

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
 Data File : BF086912.D
 Acq On : 12 May 2016 2:53
 Operator : UM/SJ
 Sample : H2965-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-15(8.5-9)

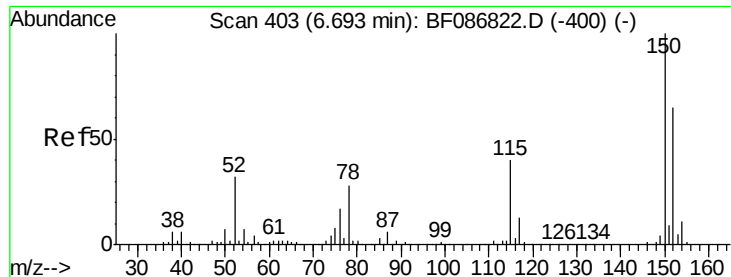
Quant Time: May 12 05:55:06 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 12 01:06:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	135255	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	501904	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	193169	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	312123	20.00	ng	-0.01
75) Chrysene-d12	13.78	240	286949	20.00	ng	0.00
86) Perylene-d12	15.14	264	231335	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	841259	105.33	ng	0.01
7) Phenol-d6	6.30	99	959874	89.93	ng	-0.01
23) Nitrobenzene-d5	7.21	82	708109	70.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	175292	85.72	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	835047	72.65	ng	0.00
78) Terphenyl-d14	12.73	244	613114	45.33	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.21	70	95146	12.75	ng	# 79
31) Naphthalene	7.94	128	71116	2.83	ng	98
37) 2-Methylnaphthalene	8.73	142	32532	2.21	ng	97
49) Dimethylphthalate	9.40	163	83214	5.65	ng	99
51) Acenaphthene	9.70	154	75186	6.83	ng	96
53) 2,4-Dinitrophenol	9.92	184	376	7.91	ng	# 1
54) Dibenzofuran	9.87	168	66458	4.70	ng	98
55) 4-Nitrophenol	9.78	139	935	4.97	ng	# 1
57) Fluorene	10.22	166	86617	7.18	ng	98
60) 4-Chlorophenyl-phenylether	10.18	204	222	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.46	248	11054	3.49	ng	# 1
70) Phenanthrene	11.18	178	864703	51.91	ng	99
71) Anthracene	11.22	178	311180	18.27	ng	98
72) Carbazole	11.38	167	57122	3.90	ng	# 96
74) Fluoranthene	12.35	202	1405825	82.06	ng	99
77) Pyrene	12.58	202	1270287	57.82	ng	99
80) Benzo(a)anthracene	13.77	228	791241	49.12	ng	99
82) Chrysene	13.77	228	791241	48.29	ng	98
85) Indeno(1,2,3-cd)pyrene	16.40	276	239035	17.53	ng	# 89
87) Benzo(b)fluoranthene	14.78	252	792183	52.69	ng	98
88) Benzo(k)fluoranthene	14.78	252	792183	64.35	ng	97
89) Benzo(a)pyrene	15.10	252	442394	34.11	ng	97
90) Dibenzo(a,h)anthracene	16.41	278	72043	6.59	ng	# 89
91) Benzo(g,h,i)perylene	16.78	276	223413	20.12	ng	95

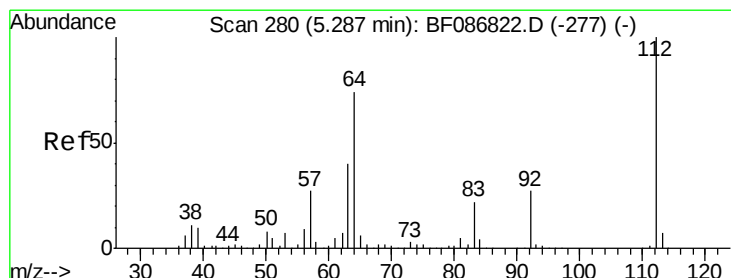
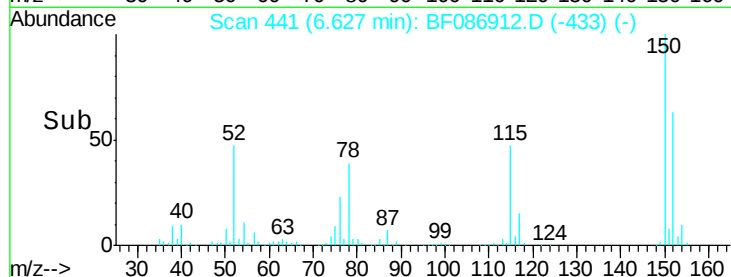
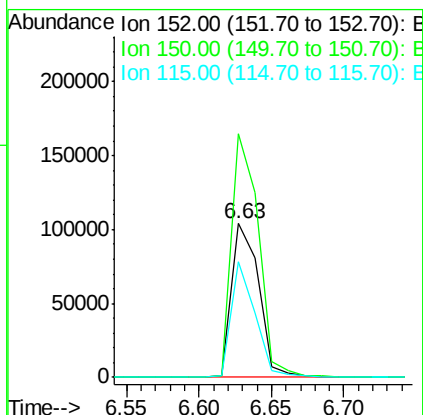
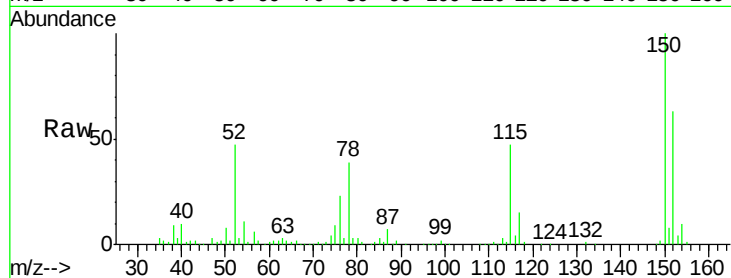
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.63 min Scan# 441
 Delta R.T. -0.01 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

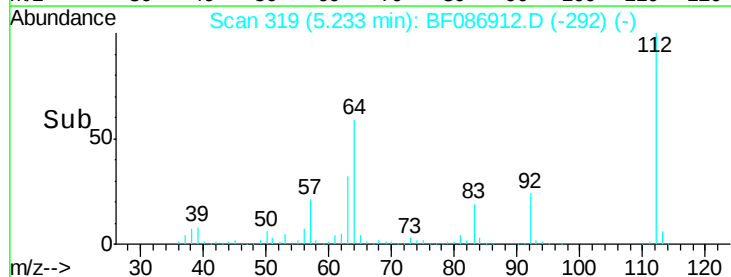
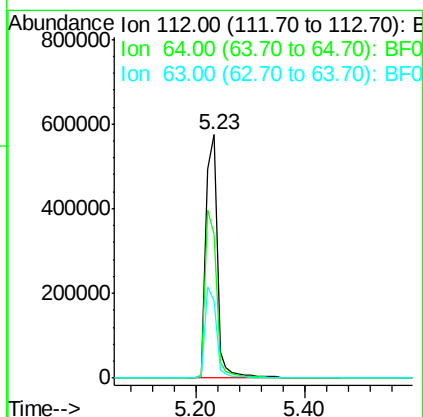
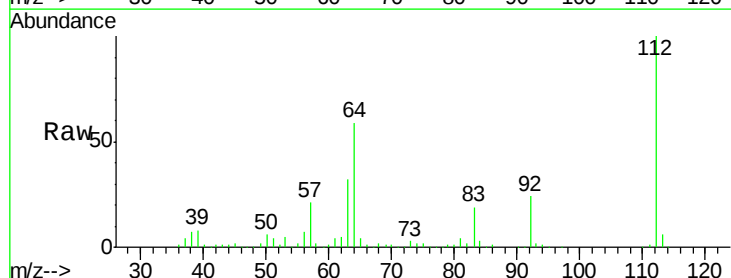
Instrument :
 BNA_F
 ClientSampleId :
 E-15(8.5-9)

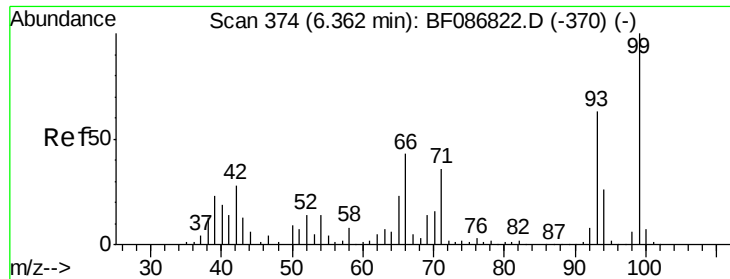
Tgt Ion:152 Resp: 135255
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.8 188.6
 115 74.9 51.5 77.3



#5
 2-Fluorophenol
 Concen: 105.33 ng
 RT: 5.23 min Scan# 319
 Delta R.T. 0.01 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

Tgt Ion:112 Resp: 841259
 Ion Ratio Lower Upper
 112 100
 64 59.3 52.1 78.1
 63 31.9 25.7 38.5





#7

Phenol-d6

Concen: 89.93 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

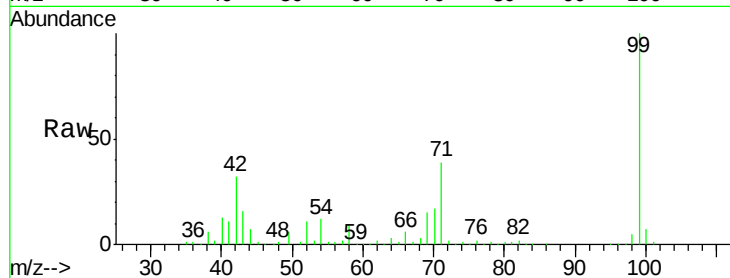
Tgt Ion: 99 Resp: 959874

Ion Ratio Lower Upper

99 100

42 32.3 13.6 20.4#

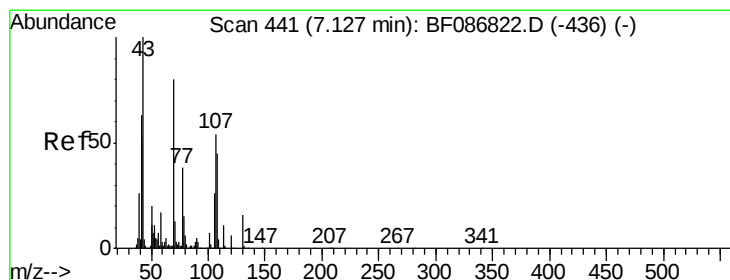
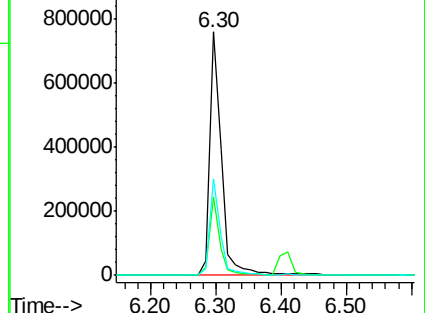
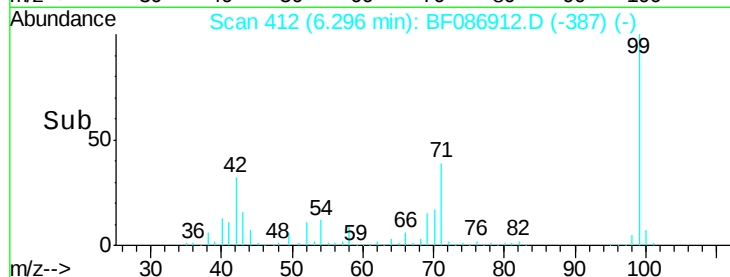
71 39.4 24.6 36.8#



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



#19

n-Nitroso-di-n-propylamine

Concen: 12.75 ng

RT: 7.21 min Scan# 492

Delta R.T. 0.14 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Tgt Ion: 70 Resp: 95146

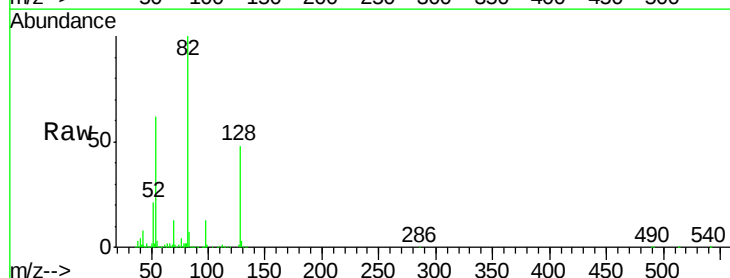
Ion Ratio Lower Upper

70 100

42 61.0 43.1 64.7

101 0.0 8.1 12.1#

130 2.7 18.6 28.0#

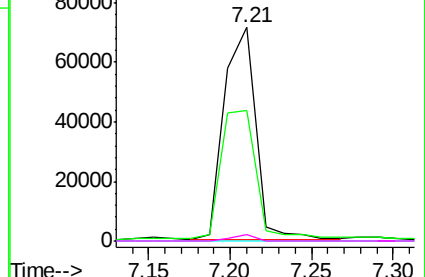
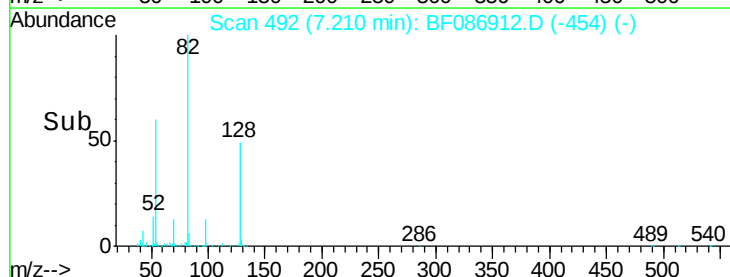


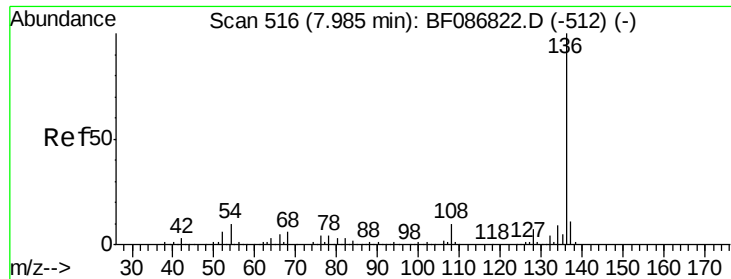
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.92 min Scan# 554

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

Tgt Ion:136 Resp: 501904

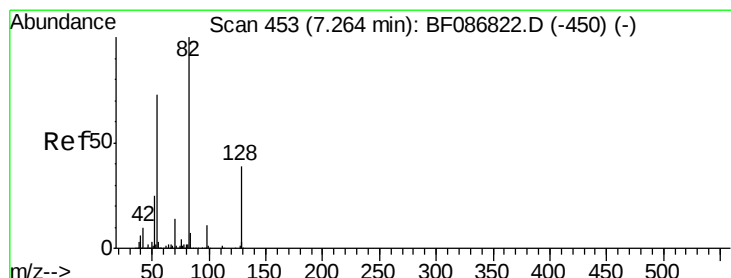
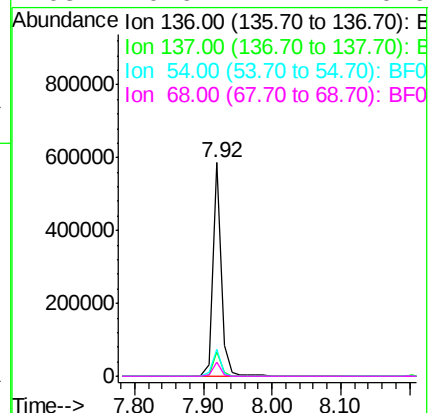
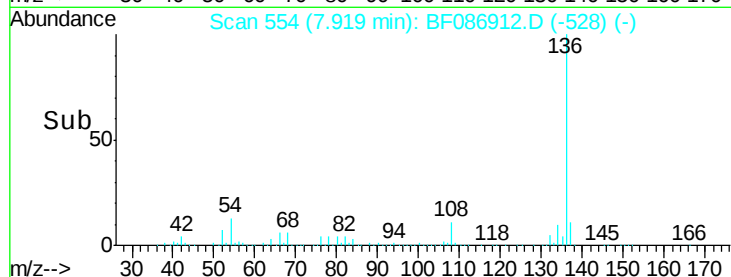
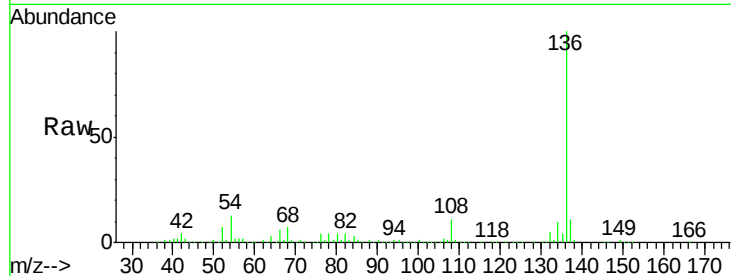
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 12.7 5.0 7.4#

68 6.6 4.4 6.6



#23

Nitrobenzene-d5

Concen: 70.84 ng

RT: 7.21 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

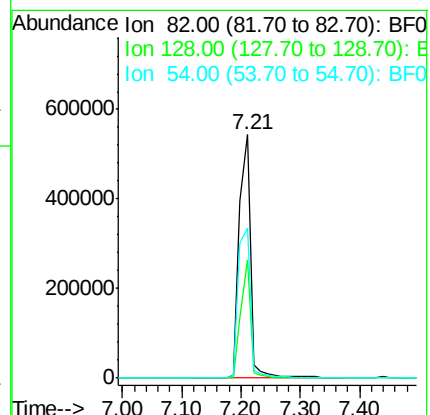
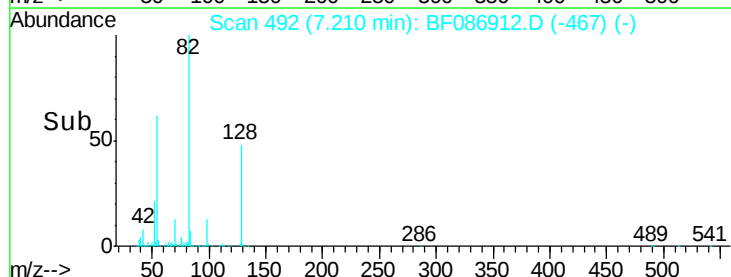
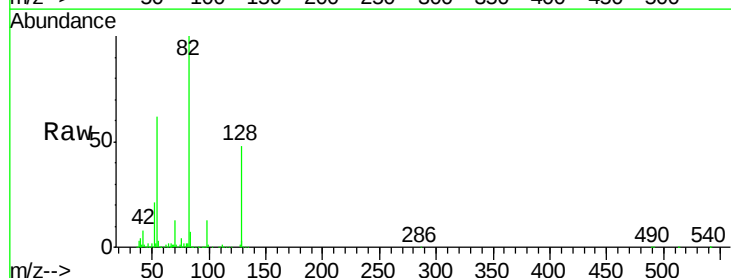
Tgt Ion: 82 Resp: 708109

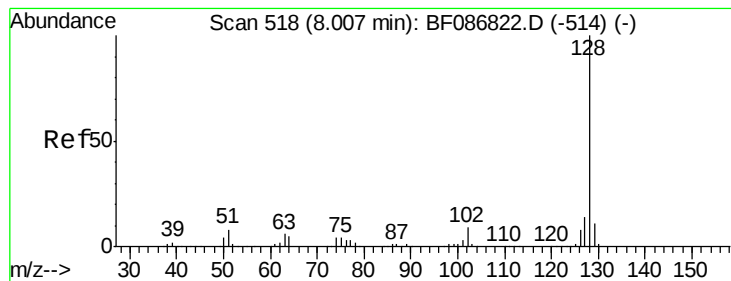
Ion Ratio Lower Upper

82 100

128 48.5 40.6 61.0

54 61.6 38.1 57.1#





#31

Naphthalene

Concen: 2.83 ng

RT: 7.94 min Scan# 556

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

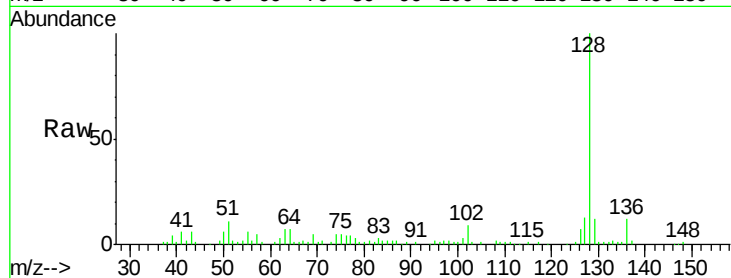
Tgt Ion:128 Resp: 71116

Ion Ratio Lower Upper

128 100

129 11.6 8.6 13.0

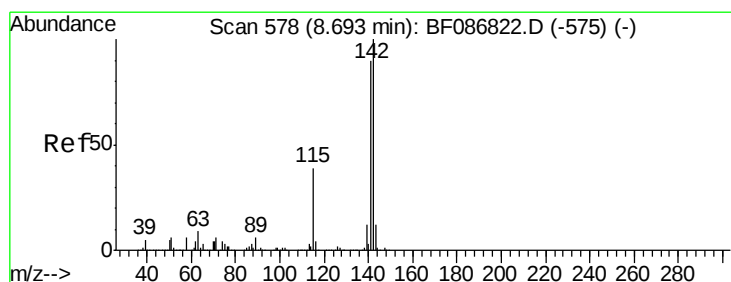
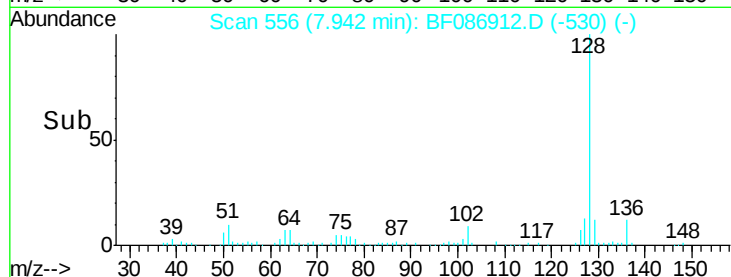
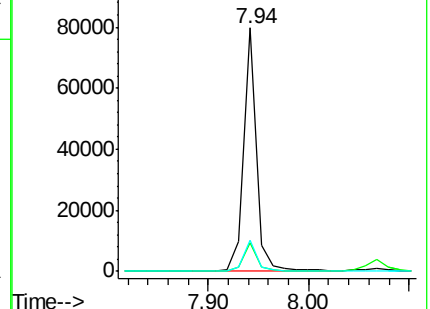
127 12.8 10.8 16.2



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



#37

2-Methylnaphthalene

Concen: 2.21 ng

RT: 8.73 min Scan# 625

Delta R.T. 0.09 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

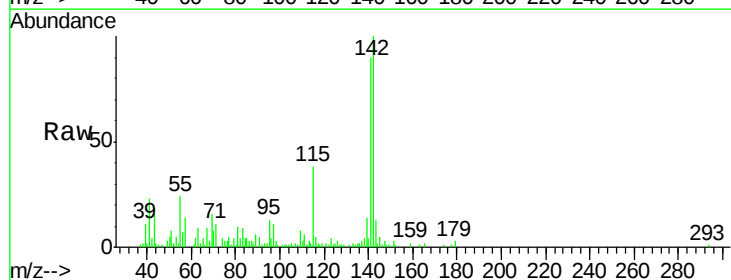
Tgt Ion:142 Resp: 32532

Ion Ratio Lower Upper

142 100

141 90.0 71.0 106.6

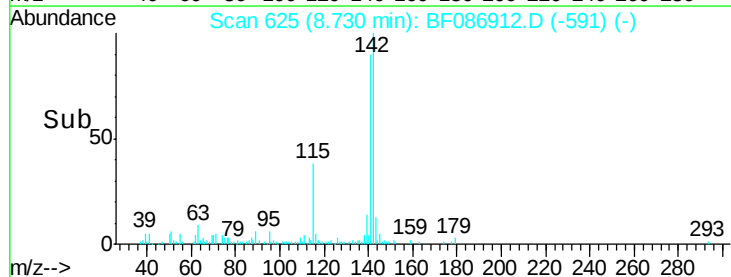
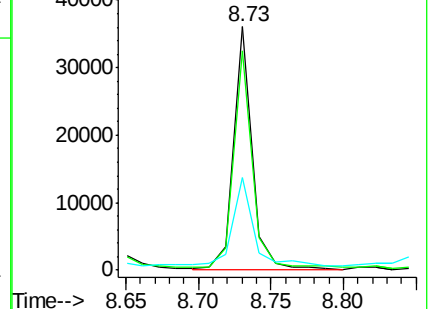
115 38.3 26.6 39.8

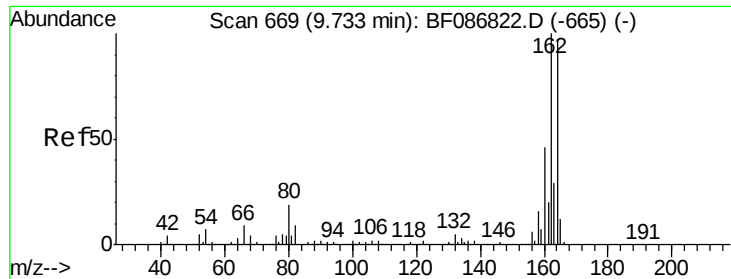


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.67 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

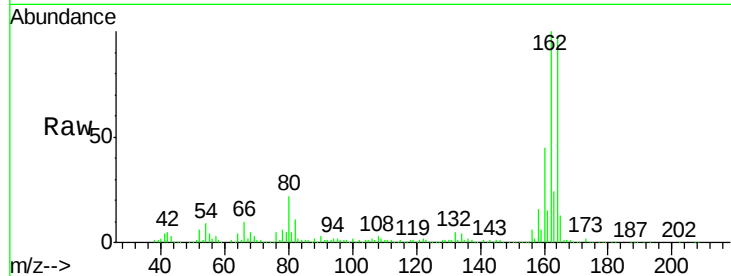
Tgt Ion:164 Resp: 193169

Ion Ratio Lower Upper

164 100

162 102.9 82.8 124.2

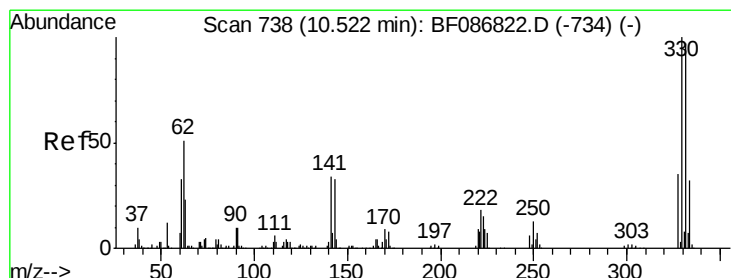
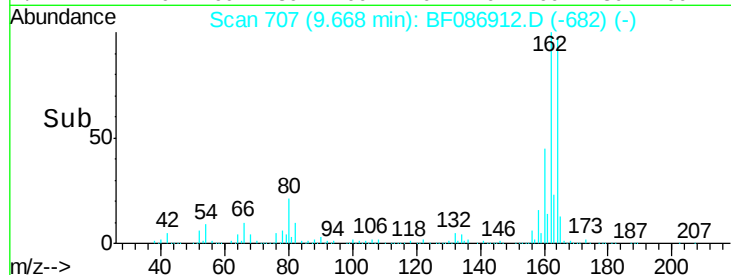
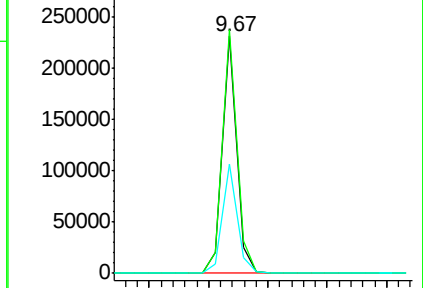
160 46.0 36.9 55.3



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: 85.72 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

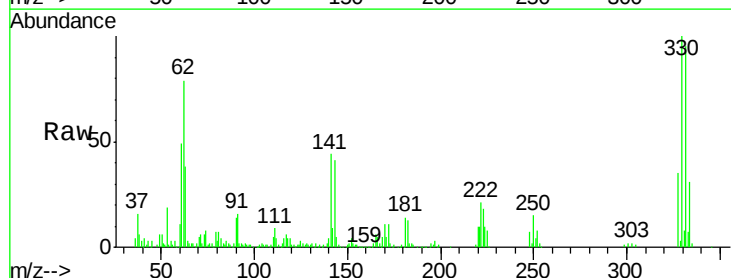
Tgt Ion:330 Resp: 175292

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

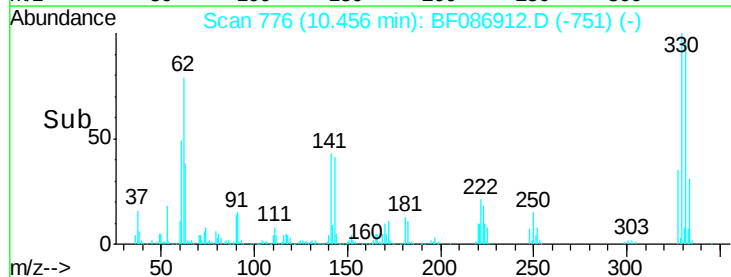
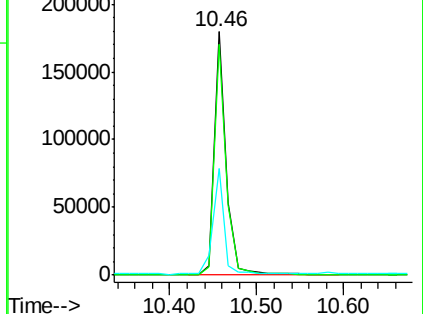
141 41.3 31.2 46.8

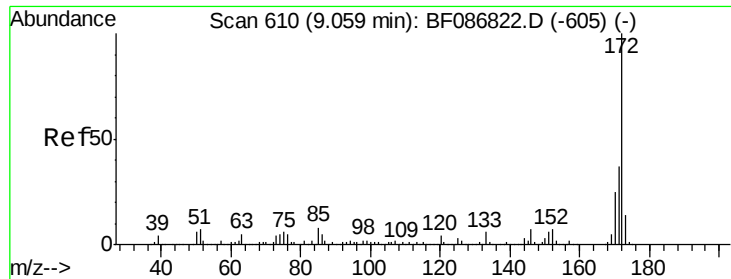


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

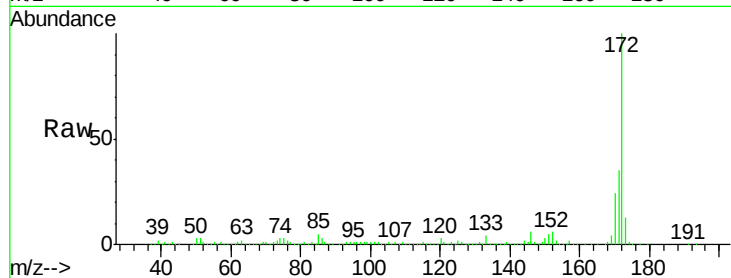




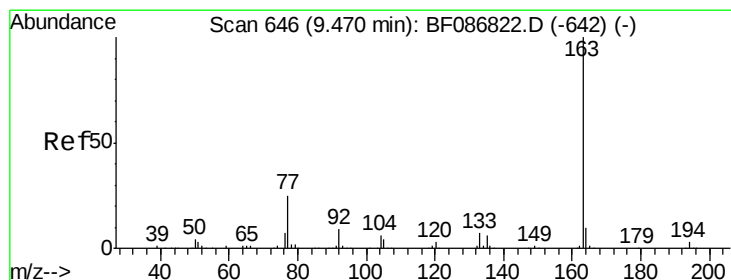
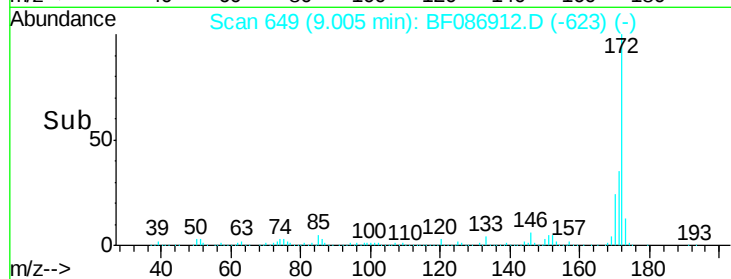
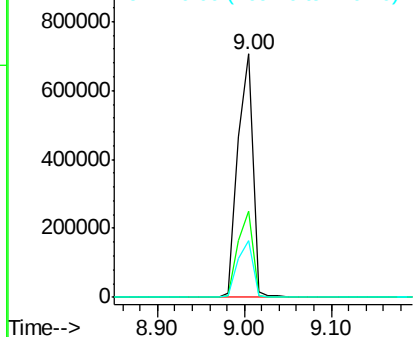
#44
 2-Fluorobiphenyl
 Concen: 72.65 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 E-15(8.5-9)

Tgt Ion:172 Resp: 835047
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.0 43.6
 170 23.6 19.8 29.8

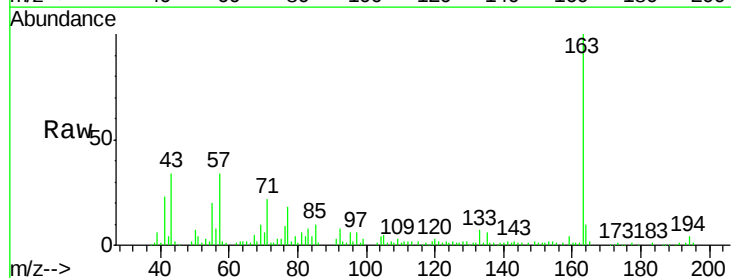


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

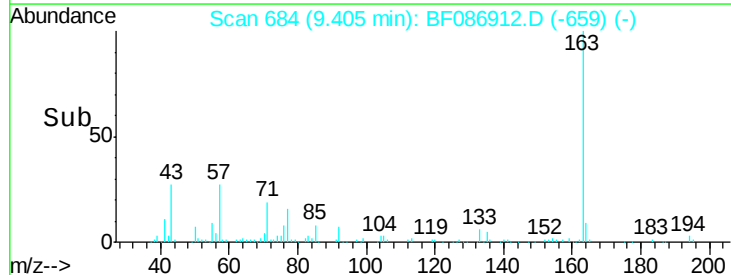
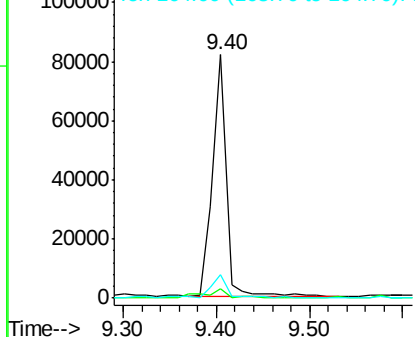


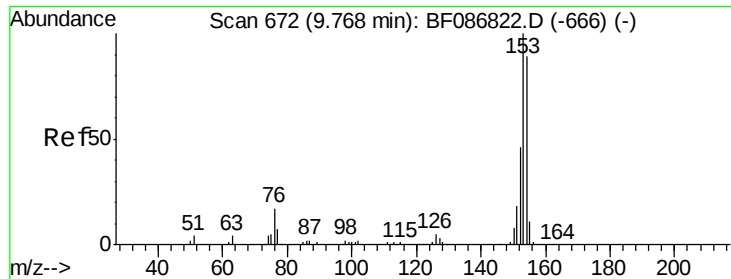
#49
 Dimethylphthalate
 Concen: 5.65 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

Tgt Ion:163 Resp: 83214
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.6 4.0
 164 9.8 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





#51

Acenaphthene

Concen: 6.83 ng

RT: 9.70 min Scan# 710

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

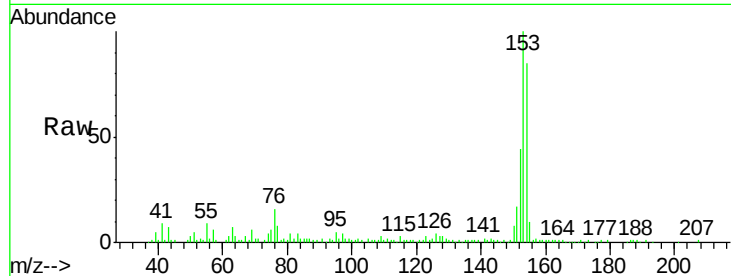
Tgt Ion:154 Resp: 75186

Ion Ratio Lower Upper

154 100

153 117.1 89.8 134.6

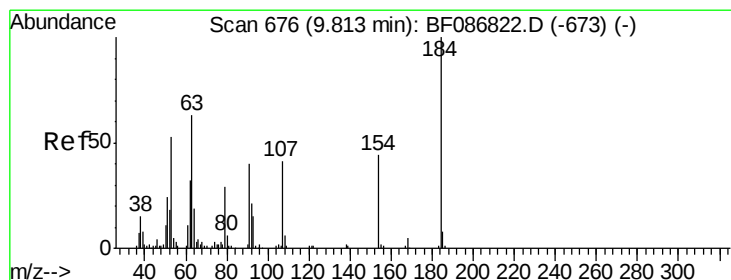
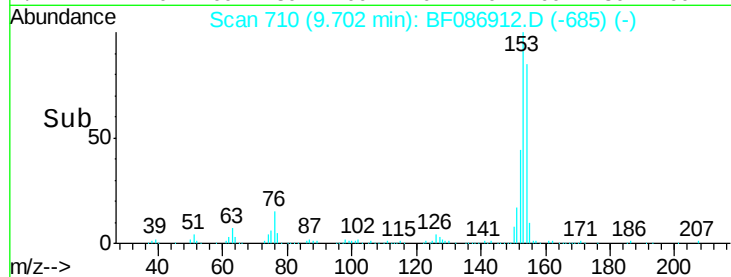
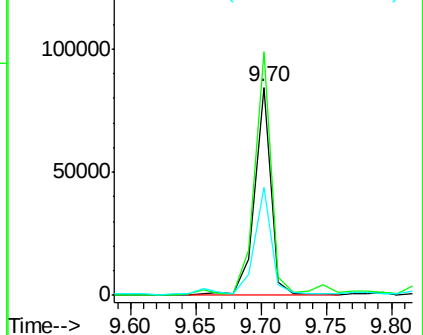
152 52.1 43.4 65.0



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



#53

2,4-Dinitrophenol

Concen: 7.91 ng

RT: 9.92 min Scan# 729

Delta R.T. 0.16 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

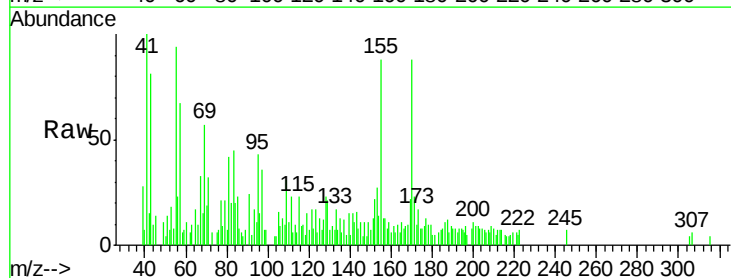
Tgt Ion:184 Resp: 376

Ion Ratio Lower Upper

184 100

63 138.5 55.8 83.8#

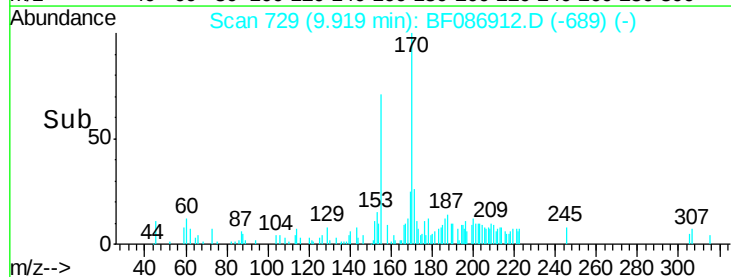
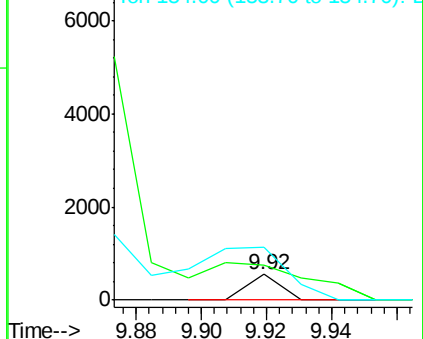
154 206.4 62.4 93.6#

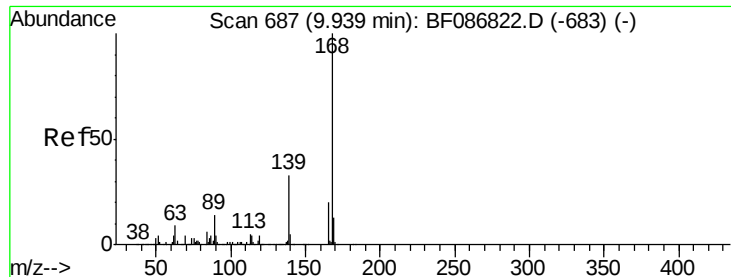


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 4.70 ng

RT: 9.87 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

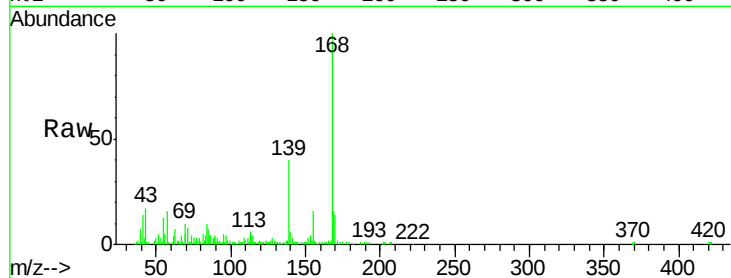
Tgt Ion:168 Resp: 66458

Ion Ratio Lower Upper

168 100

139 40.0 31.4 47.0

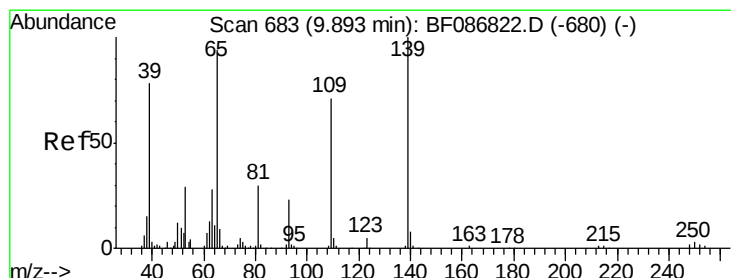
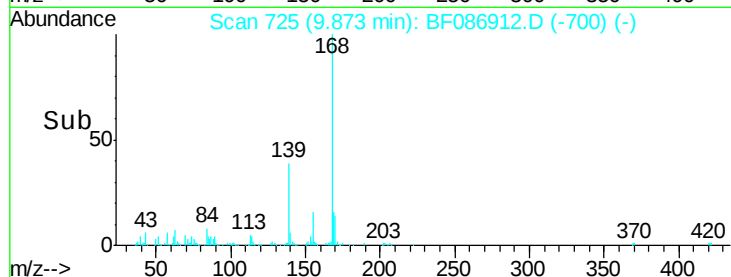
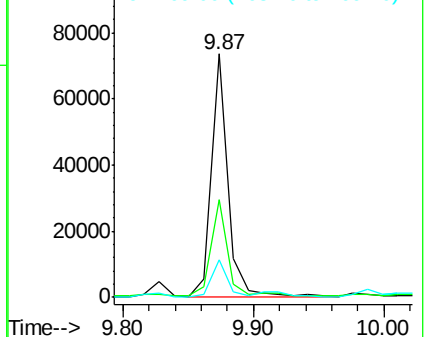
169 15.7 10.7 16.1



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: 4.97 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.06 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

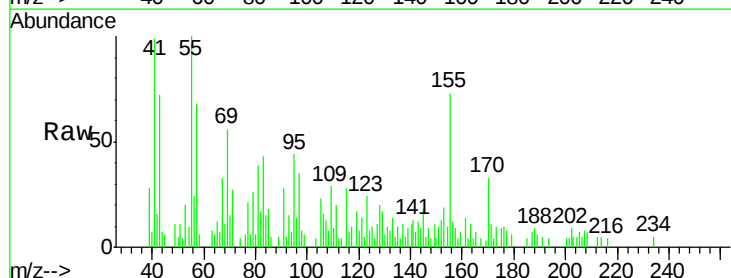
Tgt Ion:139 Resp: 935

Ion Ratio Lower Upper

139 100

109 315.9 36.9 76.9#

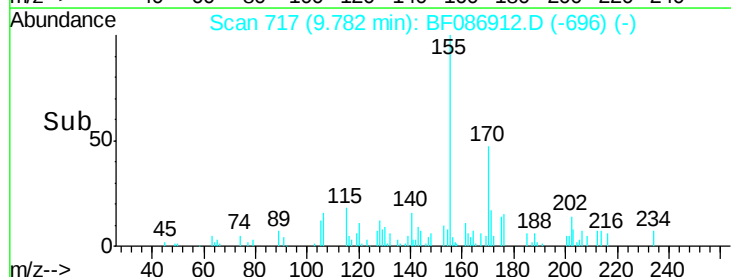
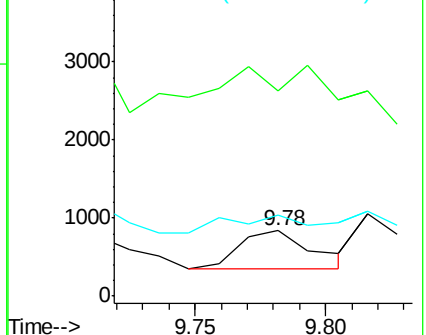
65 125.4 64.0 104.0#

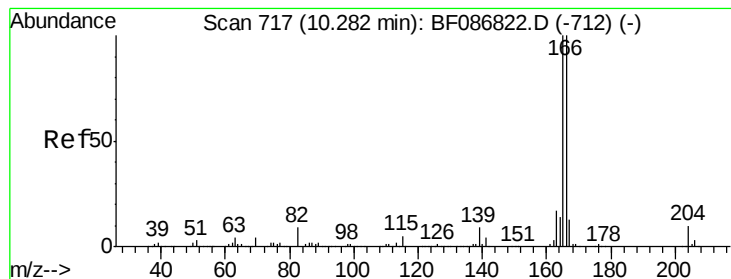


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#57

Fluorene

Concen: 7.18 ng

RT: 10.22 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

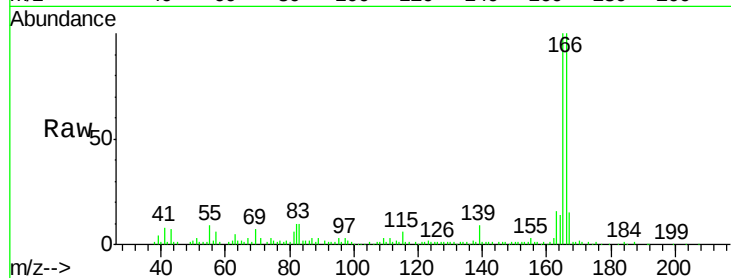
Tgt Ion:166 Resp: 86617

Ion Ratio Lower Upper

166 100

165 99.9 79.0 118.6

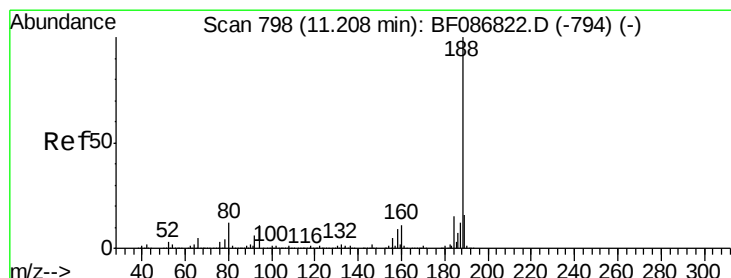
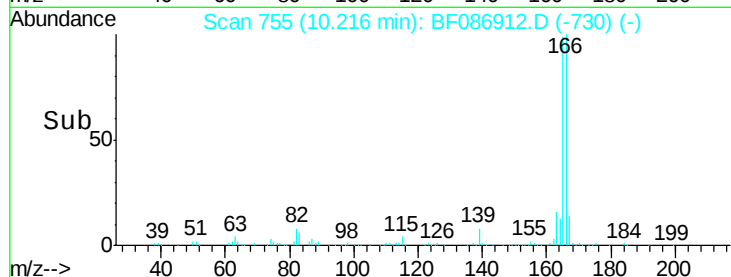
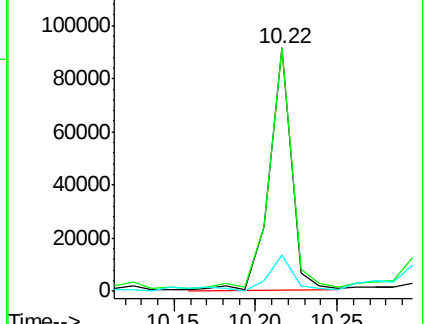
167 14.9 10.6 15.8



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.14 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

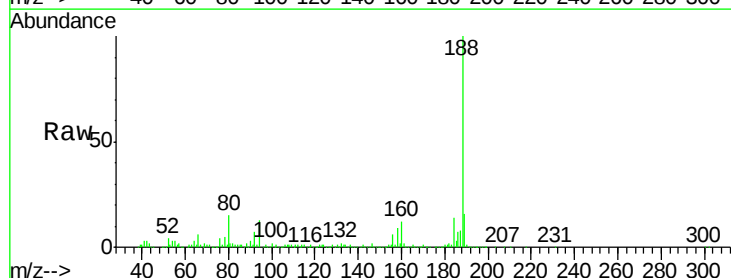
Tgt Ion:188 Resp: 312123

Ion Ratio Lower Upper

188 100

94 12.9 6.8 10.2#

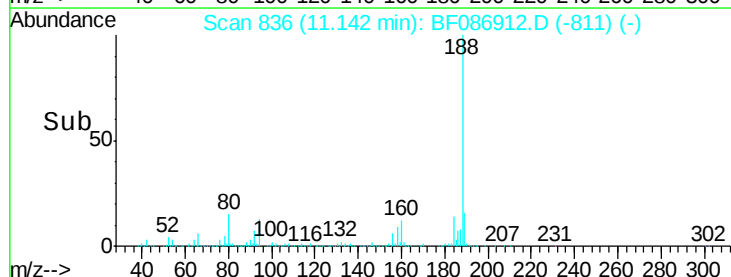
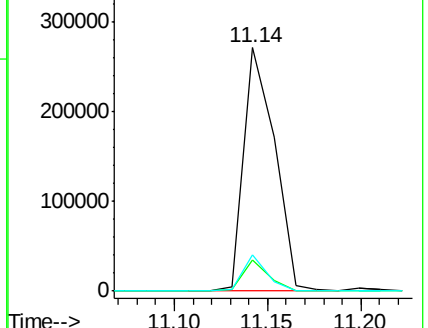
80 15.0 7.1 10.7#

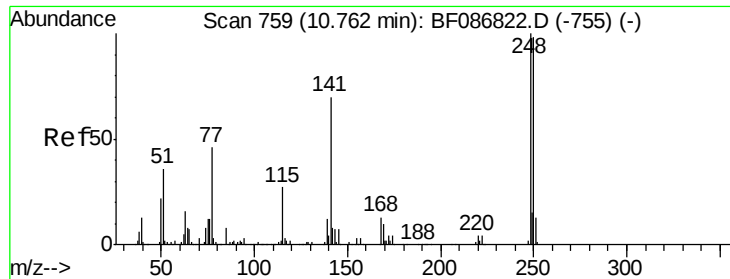


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

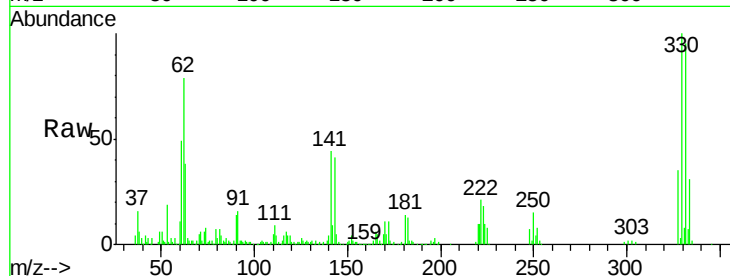




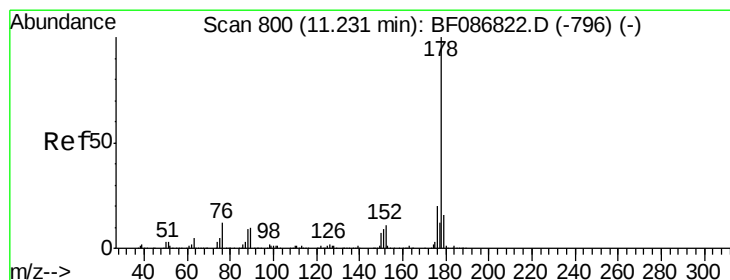
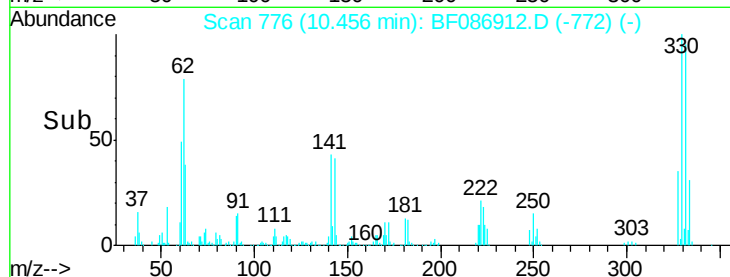
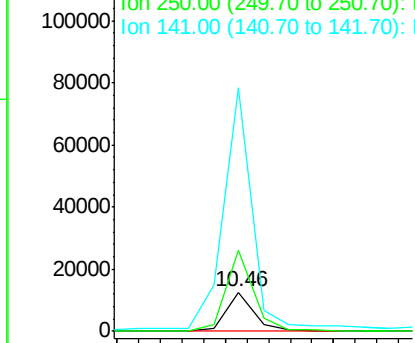
#66
 4-Bromophenyl-phenylether
 Concen: 3.49 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.25 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

Instrument :
 BNA_F
 ClientSampleId :
 E-15(8.5-9)

Tgt Ion:248 Resp: 11054
 Ion Ratio Lower Upper
 248 100
 250 206.4 78.6 117.8#
 141 617.9 76.0 114.0#

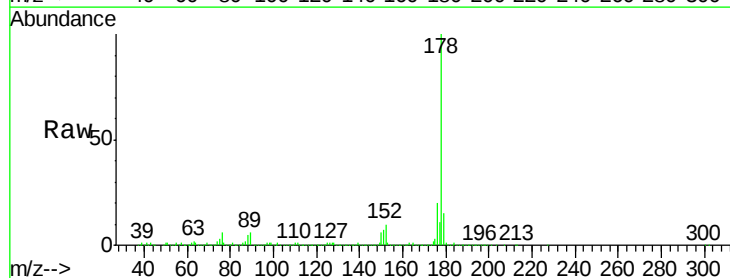


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

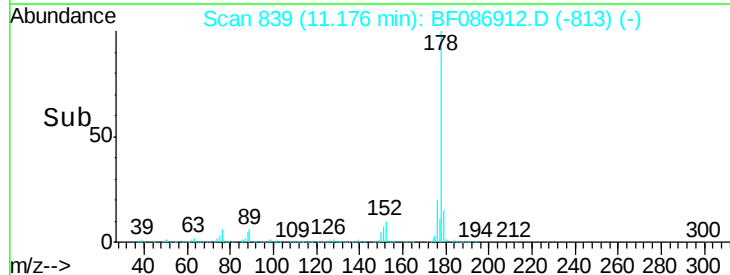
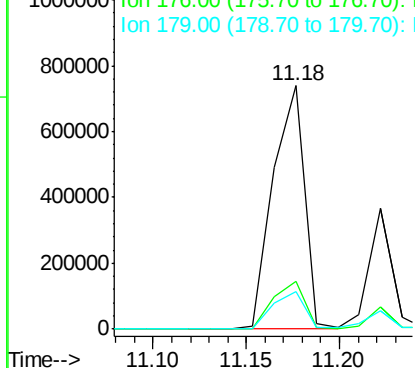


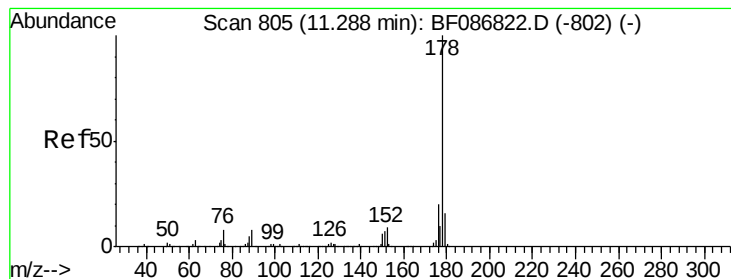
#70
 Phenanthrene
 Concen: 51.91 ng
 RT: 11.18 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF086912.D
 Acq: 12 May 2016 2:53

Tgt Ion:178 Resp: 864703
 Ion Ratio Lower Upper
 178 100
 176 19.7 16.0 24.0
 179 15.5 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: 18.27 ng

RT: 11.22 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

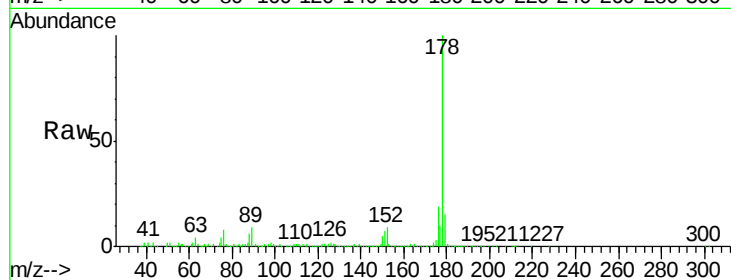
Tgt Ion:178 Resp: 311180

Ion Ratio Lower Upper

178 100

176 18.6 15.6 23.4

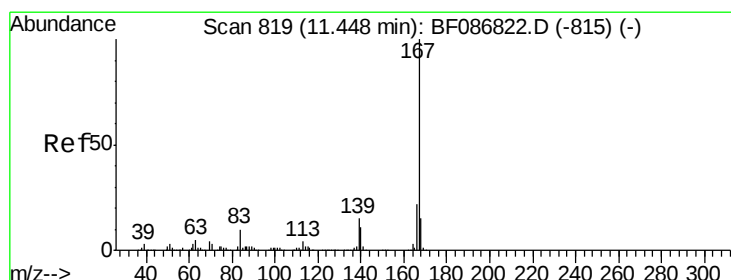
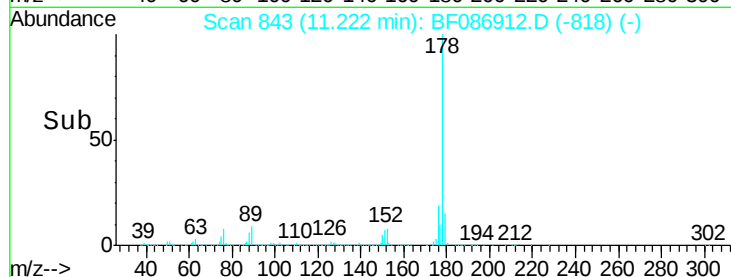
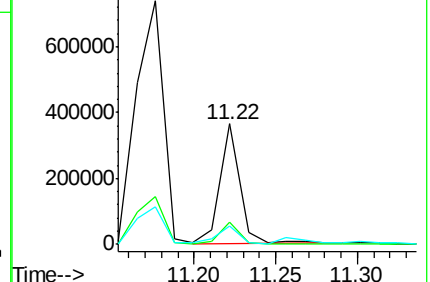
179 15.5 12.7 19.1



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: 3.90 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

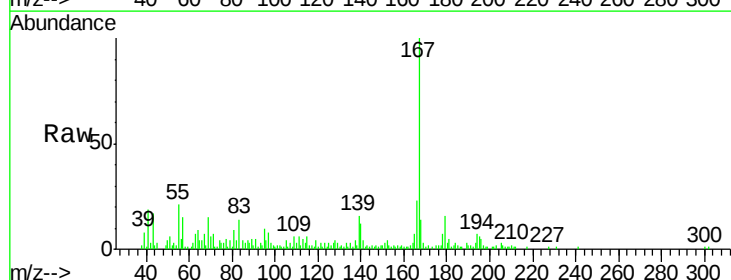
Tgt Ion:167 Resp: 57122

Ion Ratio Lower Upper

167 100

166 23.0 17.7 26.5

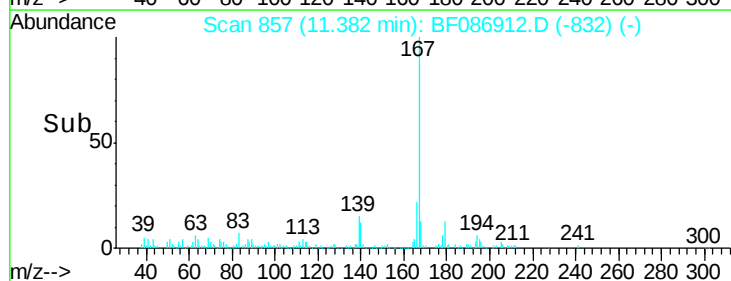
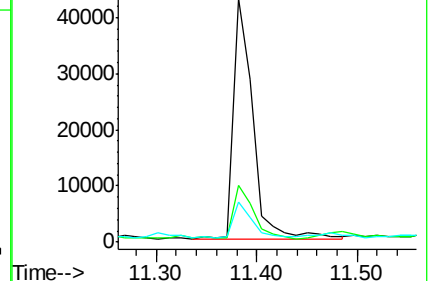
139 16.4 10.8 16.2#

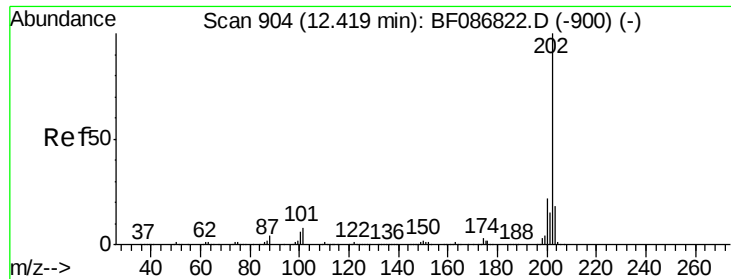


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 82.06 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

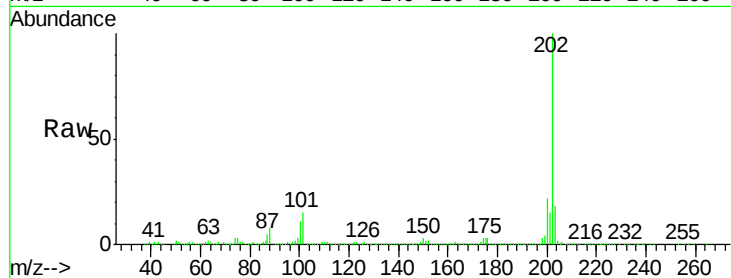
Tgt Ion:202 Resp: 1405825

Ion Ratio Lower Upper

202 100

101 14.7 0.0 35.4

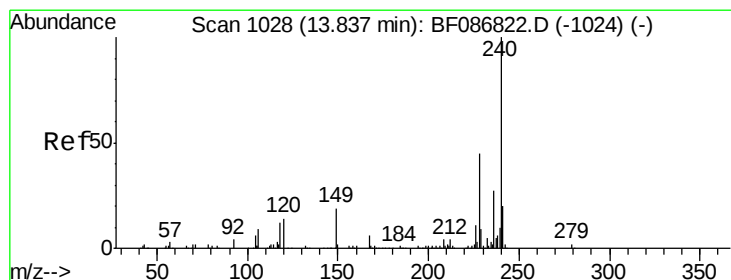
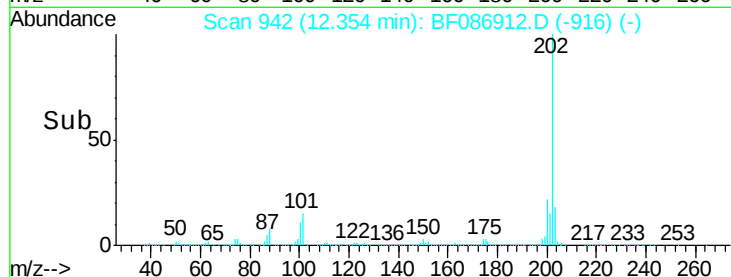
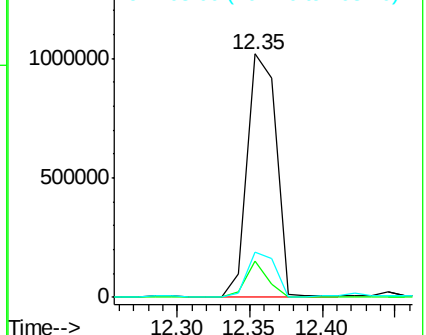
203 18.4 0.0 38.1



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: BF086912.D

Acq: 12 May 2016 2:53

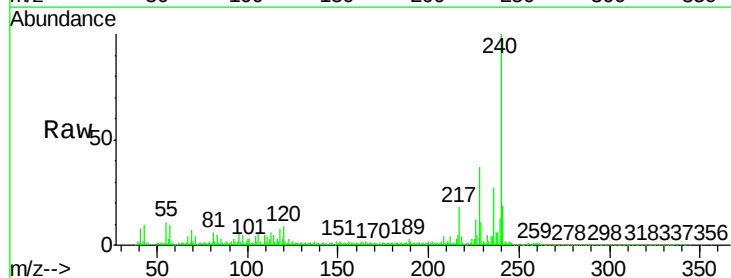
Tgt Ion:240 Resp: 286949

Ion Ratio Lower Upper

240 100

120 9.2 11.2 16.8#

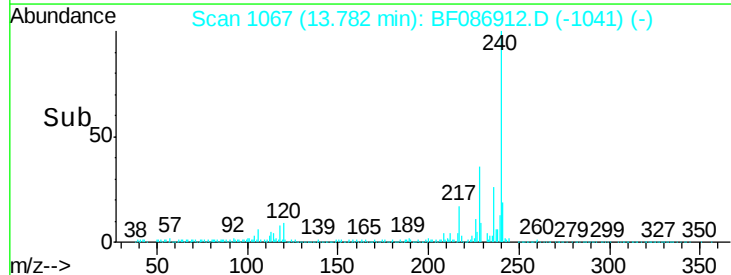
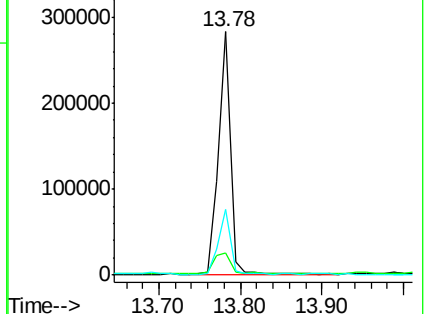
236 26.8 21.2 31.8

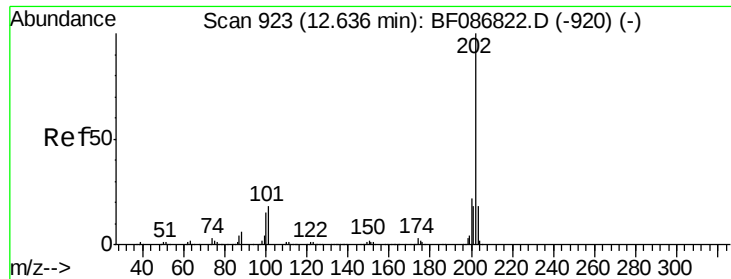


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 57.82 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

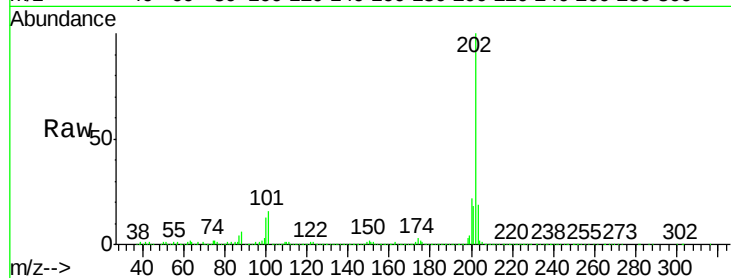
Tgt Ion:202 Resp: 1270287

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

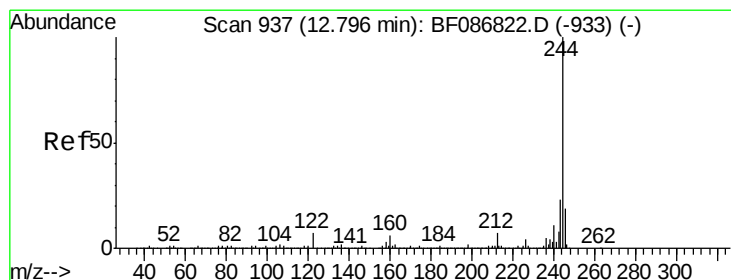
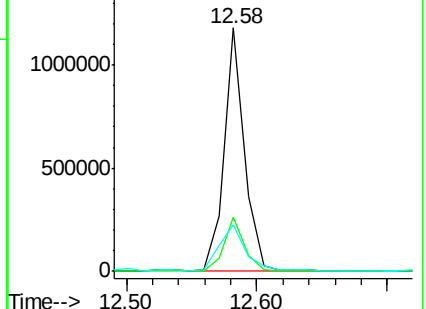
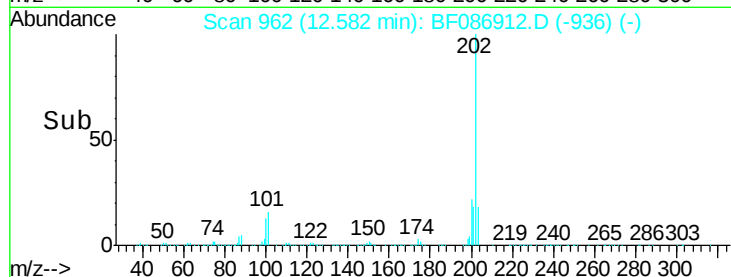
203 18.9 14.2 21.4



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: 45.33 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

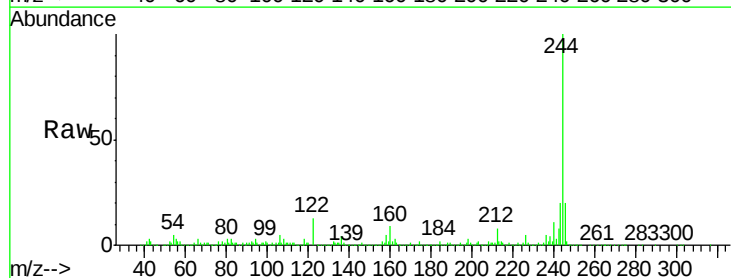
Tgt Ion:244 Resp: 613114

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

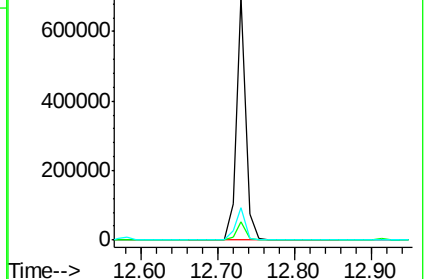
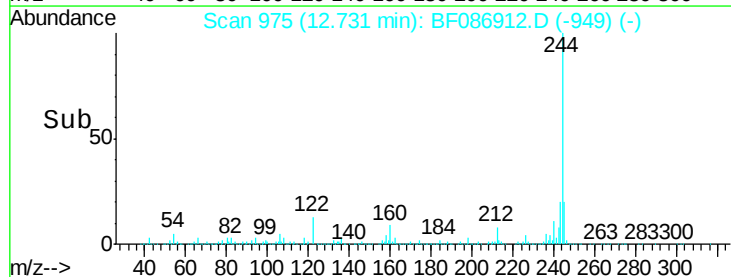
122 13.3 12.0 18.0

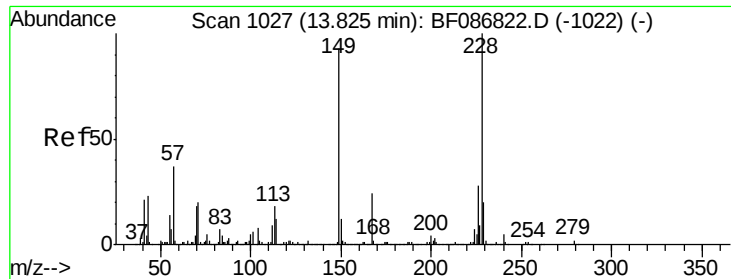


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 49.12 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

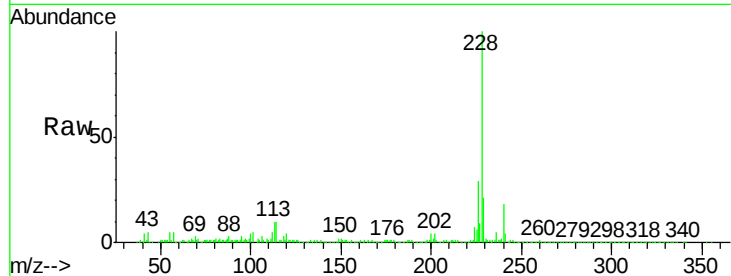
Tgt Ion:228 Resp: 791241

Ion Ratio Lower Upper

228 100

226 29.3 22.5 33.7

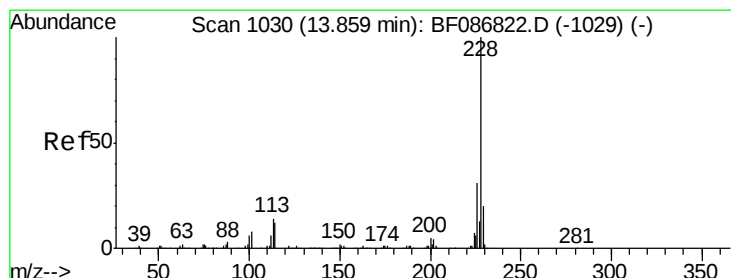
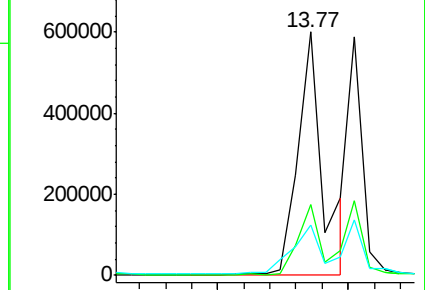
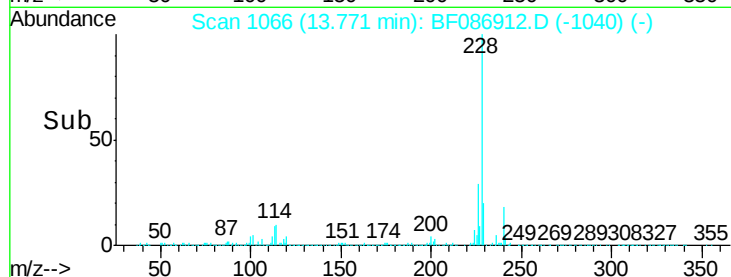
229 20.9 16.6 25.0



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: 48.29 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.03 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

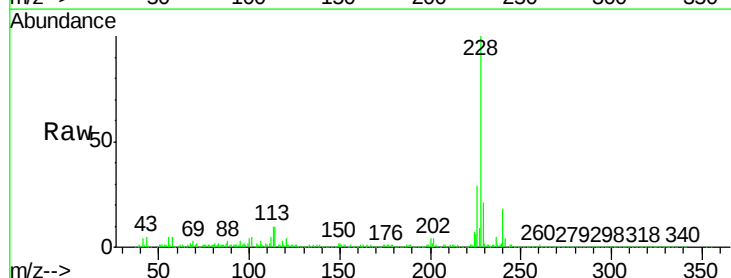
Tgt Ion:228 Resp: 791241

Ion Ratio Lower Upper

228 100

226 29.3 24.4 36.6

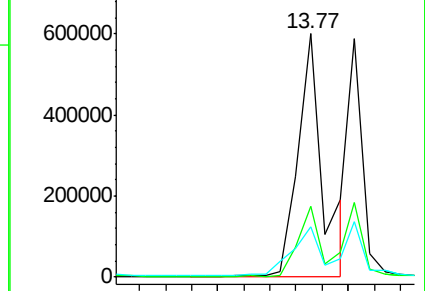
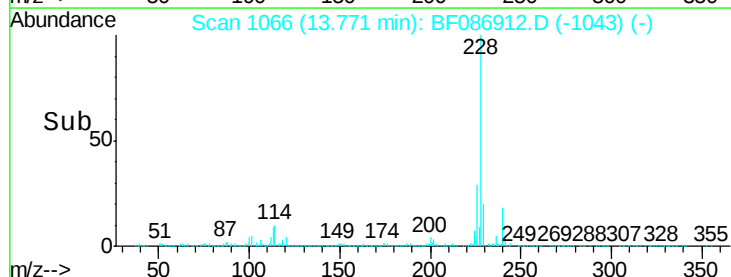
229 20.9 15.8 23.8

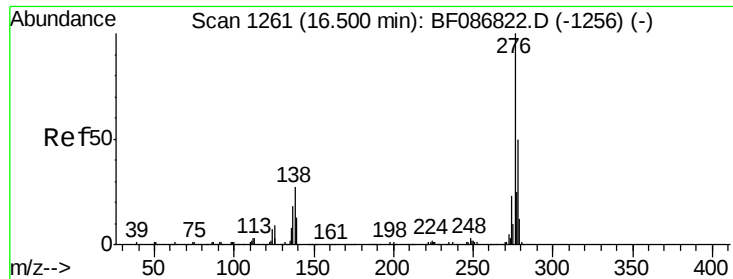


Abundance Ion 228.00 (227.70 to 228.70): E

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: 17.53 ng

RT: 16.40 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

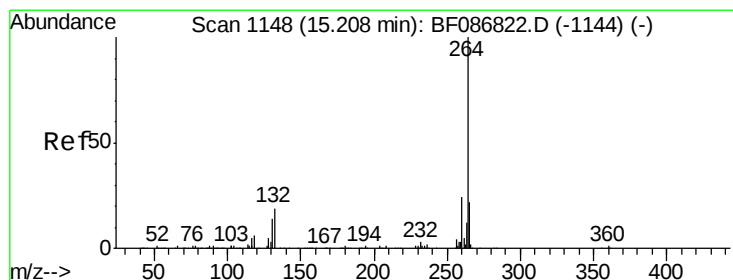
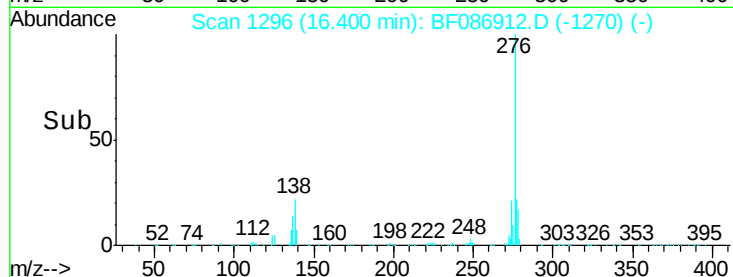
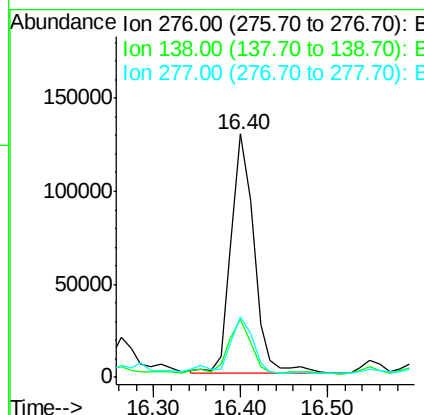
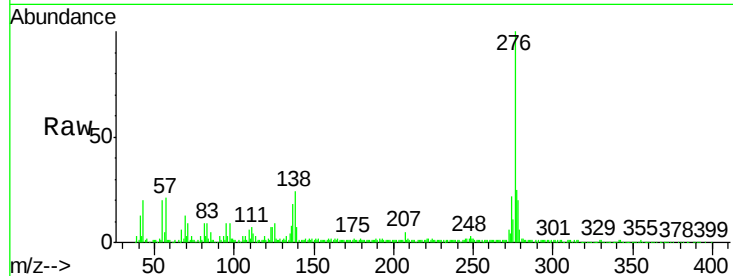
Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

Tgt Ion:	276	Resp:	239035
Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.6	38.4#
277	23.9	20.5	30.7



#86

Perylene-d12

Concen: 20.00 ng

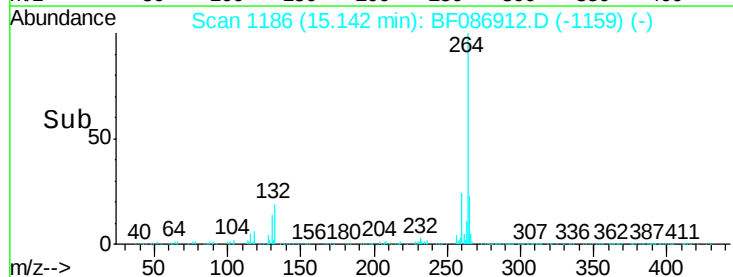
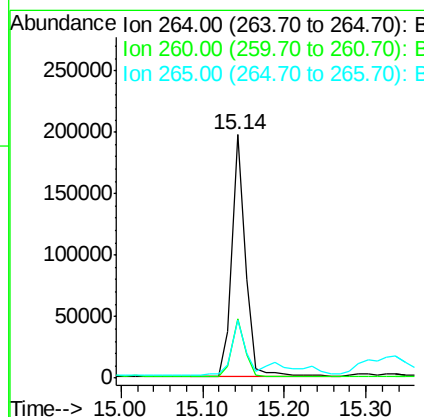
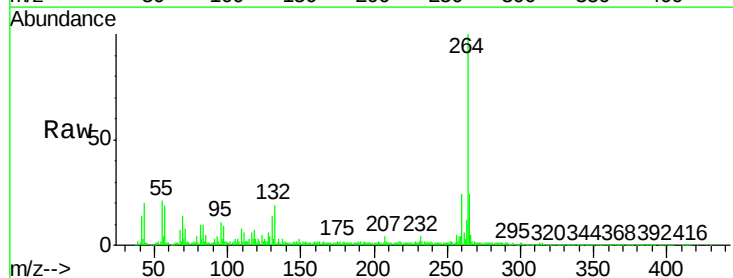
RT: 15.14 min Scan# 1186

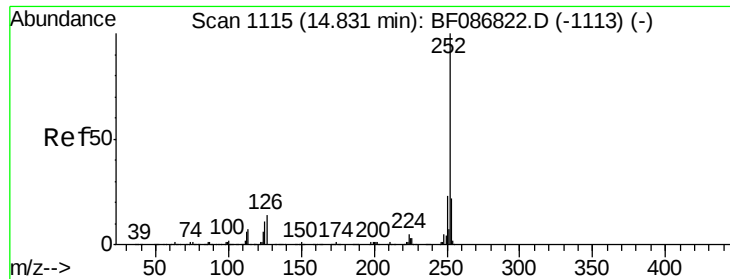
Delta R.T. 0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Tgt Ion:	264	Resp:	231335
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	23.6	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 52.69 ng

RT: 14.78 min Scan# 1154

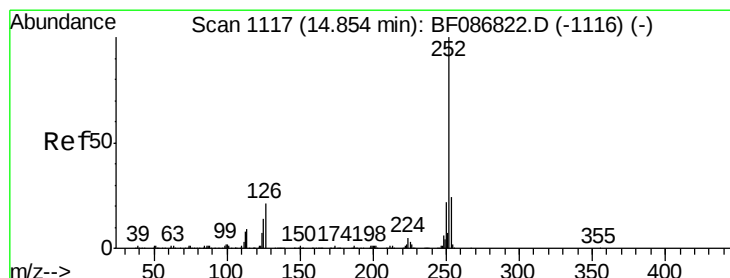
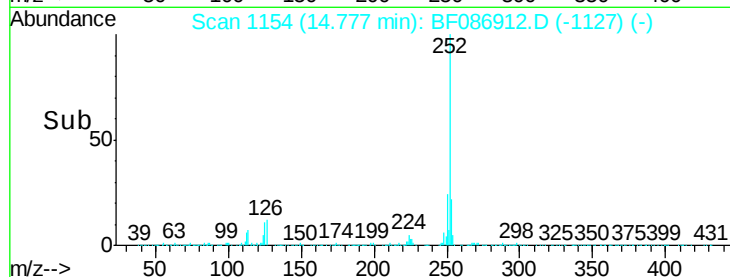
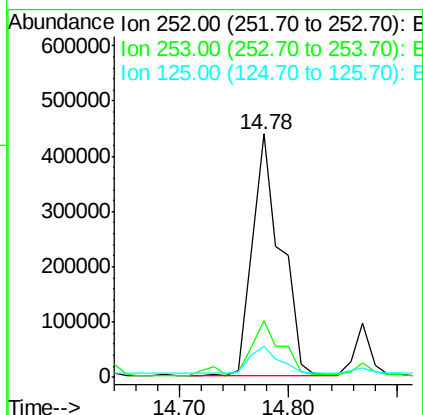
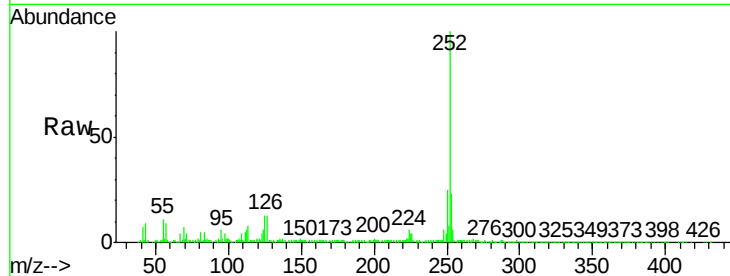
Delta R.T. 0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :
BNA_F
ClientSampleId :
E-15(8.5-9)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	12.9	11.4	17.0



#88

Benzo(k)fluoranthene

Concen: 64.35 ng

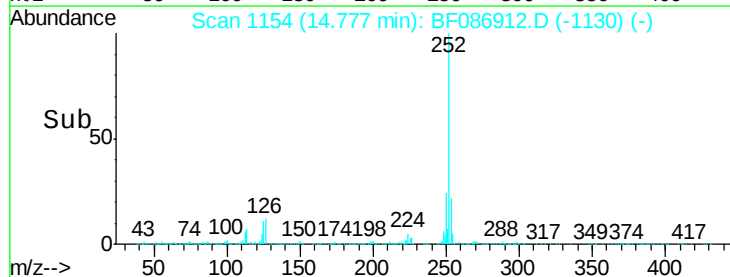
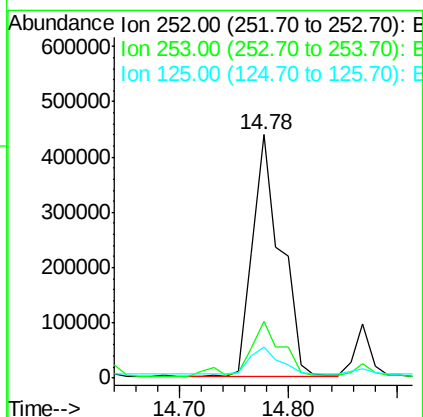
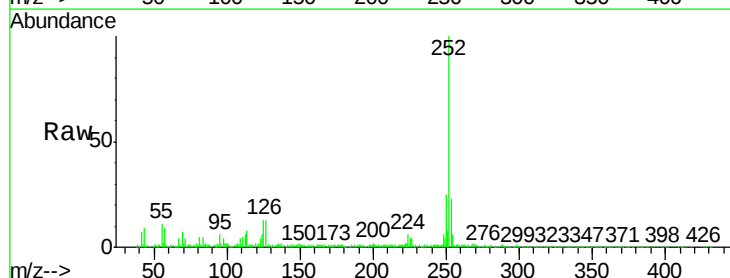
RT: 14.78 min Scan# 1154

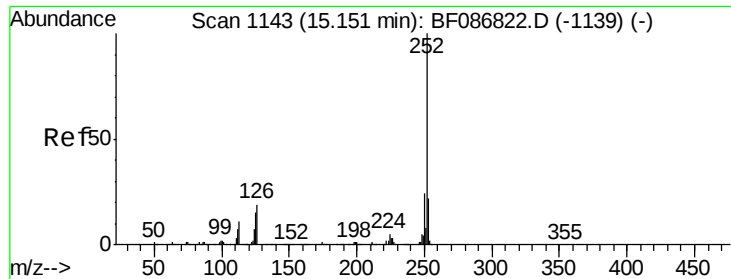
Delta R.T. -0.02 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	12.9	9.1	13.7





#89

Benzo(a)pyrene

Concen: 34.11 ng

RT: 15.10 min Scan# 1182

Delta R.T. 0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

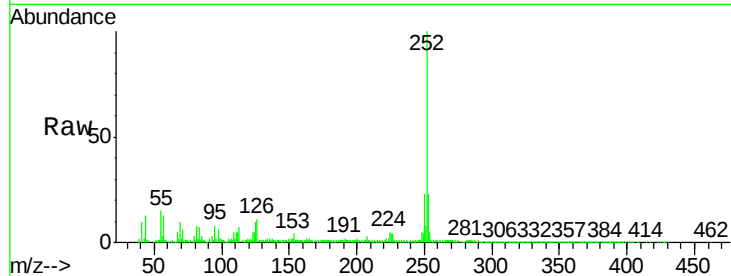
Tgt Ion:252 Resp: 442394

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

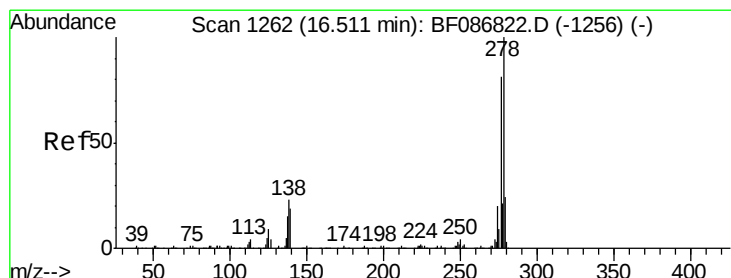
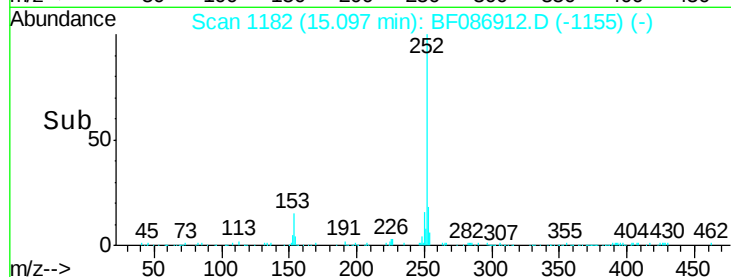
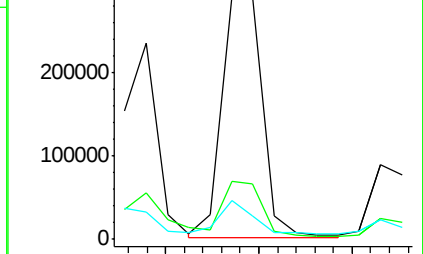
125 9.9 9.0 13.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 6.59 ng

RT: 16.41 min Scan# 1297

Delta R.T. -0.00 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

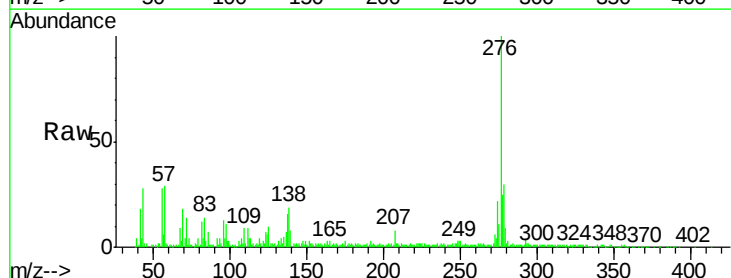
Tgt Ion:278 Resp: 72043

Ion Ratio Lower Upper

278 100

139 24.7 16.6 24.8

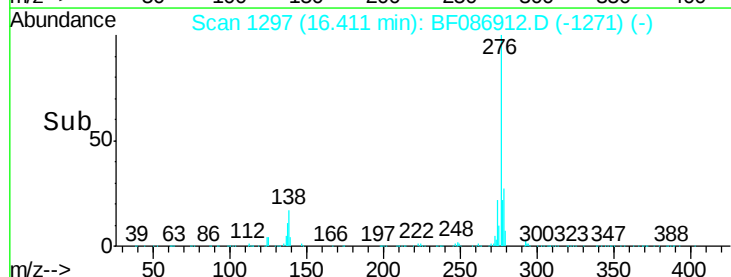
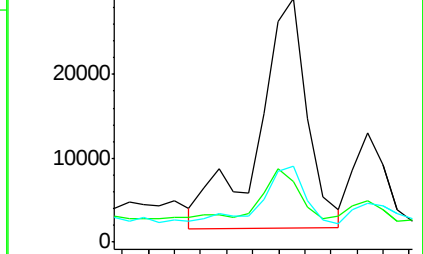
279 31.1 19.6 29.4#

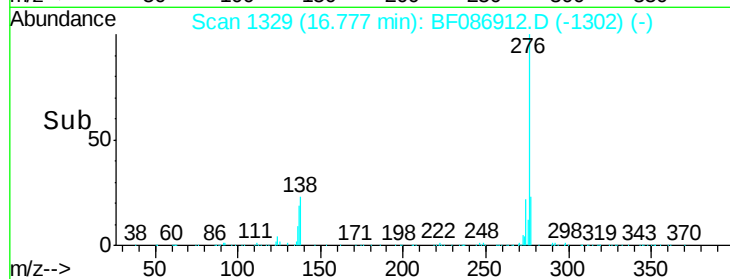
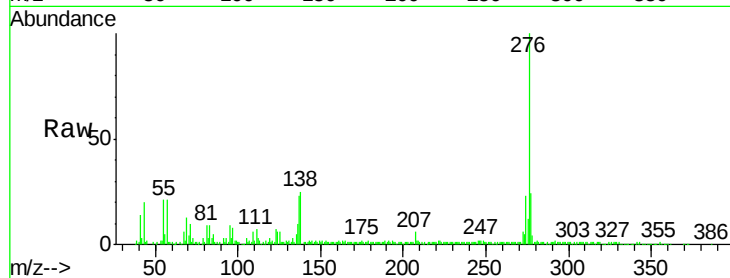
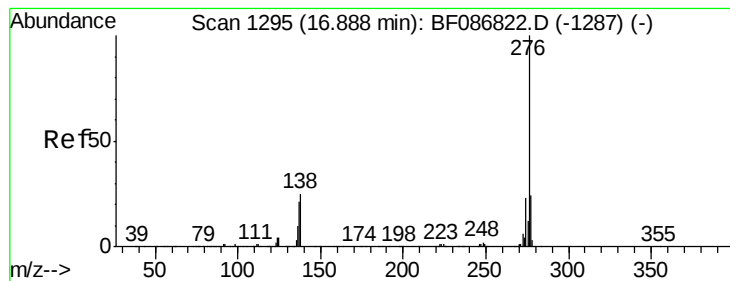


Abundance Ion 278.00 (277.70 to 278.70): E

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: 20.12 ng

RT: 16.78 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF086912.D

Acq: 12 May 2016 2:53

Instrument :

BNA_F

ClientSampleId :

E-15(8.5-9)

Tgt Ion: 276 Resp: 223413

Ion Ratio Lower Upper

276 100

277 24.3 19.6 29.4

138 24.8 23.6 35.4

