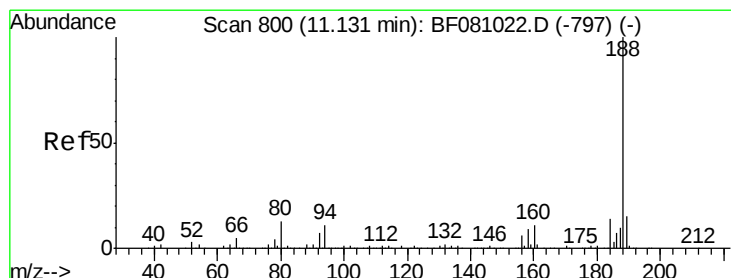
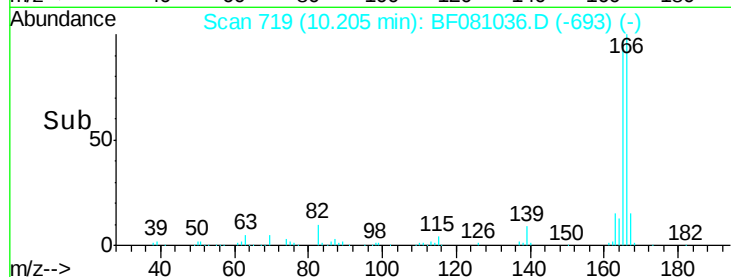
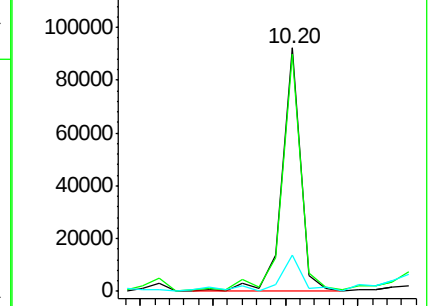
167 15.1 11.3 16.9



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

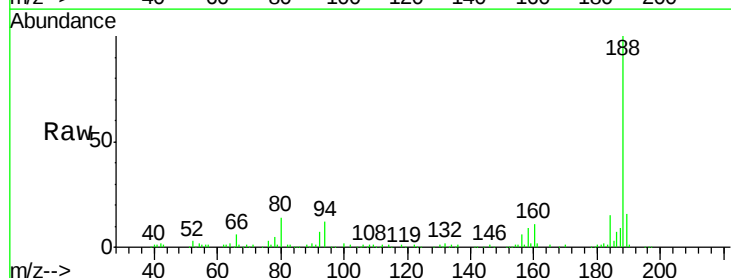
Tgt Ion:188 Resp: 151696

Ion Ratio Lower Upper

188 100

94 12.4 8.2 12.2#

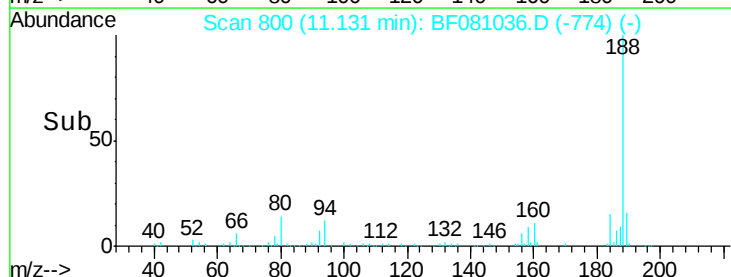
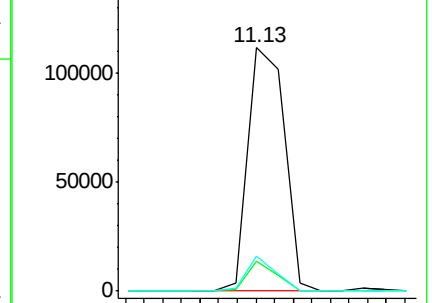
80 14.4 9.5 14.3#

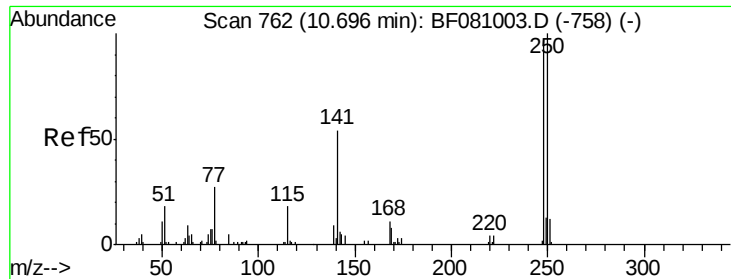


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

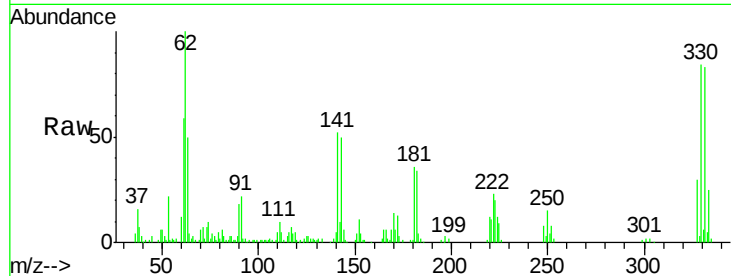




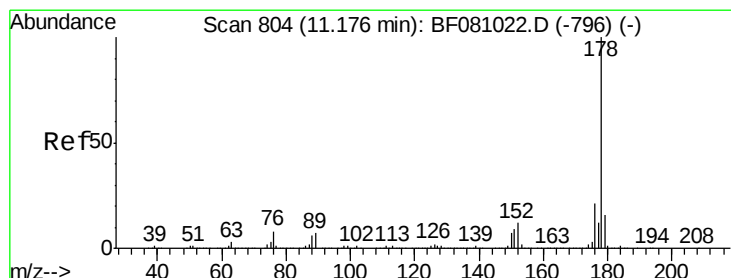
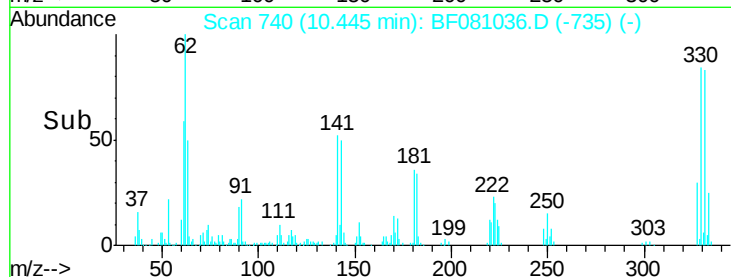
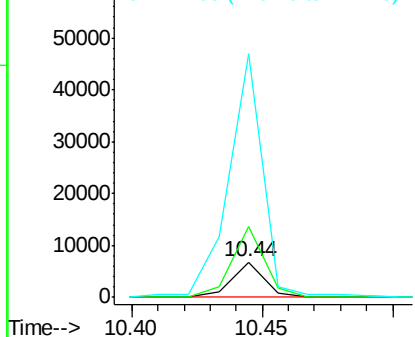
#66
 4-Bromophenyl-phenylether
 Concen: 4.04 ng
 RT: 10.44 min Scan# 740
 Delta R.T. -0.24 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion: 248 Resp: 6027
 Ion Ratio Lower Upper
 248 100
 250 197.5 77.8 116.6#
 141 684.3 39.8 59.6#

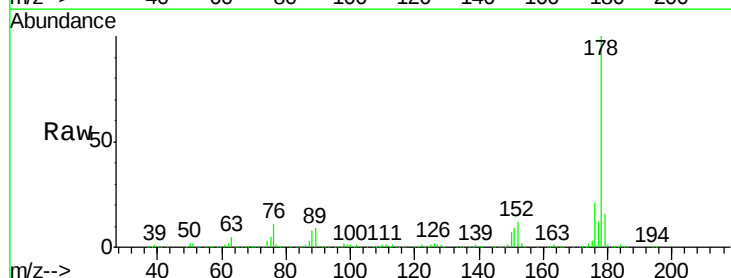


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

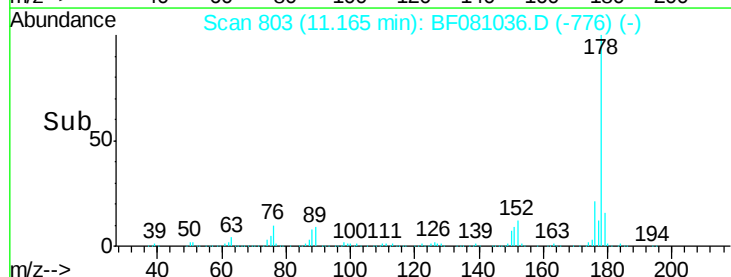
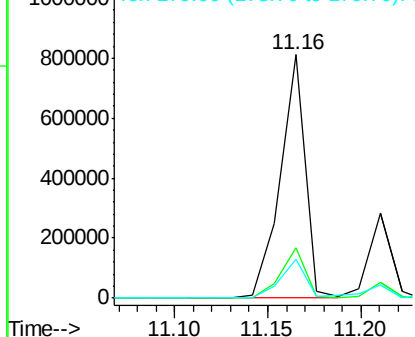


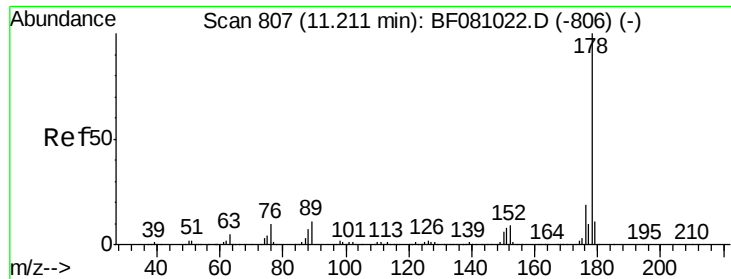
#70
 Phenanthrene
 Concen: 83.64 ng
 RT: 11.16 min Scan# 803
 Delta R.T. 0.01 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion: 178 Resp: 751935
 Ion Ratio Lower Upper
 178 100
 176 20.6 15.7 23.5
 179 15.7 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

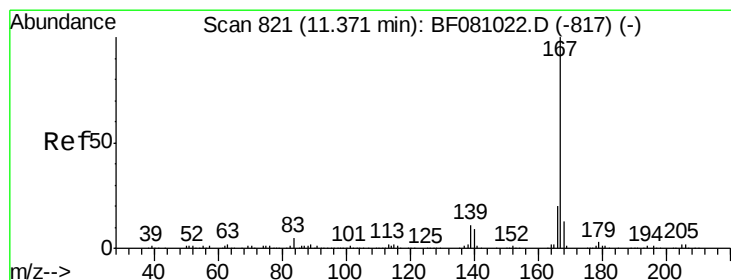
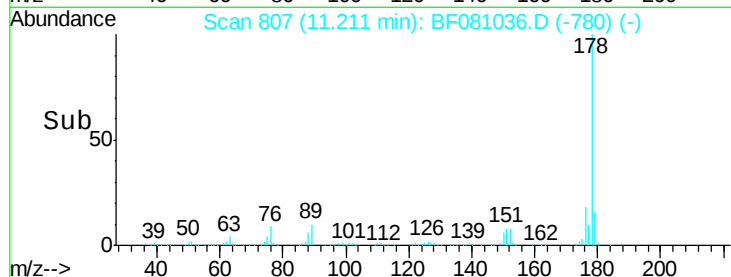
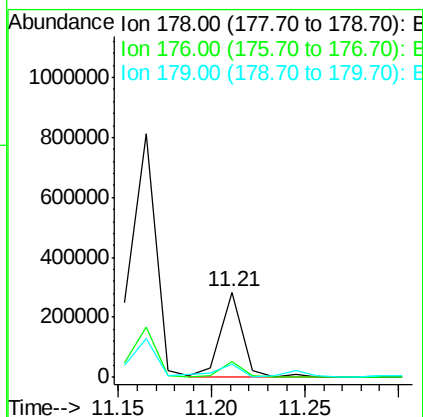
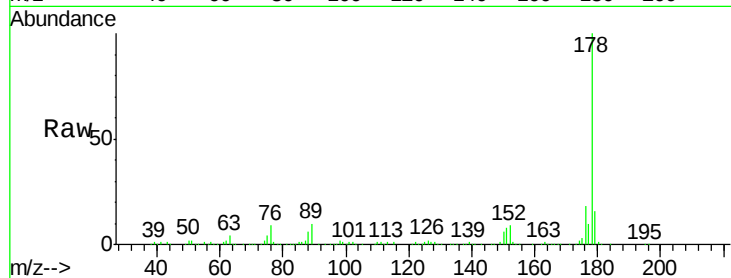




#71
 Anthracene
 Concen: 27.09 ng
 RT: 11.21 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

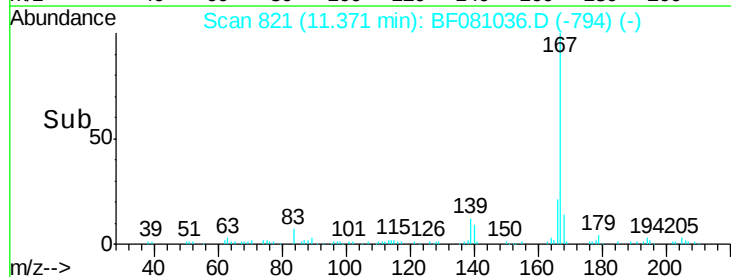
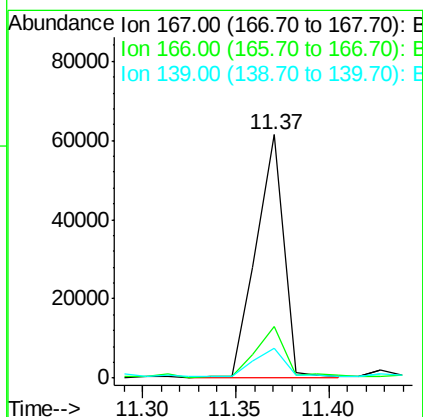
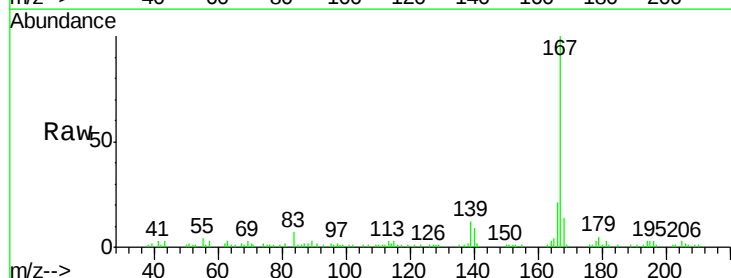
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

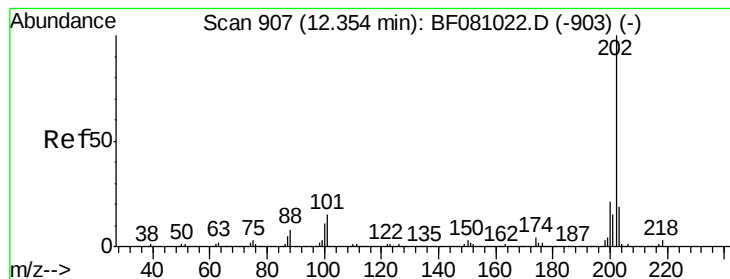
Tgt Ion:178 Resp: 237033
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.7 23.5
 179 15.8 12.7 19.1



#72
 Carbazole
 Concen: 7.56 ng
 RT: 11.37 min Scan# 821
 Delta R.T. 0.01 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion:167 Resp: 63712
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.3 10.6 16.0





#74

Fluoranthene

Concen: 105.15 ng

RT: 12.35 min Scan# 907

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

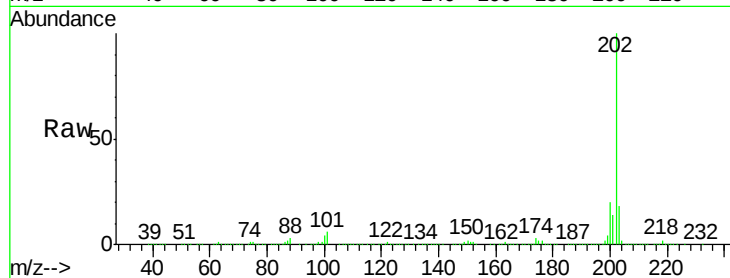
Tgt Ion:202 Resp: 1020094

Ion Ratio Lower Upper

202 100

101 6.0 0.0 24.8

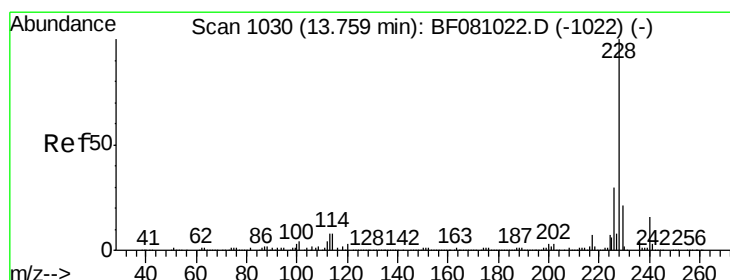
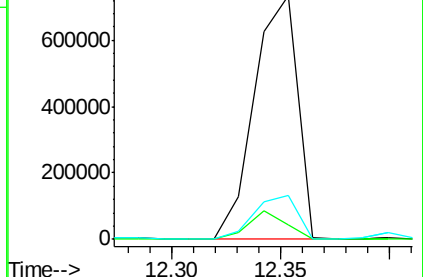
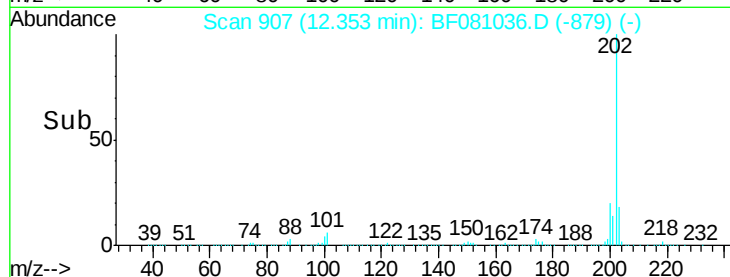
203 18.1 0.0 36.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

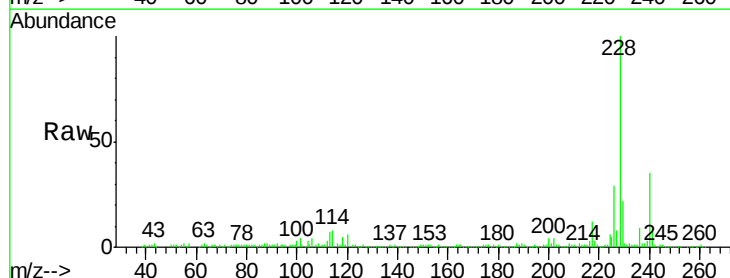
Tgt Ion:240 Resp: 120400

Ion Ratio Lower Upper

240 100

120 16.4 5.6 8.4#

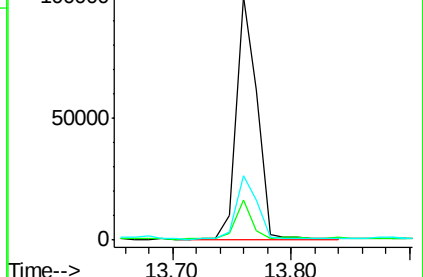
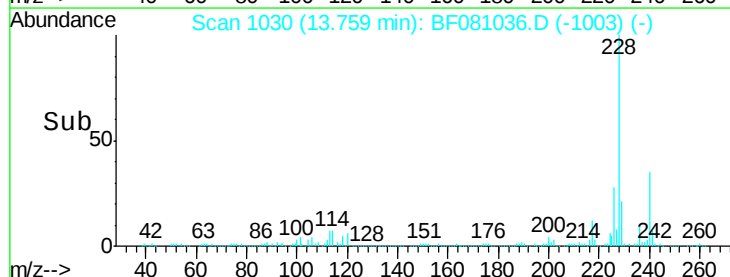
236 26.5 20.6 30.8

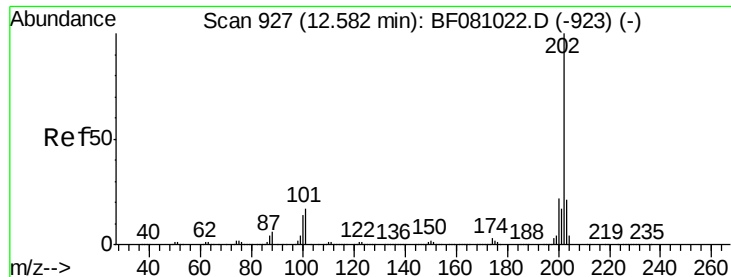


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 85.11 ng

RT: 12.57 min Scan# 926

Delta R.T. 0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

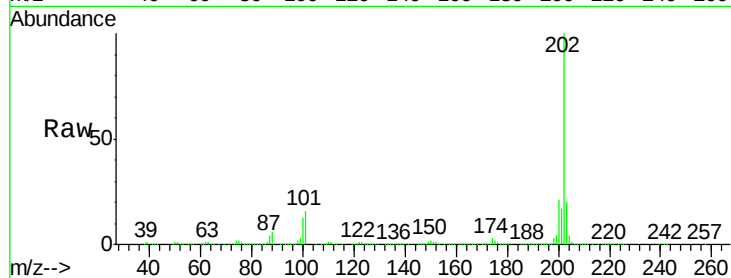
Tgt Ion:202 Resp: 833046

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

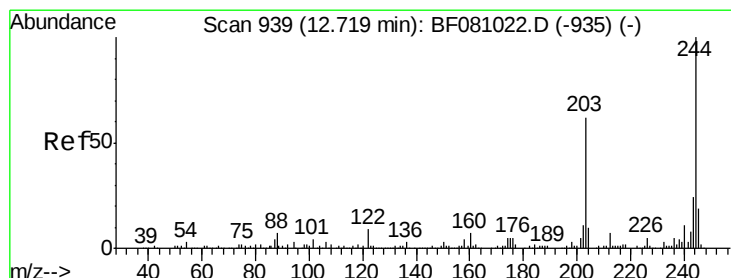
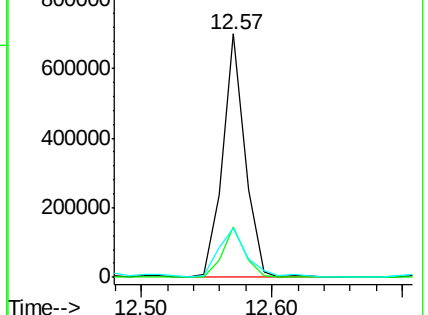
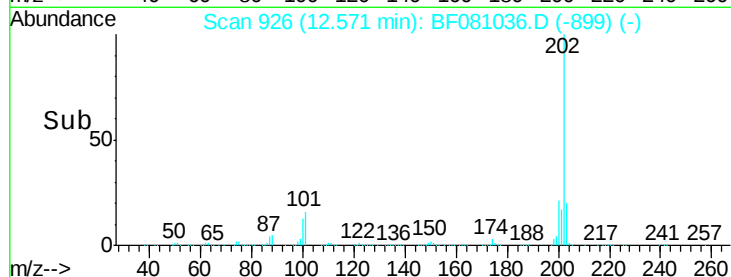
203 20.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 55.41 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

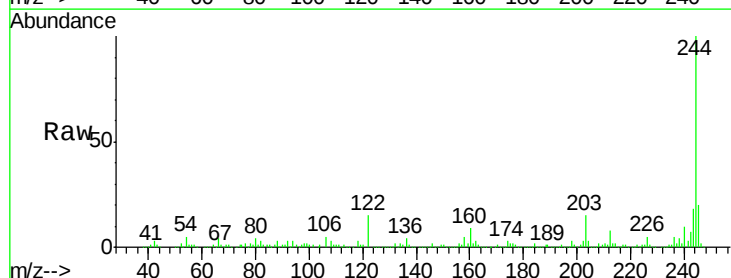
Tgt Ion:244 Resp: 311191

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

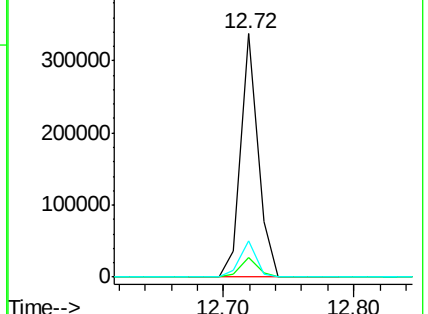
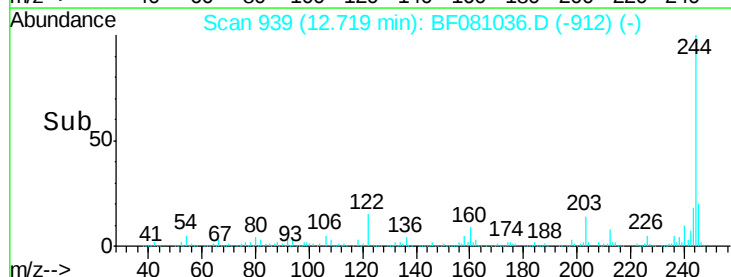
122 14.8 8.2 12.4#

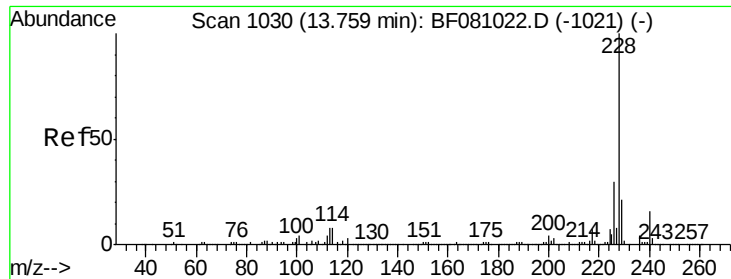


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 58.86 ng

RT: 13.76 min Scan# 1030

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

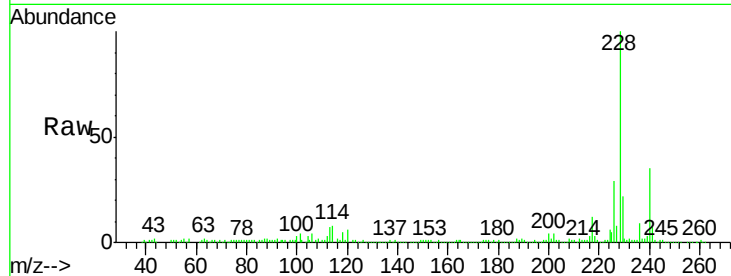
Tgt Ion:228 Resp: 475283

Ion Ratio Lower Upper

228 100

226 28.8 22.3 33.5

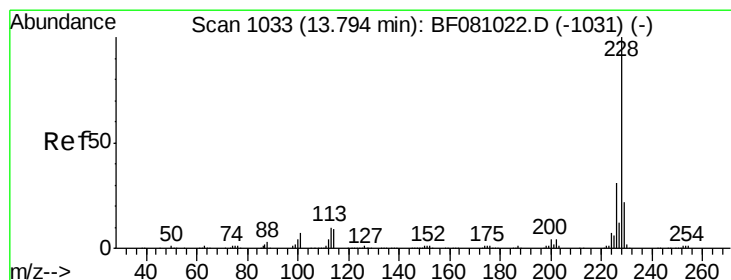
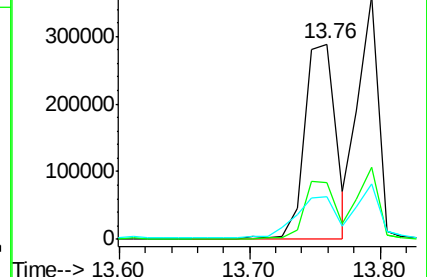
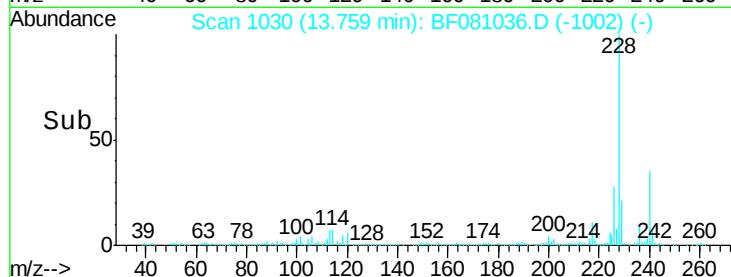
229 21.6 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 53.08 ng

RT: 13.79 min Scan# 1033

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

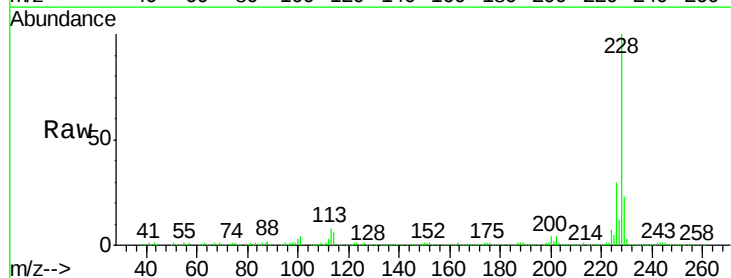
Tgt Ion:228 Resp: 386269

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

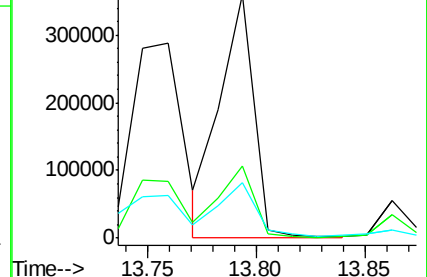
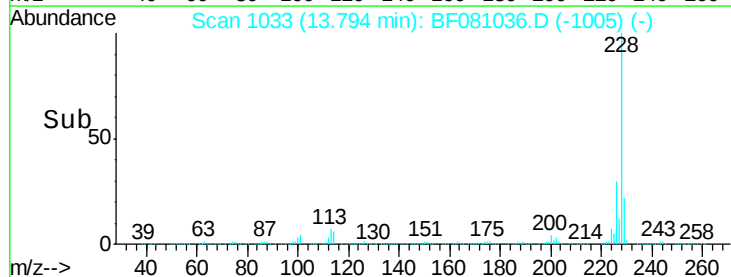
229 22.6 16.0 24.0

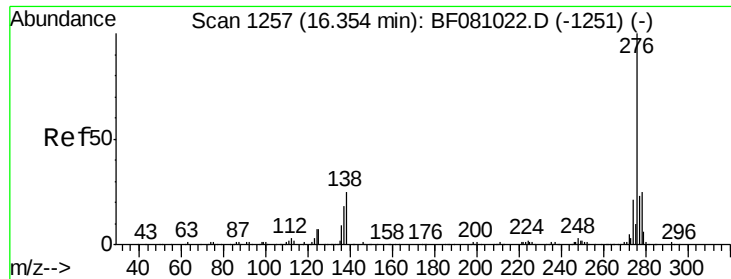


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

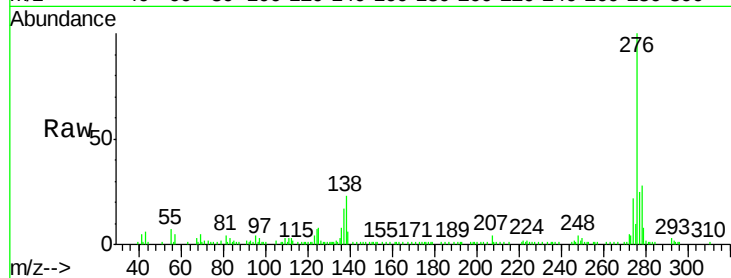




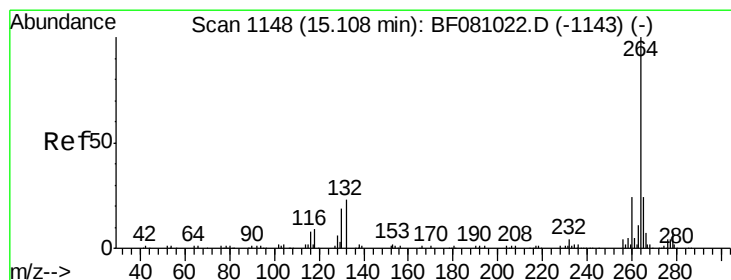
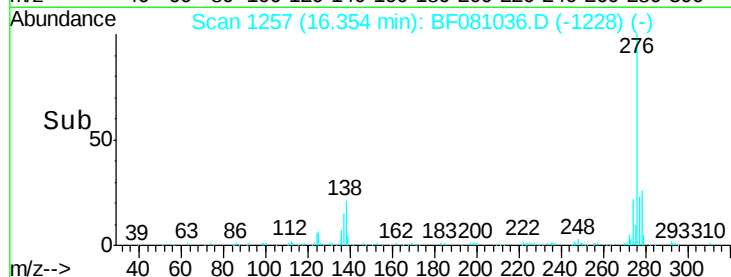
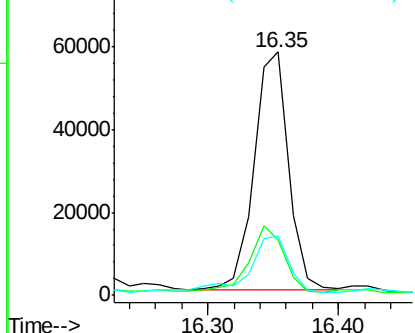
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 20.89 ng
 RT: 16.35 min Scan# 1257
 Delta R.T. 0.03 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	18.6	28.0
277	28.1	19.8	29.8

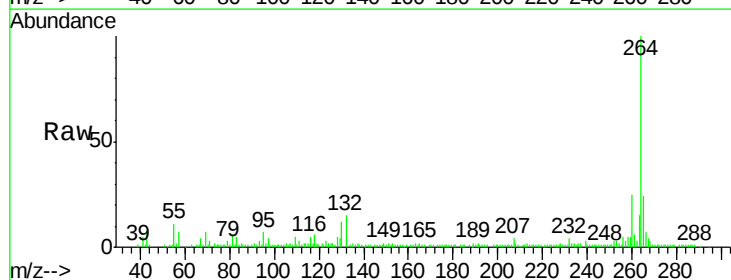


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

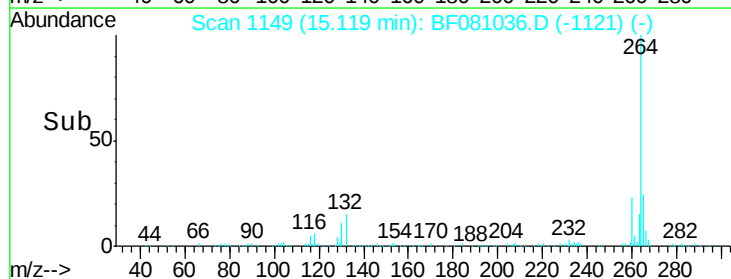
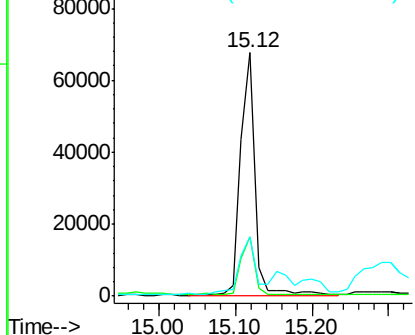


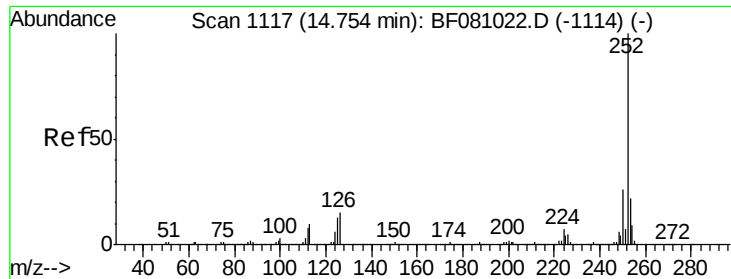
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.12 min Scan# 1149
 Delta R.T. 0.02 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	24.4	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





#87

Benzo(b)fluoranthene

Concen: 72.68 ng

RT: 14.75 min Scan# 1117

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

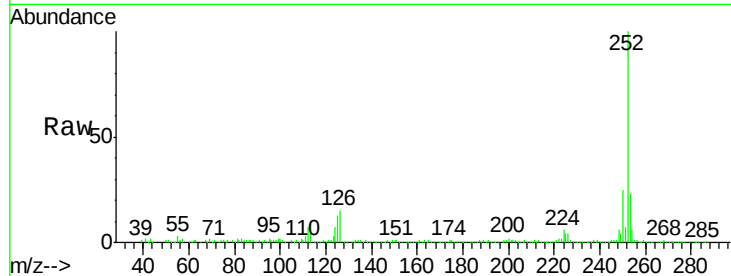
Tgt Ion:252 Resp: 471746

Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

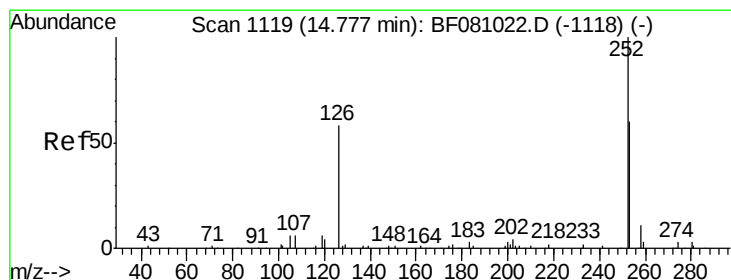
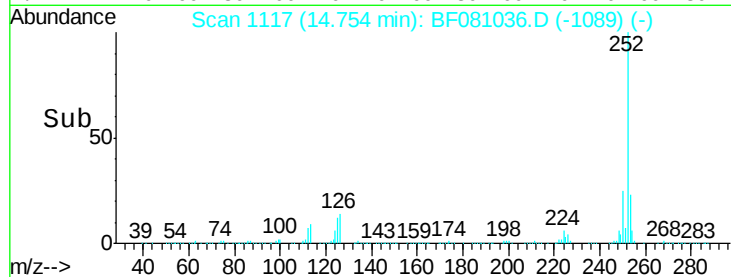
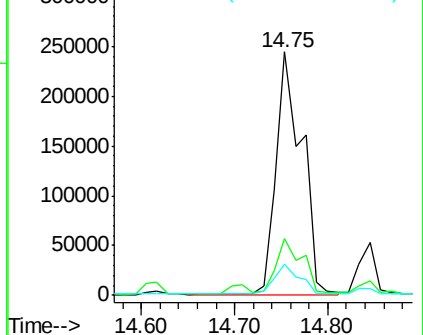
125 12.9 8.0 12.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 78.01 ng

RT: 14.75 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

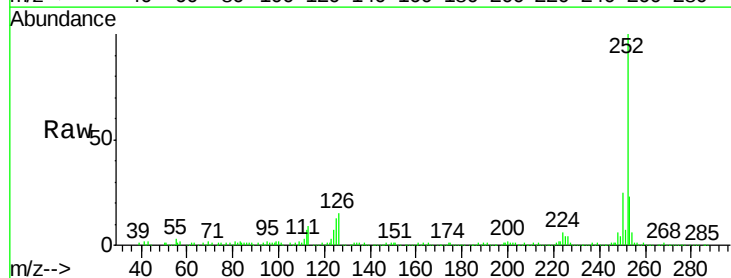
Tgt Ion:252 Resp: 471746

Ion Ratio Lower Upper

252 100

253 23.3 17.6 26.4

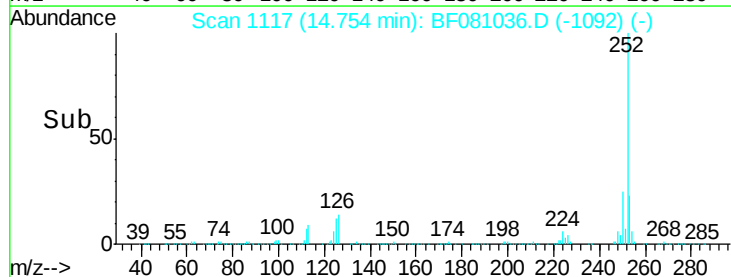
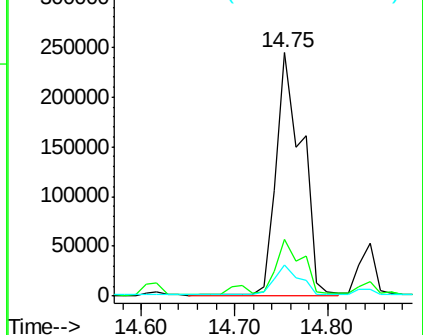
125 12.9 10.3 15.5

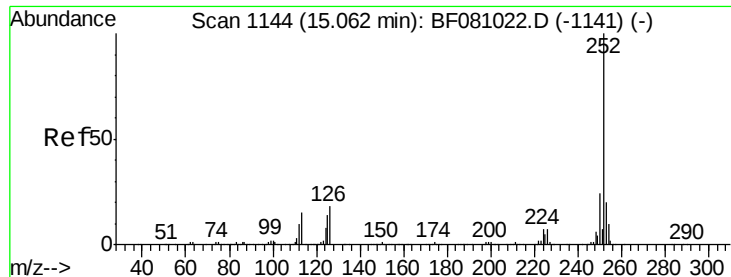


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 42.68 ng

RT: 15.06 min Scan# 1144

Delta R.T. 0.02 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

Instrument :

BNA_F

ClientSampleId :

TEC-COMP

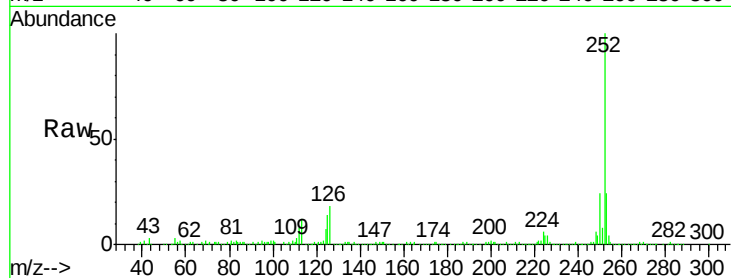
Tgt Ion:252 Resp: 241375

Ion Ratio Lower Upper

252 100

253 23.9 16.6 25.0

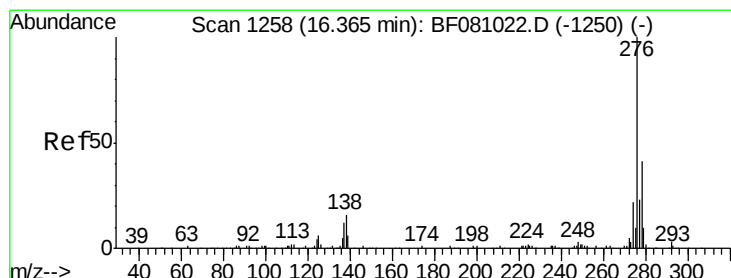
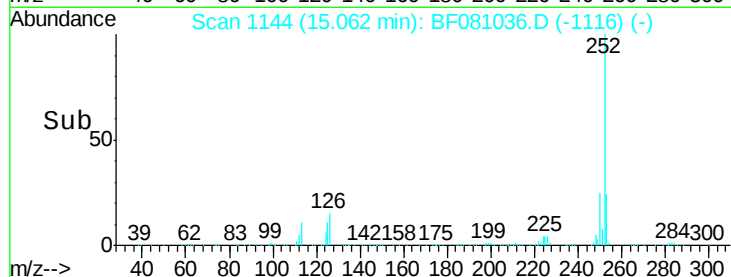
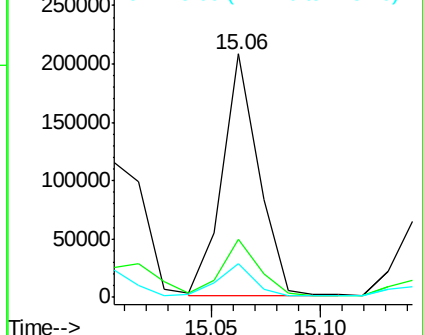
125 13.7 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 8.87 ng

RT: 16.35 min Scan# 1257

Delta R.T. 0.01 min

Lab File: BF081036.D

Acq: 18 Aug 2015 8:28

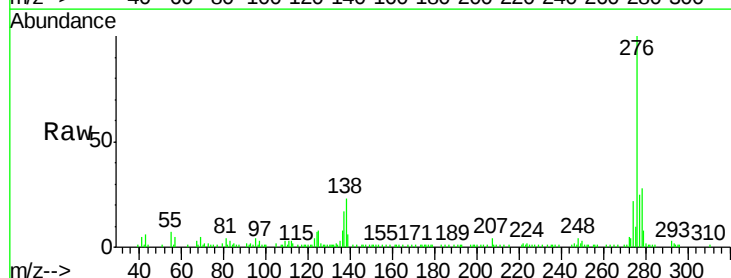
Tgt Ion:278 Resp: 39077

Ion Ratio Lower Upper

278 100

139 22.2 10.8 16.2#

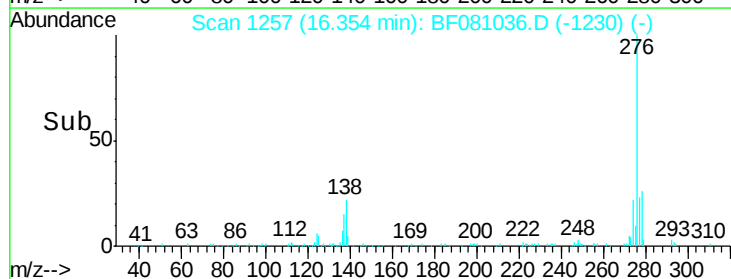
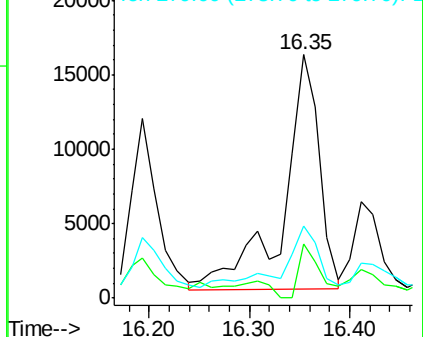
279 29.5 19.0 28.6#

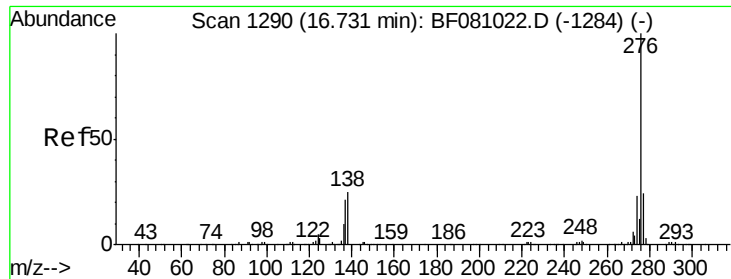


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 23.45 ng
 RT: 16.72 min Scan# 1289
 Delta R.T. 0.03 min
 Lab File: BF081036.D
 Acq: 18 Aug 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.2	27.2
138	25.9	13.7	20.5

