

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083439.D
 Acq On : 3 Dec 2015 2:49
 Operator : UM/IZ
 Sample : G4582-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(8-14)

Quant Time: Dec 03 06:46:35 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	584848	20.00	ng	0.15
21) Naphthalene-d8	7.84	136	528113	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	272932	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	487935	20.00	ng	-0.01
75) Chrysene-d12	14.74	240	333436	20.00	ng	-0.02
86) Perylene-d12	16.80	264	337682	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1351549	34.68	ng	0.00
7) Phenol-d6	6.21	99	1864624	34.95	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1281857	106.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.37	330	362075	132.15	ng	-0.01
44) 2-Fluorobiphenyl	8.91	172	1635702	85.40	ng	-0.01
78) Terphenyl-d14	13.21	244	1460634	104.47	ng	-0.01

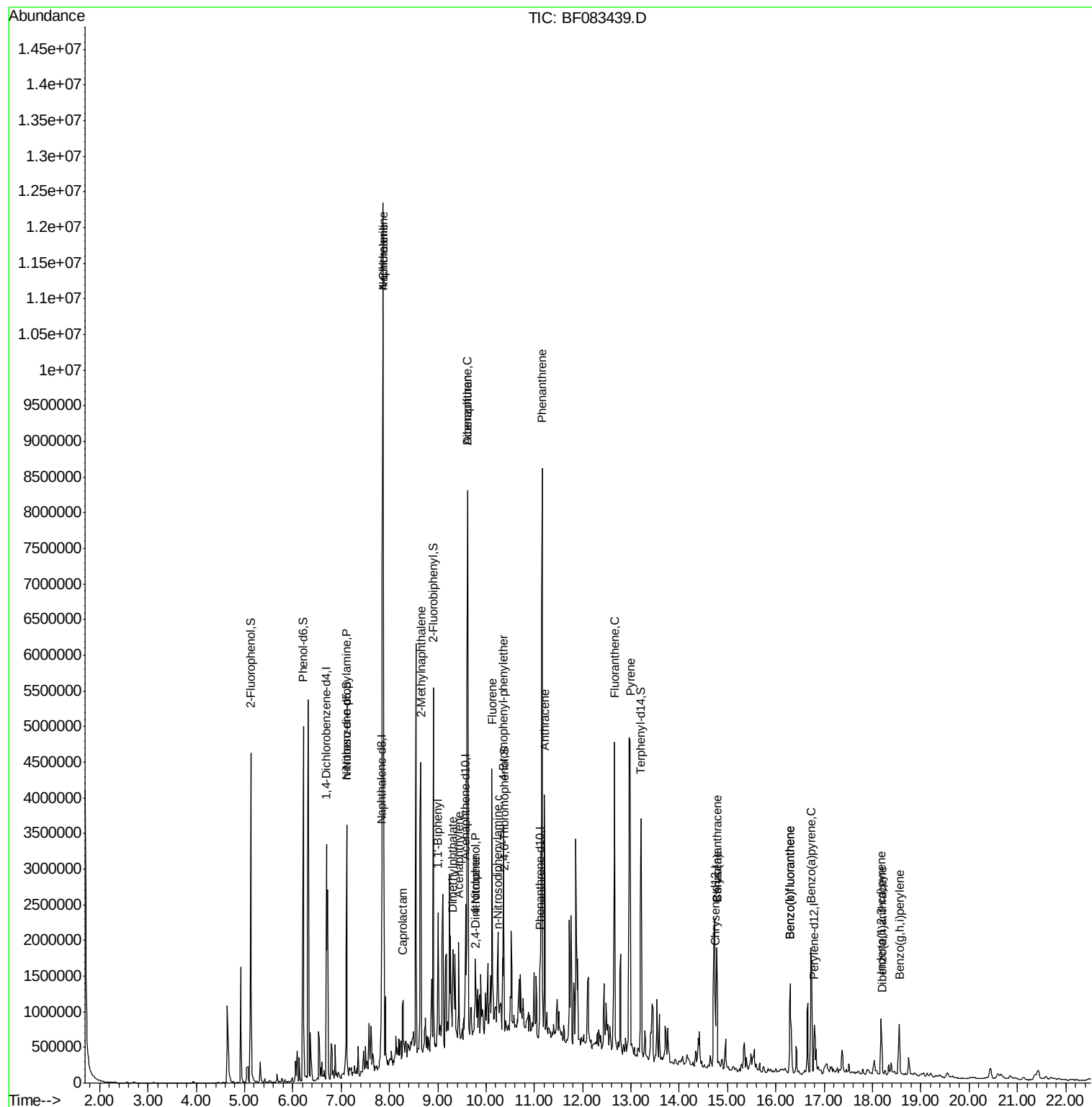
Target Compounds				Qvalue		
9) Benzaldehyde	6.32	77	37464	Below Cal		83
19) n-Nitroso-di-n-propylamine	7.12	70	195118	5.12 ng	#	80
31) Naphthalene	7.87	128	9273480	323.63 ng	#	88
33) 4-Chloroaniline	7.87	127	1545063	125.08 ng	#	33
35) Caprolactam	8.28	113	21925	8.22 ng	#	11
37) 2-Methylnaphthalene	8.65	142	1510330	78.87 ng		95
45) 1,1'-Biphenyl	9.00	154	702316	29.34 ng		94
48) Acenaphthylene	9.44	152	298597	10.26 ng	#	95
49) Dimethylphthalate	9.31	163	337292	15.21 ng		99
51) Acenaphthene	9.62	154	2197702	128.43 ng		98
54) Dibenzofuran	9.62	168	55523	2.21 ng		92
55) 4-Nitrophenol	9.78	139	71544	20.60 ng	#	1
56) 2,4-Dinitrotoluene	9.79	165	21592	3.59 ng	#	46
57) Fluorene	10.12	166	1199684	60.58 ng		99
65) n-Nitrosodiphenylamine	10.24	169	49013	2.86 ng	#	1
66) 4-Bromophenyl-phenylether	10.36	248	23359	4.38 ng	#	1
70) Phenanthrene	11.16	178	4826786	167.16 ng		93
71) Anthracene	11.21	178	1665871	57.31 ng		99
74) Fluoranthene	12.66	202	2500605	83.54 ng		98
77) Pyrene	12.98	202	3572795	153.43 ng		97
80) Benzo(a)anthracene	14.77	228	931775	45.61 ng		96
82) Chrysene	14.77	228	933667	47.31 ng		99
85) Indeno(1,2,3-cd)pyrene	18.18	276	492825	34.28 ng		96
87) Benzo(b)fluoranthene	16.29	252	1227997	56.68 ng		98
88) Benzo(k)fluoranthene	16.29	252	1227997	60.02 ng	#	95
89) Benzo(a)pyrene	16.73	252	1081198	58.10 ng	#	98
90) Dibenzo(a,h)anthracene	18.19	278	123364	7.61 ng		100
91) Benzo(g,h,i)perylene	18.56	276	571562	35.91 ng		98

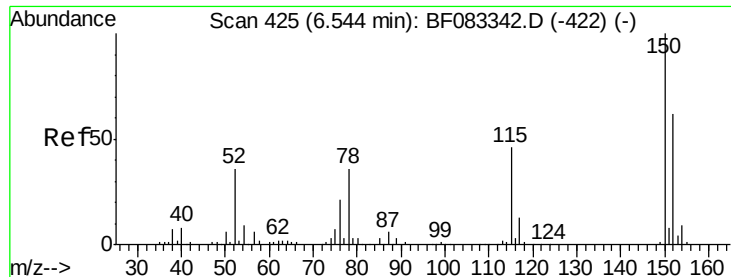
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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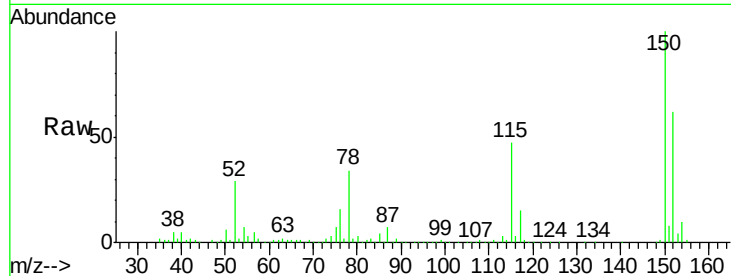




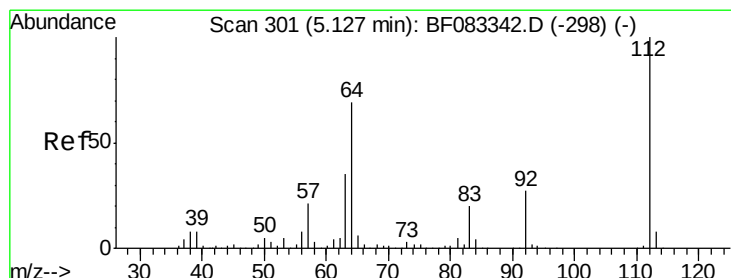
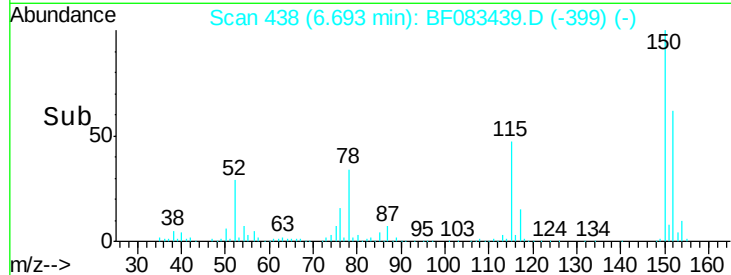
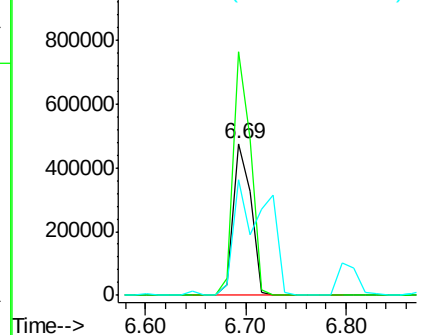
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.69 min Scan# 438
 Delta R.T. 0.15 min
 Lab File: BF083439.D
 Acq: 3 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(8-14)

Tgt Ion:152 Resp: 584848
 Ion Ratio Lower Upper
 152 100
 150 160.3 129.8 194.8
 115 75.8 59.2 88.8

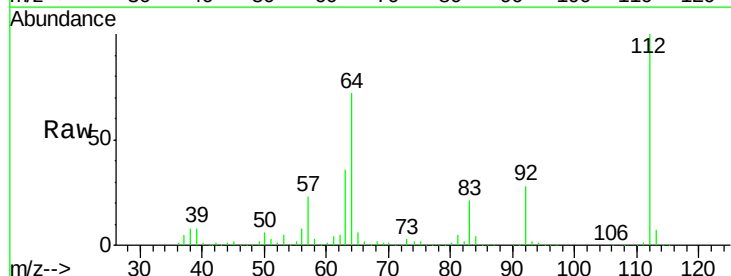


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

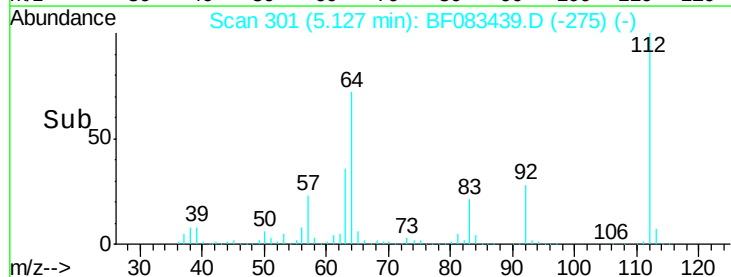
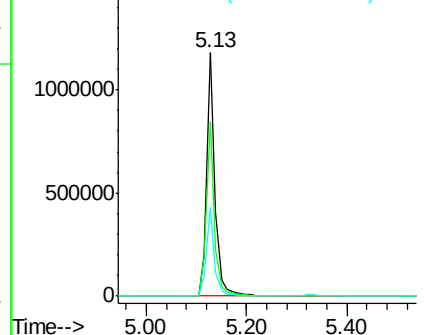


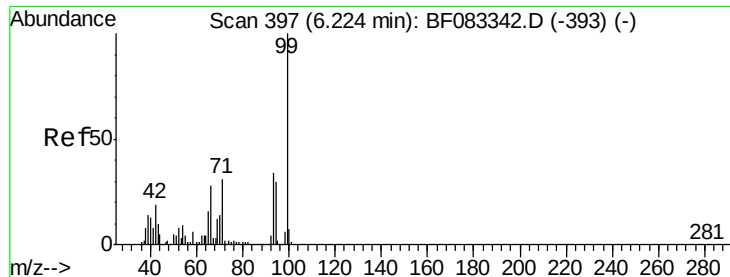
#5
 2-Fluorophenol
 Concen: 34.68 ng
 RT: 5.13 min Scan# 301
 Delta R.T. -0.00 min
 Lab File: BF083439.D
 Acq: 3 Dec 2015 2:49

Tgt Ion:112 Resp: 1351549
 Ion Ratio Lower Upper
 112 100
 64 71.5 55.6 83.4
 63 36.4 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: 34.95 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

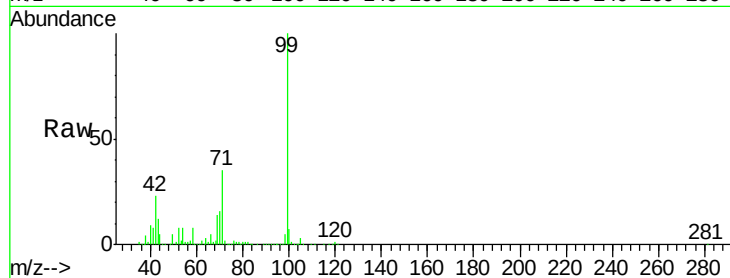
Tgt Ion: 99 Resp: 1864624

Ion Ratio Lower Upper

99 100

42 22.6 14.9 22.3#

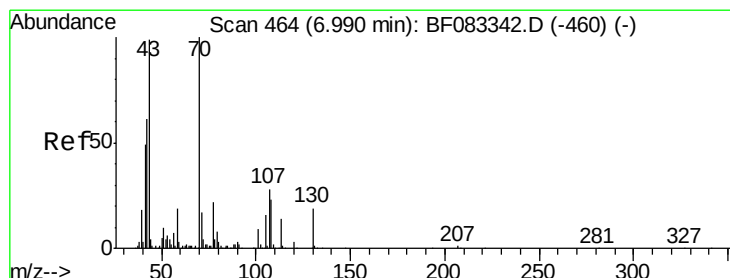
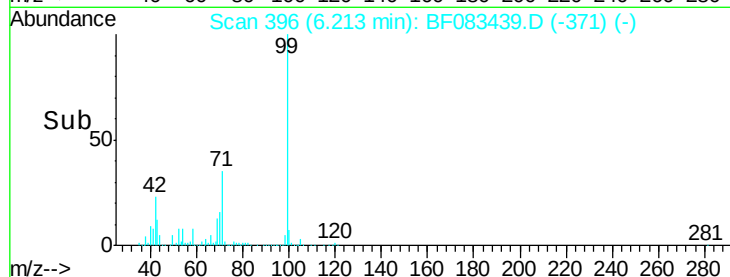
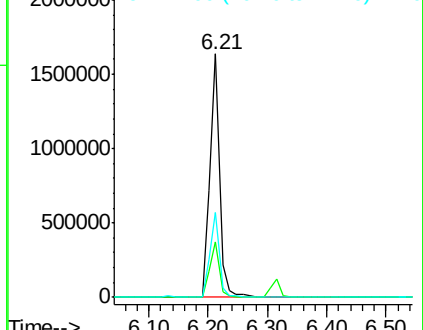
71 35.1 24.7 37.1



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: 5.12 ng

RT: 7.12 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Tgt Ion: 70 Resp: 195118

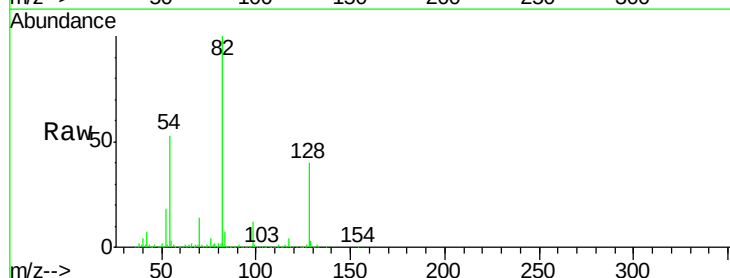
Ion Ratio Lower Upper

70 100

42 50.0 48.8 73.2

101 0.0 7.1 10.7#

130 2.0 15.0 22.6#

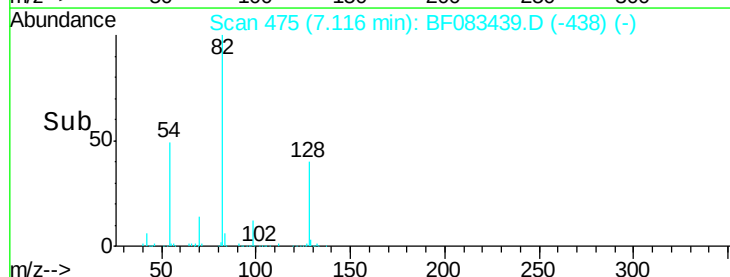
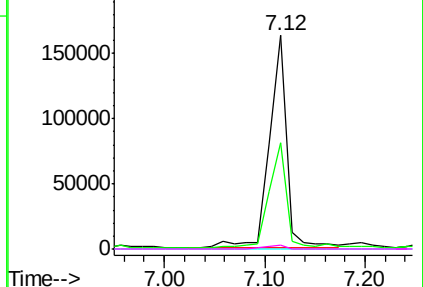


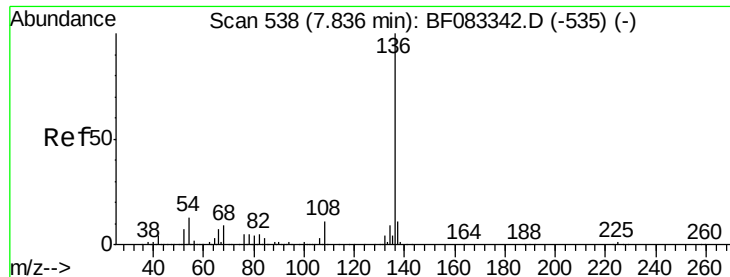
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.84 min Scan# 538

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

Tgt Ion:136 Resp: 528113

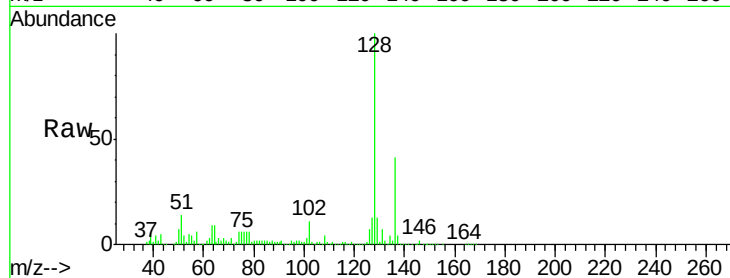
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 11.3 10.1 15.1

68 8.2 7.1 10.7

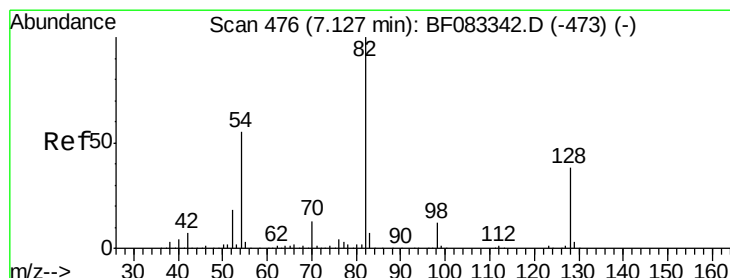
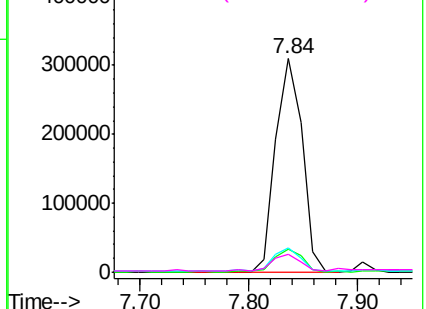
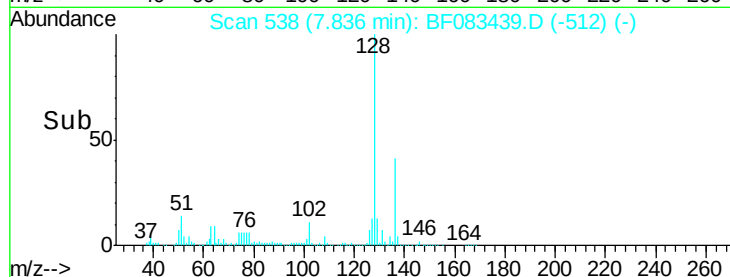


Abundance Ion 136.00 (135.70 to 136.70): E

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: 106.70 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

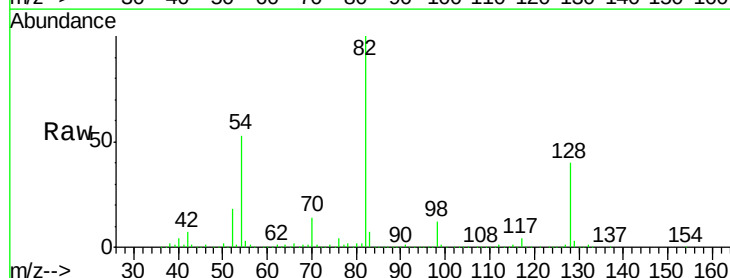
Tgt Ion: 82 Resp: 1281857

Ion Ratio Lower Upper

82 100

128 39.6 30.6 46.0

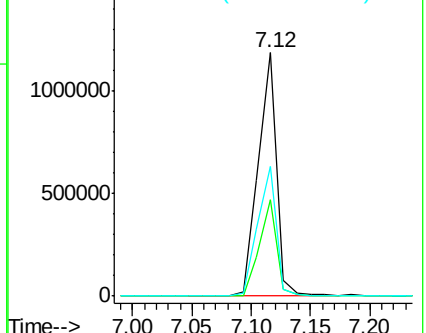
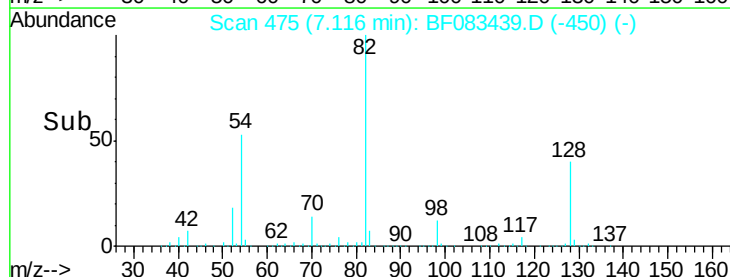
54 53.2 43.8 65.6

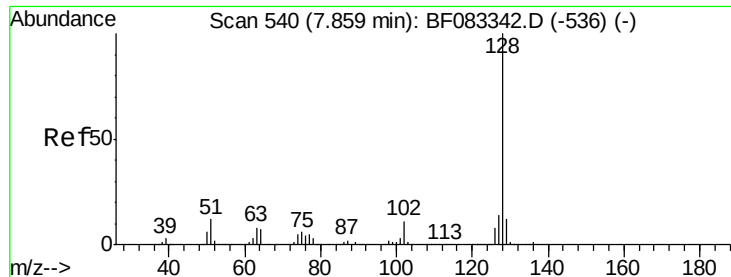


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

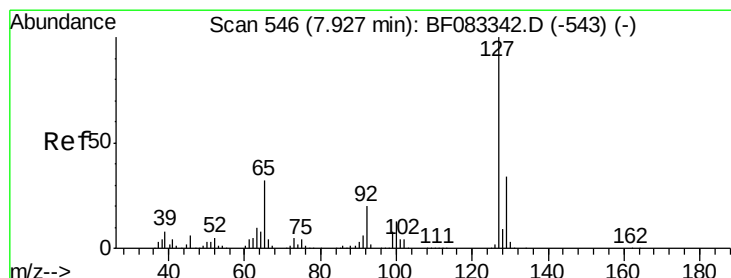
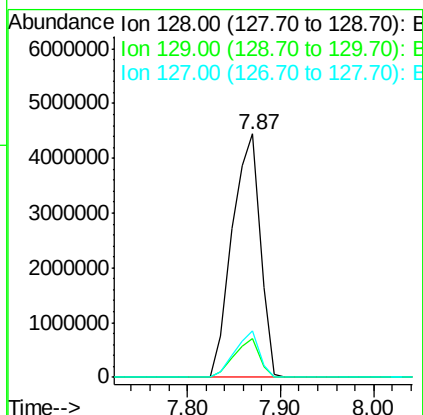
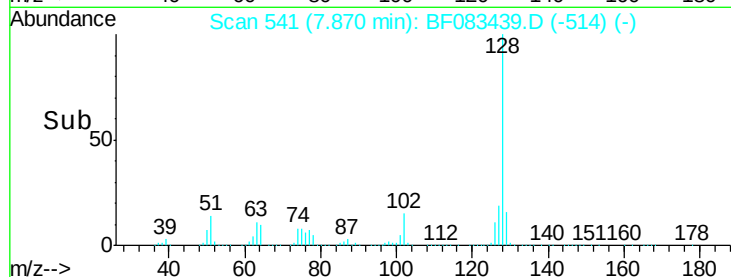
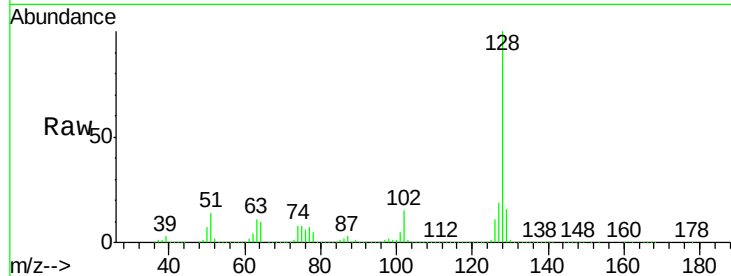




#31
Naphthalene
Concen: 323.63 ng
RT: 7.87 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

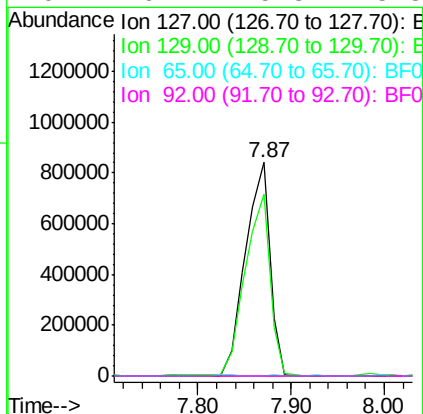
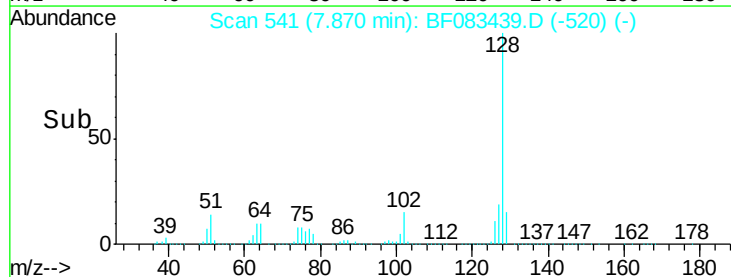
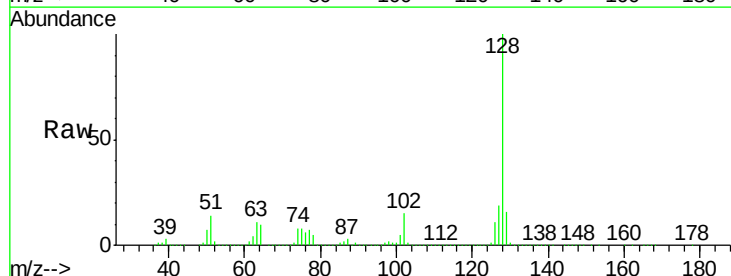
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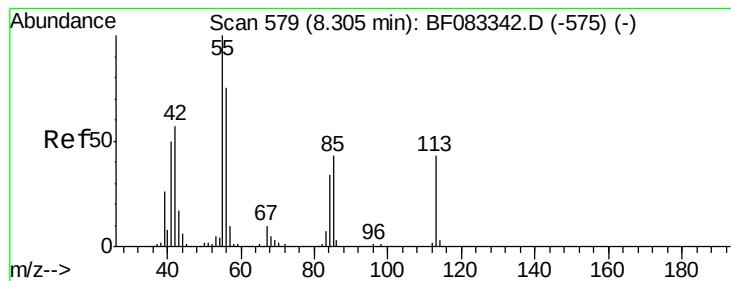
Tgt Ion:128 Resp: 9273480
Ion Ratio Lower Upper
128 100
129 16.1 9.7 14.5#
127 18.9 11.0 16.4#



#33
4-Chloroaniline
Concen: 125.08 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

Tgt Ion:127 Resp: 1545063
Ion Ratio Lower Upper
127 100
129 84.8 27.0 40.4#
65 0.0 25.9 38.9#
92 0.1 15.8 23.8#





#35

Caprolactam

Concen: 8.22 ng

RT: 8.28 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

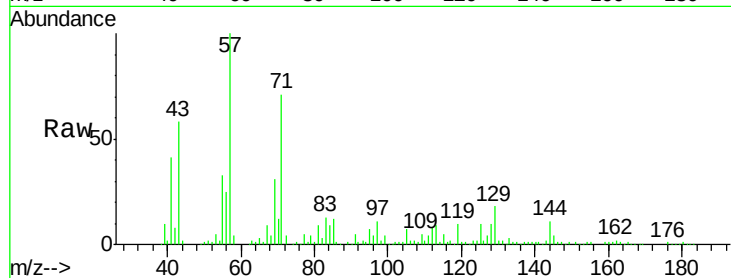
Tgt Ion:113 Resp: 21925

Ion Ratio Lower Upper

113 100

55 386.7 211.6 251.6#

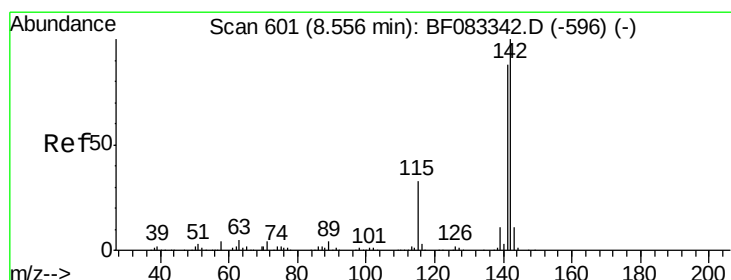
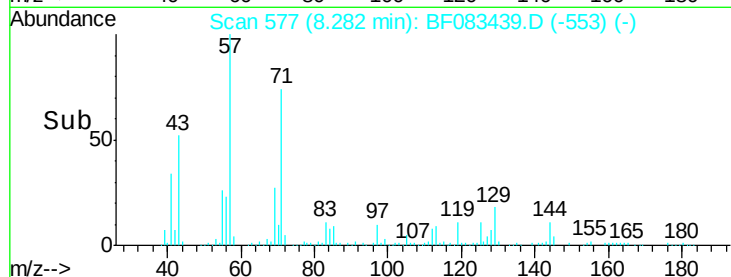
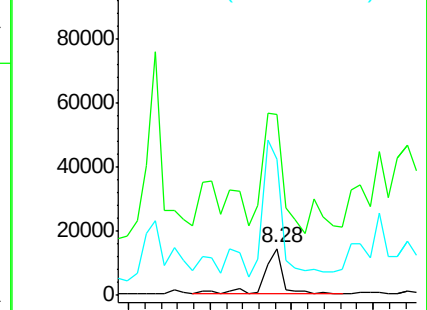
56 289.2 153.0 193.0#



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: 78.87 ng

RT: 8.65 min Scan# 609

Delta R.T. 0.09 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

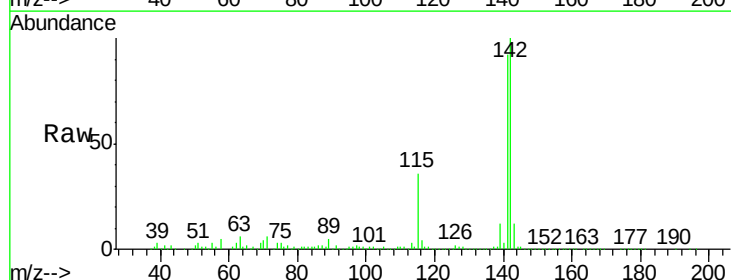
Tgt Ion:142 Resp: 1510330

Ion Ratio Lower Upper

142 100

141 91.8 70.6 105.8

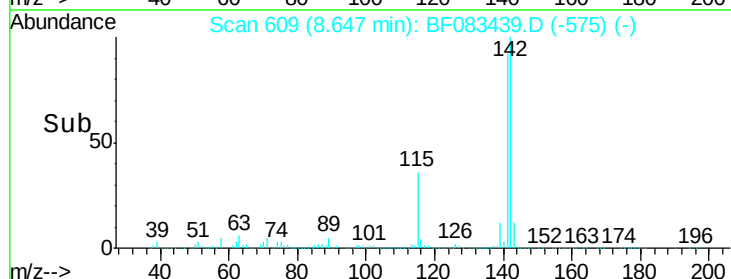
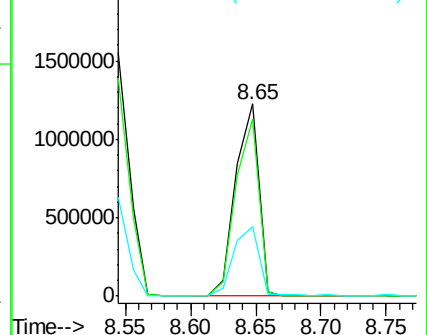
115 36.4 26.2 39.2

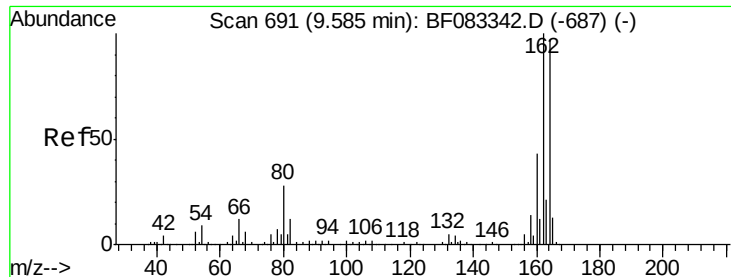


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

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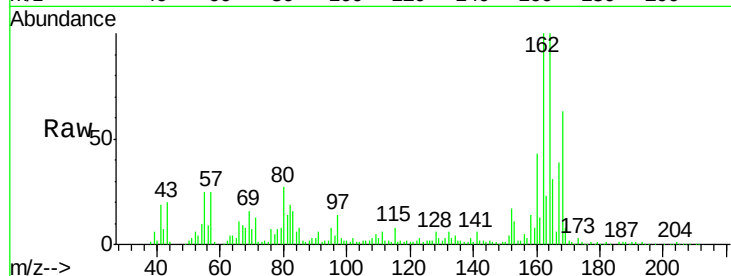
Tgt Ion:164 Resp: 272932

Ion Ratio Lower Upper

164 100

162 99.5 82.6 123.8

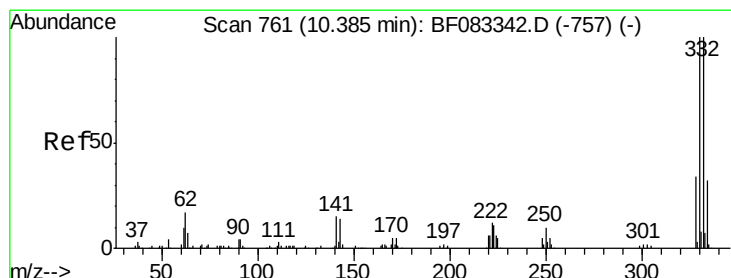
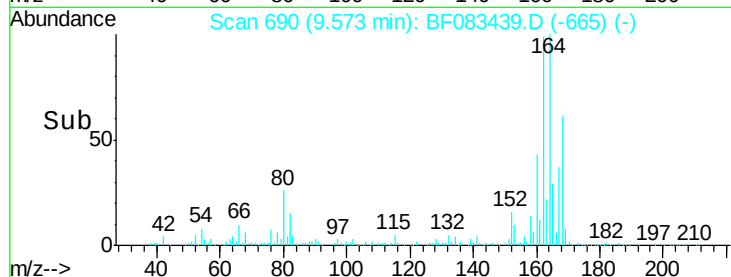
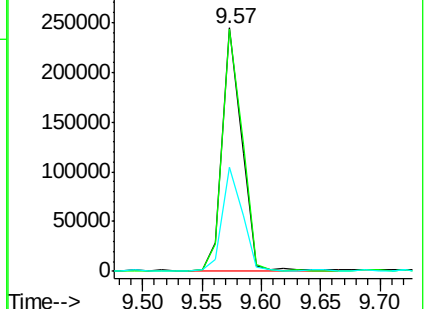
160 42.8 35.3 52.9



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: 132.15 ng

RT: 10.37 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

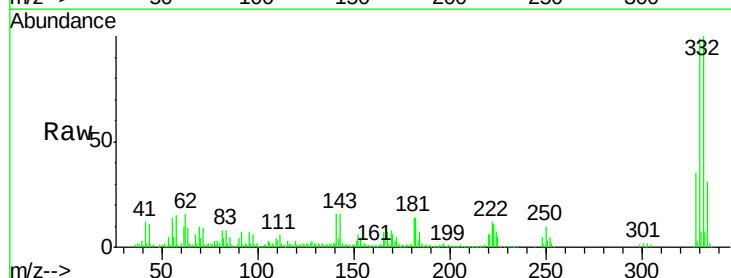
Tgt Ion:330 Resp: 362075

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

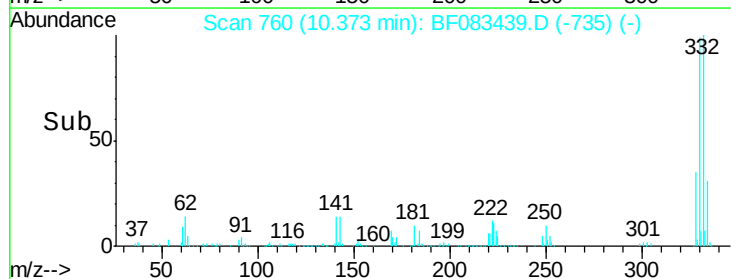
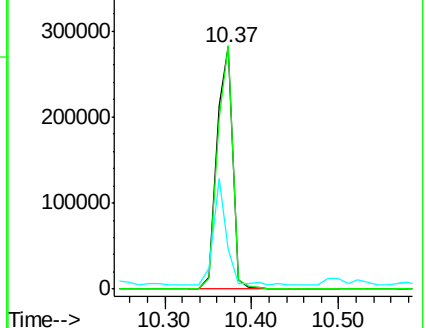
141 37.3 29.4 44.0

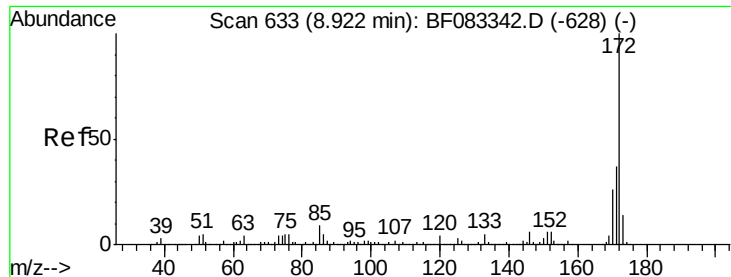


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

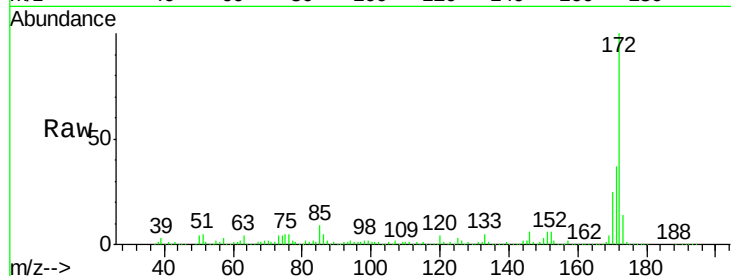




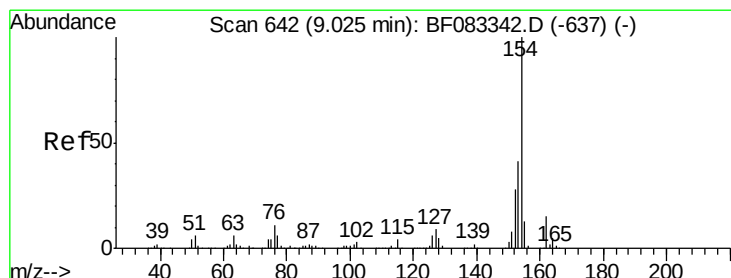
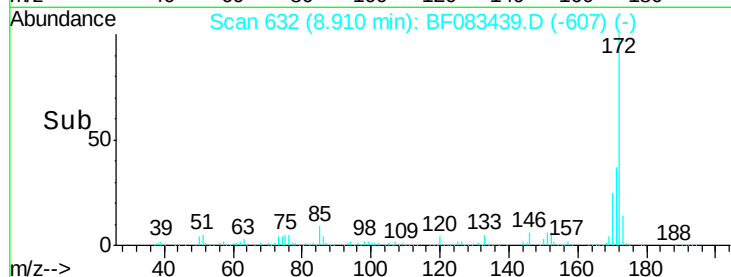
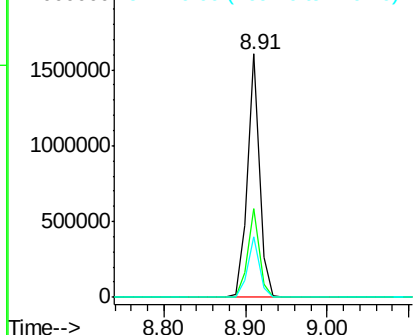
#44
2-Fluorobiphenyl
Concen: 85.40 ng
RT: 8.91 min Scan# 632
Delta R.T. -0.01 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(8-14)

Tgt Ion:172 Resp: 1635702
Ion Ratio Lower Upper
172 100
171 36.6 29.4 44.0
170 25.1 20.4 30.6

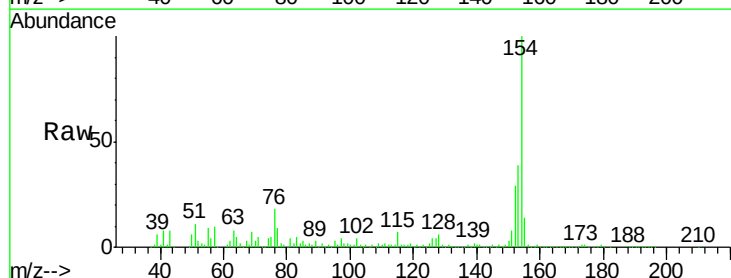


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

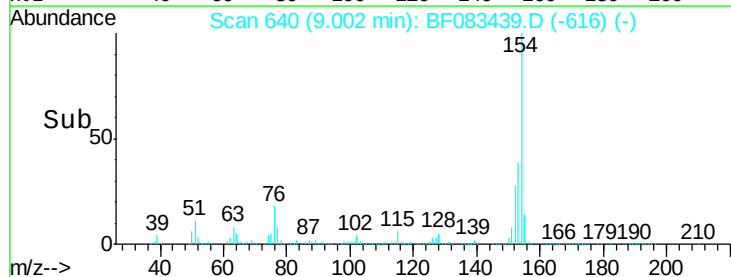
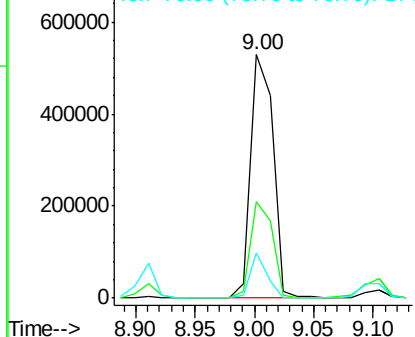


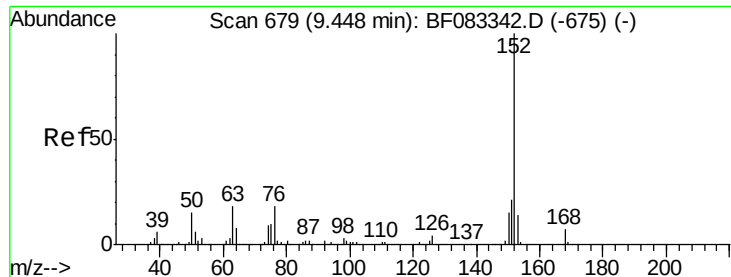
#45
1,1'-Biphenyl
Concen: 29.34 ng
RT: 9.00 min Scan# 640
Delta R.T. -0.02 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

Tgt Ion:154 Resp: 702316
Ion Ratio Lower Upper
154 100
153 39.5 20.6 60.6
76 18.5 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: 10.26 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

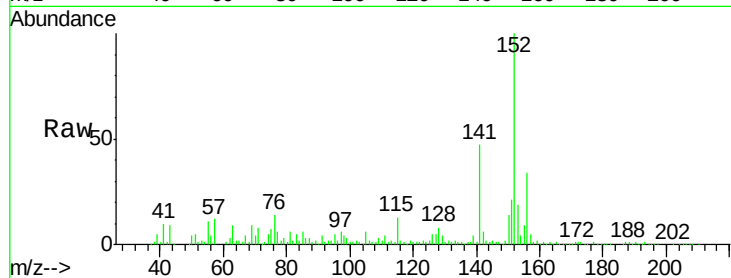
Tgt Ion:152 Resp: 298597

Ion Ratio Lower Upper

152 100

151 21.2 16.7 25.1

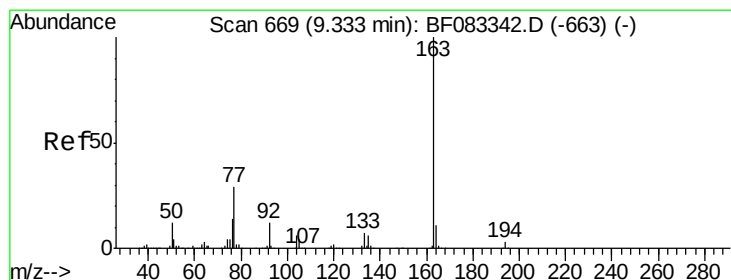
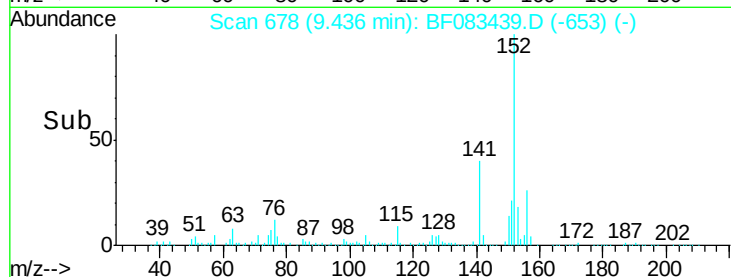
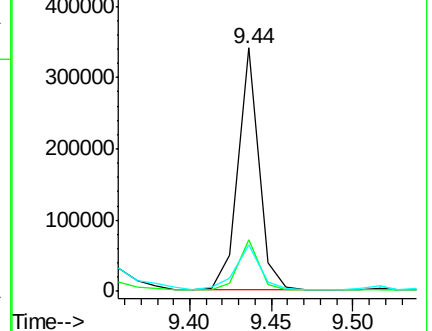
153 18.9 11.2 16.8#



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: 15.21 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

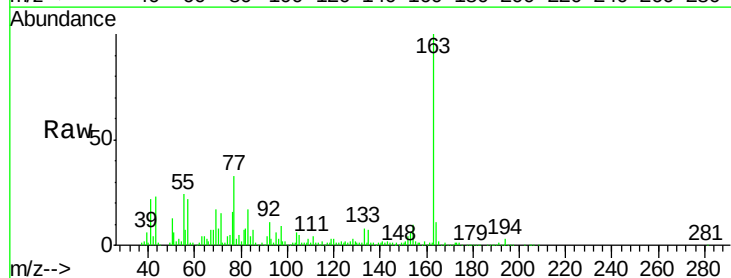
Tgt Ion:163 Resp: 337292

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

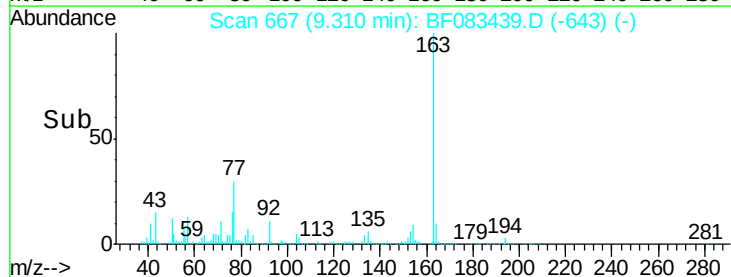
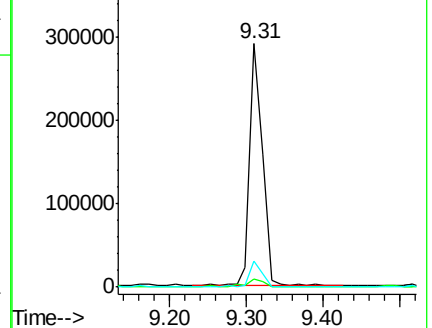
164 10.6 8.8 13.2

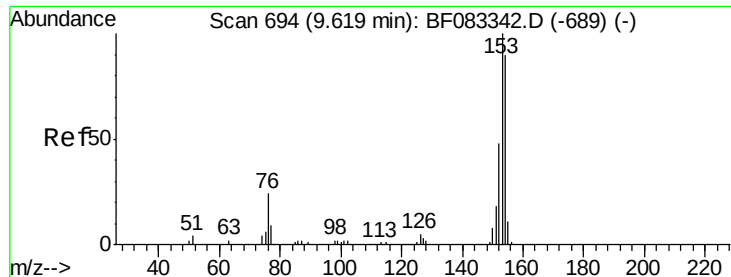


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 128.43 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

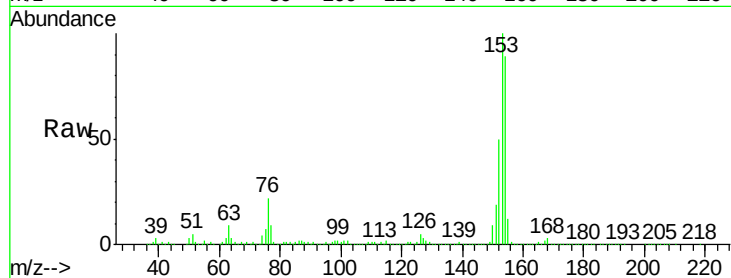
Tgt Ion:154 Resp: 2197702

Ion Ratio Lower Upper

154 100

153 112.0 89.3 133.9

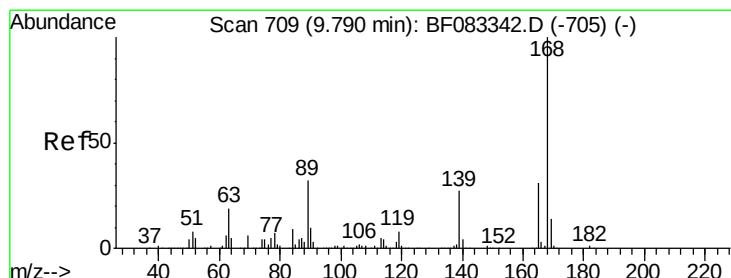
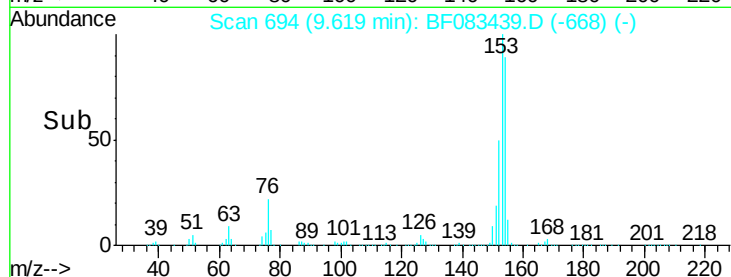
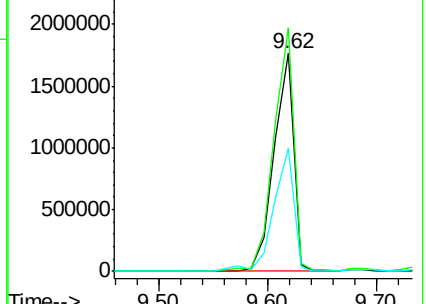
152 56.4 42.5 63.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 2.21 ng

RT: 9.62 min Scan# 694

Delta R.T. -0.17 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

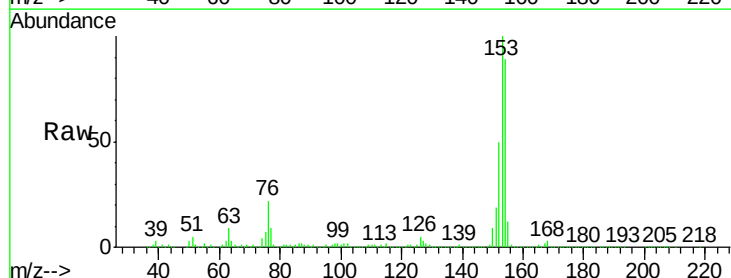
Tgt Ion:168 Resp: 55523

Ion Ratio Lower Upper

168 100

139 34.8 32.7 49.1

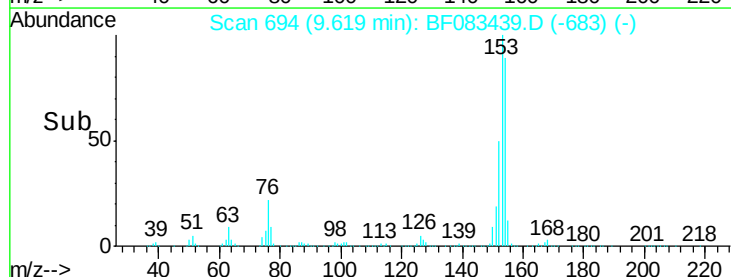
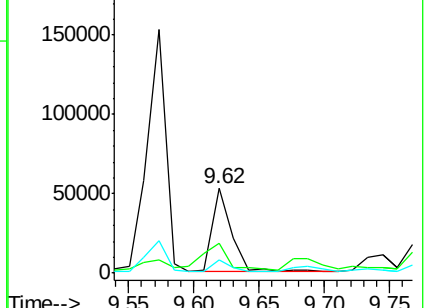
169 15.0 11.1 16.7

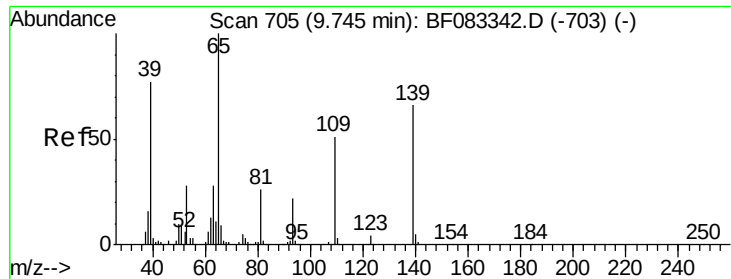


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 20.60 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.03 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

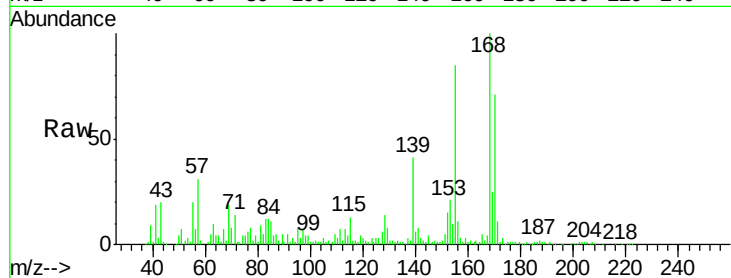
Tgt Ion:139 Resp: 71544

Ion Ratio Lower Upper

139 100

109 12.7 57.4 97.4#

65 8.9 131.6 171.6#

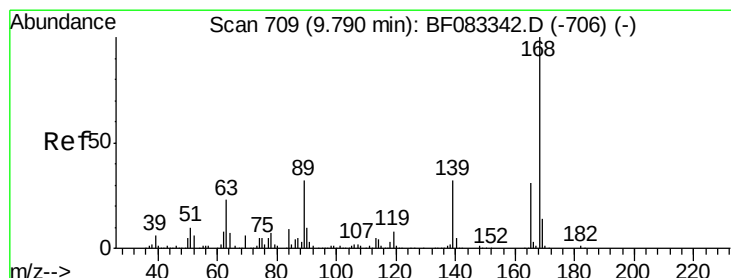
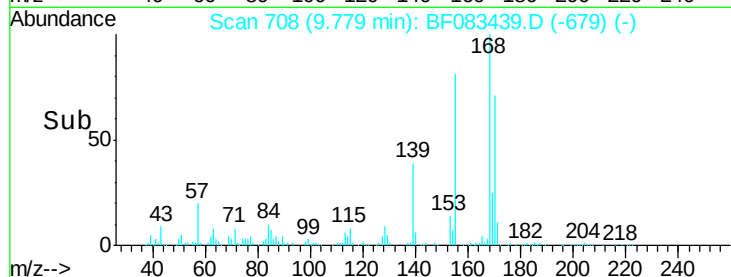
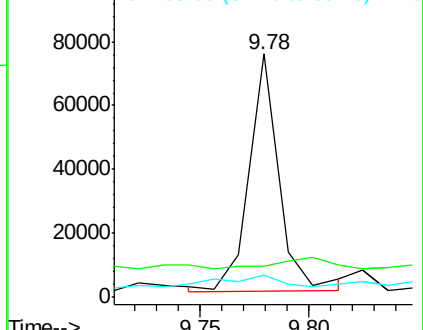


Abundance

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



#56

2,4-Dinitrotoluene

Concen: 3.59 ng

RT: 9.79 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Tgt Ion:165 Resp: 21592

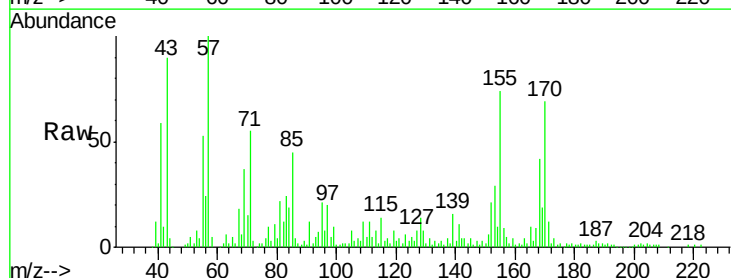
Ion Ratio Lower Upper

165 100

63 54.2 65.4 98.0#

89 29.1 81.2 121.8#

182 21.4 1.8 2.8#



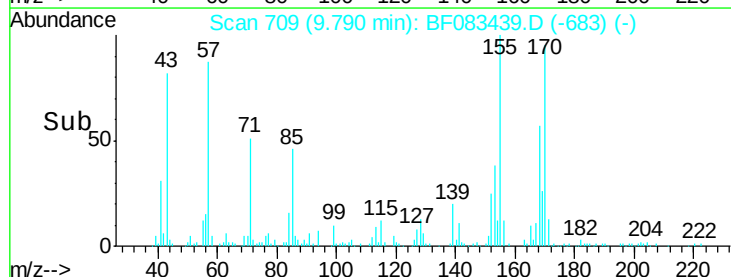
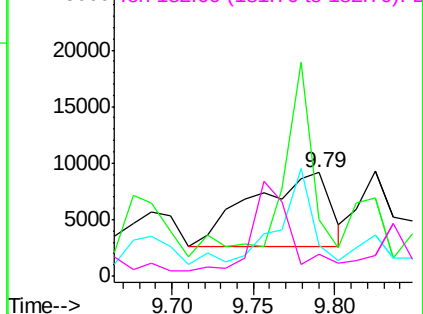
Abundance

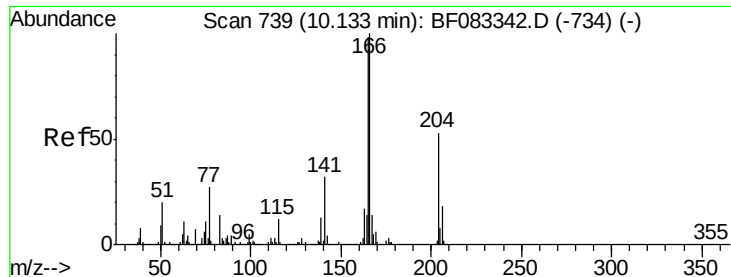
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

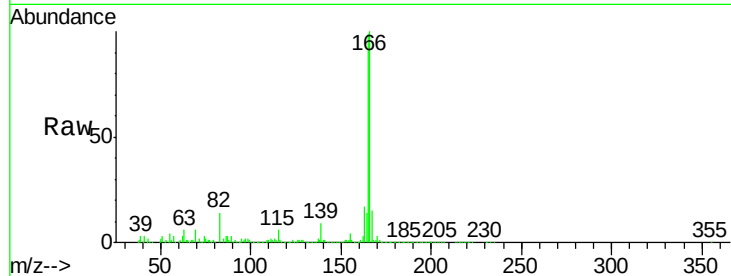




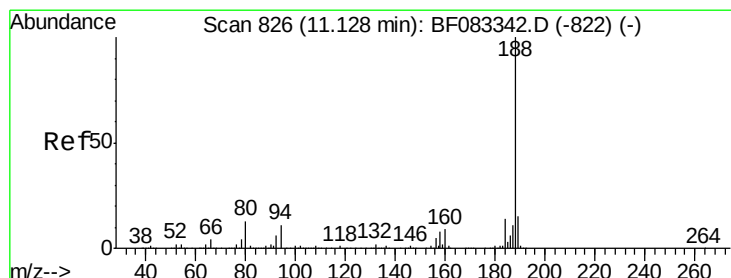
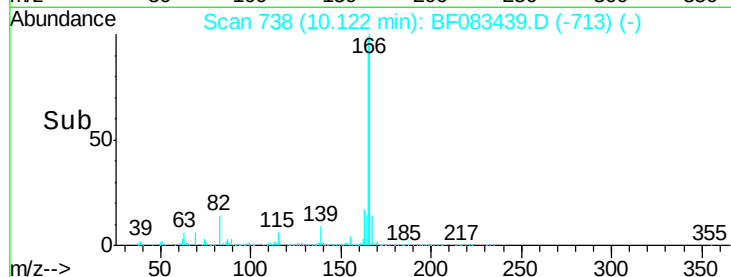
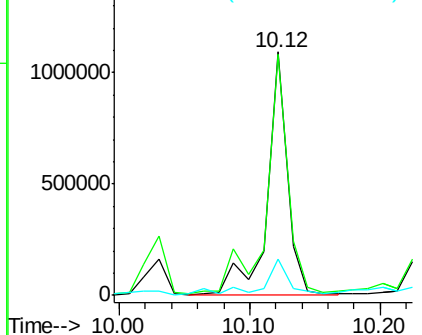
#57
 Fluorene
 Concen: 60.58 ng
 RT: 10.12 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BF083439.D
 Acq: 3 Dec 2015 2:49

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-08(8-14)

Tgt Ion:166 Resp: 1199684
 Ion Ratio Lower Upper
 166 100
 165 99.1 78.3 117.5
 167 14.9 11.1 16.7

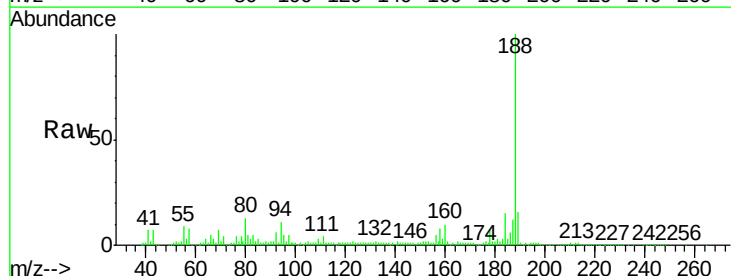


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

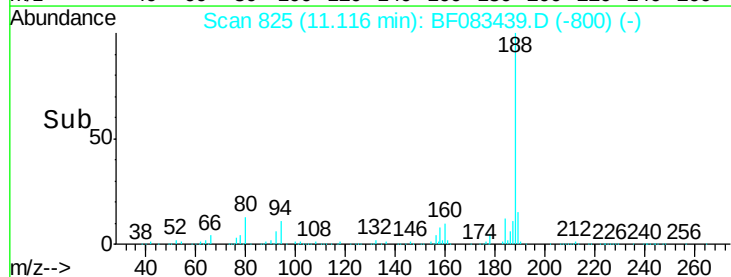
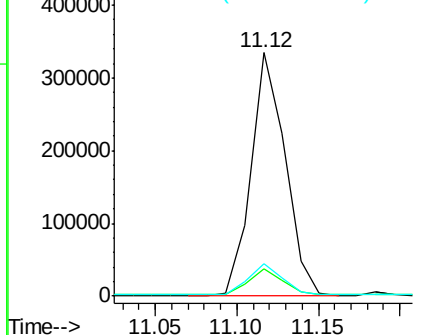


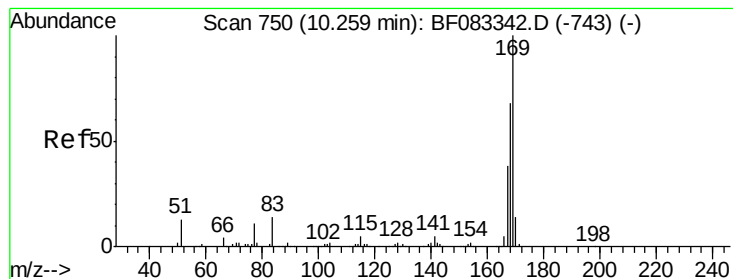
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF083439.D
 Acq: 3 Dec 2015 2:49

Tgt Ion:188 Resp: 487935
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.7 13.1
 80 13.3 10.3 15.5



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





#65

n-Nitrosodiphenylamine

Concen: 2.86 ng

RT: 10.24 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

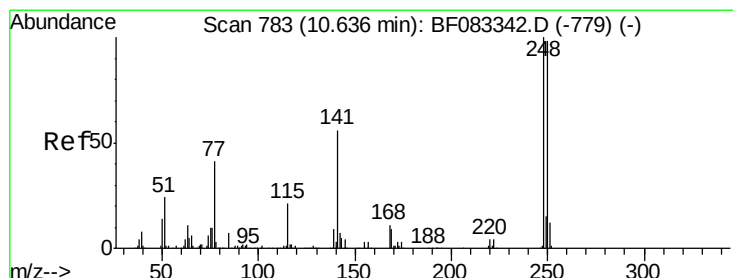
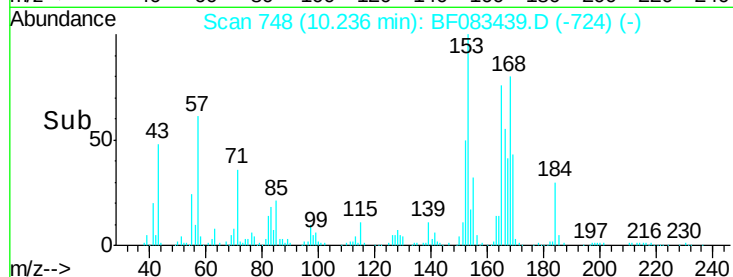
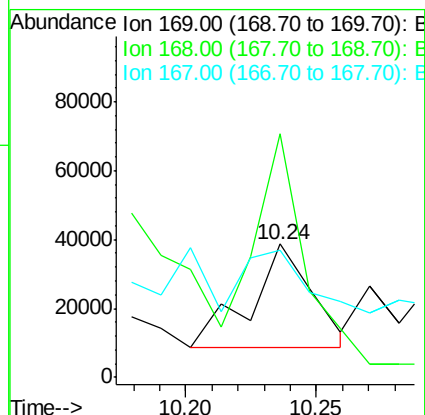
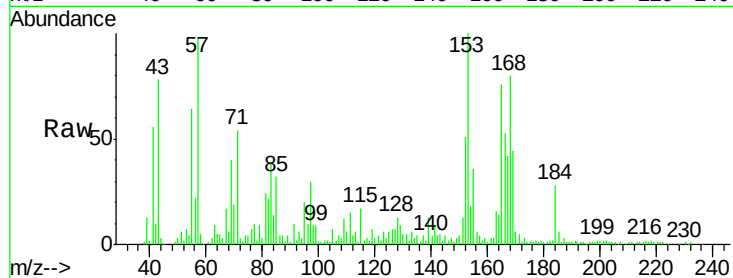
Tgt Ion:169 Resp: 49013

Ion Ratio Lower Upper

169 100

168 183.0 54.8 82.2#

167 95.4 30.2 45.2#



#66

4-Bromophenyl-phenylether

Concen: 4.38 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

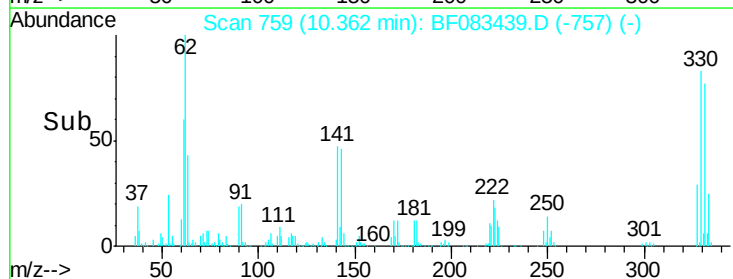
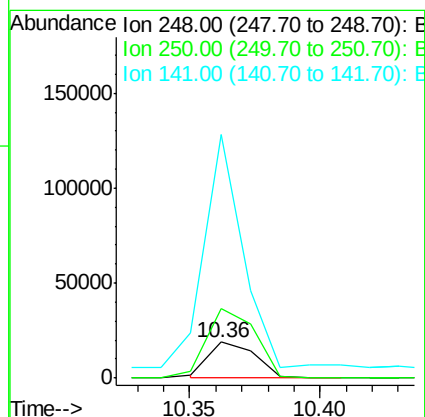
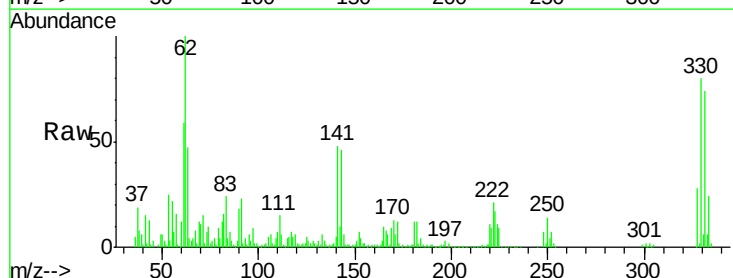
Tgt Ion:248 Resp: 23359

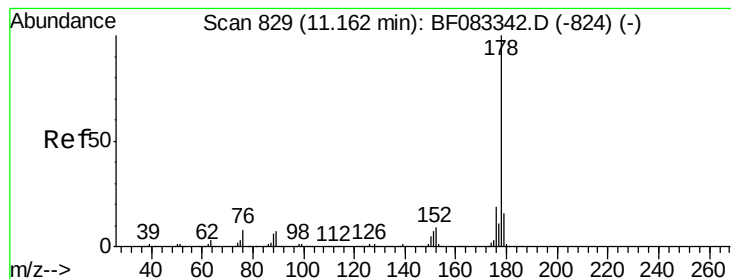
Ion Ratio Lower Upper

248 100

250 190.9 78.6 118.0#

141 672.8 44.4 66.6#





#70

Phenanthrene

Concen: 167.16 ng

RT: 11.16 min Scan# 829

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

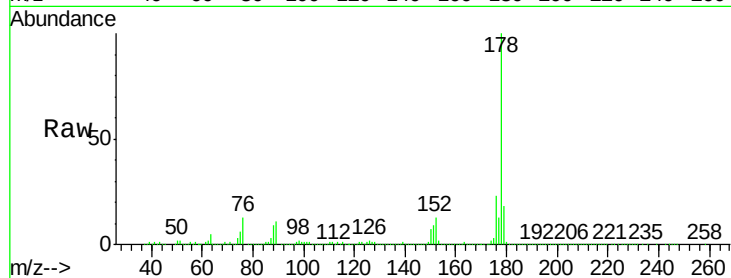
Tgt Ion:178 Resp: 4826786

Ion Ratio Lower Upper

178 100

176 22.7 15.3 22.9

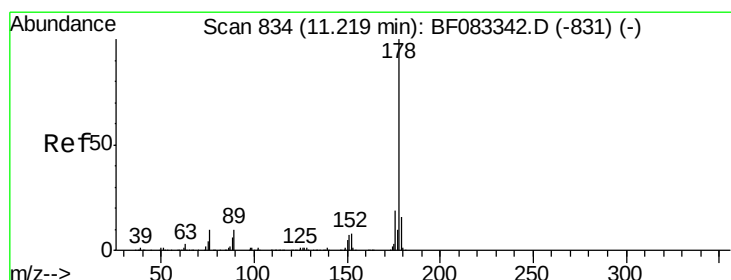
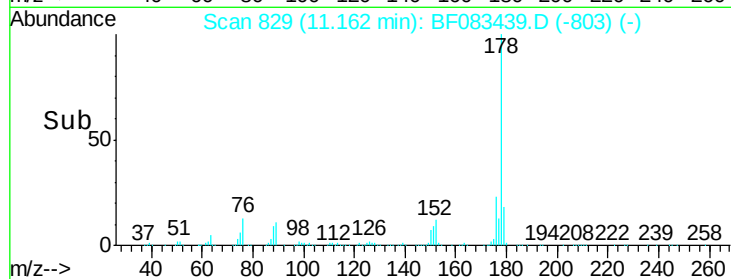
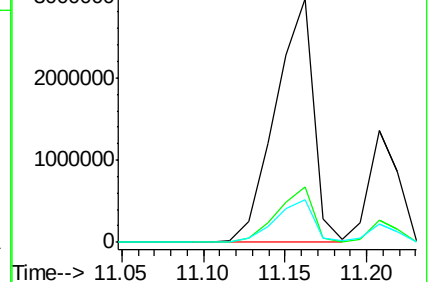
179 17.8 12.4 18.6



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: 57.31 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

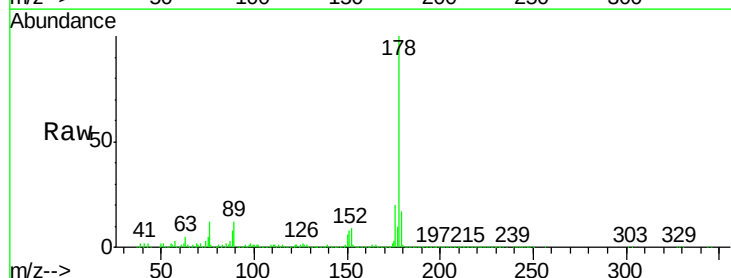
Tgt Ion:178 Resp: 1665871

Ion Ratio Lower Upper

178 100

176 19.5 15.6 23.4

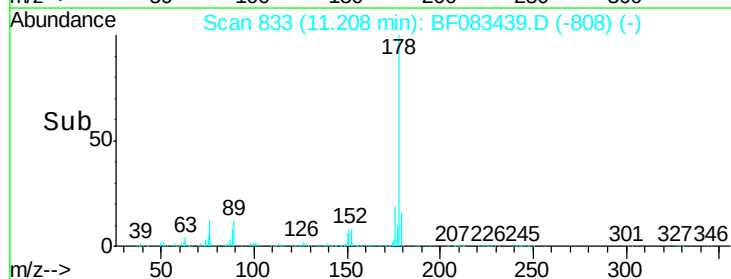
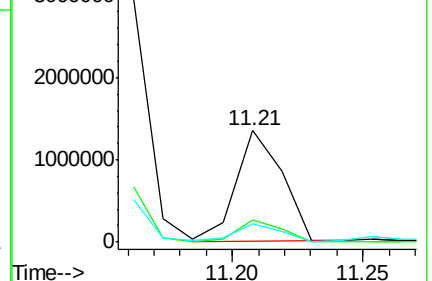
179 16.9 12.8 19.2

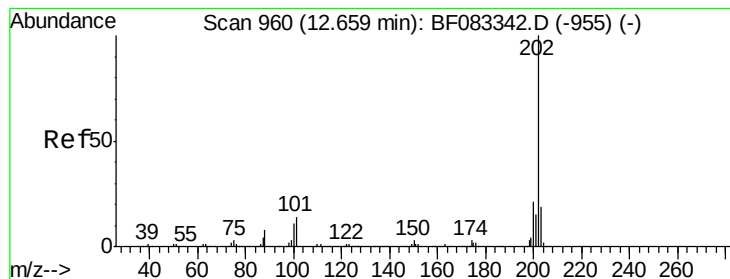


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 83.54 ng

RT: 12.66 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

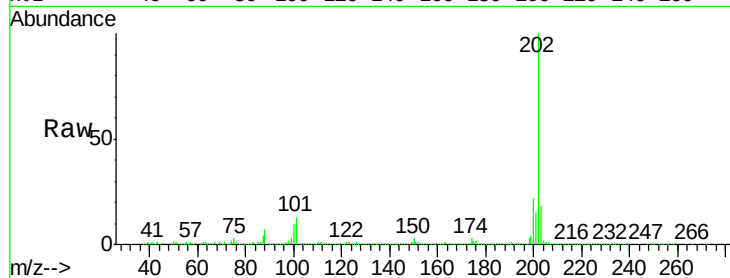
Tgt Ion:202 Resp: 2500605

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.5

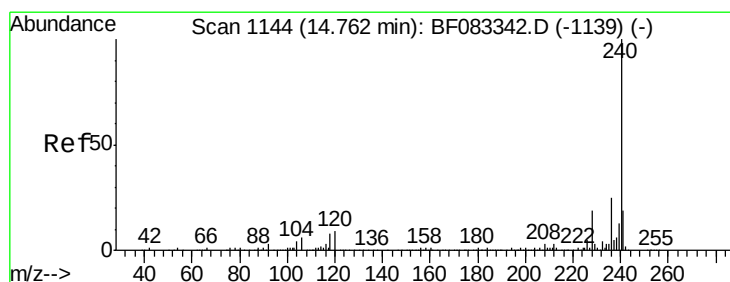
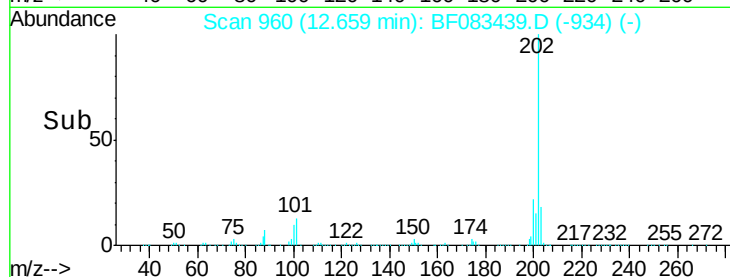
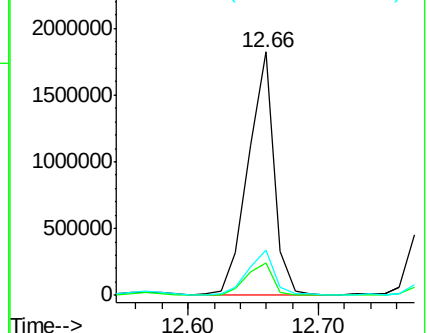
203 18.4 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.74 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

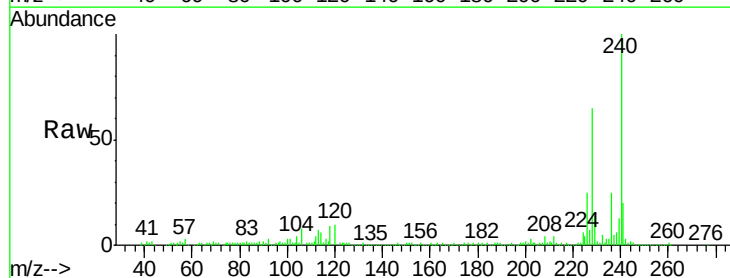
Tgt Ion:240 Resp: 333436

Ion Ratio Lower Upper

240 100

120 10.2 6.9 10.3

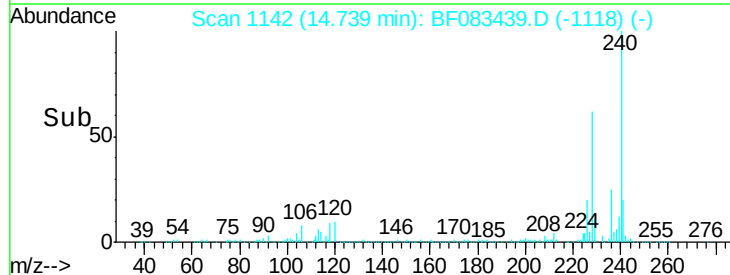
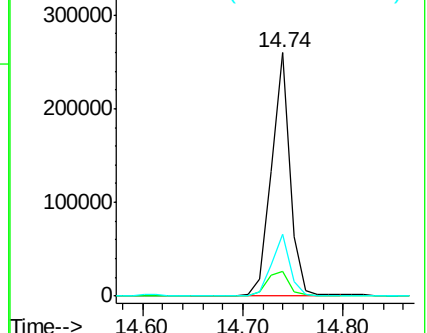
236 25.3 19.8 29.6

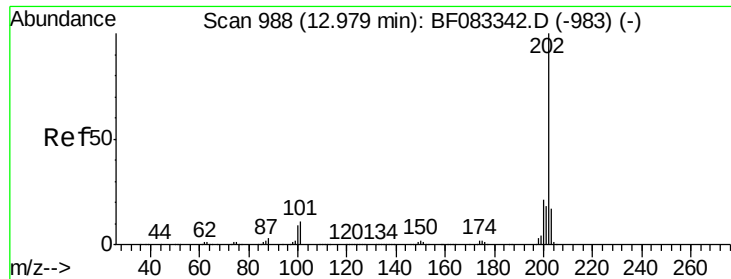


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 153.43 ng

RT: 12.98 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

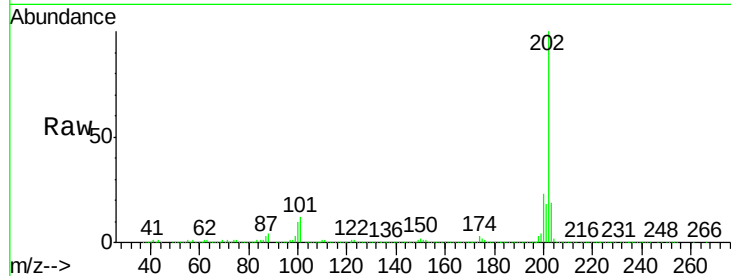
Tgt Ion:202 Resp: 3572795

Ion Ratio Lower Upper

202 100

200 22.7 16.9 25.3

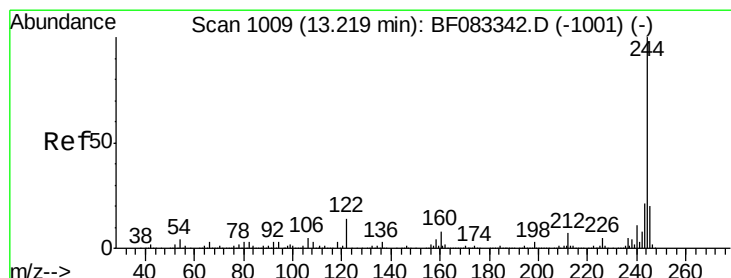
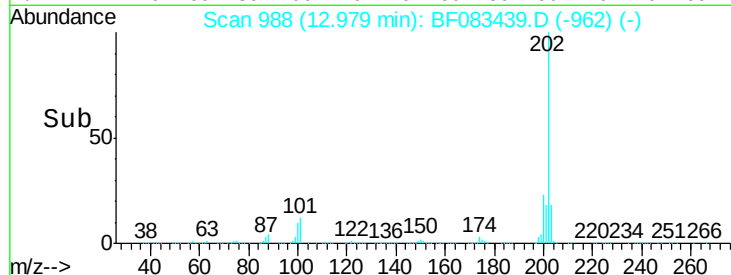
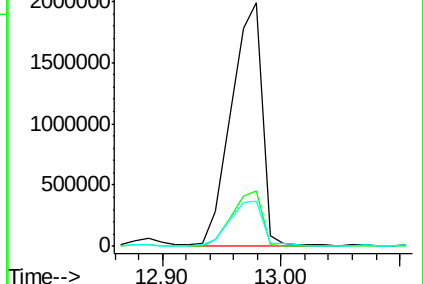
203 18.6 13.9 20.9



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: 104.47 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

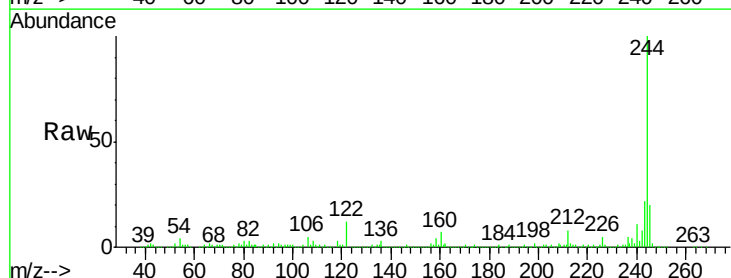
Tgt Ion:244 Resp: 1460634

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

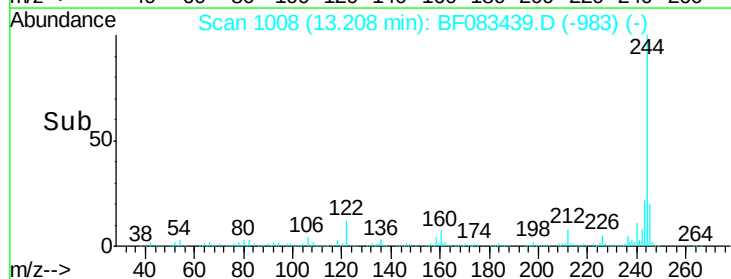
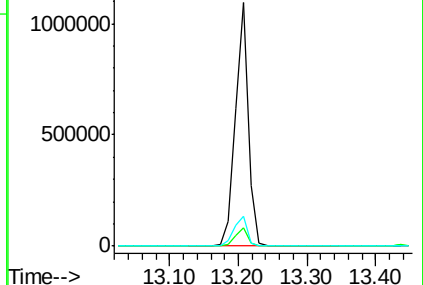
122 12.2 11.0 16.4

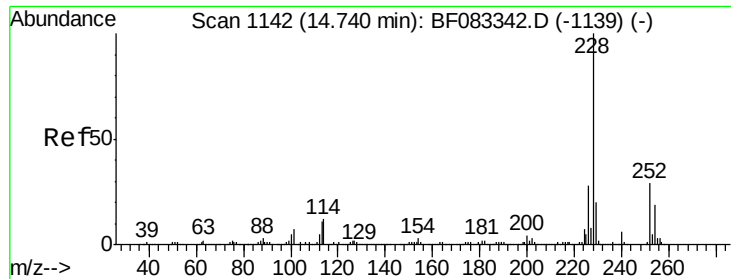


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 45.61 ng

RT: 14.77 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

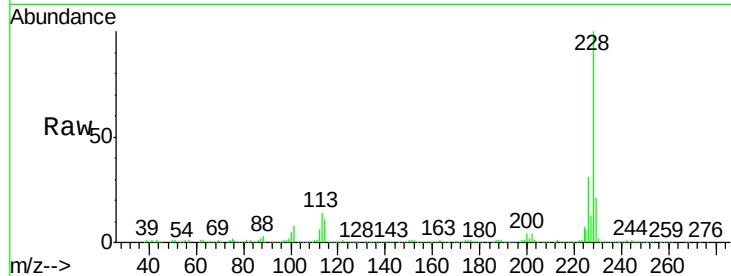
Tgt Ion:228 Resp: 931775

Ion Ratio Lower Upper

228 100

226 30.8 22.2 33.4

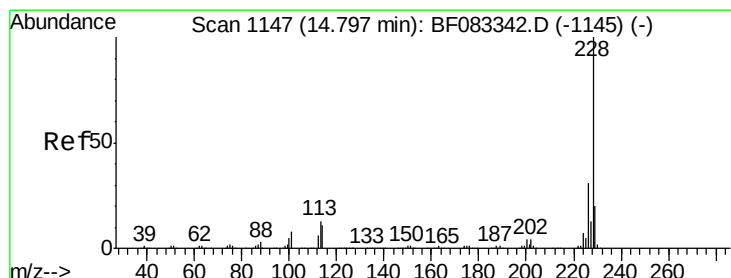
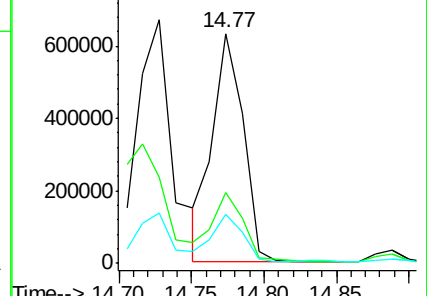
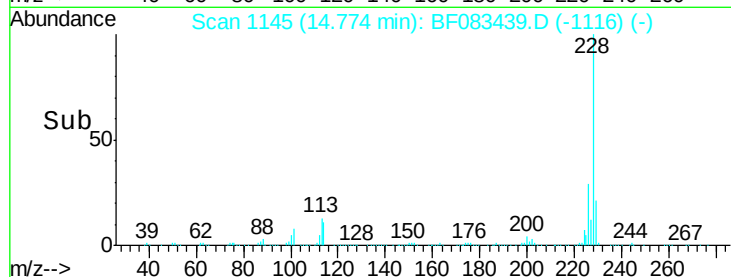
229 21.4 16.1 24.1



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: 47.31 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

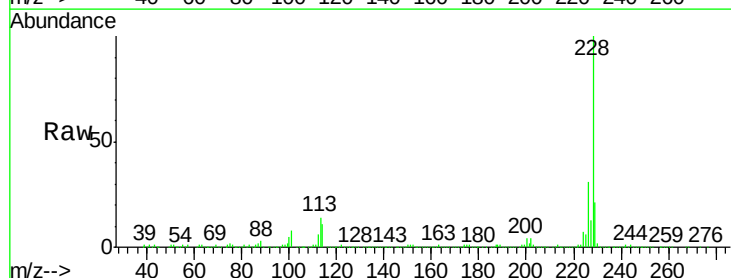
Tgt Ion:228 Resp: 933667

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

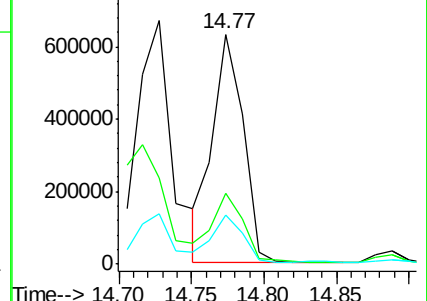
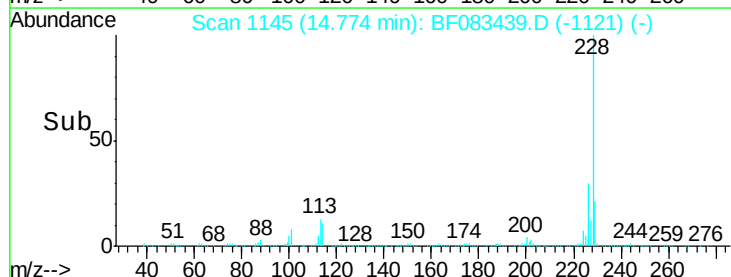
229 21.4 16.2 24.2

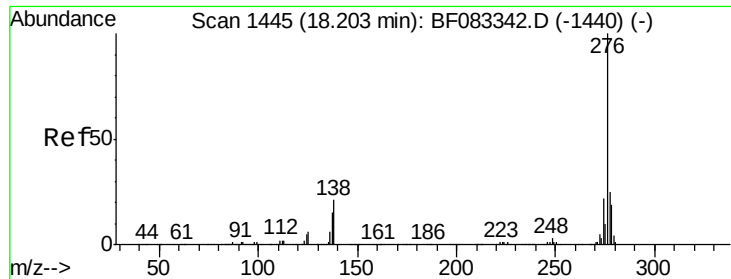


Abundance Ion 228.00 (227.70 to 228.70): E

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: 34.28 ng

RT: 18.18 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)

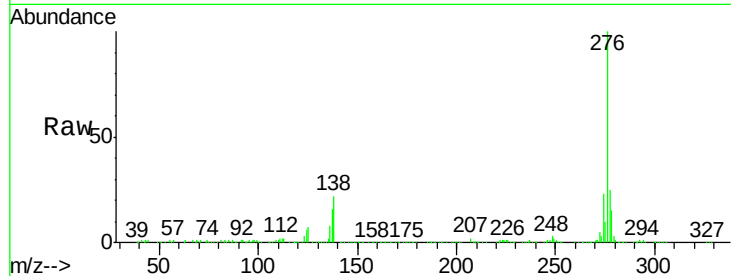
Tgt Ion:276 Resp: 492825

Ion Ratio Lower Upper

276 100

138 22.7 21.2 31.8

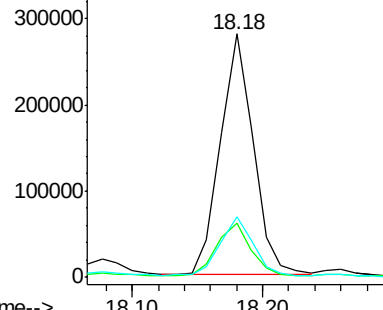
277 24.6 20.0 30.0



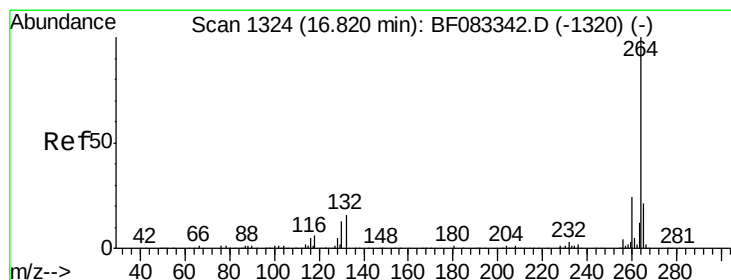
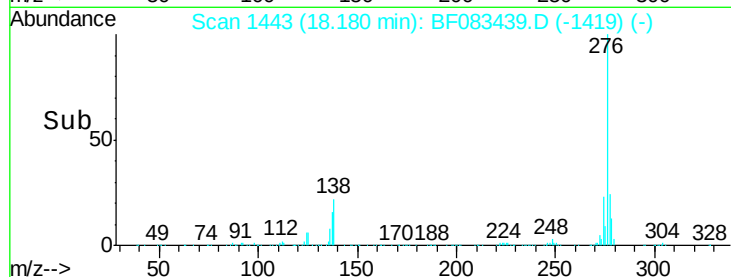
Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF083439.D

Acq: 3 Dec 2015 2:49

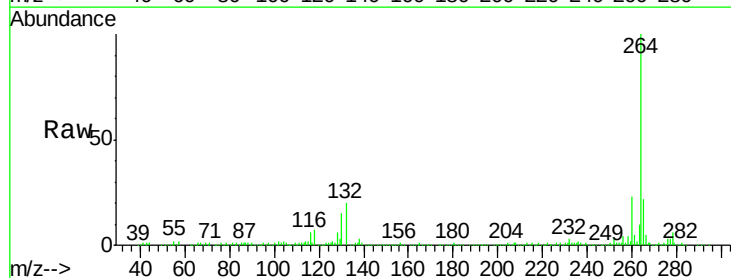
Tgt Ion:264 Resp: 337682

Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.4

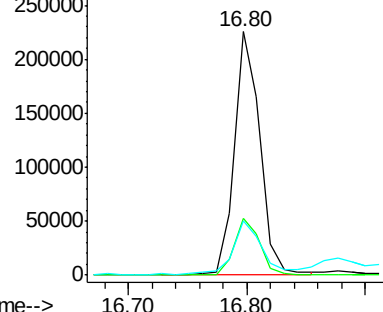
265 22.5 16.8 25.2



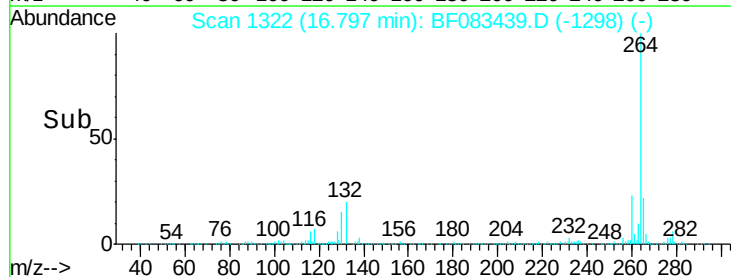
Abundance Ion 264.00 (263.70 to 264.70): E

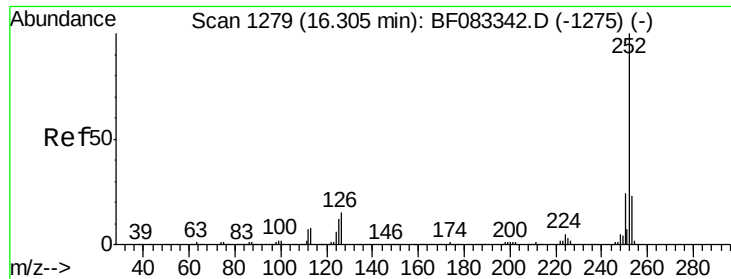
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



Time-->

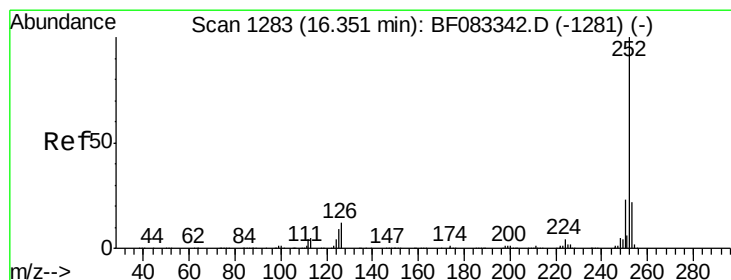
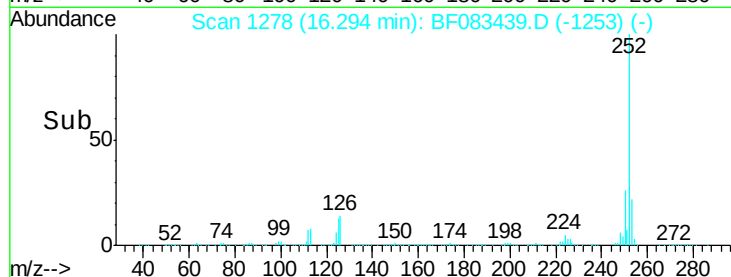
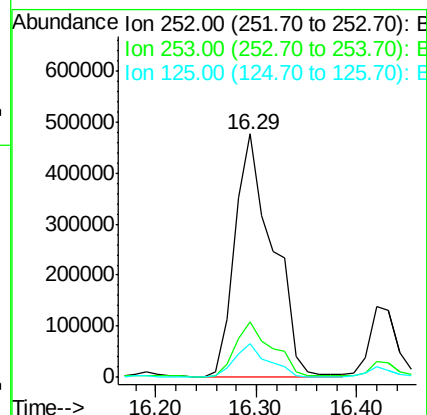
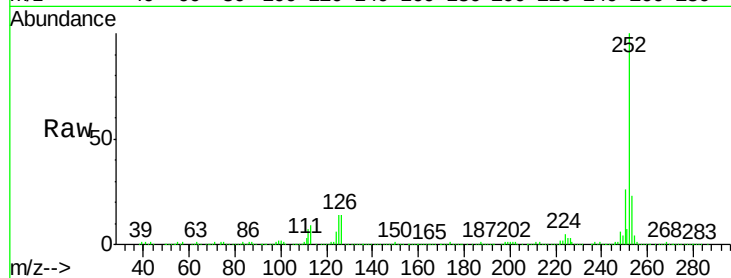




#87
Benzo(b)fluoranthene
Concen: 56.68 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

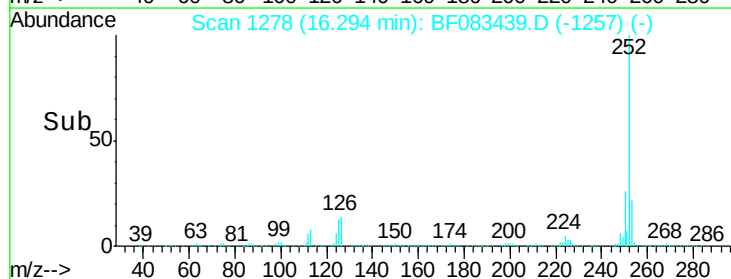
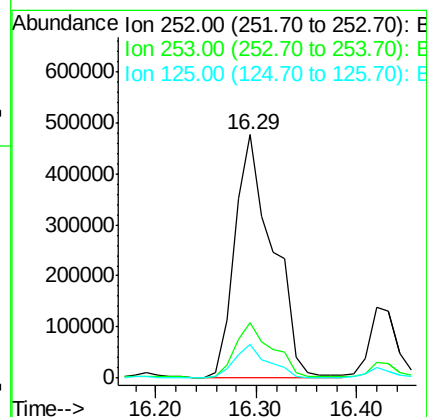
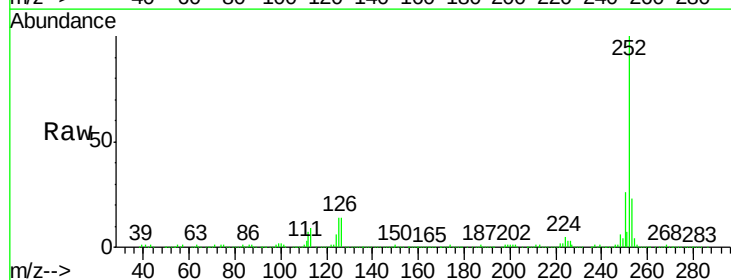
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(8-14)

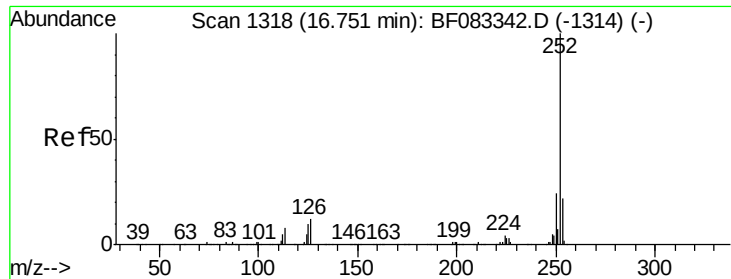
Tgt Ion:252 Resp: 1227997
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 13.7 9.6 14.4



#88
Benzo(k)fluoranthene
Concen: 60.02 ng
RT: 16.29 min Scan# 1278
Delta R.T. -0.06 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

Tgt Ion:252 Resp: 1227997
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 13.7 7.5 11.3#

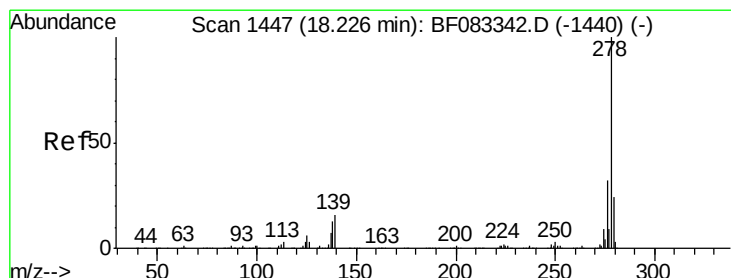
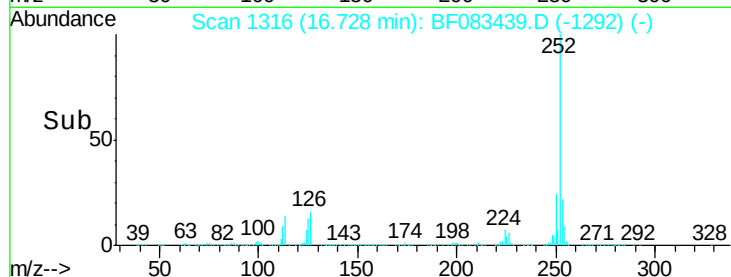
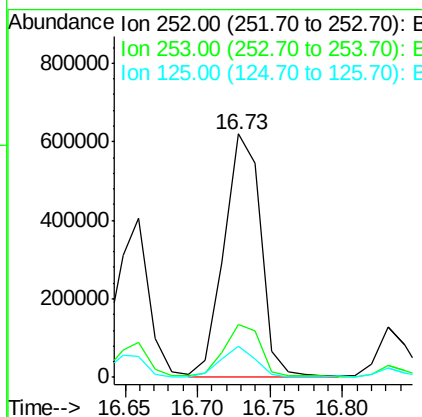
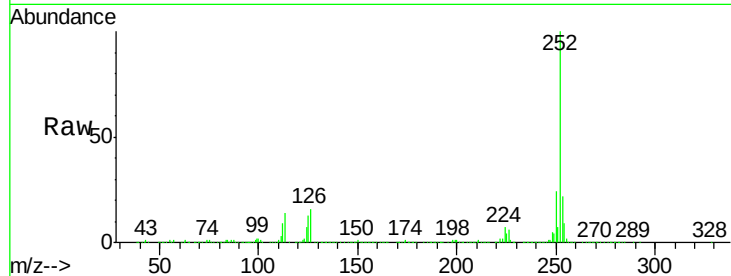




#89
Benzo(a)pyrene
Concen: 58.10 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

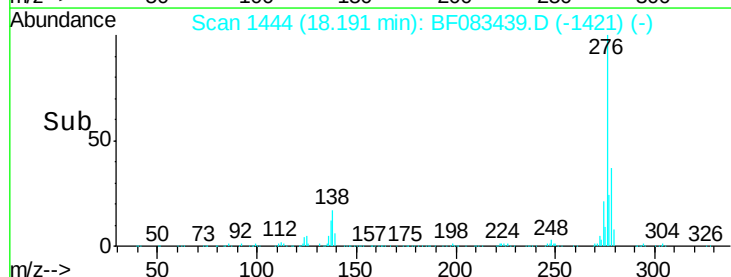
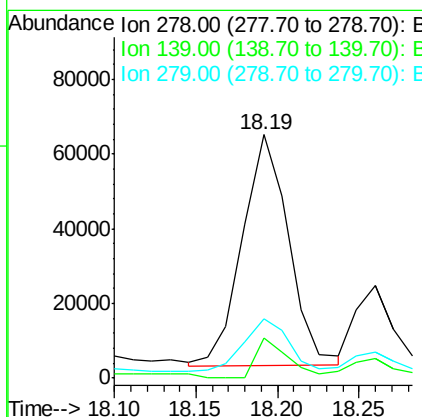
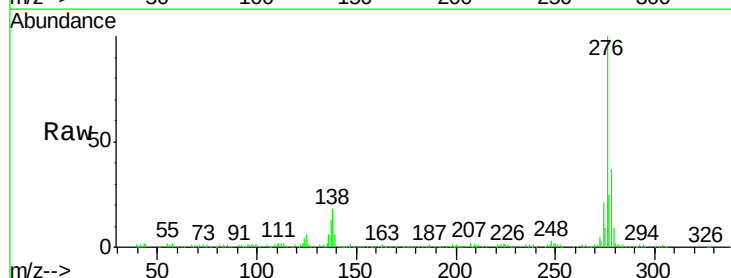
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-08(8-14)

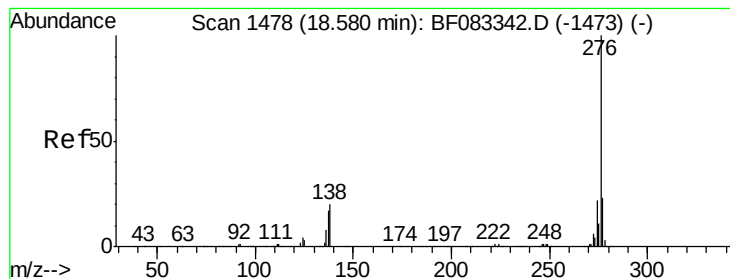
Tgt Ion:252 Resp: 1081198
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 12.6 7.8 11.8#



#90
Dibenzo(a,h)anthracene
Concen: 7.61 ng
RT: 18.19 min Scan# 1444
Delta R.T. -0.03 min
Lab File: BF083439.D
Acq: 3 Dec 2015 2:49

Tgt Ion:278 Resp: 123364
Ion Ratio Lower Upper
278 100
139 16.3 13.1 19.7
279 24.3 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 35.91 ng

RT: 18.56 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF083439.D

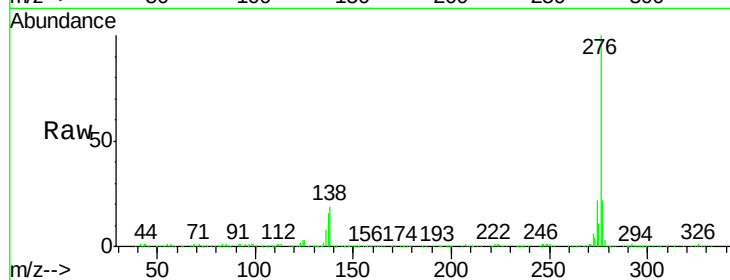
Acq: 3 Dec 2015 2:49

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-08(8-14)



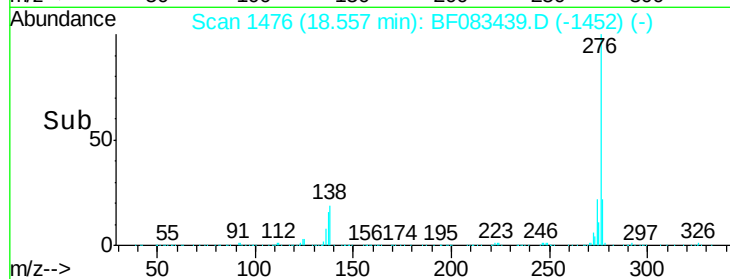
Tgt Ion: 276 Resp: 571562

Ion Ratio Lower Upper

276 100

277 22.5 18.6 28.0

138 19.3 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

