

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120215\
 Data File : BF083446.D
 Acq On : 3 Dec 2015 6:22
 Operator : UM/IZ
 Sample : G4583-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

Quant Time: Dec 03 09:53:37 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	482849	20.00	ng	0.15
21) Naphthalene-d8	7.84	136	508784	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	232347	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	362192	20.00	ng	0.00
75) Chrysene-d12	14.75	240	310155	20.00	ng	-0.01
86) Perylene-d12	16.82	264	306665	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1156091	35.93	ng	0.00
7) Phenol-d6	6.21	99	1593349	36.18	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1025948	88.64	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	217869	93.41	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1268454	77.80	ng	-0.01
78) Terphenyl-d14	13.22	244	977443	75.16	ng	0.00

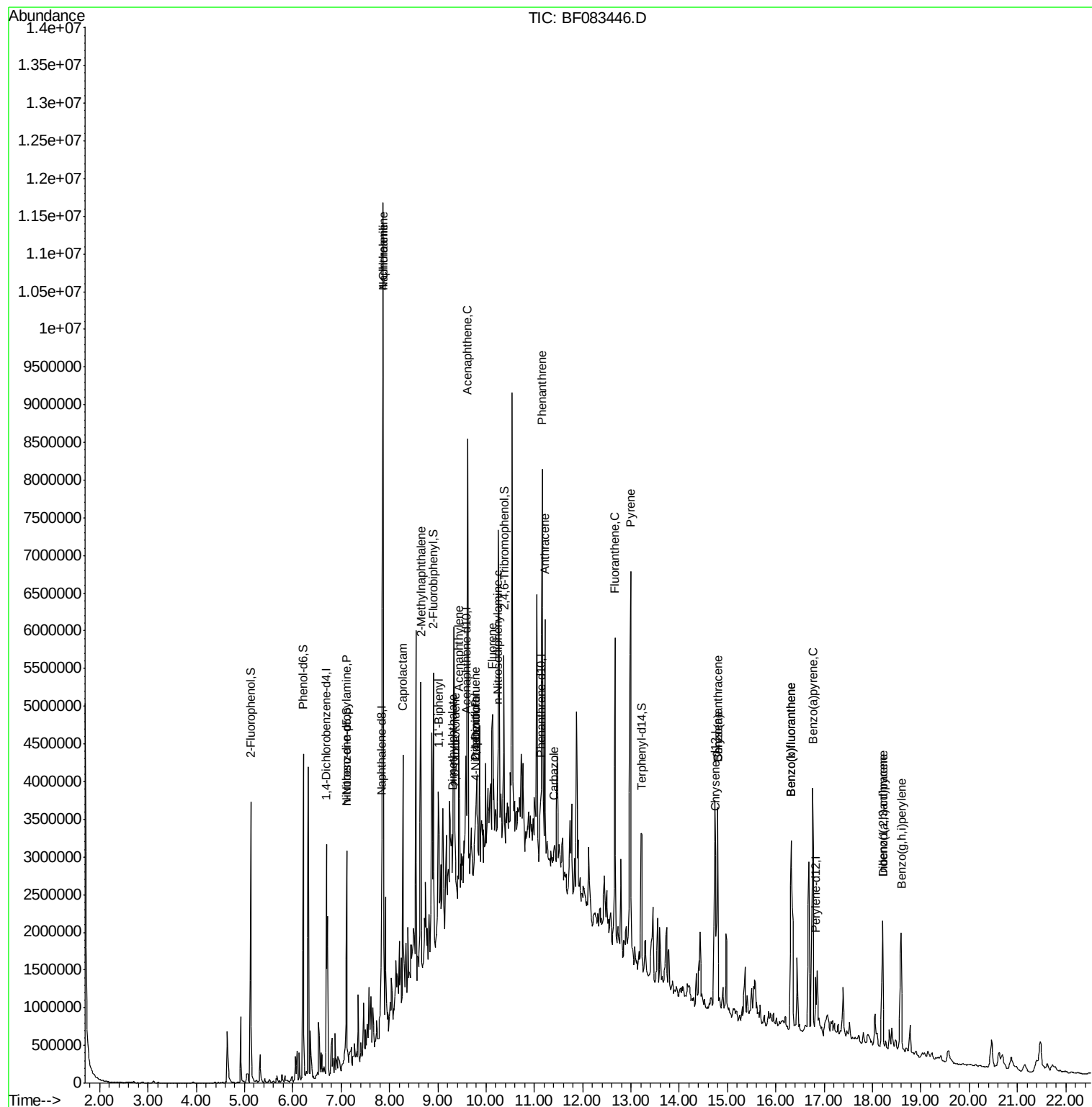
Target Compounds				Qvalue			
9) Benzaldehyde	6.21	77	12106	Below Cal	#	1	
19) n-Nitroso-di-n-propylamine	7.12	70	194002	6.16	ng	#	78
31) Naphthalene	7.87	128	7466958	270.49	ng	#	91
33) 4-Chloroaniline	7.87	127	1221787	102.67	ng	#	34
35) Caprolactam	8.28	113	57424	22.34	ng	#	1
37) 2-Methylnaphthalene	8.65	142	1115951	60.49	ng		95
45) 1,1'-Biphenyl	9.01	154	504232	24.75	ng		99
48) Acenaphthylene	9.44	152	792502	32.00	ng		97
49) Dimethylphthalate	9.31	163	88797	4.70	ng	#	91
50) 2,6-Dinitrotoluene	9.36	165	9120	2.26	ng	#	59
51) Acenaphthene	9.62	154	1439243	98.80	ng		99
54) Dibenzofuran	9.79	168	136432	6.39	ng	#	74
55) 4-Nitrophenol	9.78	139	54038	18.28	ng	#	24
56) 2,4-Dinitrotoluene	9.79	165	19495	3.81	ng	#	62
57) Fluorene	10.13	166	785069	46.57	ng		98
65) n-Nitrosodiphenylamine	10.25	169	157871	12.40	ng	#	71
70) Phenanthrene	11.16	178	3501960	163.38	ng		95
71) Anthracene	11.22	178	1428135	66.18	ng		99
72) Carbazole	11.41	167	49574	2.56	ng	#	38
74) Fluoranthene	12.67	202	2512595	113.09	ng		100
77) Pyrene	12.99	202	3705345	171.07	ng		96
80) Benzo(a)anthracene	14.80	228	1657628	87.24	ng		93
82) Chrysene	14.80	228	1670660	91.00	ng		97
85) Indeno(1,2,3-cd)pyrene	18.21	276	1233721	92.27	ng		93
87) Benzo(b)fluoranthene	16.32	252	2929186	148.86	ng		98
88) Benzo(k)fluoranthene	16.32	252	2929186	157.65	ng	#	96
89) Benzo(a)pyrene	16.76	252	2162861	127.97	ng	#	96
90) Dibenzo(a,h)anthracene	18.21	278	279009	18.95	ng		99
91) Benzo(g,h,i)perylene	18.59	276	1431373	99.03	ng		97

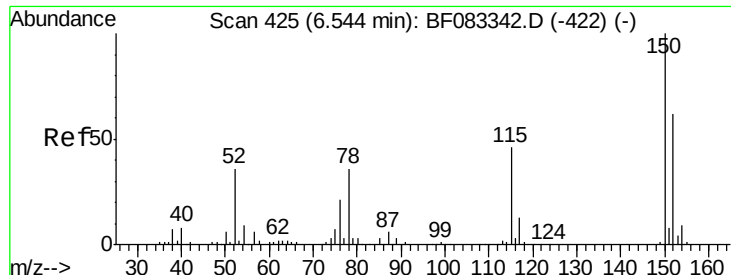
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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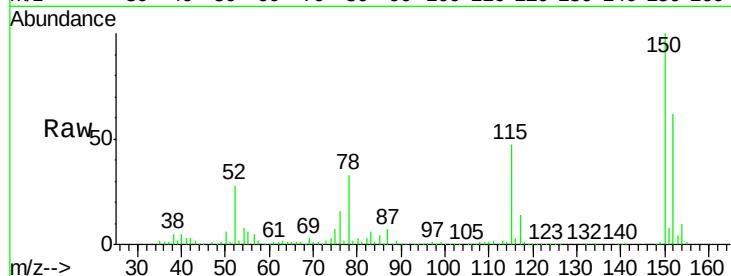




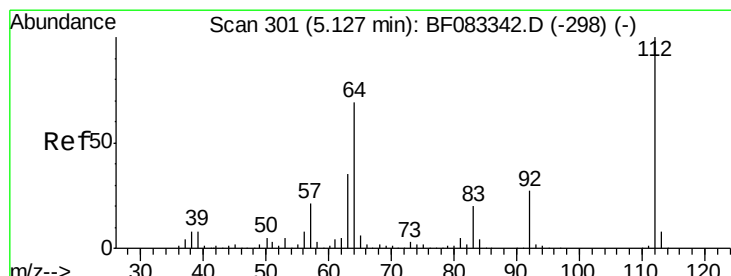
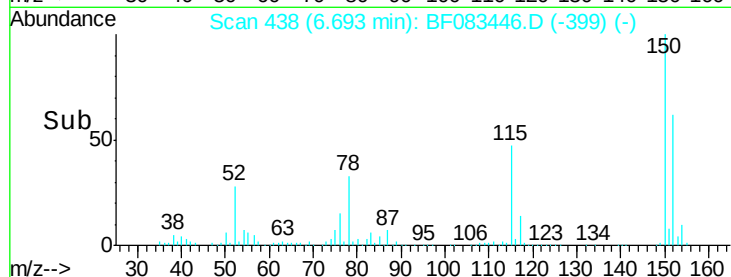
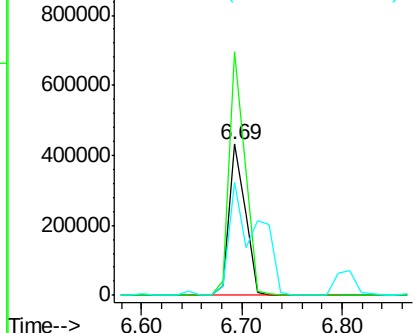
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 438
 Delta R.T. 0.15 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

Tot Ion:152 Resp: 482849
 Ion Ratio Lower Upper
 152 100
 150 161.2 129.8 194.8
 115 75.2 59.2 88.8

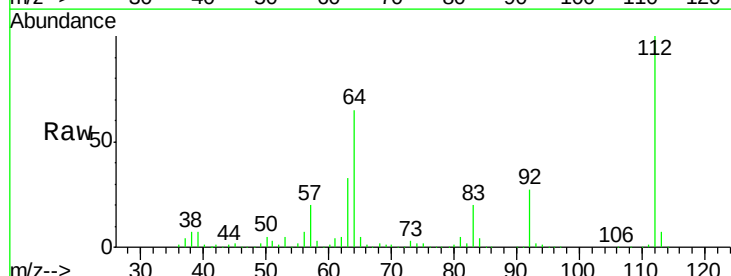


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

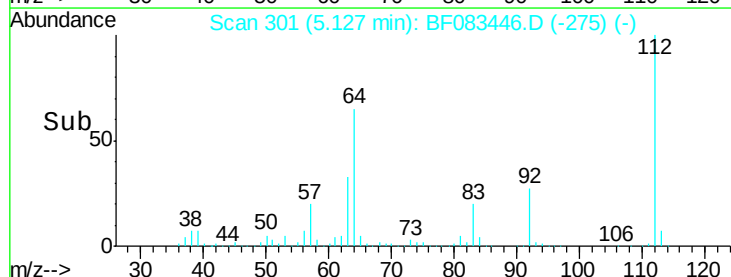
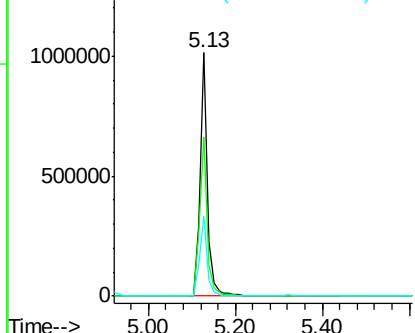


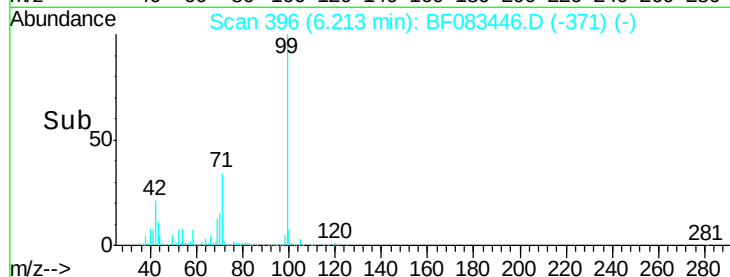
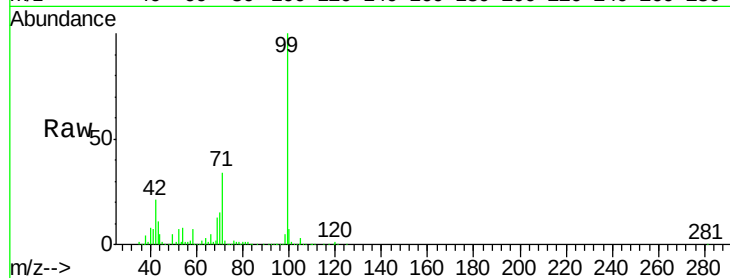
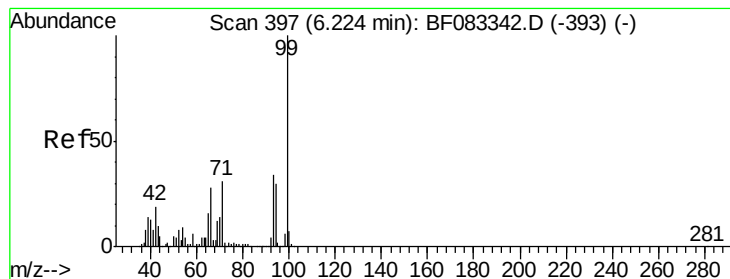
#5
 2-Fluorophenol
 Concen: 35.93 ng
 RT: 5.13 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

Tgt Ion:112 Resp: 1156091
 Ion Ratio Lower Upper
 112 100
 64 65.1 55.6 83.4
 63 33.0 28.2 42.2



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: 36.18 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

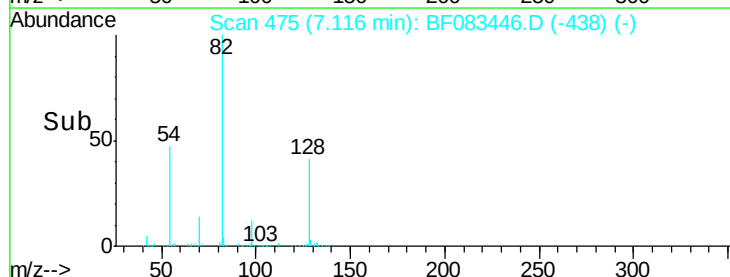
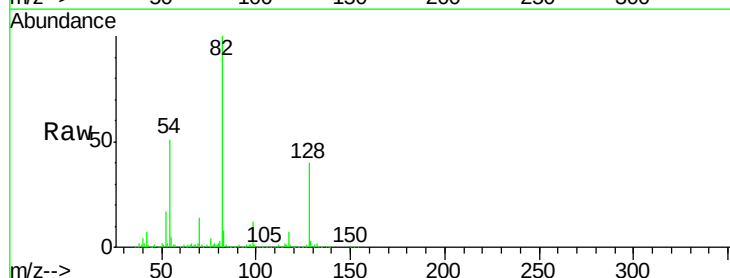
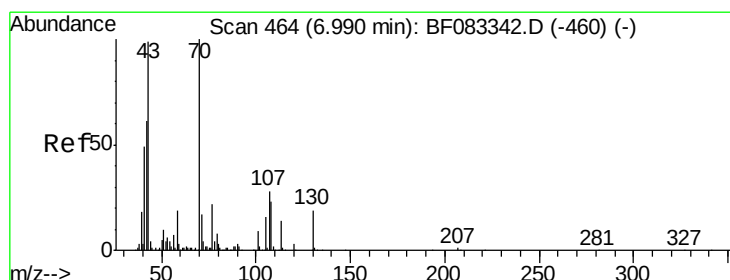
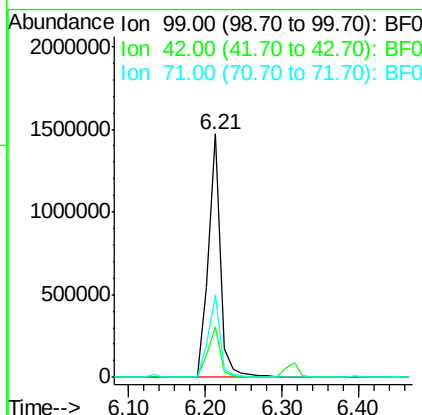
Tot Ion: 99 Resp: 1593349

Ion Ratio Lower Upper

99 100

42 20.5 14.9 22.3

71 33.7 24.7 37.1



#19

n-Nitroso-di-n-propylamine

Concen: 6.16 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Tgt Ion: 70 Resp: 194002

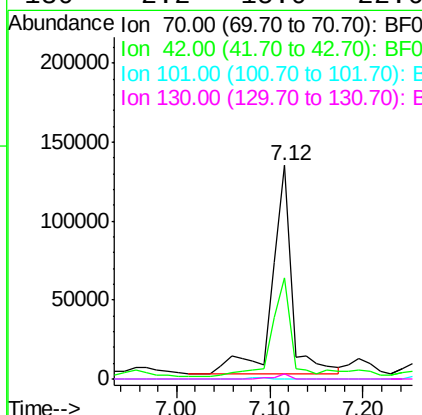
Ion Ratio Lower Upper

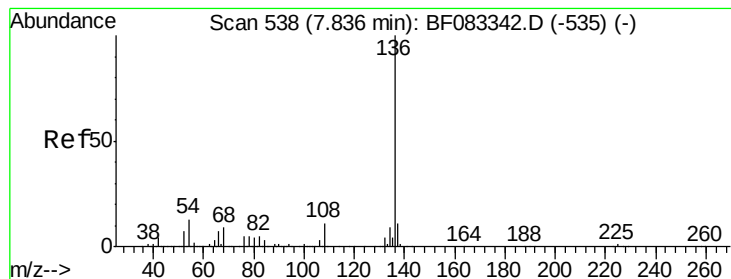
70 100

42 47.6 48.8 73.2#

101 0.0 7.1 10.7#

130 2.2 15.0 22.6#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

Tot Ion:136 Resp: 508784

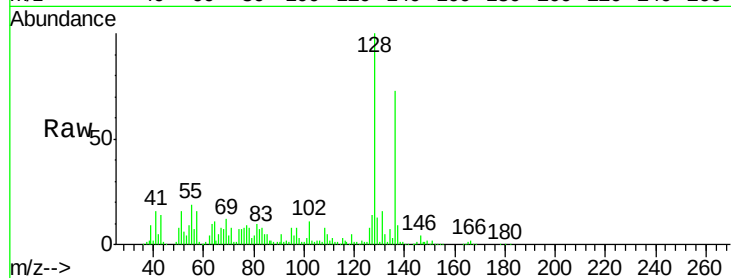
Ion Ratio Lower Upper

136 100

137 11.9 9.0 13.4

54 12.6 10.1 15.1

68 10.0 7.1 10.7

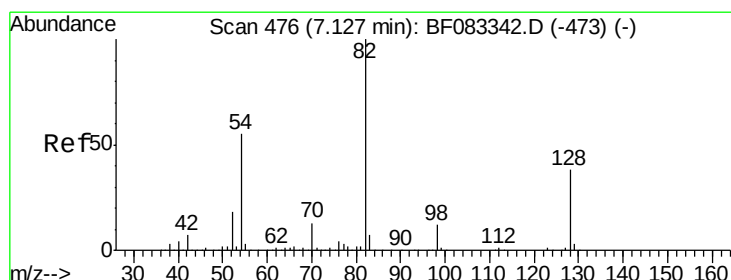
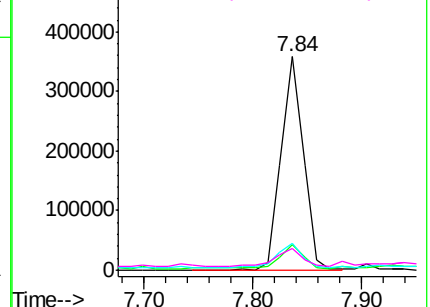
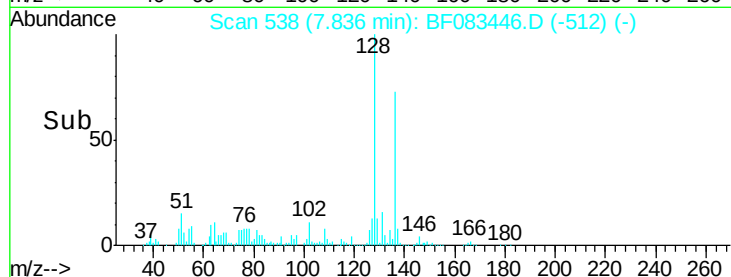


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 88.64 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

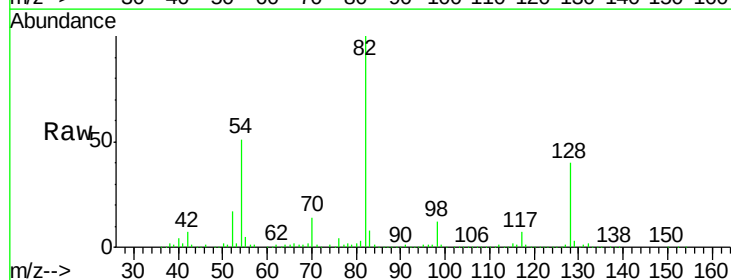
Tgt Ion: 82 Resp: 1025948

Ion Ratio Lower Upper

82 100

128 40.2 30.6 46.0

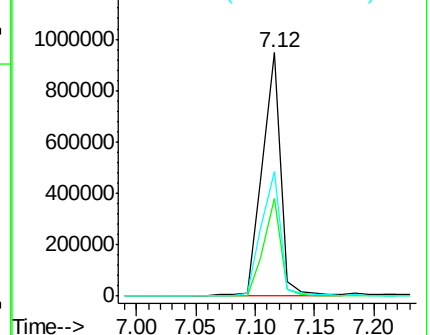
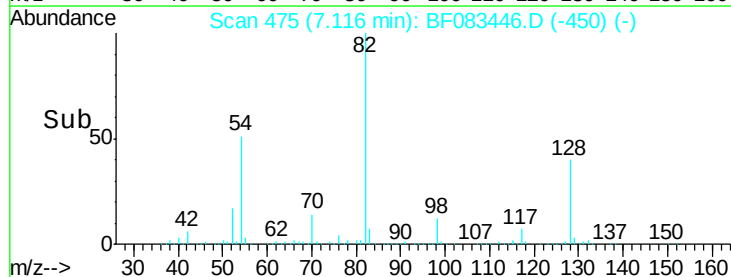
54 51.1 43.8 65.6

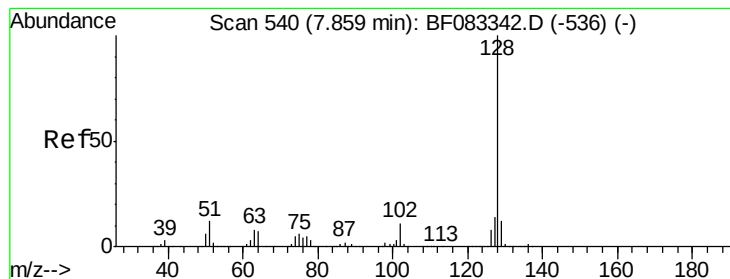


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 270.49 ng

RT: 7.87 min Scan# 541

Delta R.T. 0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

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ClientSampleId :

SB-P3WC-08(0-8)

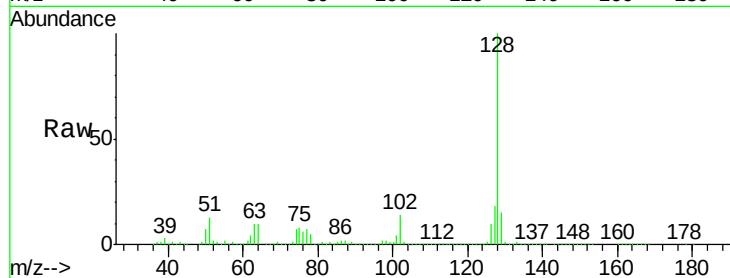
Tot Ion:128 Resp: 7466958

Ion Ratio Lower Upper

128 100

129 15.1 9.7 14.5#

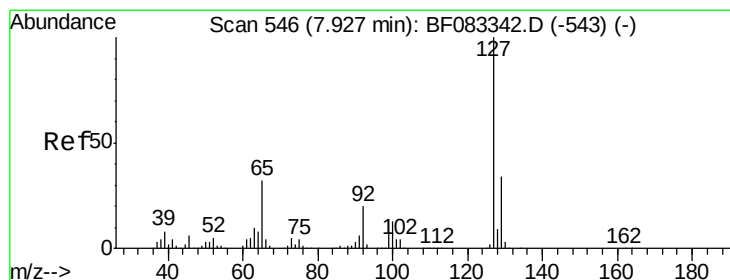
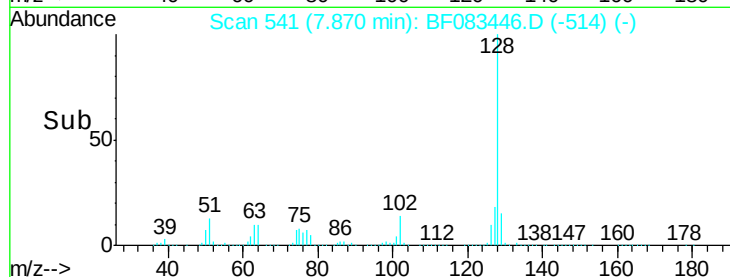
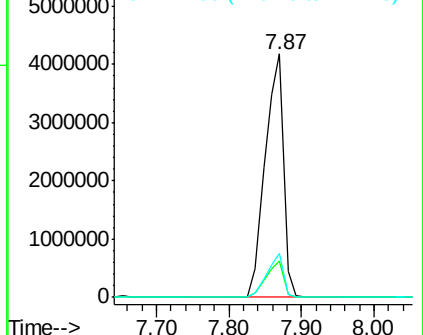
127 18.0 11.0 16.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 102.67 ng

RT: 7.87 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Tgt Ion:127 Resp: 1221787

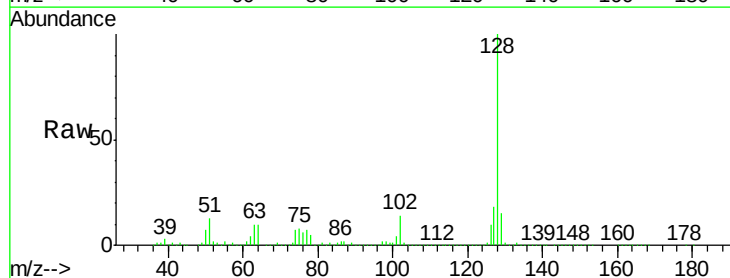
Ion Ratio Lower Upper

127 100

129 83.4 27.0 40.4#

65 0.0 25.9 38.9#

92 0.2 15.8 23.8#

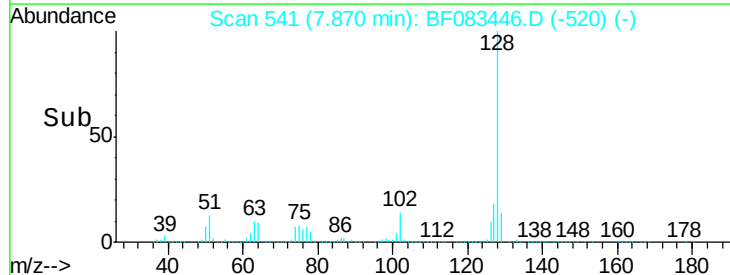
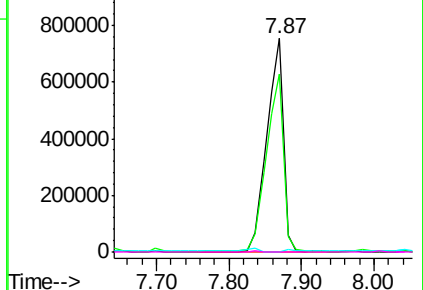


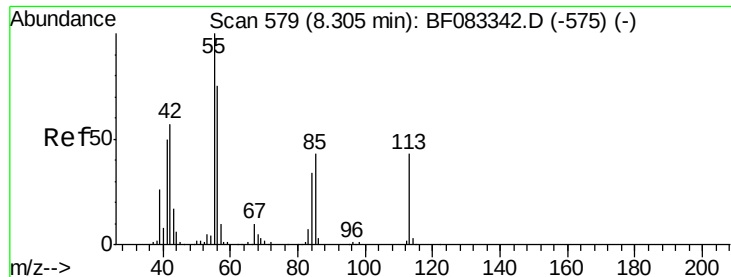
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0





#35

Caprolactam

Concen: 22.34 ng

RT: 8.28 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

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SB-P3WC-08(0-8)

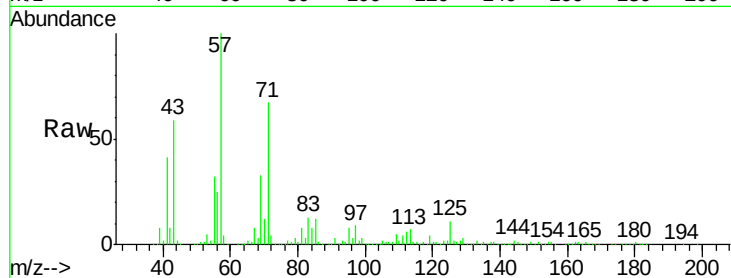
Tot Ion:113 Resp: 57424

Ion Ratio Lower Upper

113 100

55 429.6 211.6 251.6#

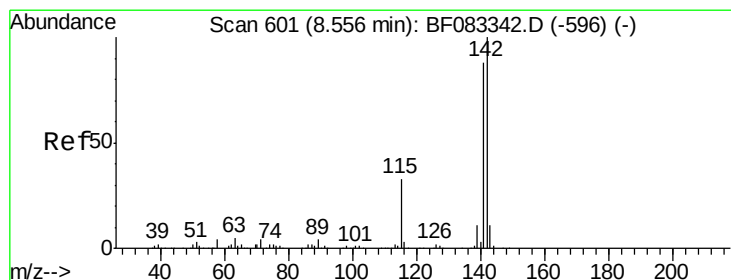
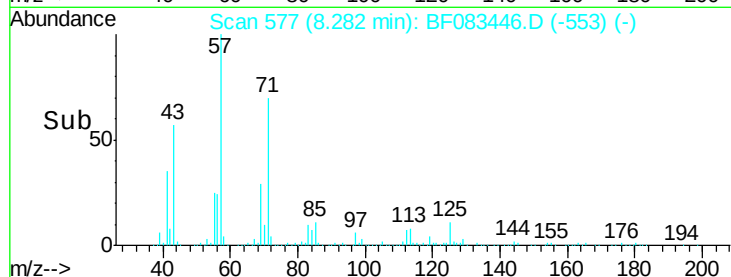
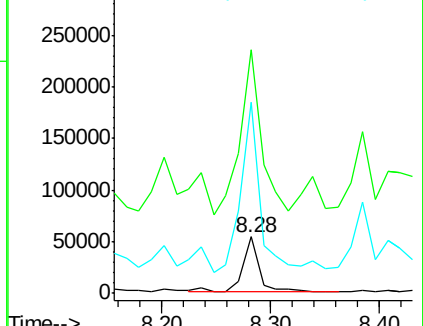
56 337.9 153.0 193.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 60.49 ng

RT: 8.65 min Scan# 609

Delta R.T. 0.09 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

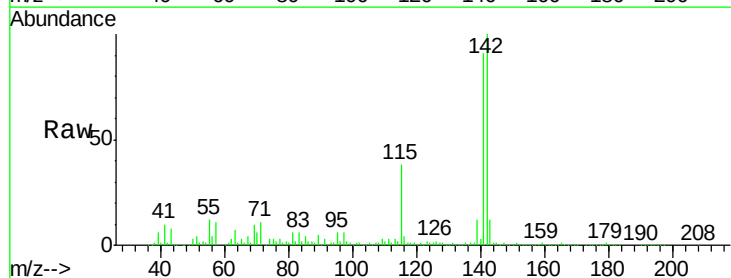
Tgt Ion:142 Resp: 1115951

Ion Ratio Lower Upper

142 100

141 91.4 70.6 105.8

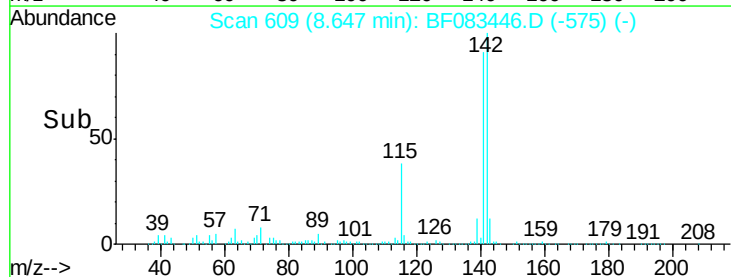
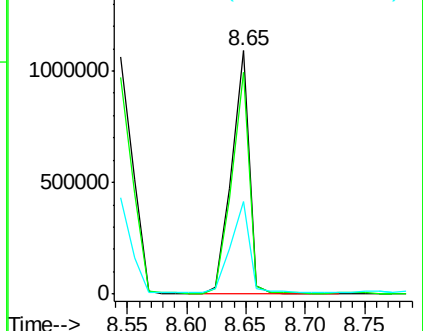
115 38.2 26.2 39.2

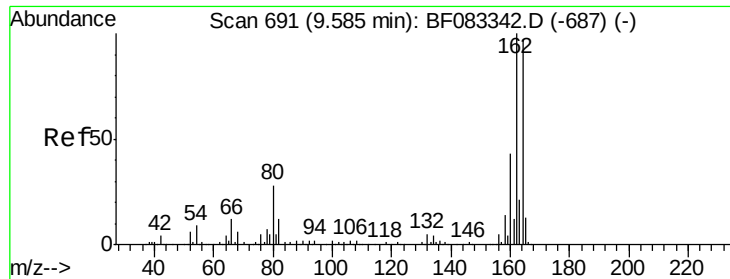


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.58 min Scan# 691

Delta R.T. -0.00 min

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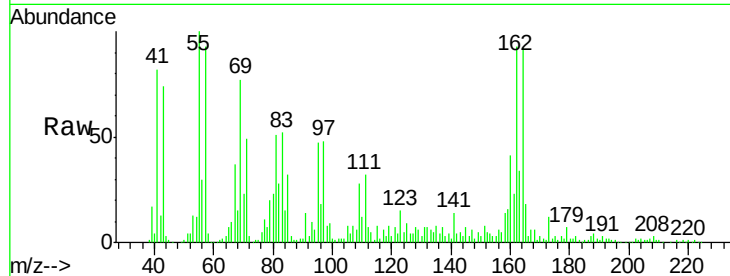
Tot Ion:164 Resp: 232347

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

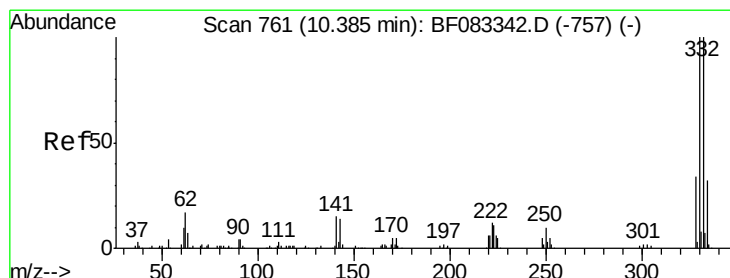
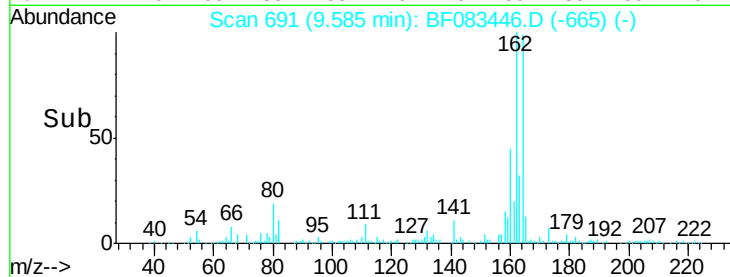
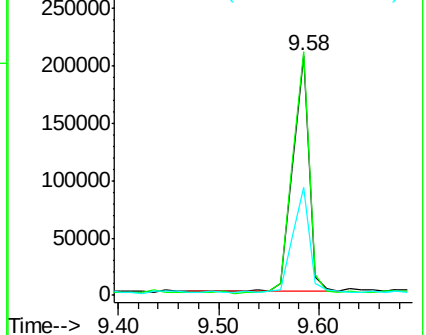
160 45.2 35.3 52.9



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: 93.41 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

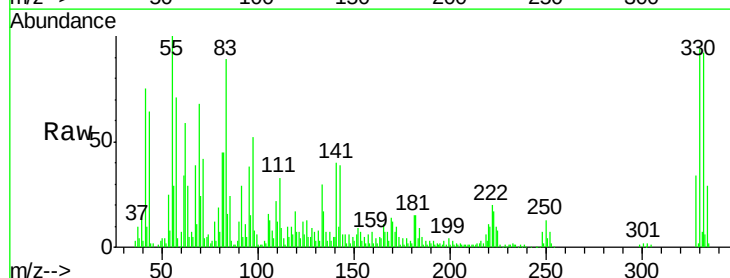
Tgt Ion:330 Resp: 217869

Ion Ratio Lower Upper

330 100

332 98.1 77.8 116.6

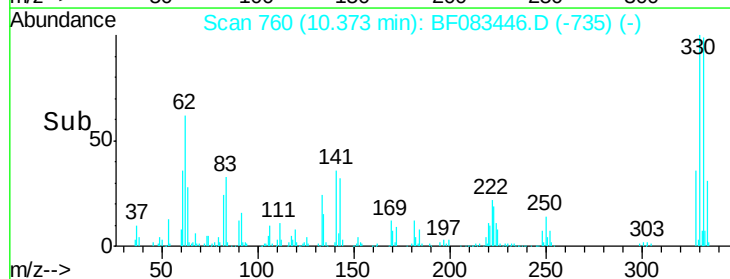
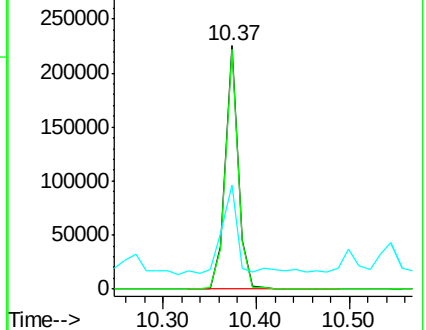
141 44.1 29.4 44.0#

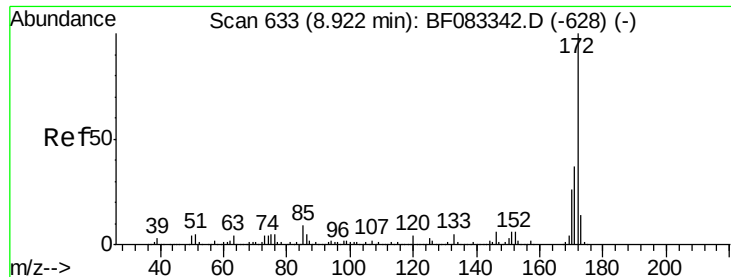


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 77.80 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083446.D

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Instrument :

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ClientSampleId :

SB-P3WC-08(0-8)

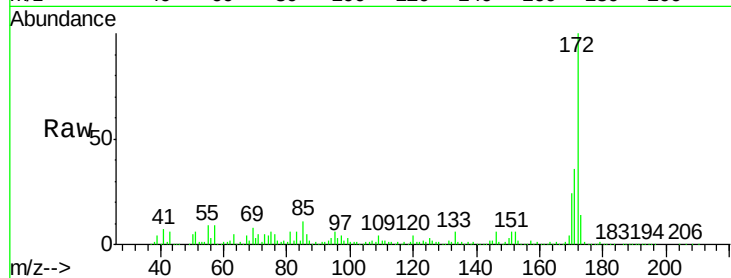
Tot Ion:172 Resp: 1268454

Ion Ratio Lower Upper

172 100

171 35.7 29.4 44.0

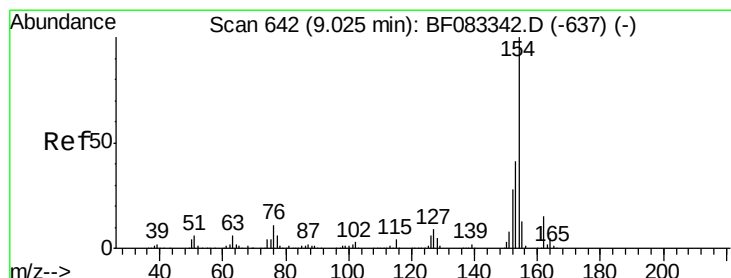
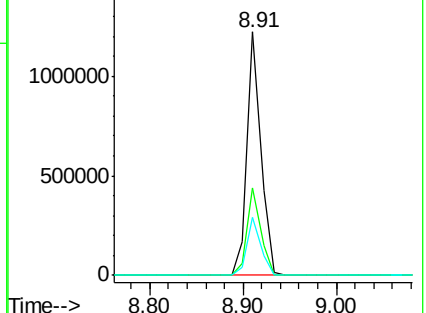
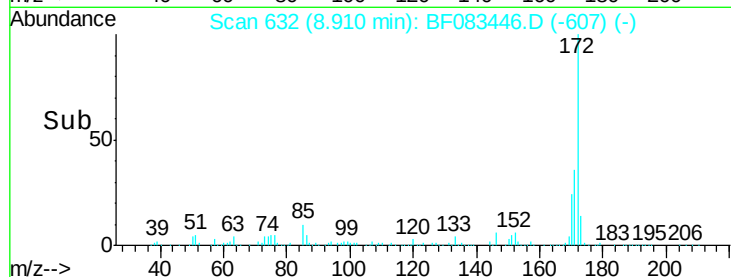
170 24.0 20.4 30.6



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 24.75 ng

RT: 9.01 min Scan# 641

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

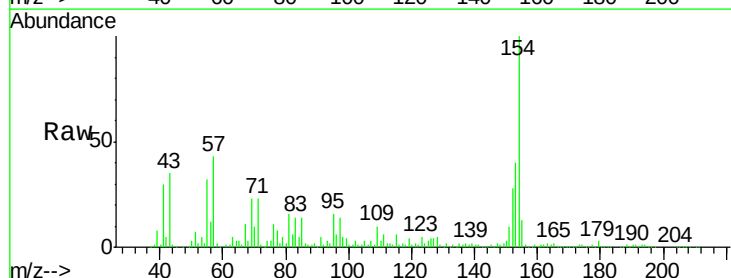
Tgt Ion:154 Resp: 504232

Ion Ratio Lower Upper

154 100

153 39.8 20.6 60.6

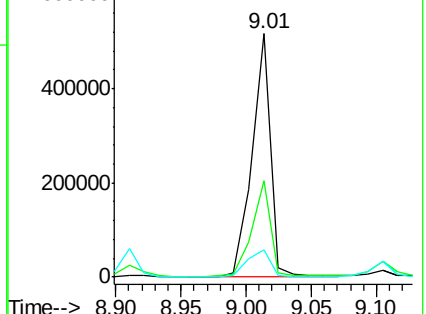
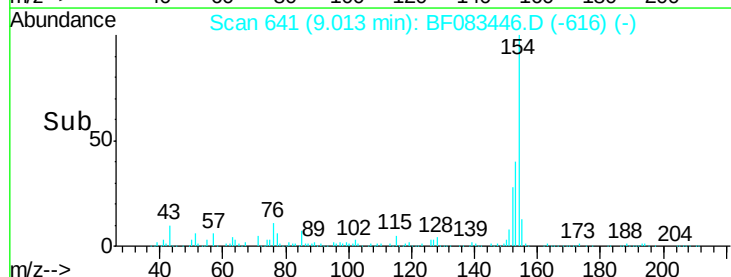
76 11.3 0.0 30.5

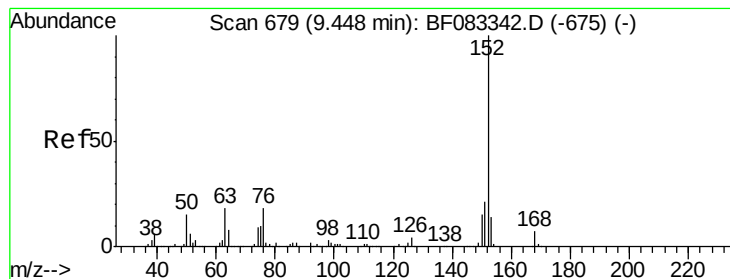


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 32.00 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

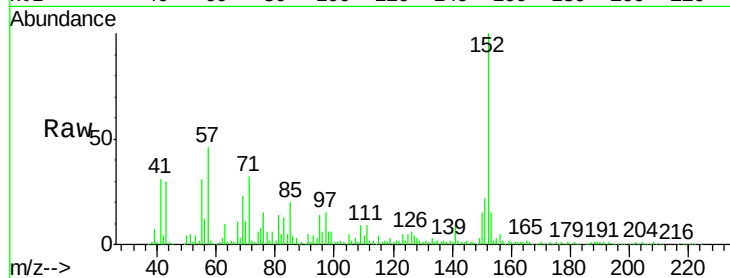
Tot Ion:152 Resp: 792502

Ion Ratio Lower Upper

152 100

151 21.9 16.7 25.1

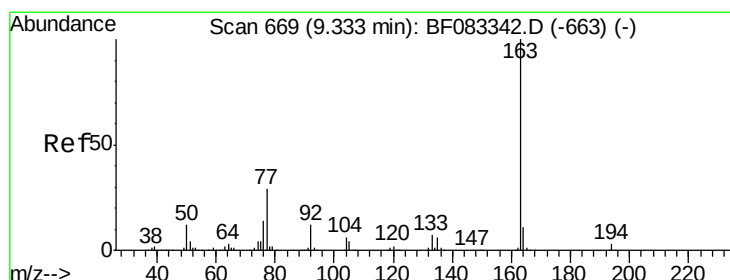
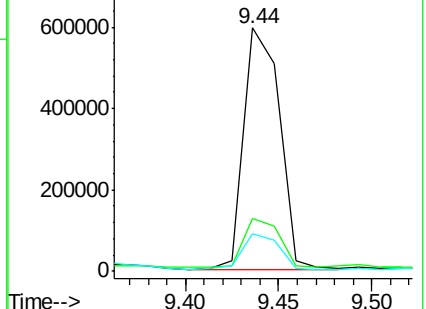
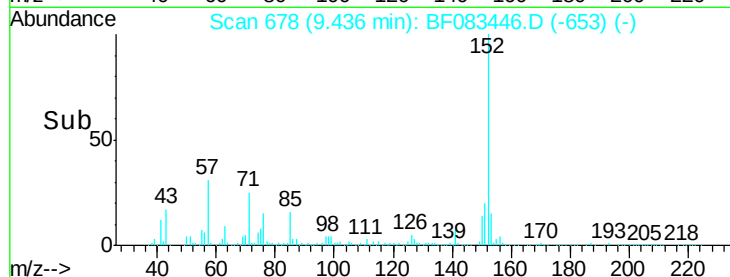
153 15.3 11.2 16.8



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: 4.70 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

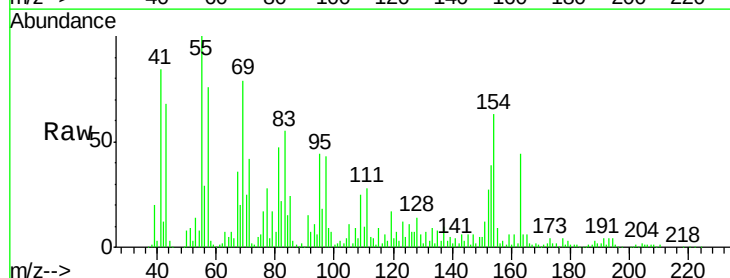
Tgt Ion:163 Resp: 88797

Ion Ratio Lower Upper

163 100

194 8.5 2.7 4.1#

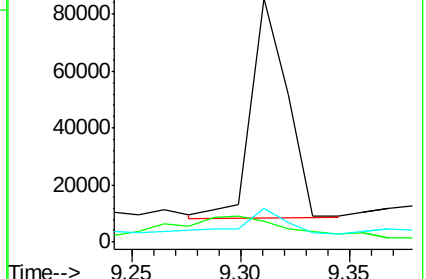
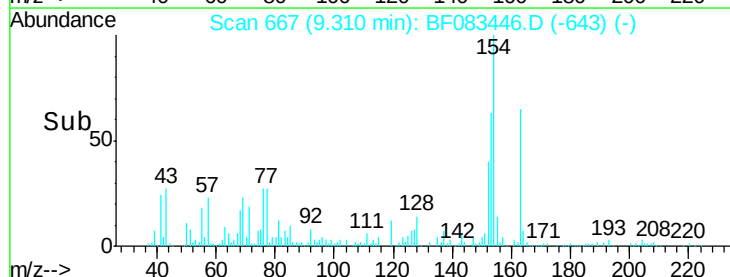
164 13.6 8.8 13.2#

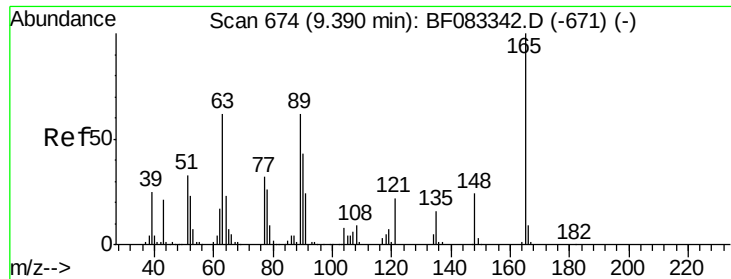


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

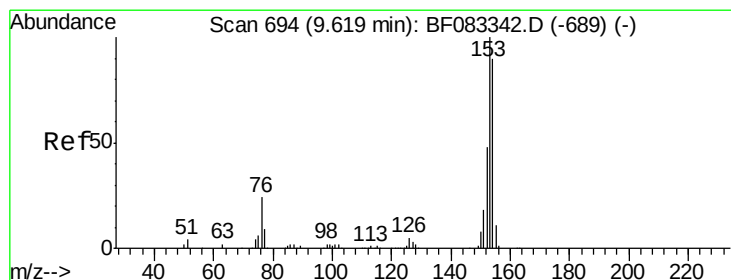
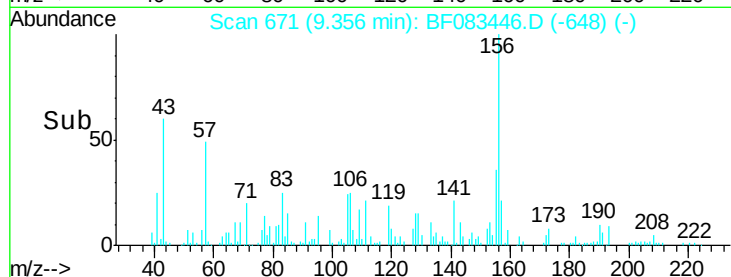
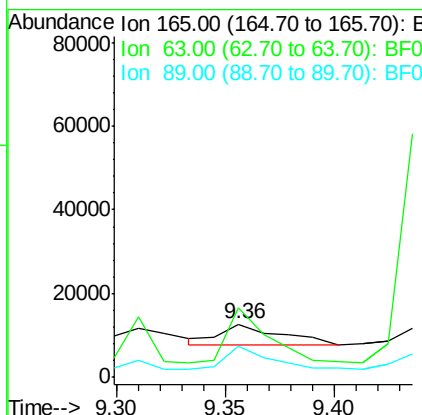
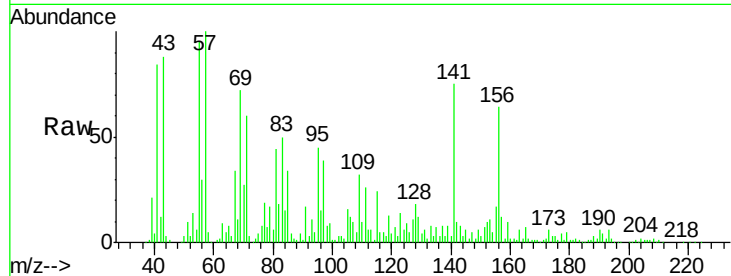




#50
2,6-Dinitrotoluene
Concen: 2.26 ng
RT: 9.36 min Scan# 671
Delta R.T. -0.03 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

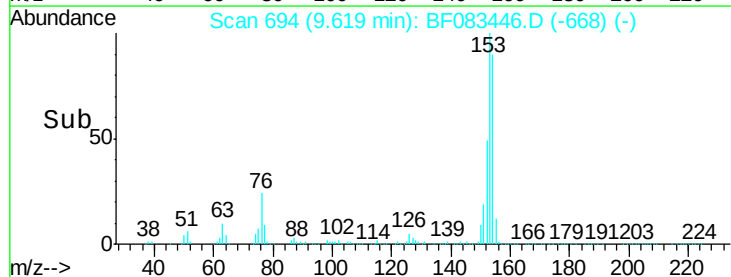
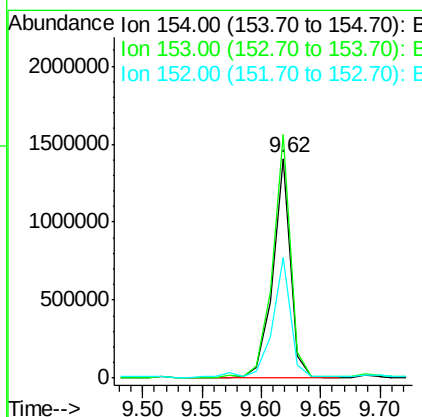
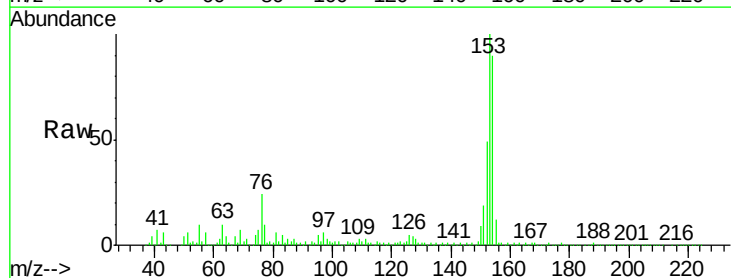
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

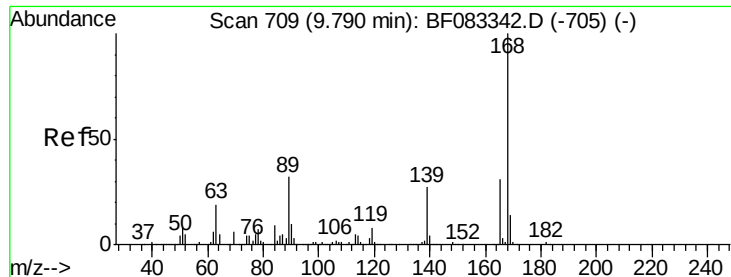
Tot Ion:165 Resp: 9120
Ion Ratio Lower Upper
165 100
63 130.8 56.0 84.0#
89 58.9 49.8 74.8



#51
Acenaphthene
Concen: 98.80 ng
RT: 9.62 min Scan# 694
Delta R.T. -0.00 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

Tgt Ion:154 Resp: 1439243
Ion Ratio Lower Upper
154 100
153 111.0 89.3 133.9
152 54.9 42.5 63.7





#54

Dibenzofuran

Concen: 6.39 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

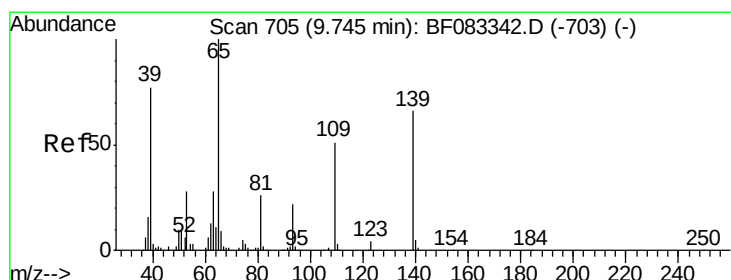
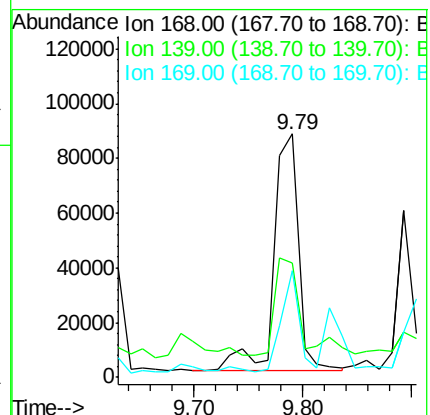
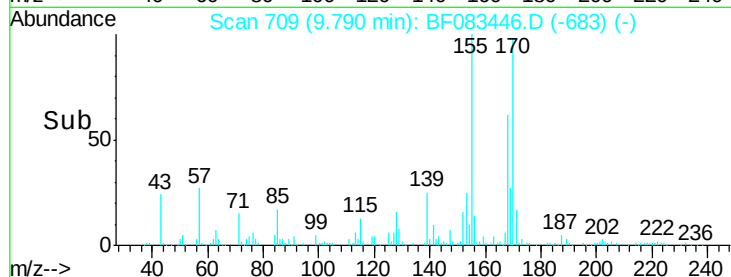
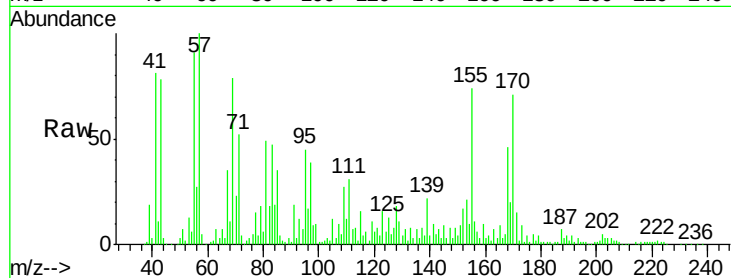
Tot Ion:168 Resp: 136432

Ion Ratio Lower Upper

168 100

139 46.7 32.7 49.1

169 44.1 11.1 16.7#



#55

4-Nitrophenol

Concen: 18.28 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.03 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

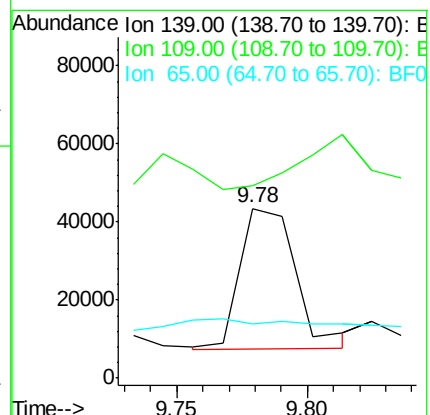
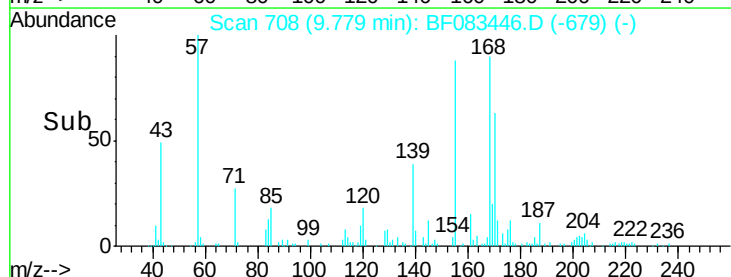
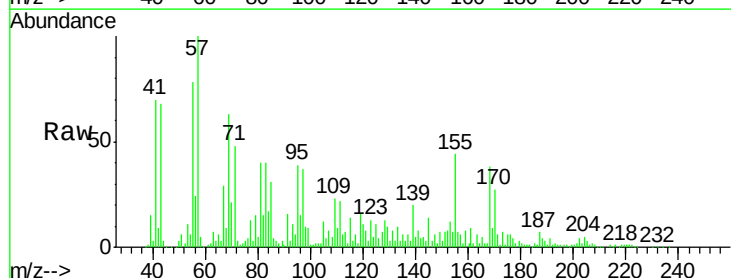
Tgt Ion:139 Resp: 54038

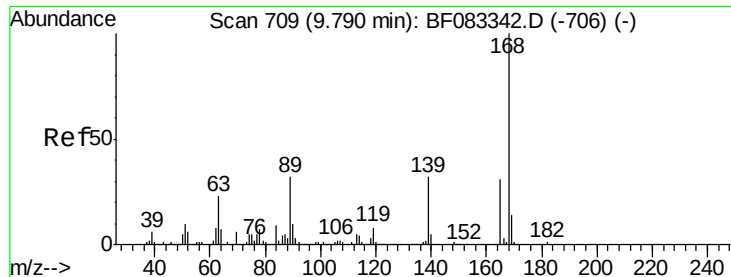
Ion Ratio Lower Upper

139 100

109 113.3 57.4 97.4#

65 31.6 131.6 171.6#

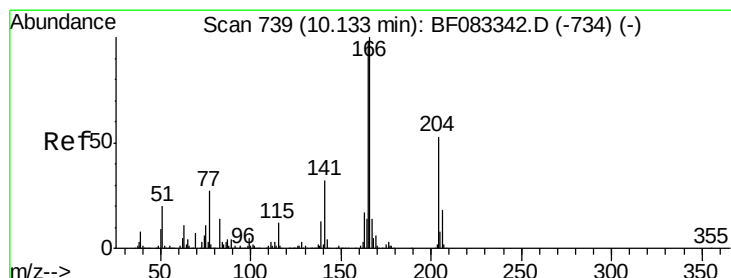
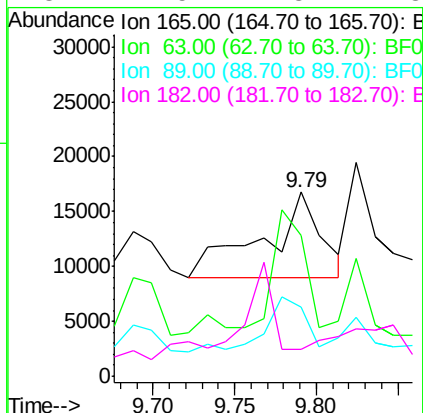
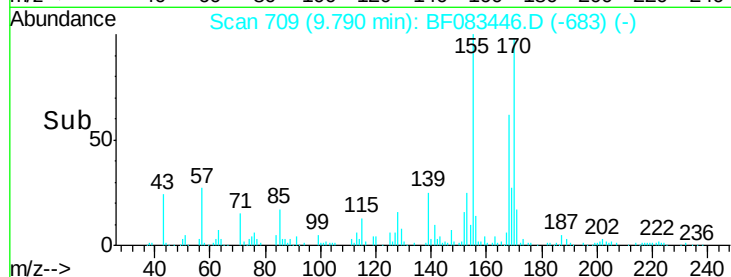
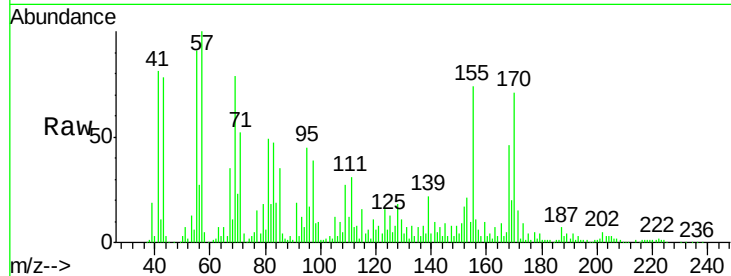




#56
 2,4-Dinitrotoluene
 Concen: 3.81 ng
 RT: 9.79 min Scan# 709
 Delta R.T. -0.00 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

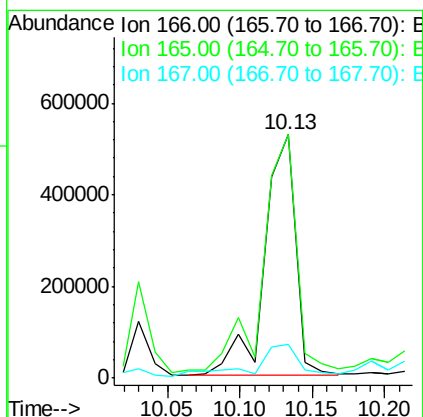
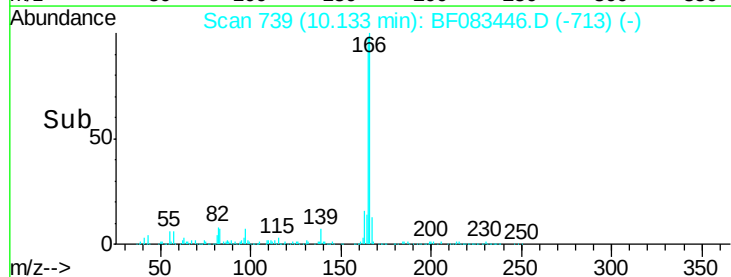
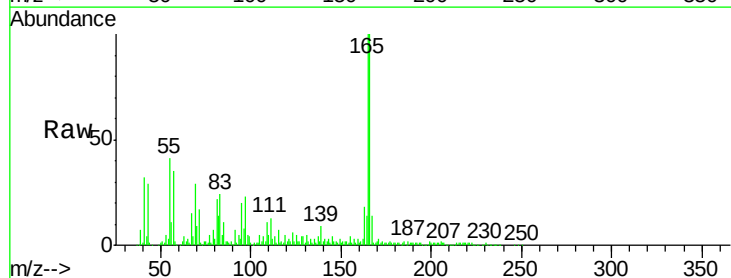
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

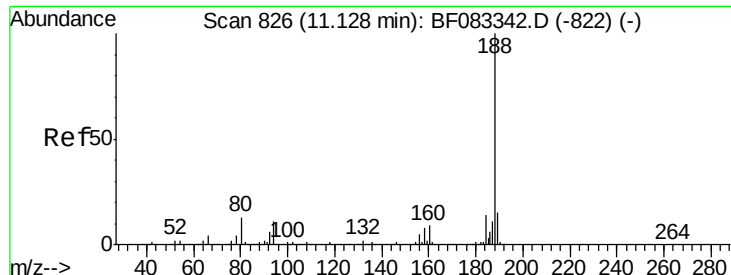
Tot Ion	165	Resp	19495
Ion	Ratio	Lower	Upper
165	100		
63	76.5	65.4	98.0
89	37.4	81.2	121.8#
182	14.5	1.8	2.8#



#57
 Fluorene
 Concen: 46.57 ng
 RT: 10.13 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

Tgt Ion	166	Resp	785069
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.3	117.5
167	14.0	11.1	16.7

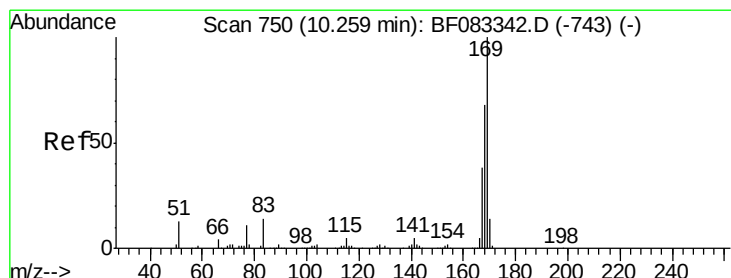
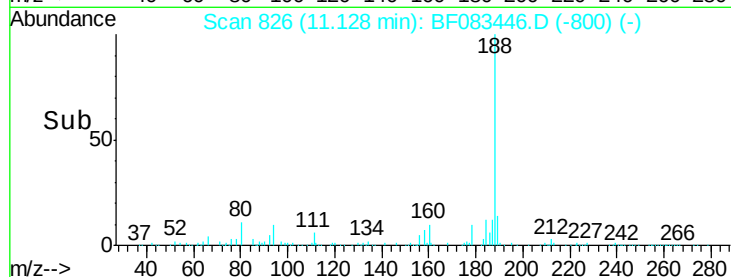
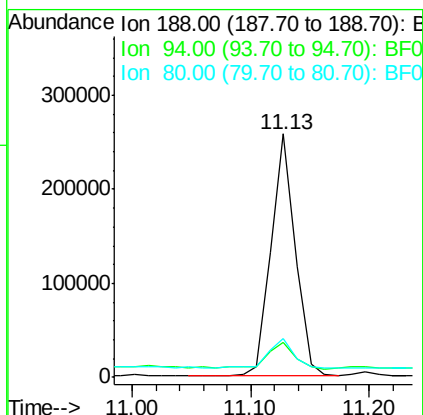
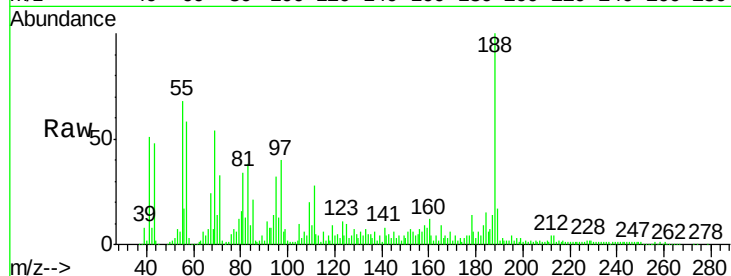




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.13 min Scan# 826
Delta R.T. -0.00 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

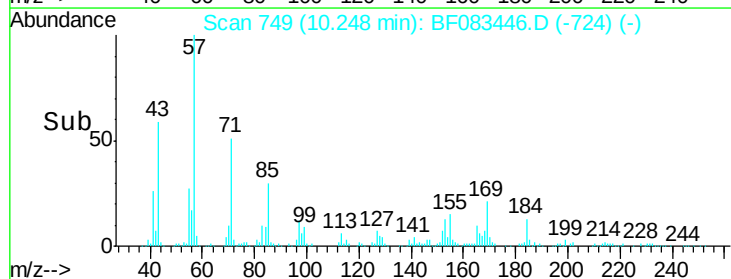
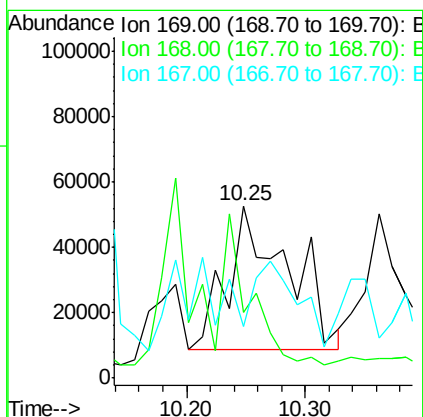
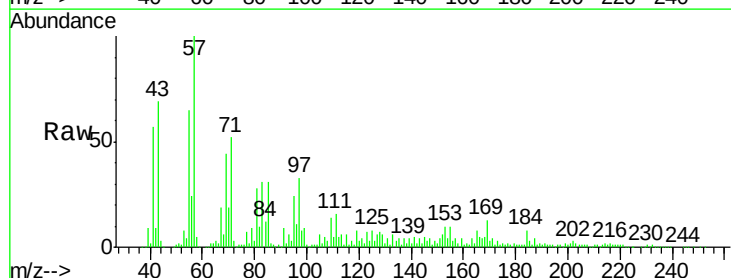
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

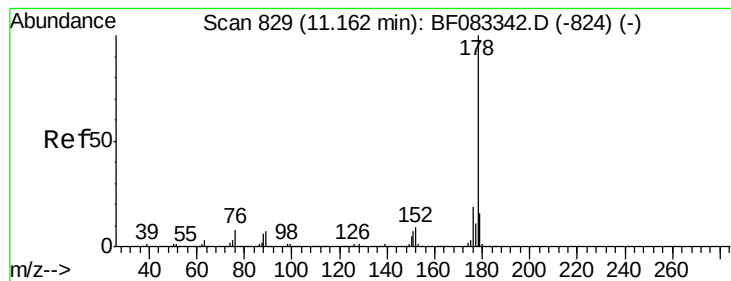
Tot Ion:188 Resp: 362192
Ion Ratio Lower Upper
188 100
94 14.5 8.7 13.1#
80 15.7 10.3 15.5#



#65
n-Nitrosodiphenylamine
Concen: 12.40 ng
RT: 10.25 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

Tgt Ion:169 Resp: 157871
Ion Ratio Lower Upper
169 100
168 38.4 54.8 82.2#
167 29.9 30.2 45.2#





#70

Phenanthrene

Concen: 163.38 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

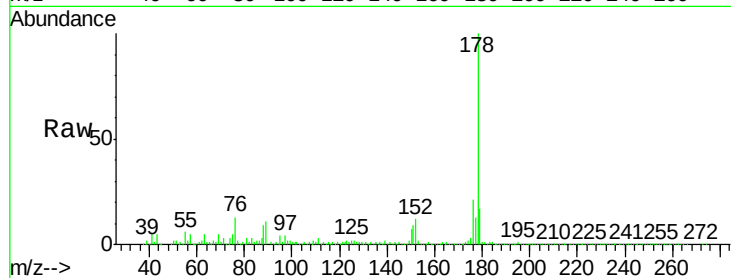
Tot Ion:178 Resp: 3501960

Ion Ratio Lower Upper

178 100

176 21.2 15.3 22.9

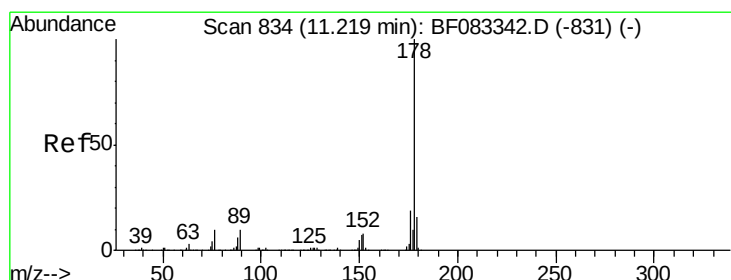
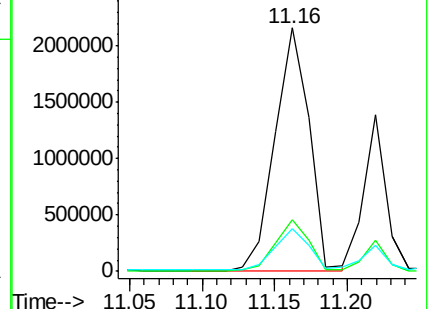
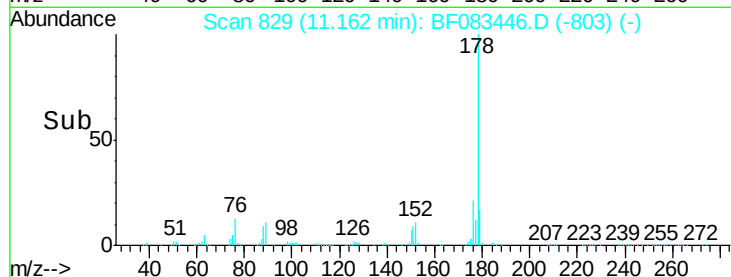
179 17.4 12.4 18.6



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: 66.18 ng

RT: 11.22 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

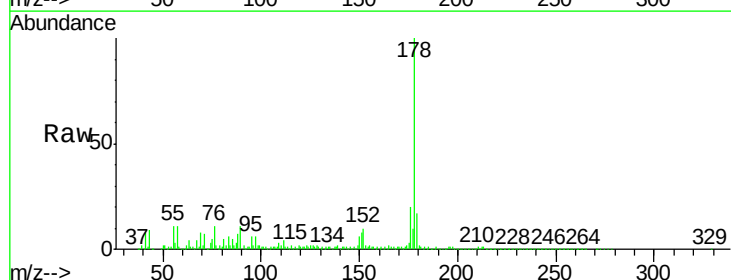
Tgt Ion:178 Resp: 1428135

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

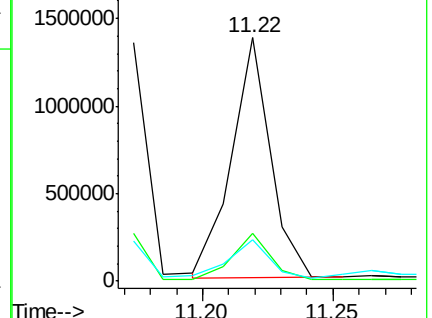
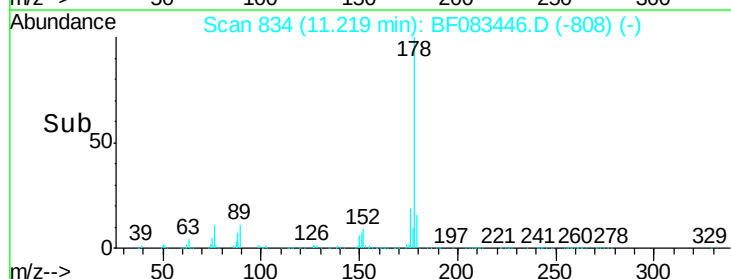
179 16.8 12.8 19.2

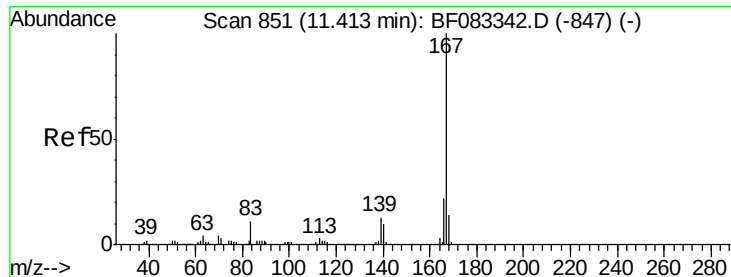


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

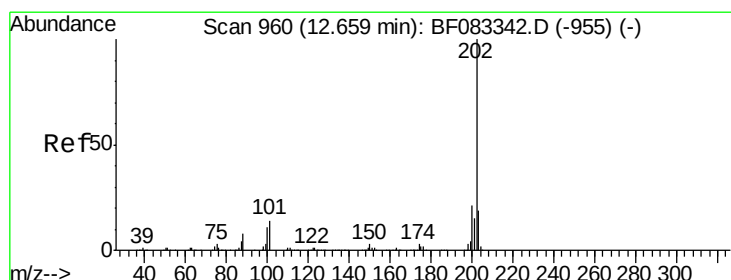
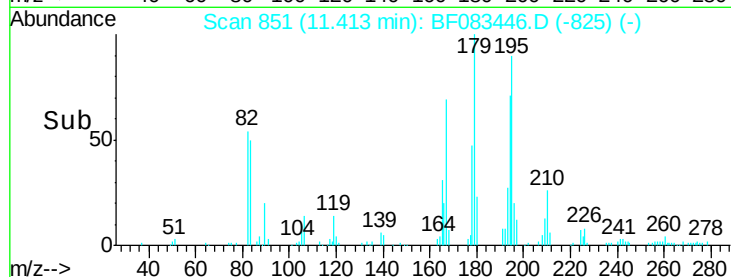
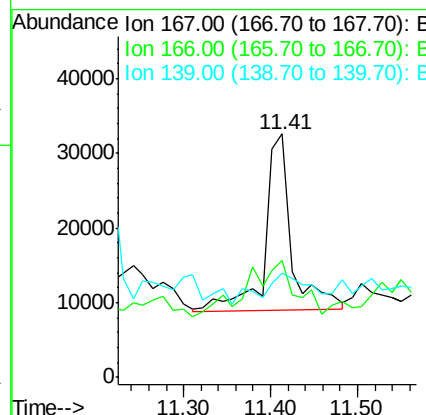
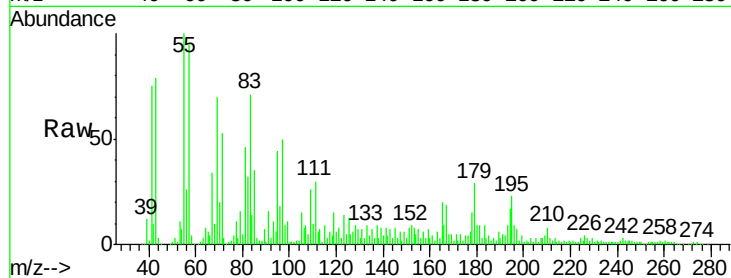




#72
 Carbazole
 Concen: 2.56 ng
 RT: 11.41 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

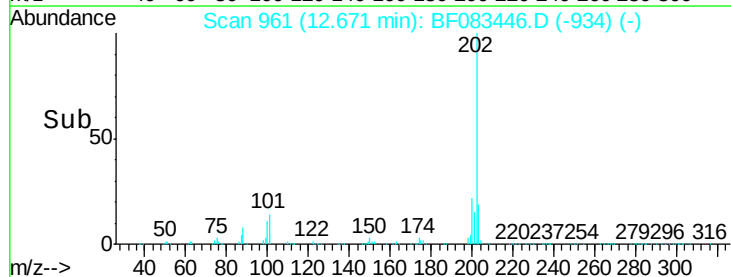
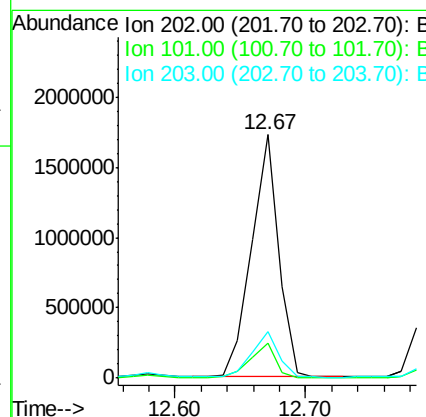
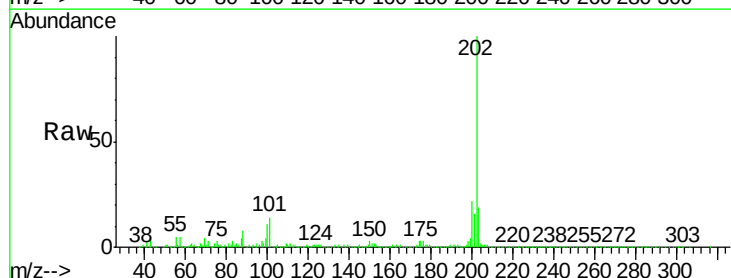
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

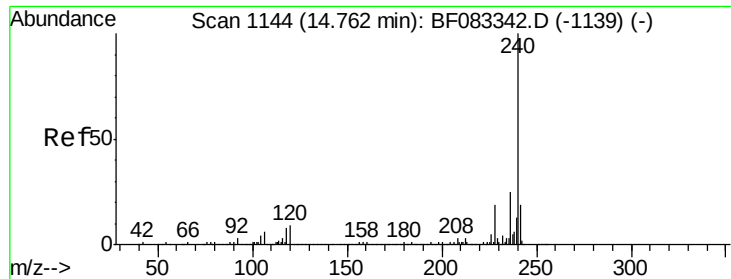
Tot Ion:167 Resp: 49574
 Ion Ratio Lower Upper
 167 100
 166 48.0 17.4 26.0#
 139 42.6 10.5 15.7#



#74
 Fluoranthene
 Concen: 113.09 ng
 RT: 12.67 min Scan# 961
 Delta R.T. 0.01 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

Tgt Ion:202 Resp: 2512595
 Ion Ratio Lower Upper
 202 100
 101 14.4 0.0 34.5
 203 19.0 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.75 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

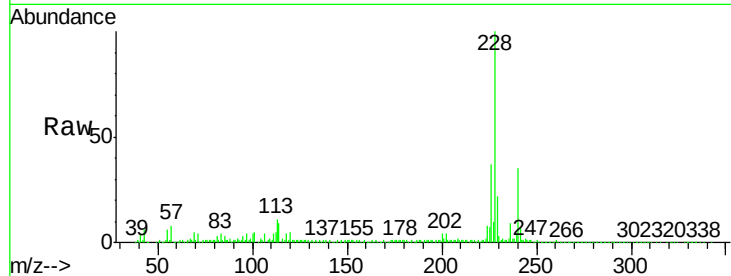
Tot Ion:240 Resp: 310155

Ion Ratio Lower Upper

240 100

120 14.8 6.9 10.3#

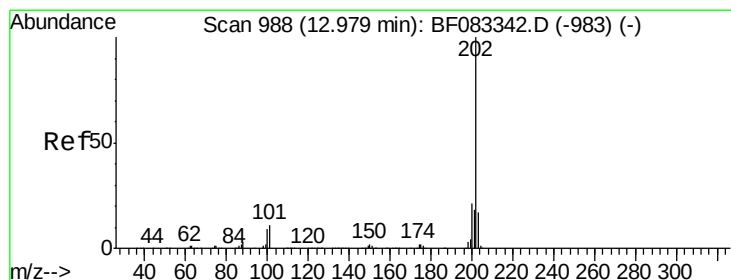
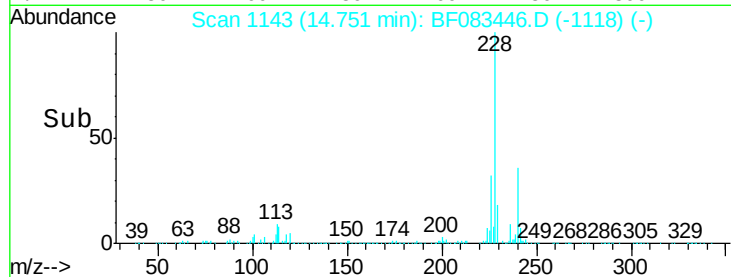
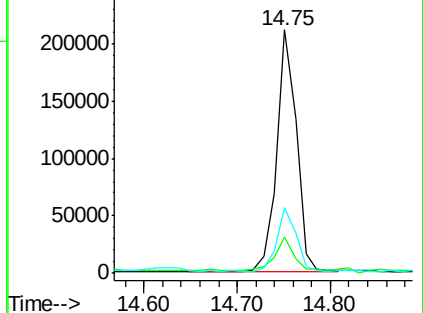
236 26.8 19.8 29.6



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: 171.07 ng

RT: 12.99 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

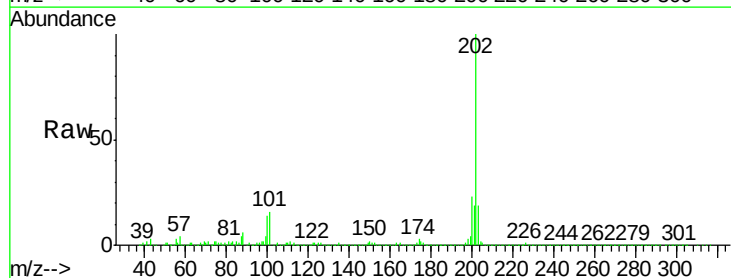
Tgt Ion:202 Resp: 3705345

Ion Ratio Lower Upper

202 100

200 23.0 16.9 25.3

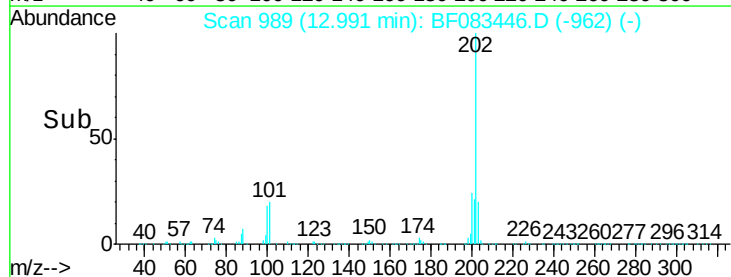
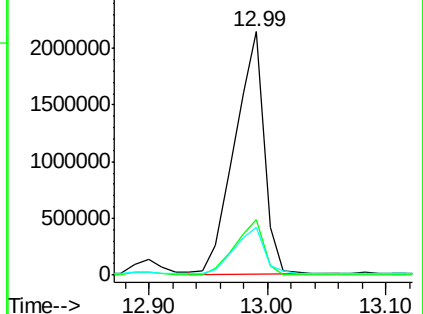
203 19.5 13.9 20.9

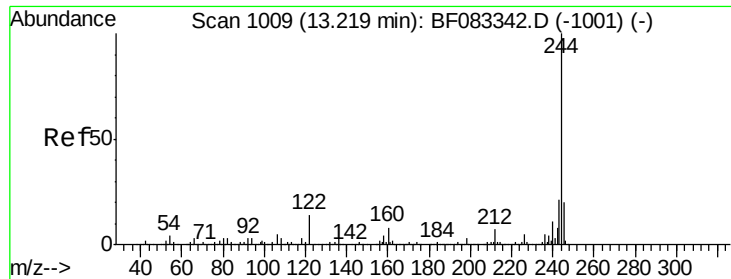


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

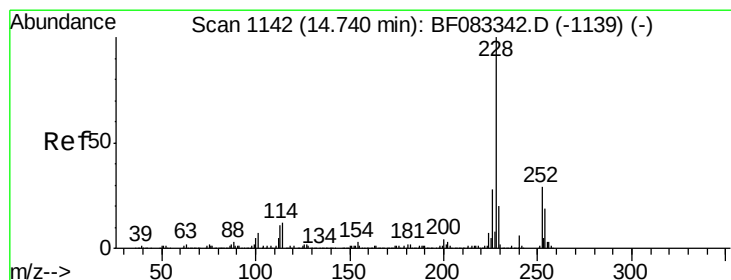
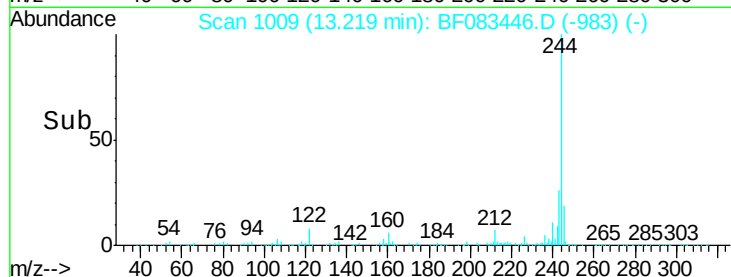
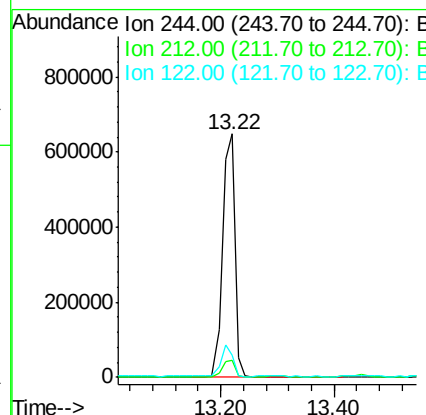
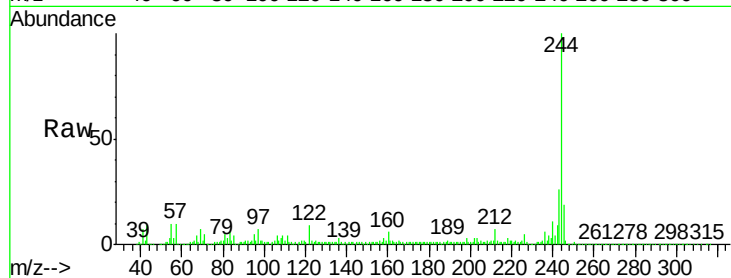




#78
 Terphenyl-d14
 Concen: 75.16 ng
 RT: 13.22 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

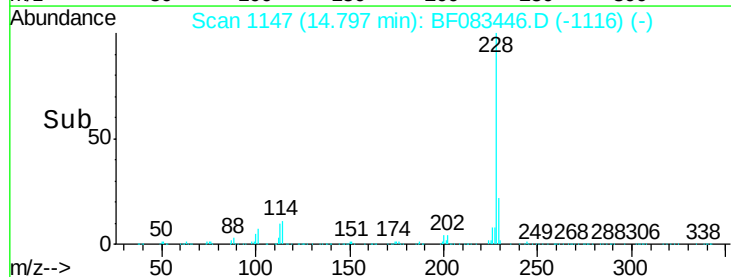
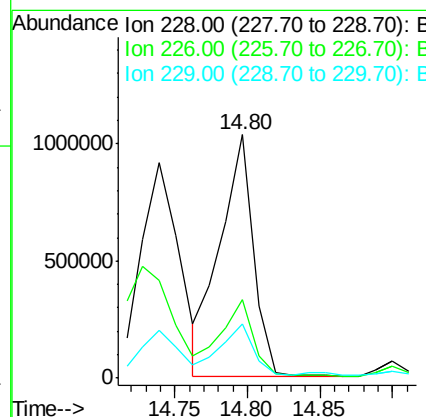
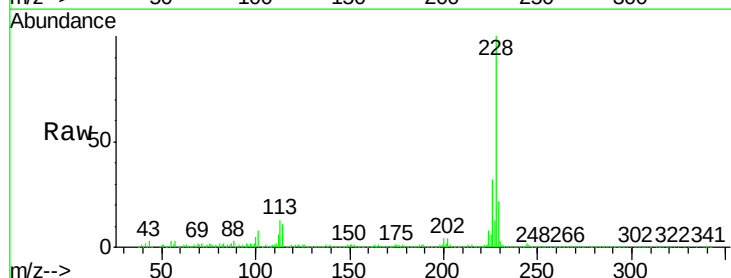
Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(0-8)

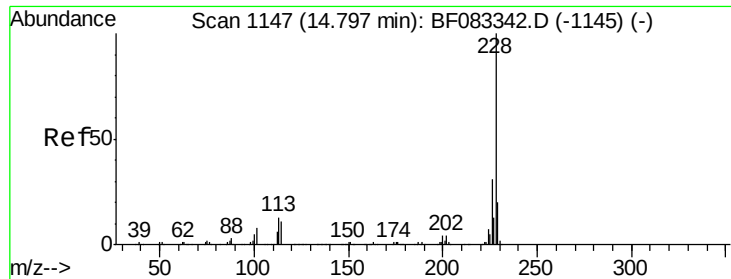
Tot Ion:244 Resp: 977443
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 8.9 11.0 16.4#



#80
 Benzo(a)anthracene
 Concen: 87.24 ng
 RT: 14.80 min Scan# 1147
 Delta R.T. 0.06 min
 Lab File: BF083446.D
 Acq: 3 Dec 2015 6:22

Tgt Ion:228 Resp: 1657628
 Ion Ratio Lower Upper
 228 100
 226 32.0 22.2 33.4
 229 22.3 16.1 24.1

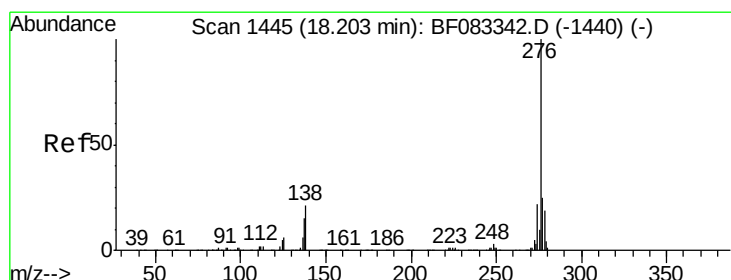
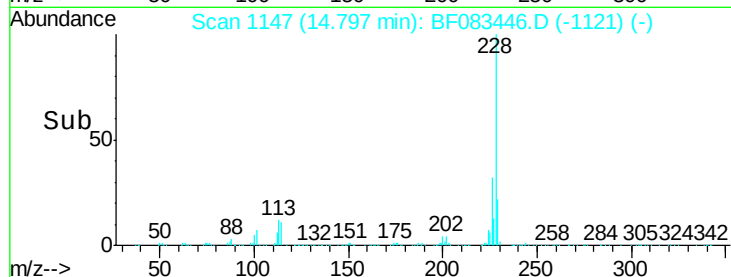
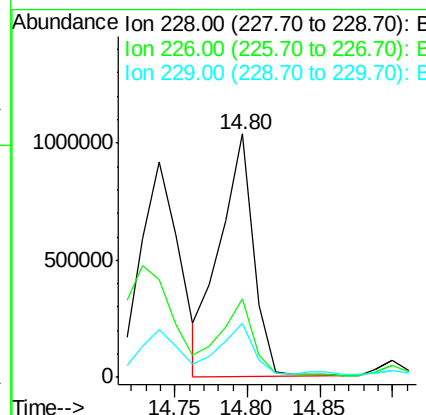
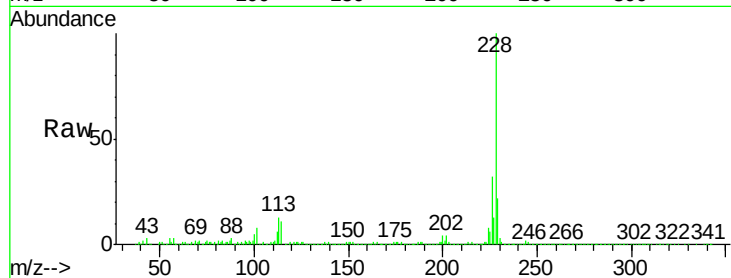




#82
Chrysene
Concen: 91.00 ng
RT: 14.80 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

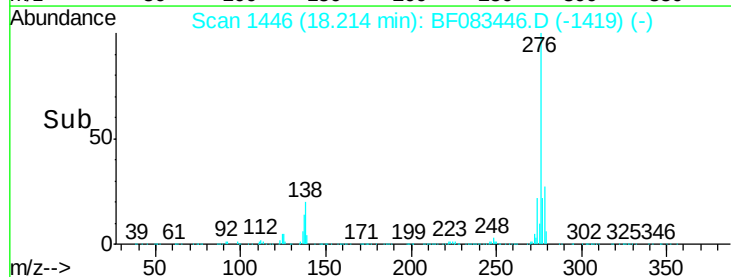
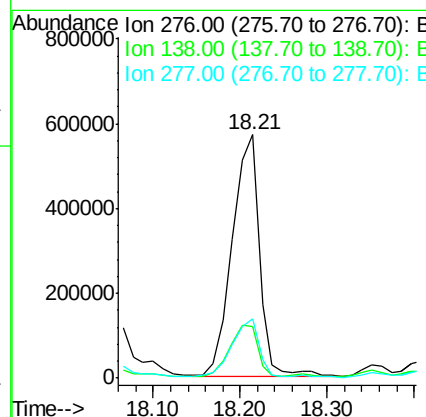
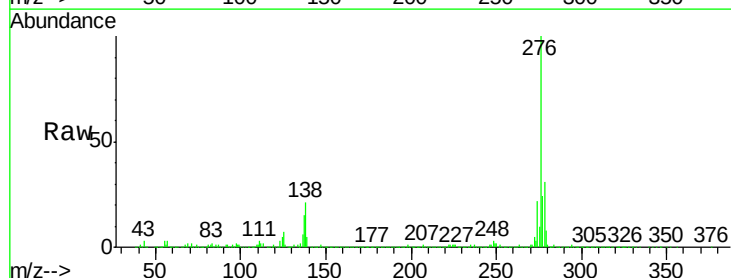
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

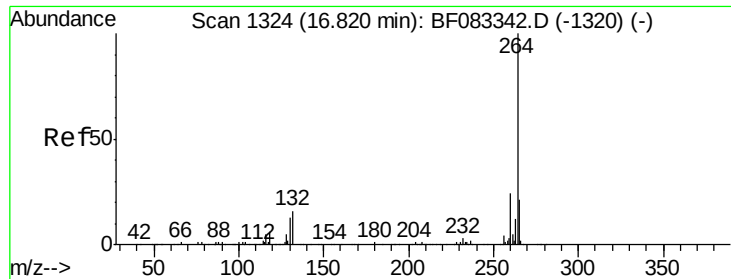
Tot Ion:228 Resp: 1670660
Ion Ratio Lower Upper
228 100
226 32.0 24.6 37.0
229 22.3 16.2 24.2



#85
Indeno(1,2,3-cd)pyrene
Concen: 92.27 ng
RT: 18.21 min Scan# 1446
Delta R.T. 0.01 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

Tgt Ion:276 Resp: 1233721
Ion Ratio Lower Upper
276 100
138 21.5 21.2 31.8
277 23.0 20.0 30.0

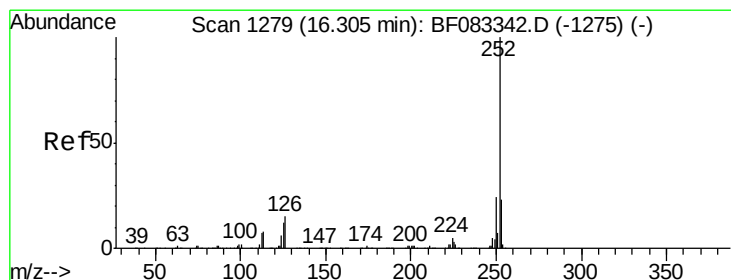
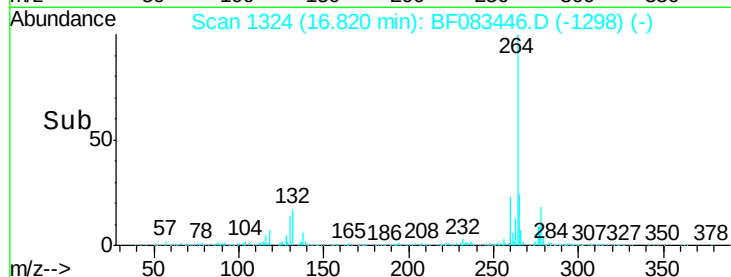
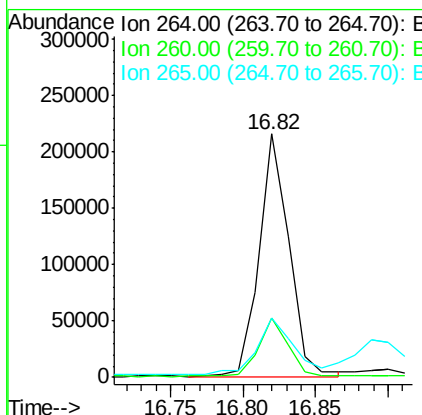
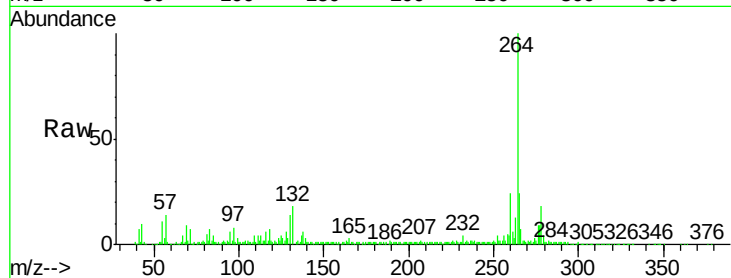




#86
Pervlene-d12
Concen: 20.00 ng
RT: 16.82 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

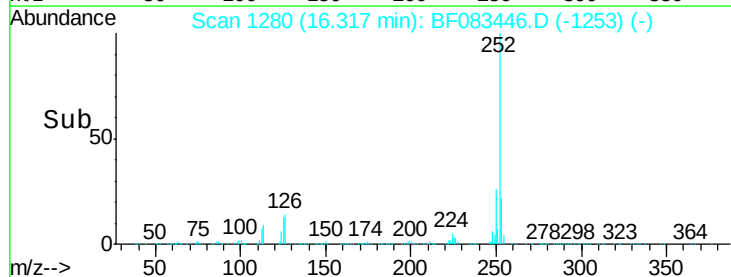
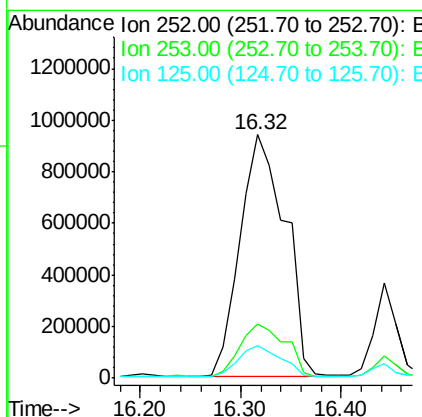
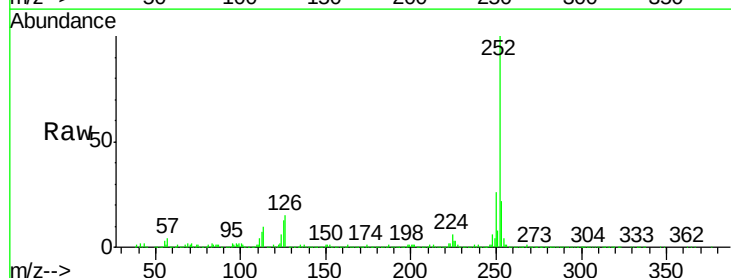
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(0-8)

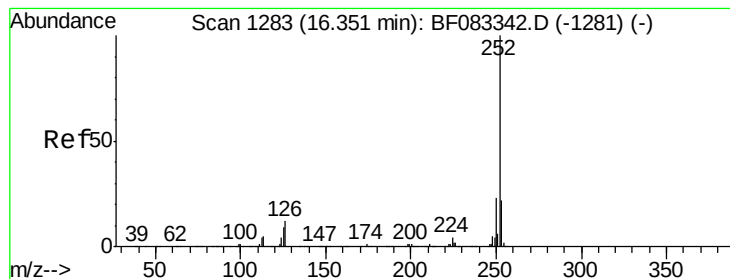
Tot Ion:264 Resp: 306665
Ion Ratio Lower Upper
264 100
260 24.4 19.0 28.4
265 24.5 16.8 25.2



#87
Benzo(b)fluoranthene
Concen: 148.86 ng
RT: 16.32 min Scan# 1280
Delta R.T. 0.01 min
Lab File: BF083446.D
Acq: 3 Dec 2015 6:22

Tgt Ion:252 Resp: 2929186
Ion Ratio Lower Upper
252 100
253 22.3 18.4 27.6
125 13.5 9.6 14.4





#88

Benzo(k)fluoranthene

Concen: 157.65 ng

RT: 16.32 min Scan# 1280

Delta R.T. -0.03 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

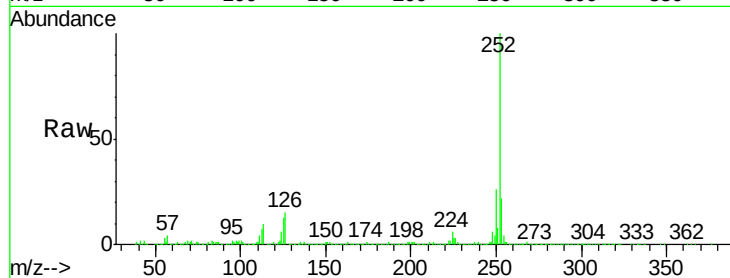
Tot Ion:252 Resp: 2929186

Ion Ratio Lower Upper

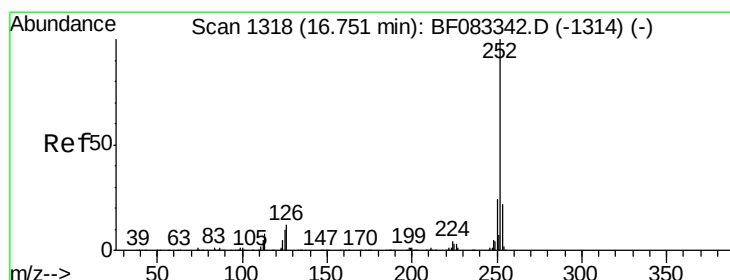
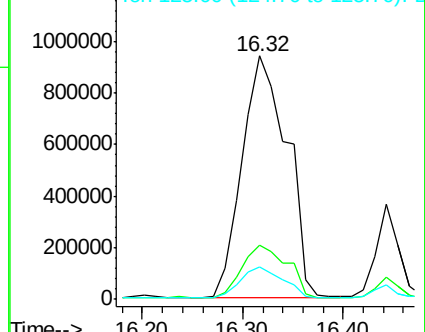
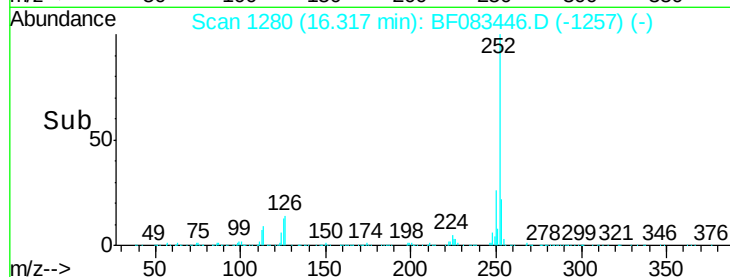
252 100

253 22.3 17.4 26.0

125 13.5 7.5 11.3#



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: 127.97 ng

RT: 16.76 min Scan# 1319

Delta R.T. 0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

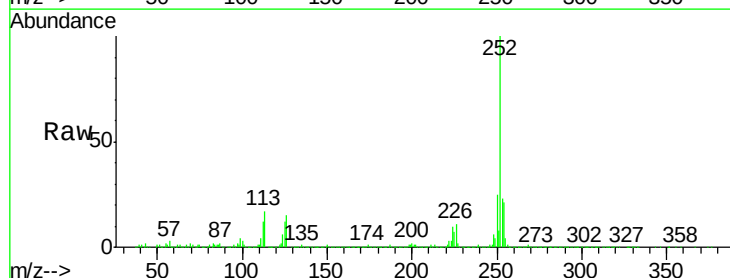
Tgt Ion:252 Resp: 2162861

Ion Ratio Lower Upper

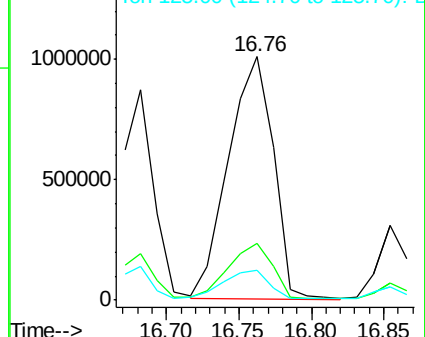
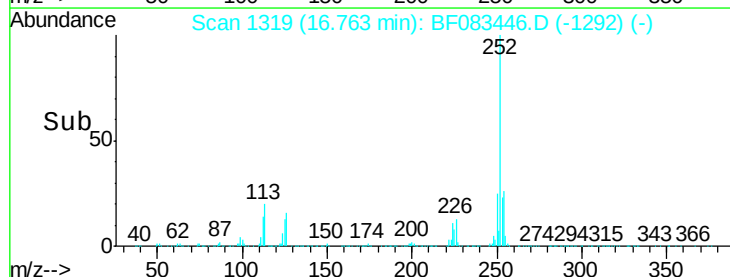
252 100

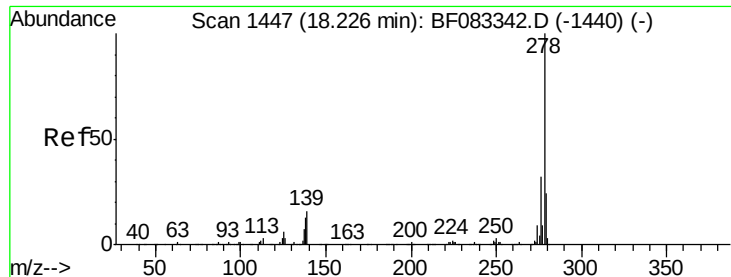
253 23.4 17.5 26.3

125 12.3 7.8 11.8#



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: 18.95 ng

RT: 18.21 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(0-8)

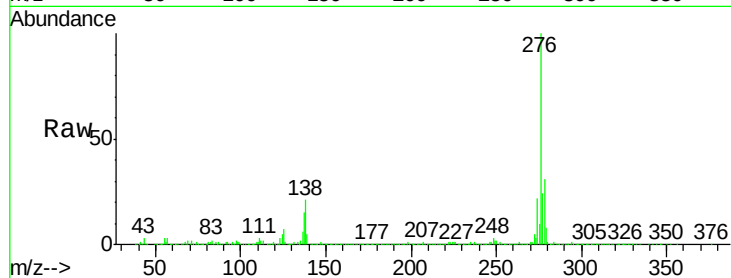
Tot Ion:278 Resp: 279009

Ion Ratio Lower Upper

278 100

139 15.5 13.1 19.7

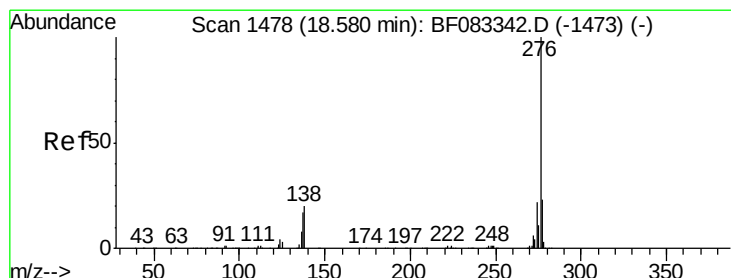
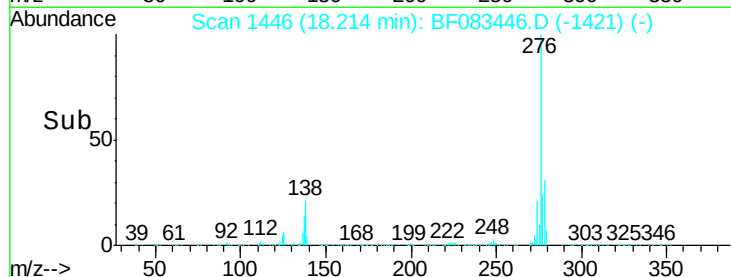
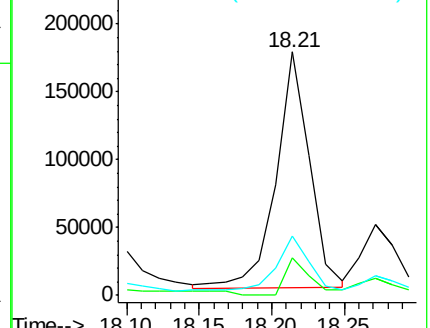
279 24.2 19.2 28.8



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: 99.03 ng

RT: 18.59 min Scan# 1479

Delta R.T. 0.01 min

Lab File: BF083446.D

Acq: 3 Dec 2015 6:22

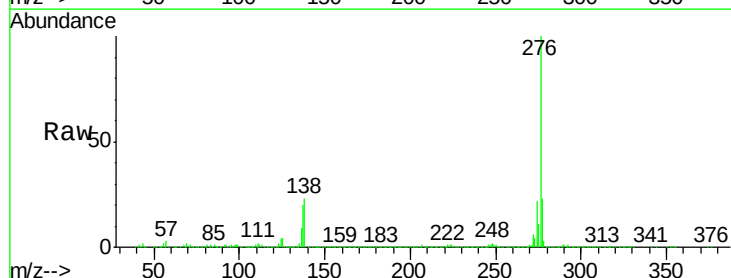
Tgt Ion:276 Resp: 1431373

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 22.7 16.1 24.1



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

