

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087753.D
 Acq On : 6 Jun 2016 15:43
 Operator : UM/SJ
 Sample : H3267-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1275+50(0-4)

Quant Time: Jun 06 17:24:27 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 11:07:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	123468	20.00	ng	-0.02
21) Naphthalene-d8	8.14	136	512713	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	203426	20.00	ng	-0.02
63) Phenanthrene-d10	11.37	188	332079	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	249535	20.00	ng	-0.01
86) Perylene-d12	15.44	264	219008	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	635367	83.18	ng	0.00
7) Phenol-d6	6.48	99	912584	95.26	ng	-0.01
23) Nitrobenzene-d5	7.42	82	591553	66.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	153039	74.95	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	909446	63.41	ng	-0.02
78) Terphenyl-d14	12.96	244	629666	61.57	ng	-0.01

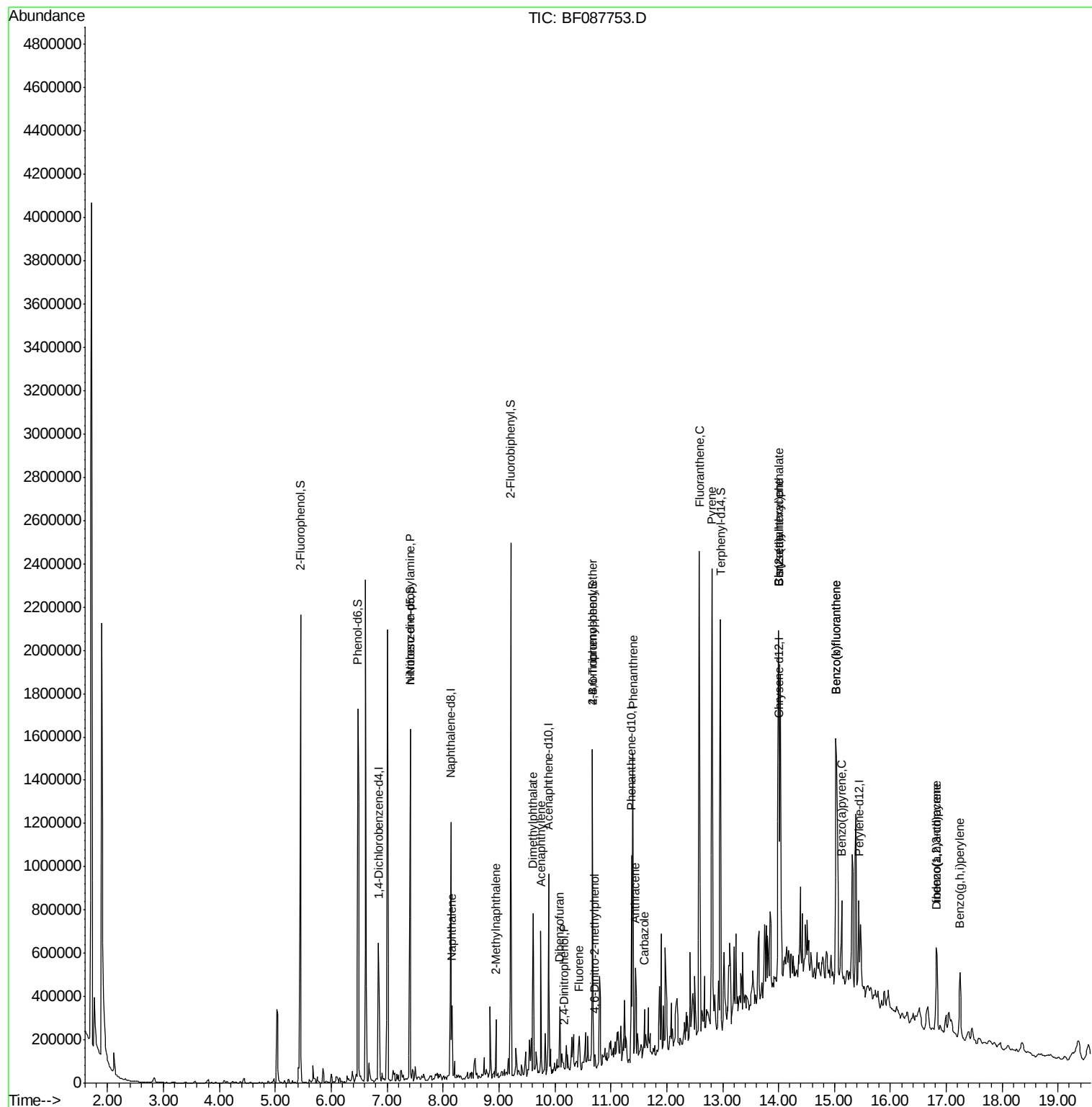
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.42	70	80926	13.53	ng	# 73
31) Naphthalene	8.16	128	160199	6.43	ng	98
37) 2-Methylnaphthalene	8.95	142	69327	4.21	ng	95
48) Acenaphthylene	9.75	152	248987	12.15	ng	99
49) Dimethylphthalate	9.61	163	296266	20.03	ng	99
53) 2,4-Dinitrophenol	10.17	184	900	4.44	ng	# 40
54) Dibenzofuran	10.09	168	67489	3.76	ng	# 89
57) Fluorene	10.43	166	41478	2.96	ng	# 91
60) 4-Chlorophenyl-phenylether	10.23	204	1170	Below Cal		# 1
64) 4,6-Dinitro-2-methylphenol	10.71	198	2208	3.16	ng	87
66) 4-Bromophenyl-phenylether	10.67	248	9419	2.86	ng	# 1
70) Phenanthrene	11.39	178	494530	27.47	ng	99
71) Anthracene	11.44	178	229740	12.73	ng	98
72) Carbazole	11.60	167	78609	4.60	ng	98
74) Fluoranthene	12.58	202	991484	55.96	ng	97
77) Pyrene	12.81	202	921188	51.84	ng	99
80) Benzo(a)anthracene	14.00	228	605733	42.06	ng	# 90
82) Chrysene	14.00	228	605733	42.26	ng	95
83) Bis(2-ethylhexyl)phthalate	14.00	149	18710	2.08	ng	# 94
85) Indeno(1,2,3-cd)pyrene	16.82	276	277184	23.39	ng	# 100
87) Benzo(b)fluoranthene	15.03	252	999870	70.18	ng	# 93
88) Benzo(k)fluoranthene	15.03	252	999870	84.35	ng	98
89) Benzo(a)pyrene	15.13	252	166436	13.90	ng	95
90) Dibenzo(a,h)anthracene	16.83	278	68718	6.74	ng	93
91) Benzo(g,h,i)perylene	17.25	276	243501	23.68	ng	98

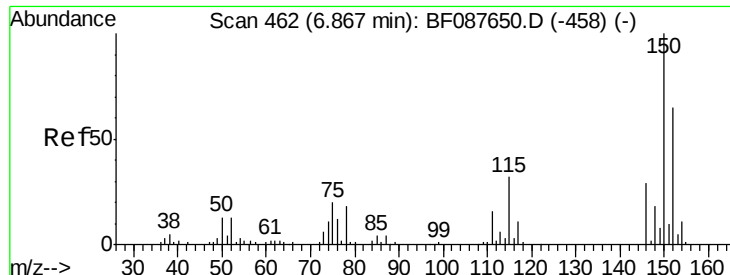
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.02 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

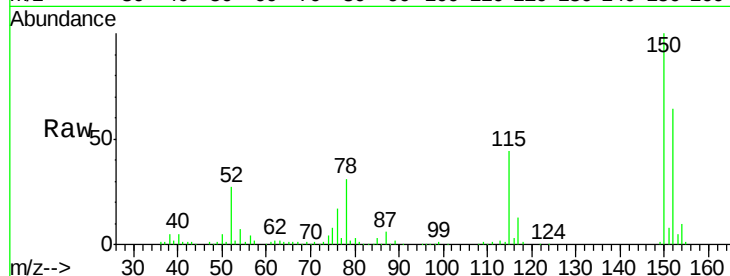
Tgt Ion:152 Resp: 123468

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

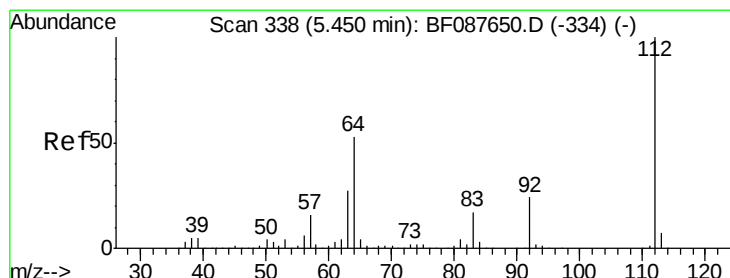
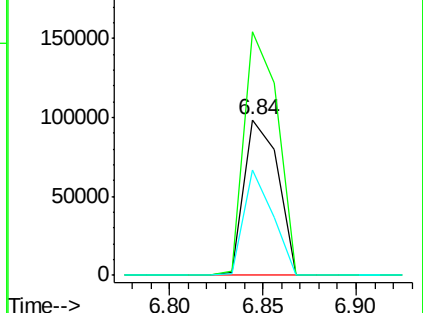
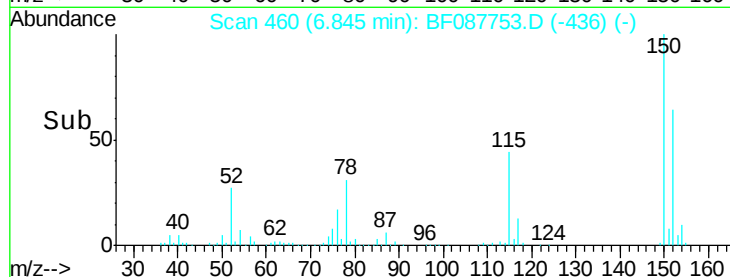
115 68.1 39.6 59.4#



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: 83.18 ng

RT: 5.45 min Scan# 338

Delta R.T. 0.00 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

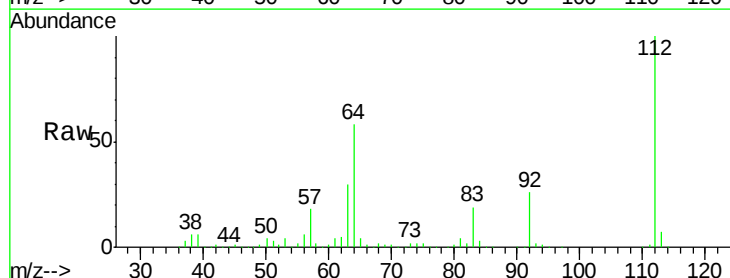
Tgt Ion:112 Resp: 635367

Ion Ratio Lower Upper

112 100

64 57.8 42.2 63.2

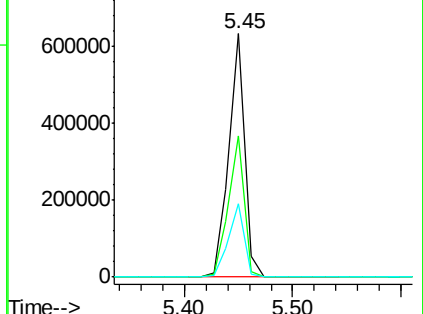
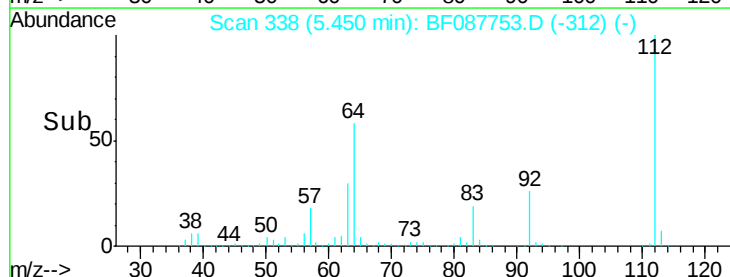
63 30.1 21.8 32.8

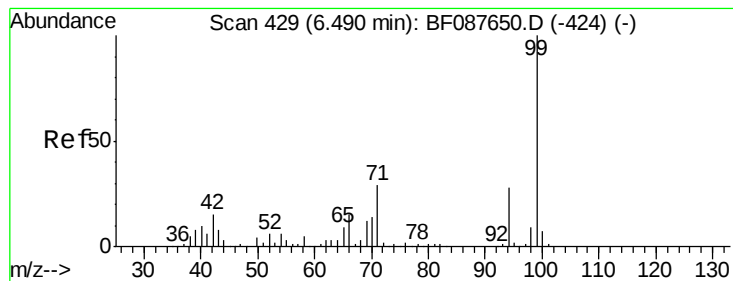


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.26 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

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ClientSampleId :

STA-TA-1275+50(0-4)

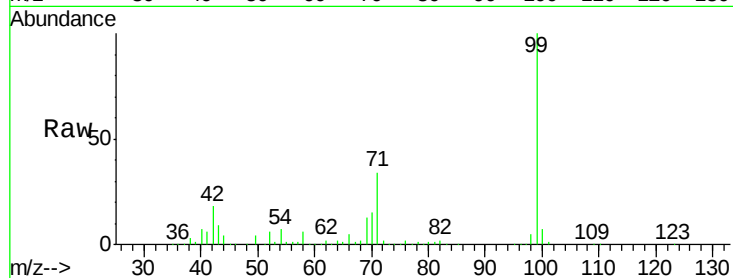
Tgt Ion: 99 Resp: 912584

Ion Ratio Lower Upper

99 100

42 17.8 12.2 18.2

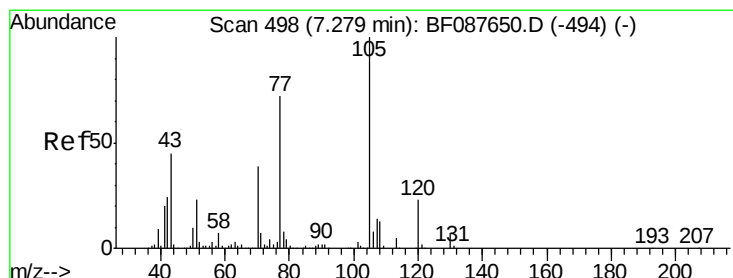
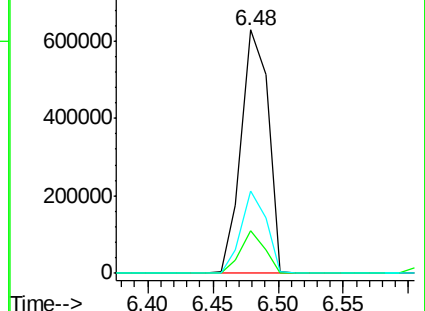
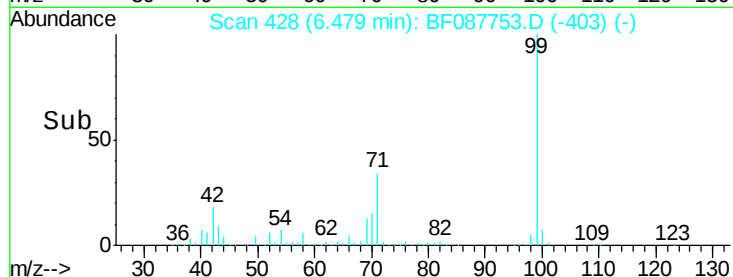
71 33.7 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.53 ng

RT: 7.42 min Scan# 510

Delta R.T. 0.14 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Tgt Ion: 70 Resp: 80926

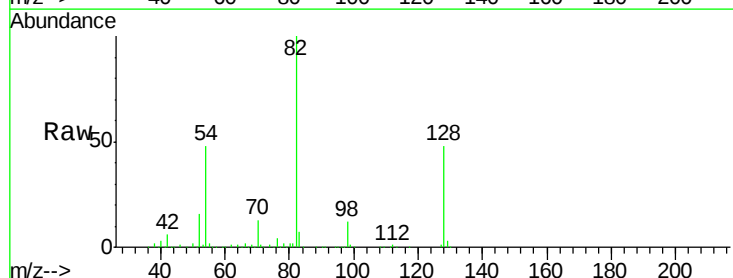
Ion Ratio Lower Upper

70 100

42 43.7 49.6 74.4#

101 0.0 7.1 10.7#

130 2.4 15.4 23.2#

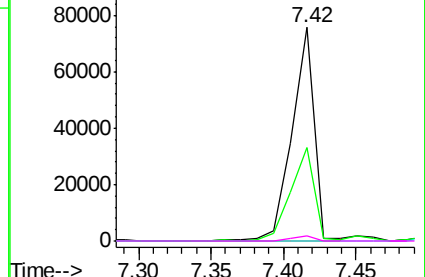
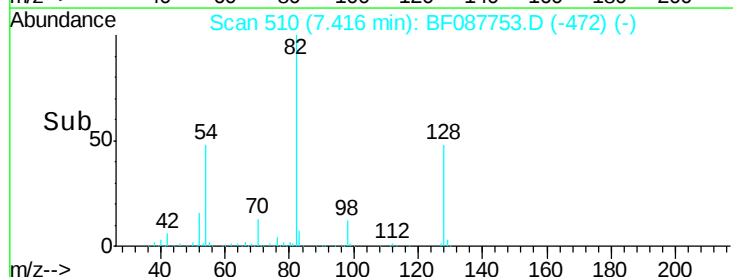


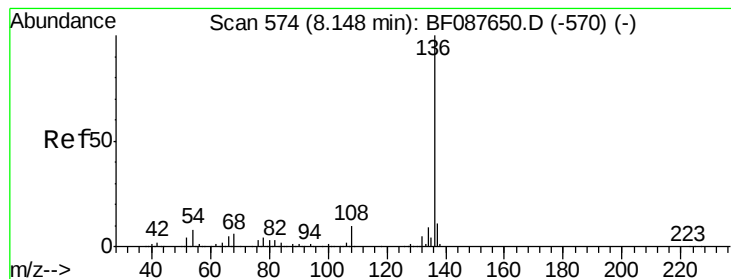
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 573

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

Tgt Ion:136 Resp: 512713

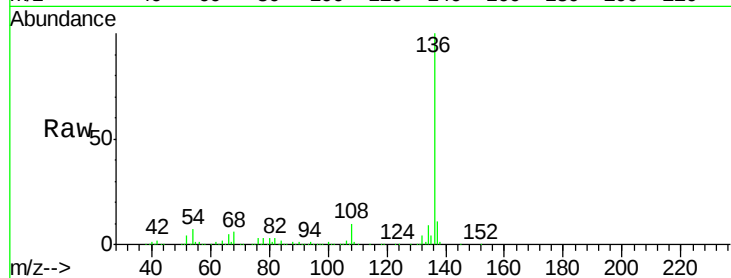
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 7.1 6.6 10.0

68 5.7 5.1 7.7

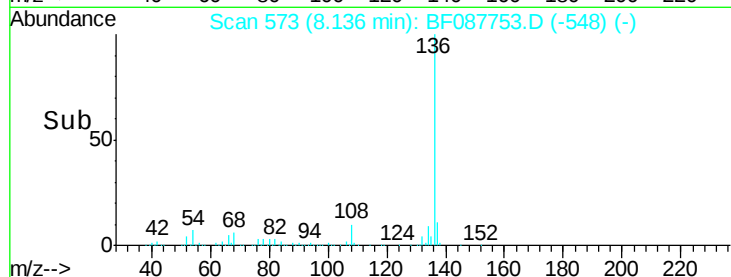


Abundance Ion 136.00 (135.70 to 136.70): E

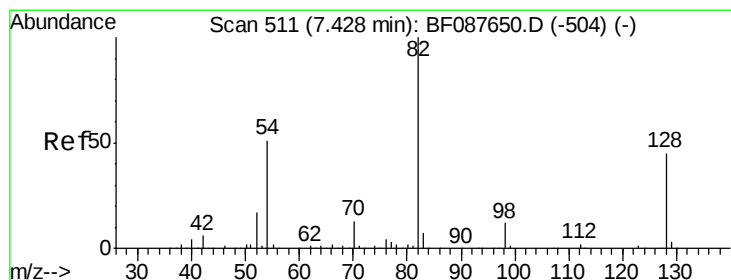
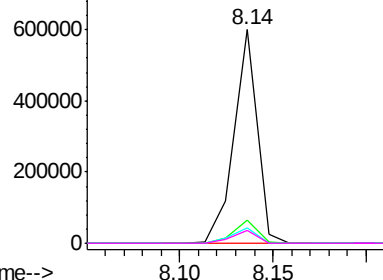
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 66.75 ng

RT: 7.42 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

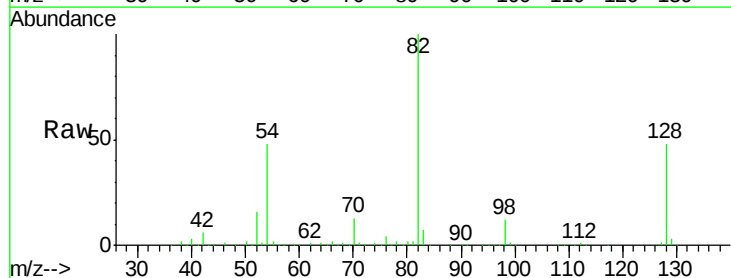
Tgt Ion: 82 Resp: 591553

Ion Ratio Lower Upper

82 100

128 48.1 35.9 53.9

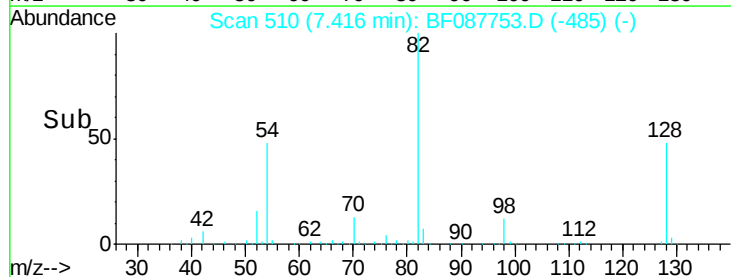
54 47.9 40.9 61.3



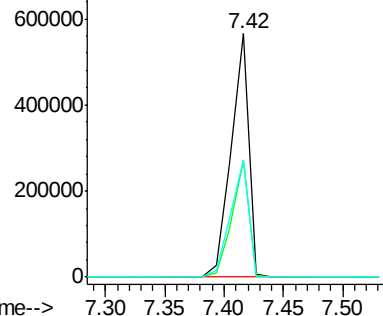
Abundance Ion 82.00 (81.70 to 82.70): BF0

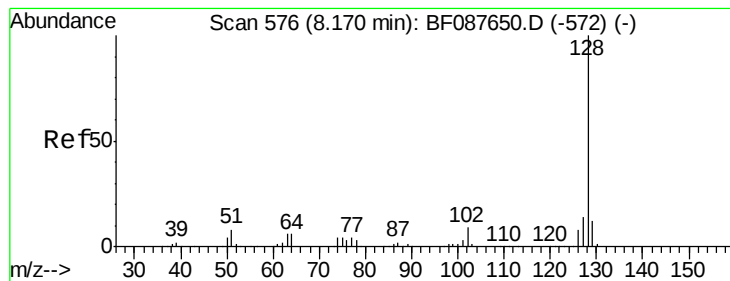
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#31

Naphthalene

Concen: 6.43 ng

RT: 8.16 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

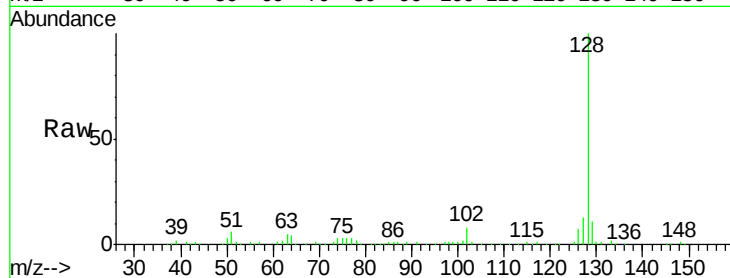
Tgt Ion:128 Resp: 160199

Ion Ratio Lower Upper

128 100

129 10.7 9.4 14.2

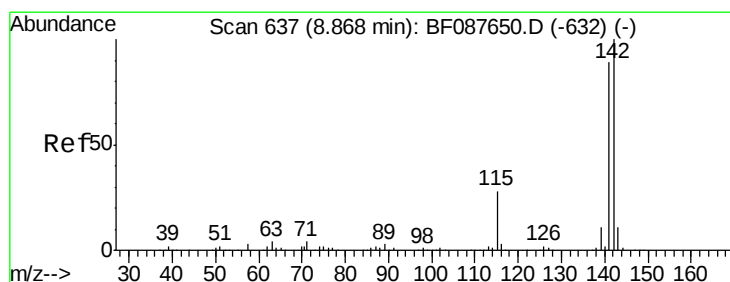
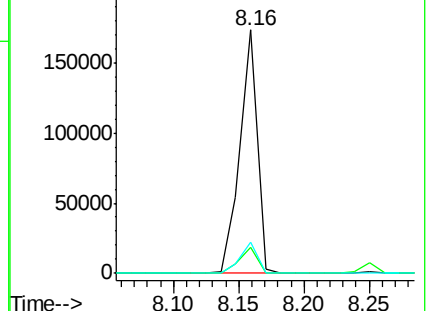
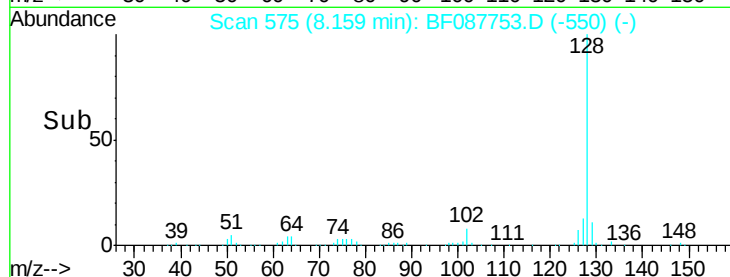
127 12.8 10.9 16.3



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: 4.21 ng

RT: 8.95 min Scan# 644

Delta R.T. 0.08 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

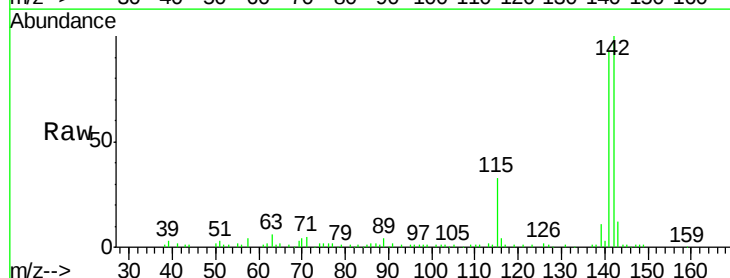
Tgt Ion:142 Resp: 69327

Ion Ratio Lower Upper

142 100

141 92.5 71.0 106.6

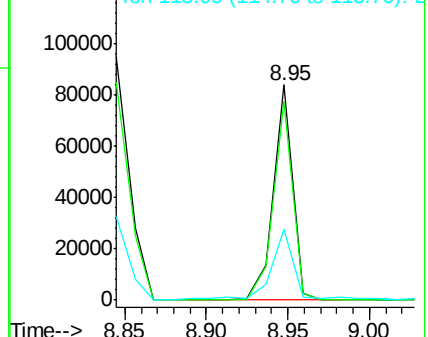
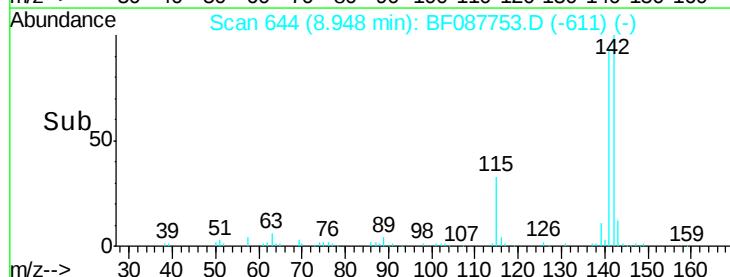
115 33.0 22.6 33.8

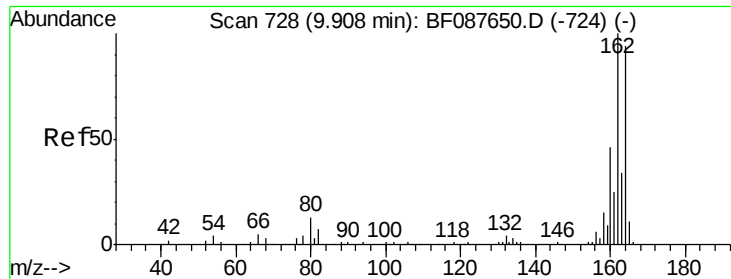


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

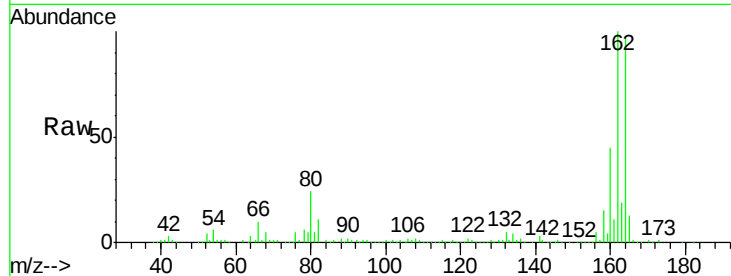




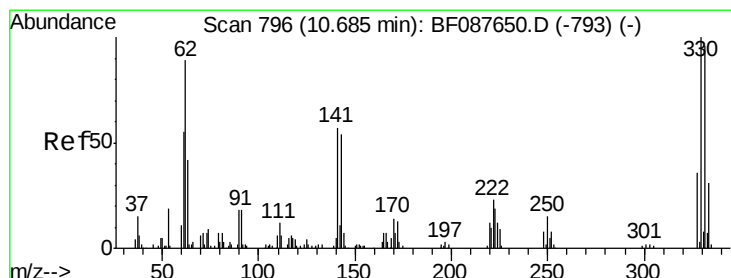
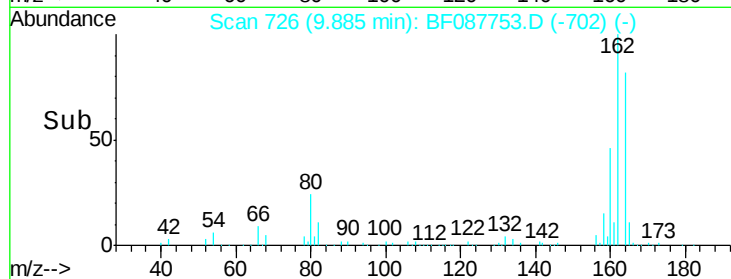
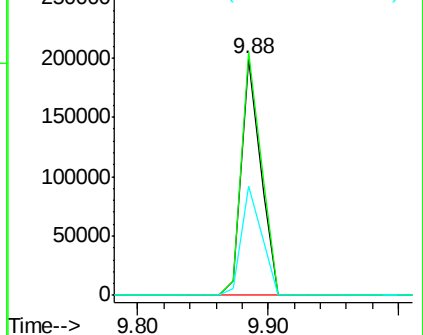
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 726
 Delta R.T. -0.02 min
 Lab File: BF087753.D
 Acq: 6 Jun 2016 15:43

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 STA-TA-1275+50(0-4)

Tgt Ion:164 Resp: 203426
 Ion Ratio Lower Upper
 164 100
 162 103.2 85.4 128.2
 160 46.5 39.5 59.3

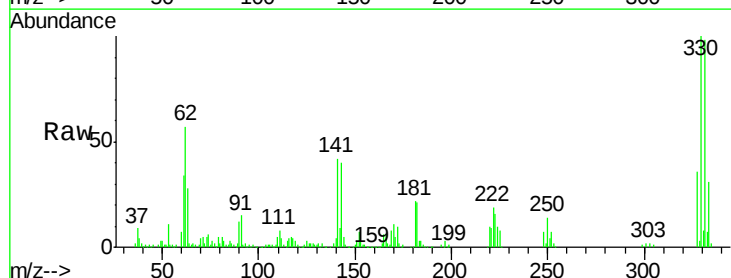


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

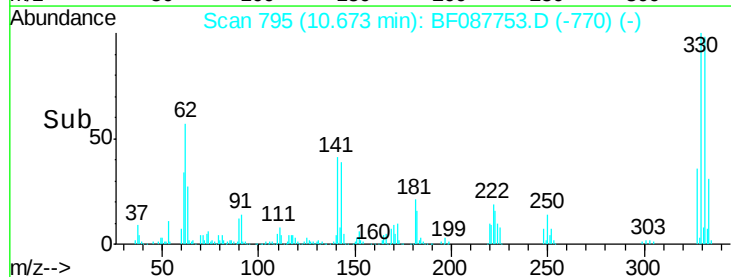
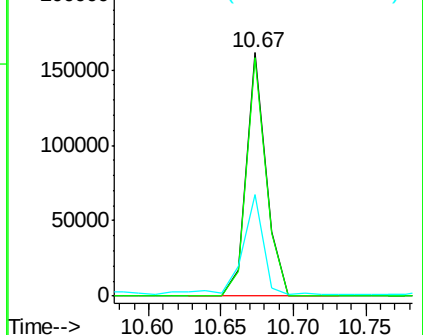


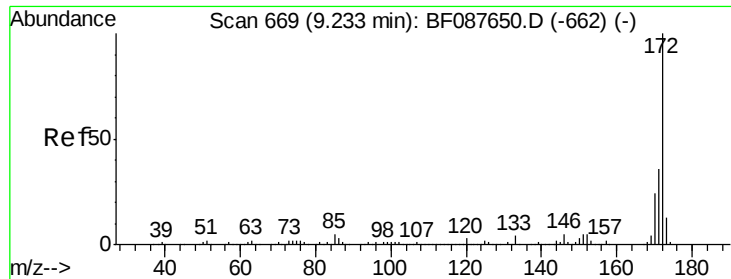
#41
 2,4,6-Tribromophenol
 Concen: 74.95 ng
 RT: 10.67 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF087753.D
 Acq: 6 Jun 2016 15:43

Tgt Ion:330 Resp: 153039
 Ion Ratio Lower Upper
 330 100
 332 97.6 0.0 0.0#
 141 44.5 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

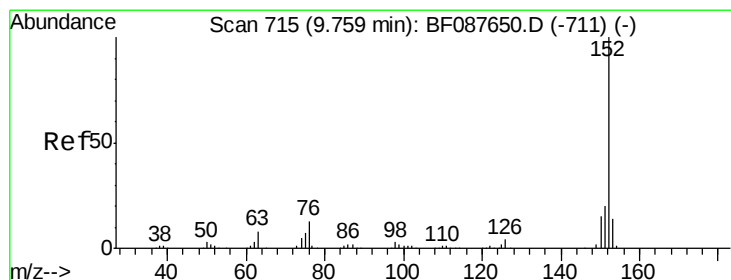
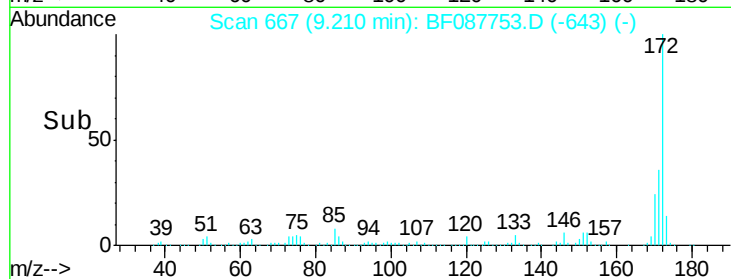
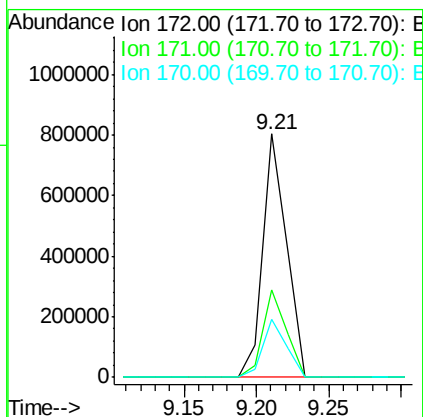
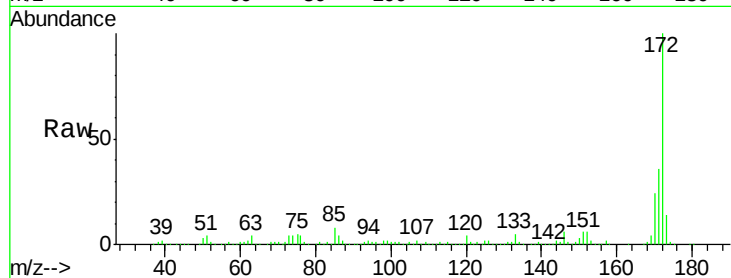




#44
2-Fluorobiphenyl
Concen: 63.41 ng
RT: 9.21 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

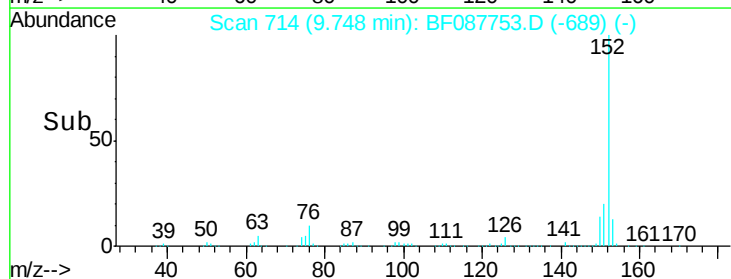
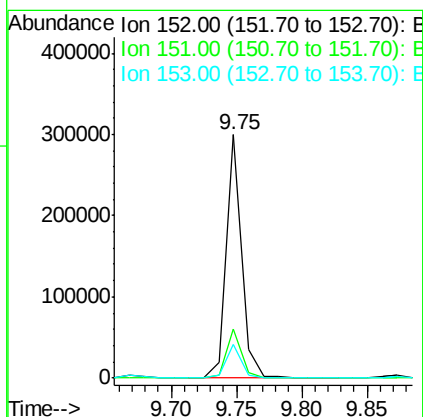
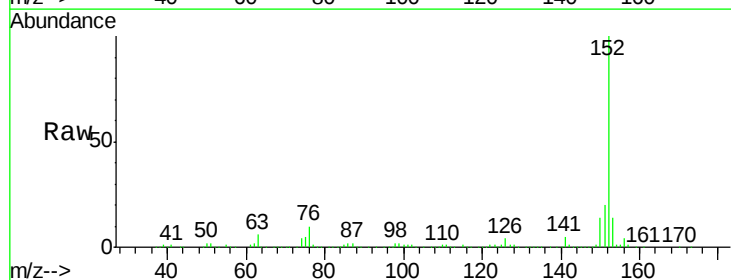
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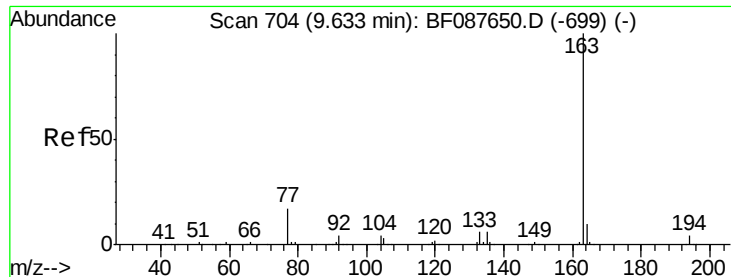
Tgt Ion:172 Resp: 909446
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.1 19.2 28.8



#48
Acenaphthylene
Concen: 12.15 ng
RT: 9.75 min Scan# 714
Delta R.T. -0.01 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Tgt Ion:152 Resp: 248987
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 13.7 11.0 16.6





#49

Dimethylphthalate

Concen: 20.03 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.02 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

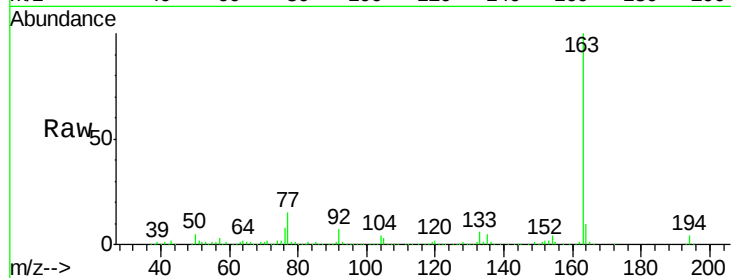
Tgt Ion:163 Resp: 296266

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

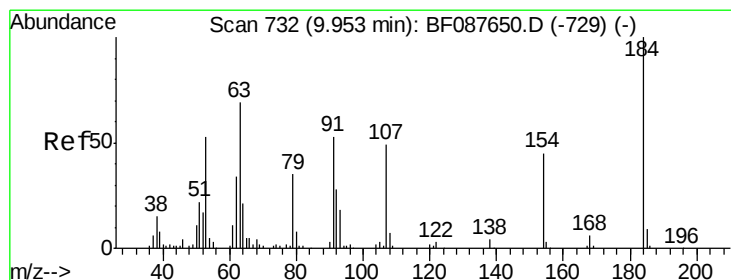
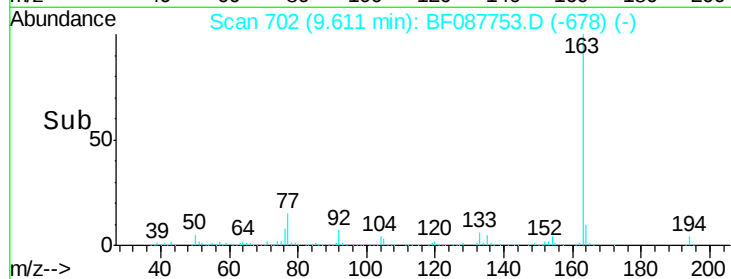
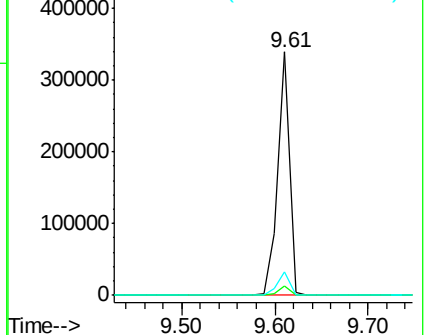
164 9.9 8.3 12.5



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



#53

2,4-Dinitrophenol

Concen: 4.44 ng

RT: 10.17 min Scan# 751

Delta R.T. 0.22 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

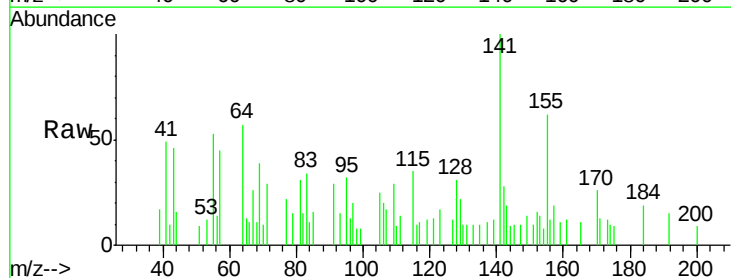
Tgt Ion:184 Resp: 900

Ion Ratio Lower Upper

184 100

63 0.0 57.6 86.4#

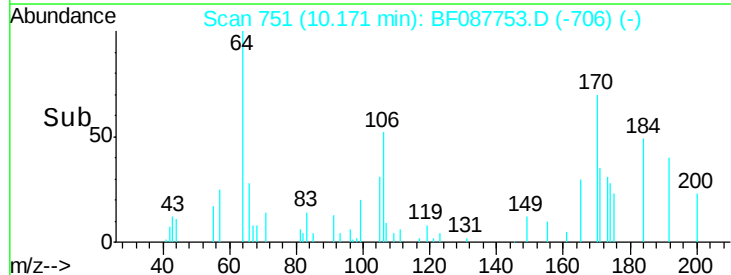
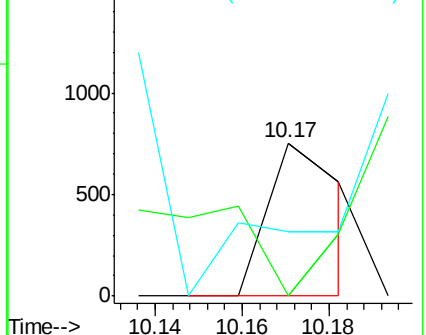
154 41.9 53.5 80.3#

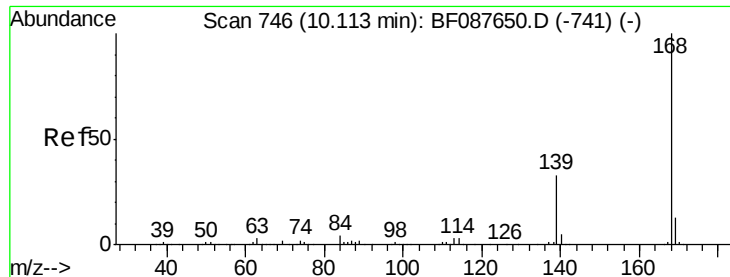


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

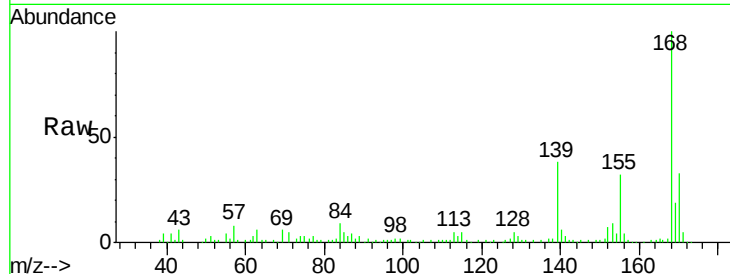




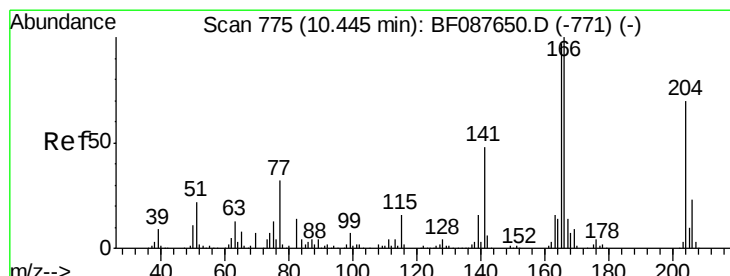
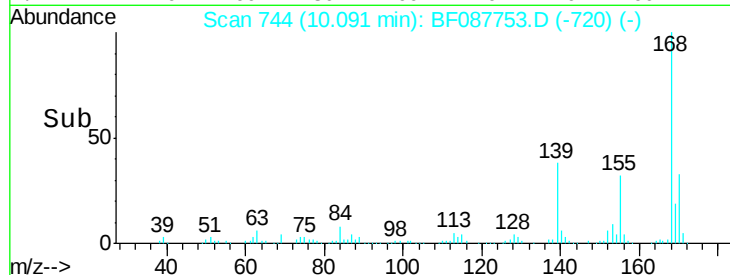
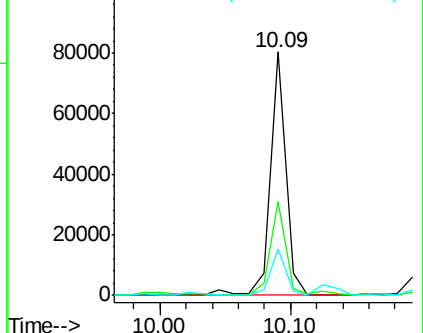
#54
Dibenzenofuran
Concen: 3.76 ng
RT: 10.09 min Scan# 744
Delta R.T. -0.02 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Tgt Ion:168 Resp: 67489
Ion Ratio Lower Upper
168 100
139 38.3 26.4 39.6
169 19.3 10.4 15.6#

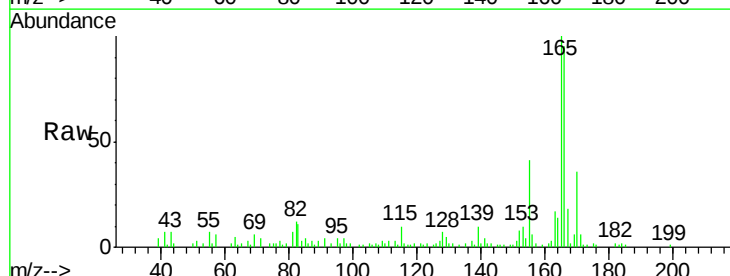


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

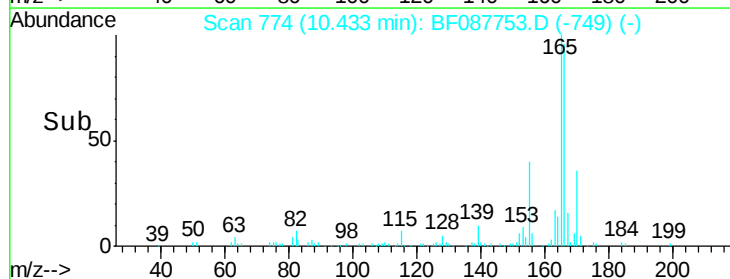
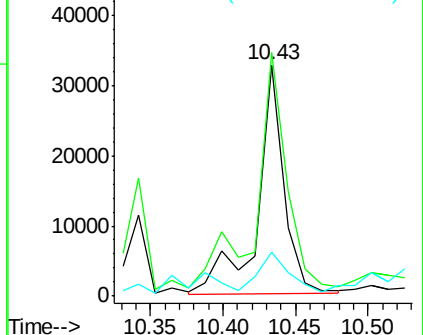


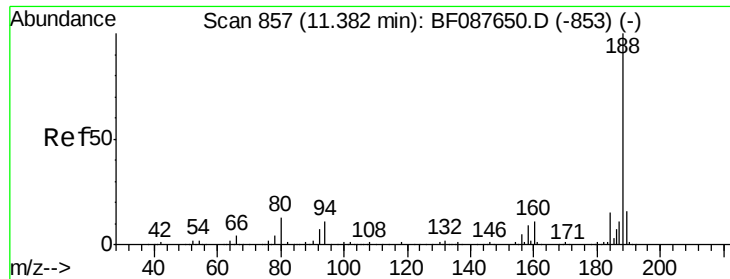
#57
Fluorene
Concen: 2.96 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.01 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Tgt Ion:166 Resp: 41478
Ion Ratio Lower Upper
166 100
165 105.2 77.8 116.8
167 19.0 11.2 16.8#



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

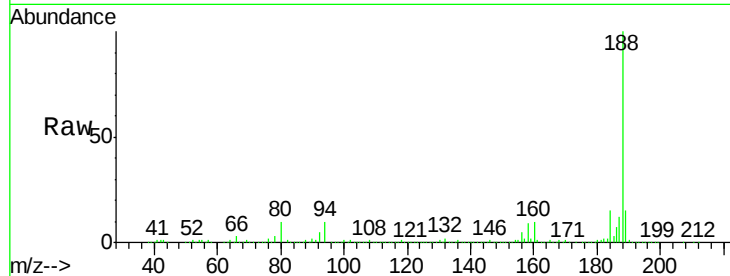




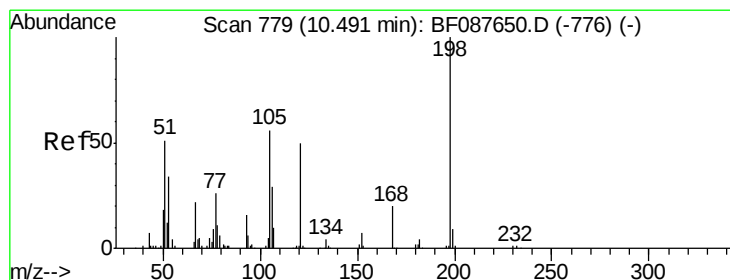
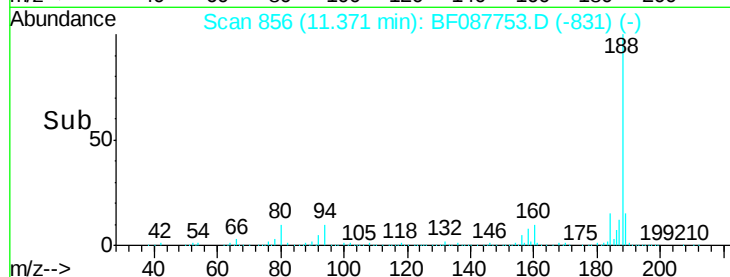
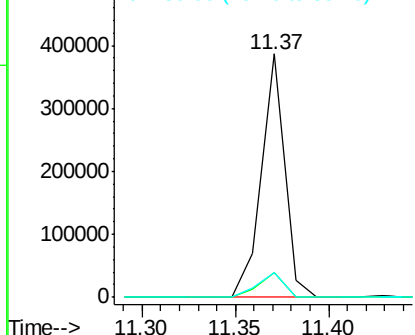
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

Tgt Ion:188 Resp: 332079
Ion Ratio Lower Upper
188 100
94 10.0 9.0 13.6
80 10.0 10.0 15.0

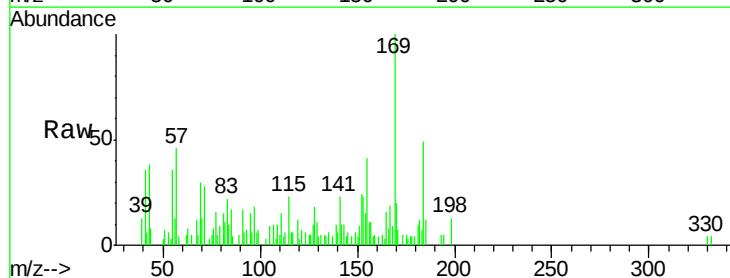


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

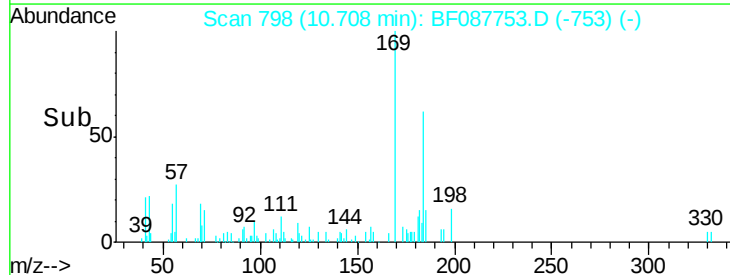
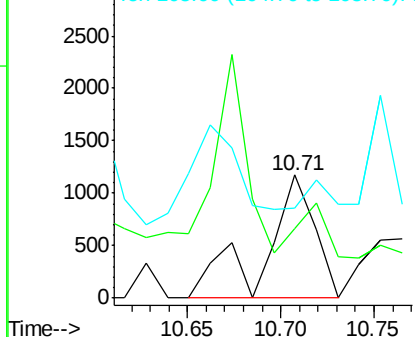


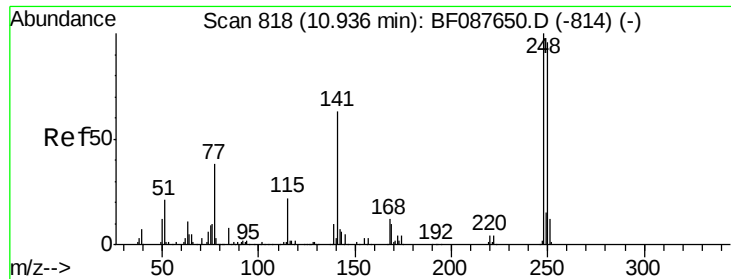
#64
4,6-Dinitro-2-methylphenol
Concen: 3.16 ng
RT: 10.71 min Scan# 798
Delta R.T. 0.22 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Tgt Ion:198 Resp: 2208
Ion Ratio Lower Upper
198 100
51 56.3 39.6 79.6
105 73.0 36.6 76.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.86 ng

RT: 10.67 min Scan# 795

Delta R.T. -0.26 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

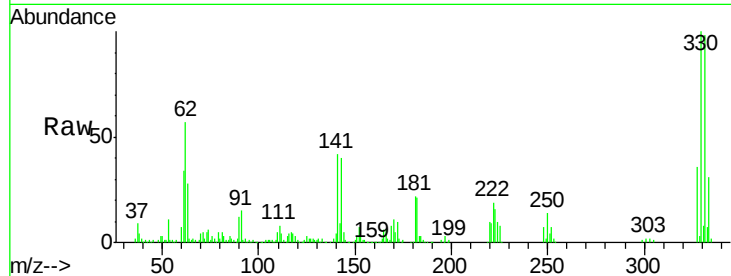
Tgt Ion:248 Resp: 9419

Ion Ratio Lower Upper

248 100

250 201.1 77.1 115.7#

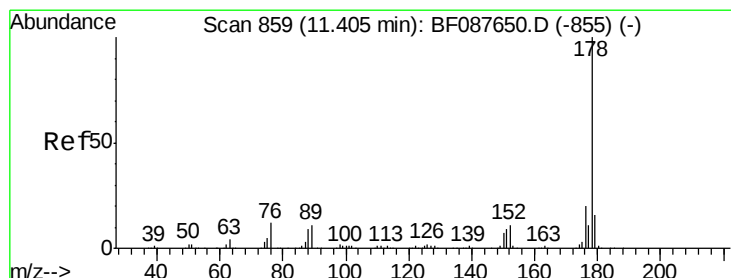
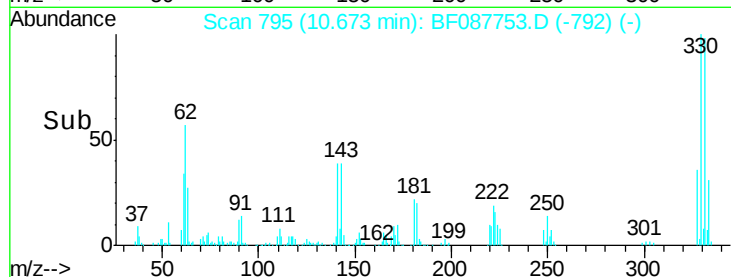
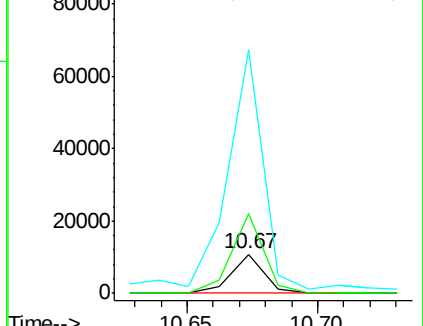
141 617.6 50.6 76.0#



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: 27.47 ng

RT: 11.39 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

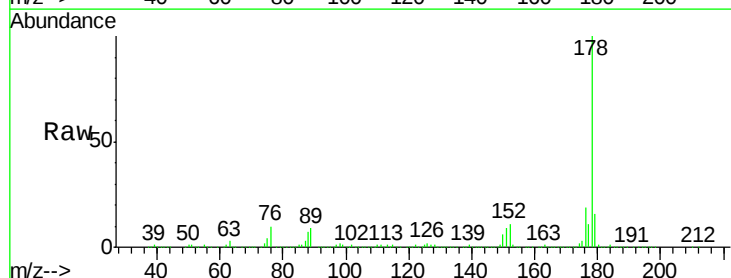
Tgt Ion:178 Resp: 494530

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.6

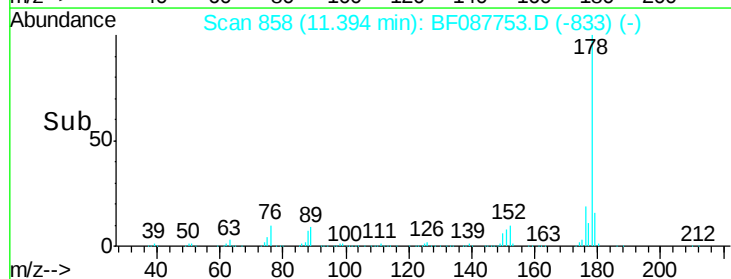
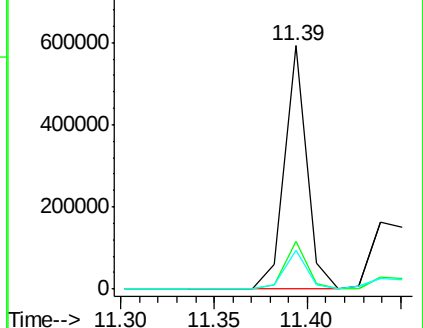
179 16.0 13.0 19.4

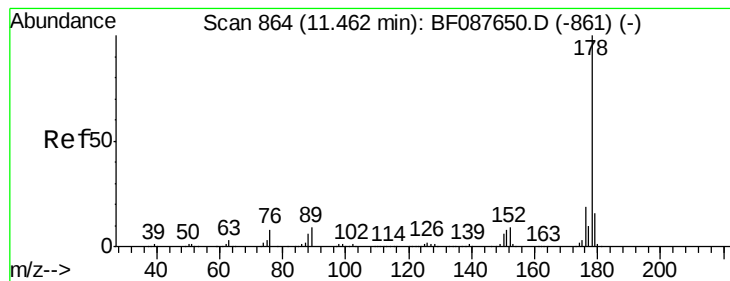


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.73 ng

RT: 11.44 min Scan# 862

Delta R.T. -0.02 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

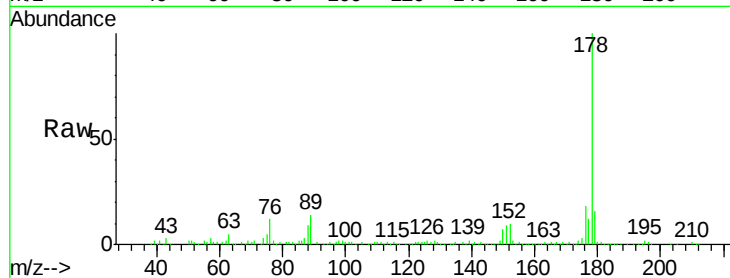
Tgt Ion:178 Resp: 229740

Ion Ratio Lower Upper

178 100

176 18.2 15.6 23.4

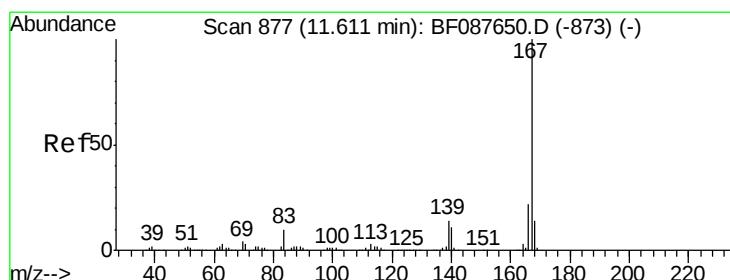
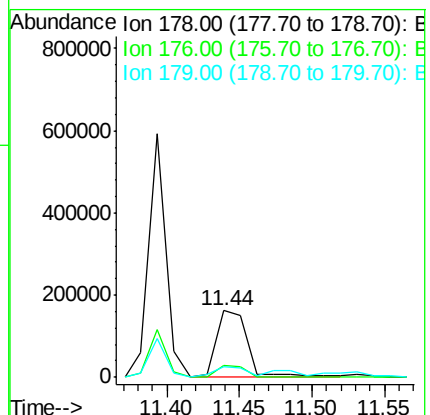
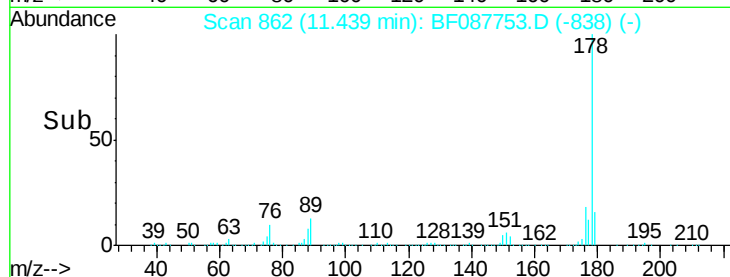
179 16.1 12.8 19.2



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: 4.60 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

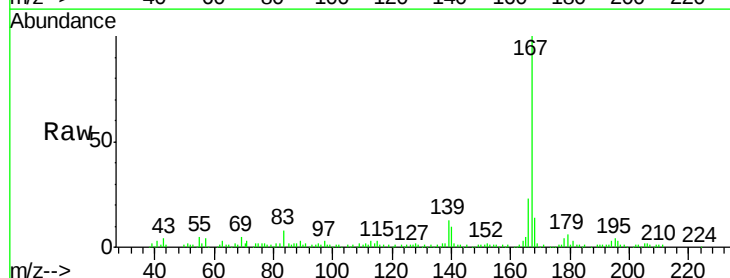
Tgt Ion:167 Resp: 78609

Ion Ratio Lower Upper

167 100

166 22.8 17.8 26.6

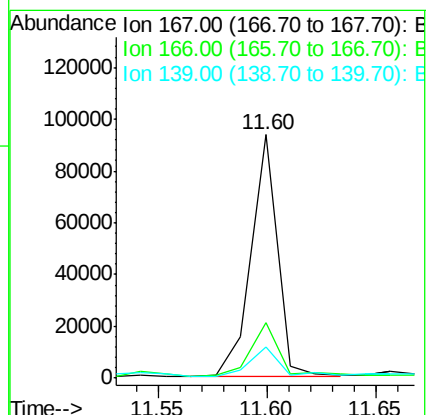
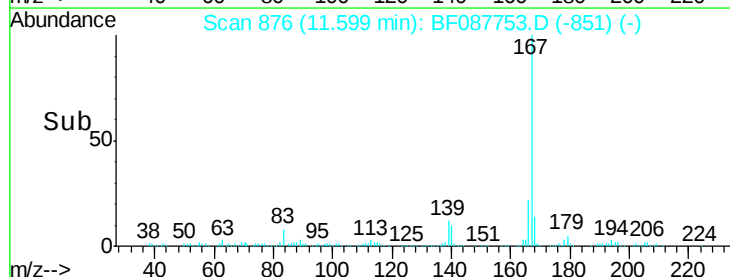
139 12.8 11.2 16.8

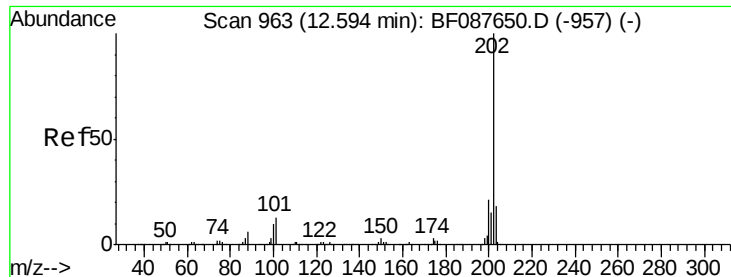


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 55.96 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

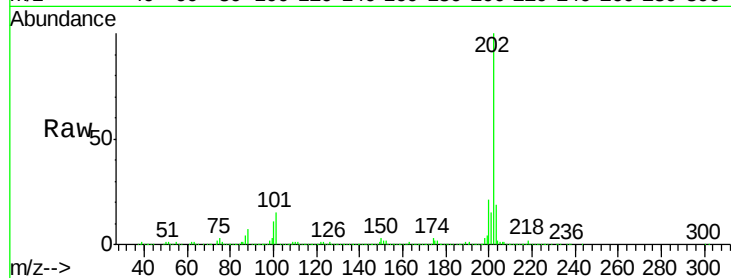
Tgt Ion:202 Resp: 991484

Ion Ratio Lower Upper

202 100

101 14.8 0.0 33.1

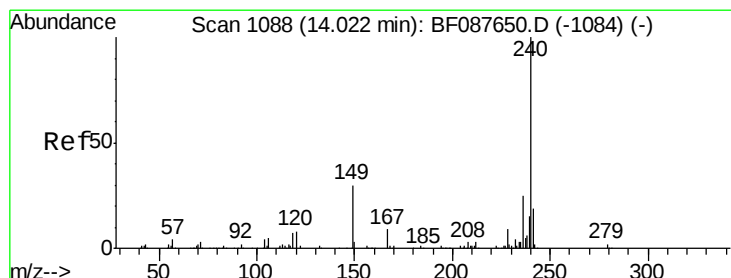
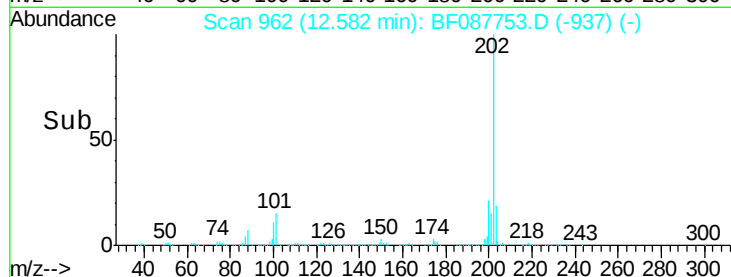
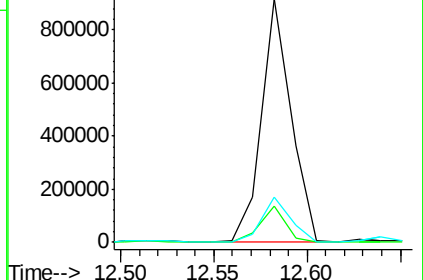
203 18.7 0.0 38.1



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: 14.01 min Scan# 1087

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

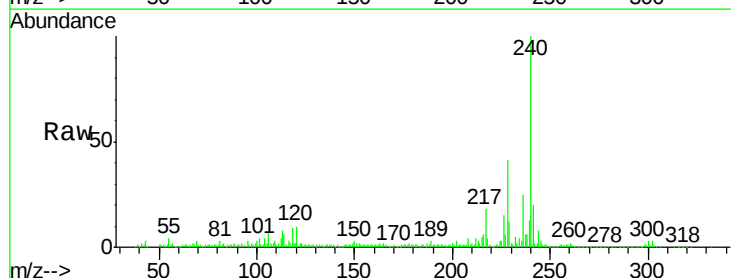
Tgt Ion:240 Resp: 249535

Ion Ratio Lower Upper

240 100

120 9.9 6.8 10.2

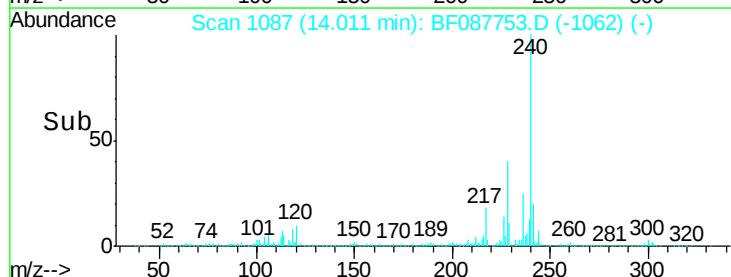
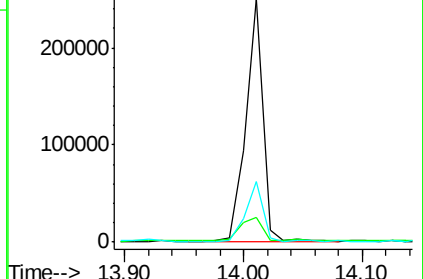
236 25.1 20.2 30.2

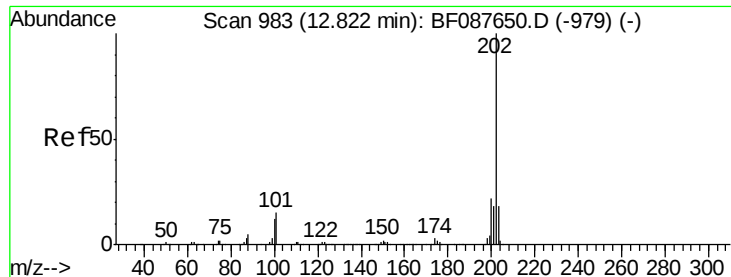


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 51.84 ng

RT: 12.81 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

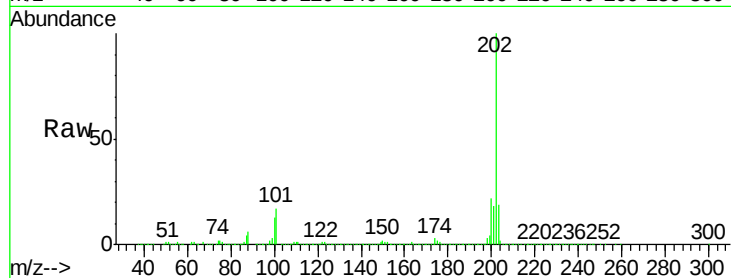
Tgt Ion:202 Resp: 921188

Ion Ratio Lower Upper

202 100

200 22.1 17.4 26.2

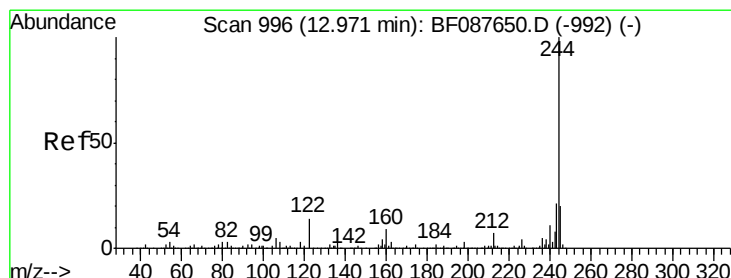
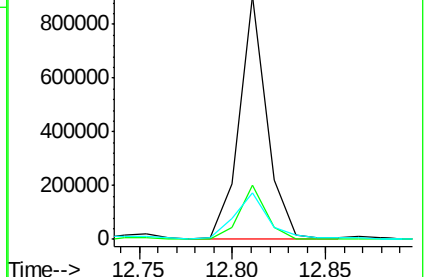
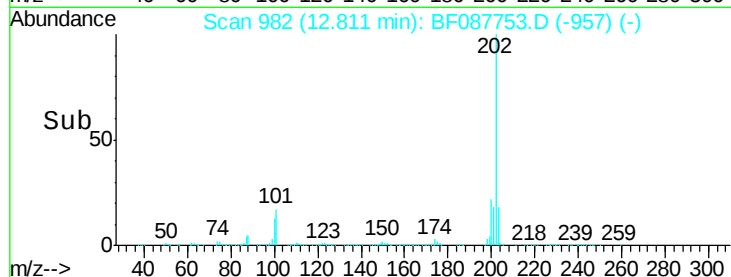
203 18.8 14.5 21.7



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: 61.57 ng

RT: 12.96 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

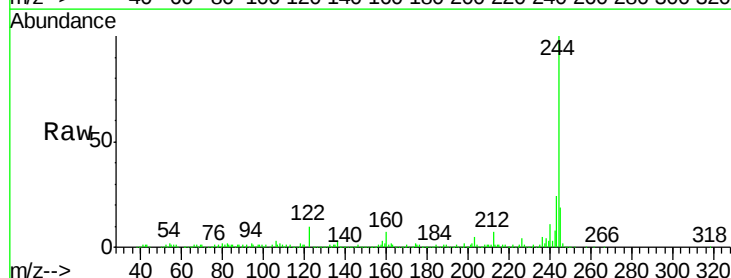
Tgt Ion:244 Resp: 629666

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

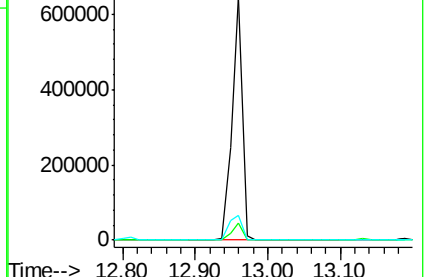
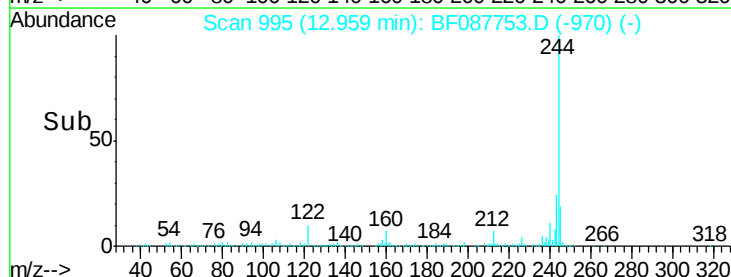
122 10.1 11.2 16.8#

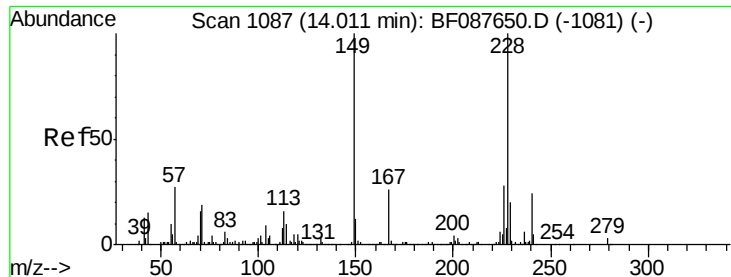


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 42.06 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

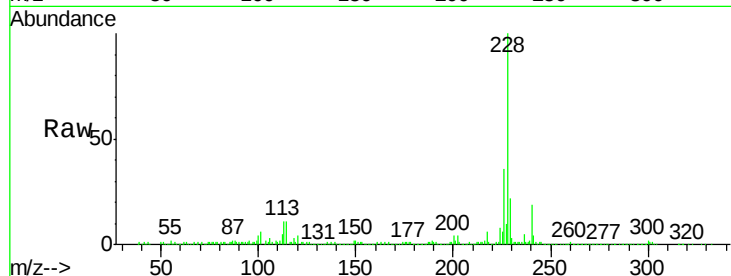
Tgt Ion:228 Resp: 605733

Ion Ratio Lower Upper

228 100

226 35.5 22.3 33.5#

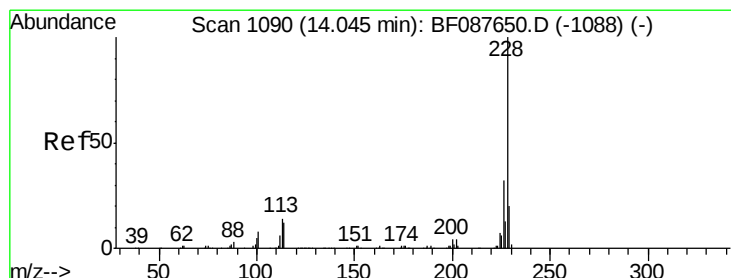
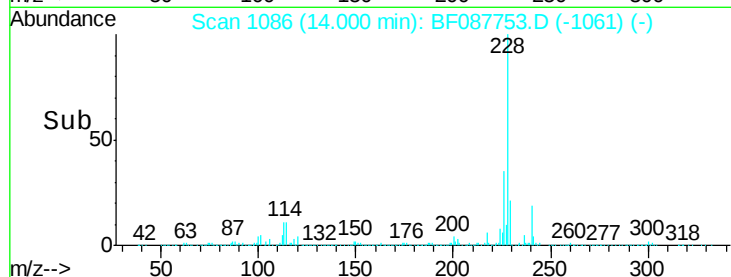
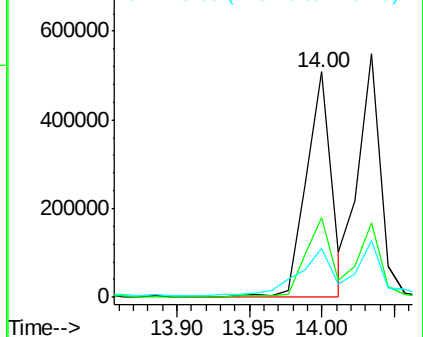
229 21.6 16.0 24.0



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



#82

Chrysene

Concen: 42.26 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.05 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

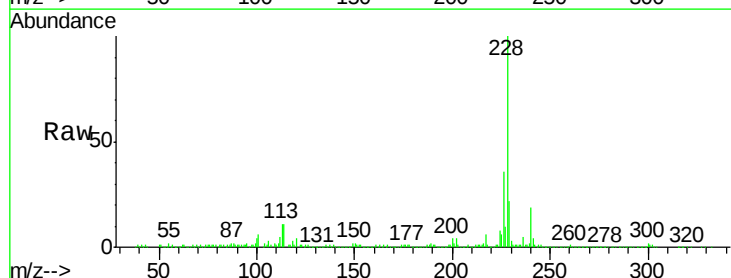
Tgt Ion:228 Resp: 605733

Ion Ratio Lower Upper

228 100

226 35.5 25.4 38.2

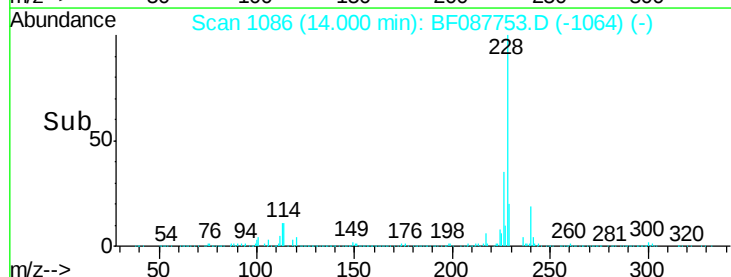
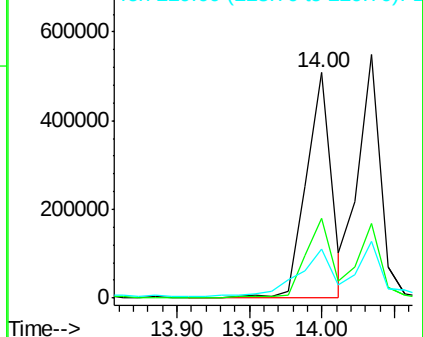
229 21.6 16.3 24.5

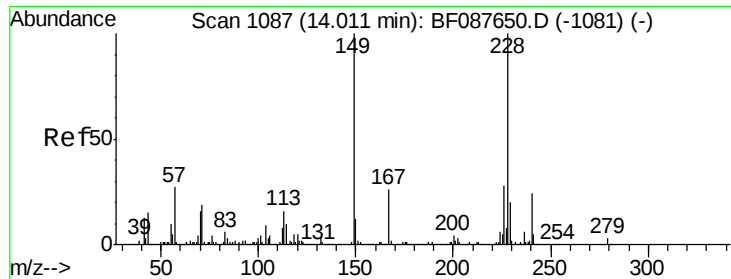


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.08 ng

RT: 14.00 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

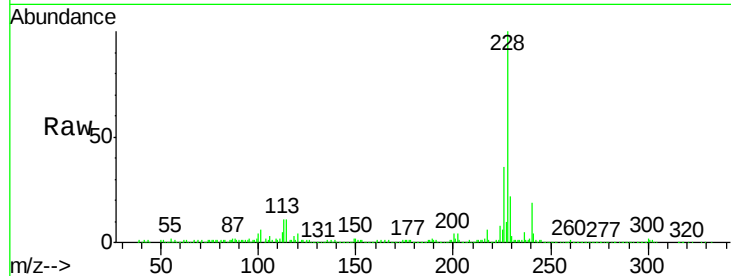
Tgt Ion:149 Resp: 18710

Ion Ratio Lower Upper

149 100

167 22.4 20.5 30.7

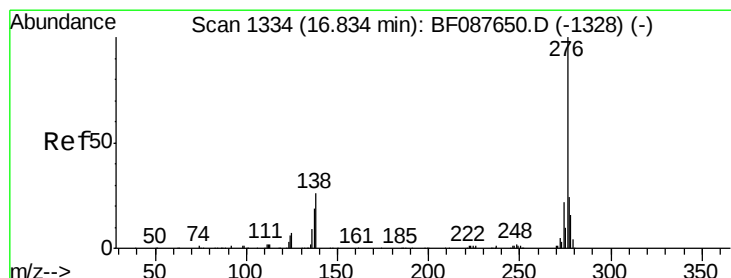
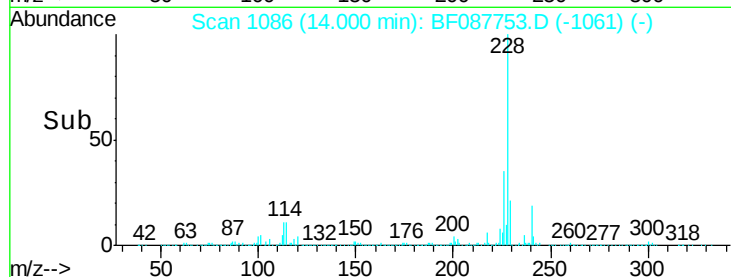
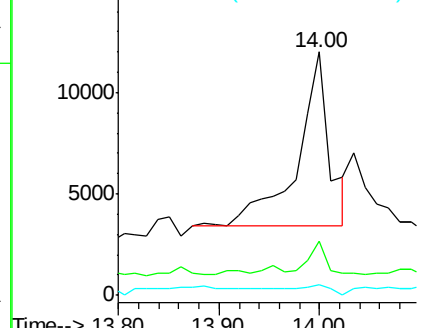
279 4.4 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Indeno(1,2,3-cd)pyrene

Concen: 23.39 ng

RT: 16.82 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

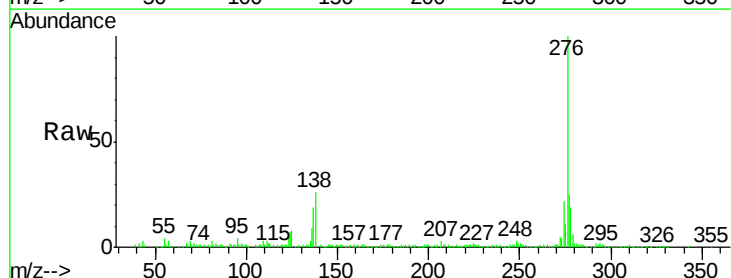
Tgt Ion:276 Resp: 277184

Ion Ratio Lower Upper

276 100

138 24.3 0.0 0.0#

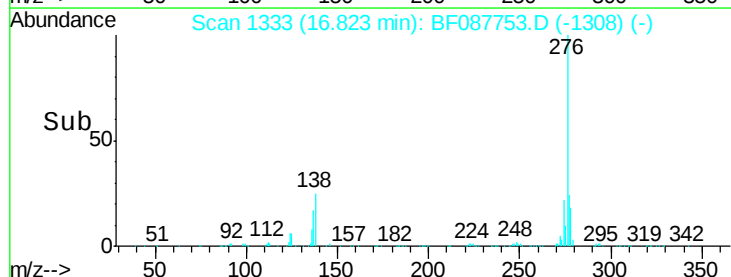
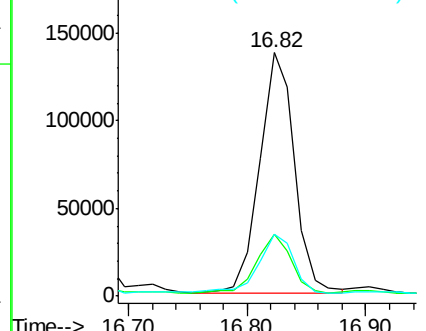
277 25.3 0.0 0.0#

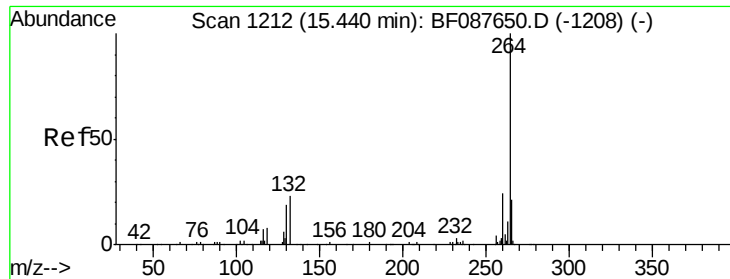


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

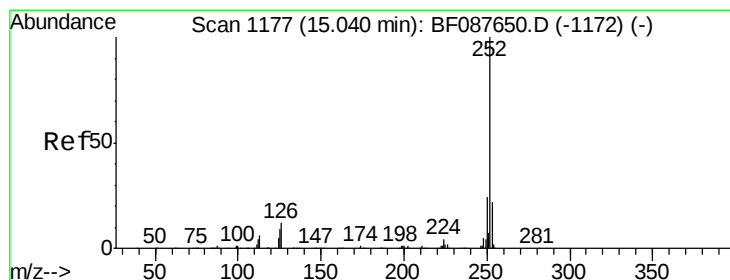
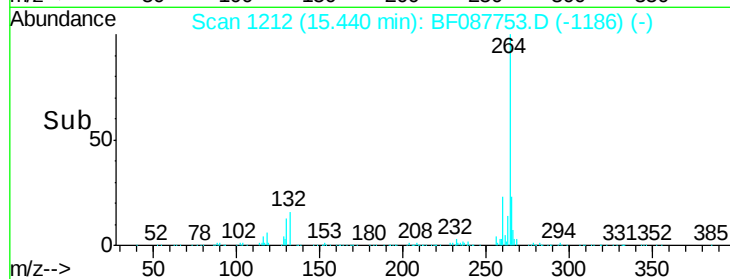
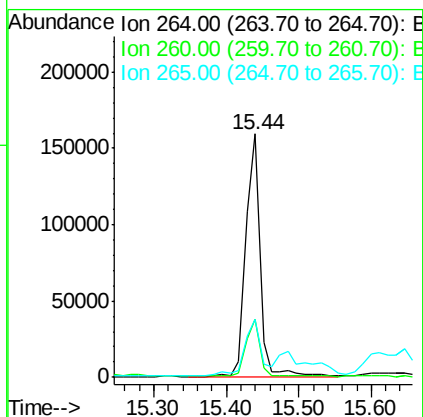
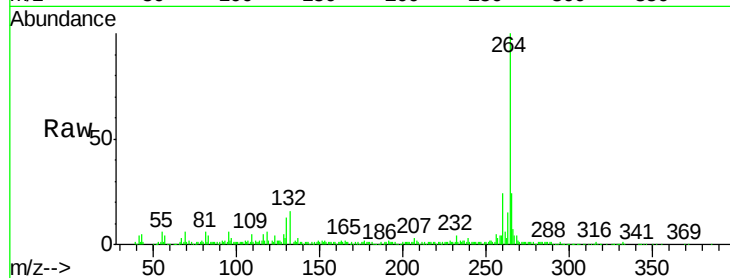




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

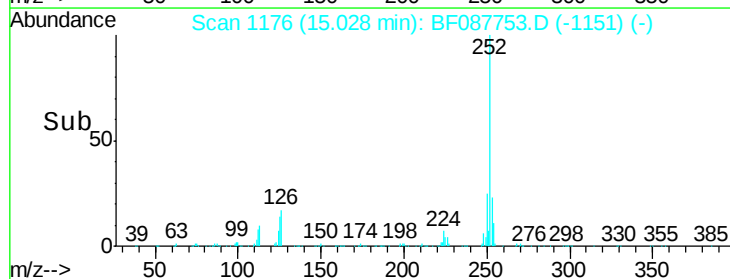
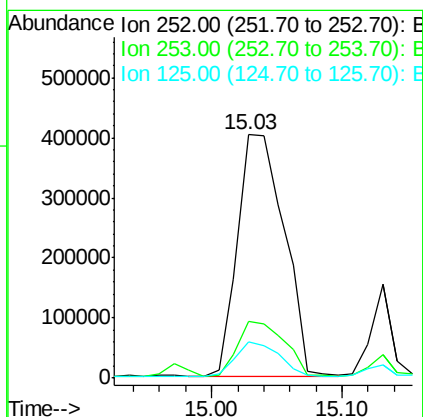
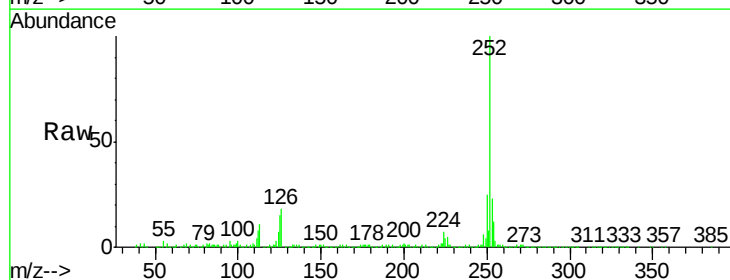
Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

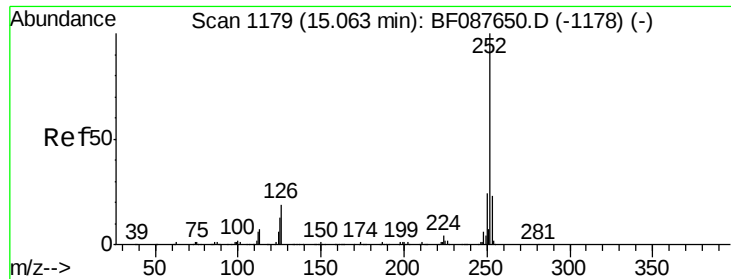
Tgt Ion:264 Resp: 219008
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 23.7 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 70.18 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Tgt Ion:252 Resp: 999870
Ion Ratio Lower Upper
252 100
253 23.5 17.4 26.2
125 15.0 7.1 10.7#

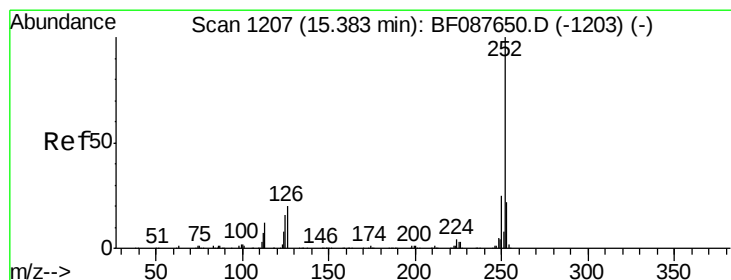
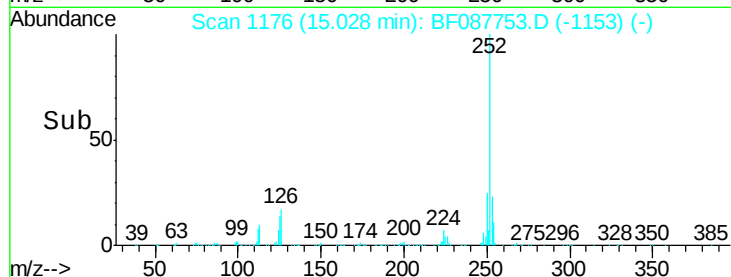
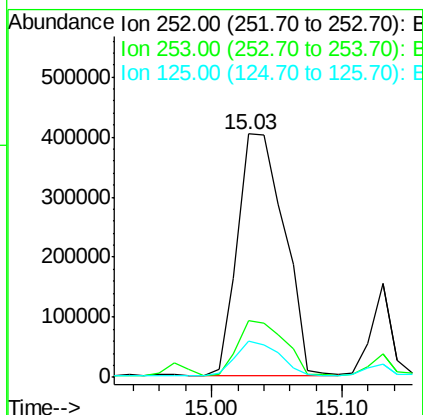
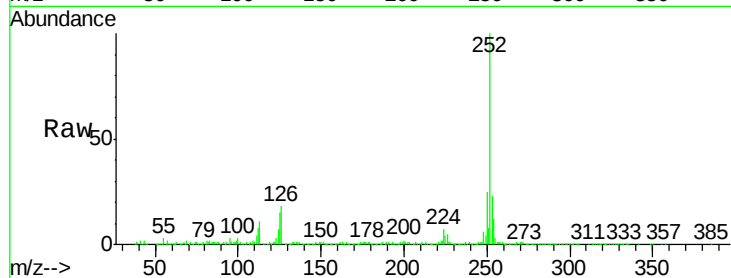




#88
Benzo(k)fluoranthene
Concen: 84.35 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.03 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

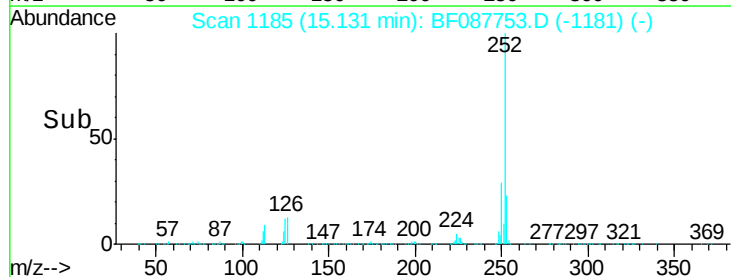
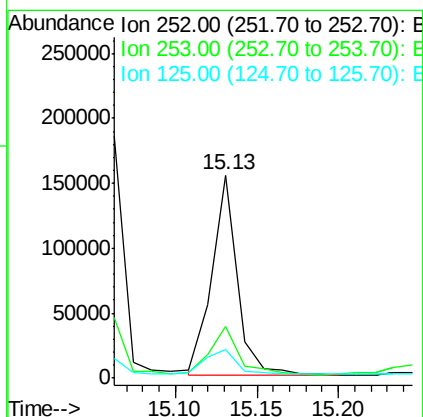
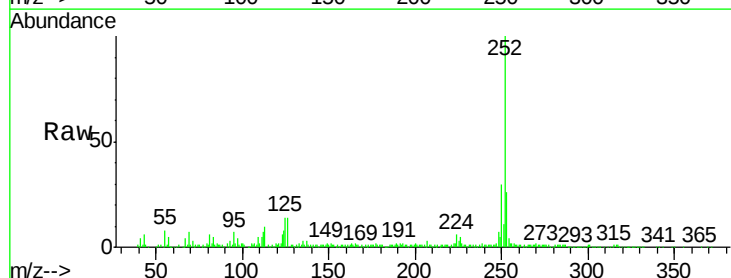
Instrument :
BNA_F
ClientSampleId :
STA-TA-1275+50(0-4)

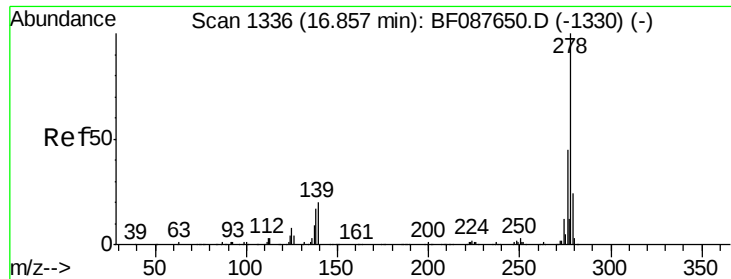
Tgt Ion:252 Resp: 999870
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 15.0 11.2 16.8



#89
Benzo(a)pyrene
Concen: 13.90 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.25 min
Lab File: BF087753.D
Acq: 6 Jun 2016 15:43

Tgt Ion:252 Resp: 166436
Ion Ratio Lower Upper
252 100
253 25.6 17.9 26.9
125 14.2 12.5 18.7





#90

Dibenzo(a,h)anthracene

Concen: 6.74 ng

RT: 16.83 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

Instrument :

BNA_F

ClientSampleId :

STA-TA-1275+50(0-4)

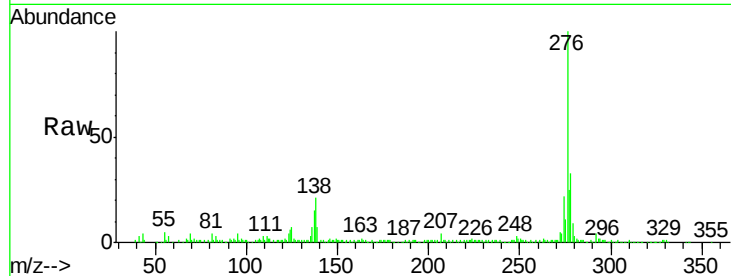
Tgt Ion:278 Resp: 68718

Ion Ratio Lower Upper

278 100

139 21.8 15.7 23.5

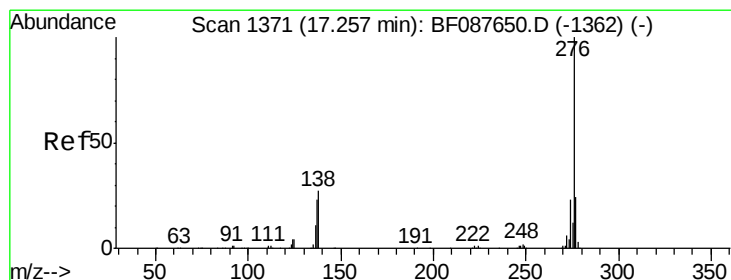
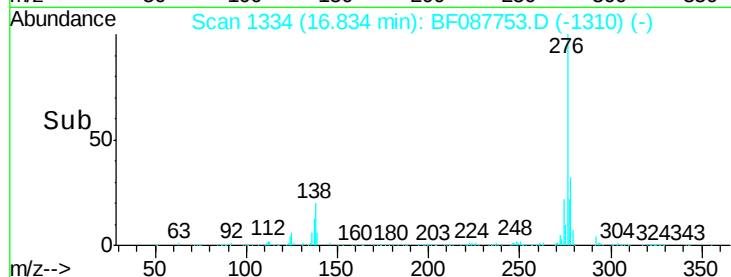
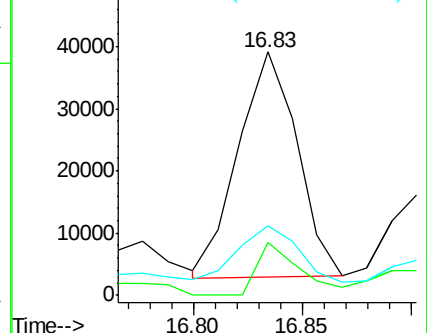
279 28.4 19.4 29.2



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: 23.68 ng

RT: 17.25 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF087753.D

Acq: 6 Jun 2016 15:43

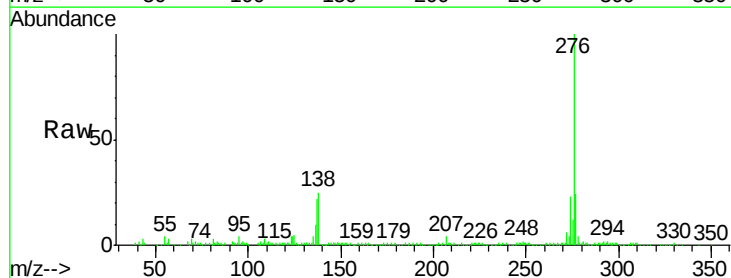
Tgt Ion:276 Resp: 243501

Ion Ratio Lower Upper

276 100

277 23.9 18.9 28.3

138 25.4 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

