

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086946.D
 Acq On : 12 May 2016 22:49
 Operator : UM/SJ
 Sample : H2994-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

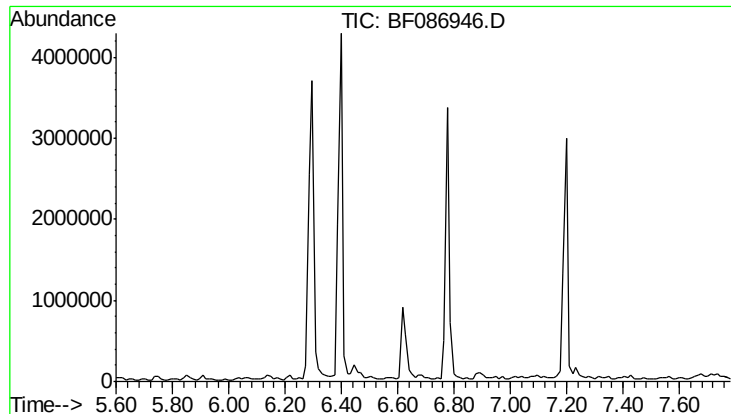
Quant Time: May 13 00:52:00 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng	-6.69
21) Naphthalene-d8	7.91	136	598730	20.00	ng	-0.08
38) Acenaphthene-d10	9.66	164	255920	20.00	ng	-0.08
63) Phenanthrene-d10	11.13	188	371775	20.00	ng	-0.08
75) Chrysene-d12	13.77	240	278147	20.00	ng	-0.07
86) Perylene-d12	15.13	264	318538	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1078501	0.00	ng	-0.07
7) Phenol-d6	6.30	99	1489561	0.00	ng	-0.07
23) Nitrobenzene-d5	7.20	82	984099	82.53	ng	-0.07
41) 2,4,6-Tribromophenol	10.44	330	240162	88.64	ng	-0.08
44) 2-Fluorobiphenyl	8.99	172	1451584	95.33	ng	-0.07
78) Terphenyl-d14	12.72	244	808402	61.67	ng	-0.08

Target Compounds						Qvalue
25) Isophorone	7.20	82	962772	43.52	ng	# 68
31) Naphthalene	7.93	128	227485	7.59	ng	99
33) 4-Chloroaniline	7.93	127	30298	2.60	ng	# 39
37) 2-Methylnaphthalene	8.63	142	122178	6.97	ng	99
48) Acenaphthylene	9.52	152	513817	21.90	ng	98
49) Dimethylphthalate	9.39	163	96754	4.96	ng	99
53) 2,4-Dinitrophenol	9.94	184	844	8.05	ng	# 35
54) Dibenzofuran	9.86	168	82134	4.38	ng	# 95
55) 4-Nitrophenol	9.98	139	4912	6.17	ng	86
60) 4-Chlorophenyl-phenylether	10.02	204	485	Below Cal		# 1
66) 4-Bromophenyl-phenylether	10.44	248	14801	3.93	ng	# 1
70) Phenanthrene	11.16	178	939664	47.36	ng	99
71) Anthracene	11.21	178	400130	19.72	ng	99
72) Carbazole	11.37	167	142289	8.16	ng	98
74) Fluoranthene	12.35	202	1955489	95.83	ng	92
77) Pyrene	12.57	202	1406699	66.06	ng	99
79) Butylbenzylphthalate	13.20	149	66279	7.36	ng	# 78
80) Benzo(a)anthracene	13.79	228	750413	48.06	ng	93
82) Chrysene	13.79	228	746924	47.03	ng	95
85) Indeno(1,2,3-cd)pyrene	16.25	276	118488	8.97	ng	92
87) Benzo(b)fluoranthene	14.77	252	1947645	94.08	ng	97
88) Benzo(k)fluoranthene	14.77	252	1947645	114.90	ng	97
89) Benzo(a)pyrene	15.09	252	874019	48.95	ng	96
90) Dibenzo(a,h)anthracene	16.22	278	106720	7.09	ng	94
91) Benzo(g,h,i)perylene	16.77	276	394305	25.79	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 0.00 ng

Expected RT: 6.69 min

Lab File: BF086946.D

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PM-STA-1335-00(0-3)

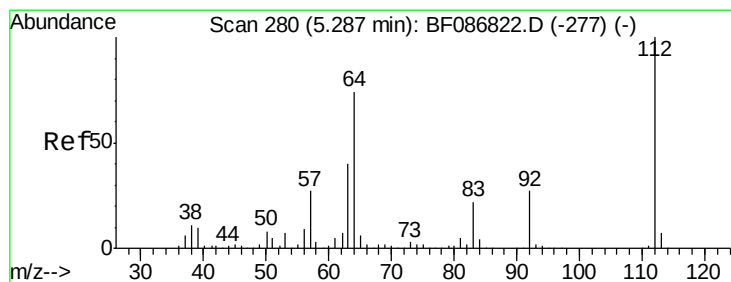
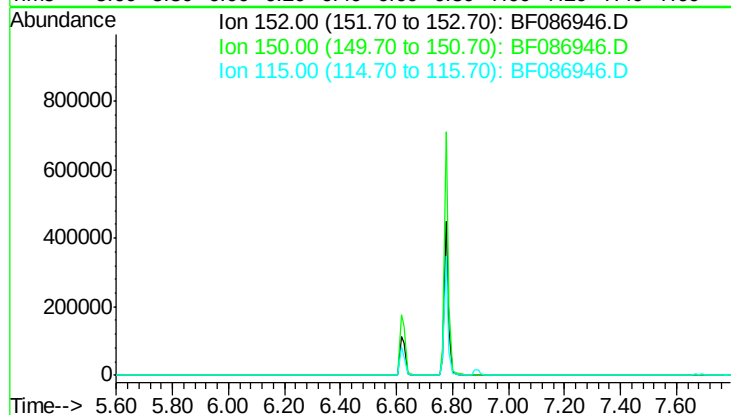
Tgt Ion: 152

Sig Exp Ratio

152 100

150 157.2

115 64.4



#5

2-Fluorophenol

Concen: 0.00 ng

RT: 5.22 min Scan# 318

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

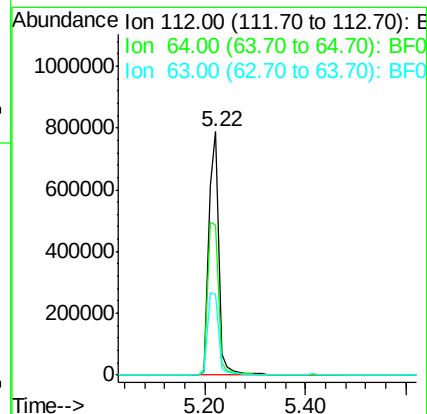
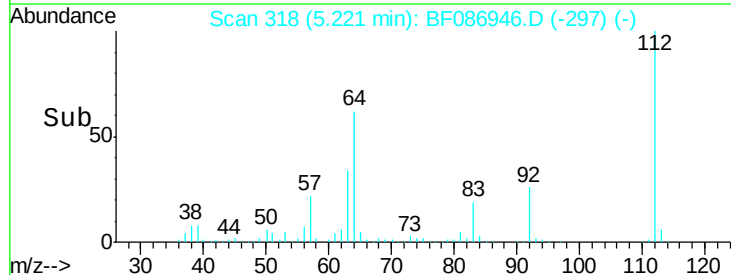
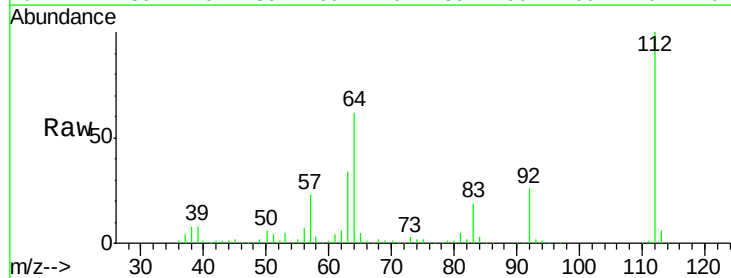
Tgt Ion:112 Resp: 1078501

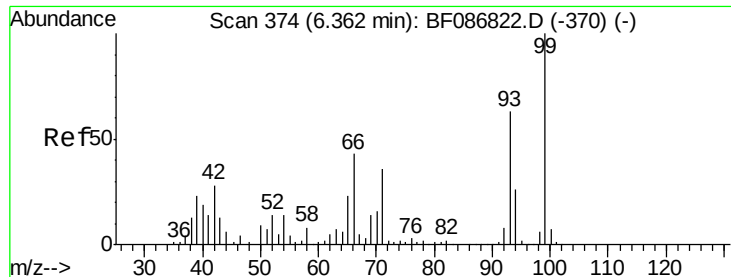
Ion Ratio Lower Upper

112 100

64 61.9 52.1 78.1

63 33.6 25.7 38.5





#7

Phenol-d6

Concen: 0.00 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

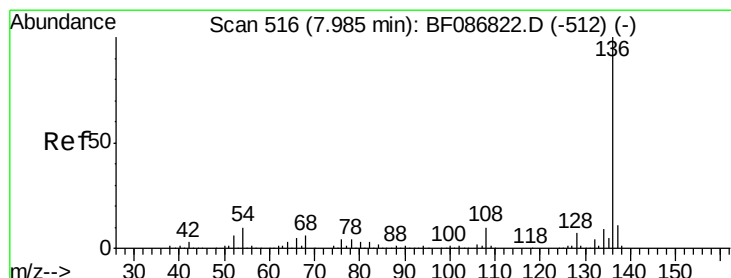
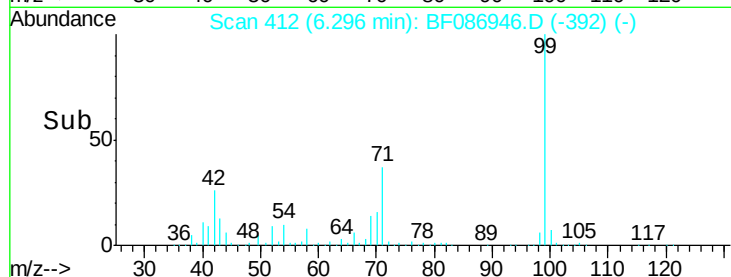
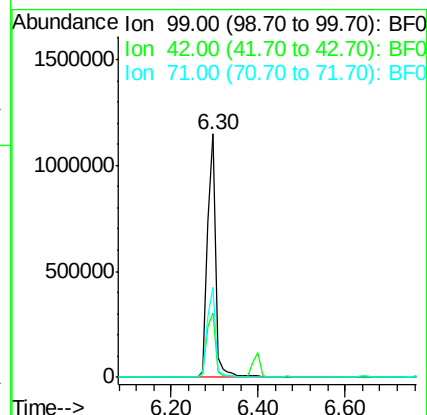
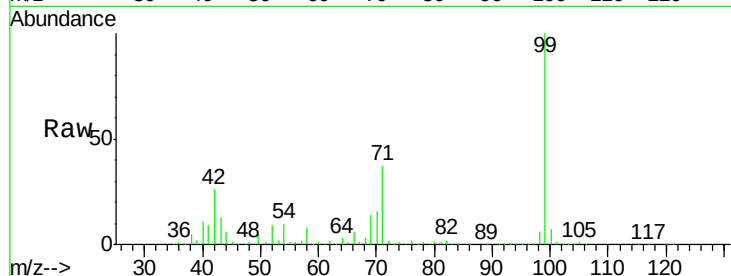
Tgt Ion: 99 Resp: 1489561

Ion Ratio Lower Upper

99 100

42 26.4 13.6 20.4#

71 37.1 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Tgt Ion: 136 Resp: 598730

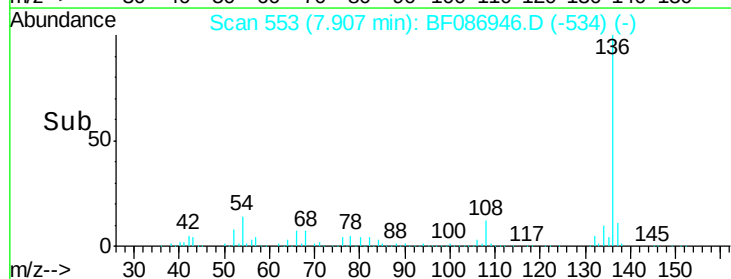
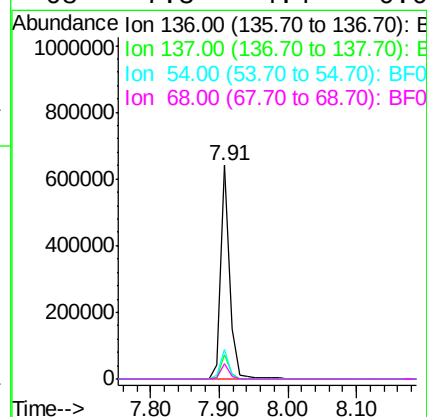
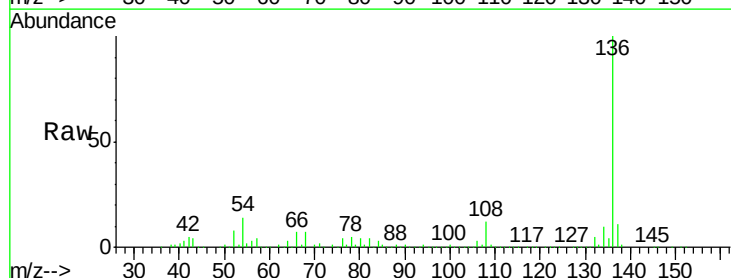
Ion Ratio Lower Upper

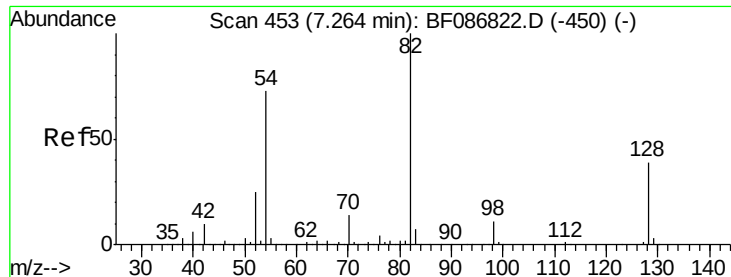
136 100

137 11.3 8.8 13.2

54 13.8 5.0 7.4#

68 7.3 4.4 6.6#

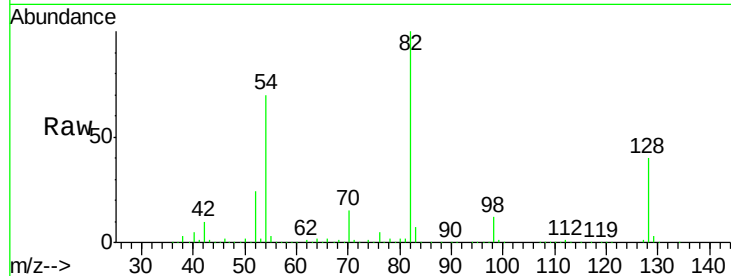




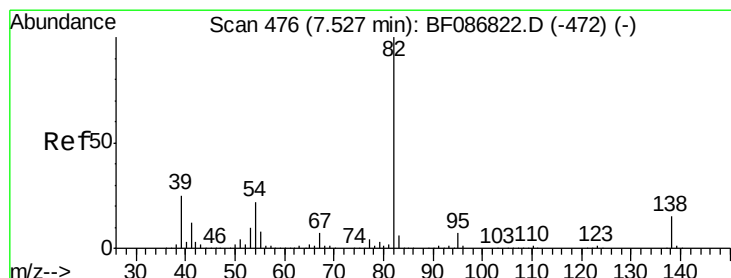
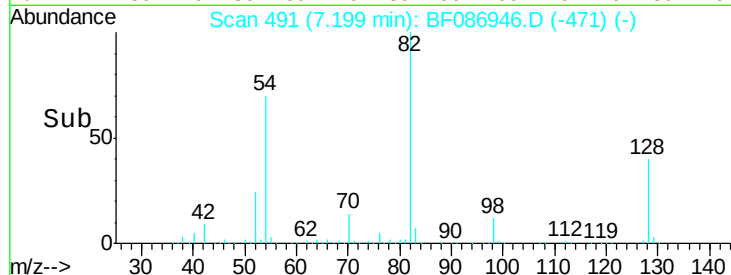
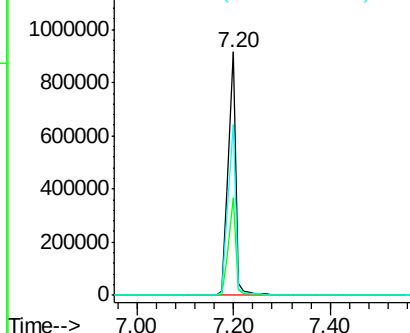
#23
 Nitrobenzene-d5
 Concen: 82.53 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.07 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

Tgt Ion: 82 Resp: 984099
 Ion Ratio Lower Upper
 82 100
 128 40.2 40.6 61.0#
 54 69.9 38.1 57.1#

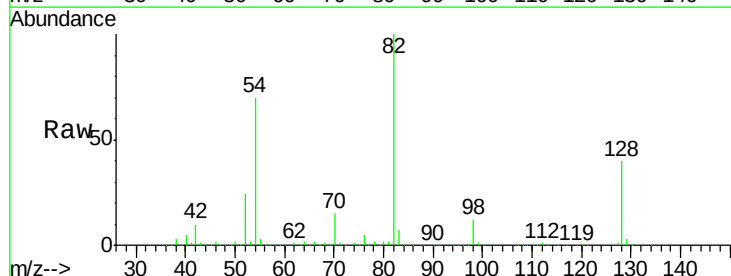


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

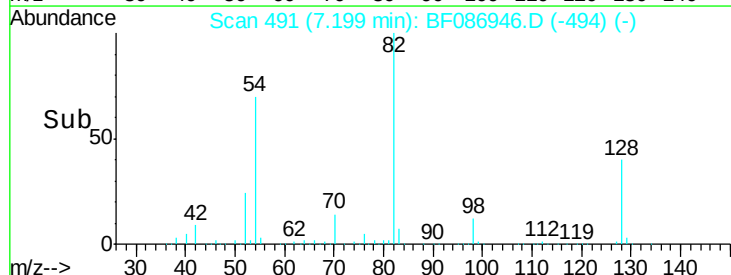
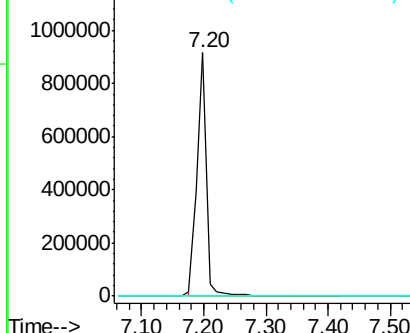


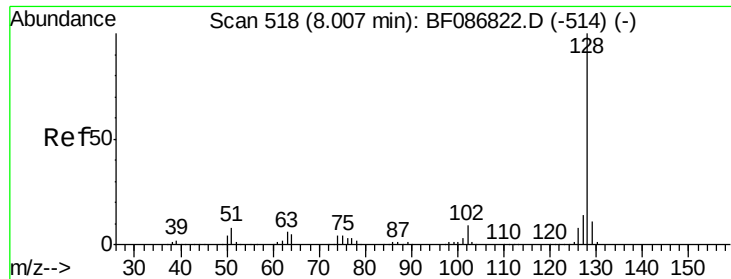
#25
 Isophorone
 Concen: 43.52 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.33 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Tgt Ion: 82 Resp: 962772
 Ion Ratio Lower Upper
 82 100
 95 0.1 5.1 7.7#
 138 0.0 12.4 18.6#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

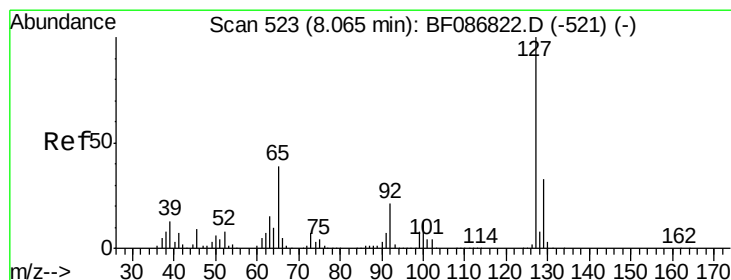
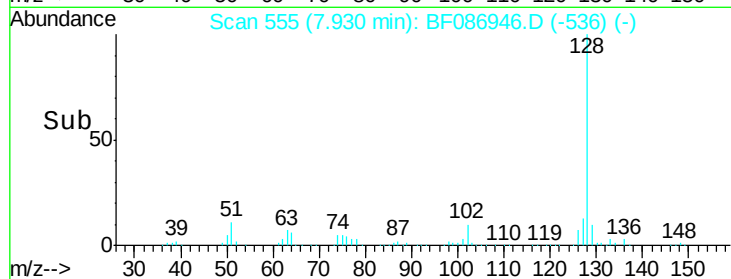
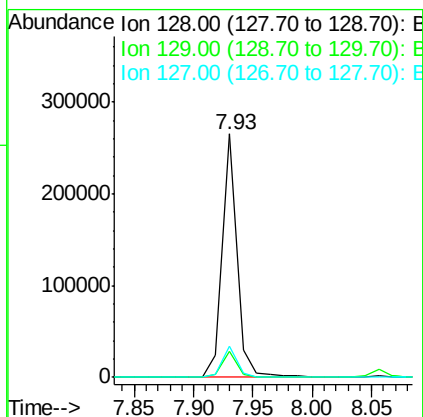
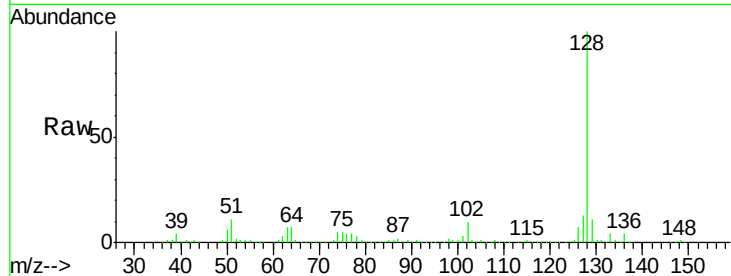




#31
Naphthalene
Concen: 7.59 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.08 min
Lab File: BF086946.D
Acq: 12 May 2016 22:49

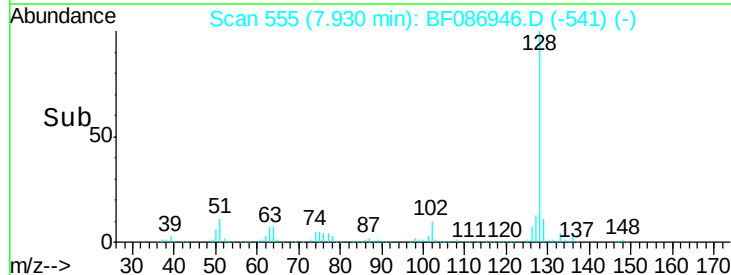
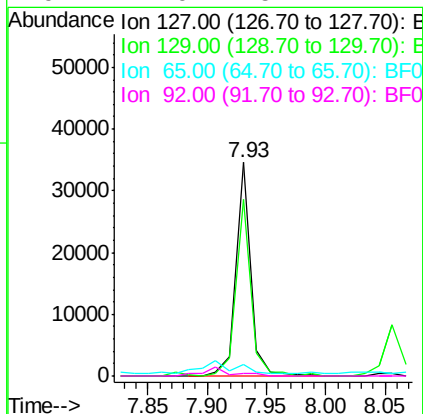
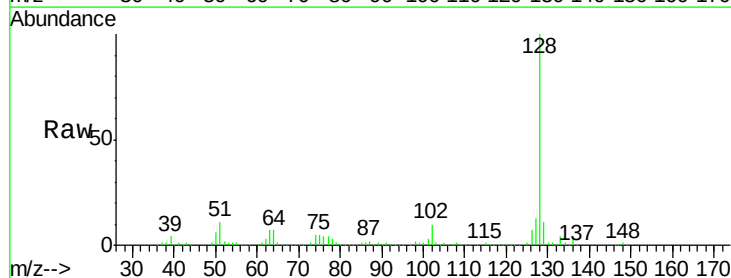
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)

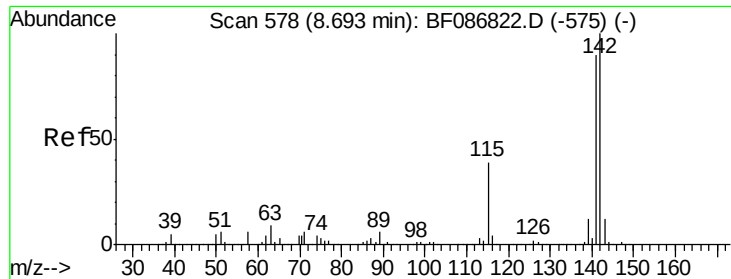
Tgt Ion:128 Resp: 227485
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.0 10.8 16.2



#33
4-Chloroaniline
Concen: 2.60 ng
RT: 7.93 min Scan# 555
Delta R.T. -0.13 min
Lab File: BF086946.D
Acq: 12 May 2016 22:49

Tgt Ion:127 Resp: 30298
Ion Ratio Lower Upper
127 100
129 82.4 26.2 39.4#
65 5.1 23.0 34.4#
92 1.0 15.1 22.7#

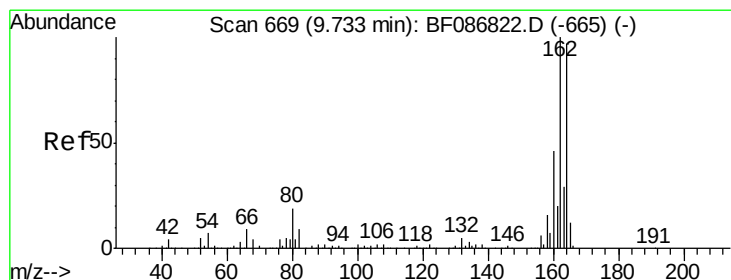
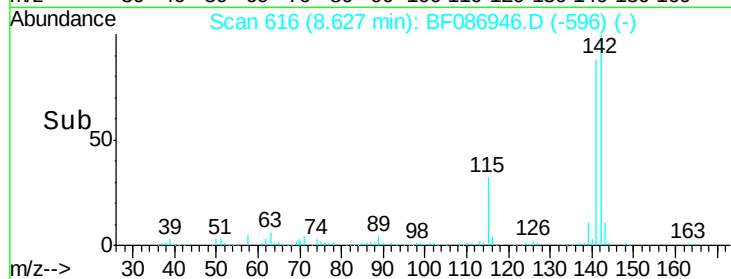
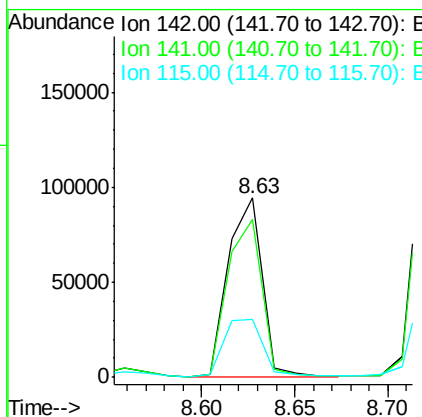
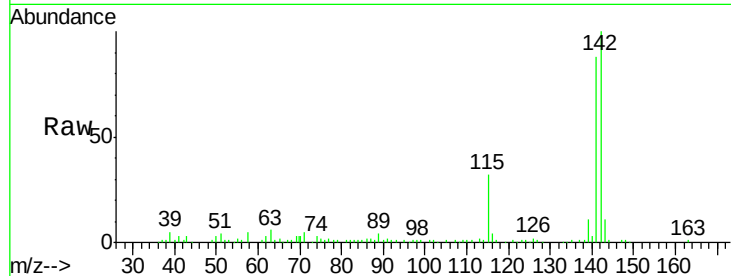




#37
 2-Methylnaphthalene
 Concen: 6.97 ng
 RT: 8.63 min Scan# 616
 Delta R.T. -0.07 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

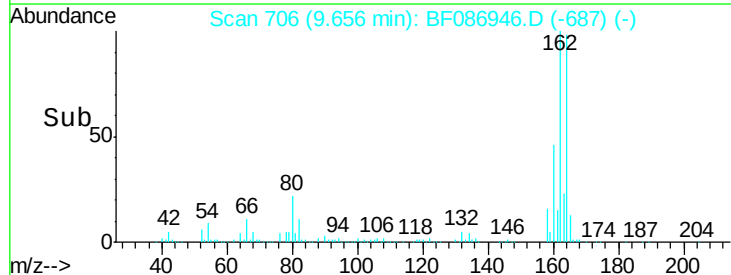
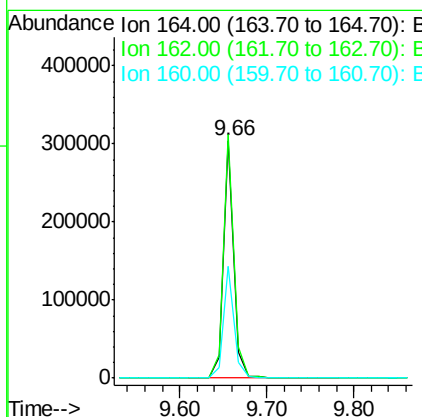
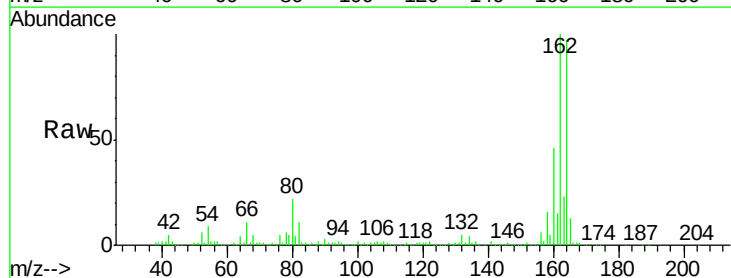
Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

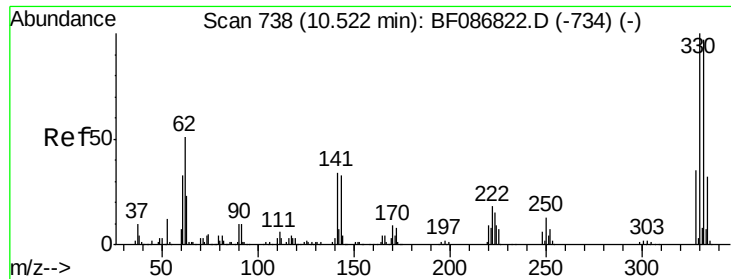
Tgt Ion:142 Resp: 122178
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 32.4 26.6 39.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.66 min Scan# 706
 Delta R.T. -0.08 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Tgt Ion:164 Resp: 255920
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.8 124.2
 160 47.2 36.9 55.3

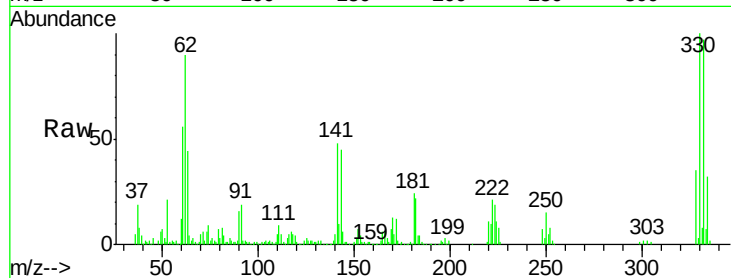




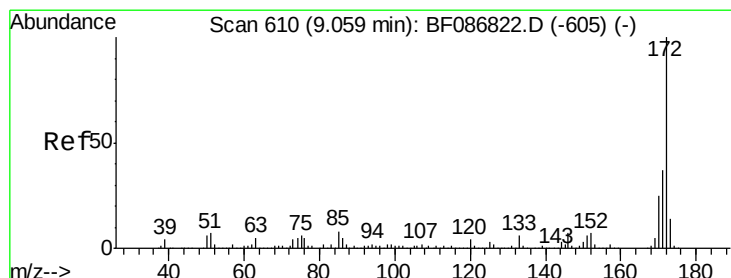
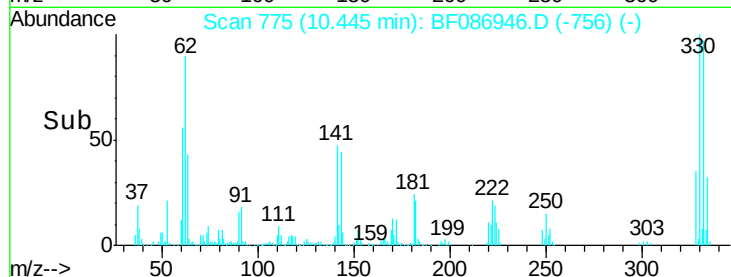
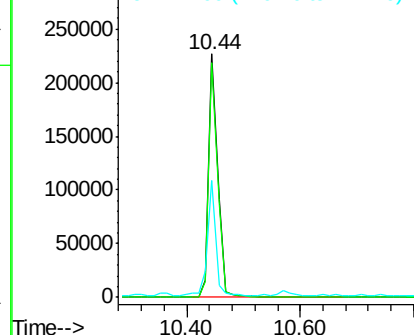
#41
 2,4,6-Tribromophenol
 Concen: 88.64 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.08 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

Tgt Ion:330 Resp: 240162
 Ion Ratio Lower Upper
 330 100
 332 95.7 79.0 118.4
 141 44.3 31.2 46.8

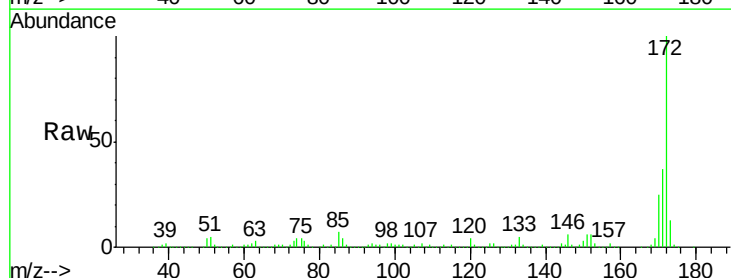


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

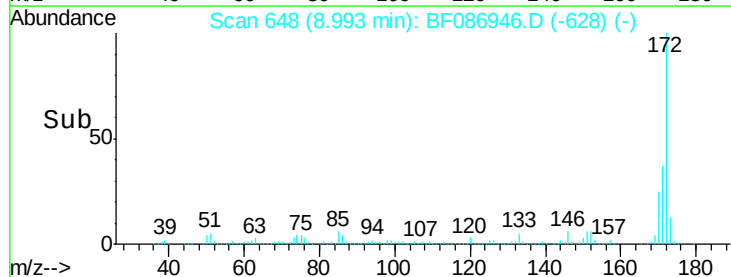
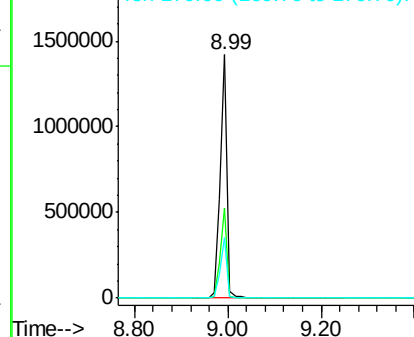


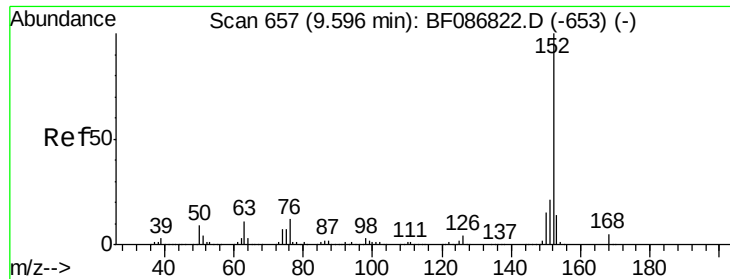
#44
 2-Fluorobiphenyl
 Concen: 95.33 ng
 RT: 8.99 min Scan# 648
 Delta R.T. -0.07 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Tgt Ion:172 Resp: 1451584
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.8 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





#48

Acenaphthylene

Concen: 21.90 ng

RT: 9.52 min Scan# 694

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

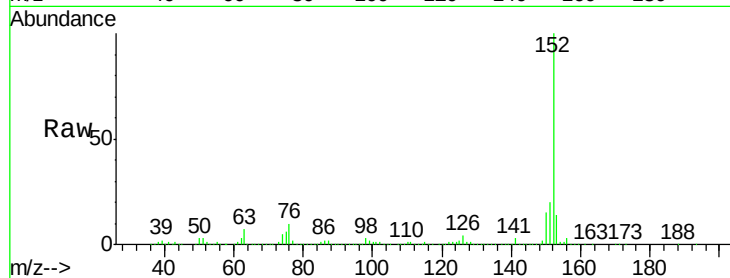
Tgt Ion:152 Resp: 513817

Ion Ratio Lower Upper

152 100

151 20.0 16.8 25.2

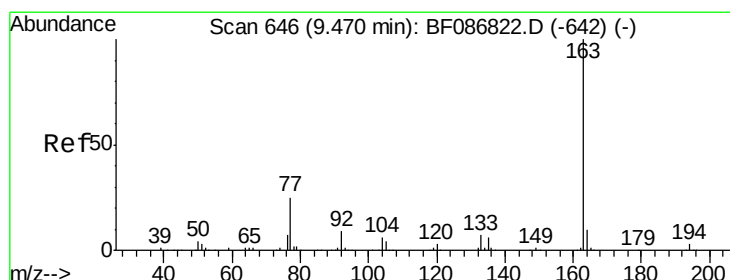
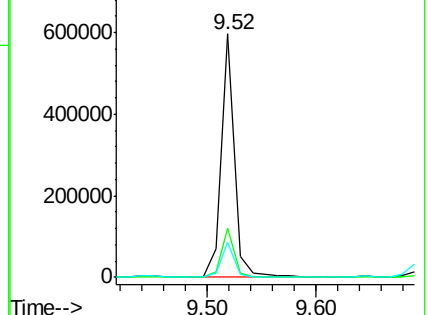
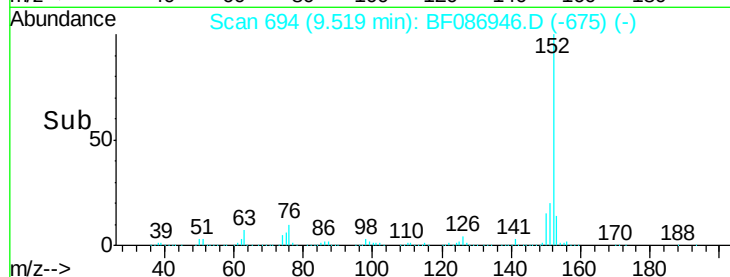
153 14.2 10.9 16.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.96 ng

RT: 9.39 min Scan# 683

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

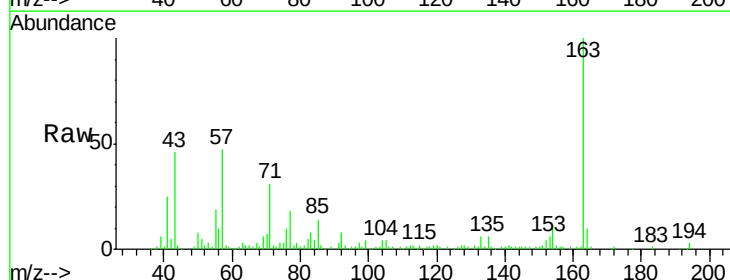
Tgt Ion:163 Resp: 96754

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

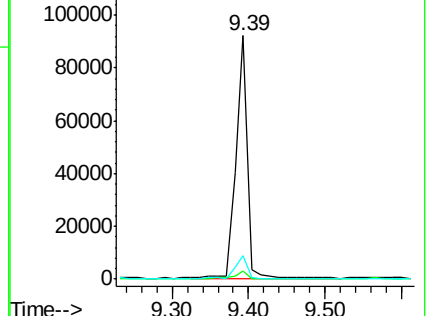
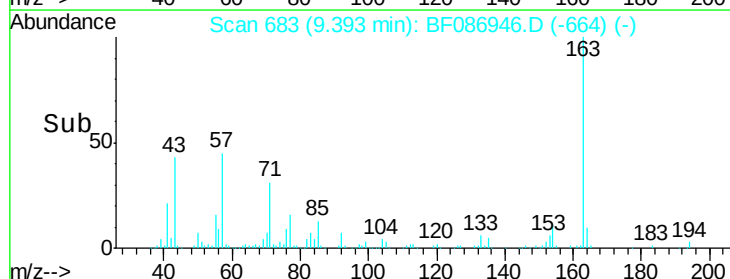
164 9.8 8.2 12.4

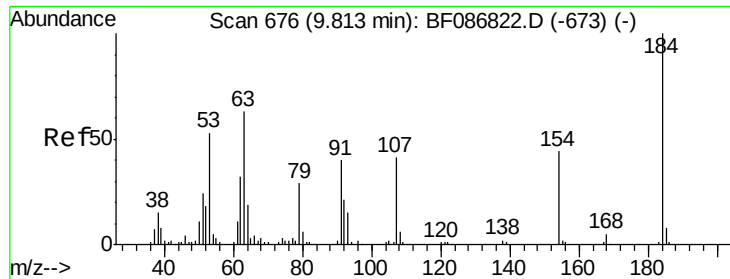


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

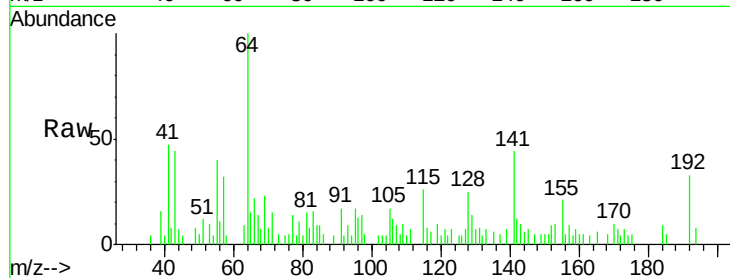




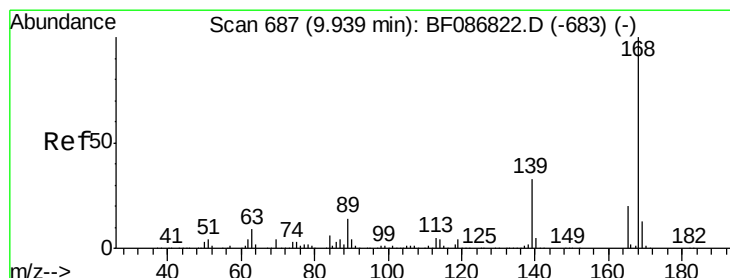
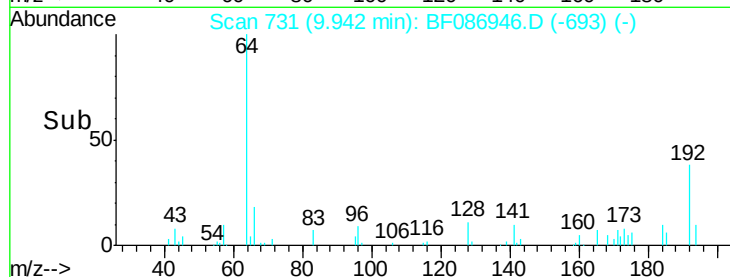
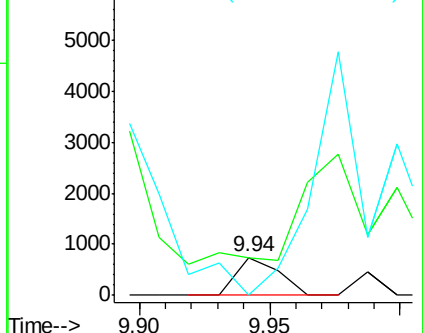
#53
 2,4-Dinitrophenol
 Concen: 8.05 ng
 RT: 9.94 min Scan# 731
 Delta R.T. 0.13 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

Tgt Ion:184 Resp: 844
 Ion Ratio Lower Upper
 184 100
 63 100.0 55.8 83.8#
 154 0.0 62.4 93.6#

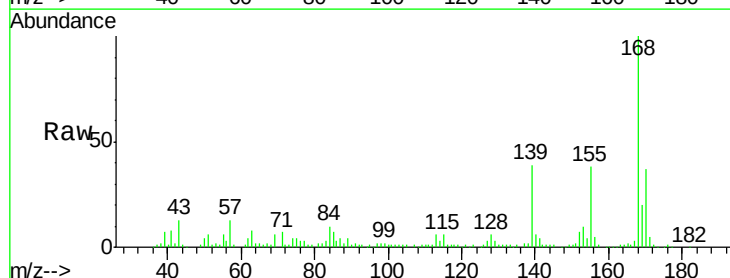


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

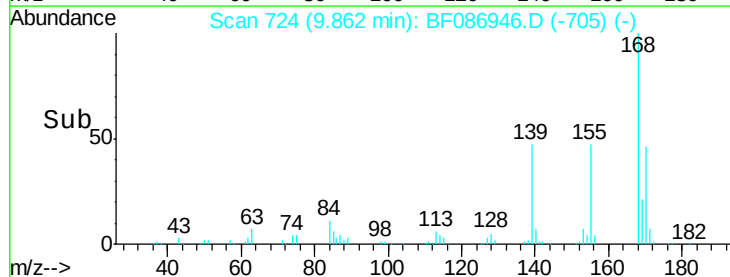
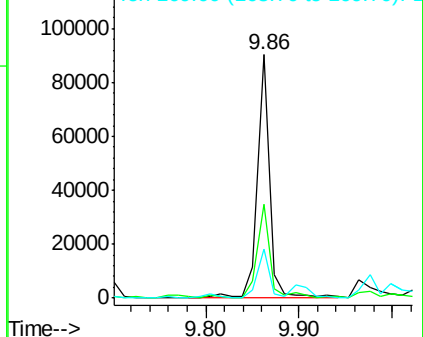


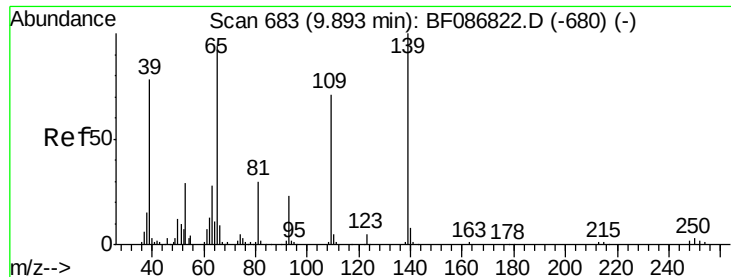
#54
 Dibenzofuran
 Concen: 4.38 ng
 RT: 9.86 min Scan# 724
 Delta R.T. -0.08 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Tgt Ion:168 Resp: 82134
 Ion Ratio Lower Upper
 168 100
 139 38.7 31.4 47.0
 169 19.9 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: 6.17 ng

RT: 9.98 min Scan# 734

Delta R.T. 0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

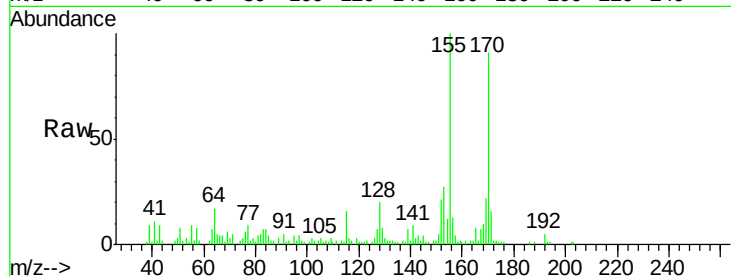
Tgt Ion:139 Resp: 4912

Ion Ratio Lower Upper

139 100

109 43.7 36.9 76.9

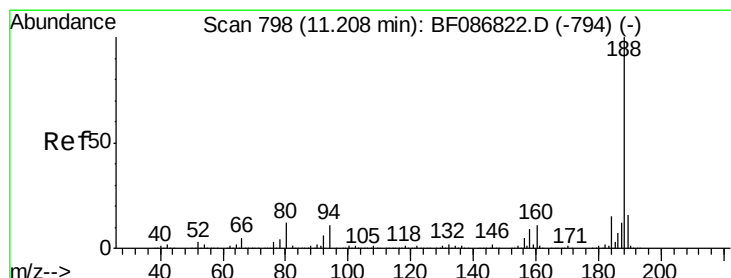
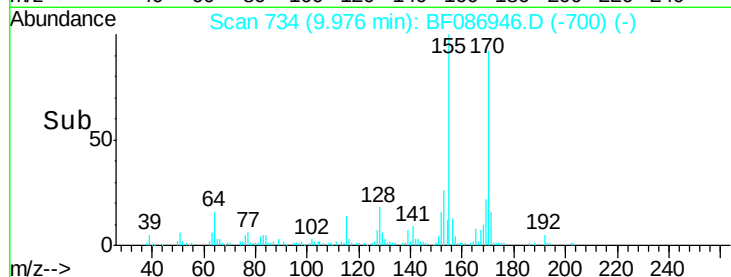
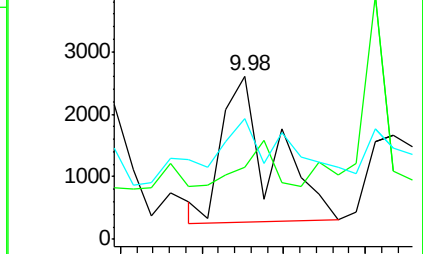
65 73.7 64.0 104.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

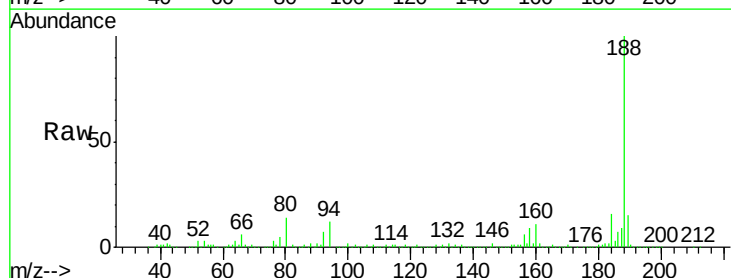
Tgt Ion:188 Resp: 371775

Ion Ratio Lower Upper

188 100

94 11.9 6.8 10.2#

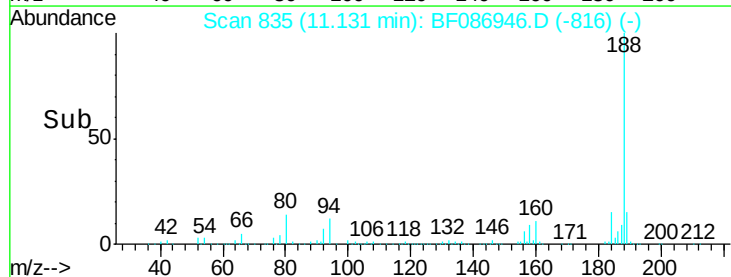
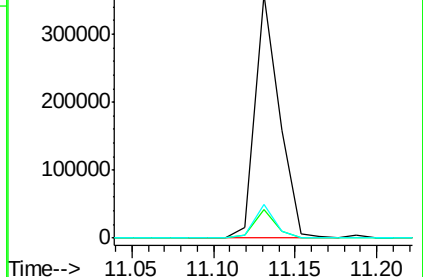
80 13.8 7.1 10.7#

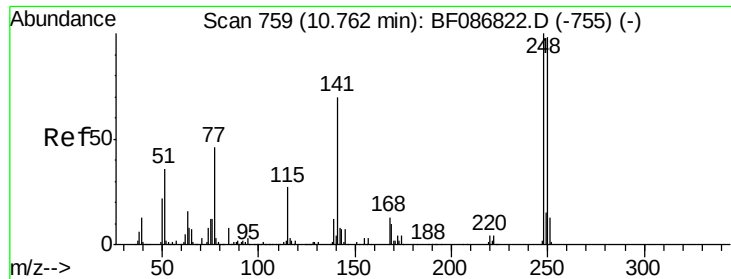


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

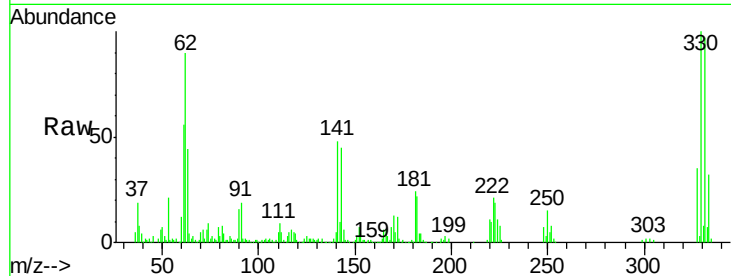




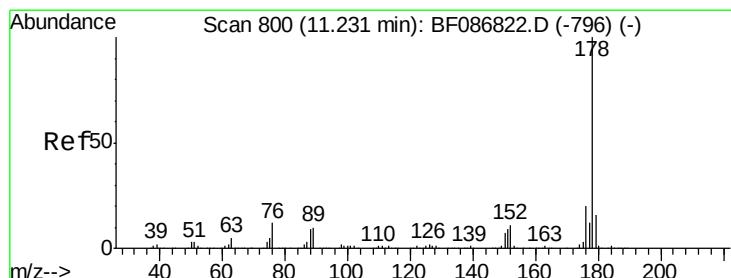
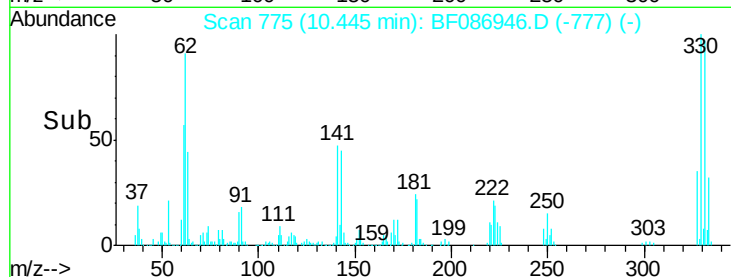
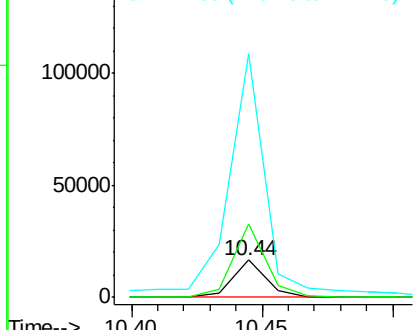
#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.44 min Scan# 775
 Delta R.T. -0.32 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Instrument :
 BNA_F
 ClientSampleId :
 PM-STA-1335-00(0-3)

Tgt Ion:248 Resp: 14801
 Ion Ratio Lower Upper
 248 100
 250 198.3 78.6 117.8#
 141 652.4 76.0 114.0#

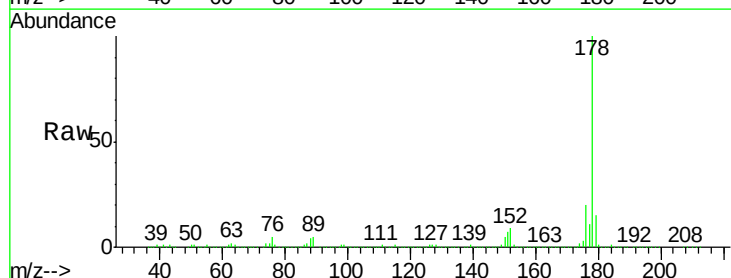


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

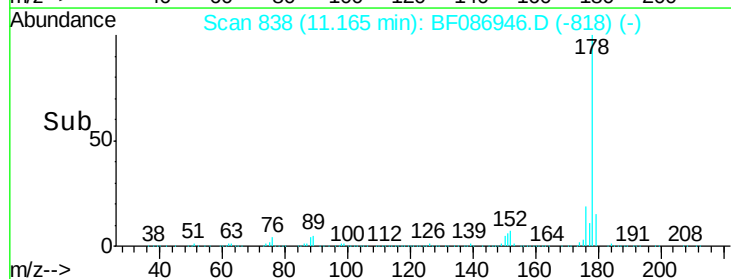
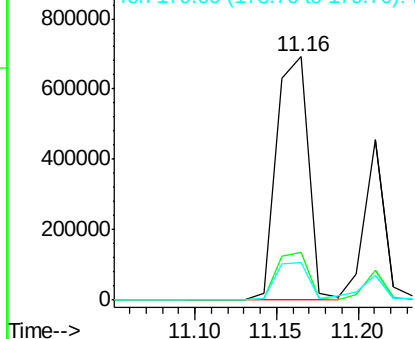


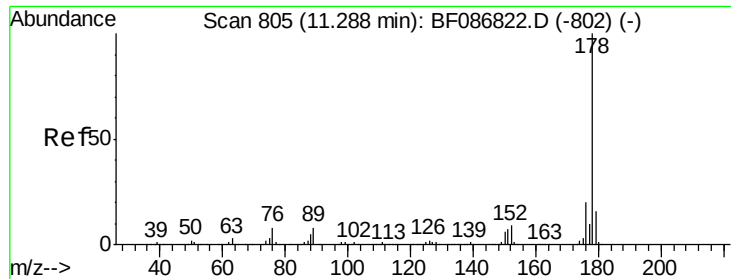
#70
 Phenanthrene
 Concen: 47.36 ng
 RT: 11.16 min Scan# 838
 Delta R.T. -0.07 min
 Lab File: BF086946.D
 Acq: 12 May 2016 22:49

Tgt Ion:178 Resp: 939664
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.0 24.0
 179 15.2 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: 19.72 ng

RT: 11.21 min Scan# 842

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

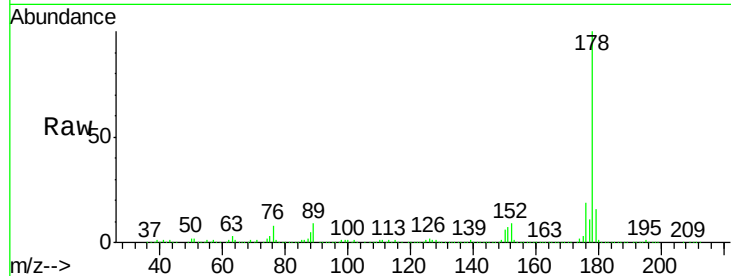
Tgt Ion:178 Resp: 400130

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

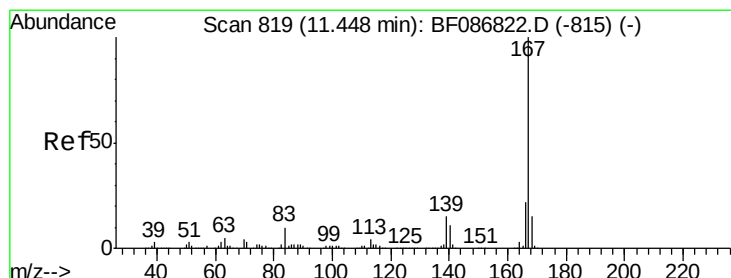
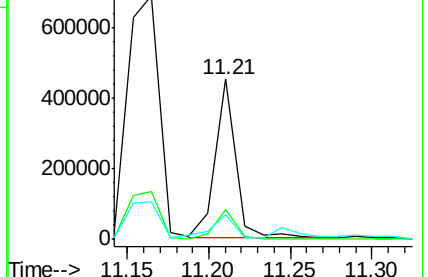
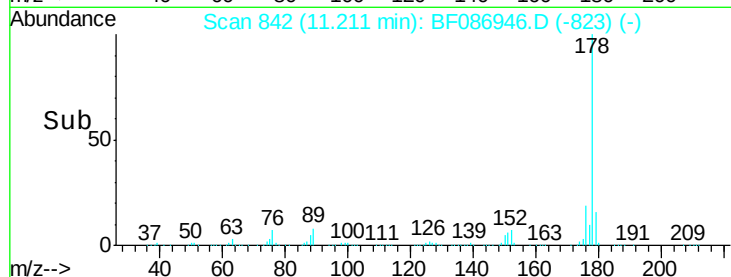
179 15.8 12.7 19.1



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: 8.16 ng

RT: 11.37 min Scan# 856

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

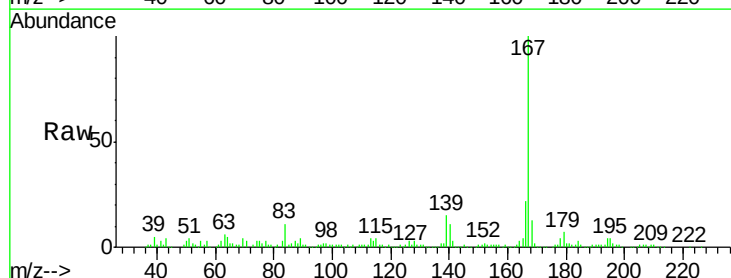
Tgt Ion:167 Resp: 142289

Ion Ratio Lower Upper

167 100

166 21.9 17.7 26.5

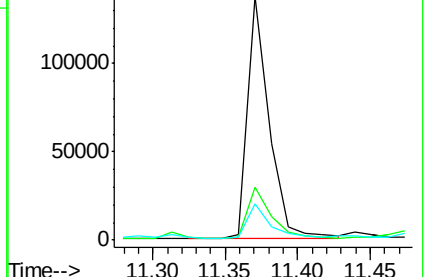
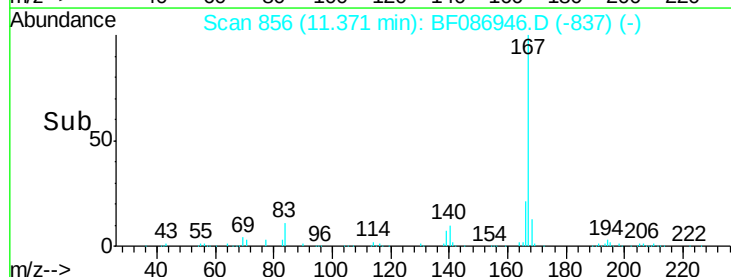
139 15.1 10.8 16.2

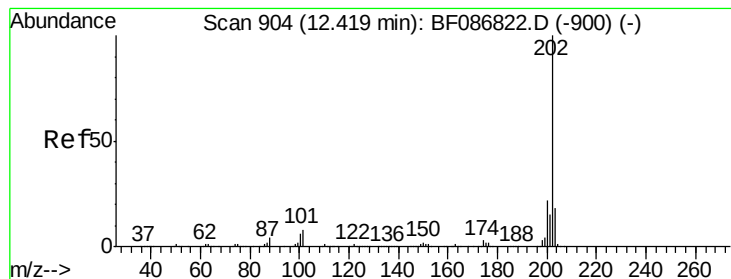


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 95.83 ng

RT: 12.35 min Scan# 942

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

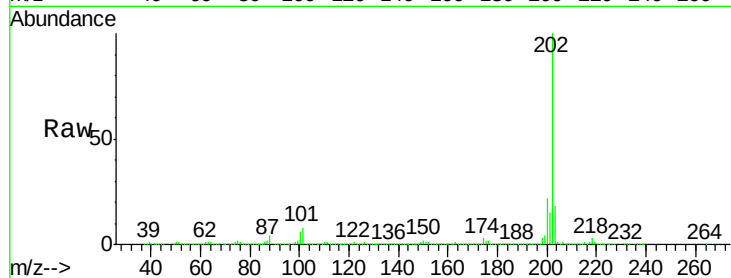
Tgt Ion:202 Resp: 1955489

Ion Ratio Lower Upper

202 100

101 8.3 0.0 35.4

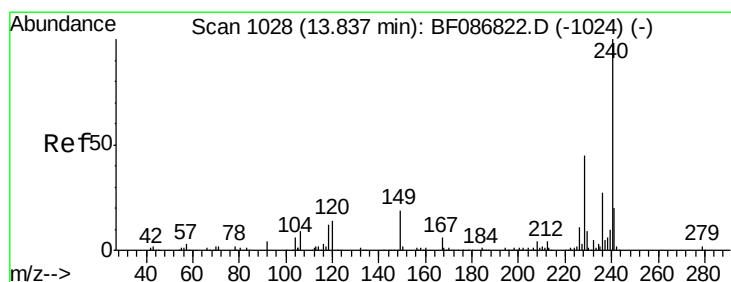
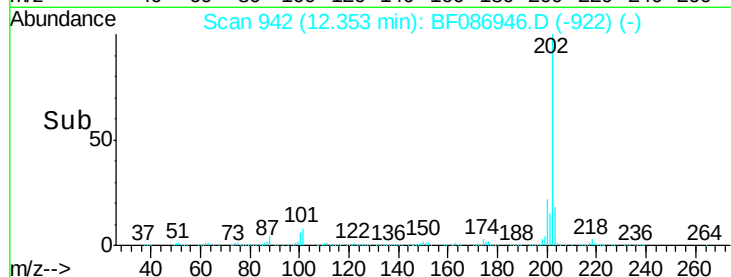
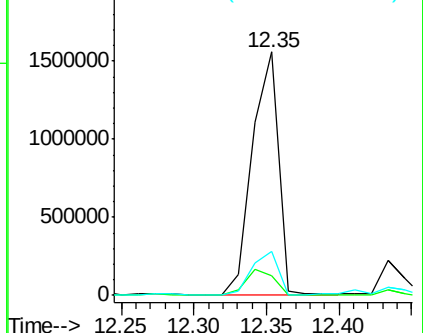
203 18.2 0.0 38.1



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: 13.77 min Scan# 1066

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

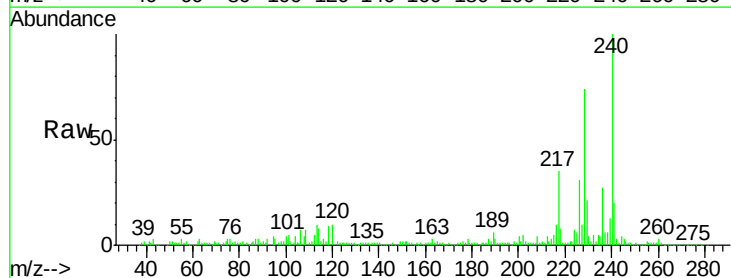
Tgt Ion:240 Resp: 278147

Ion Ratio Lower Upper

240 100

120 9.8 11.2 16.8#

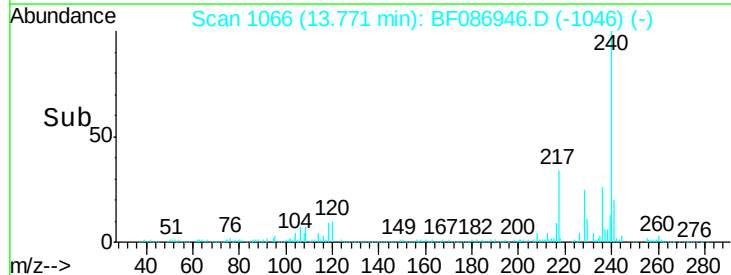
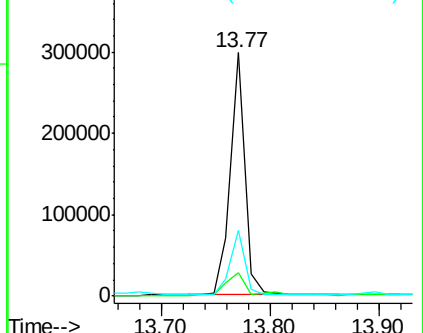
236 26.8 21.2 31.8

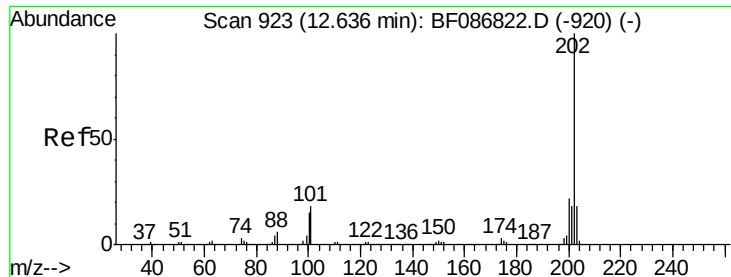


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 66.06 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

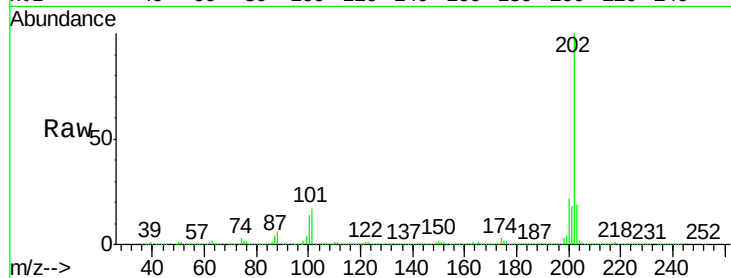
Tgt Ion:202 Resp: 1406699

Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

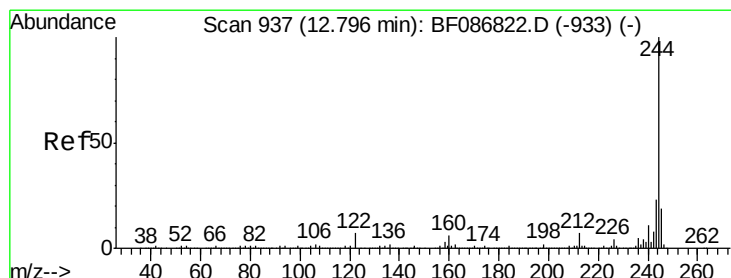
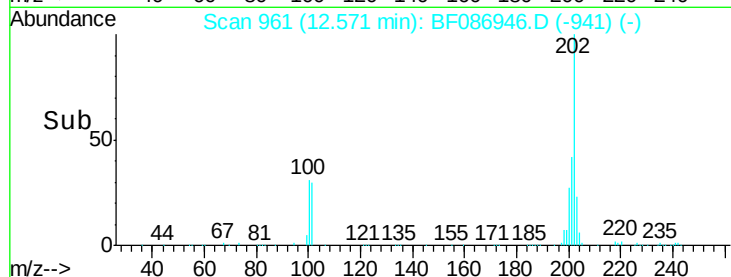
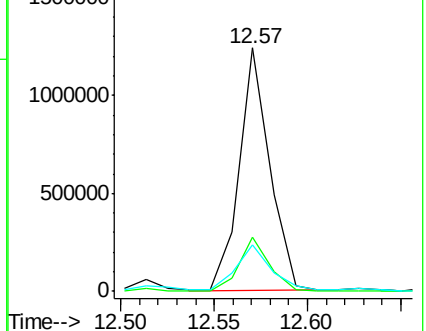
203 18.9 14.2 21.4



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: 61.67 ng

RT: 12.72 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

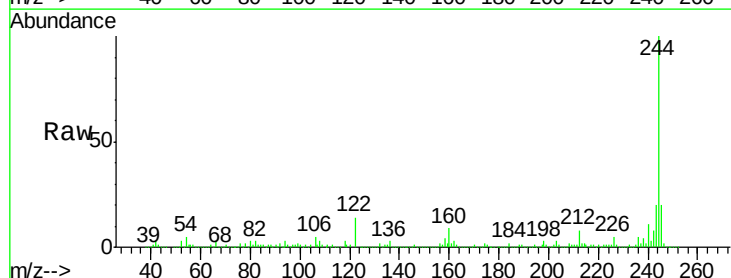
Tgt Ion:244 Resp: 808402

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

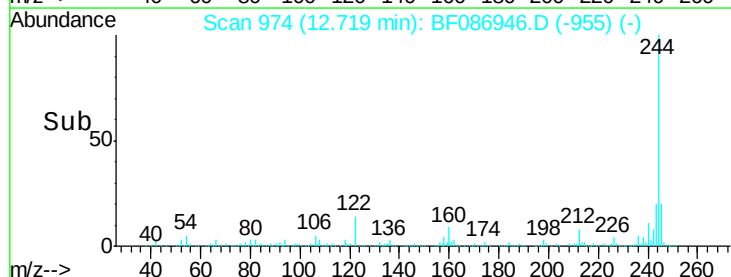
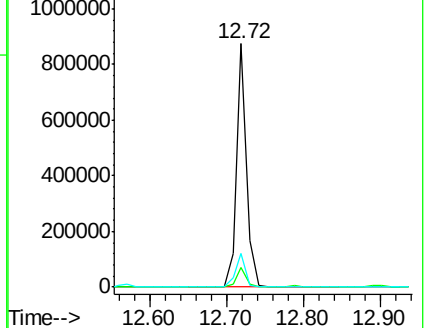
122 13.8 12.0 18.0

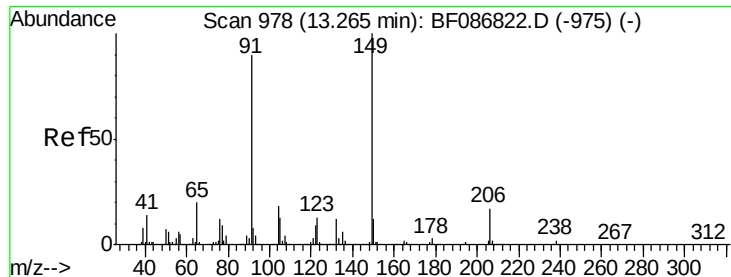


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 7.36 ng

RT: 13.20 min Scan# 1016

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

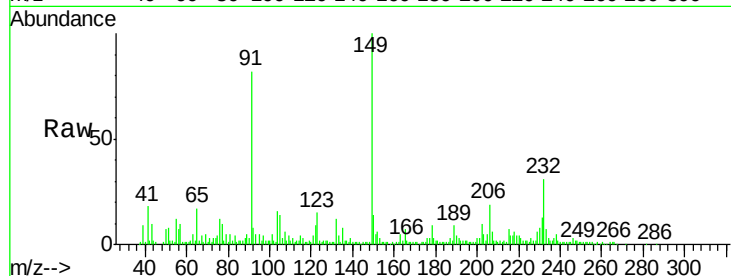
Tgt Ion:149 Resp: 66279

Ion Ratio Lower Upper

149 100

91 82.3 48.0 72.0#

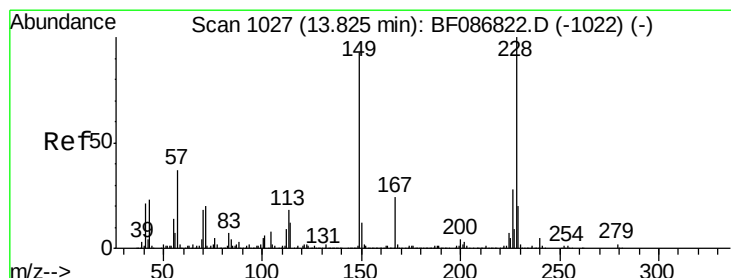
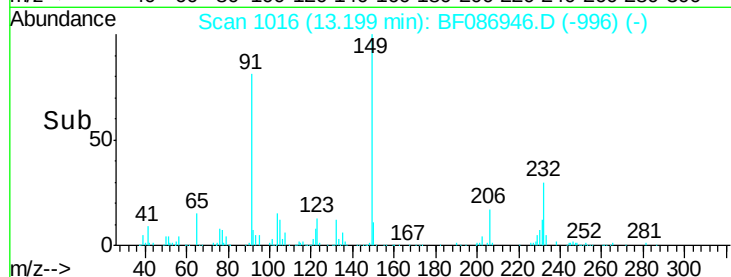
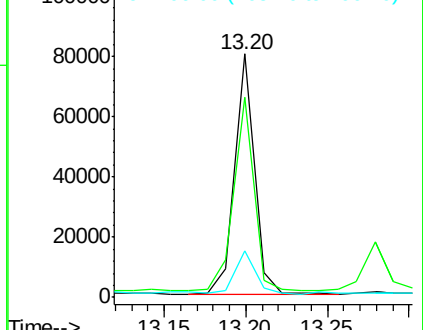
206 19.3 15.8 23.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 48.06 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.03 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

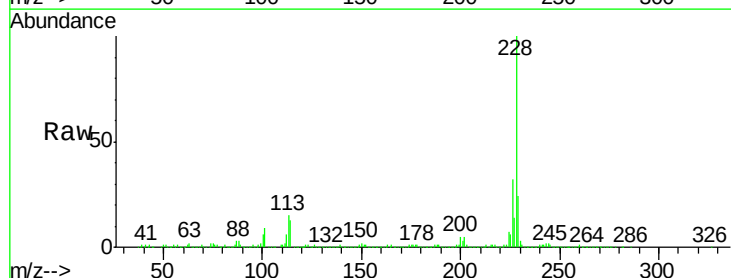
Tgt Ion:228 Resp: 750413

Ion Ratio Lower Upper

228 100

226 32.0 22.5 33.7

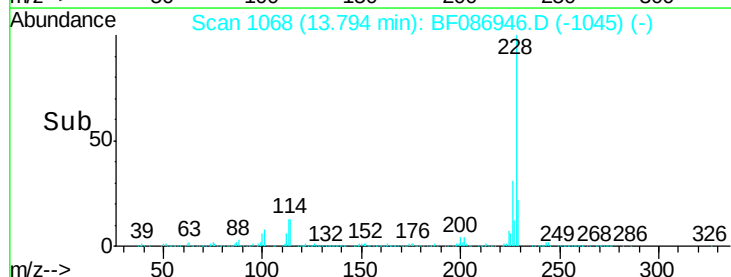
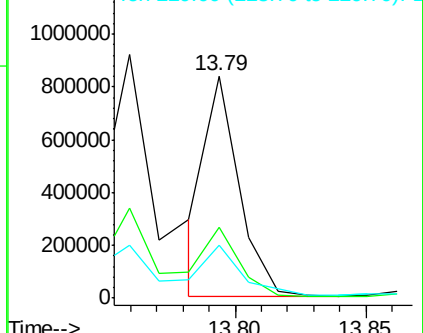
229 23.6 16.6 25.0

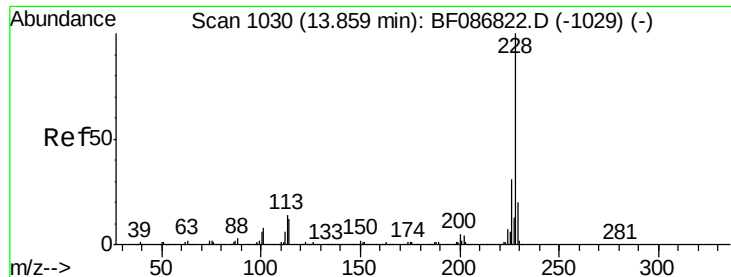


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 47.03 ng

RT: 13.79 min Scan# 1068

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

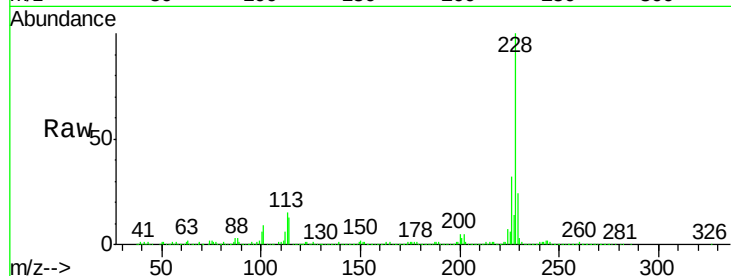
Tgt Ion:228 Resp: 746924

Ion Ratio Lower Upper

228 100

226 32.0 24.4 36.6

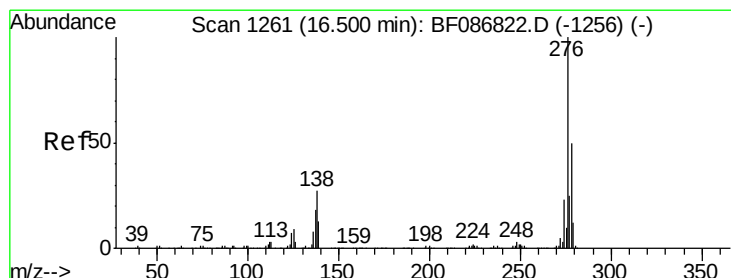
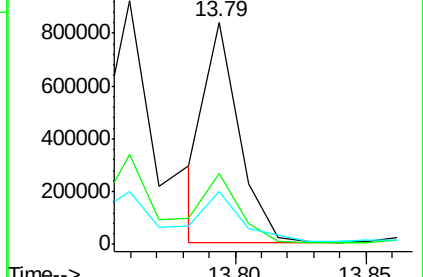
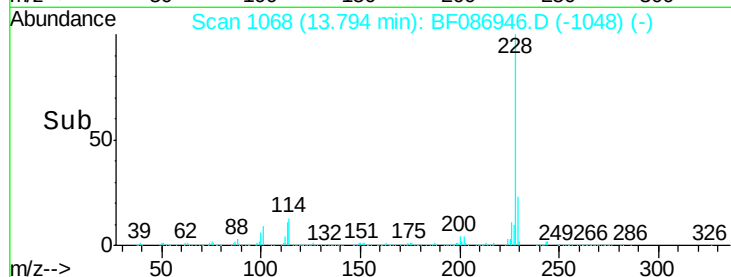
229 23.6 15.8 23.8



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: 8.97 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.25 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

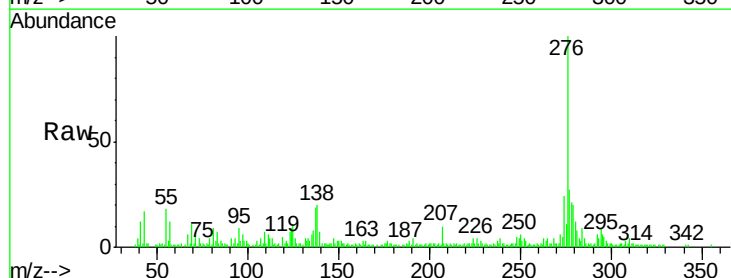
Tgt Ion:276 Resp: 118488

Ion Ratio Lower Upper

276 100

138 26.1 25.6 38.4

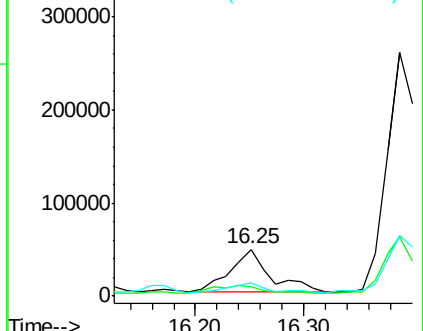
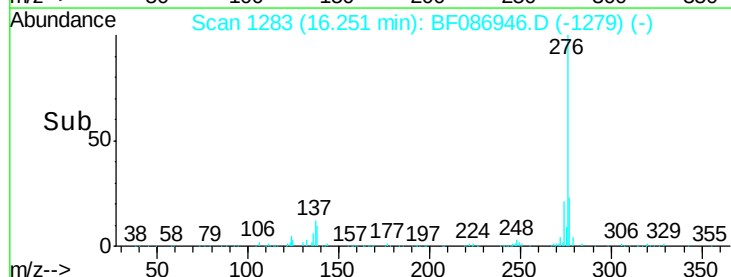
277 23.1 20.5 30.7

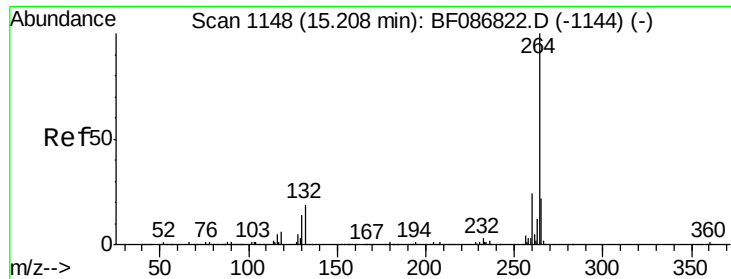


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

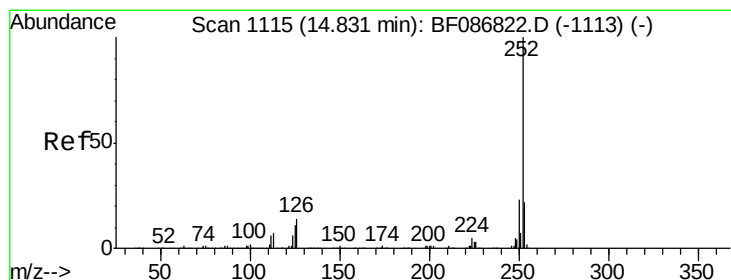
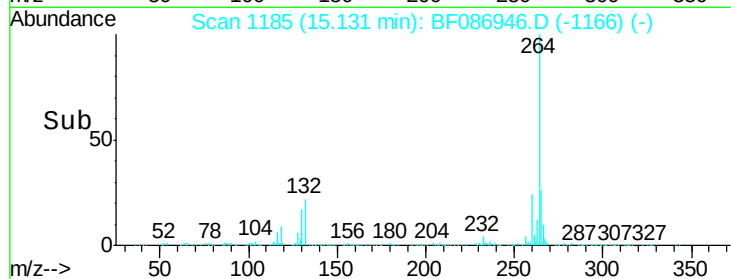
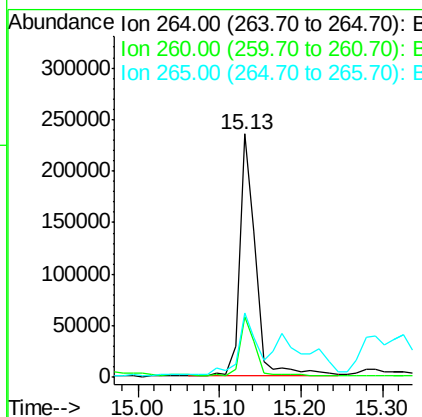
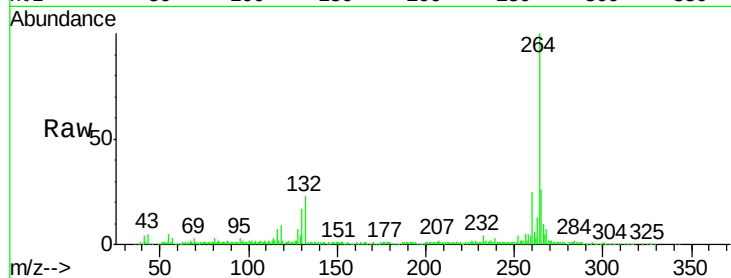




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.08 min
Lab File: BF086946.D
Acq: 12 May 2016 22:49

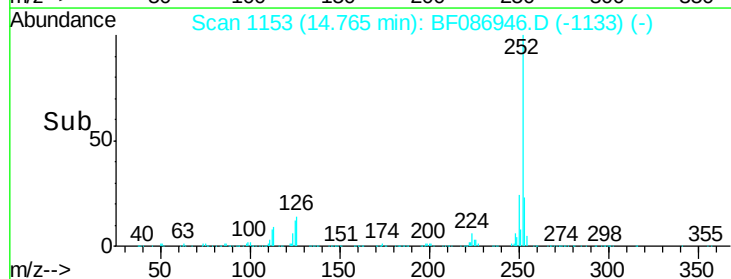
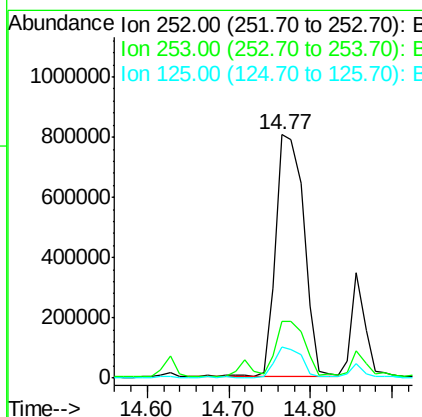
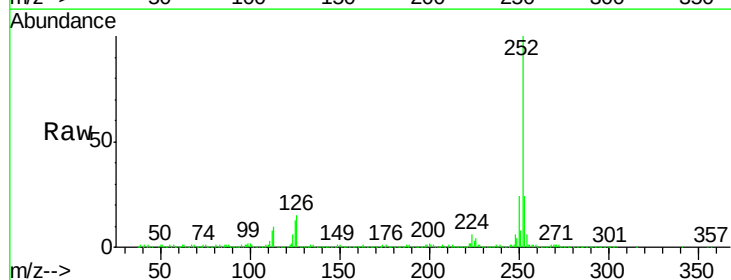
Instrument :
BNA_F
ClientSampleId :
PM-STA-1335-00(0-3)

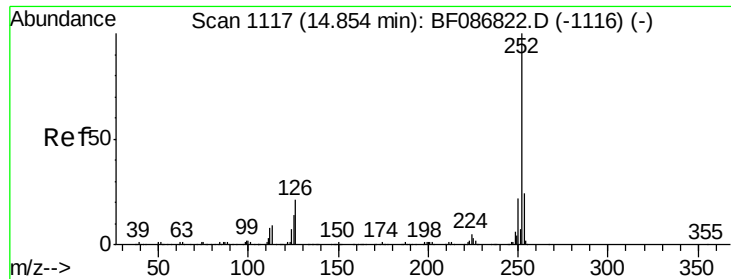
Tgt Ion: 264 Resp: 318538
Ion Ratio Lower Upper
264 100
260 24.9 19.5 29.3
265 26.4 17.3 25.9#



#87
Benzo(b)fluoranthene
Concen: 94.08 ng
RT: 14.77 min Scan# 1153
Delta R.T. -0.07 min
Lab File: BF086946.D
Acq: 12 May 2016 22:49

Tgt Ion: 252 Resp: 1947645
Ion Ratio Lower Upper
252 100
253 23.5 17.8 26.6
125 12.6 11.4 17.0





#88

Benzo(k)fluoranthene

Concen: 114.90 ng

RT: 14.77 min Scan# 1153

Delta R.T. -0.09 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

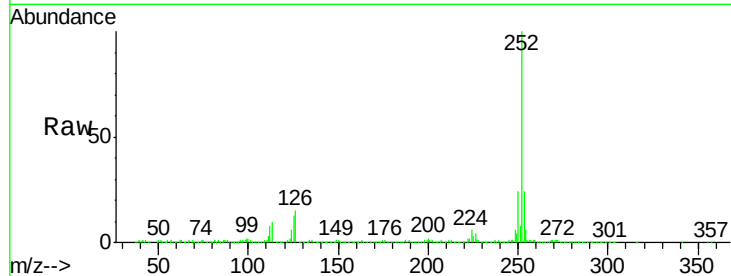
Tgt Ion:252 Resp: 1947645

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

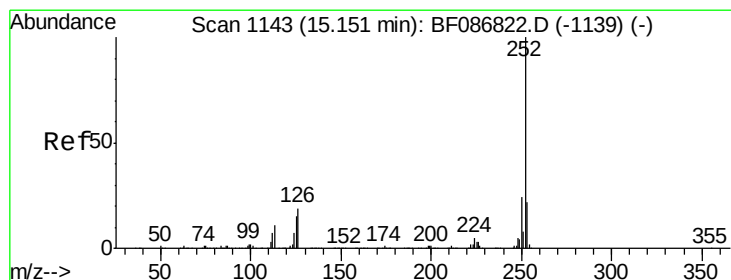
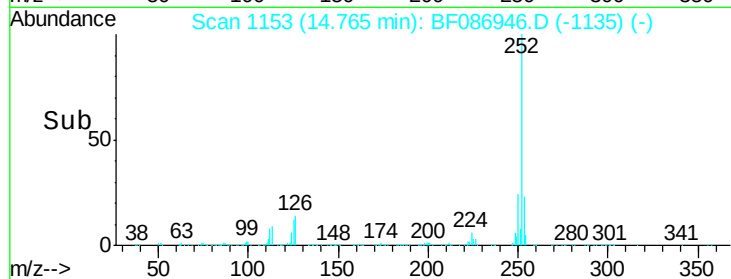
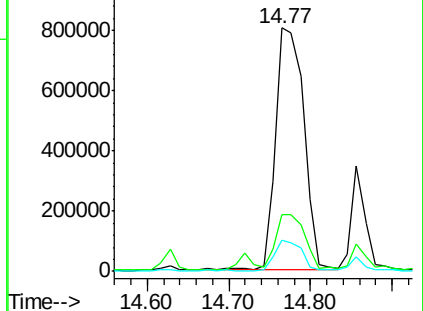
125 12.6 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 48.95 ng

RT: 15.09 min Scan# 1181

Delta R.T. -0.07 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

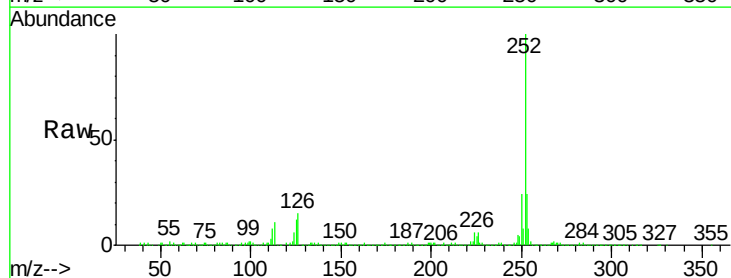
Tgt Ion:252 Resp: 874019

Ion Ratio Lower Upper

252 100

253 24.0 17.2 25.8

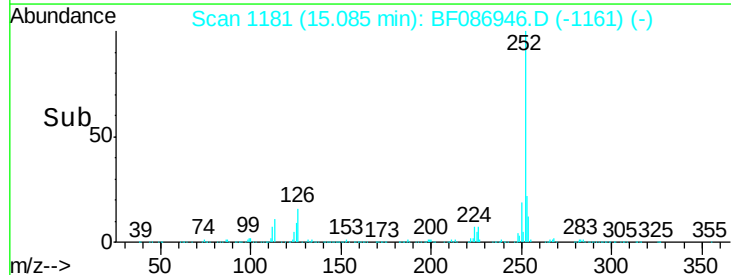
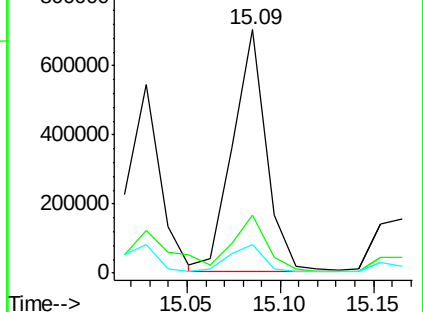
125 11.8 9.0 13.6

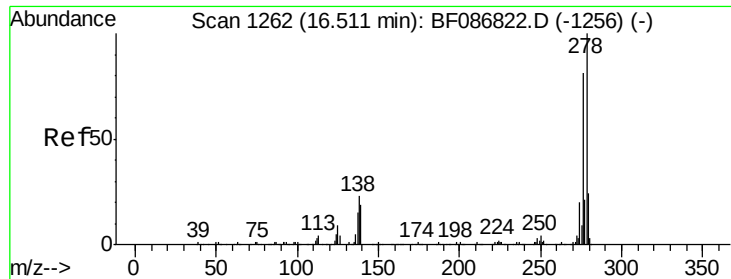


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 7.09 ng

RT: 16.22 min Scan# 1280

Delta R.T. -0.29 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

Instrument :

BNA_F

ClientSampleId :

PM-STA-1335-00(0-3)

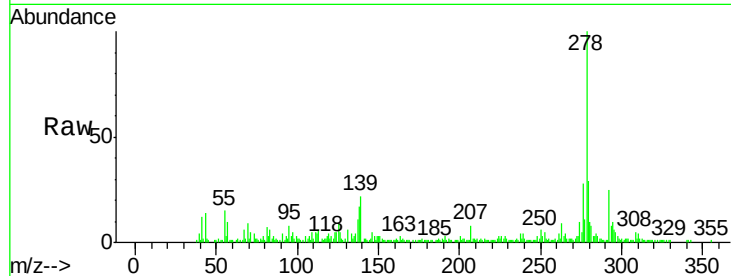
Tgt Ion:278 Resp: 106720

Ion Ratio Lower Upper

278 100

139 21.5 16.6 24.8

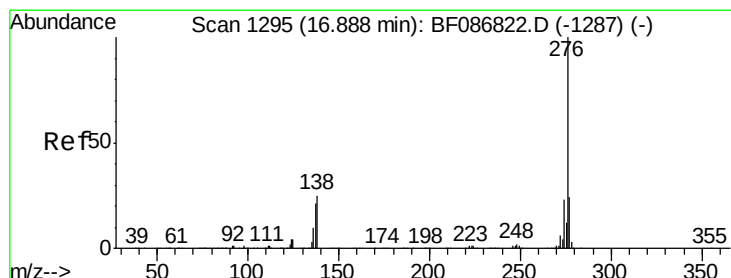
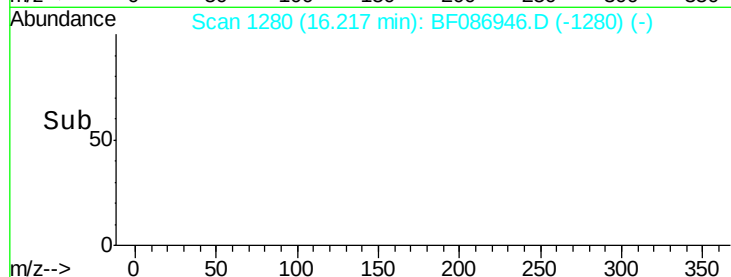
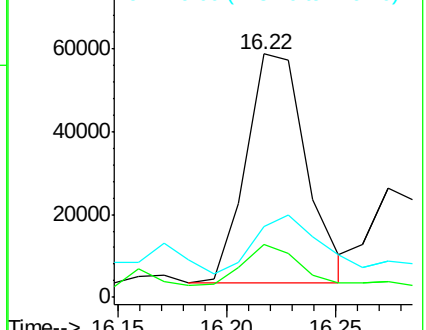
279 29.3 19.6 29.4



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: 25.79 ng

RT: 16.77 min Scan# 1328

Delta R.T. -0.12 min

Lab File: BF086946.D

Acq: 12 May 2016 22:49

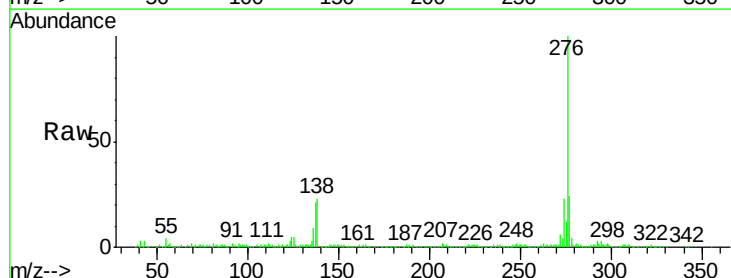
Tgt Ion:276 Resp: 394305

Ion Ratio Lower Upper

276 100

277 24.2 19.6 29.4

138 23.5 23.6 35.4#



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

