

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086913.D
 Acq On : 12 May 2016 3:23
 Operator : UM/SJ
 Sample : H2965-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

Quant Time: May 12 05:55:24 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	139195	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	487284	20.00	ng	0.01
38) Acenaphthene-d10	9.67	164	201500	20.00	ng	-0.01
63) Phenanthrene-d10	11.15	188	327302	20.00	ng	0.00
75) Chrysene-d12	13.78	240	246046	20.00	ng	0.00
86) Perylene-d12	15.15	264	234459	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	1117929	136.01	ng	0.01
7) Phenol-d6	6.31	99	1516332	138.04	ng	0.00
23) Nitrobenzene-d5	7.21	82	978252	100.80	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	254528	119.32	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	1128033	94.09	ng	0.00
78) Terphenyl-d14	12.74	244	788625	68.01	ng	0.01

Target Compounds

						Qvalue
15) Benzyl Alcohol	6.79	79	19274	2.54	ng	# 42
19) n-Nitroso-di-n-propylamine	7.21	70	146398	19.07	ng	# 74
31) Naphthalene	7.96	128	6702572	274.62	ng	# 94
33) 4-Chloroaniline	7.96	127	1037034	109.35	ng	# 37
35) Caprolactam	8.35	113	4958	2.21	ng	# 1
37) 2-Methylnaphthalene	8.64	142	983533	68.93	ng	96
45) 1,1'-Biphenyl	9.10	154	108799	6.79	ng	96
47) 2-Nitroaniline	9.26	65	10637	2.32	ng	# 19
48) Acenaphthylene	9.53	152	305995	16.57	ng	# 93
49) Dimethylphthalate	9.40	163	108750	7.07	ng	100
50) 2,6-Dinitrotoluene	9.37	165	8158	2.52	ng	# 82
51) Acenaphthene	9.71	154	1635203	142.32	ng	98
53) 2,4-Dinitrophenol	9.83	184	219	7.81	ng	# 1
54) Dibenzofuran	9.88	168	1052189	71.34	ng	96
55) 4-Nitrophenol	9.78	139	16680	11.49	ng	# 46
56) 2,4-Dinitrotoluene	9.87	165	17854	4.46	ng	# 1
57) Fluorene	10.23	166	1238711	98.48	ng	99
60) 4-Chlorophenyl-phenylether	10.03	204	1342	Below	Cal	# 1
61) 4-Nitroaniline	10.22	138	15464	4.73	ng	# 36
65) n-Nitrosodiphenylamine	10.33	169	66776	6.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.47	248	14665	4.42	ng	# 1
70) Phenanthrene	11.19	178	4889721	279.95	ng	96
71) Anthracene	11.23	178	1353019	75.74	ng	99
72) Carbazole	11.39	167	438239	28.54	ng	99
74) Fluoranthene	12.38	202	3424169	190.60	ng	96
77) Pyrene	12.61	202	3517341	186.73	ng	97
80) Benzo(a)anthracene	13.78	228	1713523	124.06	ng	95
82) Chrysene	13.78	228	1713523	121.96	ng	96
85) Indeno(1,2,3-cd)pyrene	16.41	276	543559	46.50	ng	# 89
87) Benzo(b)fluoranthene	14.79	252	1685693	110.63	ng	97
88) Benzo(k)fluoranthene	14.79	252	1685693	135.11	ng	99
89) Benzo(a)pyrene	15.10	252	1071640	81.54	ng	# 96
90) Dibenzo(a,h)anthracene	16.55	278	119409	10.78	ng	94
91) Benzo(g,h,i)perylene	16.79	276	497298	44.18	ng	# 93

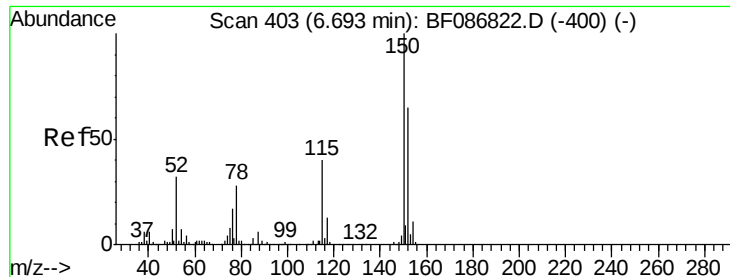
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086913.D
Acq On : 12 May 2016 3:23
Operator : UM/SJ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

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E-17(10-10.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

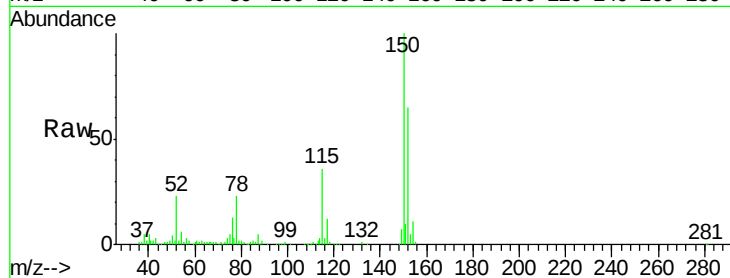
Tgt Ion:152 Resp: 139195

Ion Ratio Lower Upper

152 100

150 154.5 125.8 188.6

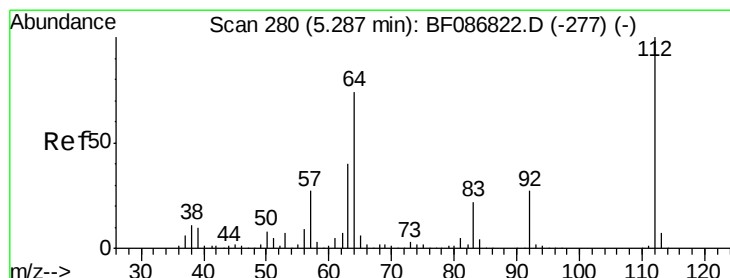
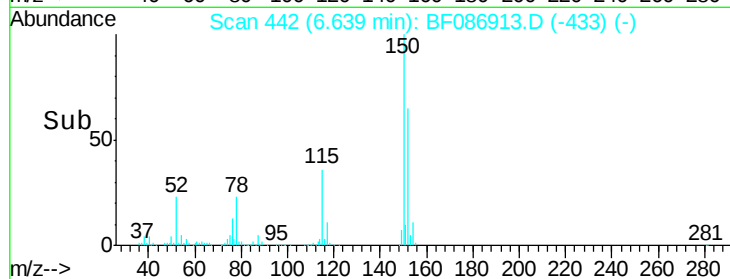
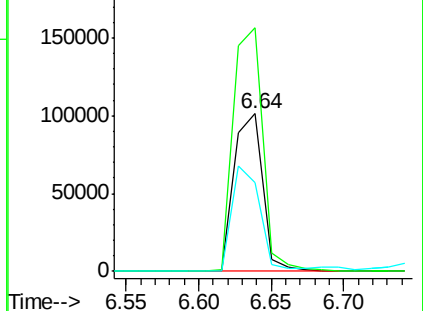
115 56.3 51.5 77.3



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: 136.01 ng

RT: 5.23 min Scan# 319

Delta R.T. 0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

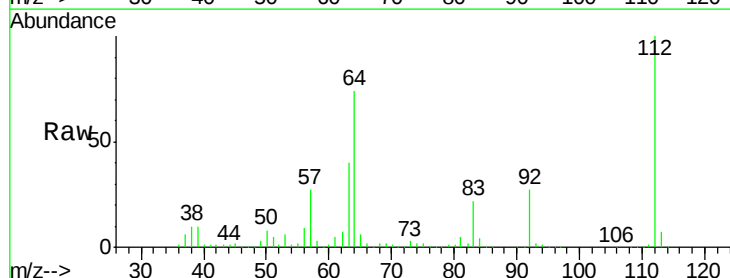
Tgt Ion:112 Resp: 1117929

Ion Ratio Lower Upper

112 100

64 73.9 52.1 78.1

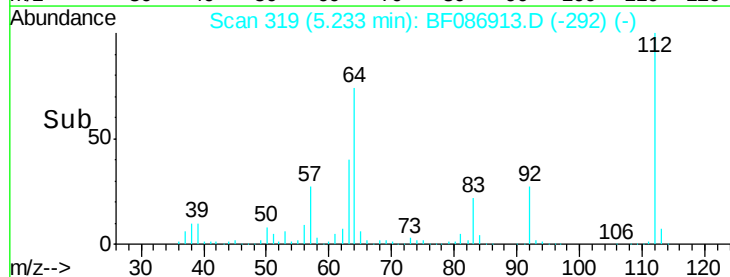
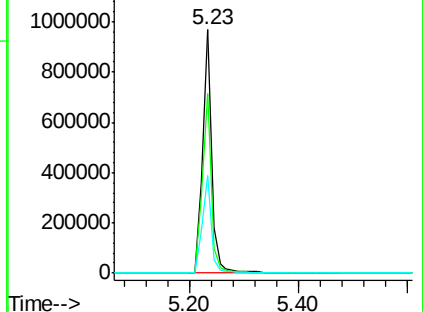
63 40.0 25.7 38.5

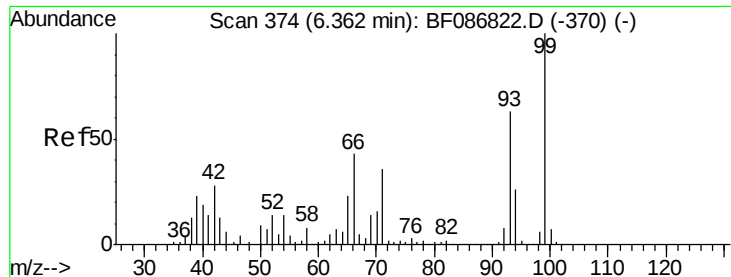


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.04 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

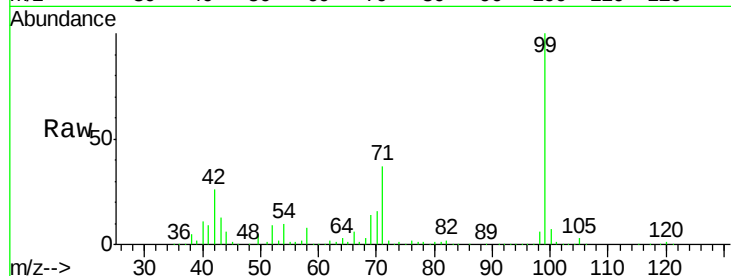
Tgt Ion: 99 Resp: 1516332

Ion Ratio Lower Upper

99 100

42 26.2 13.6 20.4#

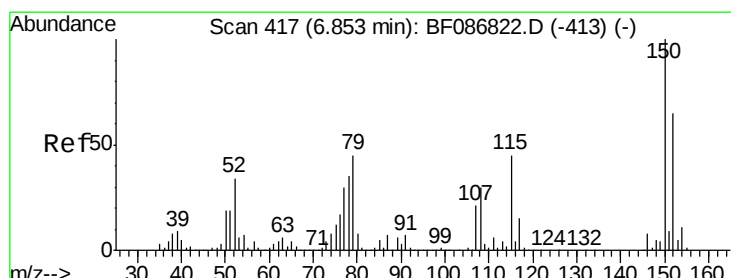
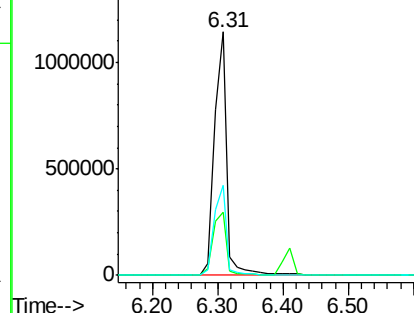
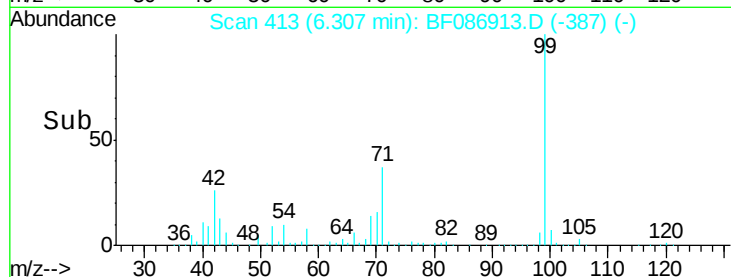
71 36.8 24.6 36.8



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



#15

Benzyl Alcohol

Concen: 2.54 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

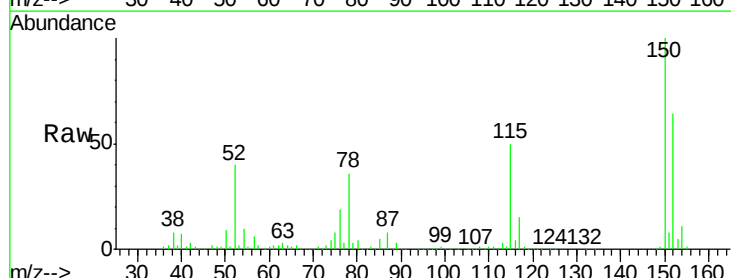
Tgt Ion: 79 Resp: 19274

Ion Ratio Lower Upper

79 100

108 29.1 68.4 102.6#

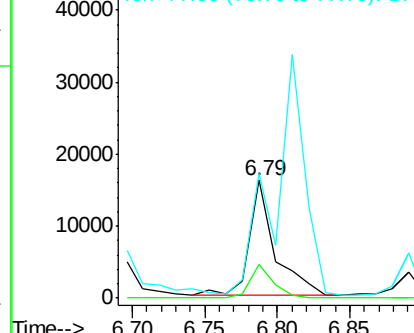
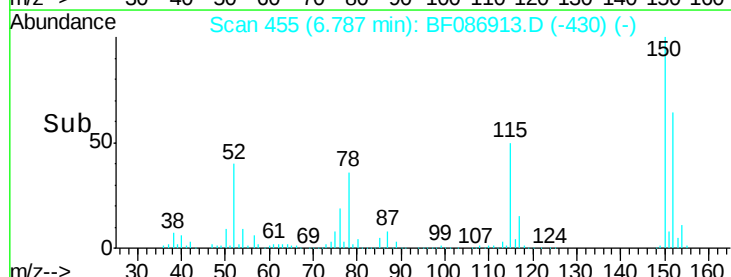
77 105.3 50.6 76.0#

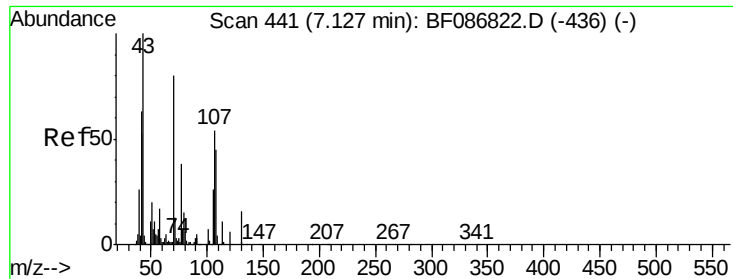


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

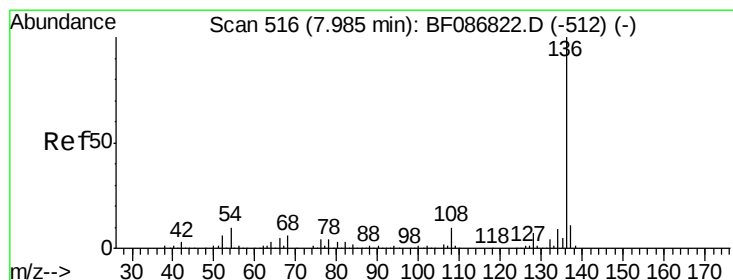
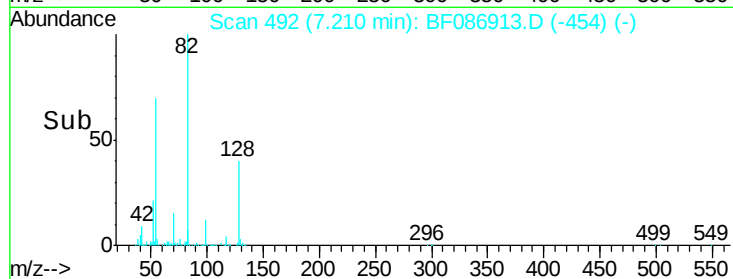
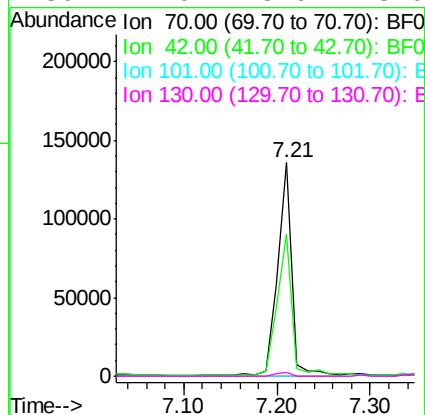
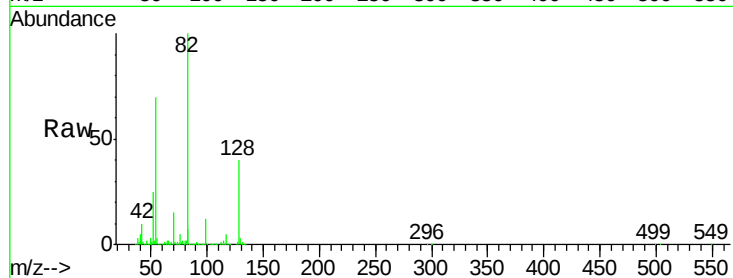




#19
n-Nitroso-di-n-propylamine
Concen: 19.07 ng
RT: 7.21 min Scan# 492
Delta R.T. 0.14 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

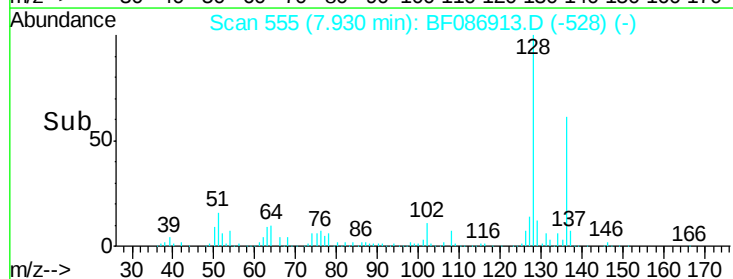
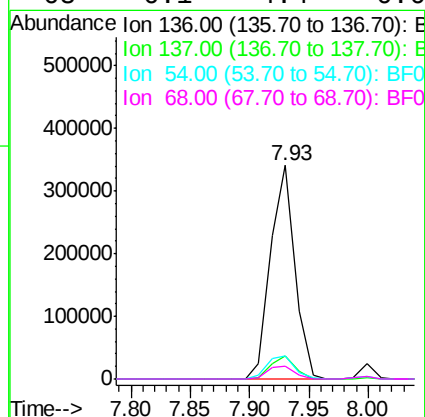
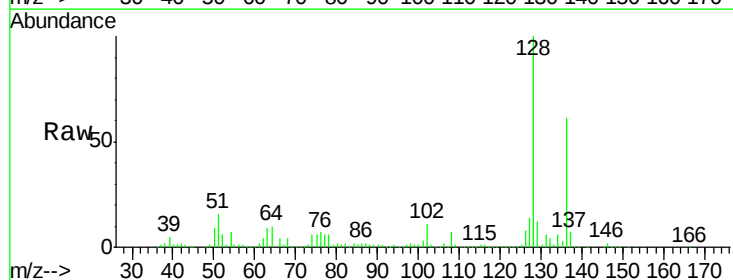
Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

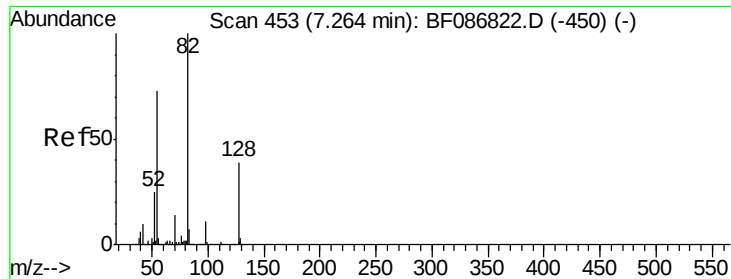
Tgt Ion: 70 Resp: 146398
Ion Ratio Lower Upper
70 100
42 66.6 43.1 64.7#
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

Tgt Ion: 136 Resp: 487284
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 11.1 5.0 7.4#
68 6.1 4.4 6.6





#23

Nitrobenzene-d5

Concen: 100.80 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

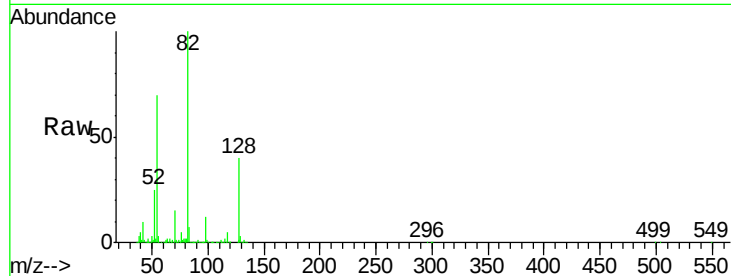
Tgt Ion: 82 Resp: 978252

Ion Ratio Lower Upper

82 100

128 40.1 40.6 61.0#

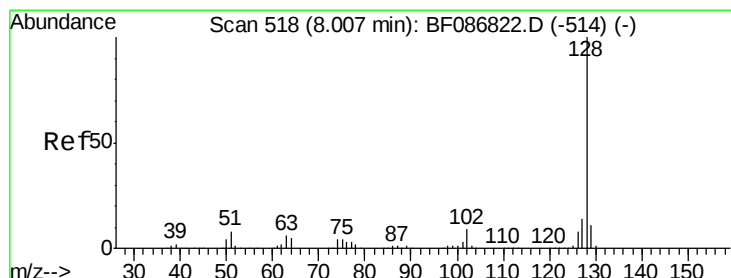
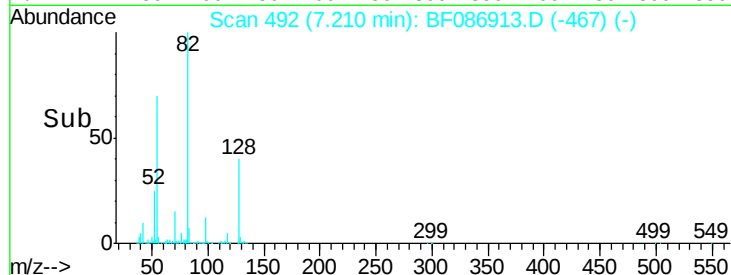
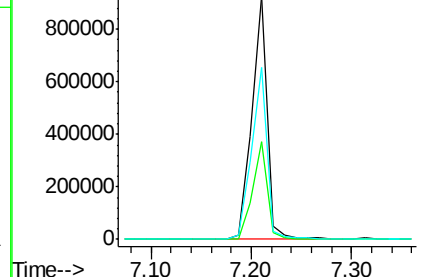
54 70.4 38.1 57.1#



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



#31

Naphthalene

Concen: 274.62 ng

RT: 7.96 min Scan# 558

Delta R.T. 0.02 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

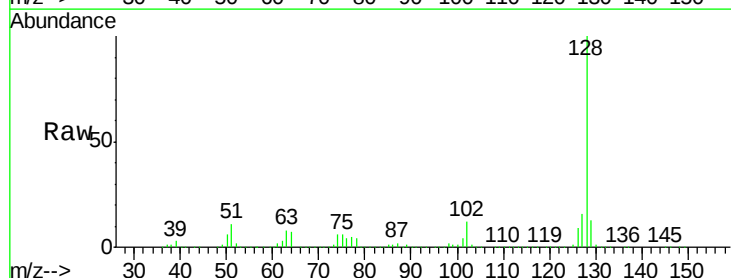
Tgt Ion: 128 Resp: 6702572

Ion Ratio Lower Upper

128 100

129 12.9 8.6 13.0

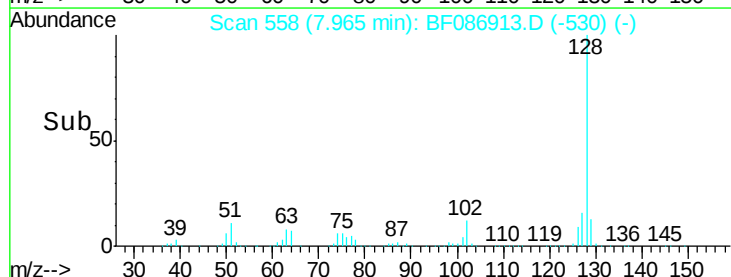
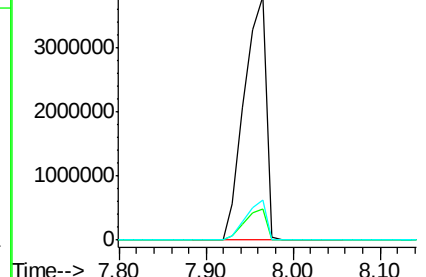
127 16.3 10.8 16.2#

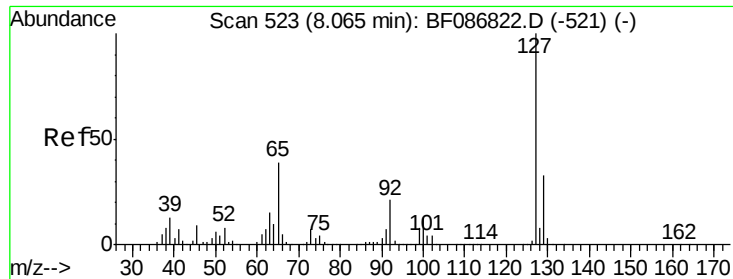


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

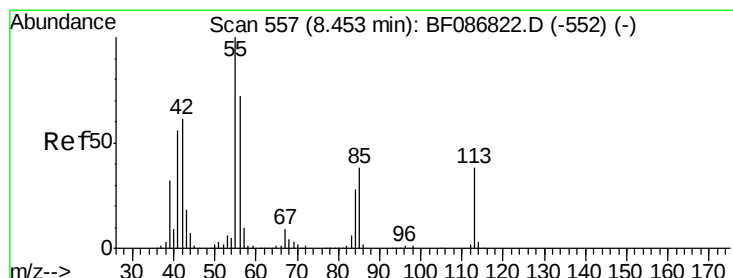
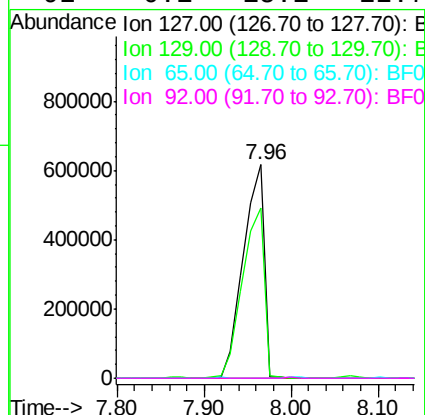
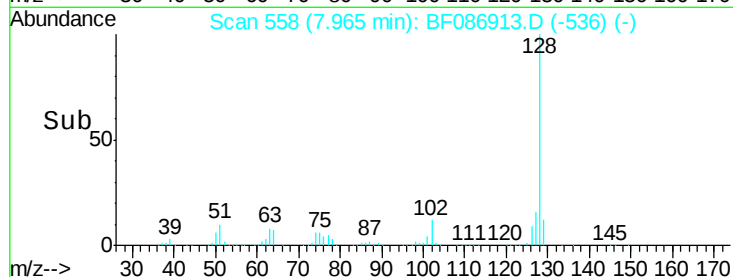
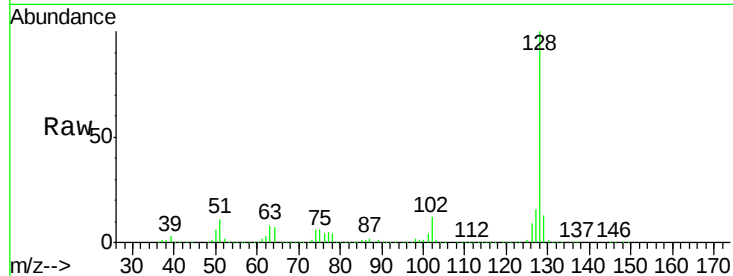




#33
 4-Chloroaniline
 Concen: 109.35 ng
 RT: 7.96 min Scan# 558
 Delta R.T. -0.05 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

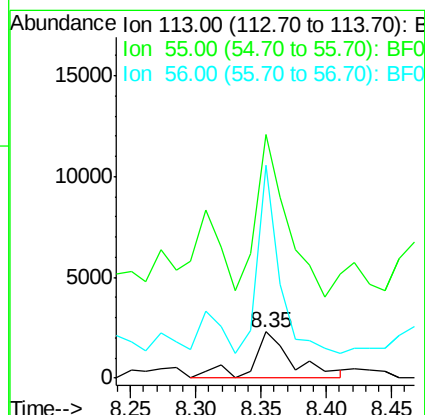
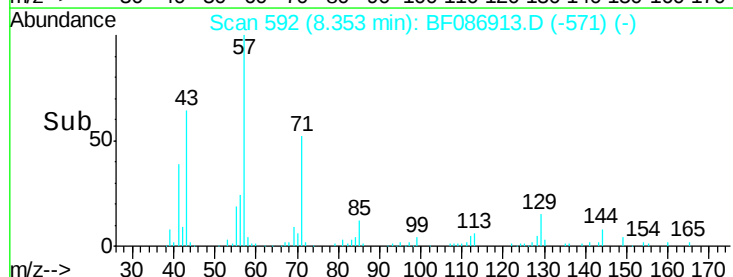
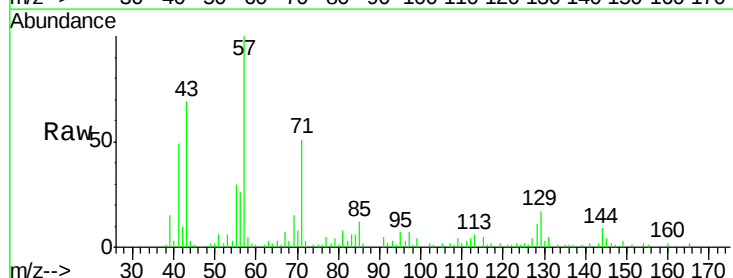
Instrument :
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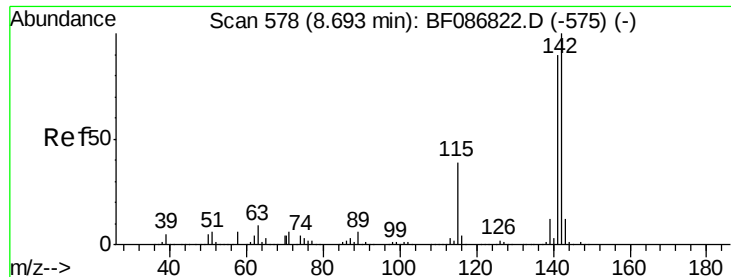
Tgt Ion:127 Resp: 1037034
 Ion Ratio Lower Upper
 127 100
 129 79.5 26.2 39.4#
 65 0.0 23.0 34.4#
 92 0.1 15.1 22.7#



#35
 Caprolactam
 Concen: 2.21 ng
 RT: 8.35 min Scan# 592
 Delta R.T. -0.06 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:113 Resp: 4958
 Ion Ratio Lower Upper
 113 100
 55 524.5 162.0 202.0#
 56 459.5 115.3 155.3#

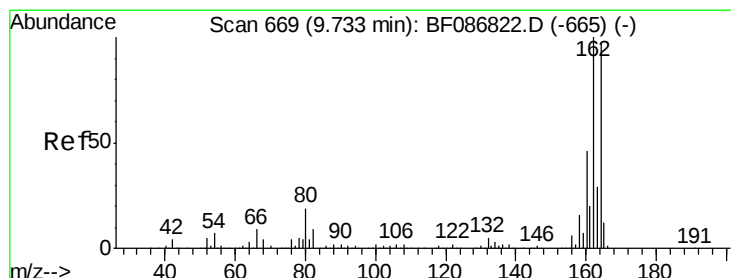
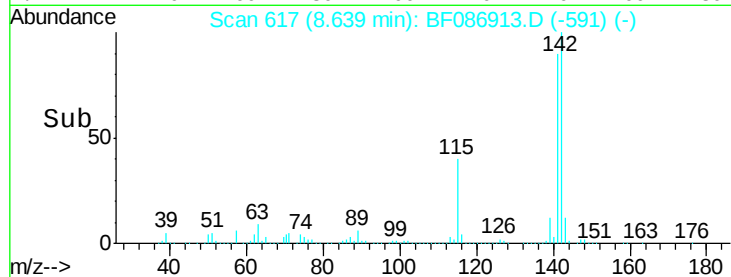
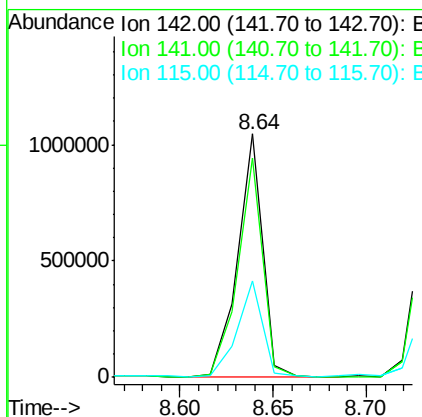
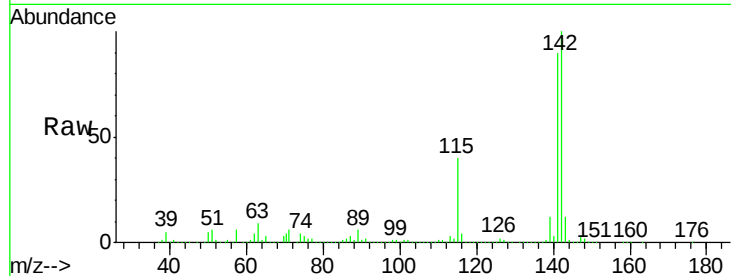




#37
 2-Methylnaphthalene
 Concen: 68.93 ng
 RT: 8.64 min Scan# 617
 Delta R.T. 0.00 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

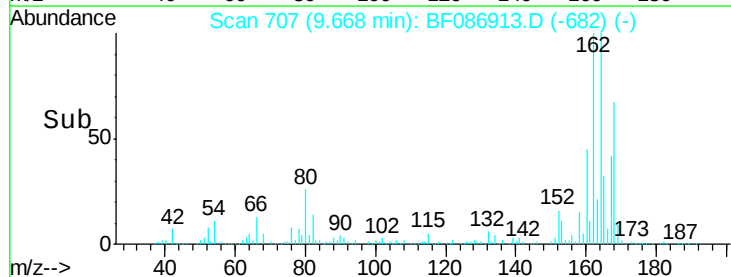
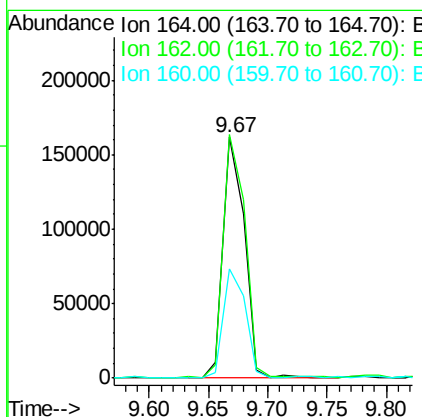
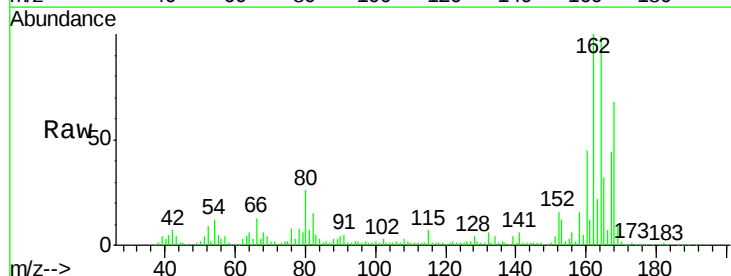
Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

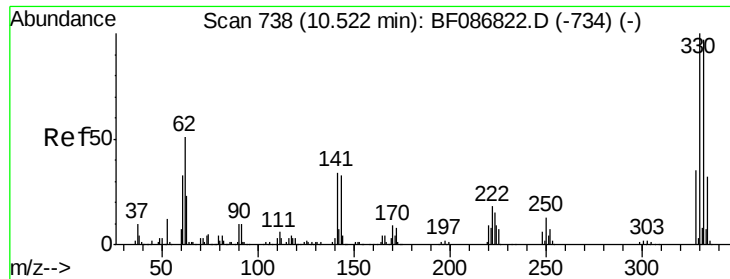
Tgt Ion:142 Resp: 983533
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.0 106.6
 115 39.6 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:164 Resp: 201500
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.8 124.2
 160 45.6 36.9 55.3

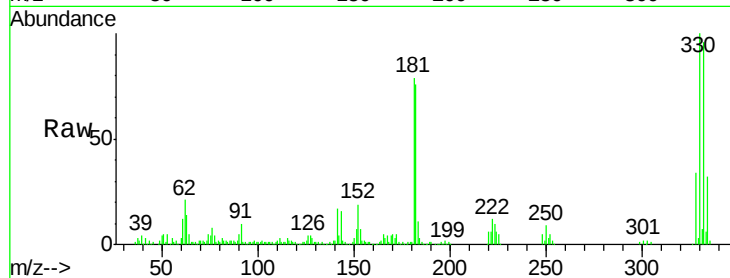




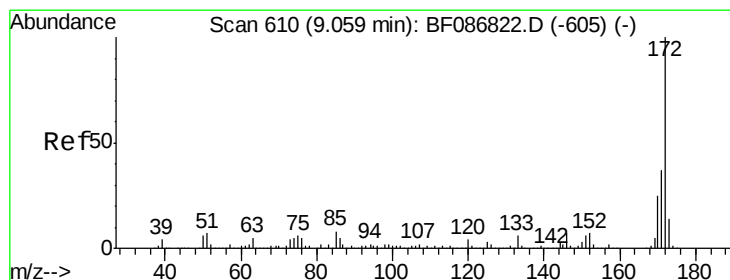
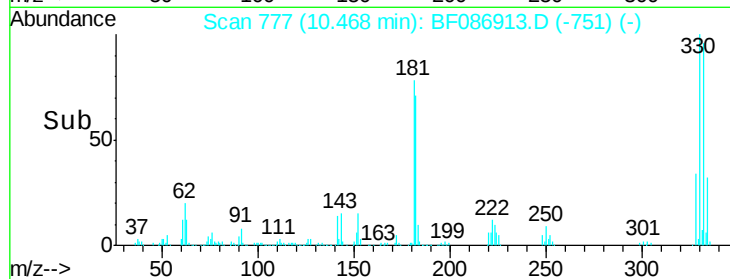
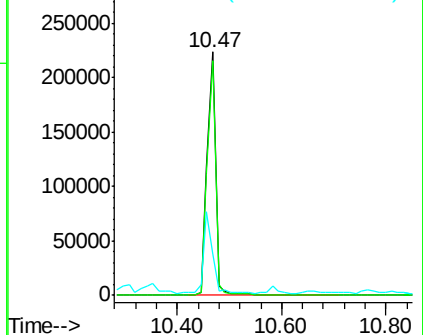
#41
 2,4,6-Tribromophenol
 Concen: 119.32 ng
 RT: 10.47 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

Tgt Ion:330 Resp: 254528
 Ion Ratio Lower Upper
 330 100
 332 95.4 79.0 118.4
 141 33.5 31.2 46.8

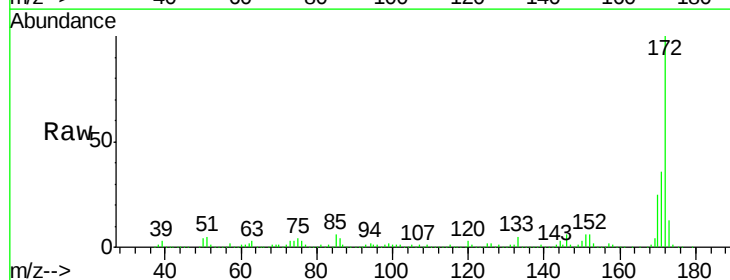


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

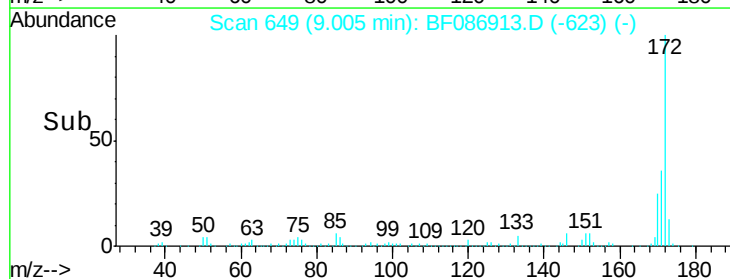
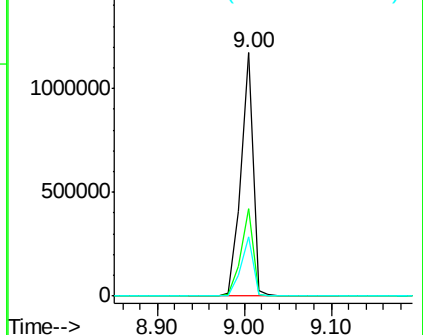


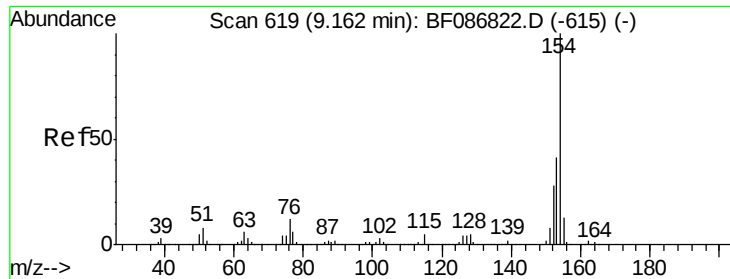
#44
 2-Fluorobiphenyl
 Concen: 94.09 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:172 Resp: 1128033
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.0 43.6
 170 24.5 19.8 29.8



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

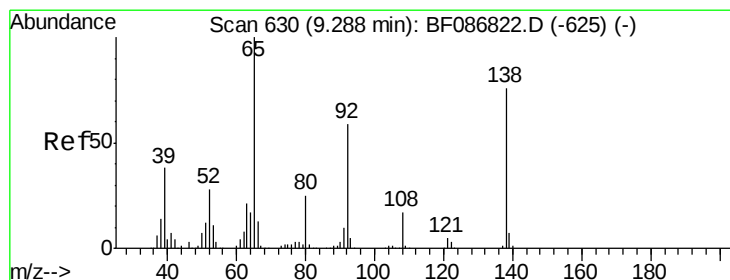
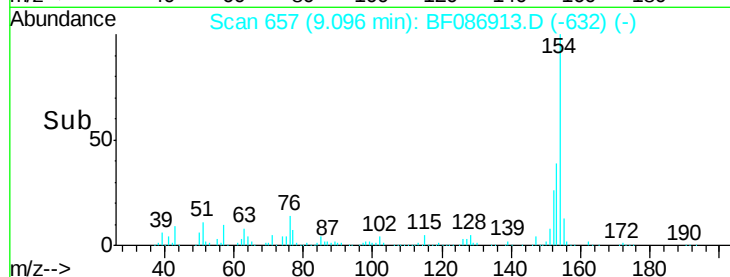
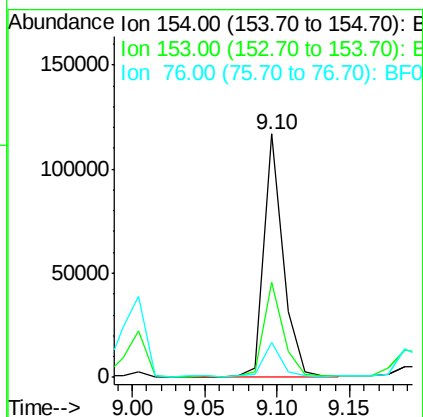
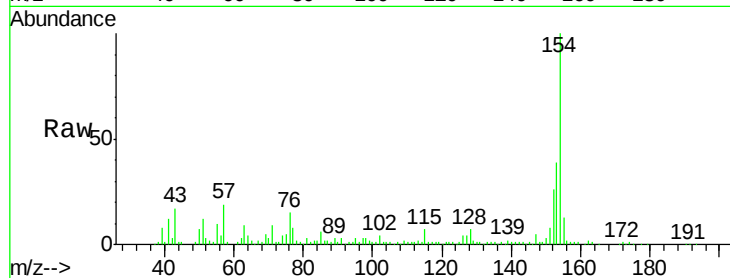




#45
 1,1'-Biphenyl
 Concen: 6.79 ng
 RT: 9.10 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

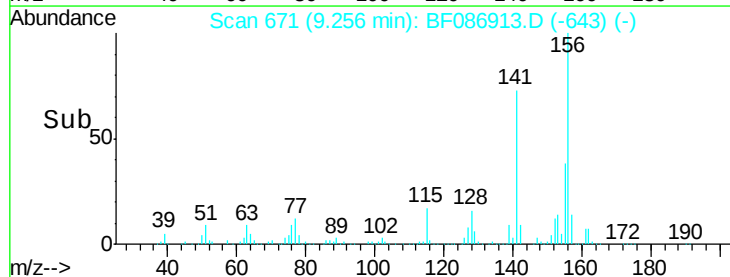
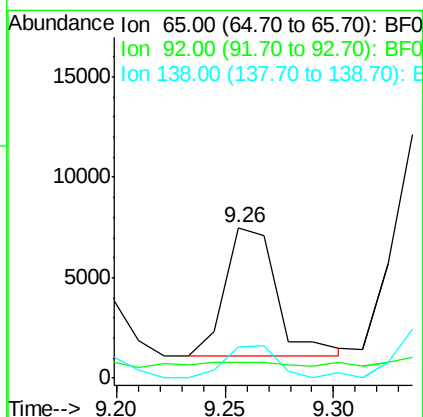
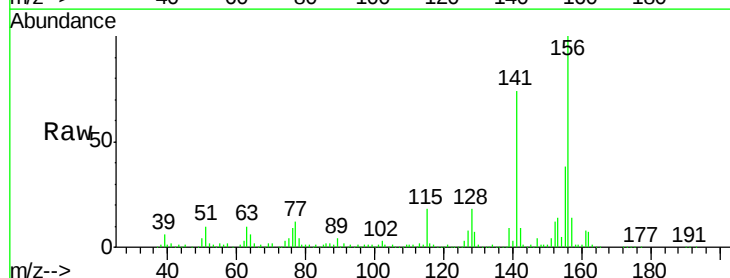
Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

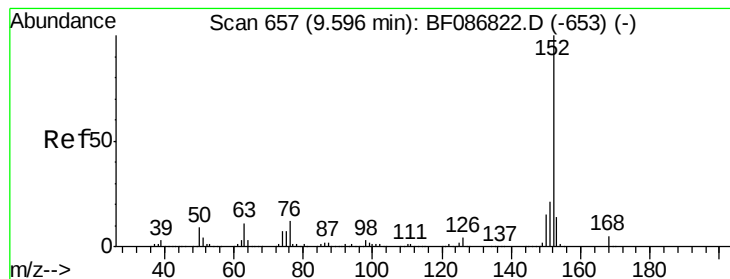
Tgt Ion:	154	Resp:	108799
Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.3	60.3
76	14.6	0.0	30.2



#47
 2-Nitroaniline
 Concen: 2.32 ng
 RT: 9.26 min Scan# 671
 Delta R.T. 0.02 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:	65	Resp:	10637
Ion	Ratio	Lower	Upper
65	100		
92	10.5	57.4	86.2#
138	21.0	90.1	135.1#





#48

Acenaphthylene

Concen: 16.57 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

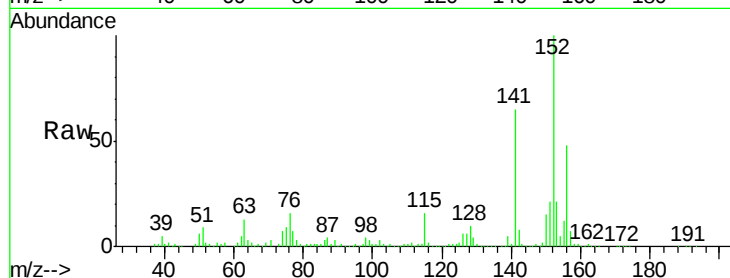
Tgt Ion:152 Resp: 305995

Ion Ratio Lower Upper

152 100

151 21.2 16.8 25.2

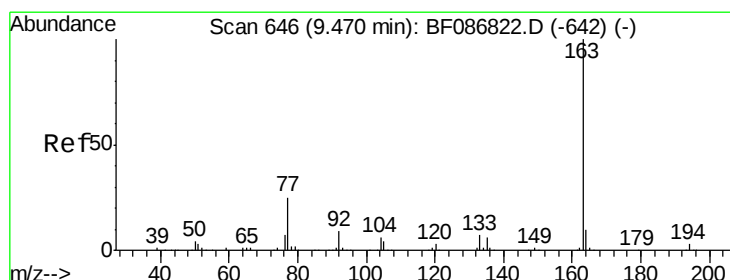
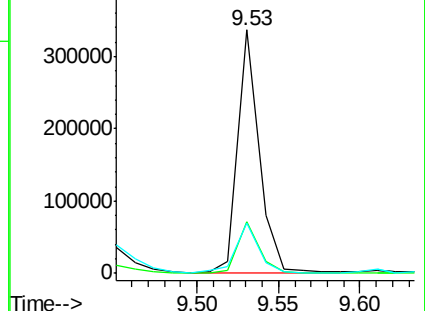
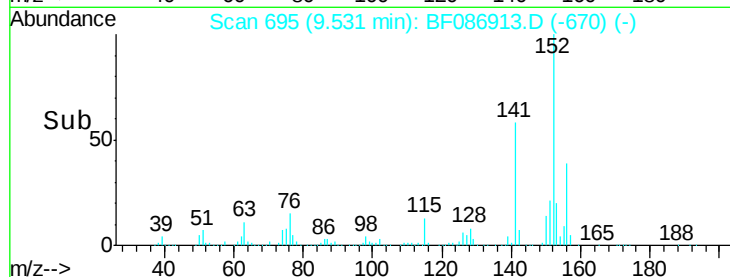
153 20.8 10.9 16.3#



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: 7.07 ng

RT: 9.40 min Scan# 684

Delta R.T. -0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

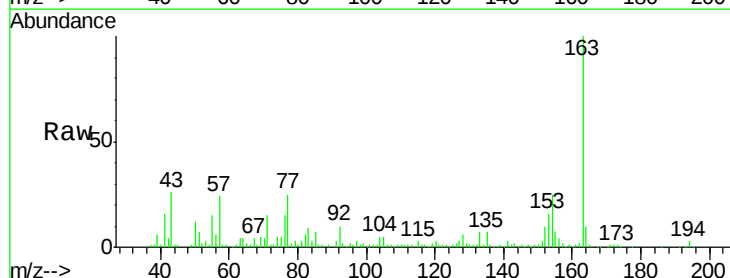
Tgt Ion:163 Resp: 108750

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

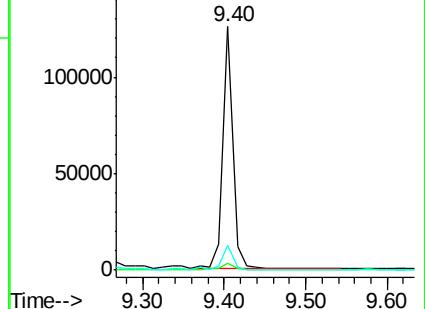
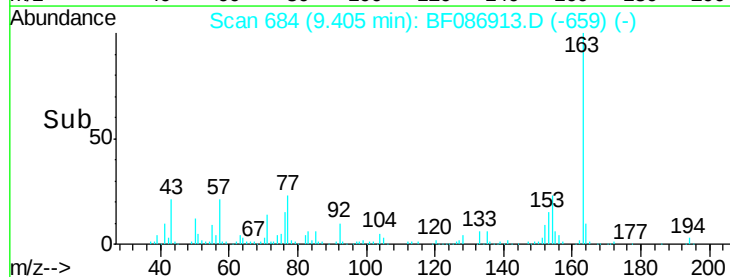
164 10.4 8.2 12.4

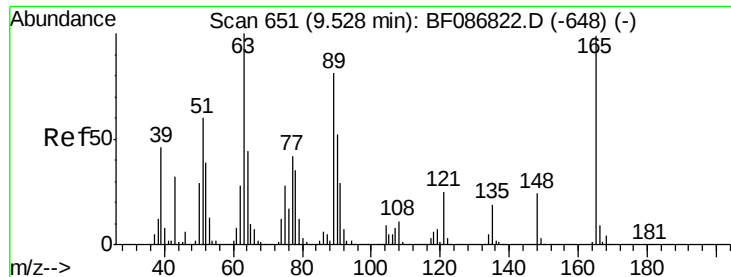


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

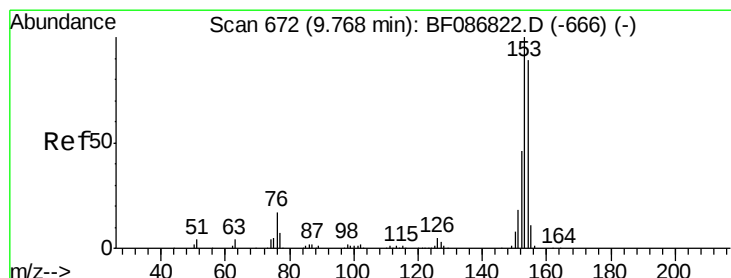
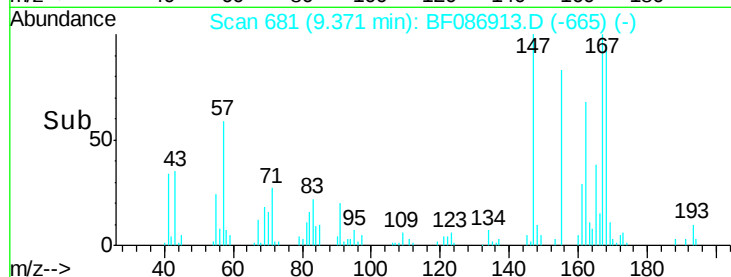
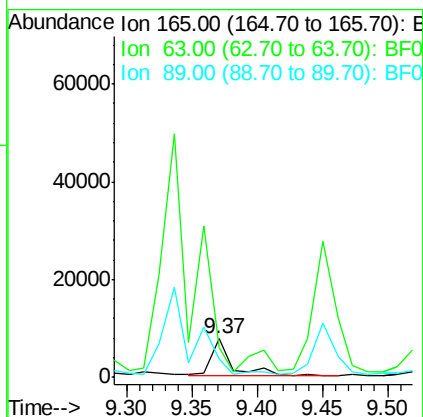
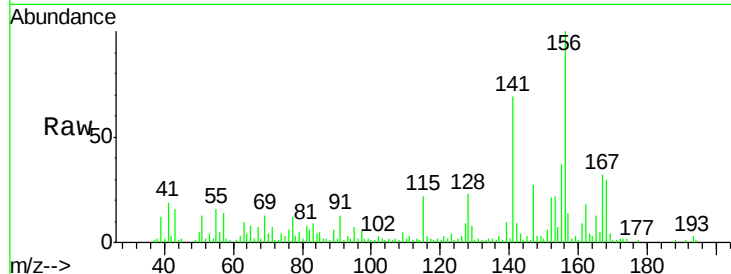




#50
2,6-Dinitrotoluene
Concen: 2.52 ng
RT: 9.37 min Scan# 681
Delta R.T. -0.11 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

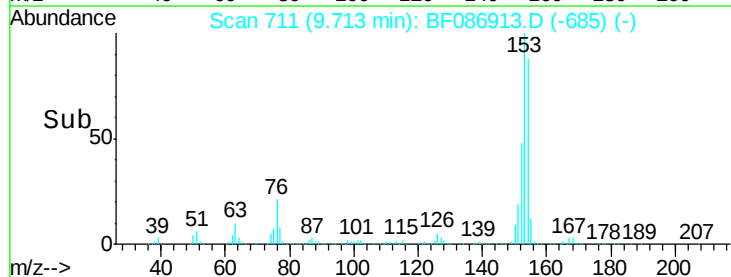
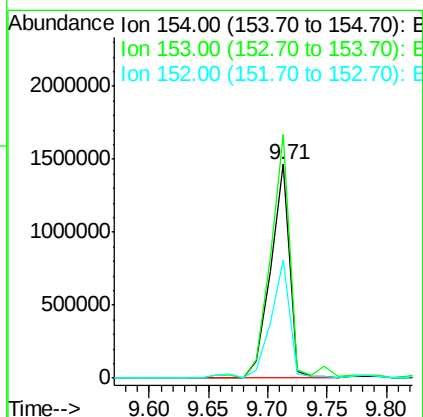
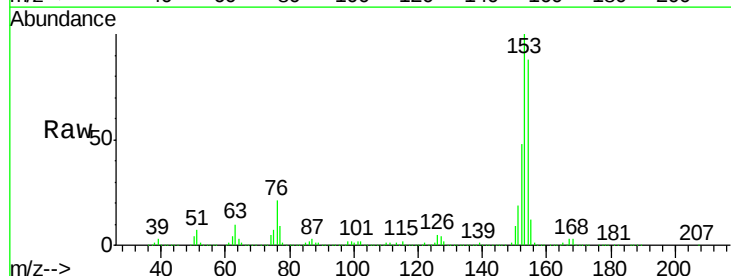
Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

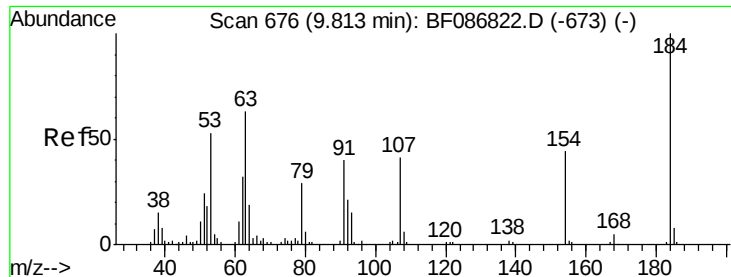
Tgt Ion:165 Resp: 8158
Ion Ratio Lower Upper
165 100
63 77.4 51.8 77.8
89 47.3 50.7 76.1#



#51
Acenaphthene
Concen: 142.32 ng
RT: 9.71 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

Tgt Ion:154 Resp: 1635203
Ion Ratio Lower Upper
154 100
153 113.9 89.8 134.6
152 55.2 43.4 65.0

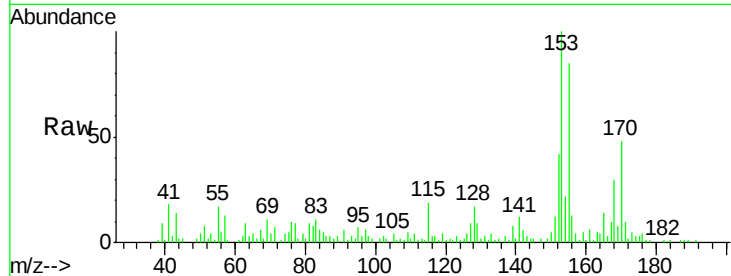




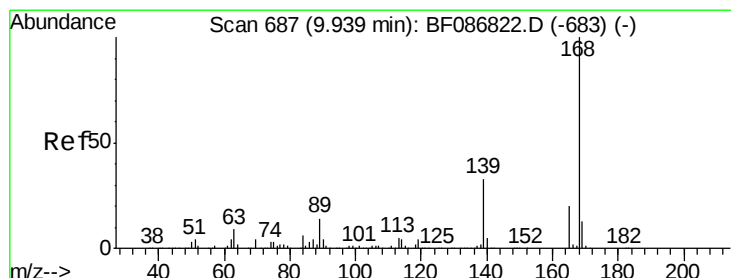
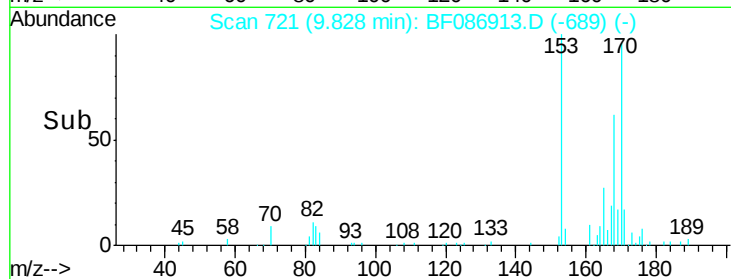
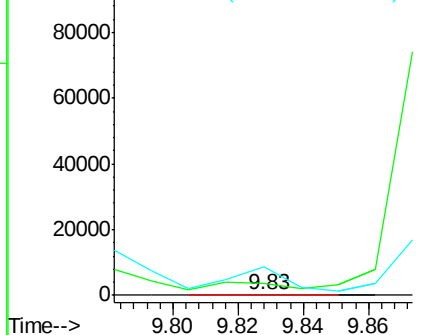
#53
 2,4-Dinitrophenol
 Concen: 7.81 ng
 RT: 9.83 min Scan# 721
 Delta R.T. 0.07 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

Tgt Ion:184 Resp: 219
 Ion Ratio Lower Upper
 184 100
 63 1133.5 55.8 83.8#
 154 2675.9 62.4 93.6#

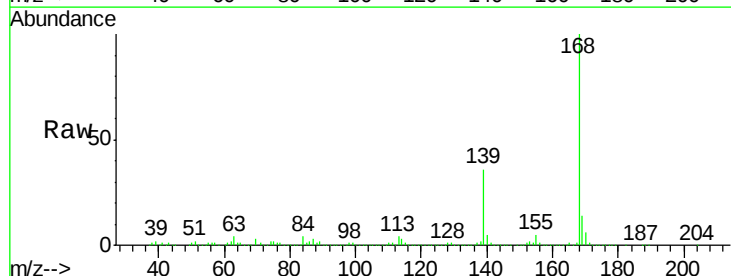


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

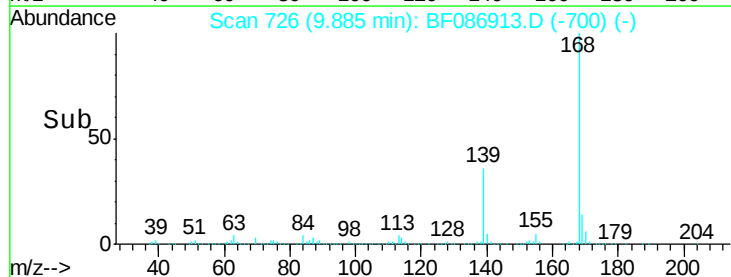
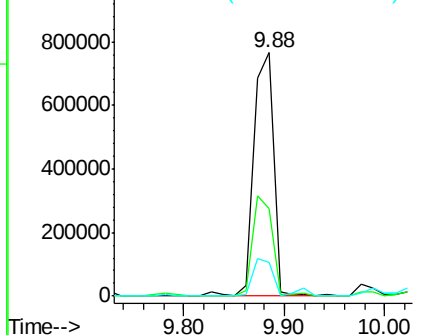


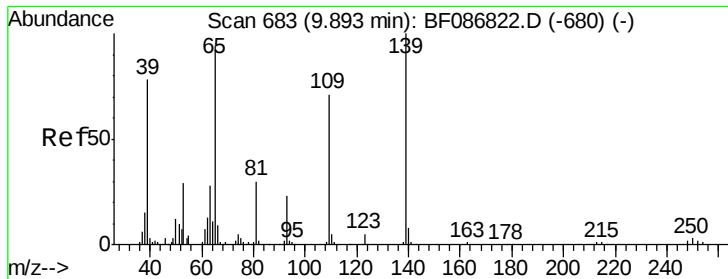
#54
 Dibenzofuran
 Concen: 71.34 ng
 RT: 9.88 min Scan# 726
 Delta R.T. 0.00 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:168 Resp: 1052189
 Ion Ratio Lower Upper
 168 100
 139 35.9 31.4 47.0
 169 14.0 10.7 16.1



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 11.49 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

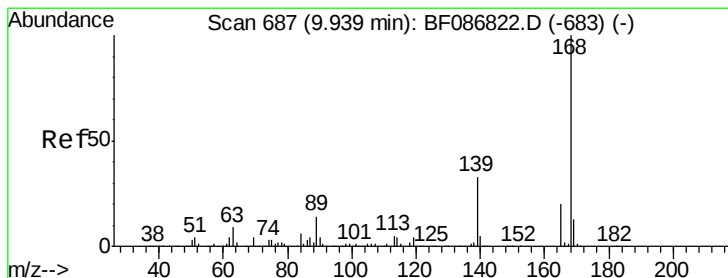
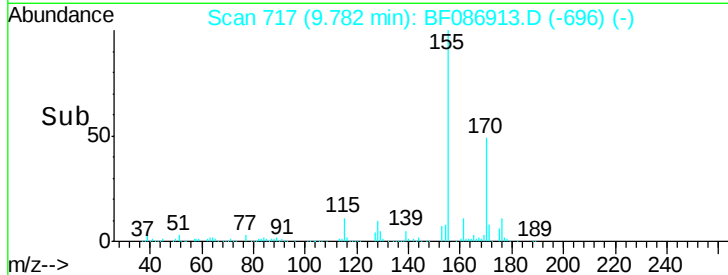
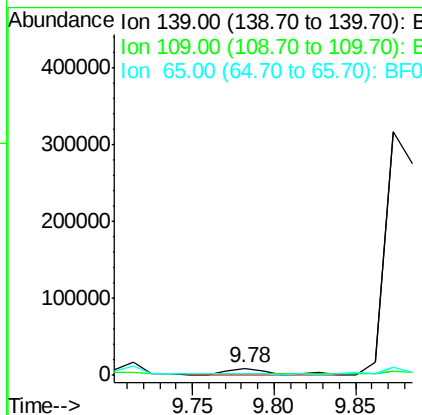
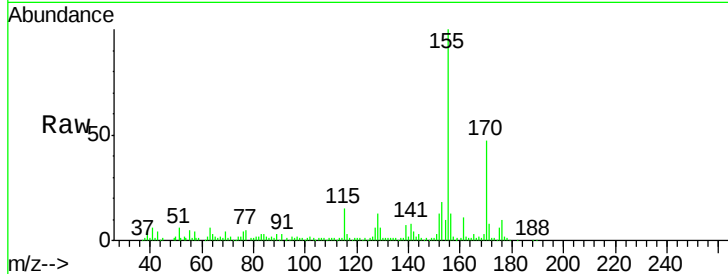
Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

Tgt Ion	Ratio	Lower	Upper
139	100		
109	20.6	36.9	76.9#
65	31.5	64.0	104.0#



#56

2,4-Dinitrotoluene

Concen: 4.46 ng

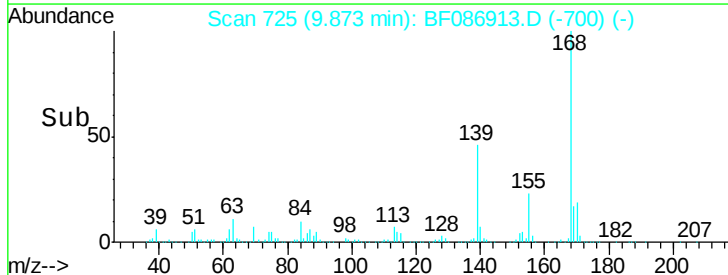
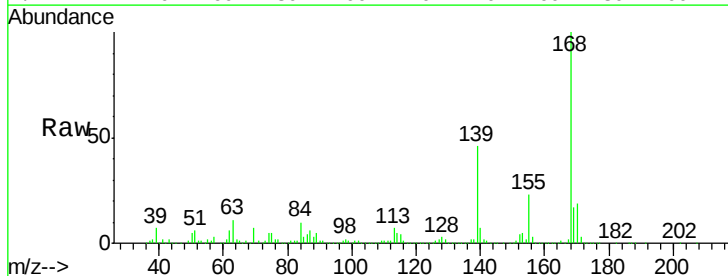
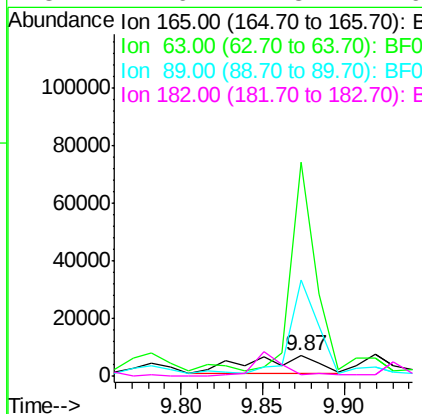
RT: 9.87 min Scan# 725

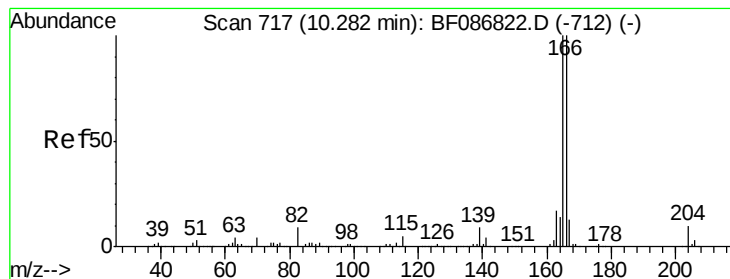
Delta R.T. -0.01 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1048.1	44.3	66.5#
89	472.2	70.0	105.0#
182	7.6	1.8	2.6#





#57

Fluorene

Concen: 98.48 ng

RT: 10.23 min Scan# 756

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

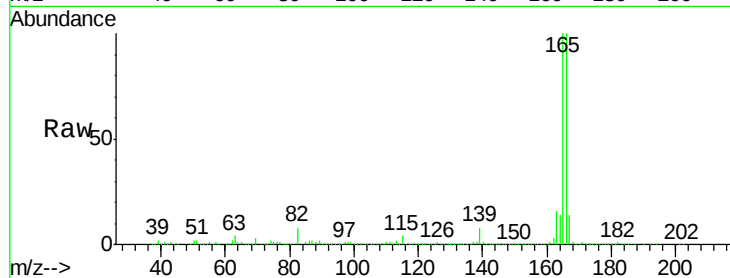
Tgt Ion:166 Resp: 1238711

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

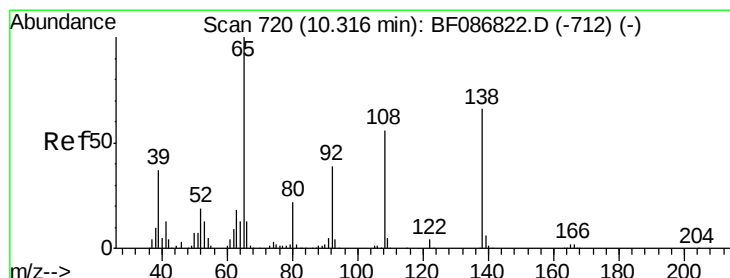
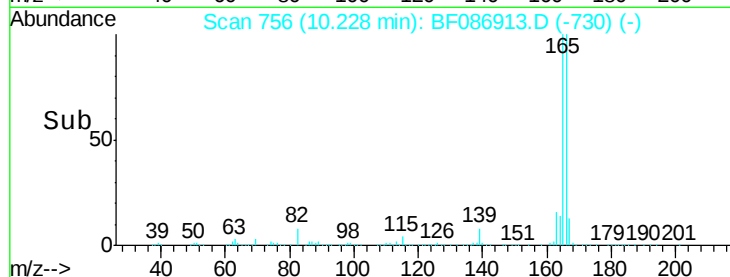
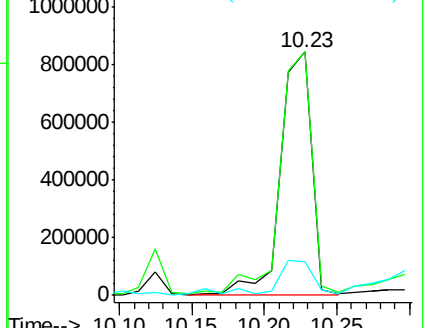
167 13.8 10.6 15.8



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



#61

4-Nitroaniline

Concen: 4.73 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.06 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

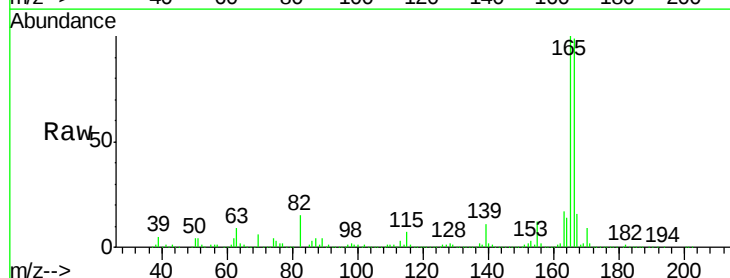
Tgt Ion:138 Resp: 15464

Ion Ratio Lower Upper

138 100

92 5.4 24.7 64.7#

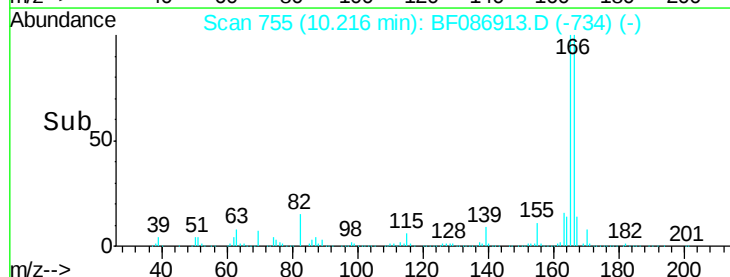
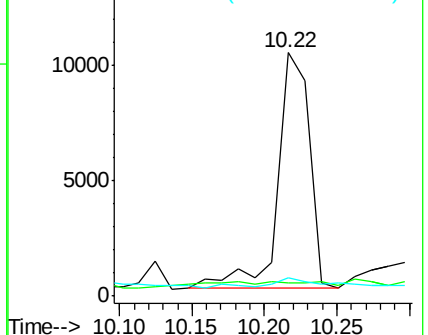
108 7.3 37.4 77.4#

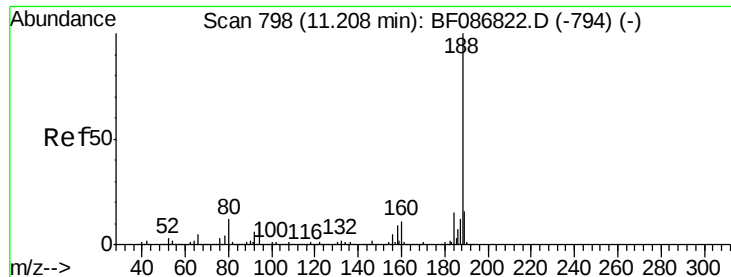


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

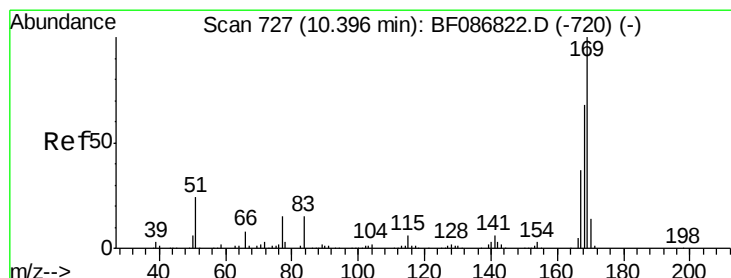
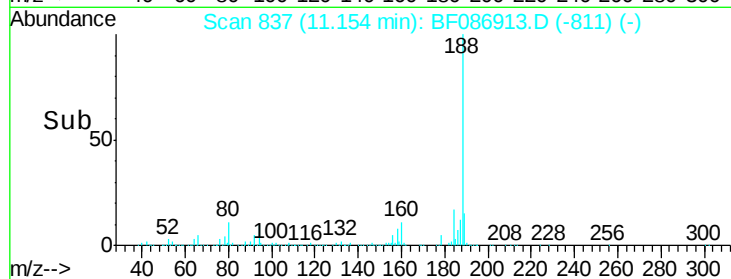
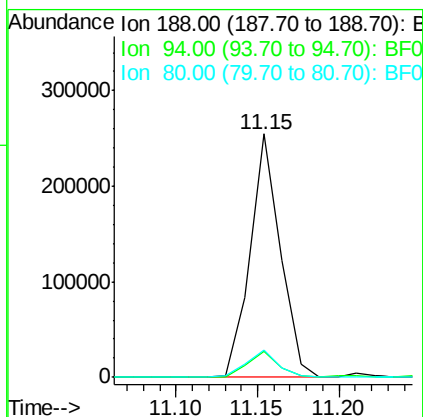
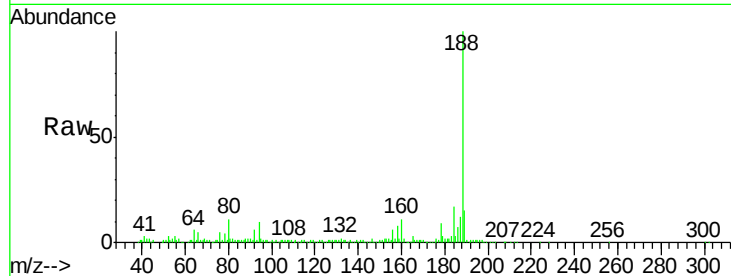




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

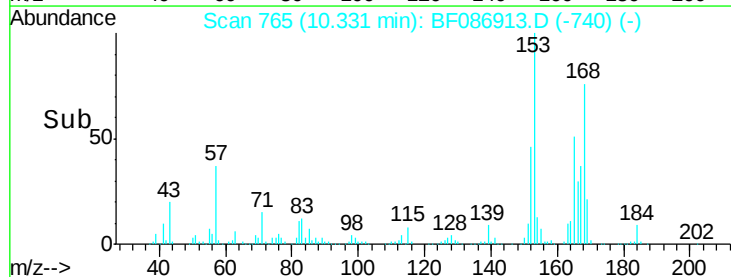
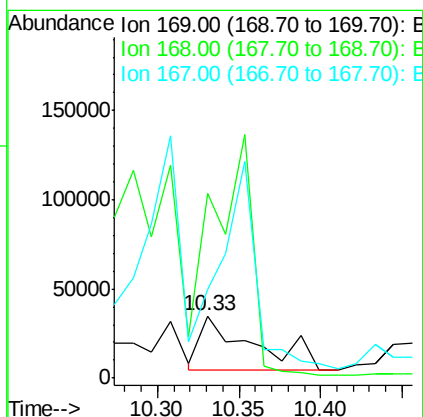
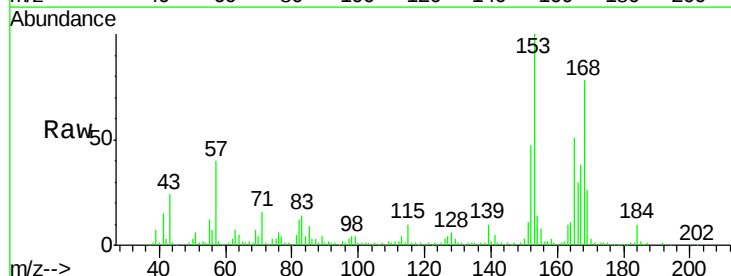
Instrument :
BNA_F
ClientSampleId :
E-17(10-10.5)

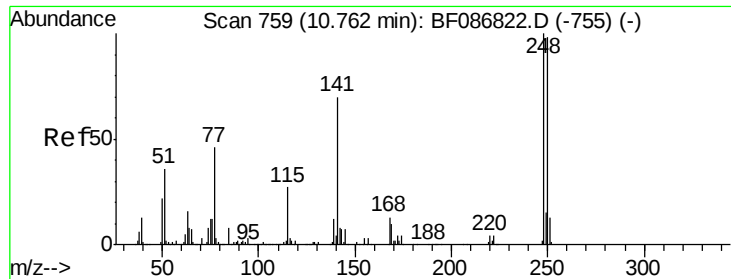
Tgt Ion:188 Resp: 327302
Ion Ratio Lower Upper
188 100
94 10.5 6.8 10.2#
80 11.1 7.1 10.7#



#65
n-Nitrosodiphenylamine
Concen: 6.64 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF086913.D
Acq: 12 May 2016 3:23

Tgt Ion:169 Resp: 66776
Ion Ratio Lower Upper
169 100
168 299.5 53.8 80.6#
167 144.2 29.5 44.3#

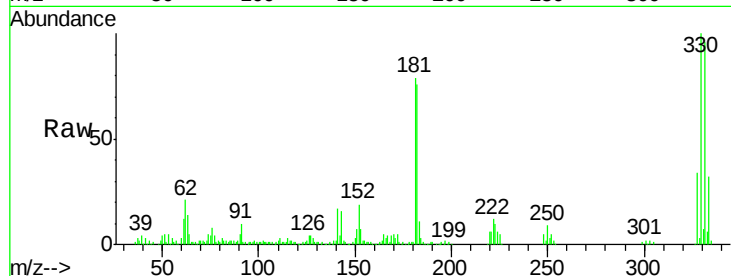




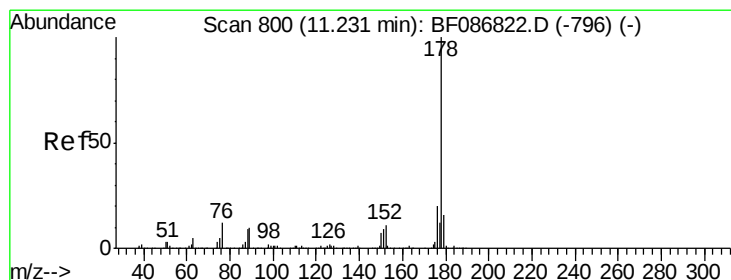
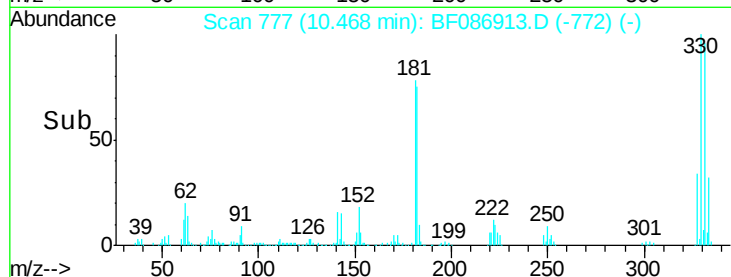
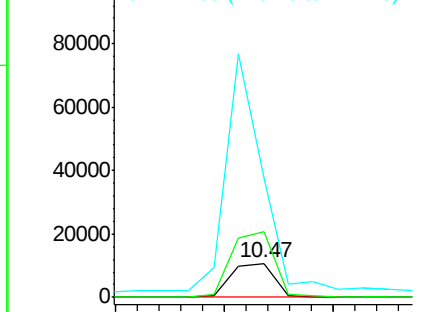
#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.47 min Scan# 777
 Delta R.T. -0.24 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Instrument :
 BNA_F
 ClientSampleId :
 E-17(10-10.5)

Tgt Ion:248 Resp: 14665
 Ion Ratio Lower Upper
 248 100
 250 192.3 78.6 117.8#
 141 352.6 76.0 114.0#

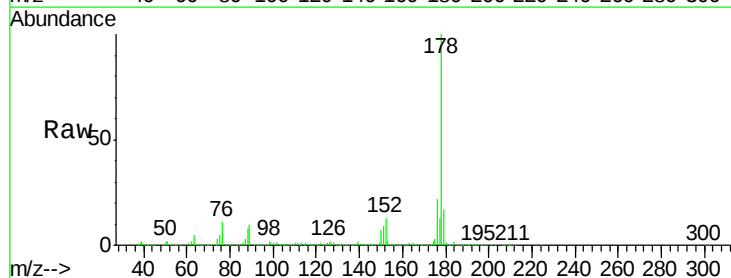


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

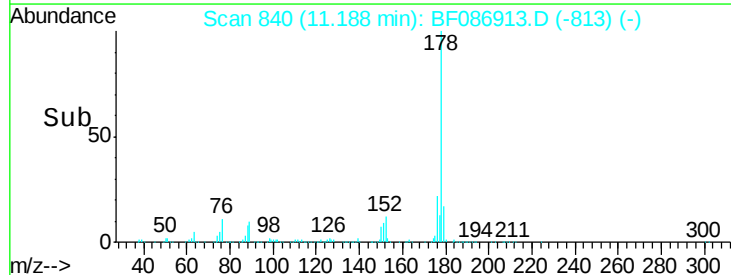
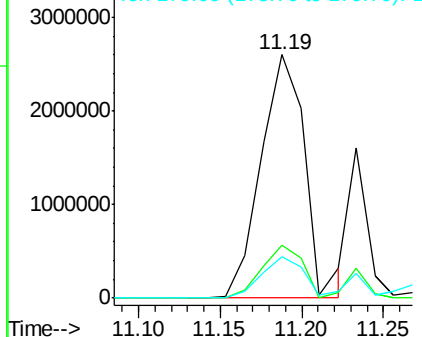


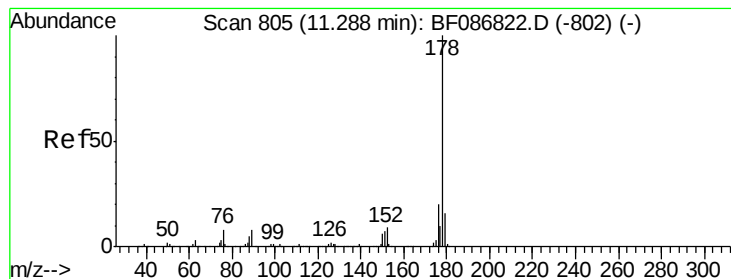
#70
 Phenanthrene
 Concen: 279.95 ng
 RT: 11.19 min Scan# 840
 Delta R.T. 0.01 min
 Lab File: BF086913.D
 Acq: 12 May 2016 3:23

Tgt Ion:178 Resp: 4889721
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.0 24.0
 179 17.3 12.6 18.8



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: 75.74 ng

RT: 11.23 min Scan# 844

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

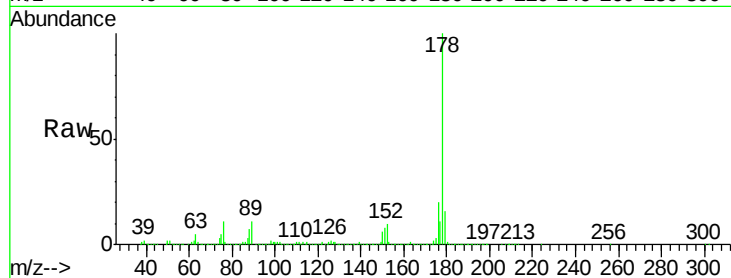
Tgt Ion:178 Resp: 1353019

Ion Ratio Lower Upper

178 100

176 20.0 15.6 23.4

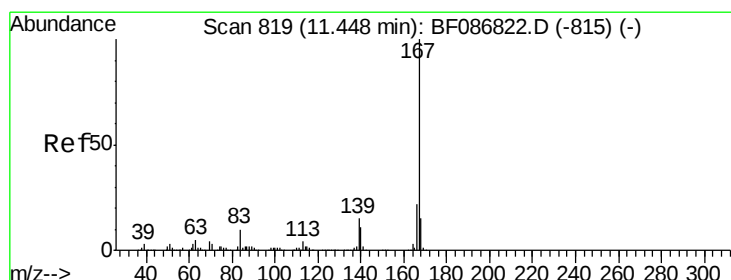
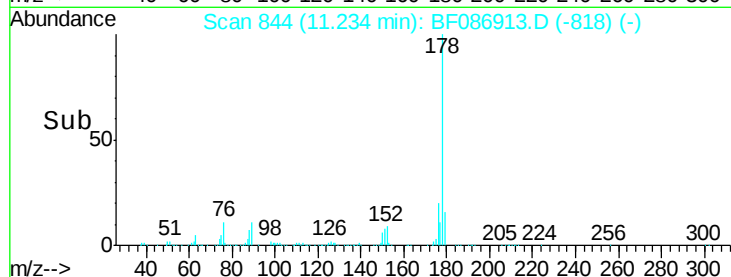
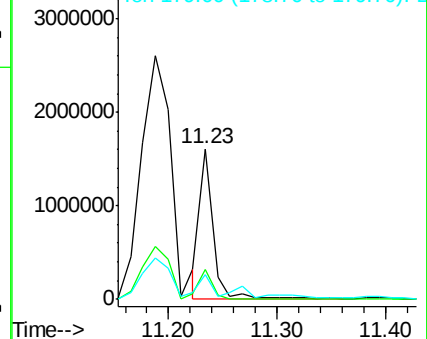
179 16.5 12.7 19.1



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



#72

Carbazole

Concen: 28.54 ng

RT: 11.39 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

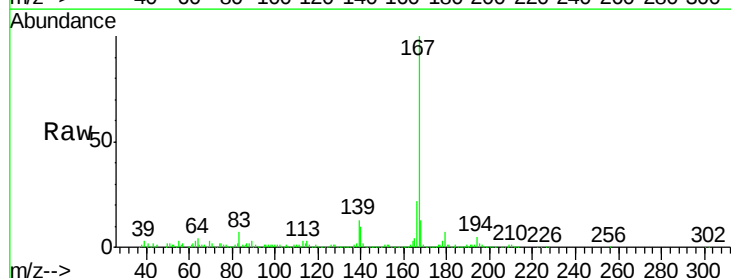
Tgt Ion:167 Resp: 438239

Ion Ratio Lower Upper

167 100

166 22.5 17.7 26.5

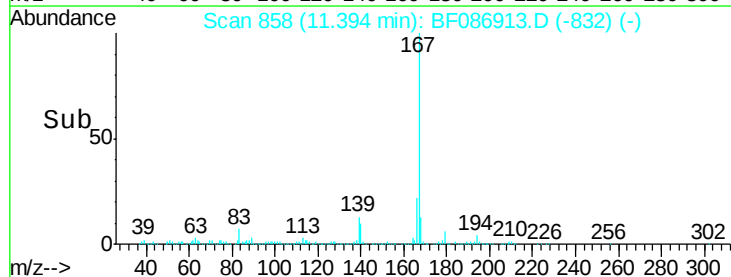
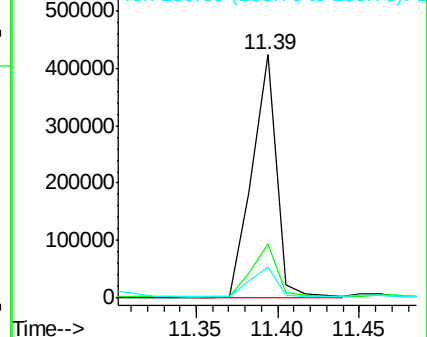
139 13.0 10.8 16.2

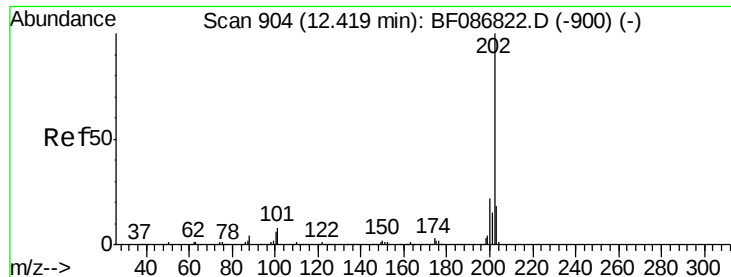


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 190.60 ng

RT: 12.38 min Scan# 944

Delta R.T. 0.02 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

Instrument :

BNA_F

ClientSampleId :

E-17(10-10.5)

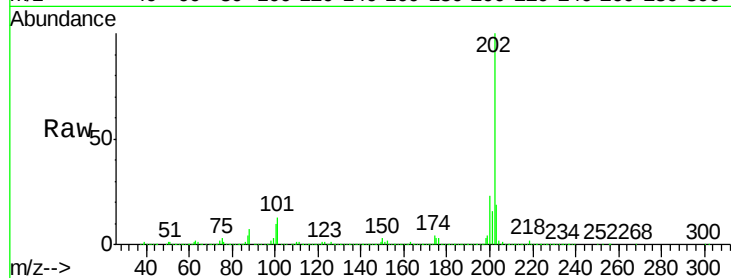
Tgt Ion:202 Resp: 3424169

Ion Ratio Lower Upper

202 100

101 13.4 0.0 35.4

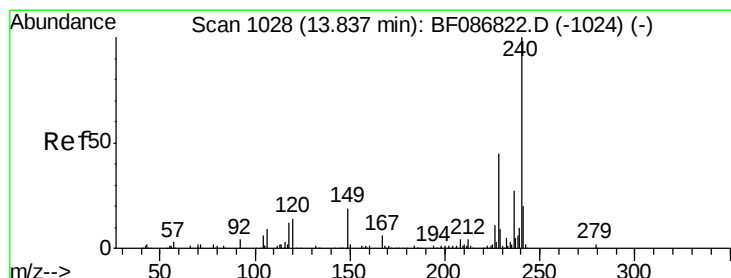
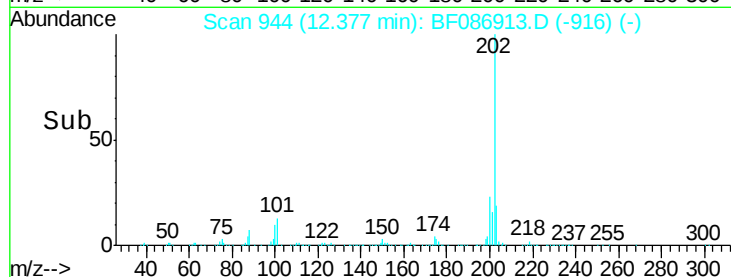
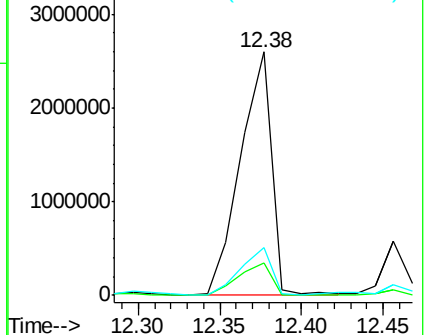
203 19.4 0.0 38.1



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: 13.78 min Scan# 1067

Delta R.T. 0.00 min

Lab File: BF086913.D

Acq: 12 May 2016 3:23

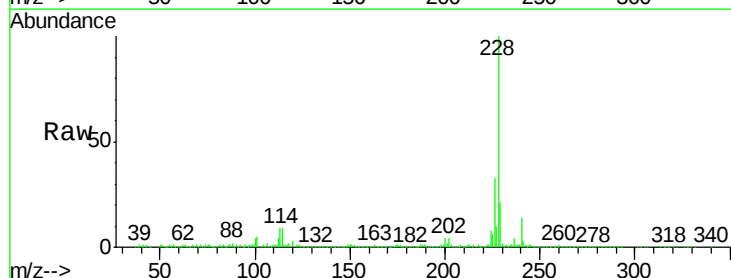
Tgt Ion:240 Resp: 246046

Ion Ratio Lower Upper

240 100

120 18.8 11.2 16.8#

236 26.8 21.2 31.8



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

