

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060916\
 Data File : BF087860.D
 Acq On : 9 Jun 2016 18:55
 Operator : UM/SJ
 Sample : H3380-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)C

Quant Time: Jun 10 02:00:33 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	131292	20.00	ng	-0.02
21) Naphthalene-d8	8.10	136	459091	20.00	ng	-0.02
38) Acenaphthene-d10	9.85	164	189542	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	298144	20.00	ng	-0.02
75) Chrysene-d12	13.95	240	243425	20.00	ng	-0.03
86) Perylene-d12	15.37	264	203850	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	569535	74.16	ng	-0.01
7) Phenol-d6	6.46	99	952952	102.39	ng	-0.02
23) Nitrobenzene-d5	7.39	82	678167	86.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.64	330	84482	42.21	ng	-0.03
44) 2-Fluorobiphenyl	9.19	172	1014233	83.99	ng	-0.02
78) Terphenyl-d14	12.91	244	608765	56.91	ng	-0.03

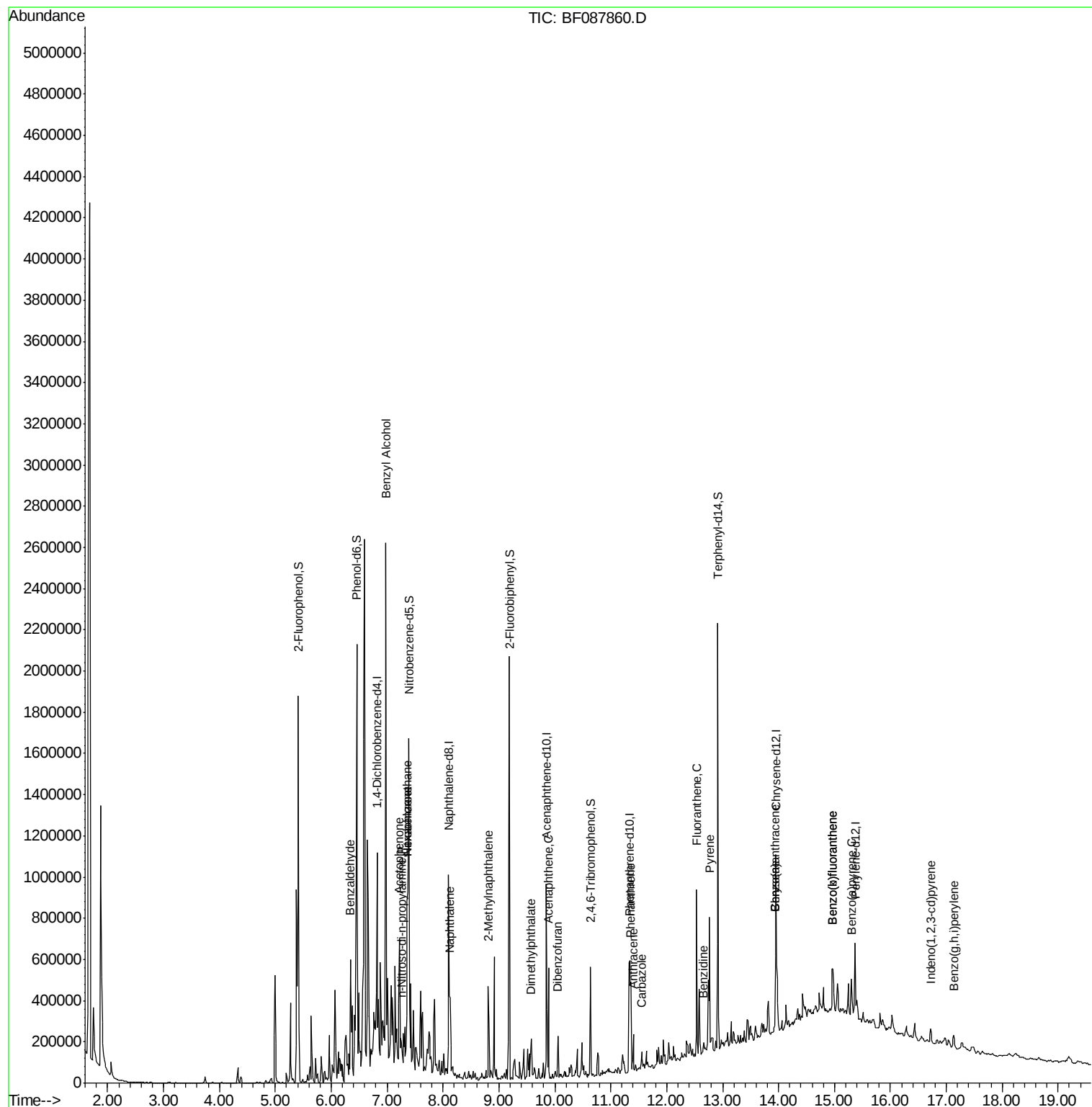
Target Compounds						Qvalue
9) Benzaldehyde	6.34	77	22805	3.31	ng	# 1
10) Phenol	6.47	94	11623	Below	Cal	# 5
15) Benzyl Alcohol	6.98	79	16791	2.31	ng	# 40
18) Hexachloroethane	7.36	117	65521	18.79	ng	# 1
19) n-Nitroso-di-n-propylamine	7.26	70	16798	2.82	ng	# 59
22) Acetophenone	7.22	105	25558	2.49	ng	# 68
24) Nitrobenzene	7.36	77	31764	4.17	ng	# 20
31) Naphthalene	8.12	128	113739	5.01	ng	# 99
37) 2-Methylnaphthalene	8.81	142	157894	10.54	ng	# 96
45) 1,1'-Biphenyl	9.28	154	25558	Below	Cal	# 97
49) Dimethylphthalate	9.58	163	87453	6.37	ng	# 98
51) Acenaphthene	9.88	154	102882	8.45	ng	# 99
54) Dibenzofuran	10.06	168	61025	3.64	ng	# 95
57) Fluorene	10.40	166	37917	Below	Cal	# 98
70) Phenanthrene	11.36	178	250813	16.03	ng	# 99
71) Anthracene	11.40	178	66635	4.22	ng	# 98
72) Carbazole	11.55	167	35187	2.38	ng	# 99
74) Fluoranthene	12.54	202	294252	17.82	ng	# 99
76) Benzo(a)pyrene	12.66	184	20347	3.02	ng	# 97
77) Pyrene	12.76	202	259479	14.36	ng	# 99
80) Benzo(a)anthracene	13.94	228	143690	10.36	ng	# 98
82) Chrysene	13.94	228	143690	11.01	ng	# 96
85) Indeno(1,2,3-cd)pyrene	16.72	276	42818	3.53	ng	# 100
87) Benzo(b)fluoranthene	14.97	252	172364	12.13	ng	# 91
88) Benzo(k)fluoranthene	14.97	252	172364	16.08	ng	# 96
89) Benzo(a)pyrene	15.30	252	83864	7.30	ng	# 96
91) Benzo(g,h,i)perylene	17.13	276	42076	3.83	ng	# 96

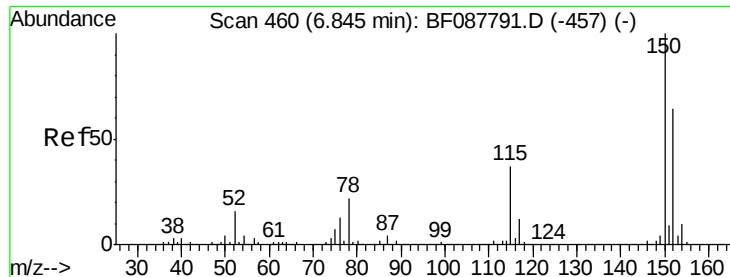
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

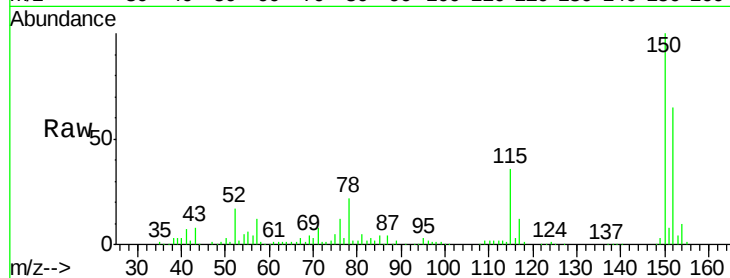
Tgt Ion:152 Resp: 131292

Ion Ratio Lower Upper

152 100

150 154.0 123.8 185.6

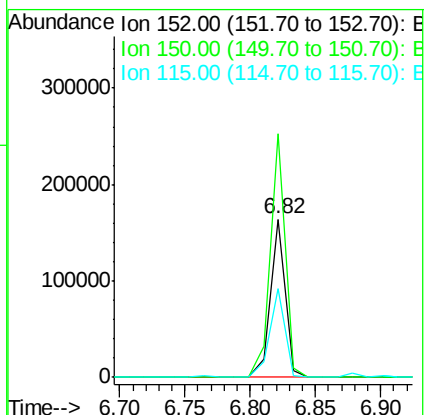
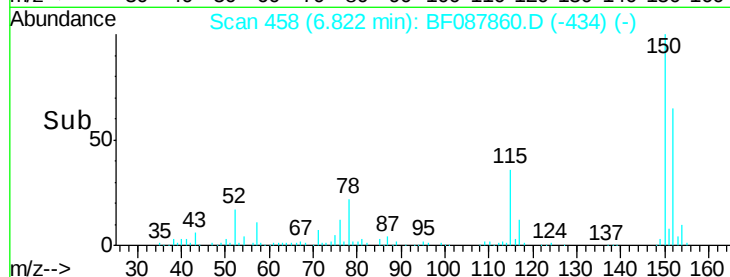
115 56.2 39.6 59.4



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: 74.16 ng

RT: 5.42 min Scan# 335

Delta R.T. -0.01 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

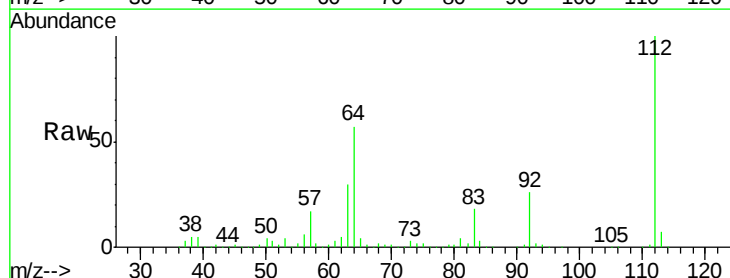
Tgt Ion:112 Resp: 569535

Ion Ratio Lower Upper

112 100

64 56.9 42.2 63.2

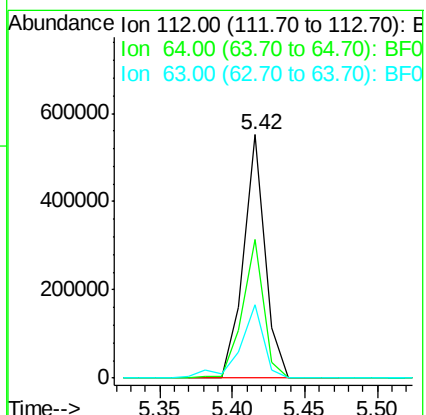
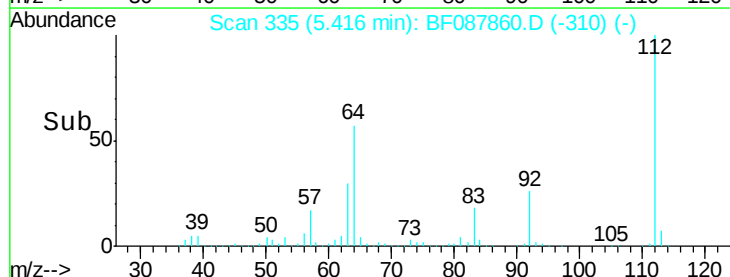
63 29.9 21.8 32.8



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: 102.39 ng

RT: 6.46 min Scan# 426

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

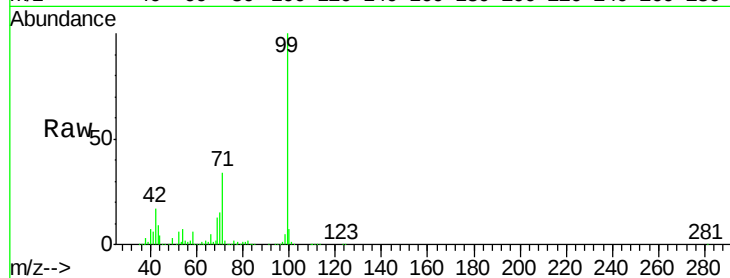
Tgt Ion: 99 Resp: 952952

Ion Ratio Lower Upper

99 100

42 16.8 12.2 18.2

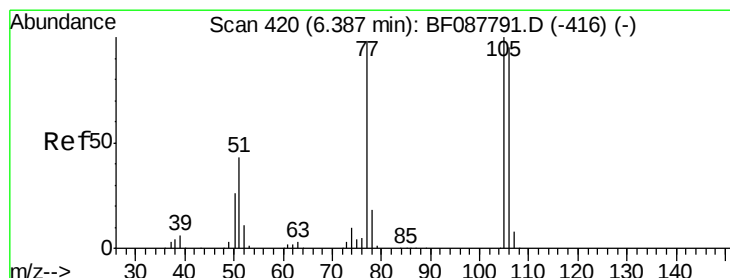
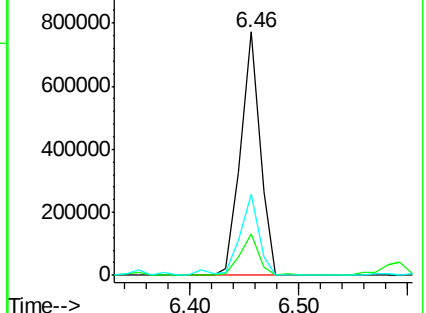
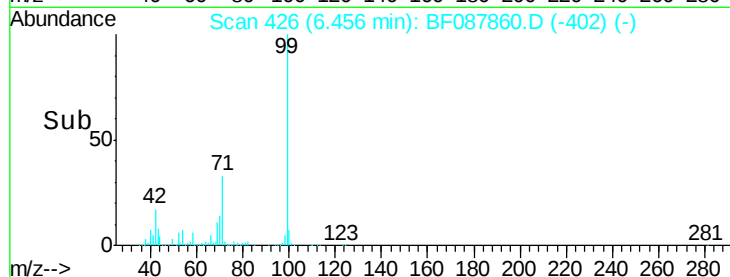
71 33.5 23.4 35.0



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: 3.31 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.05 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

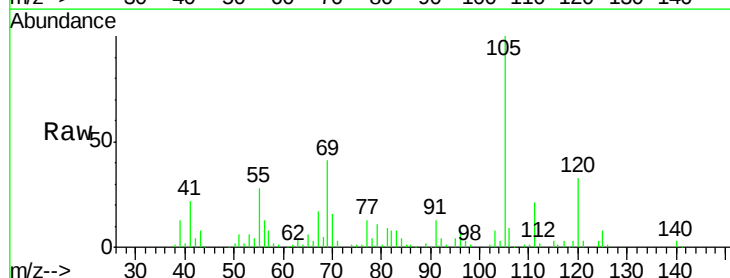
Tgt Ion: 77 Resp: 22805

Ion Ratio Lower Upper

77 100

105 763.3 90.6 130.6#

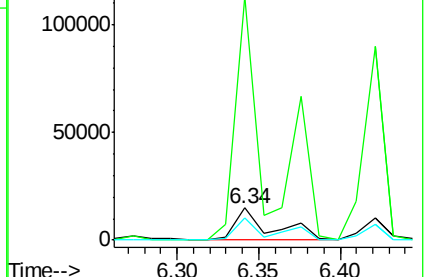
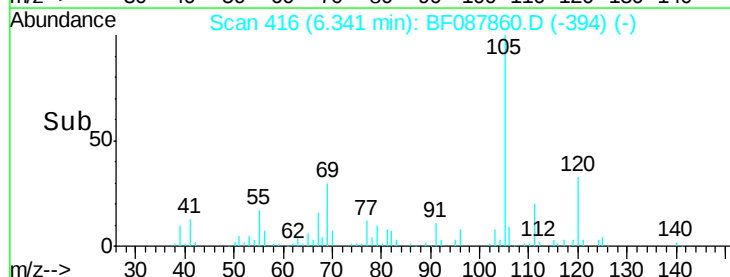
106 68.8 85.3 125.3#

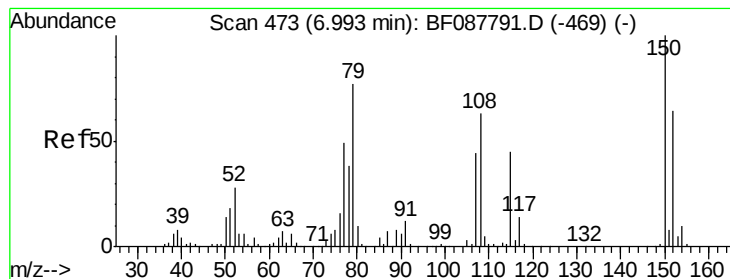


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.31 ng

RT: 6.98 min Scan# 472

Delta R.T. -0.01 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

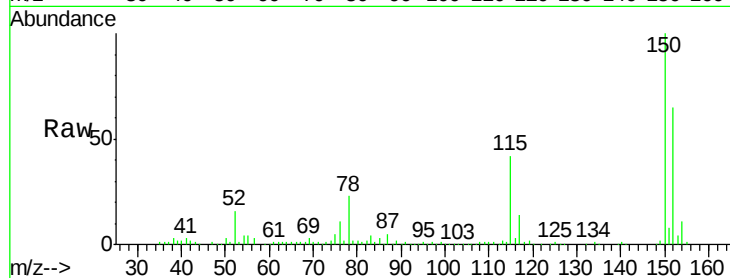
Tgt Ion: 79 Resp: 16791

Ion Ratio Lower Upper

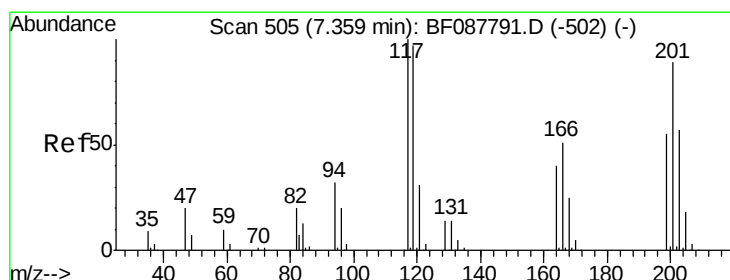
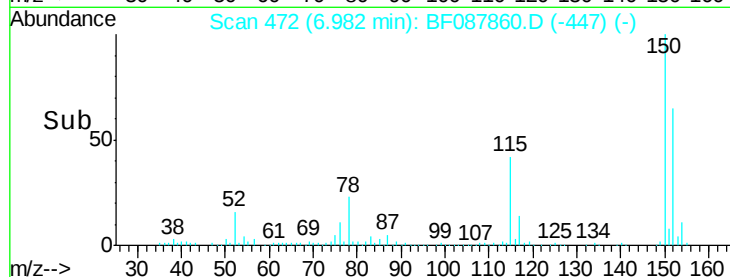
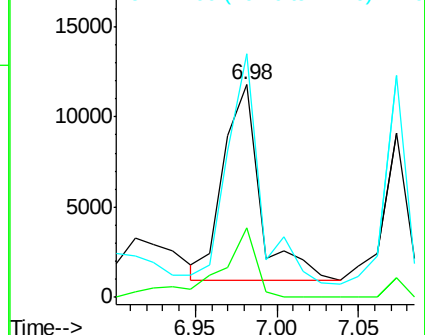
79 100

108 32.5 65.0 97.6#

77 114.7 50.3 75.5#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): B
Ion 77.00 (76.70 to 77.70): BF0



#18

Hexachloroethane

Concen: 18.79 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.00 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

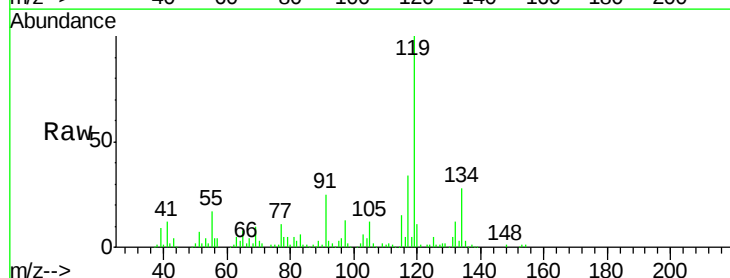
Tgt Ion: 117 Resp: 65521

Ion Ratio Lower Upper

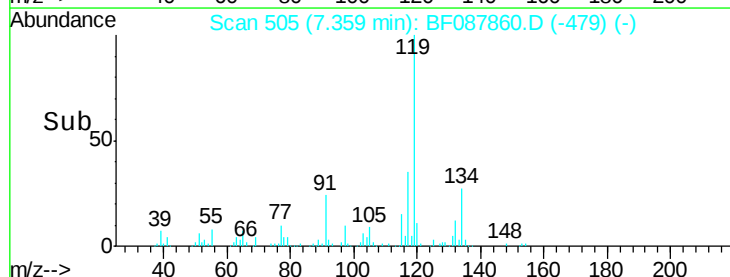
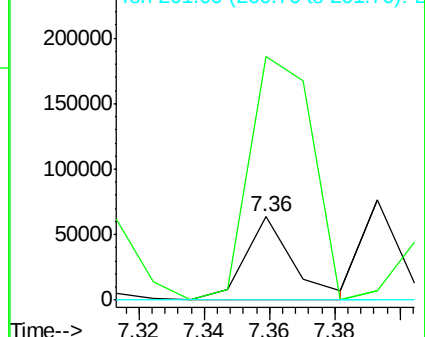
117 100

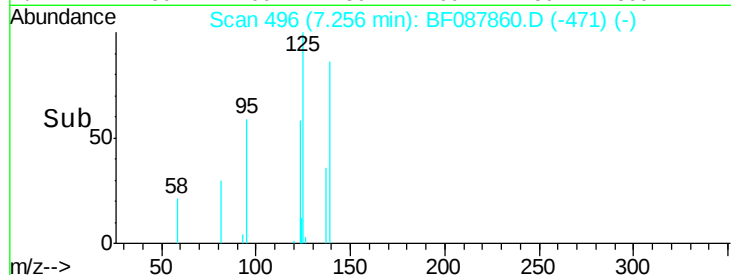
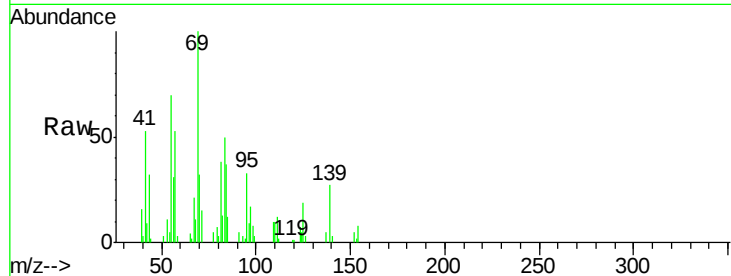
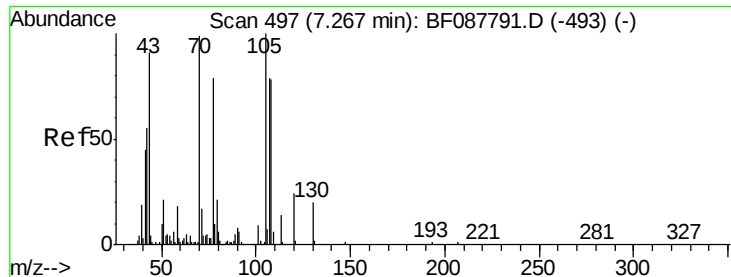
119 293.1 77.4 116.2#

201 0.0 80.4 120.6#



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

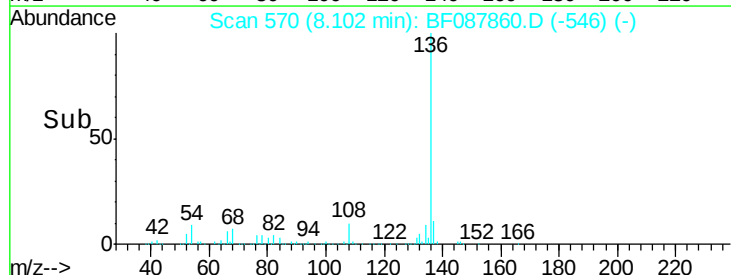
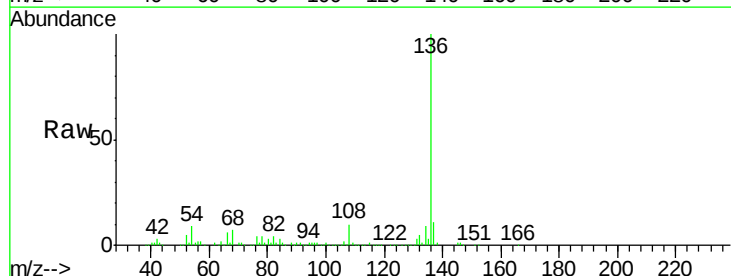
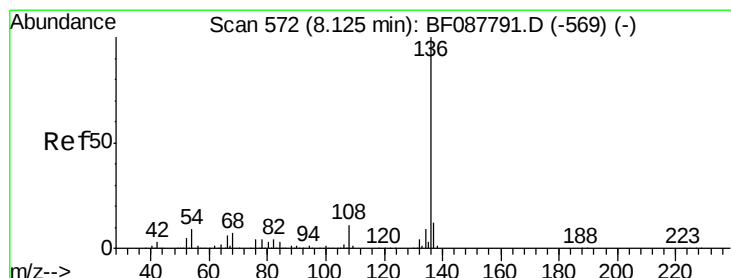
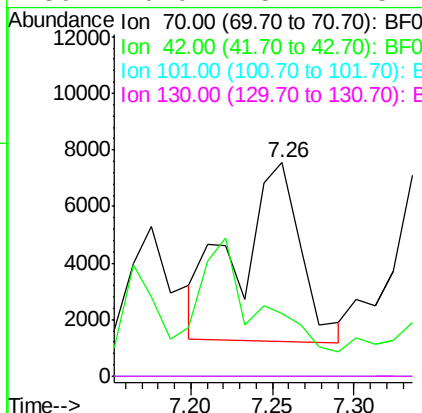




#19
n-Nitroso-di-n-propylamine
Concen: 2.82 ng
RT: 7.26 min Scan# 496
Delta R.T. -0.01 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

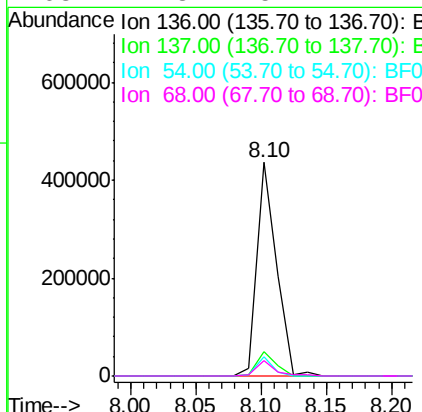
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)C

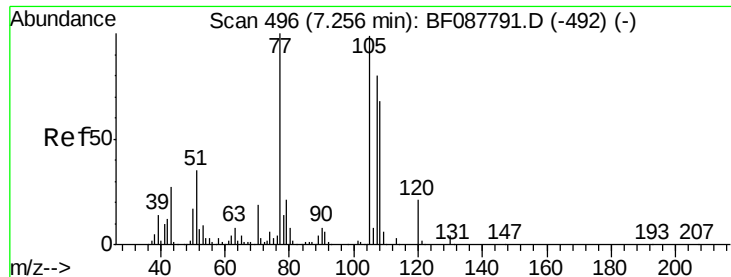
Tgt Ion: 70 Resp: 16798
Ion Ratio Lower Upper
70 100
42 29.2 49.6 74.4#
101 0.0 7.1 10.7#
130 0.0 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 570
Delta R.T. -0.02 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

Tgt Ion: 136 Resp: 459091
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 9.0 6.6 10.0
68 7.3 5.1 7.7





#22

Acetophenone

Concen: 2.49 ng

RT: 7.22 min Scan# 493

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

Tgt Ion:105 Resp: 25558

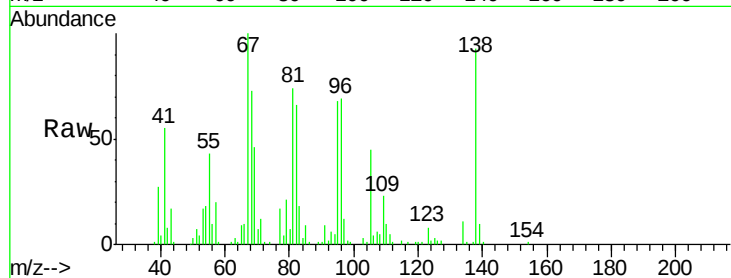
Ion Ratio Lower Upper

105 100

71 25.7 5.3 7.9#

51 15.9 18.2 27.4#

120 1.8 18.0 27.0#



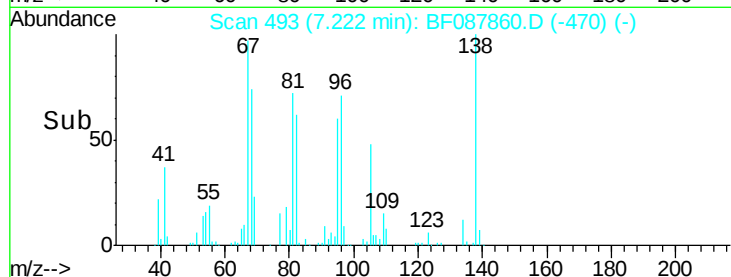
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Abundance

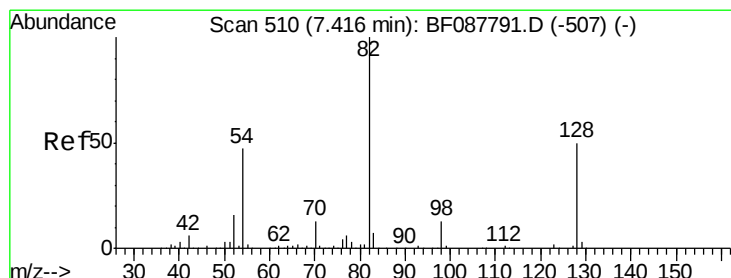
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



#23

Nitrobenzene-d5

Concen: 86.26 ng

RT: 7.39 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

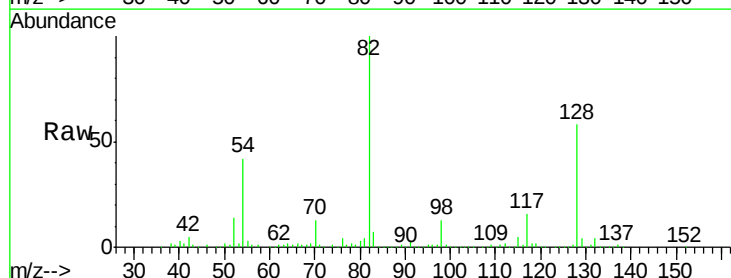
Tgt Ion: 82 Resp: 678167

Ion Ratio Lower Upper

82 100

128 58.2 35.9 53.9#

54 41.9 40.9 61.3

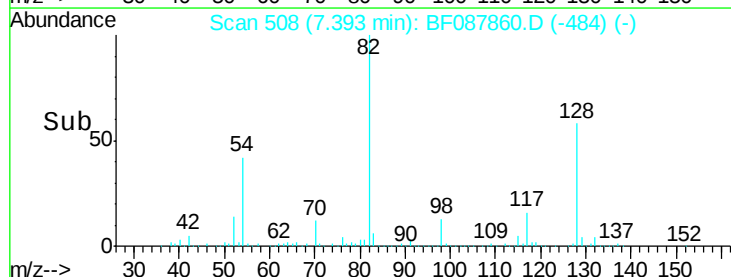


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



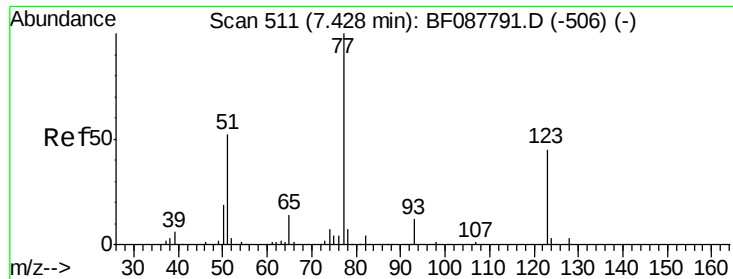
Abundance

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

Time-->



#24

Nitrobenzene

Concen: 4.17 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.07 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

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ClientSampleId :

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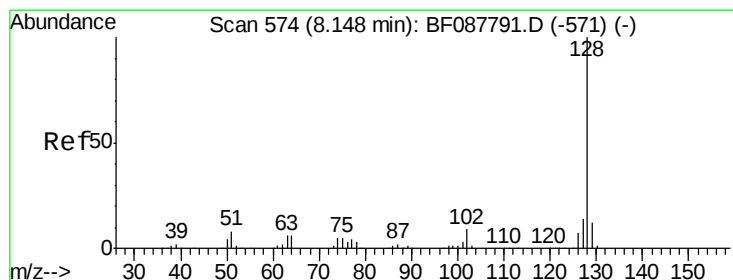
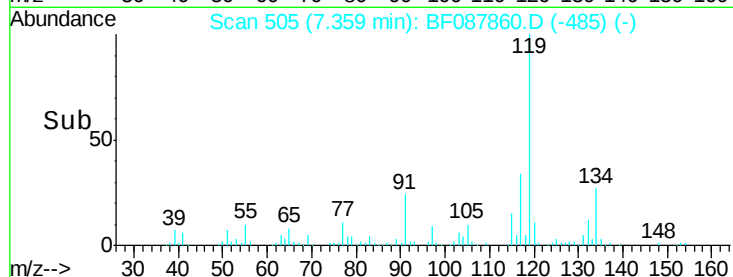
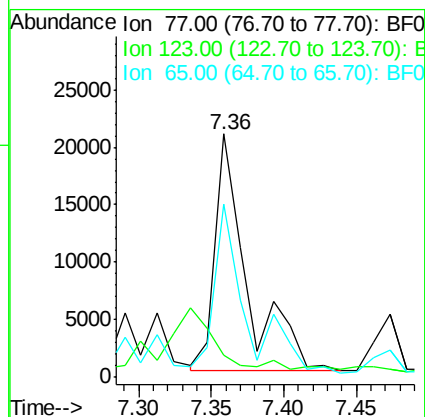
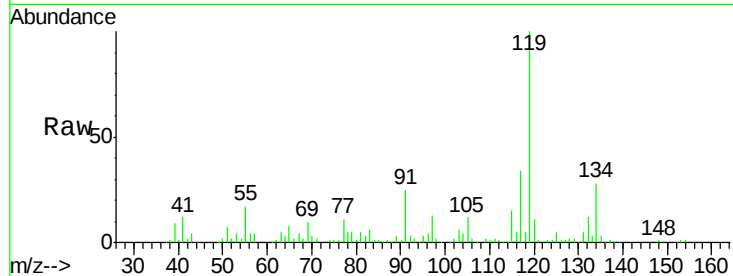
Tgt Ion: 77 Resp: 31764

Ion Ratio Lower Upper

77 100

123 9.1 45.0 67.4#

65 70.9 10.2 15.2#



#31

Naphthalene

Concen: 5.01 ng

RT: 8.12 min Scan# 572

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

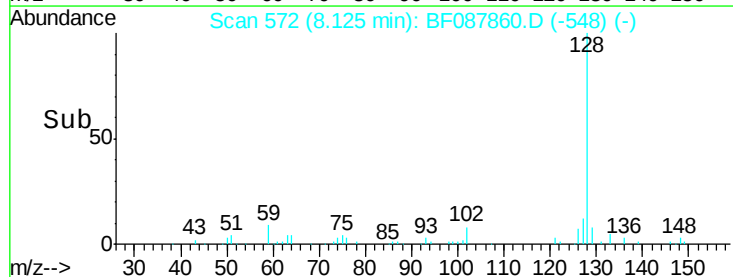
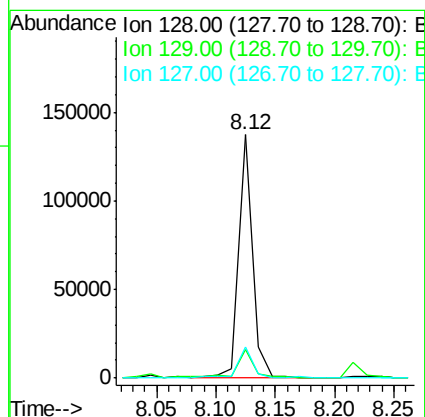
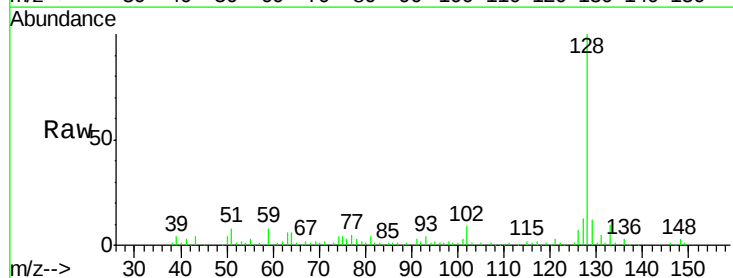
Tgt Ion: 128 Resp: 113739

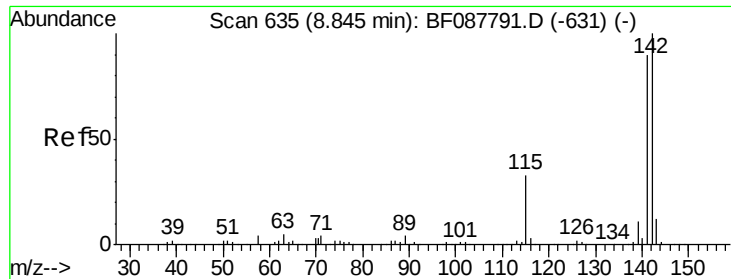
Ion Ratio Lower Upper

128 100

129 11.7 9.4 14.2

127 12.8 10.9 16.3

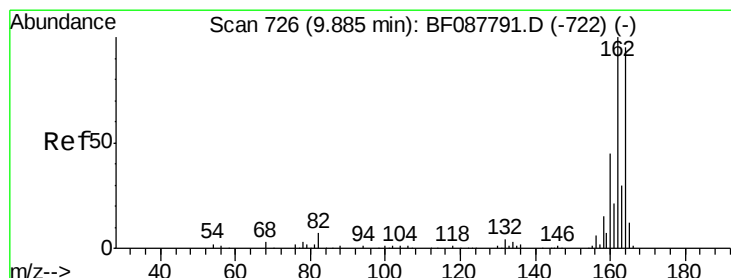
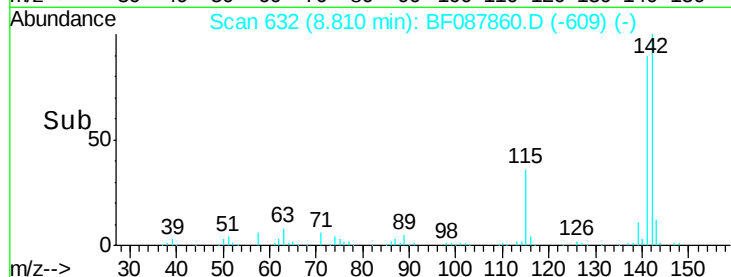
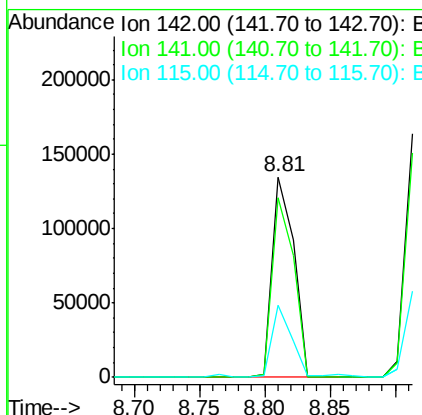
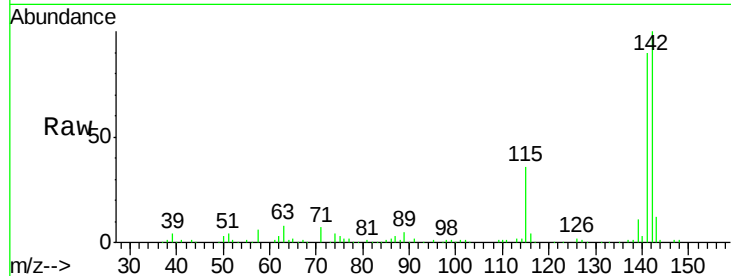




#37
 2-Methylnaphthalene
 Concen: 10.54 ng
 RT: 8.81 min Scan# 632
 Delta R.T. -0.03 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

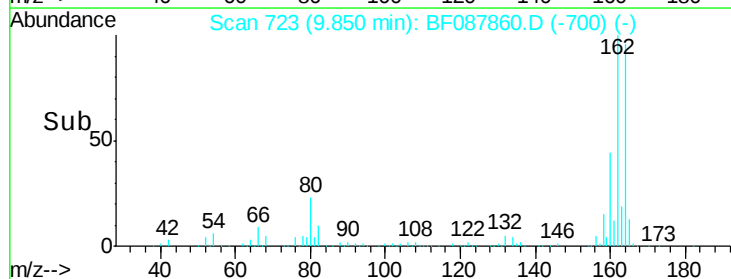
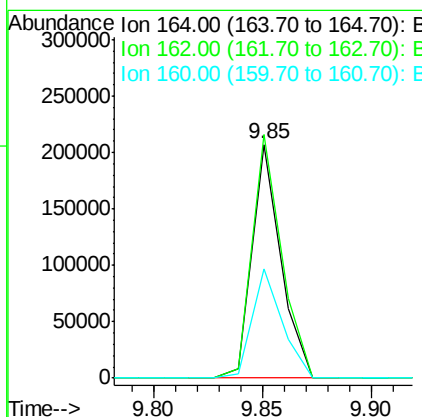
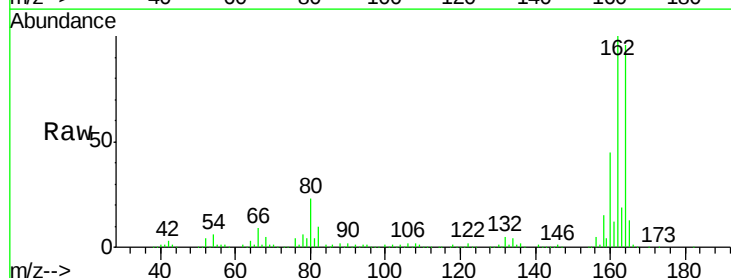
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)C

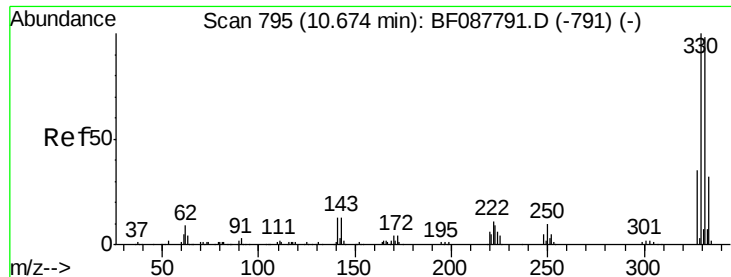
Tgt Ion:142 Resp: 157894
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.0 106.6
 115 36.0 22.6 33.8#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.03 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

Tgt Ion:164 Resp: 189542
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 46.6 39.5 59.3

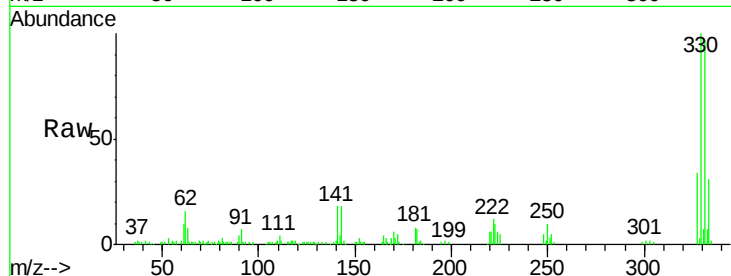




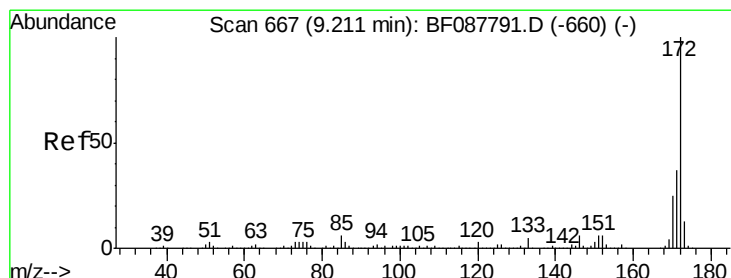
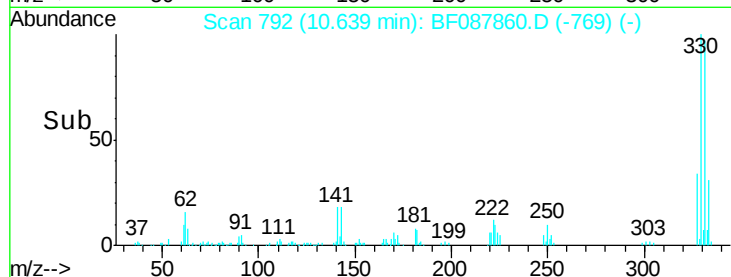
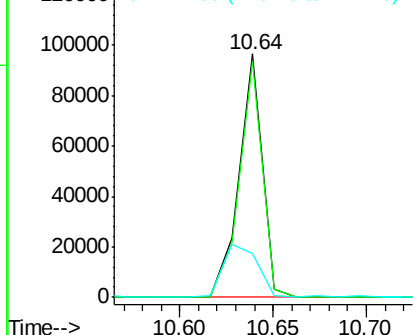
#41
 2,4,6-Tribromophenol
 Concen: 42.21 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.03 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)C

Tgt Ion:330 Resp: 84482
 Ion Ratio Lower Upper
 330 100
 332 96.2 0.0 0.0#
 141 33.9 0.0 0.0#

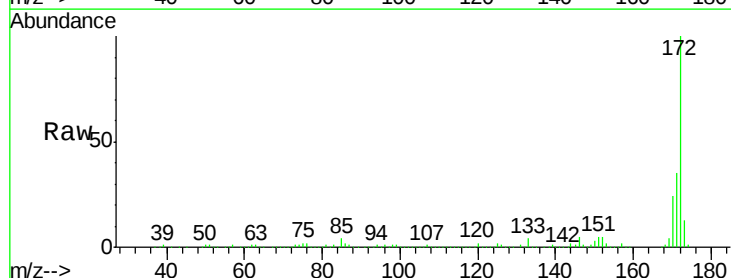


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

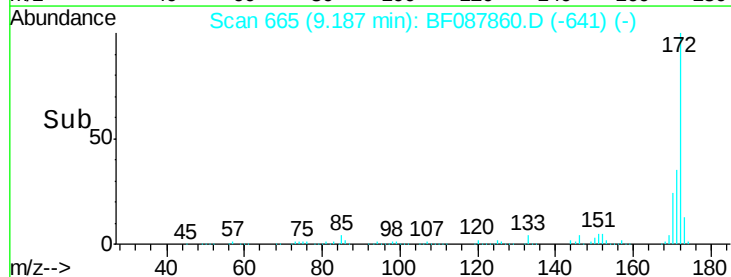
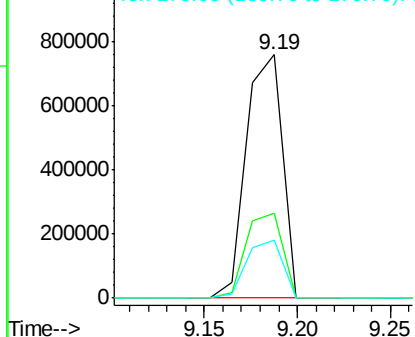


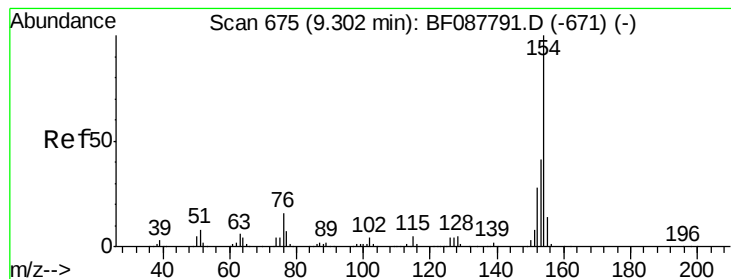
#44
 2-Fluorobiphenyl
 Concen: 83.99 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.02 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

Tgt Ion:172 Resp: 1014233
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.6 43.0
 170 23.8 19.2 28.8



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: Below Cal

RT: 9.28 min Scan# 673

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

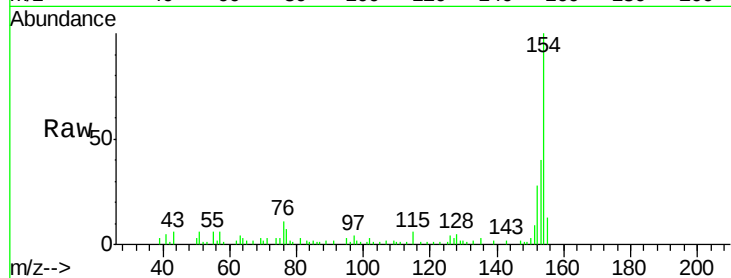
Tgt Ion:154 Resp: 25558

Ion Ratio Lower Upper

154 100

153 40.2 20.6 60.6

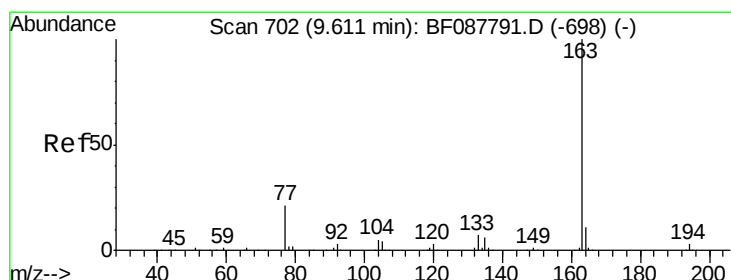
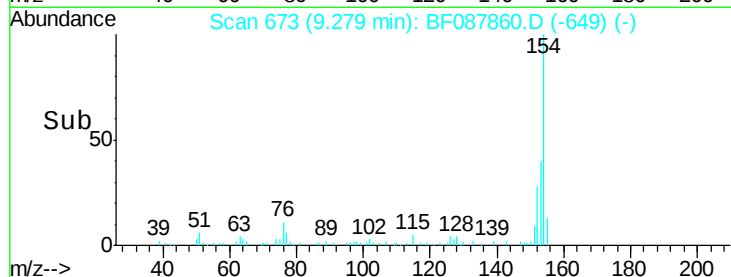
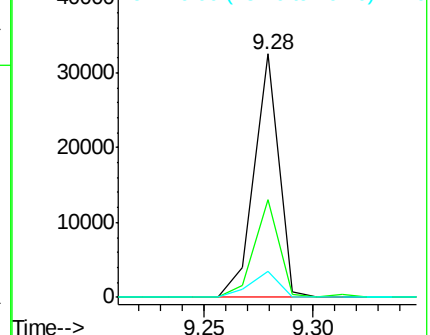
76 10.6 0.0 35.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#49

Dimethylphthalate

Concen: 6.37 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

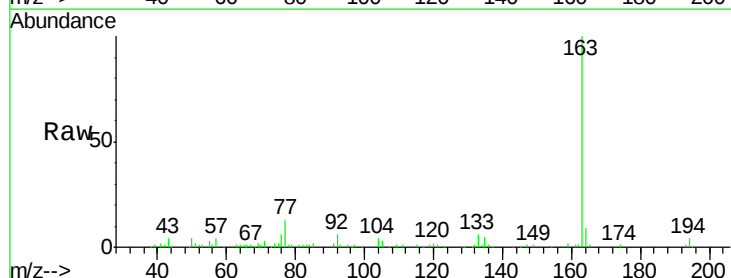
Tgt Ion:163 Resp: 87453

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

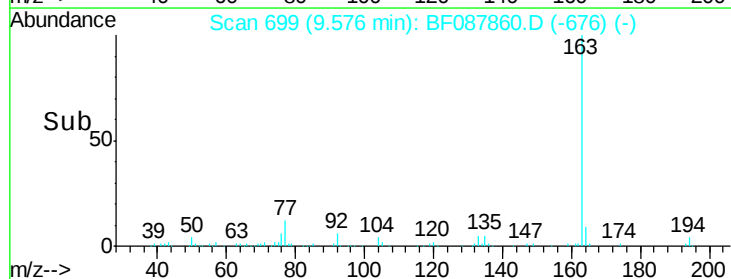
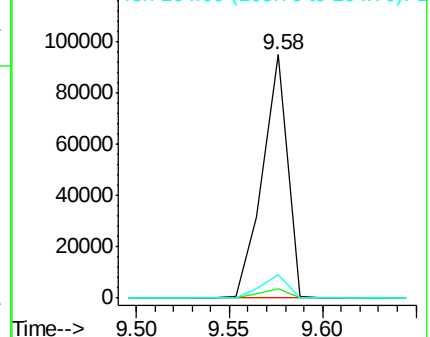
164 9.4 8.3 12.5

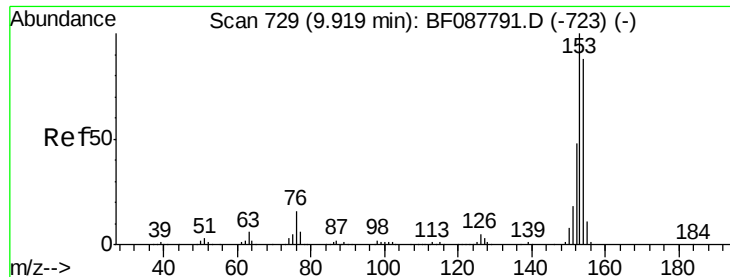


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 8.45 ng

RT: 9.88 min Scan# 726

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

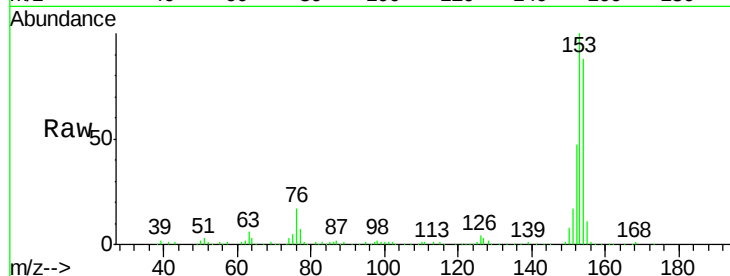
Tgt Ion:154 Resp: 102882

Ion Ratio Lower Upper

154 100

153 113.9 89.5 134.3

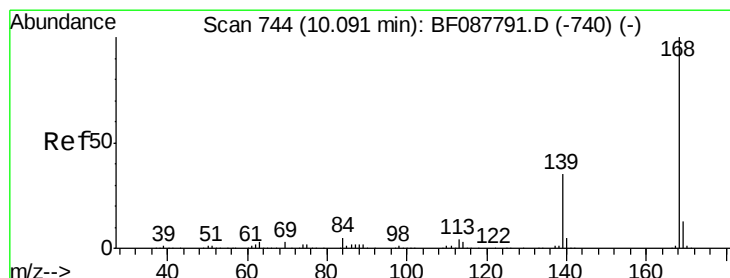
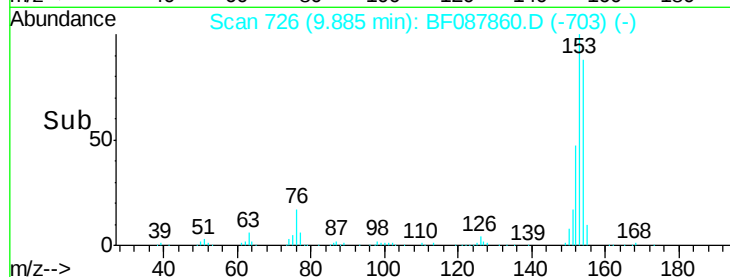
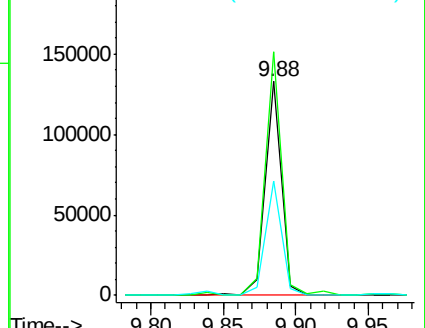
152 53.5 42.7 64.1



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

Dibenzofuran

Concen: 3.64 ng

RT: 10.06 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

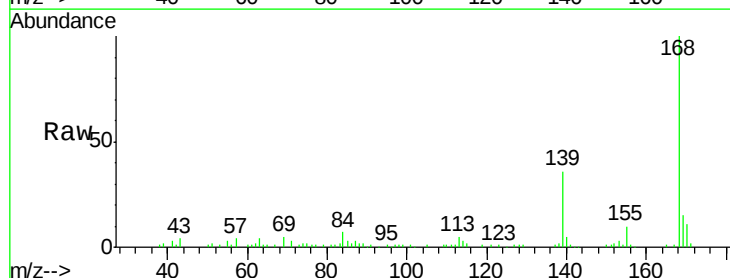
Tgt Ion:168 Resp: 61025

Ion Ratio Lower Upper

168 100

139 36.1 26.4 39.6

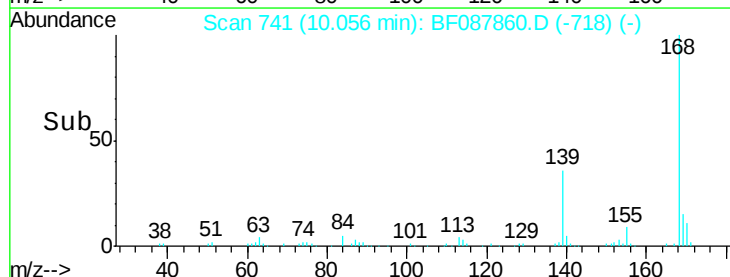
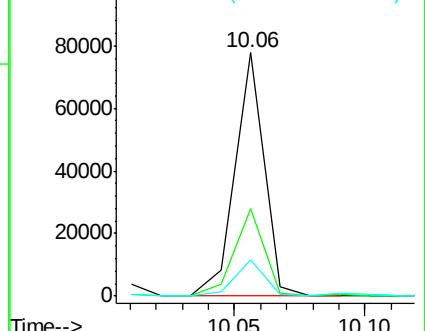
169 15.0 10.4 15.6

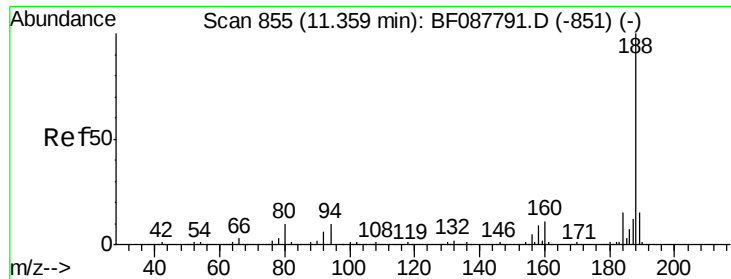


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.34 min Scan# 853

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

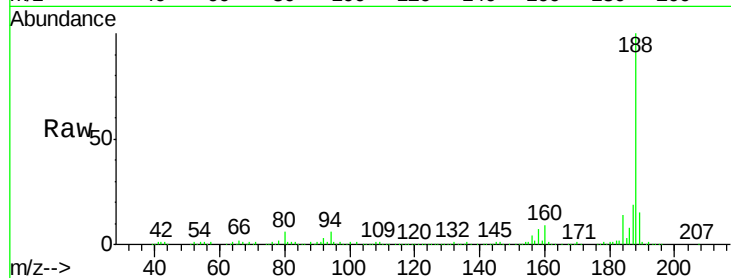
Tgt Ion:188 Resp: 298144

Ion Ratio Lower Upper

188 100

94 6.3 9.0 13.6#

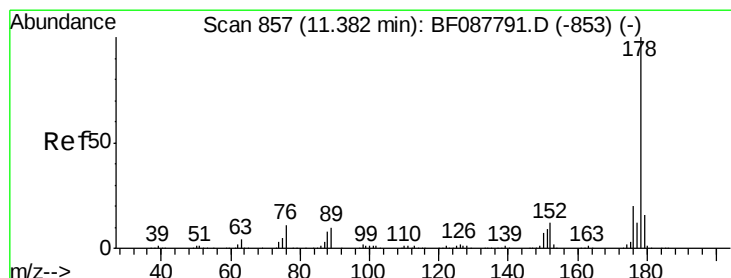
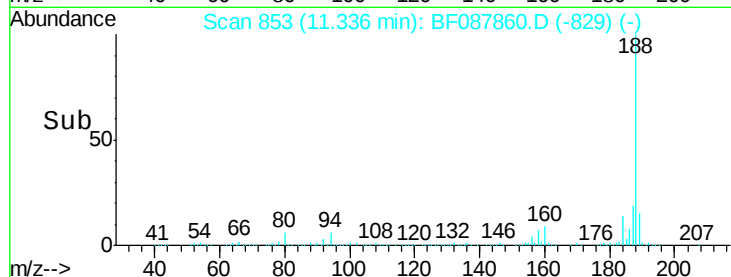
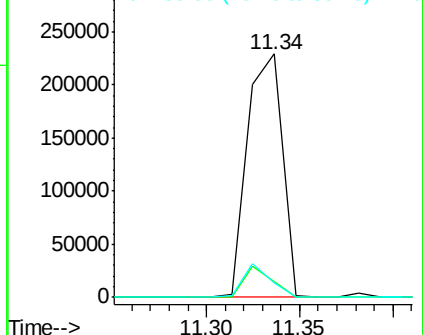
80 6.1 10.0 15.0#



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



#70

Phenanthrene

Concen: 16.03 ng

RT: 11.36 min Scan# 855

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

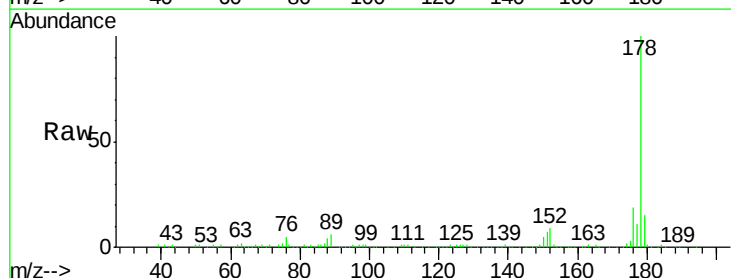
Tgt Ion:178 Resp: 250813

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

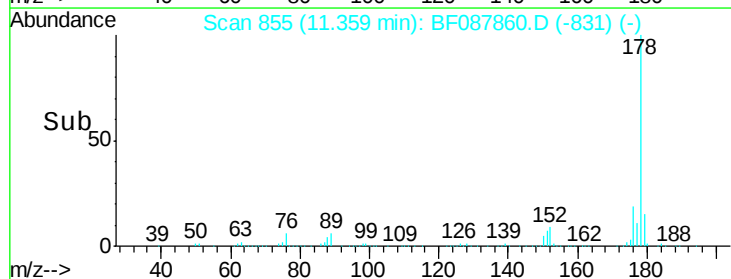
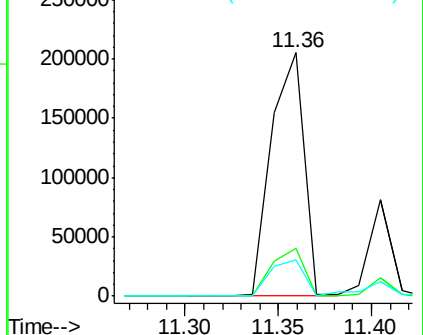
179 15.1 13.0 19.4

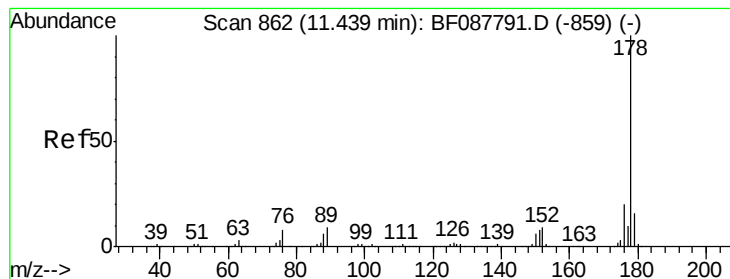


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.22 ng

RT: 11.40 min Scan# 859

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

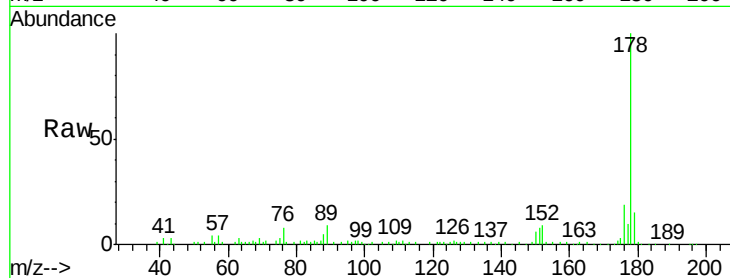
Tgt Ion:178 Resp: 66635

Ion Ratio Lower Upper

178 100

176 18.5 15.6 23.4

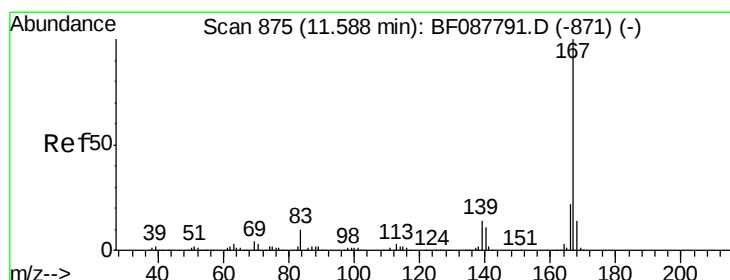
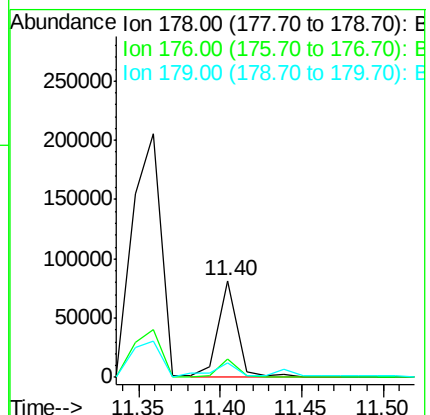
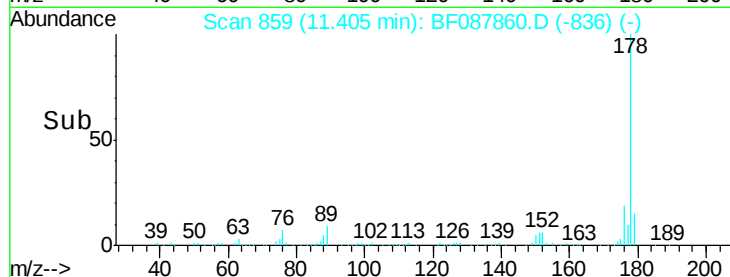
179 15.4 12.8 19.2



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



#72

Carbazole

Concen: 2.38 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

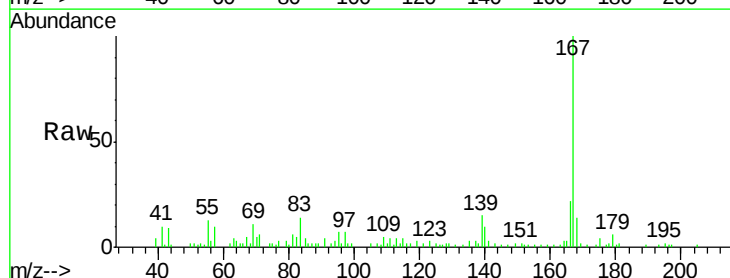
Tgt Ion:167 Resp: 35187

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

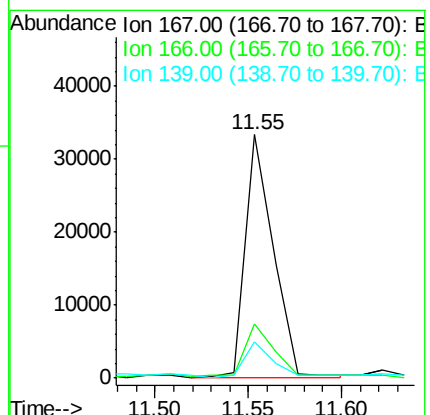
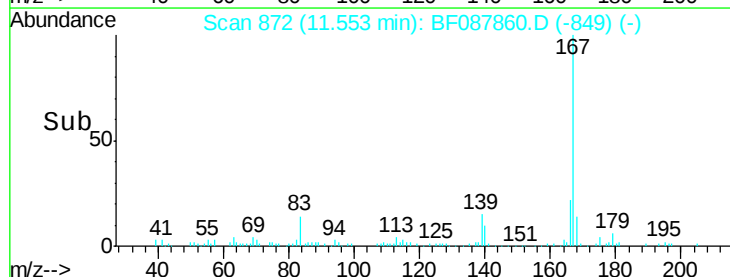
139 14.8 11.2 16.8

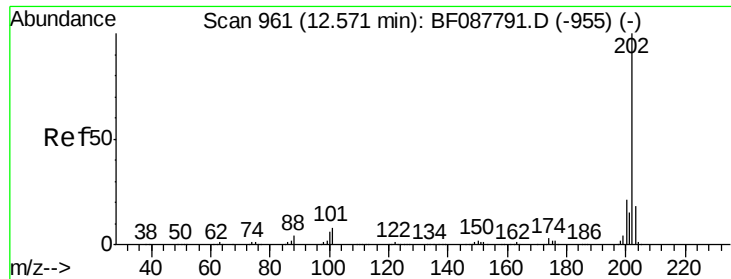


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 17.82 ng

RT: 12.54 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

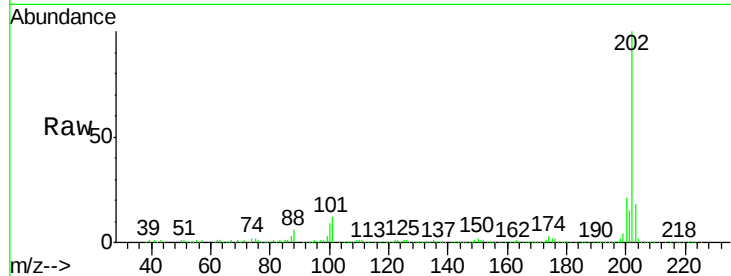
Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

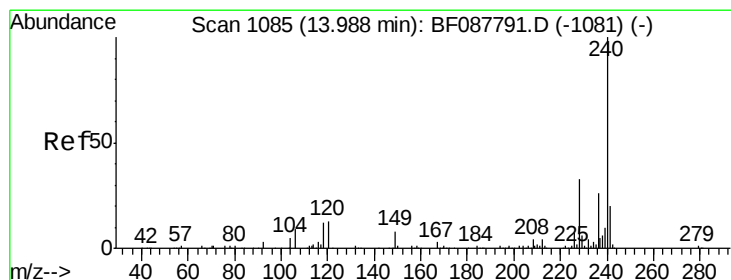
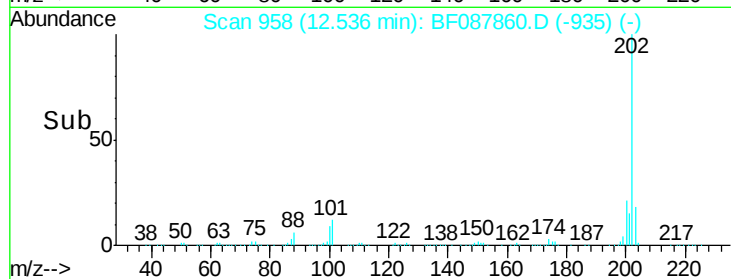
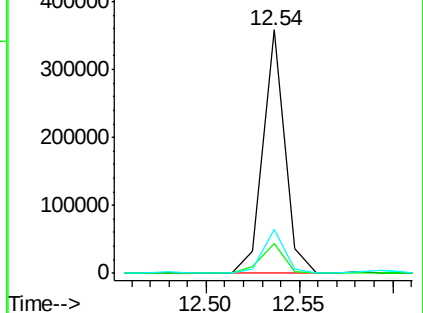
Tgt Ion:	202	Resp:	294252
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	33.1
203	17.9	0.0	38.1



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

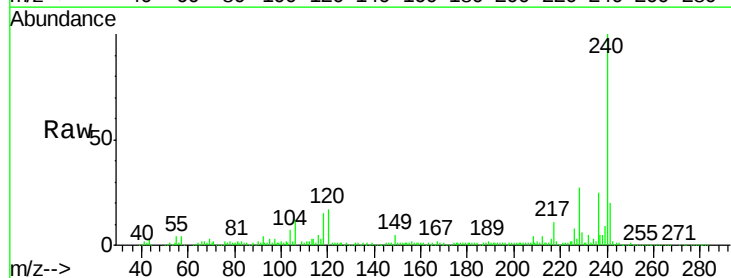
RT: 13.95 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

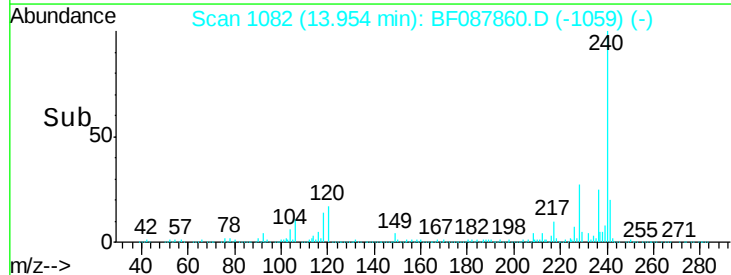
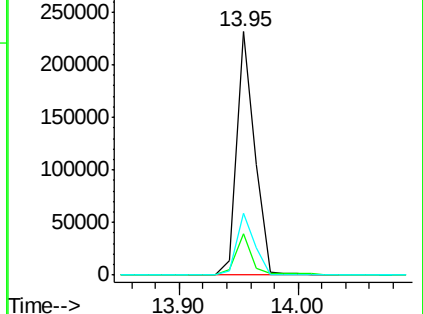
Tgt Ion:	240	Resp:	243425
Ion Ratio	Lower	Upper	
240	100		
120	17.0	6.8	10.2#
236	25.4	20.2	30.2

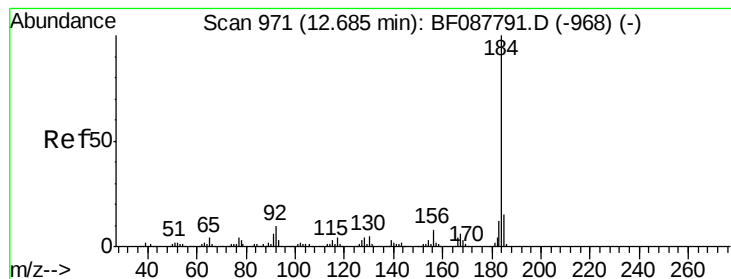


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.02 ng

RT: 12.66 min Scan# 969

Delta R.T. -0.02 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

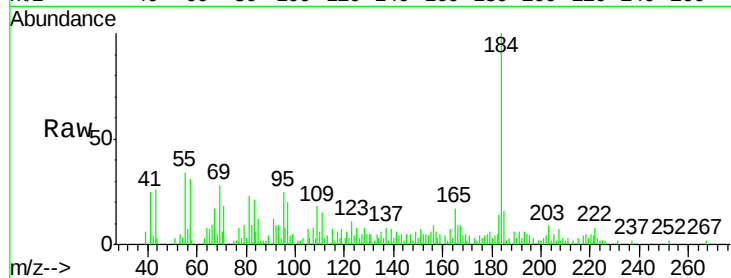
Tgt Ion:184 Resp: 20347

Ion Ratio Lower Upper

184 100

185 16.0 12.5 18.7

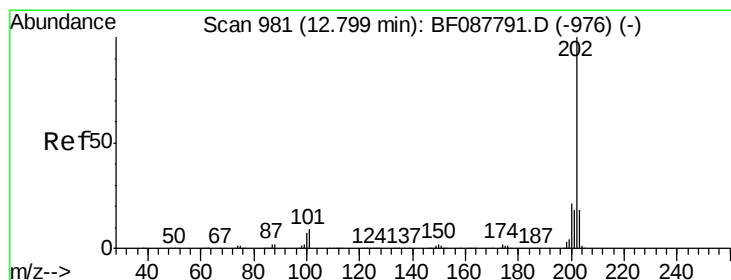
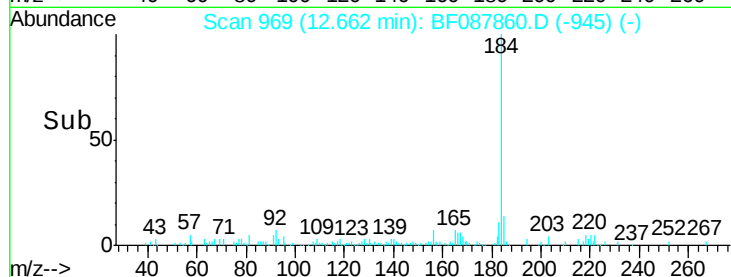
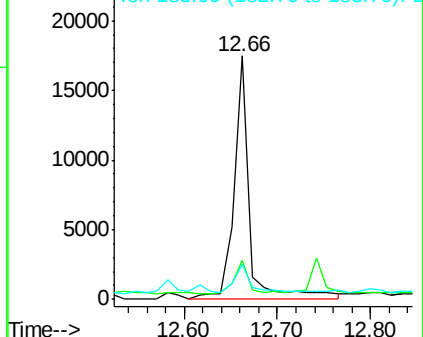
183 14.1 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 14.36 ng

RT: 12.76 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

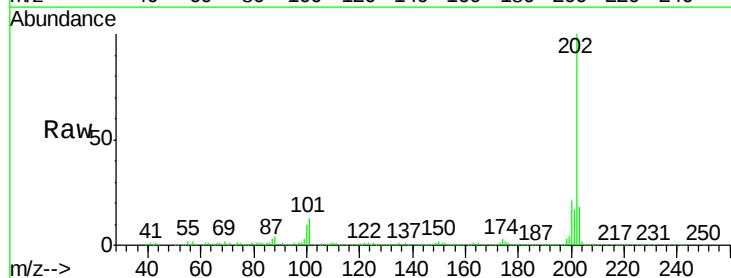
Tgt Ion:202 Resp: 259479

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

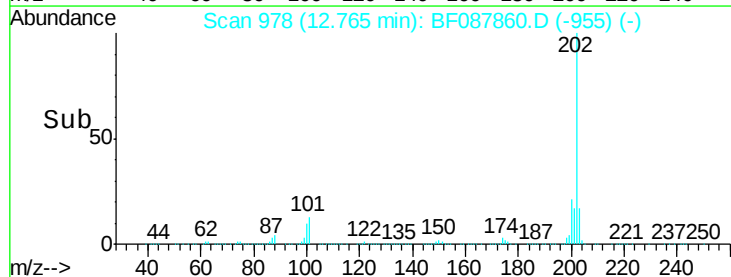
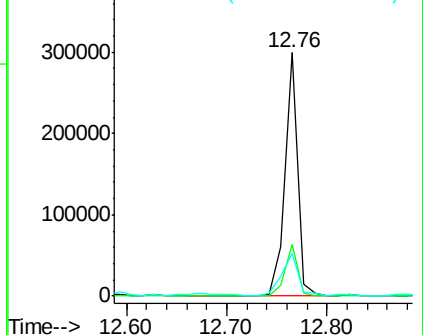
203 17.8 14.5 21.7

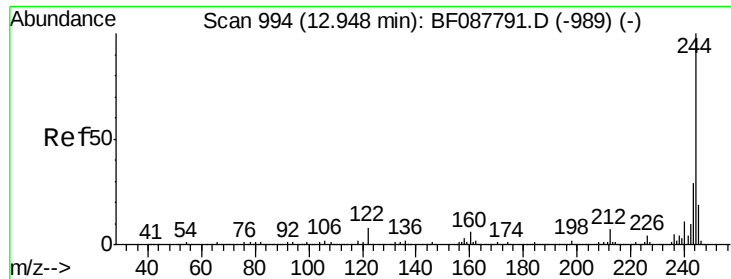


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

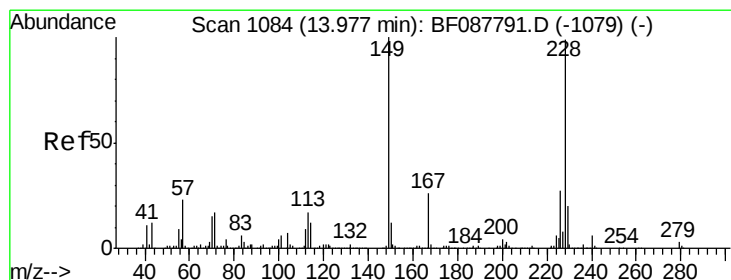
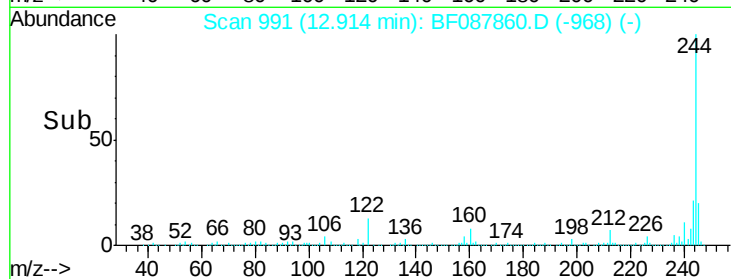
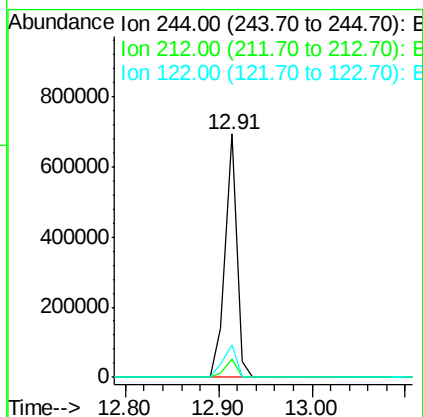
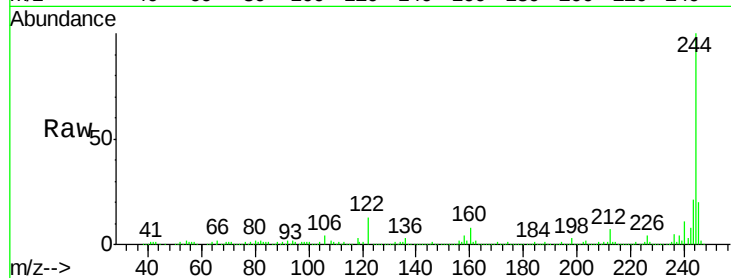




#78
 Terphenyl-d14
 Concen: 56.91 ng
 RT: 12.91 min Scan# 991
 Delta R.T. -0.03 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

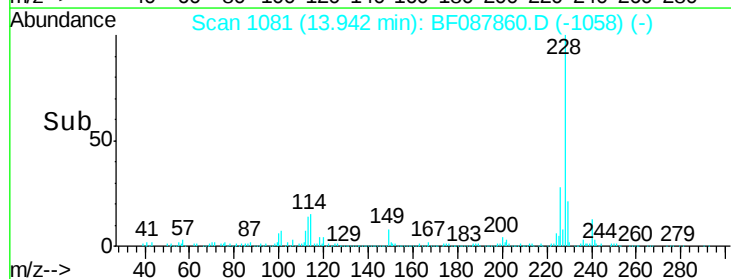
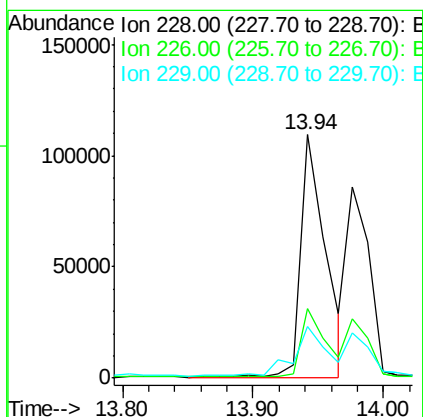
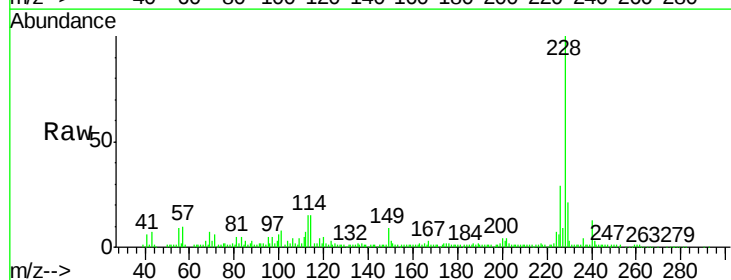
Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)C

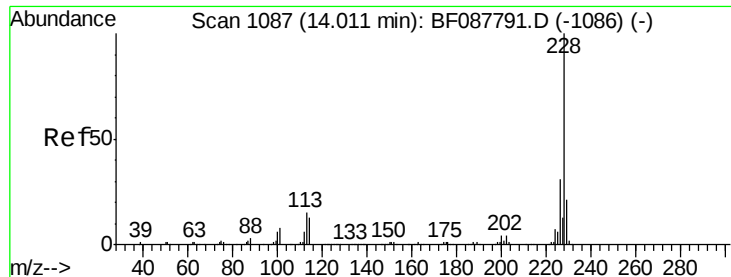
Tgt Ion:244 Resp: 608765
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 13.1 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 10.36 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.03 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

Tgt Ion:228 Resp: 143690
 Ion Ratio Lower Upper
 228 100
 226 28.6 22.3 33.5
 229 21.4 16.0 24.0





#82

Chrysene

Concen: 11.01 ng

RT: 13.94 min Scan# 1081

Delta R.T. -0.07 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

Instrument :

BNA_F

ClientSampleId :

U5-B1(0-12)C

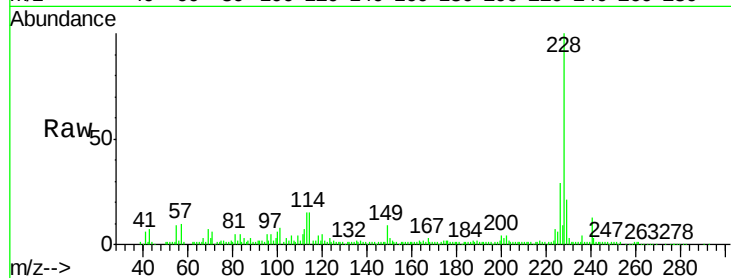
Tgt Ion:228 Resp: 143690

Ion Ratio Lower Upper

228 100

226 28.6 25.4 38.2

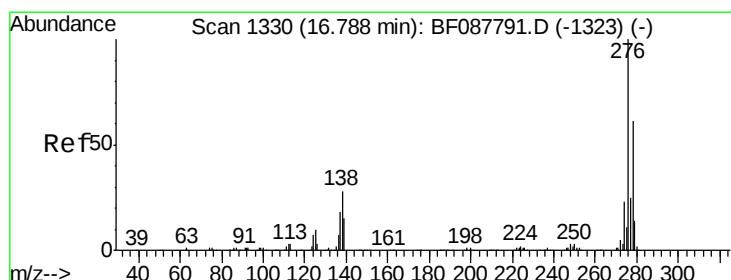
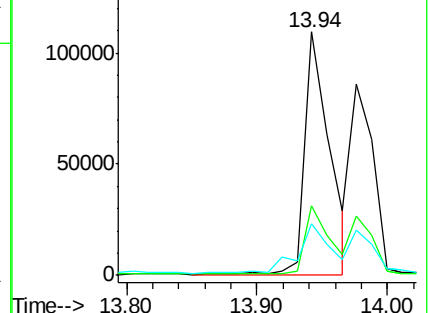
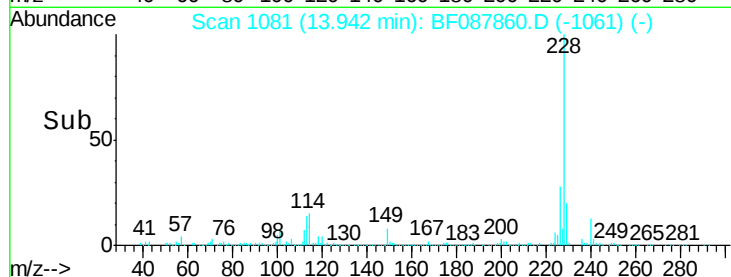
229 21.4 16.3 24.5



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: 3.53 ng

RT: 16.72 min Scan# 1324

Delta R.T. -0.07 min

Lab File: BF087860.D

Acq: 9 Jun 2016 18:55

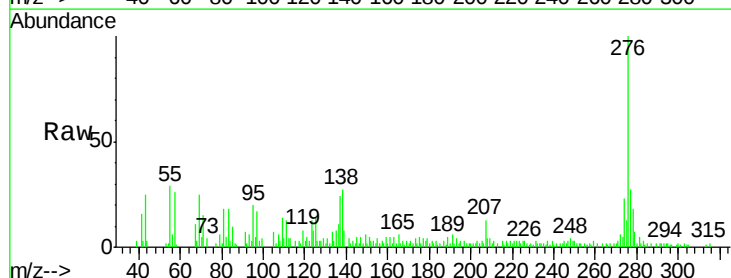
Tgt Ion:276 Resp: 42818

Ion Ratio Lower Upper

276 100

138 27.2 0.0 0.0#

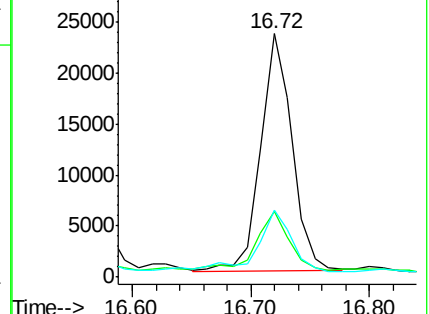
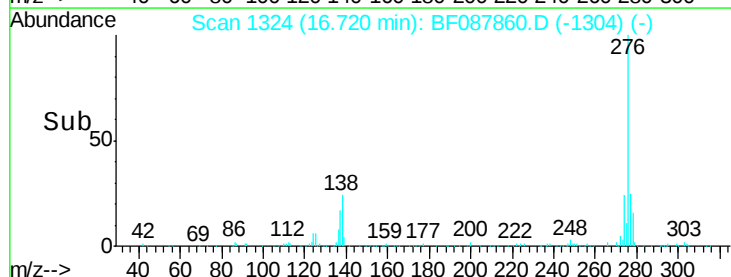
277 30.2 0.0 0.0#

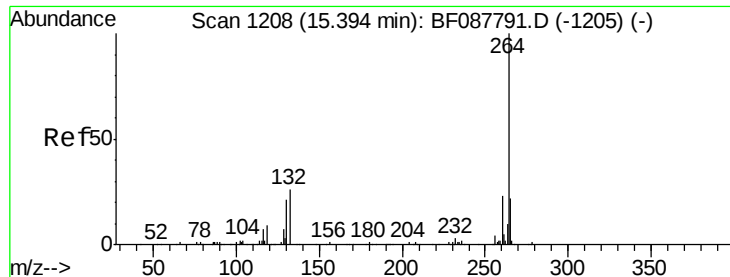


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



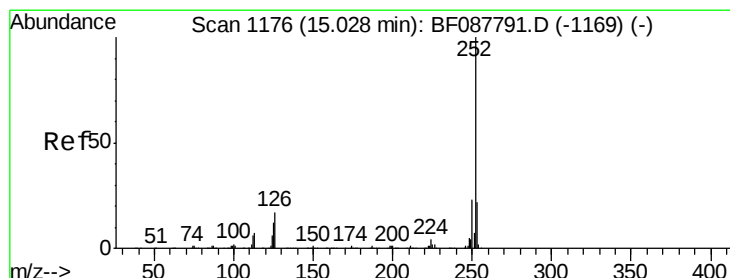
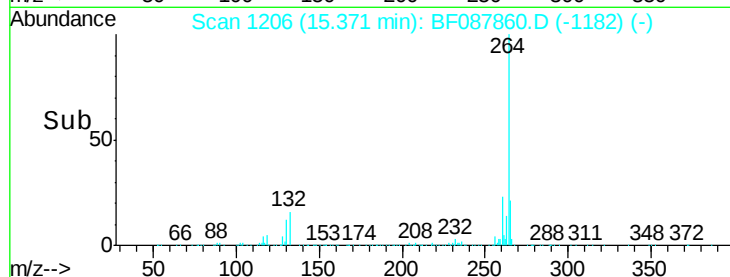
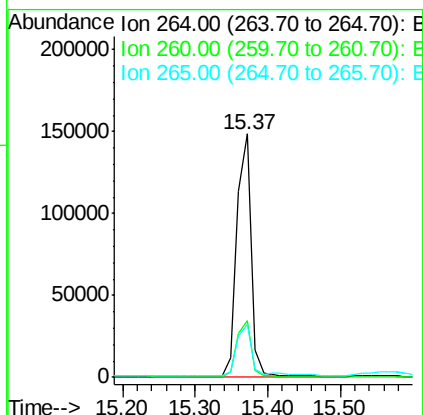
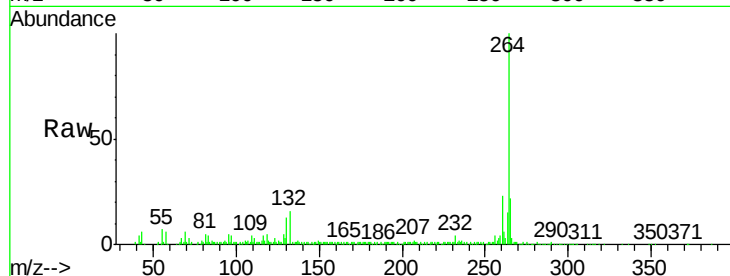


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)C

Tgt Ion: 264 Resp: 203850

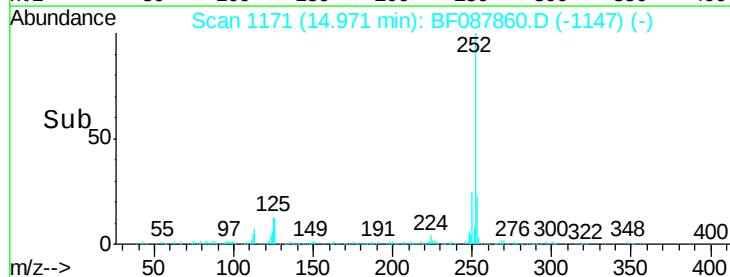
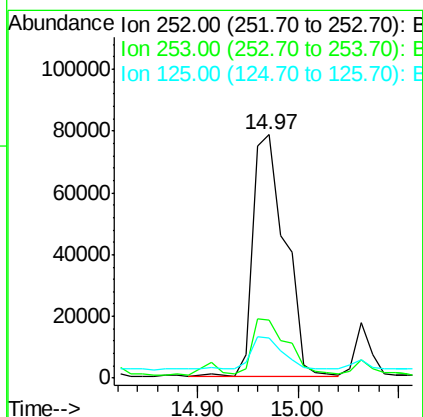
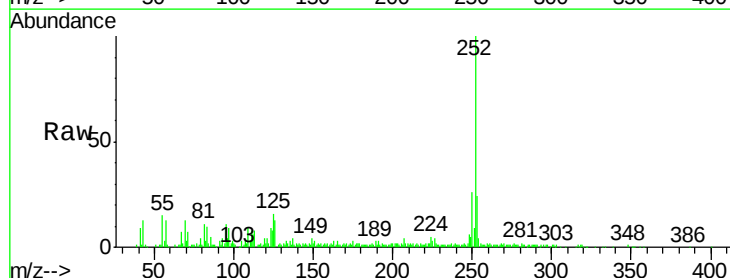
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.9	16.9	25.3

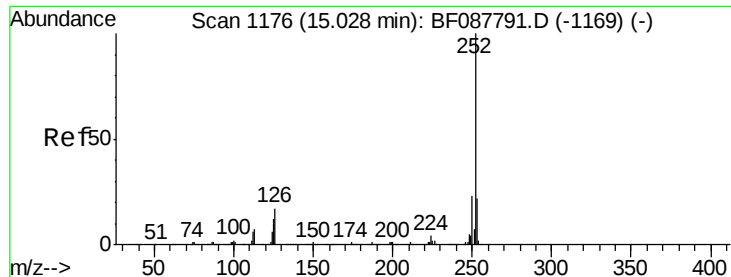


#87
Benzo(b)fluoranthene
Concen: 12.13 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.02 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

Tgt Ion: 252 Resp: 172364

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	16.3	7.1	10.7

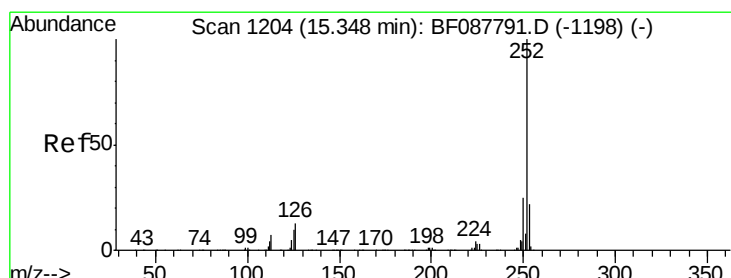
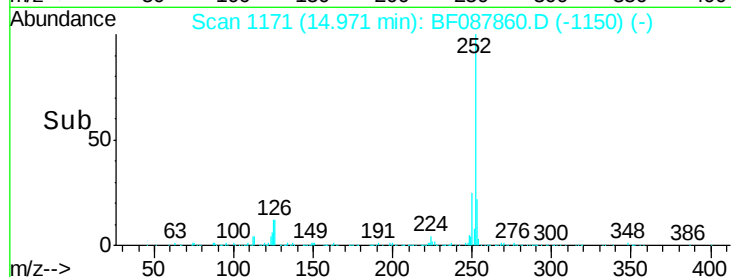
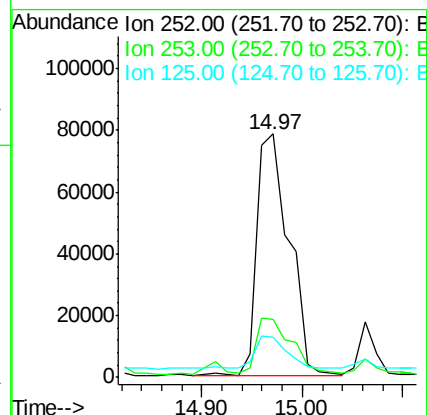
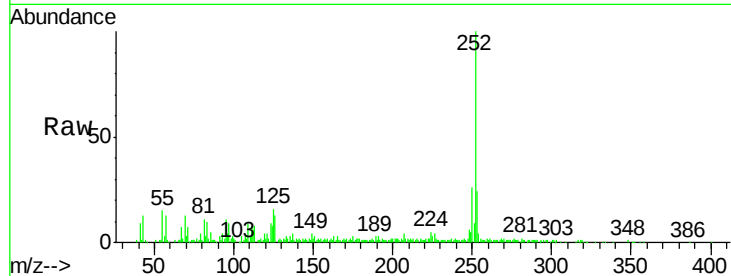




#88
Benzo(k)fluoranthene
Concen: 16.08 ng
RT: 14.97 min Scan# 1171
Delta R.T. -0.06 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

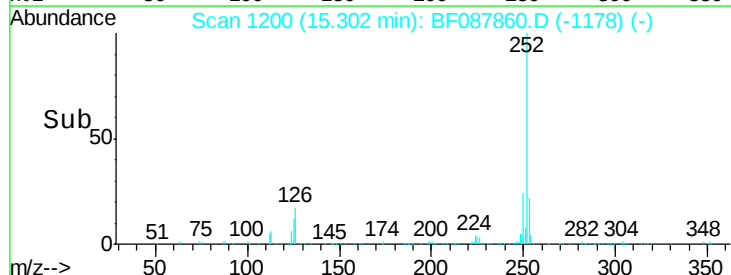
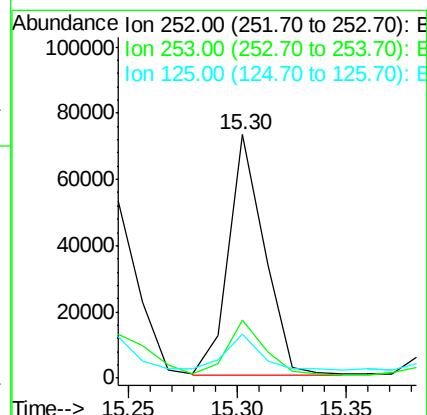
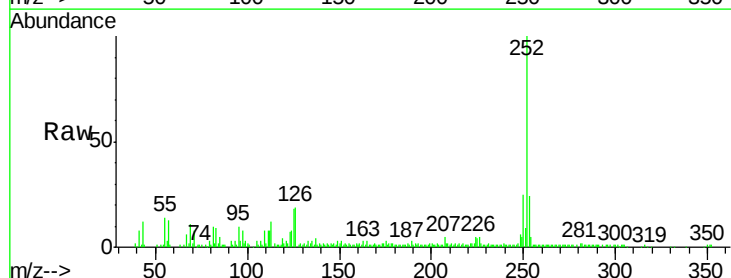
Instrument :
BNA_F
ClientSampleId :
U5-B1(0-12)C

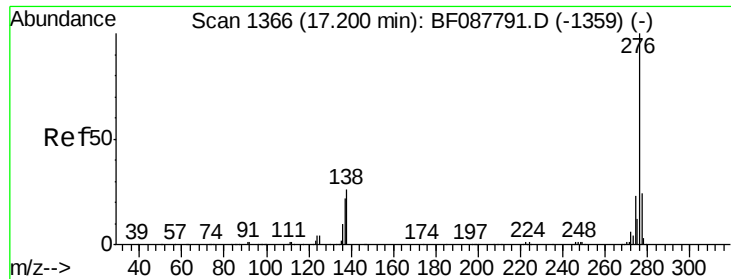
Tgt Ion:252 Resp: 172364
Ion Ratio Lower Upper
252 100
253 23.7 18.0 27.0
125 16.3 11.2 16.8



#89
Benzo(a)pyrene
Concen: 7.30 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF087860.D
Acq: 9 Jun 2016 18:55

Tgt Ion:252 Resp: 83864
Ion Ratio Lower Upper
252 100
253 23.9 17.9 26.9
125 17.9 12.5 18.7

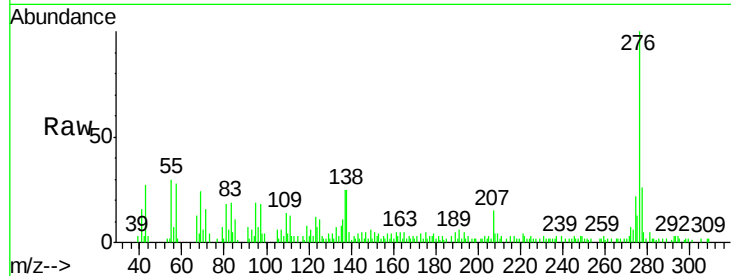




#91
 Benzo(g,h,i)perylene
 Concen: 3.83 ng
 RT: 17.13 min Scan# 1360
 Delta R.T. -0.07 min
 Lab File: BF087860.D
 Acq: 9 Jun 2016 18:55

Instrument :
 BNA_F
 ClientSampleId :
 U5-B1(0-12)C

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.5	18.9	28.3
138	24.8	21.4	32.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

