

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120215\
 Data File : BF083435.D
 Acq On : 2 Dec 2015 23:51
 Operator : UM/IZ
 Sample : G4582-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-P3WC-06(6-13)

Quant Time: Dec 03 02:55:11 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	6.53	152	169871	20.00	ng	-0.01
21) Naphthalene-d8	7.84	136	626972	20.00	ng	0.00
38) Acenaphthene-d10	9.57	164	323700	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	597185	20.00	ng	-0.01
75) Chrysene-d12	14.73	240	417564	20.00	ng	-0.03
86) Perylene-d12	16.80	264	396013	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	1577929	139.39	ng	0.00
7) Phenol-d6	6.21	99	2054798	132.61	ng	-0.01
23) Nitrobenzene-d5	7.12	82	1433280	100.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.36	330	414828	127.66	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	1741937	76.69	ng	-0.01
78) Terphenyl-d14	13.21	244	1648492	94.15	ng	-0.01

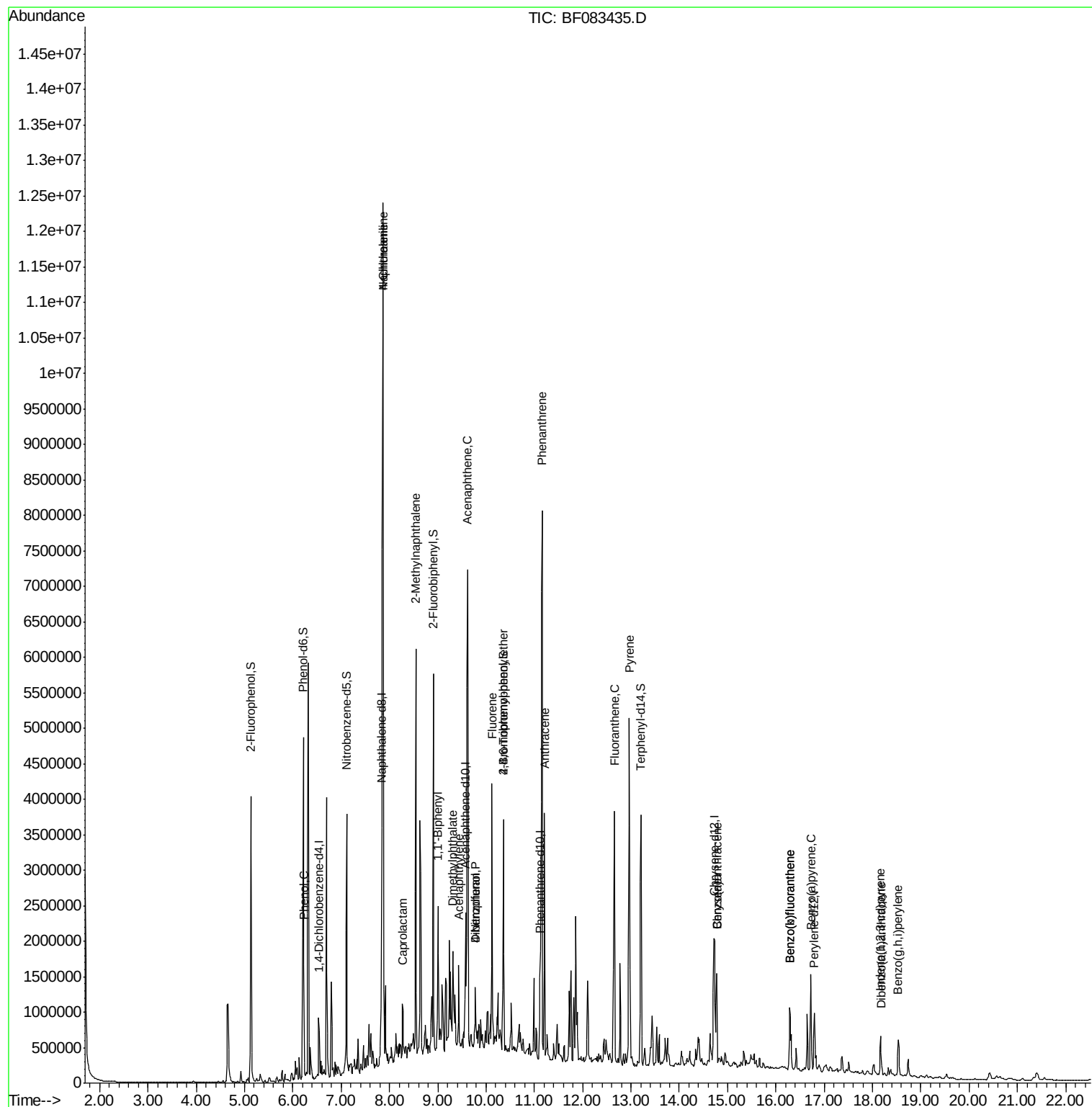
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.09	77	4826	Below Cal	#	1
10) Phenol	6.22	94	50242	2.69 ng	#	42
31) Naphthalene	7.87	128	8816509	259.17 ng	#	89
33) 4-Chloroaniline	7.87	127	1503948	102.56 ng	#	34
35) Caprolactam	8.28	113	20065	6.34 ng	#	1
37) 2-Methylnaphthalene	8.54	142	1715764	75.47 ng	#	96
45) 1,1'-Biphenyl	9.00	154	716060	25.23 ng		95
48) Acenaphthylene	9.44	152	344505	9.98 ng		98
49) Dimethylphthalate	9.31	163	444478	16.90 ng		99
51) Acenaphthene	9.62	154	2151308	106.00 ng		98
54) Dibenzofuran	9.78	168	230261	7.74 ng	#	93
55) 4-Nitrophenol	9.78	139	89470	21.72 ng	#	1
57) Fluorene	10.12	166	1188024	50.59 ng		99
66) 4-Bromophenyl-phenylether	10.36	248	23880	3.66 ng	#	1
70) Phenanthrene	11.16	178	5089191	144.00 ng		93
71) Anthracene	11.21	178	1450426	40.77 ng		100
74) Fluoranthene	12.66	202	2508007	68.46 ng		95
77) Pyrene	12.97	202	3174625	108.86 ng		96
80) Benzo(a)anthracene	14.77	228	731068	28.58 ng		96
82) Chrysene	14.77	228	733085	29.66 ng		100
85) Indeno(1,2,3-cd)pyrene	18.17	276	350392	19.46 ng		96
87) Benzo(b)fluoranthene	16.28	252	885368	34.84 ng		98
88) Benzo(k)fluoranthene	16.28	252	885368	36.90 ng	#	97
89) Benzo(a)pyrene	16.73	252	811257	37.17 ng		98
90) Dibenzo(a,h)anthracene	18.18	278	83704	4.40 ng		98
91) Benzo(g,h,i)perylene	18.53	276	385240	20.64 ng		96

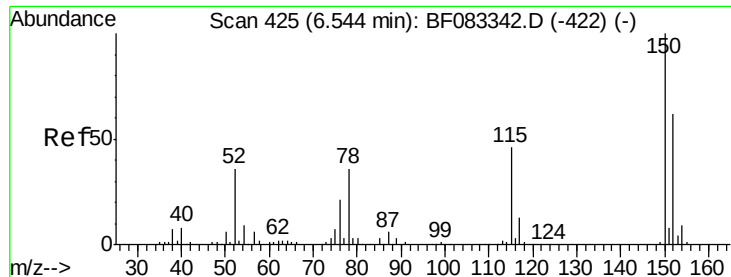
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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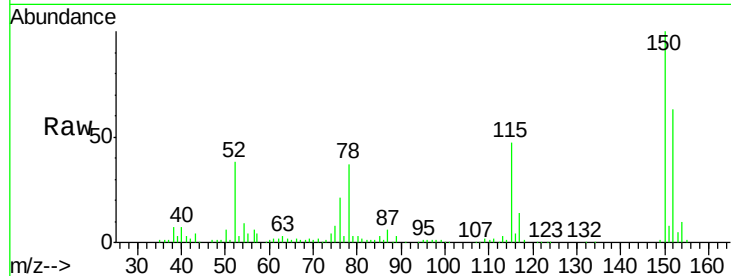


#1

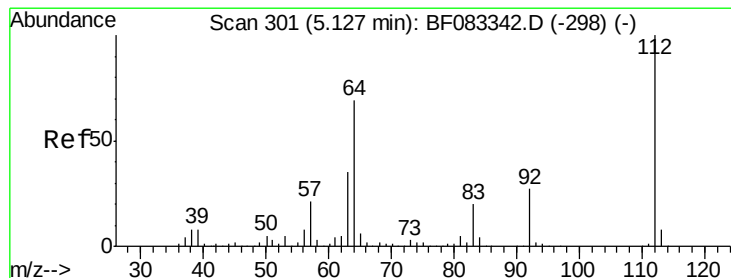
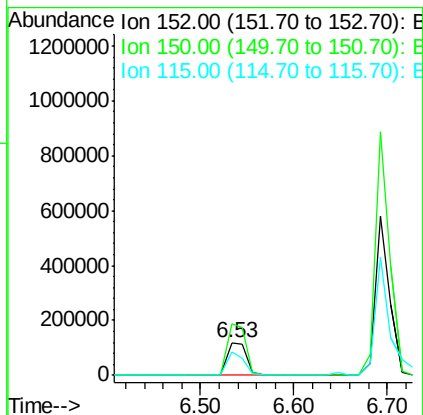
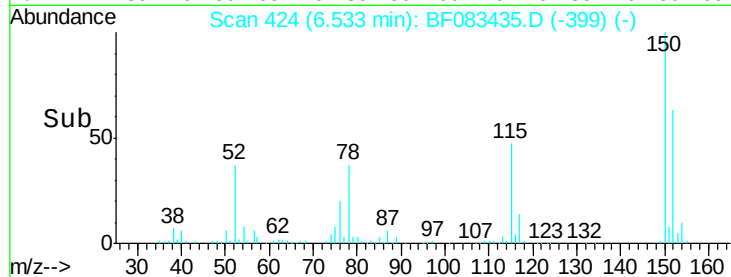
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

Tgt Ion:152 Resp: 169871
Ion Ratio Lower Upper
152 100
150 158.8 129.8 194.8
115 74.1 59.2 88.8



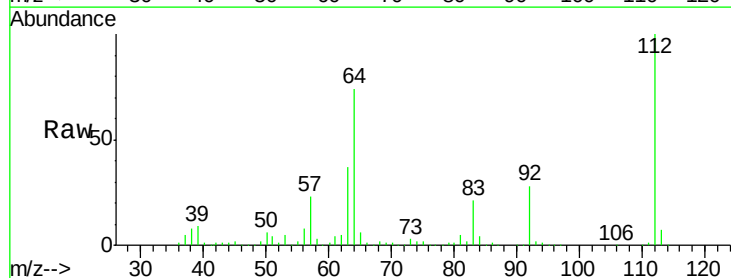
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



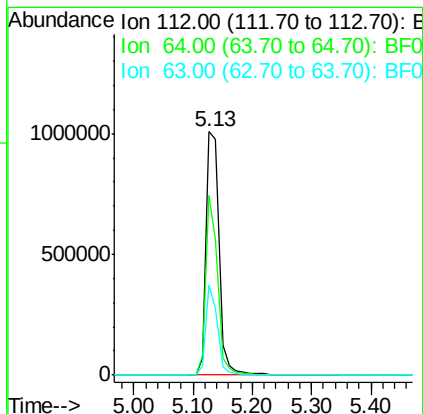
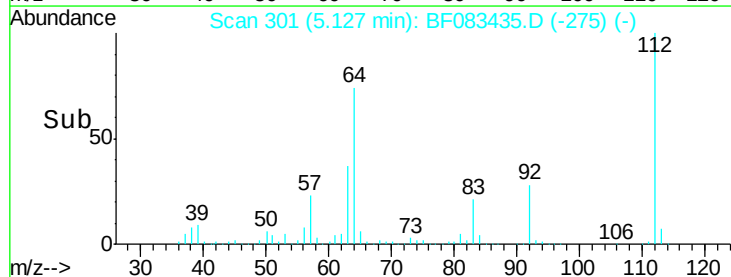
#5

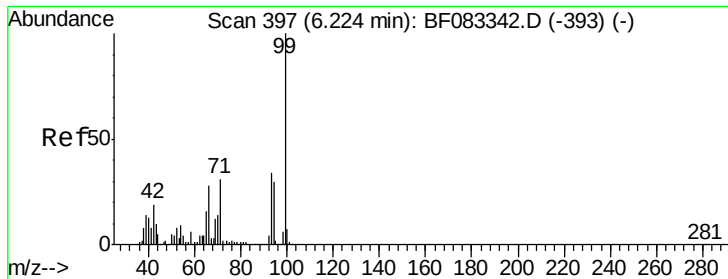
2-Fluorophenol
Concen: 139.39 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Tgt Ion:112 Resp: 1577929
Ion Ratio Lower Upper
112 100
64 73.7 55.6 83.4
63 37.1 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: 132.61 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

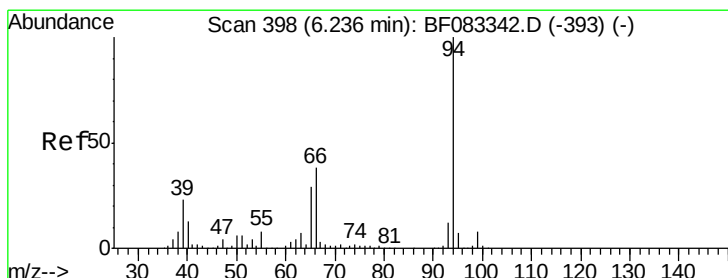
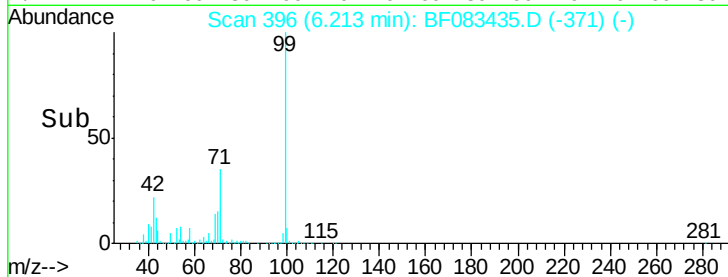
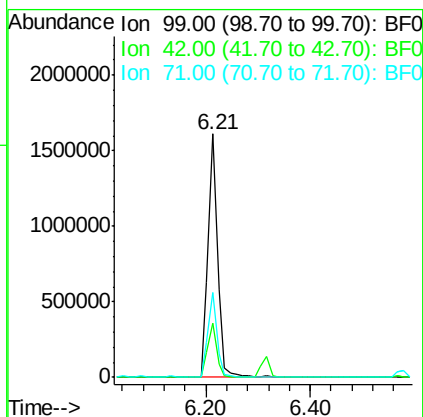
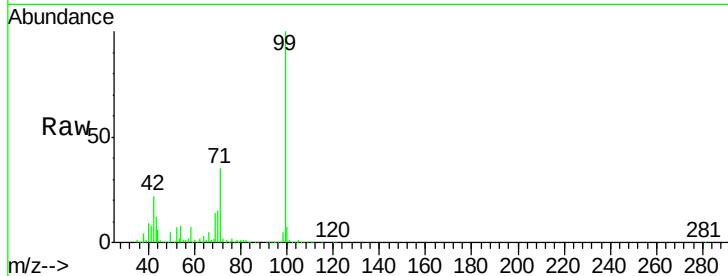
Tgt Ion: 99 Resp: 2054798

Ion Ratio Lower Upper

99 100

42 22.4 14.9 22.3#

71 35.1 24.7 37.1



#10

Phenol

Concen: 2.69 ng

RT: 6.22 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

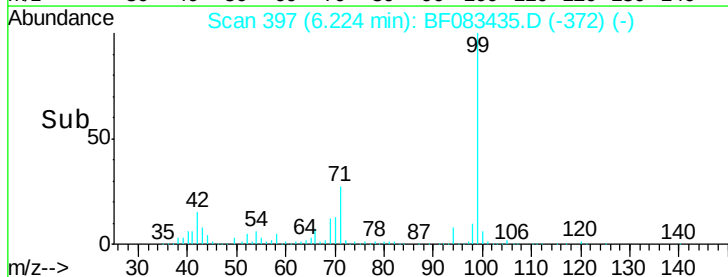
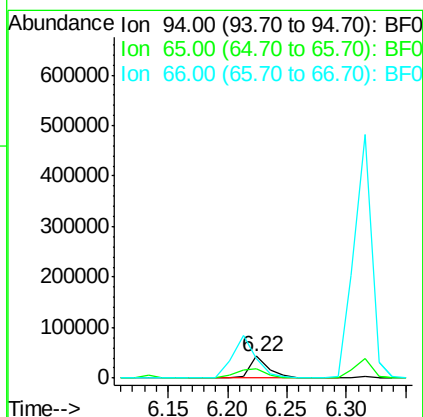
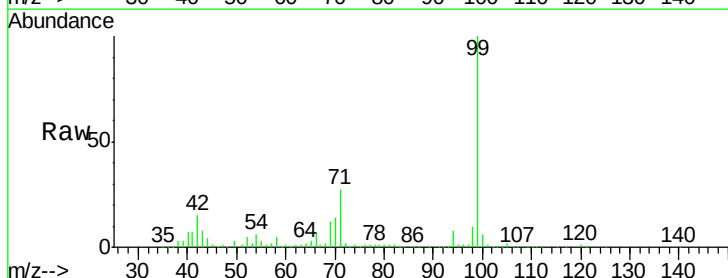
Tgt Ion: 94 Resp: 50242

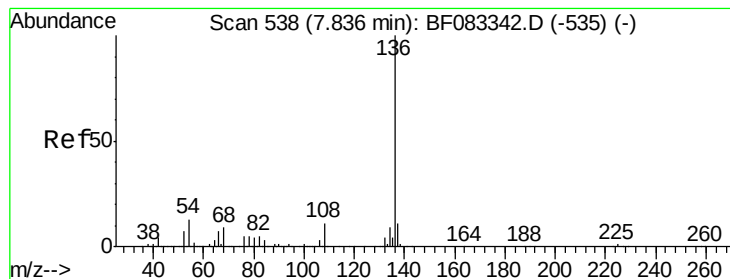
Ion Ratio Lower Upper

94 100

65 42.6 9.5 49.5

66 88.2 17.9 57.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 538

Delta R.T. 0.00 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

Tgt Ion:136 Resp: 626972

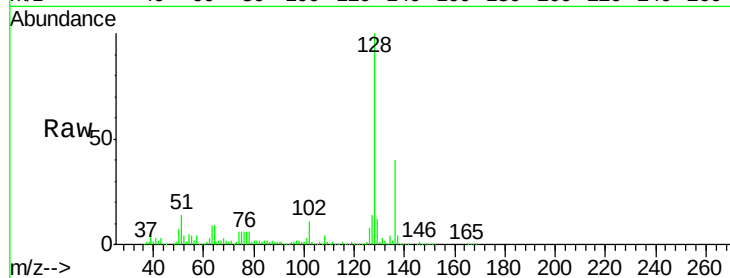
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 11.4 10.1 15.1

68 8.4 7.1 10.7

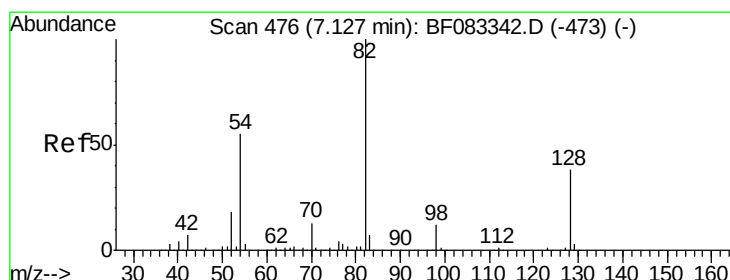
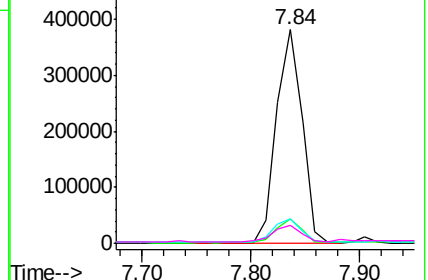
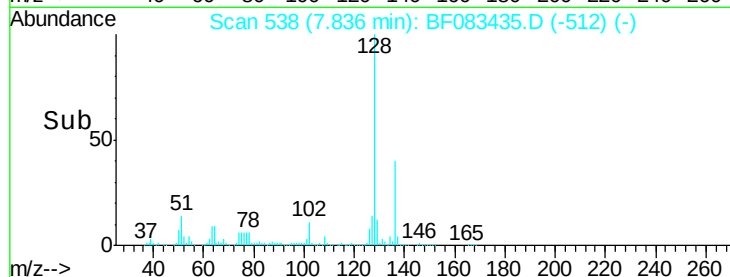


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.49 ng

RT: 7.12 min Scan# 475

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

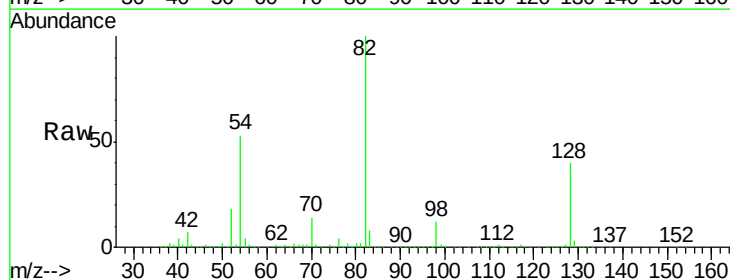
Tgt Ion: 82 Resp: 1433280

Ion Ratio Lower Upper

82 100

128 39.9 30.6 46.0

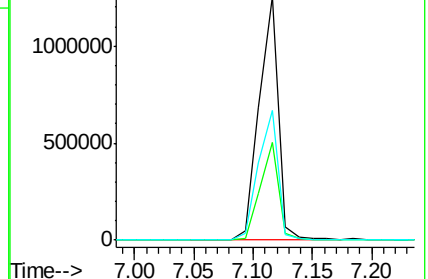
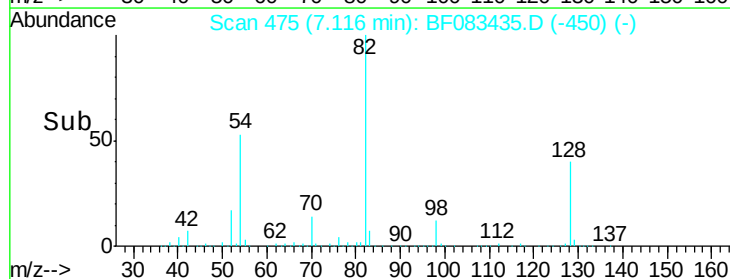
54 53.3 43.8 65.6

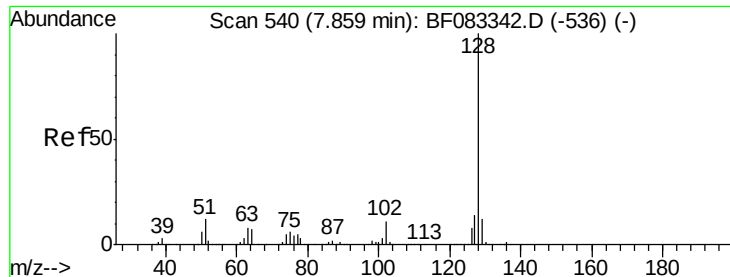


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

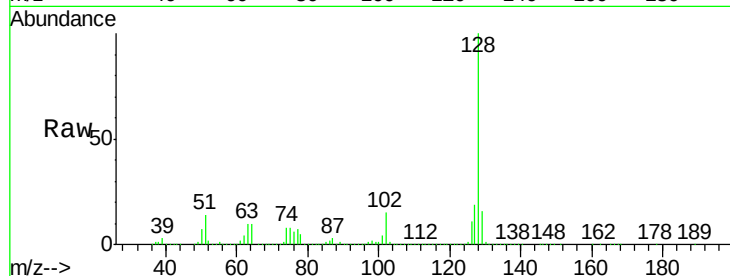




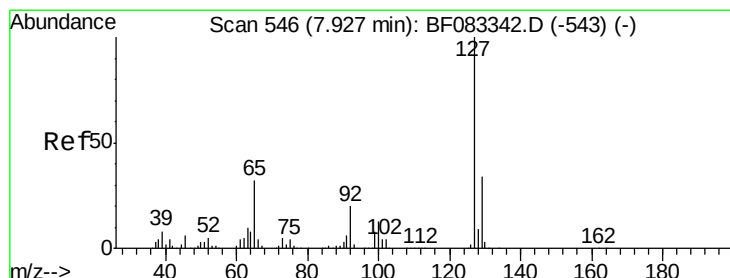
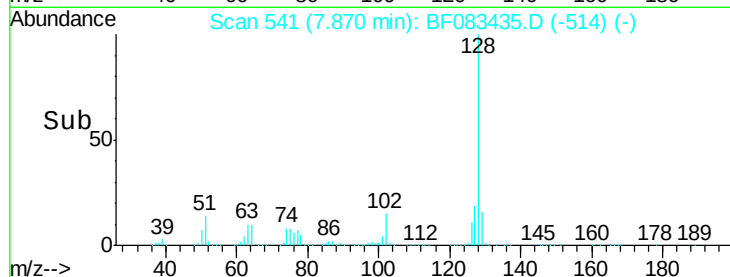
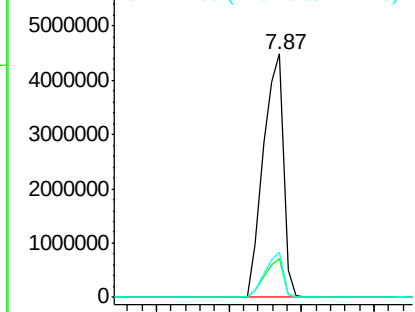
#31
Naphthalene
Concen: 259.17 ng
RT: 7.87 min Scan# 541
Delta R.T. 0.01 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

Tgt Ion:128 Resp: 8816509
Ion Ratio Lower Upper
128 100
129 15.8 9.7 14.5#
127 18.8 11.0 16.4#

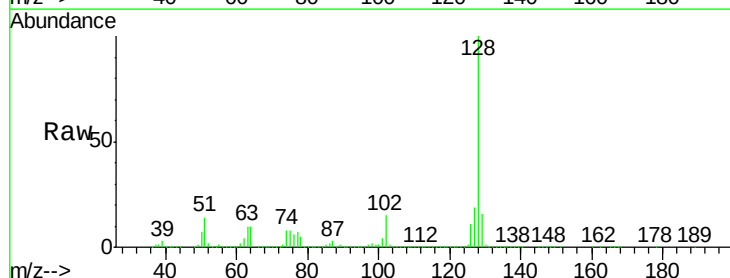


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

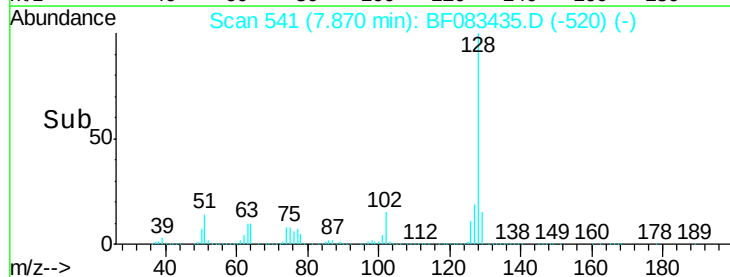
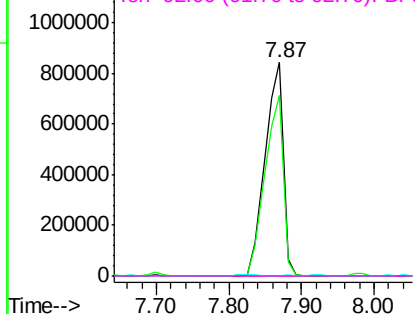


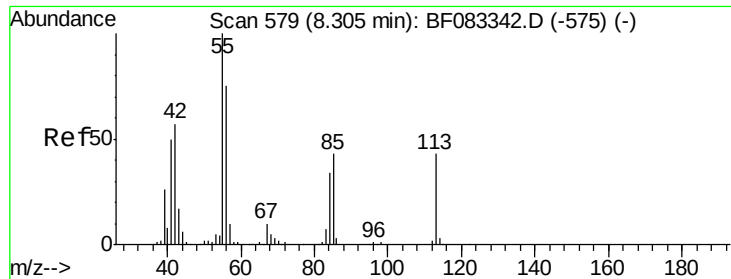
#33
4-Chloroaniline
Concen: 102.56 ng
RT: 7.87 min Scan# 541
Delta R.T. -0.06 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Tgt Ion:127 Resp: 1503948
Ion Ratio Lower Upper
127 100
129 84.3 27.0 40.4#
65 0.0 25.9 38.9#
92 0.1 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

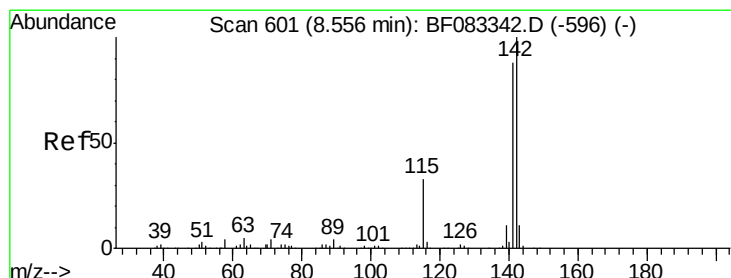
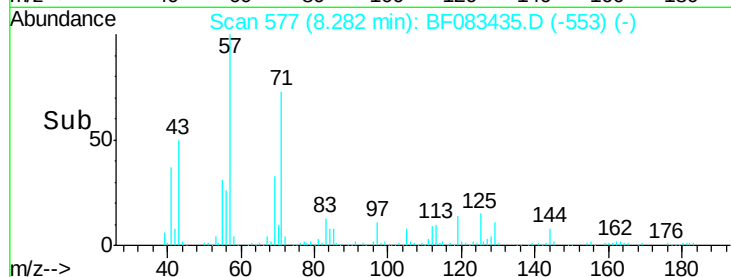
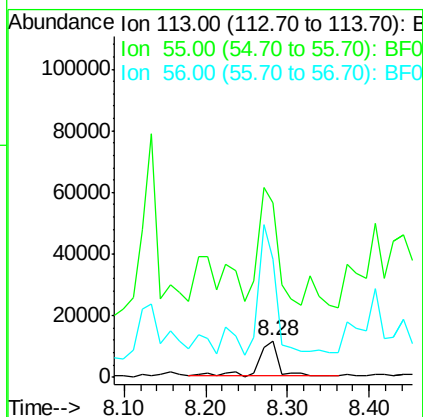
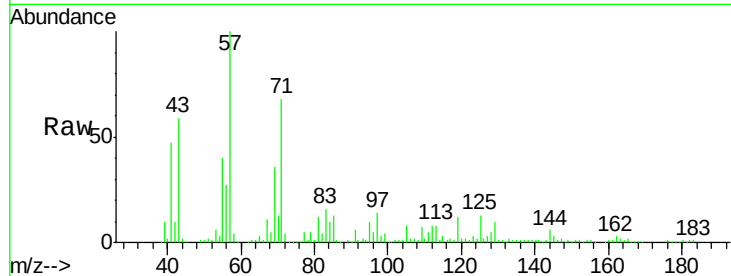




#35
 Caprolactam
 Concen: 6.34 ng
 RT: 8.28 min Scan# 577
 Delta R.T. -0.02 min
 Lab File: BF083435.D
 Acq: 2 Dec 2015 23:51

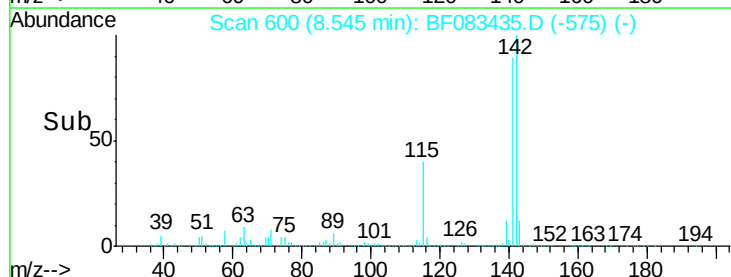
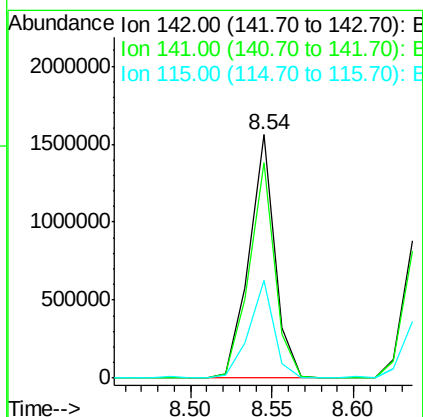
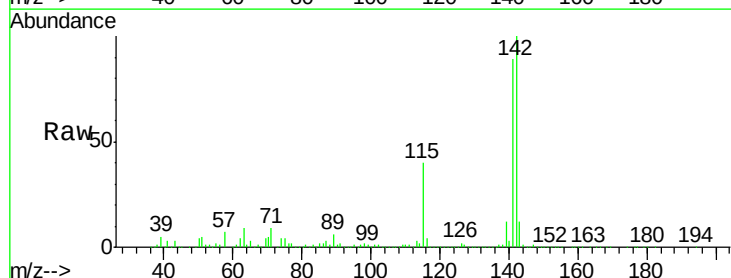
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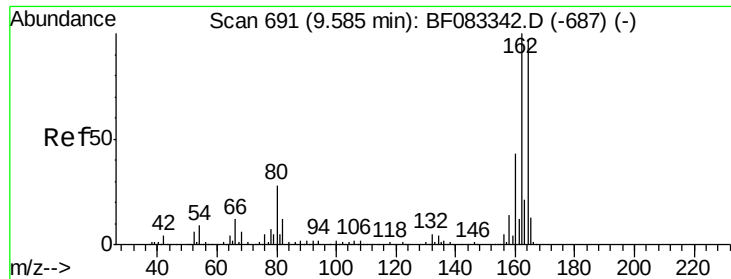
Tgt Ion:113 Resp: 20065
 Ion Ratio Lower Upper
 113 100
 55 475.2 211.6 251.6#
 56 321.3 153.0 193.0#



#37
 2-Methylnaphthalene
 Concen: 75.47 ng
 RT: 8.54 min Scan# 600
 Delta R.T. -0.01 min
 Lab File: BF083435.D
 Acq: 2 Dec 2015 23:51

Tgt Ion:142 Resp: 1715764
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.6 105.8
 115 40.1 26.2 39.2#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

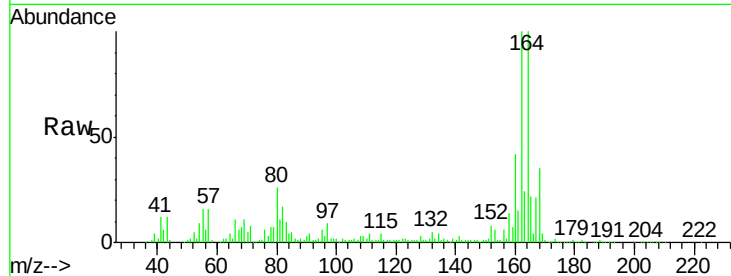
Tgt Ion:164 Resp: 323700

Ion Ratio Lower Upper

164 100

162 100.2 82.6 123.8

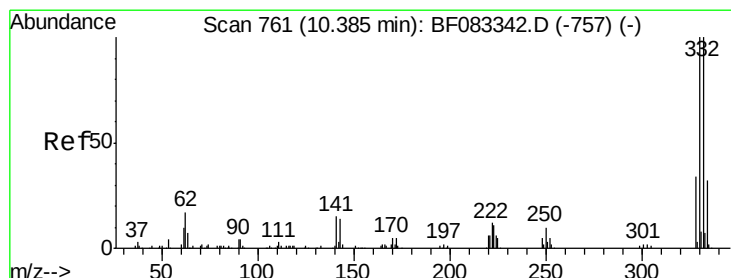
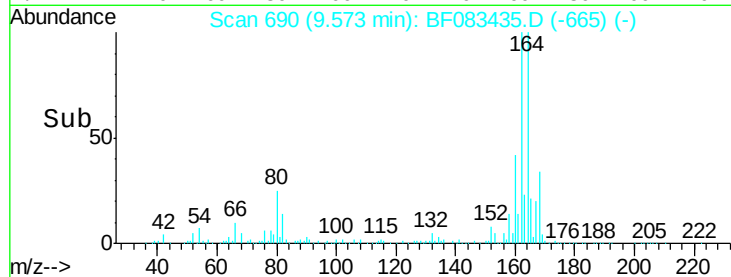
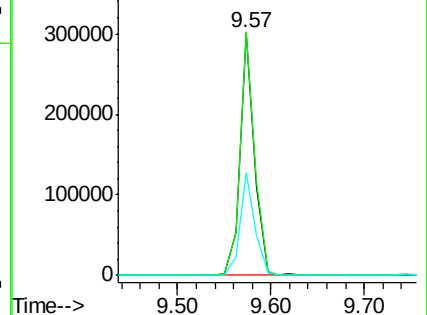
160 42.5 35.3 52.9



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: 127.66 ng

RT: 10.36 min Scan# 759

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

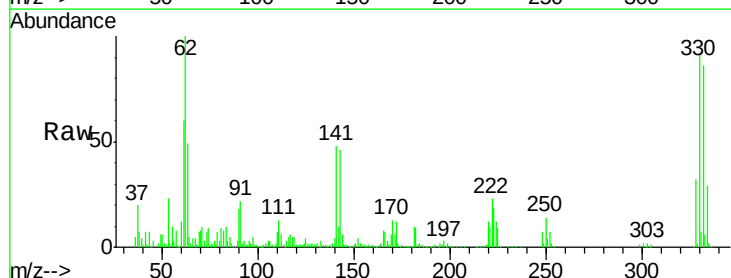
Tgt Ion:330 Resp: 414828

Ion Ratio Lower Upper

330 100

332 96.4 77.8 116.6

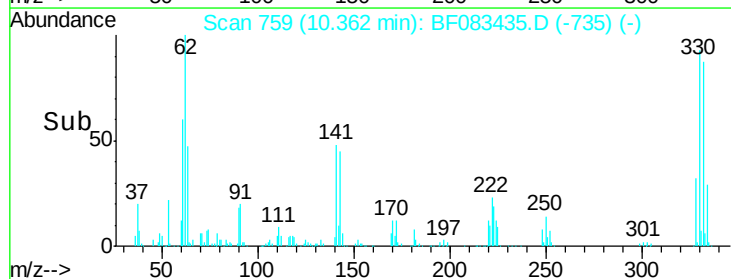
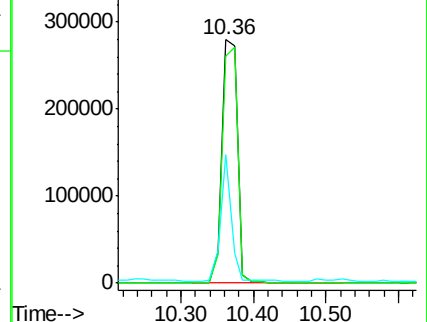
141 36.9 29.4 44.0

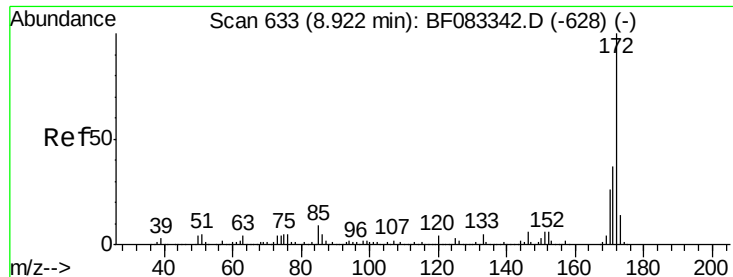


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 76.69 ng

RT: 8.91 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

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ClientSampleId :

SB-P3WC-06(6-13)

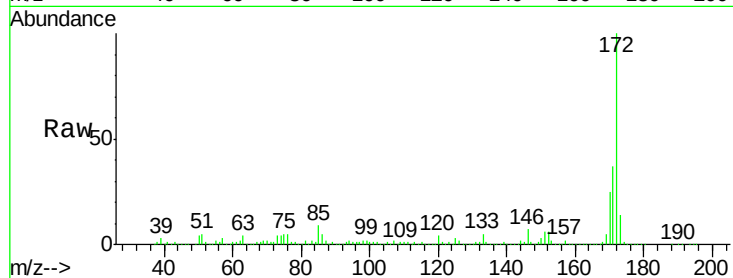
Tgt Ion:172 Resp: 1741937

Ion Ratio Lower Upper

172 100

171 37.1 29.4 44.0

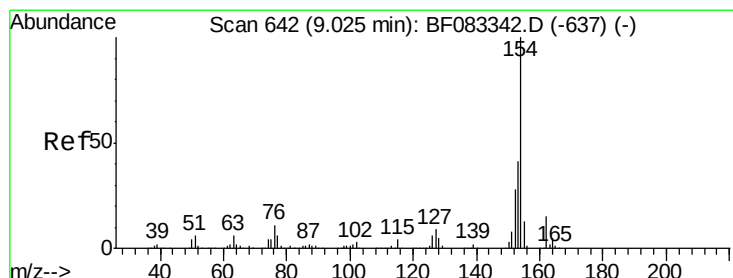
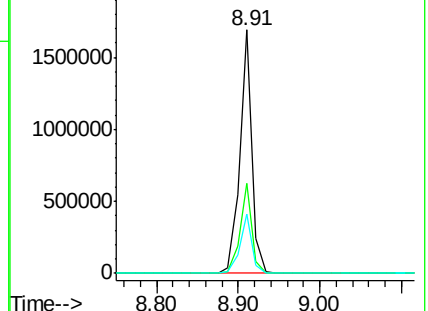
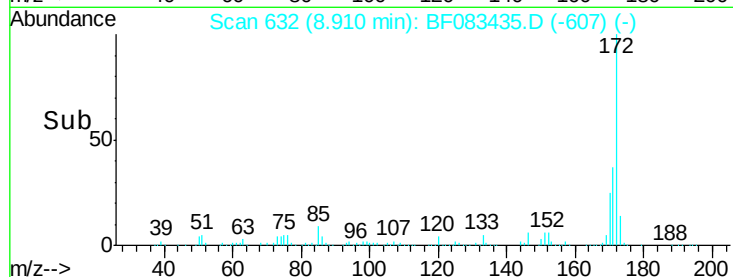
170 24.6 20.4 30.6



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: 25.23 ng

RT: 9.00 min Scan# 640

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

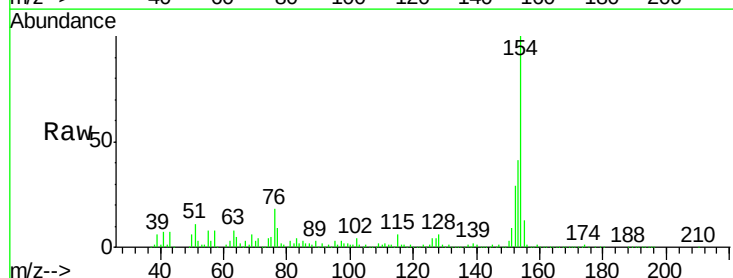
Tgt Ion:154 Resp: 716060

Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

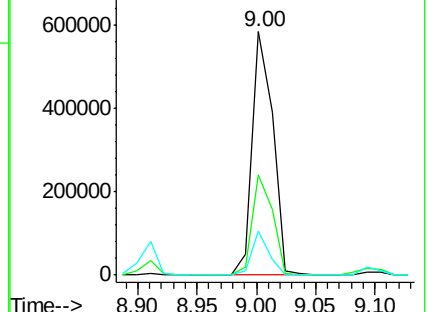
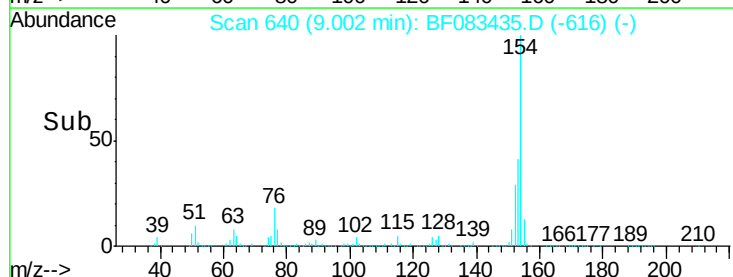
76 18.2 0.0 30.5

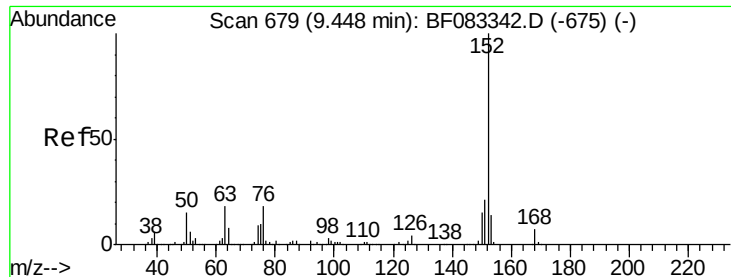


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#48

Acenaphthylene

Concen: 9.98 ng

RT: 9.44 min Scan# 678

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

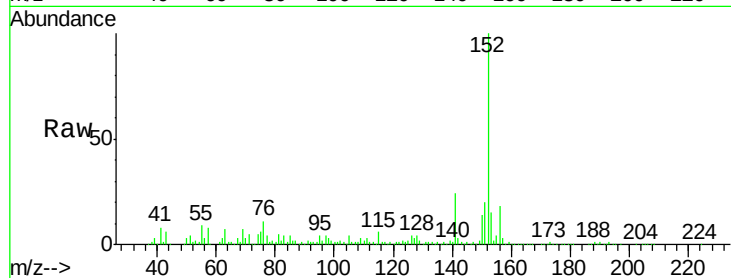
Tgt Ion:152 Resp: 344505

Ion Ratio Lower Upper

152 100

151 20.1 16.7 25.1

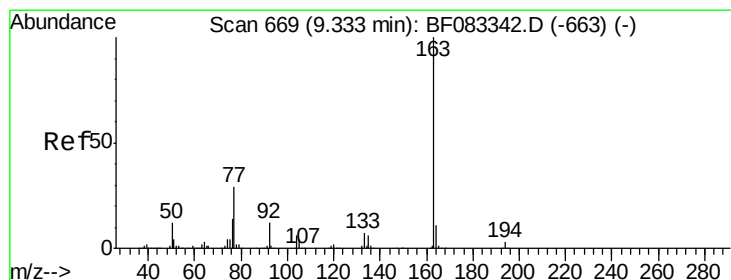
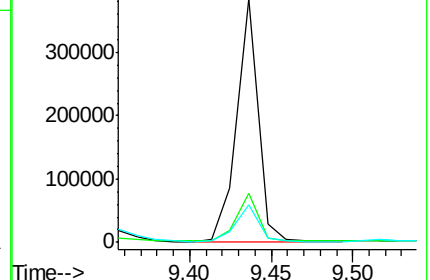
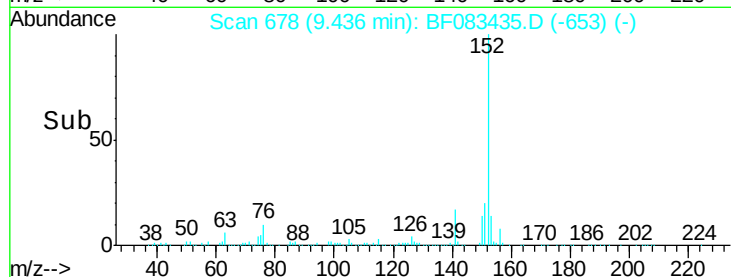
153 15.3 11.2 16.8



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: 16.90 ng

RT: 9.31 min Scan# 667

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

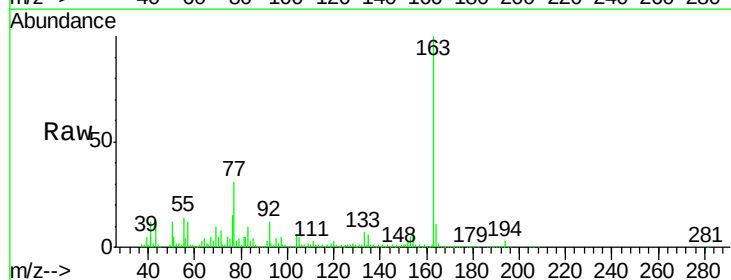
Tgt Ion:163 Resp: 444478

Ion Ratio Lower Upper

163 100

194 3.0 2.7 4.1

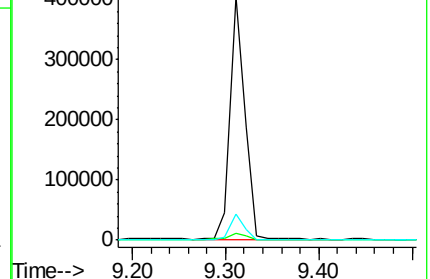
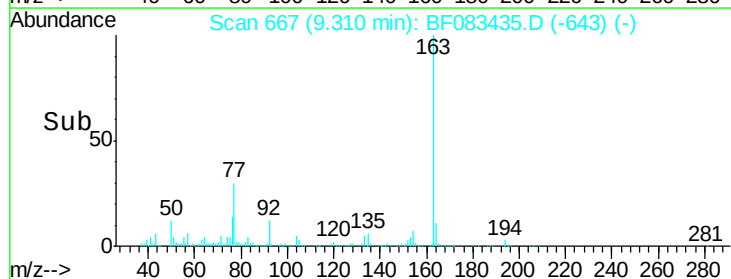
164 10.8 8.8 13.2

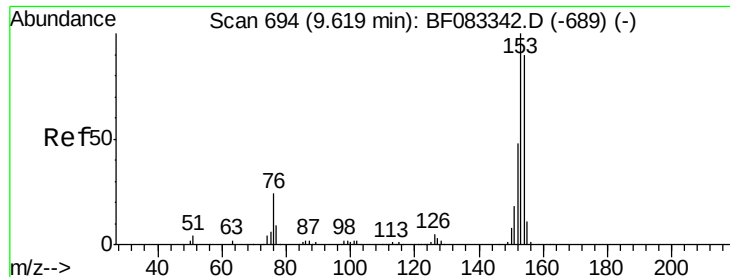


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 106.00 ng

RT: 9.62 min Scan# 694

Delta R.T. 0.00 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

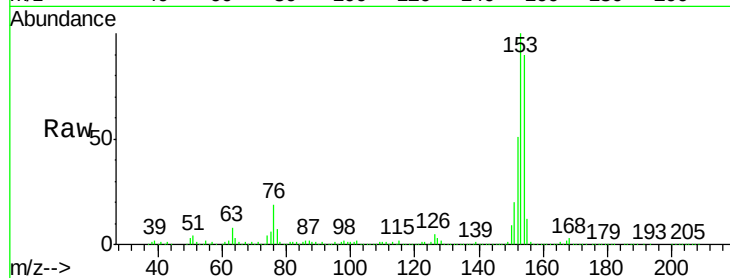
Tgt Ion:154 Resp: 2151308

Ion Ratio Lower Upper

154 100

153 111.5 89.3 133.9

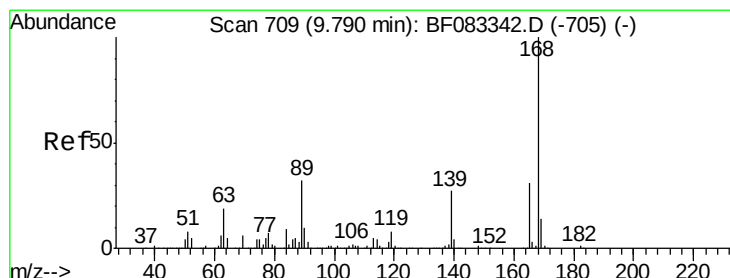
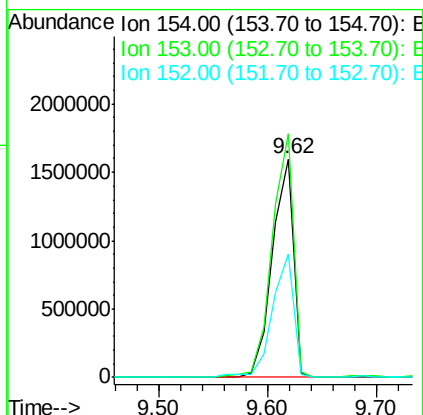
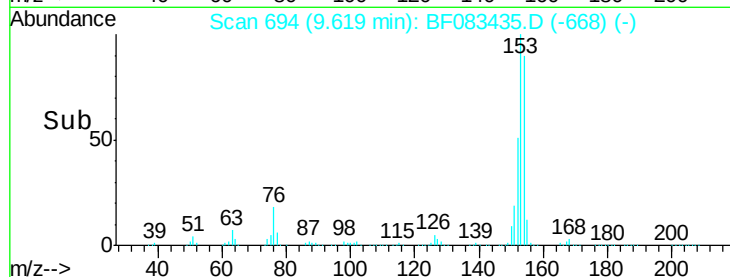
152 56.6 42.5 63.7



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: 7.74 ng

RT: 9.78 min Scan# 708

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

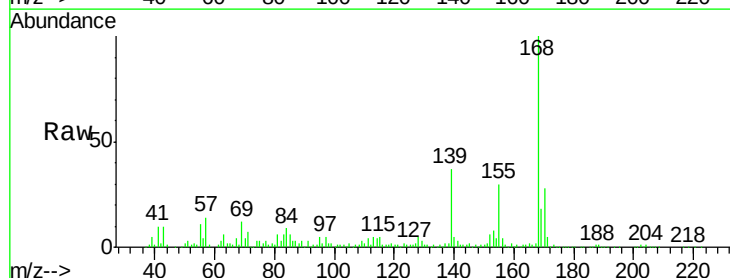
Tgt Ion:168 Resp: 230261

Ion Ratio Lower Upper

168 100

139 37.0 32.7 49.1

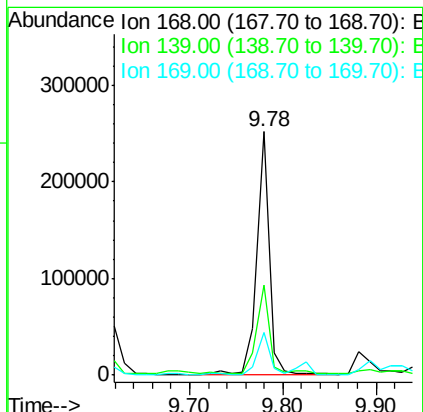
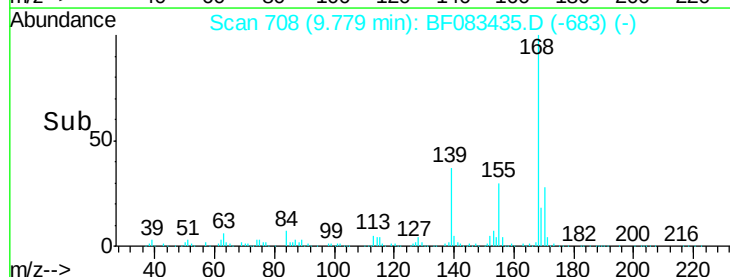
169 17.6 11.1 16.7#

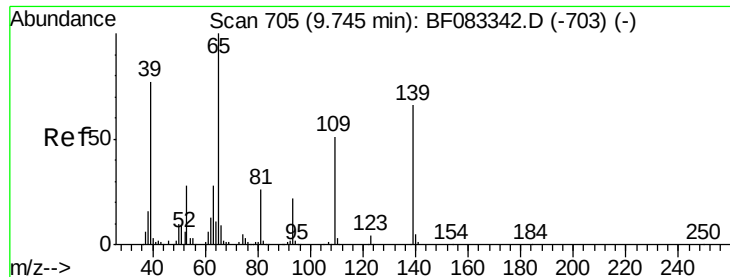


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 21.72 ng

RT: 9.78 min Scan# 708

Delta R.T. 0.04 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

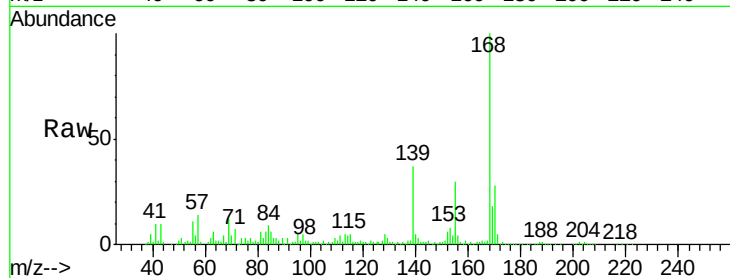
Tgt Ion:139 Resp: 89470

Ion Ratio Lower Upper

139 100

109 9.3 57.4 97.4#

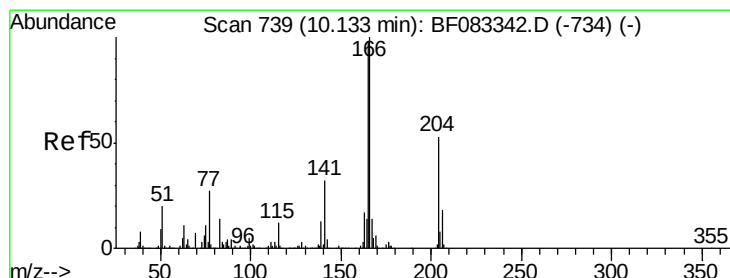
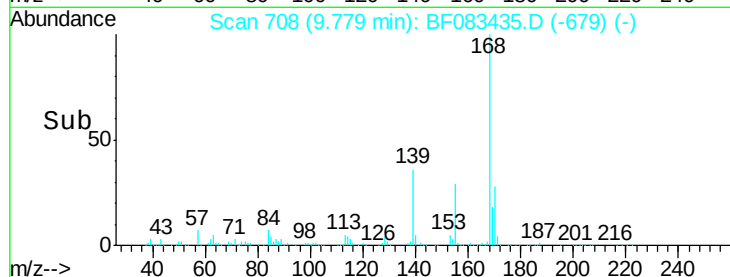
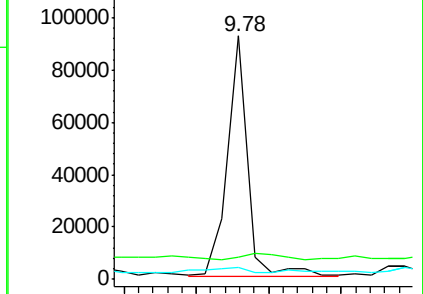
65 4.8 131.6 171.6#



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



#57

Fluorene

Concen: 50.59 ng

RT: 10.12 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

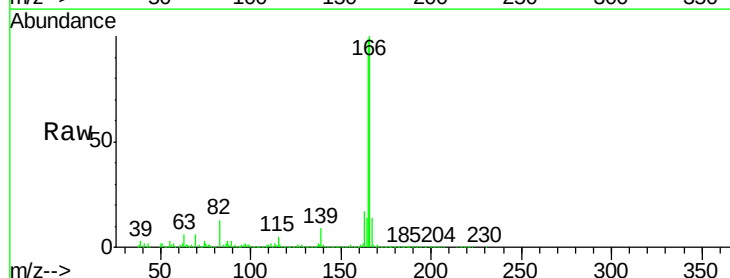
Tgt Ion:166 Resp: 1188024

Ion Ratio Lower Upper

166 100

165 98.8 78.3 117.5

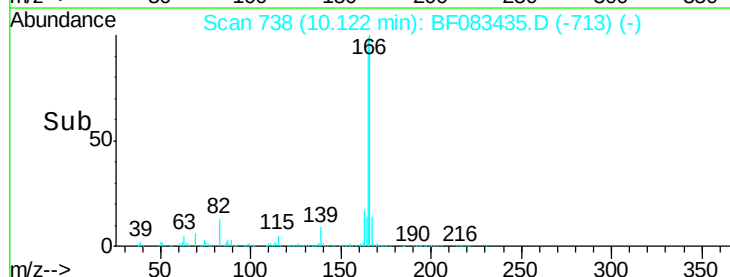
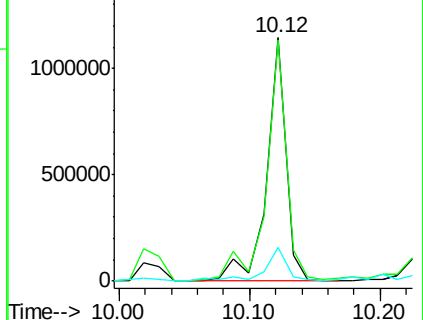
167 14.0 11.1 16.7

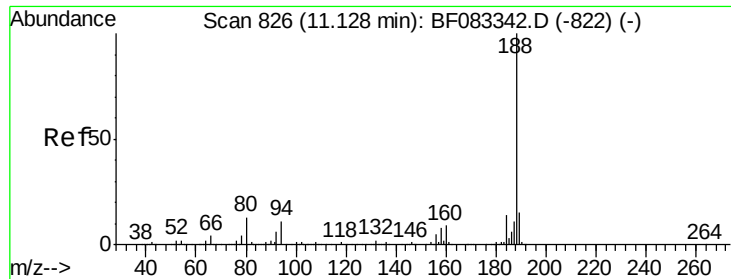


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

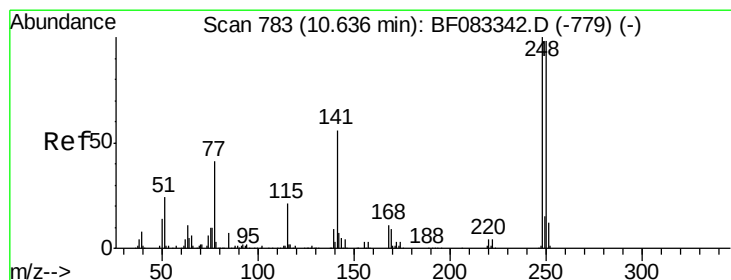
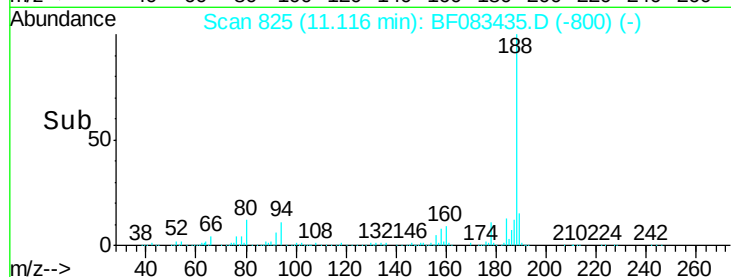
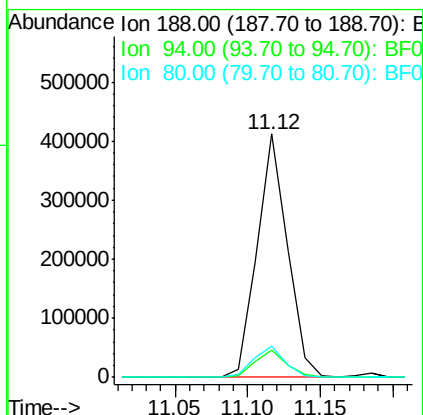
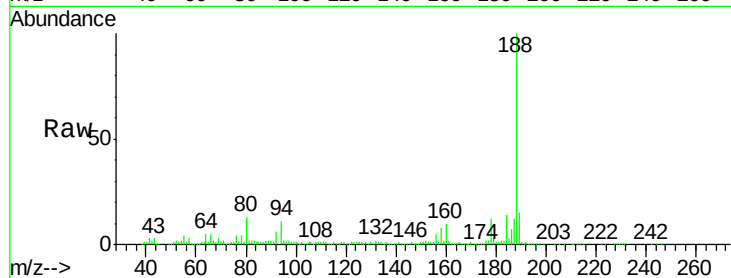




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

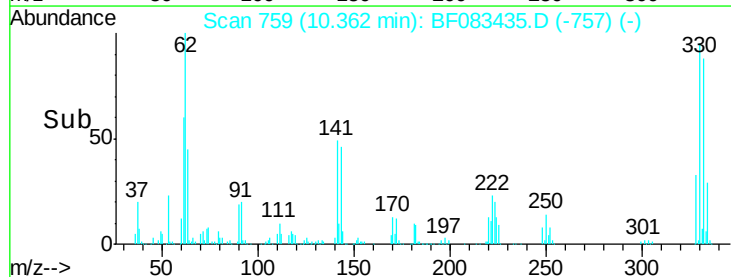
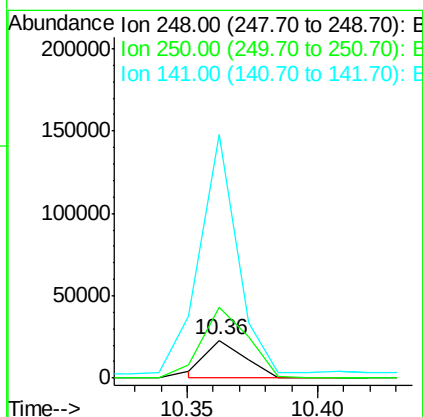
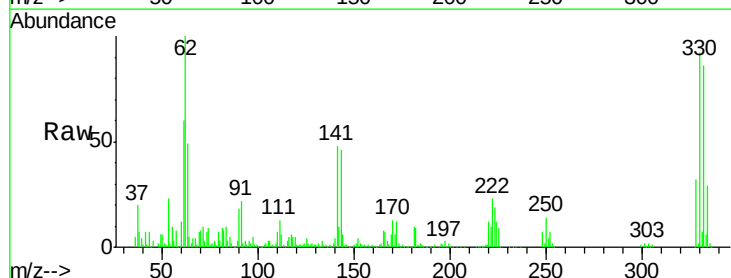
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

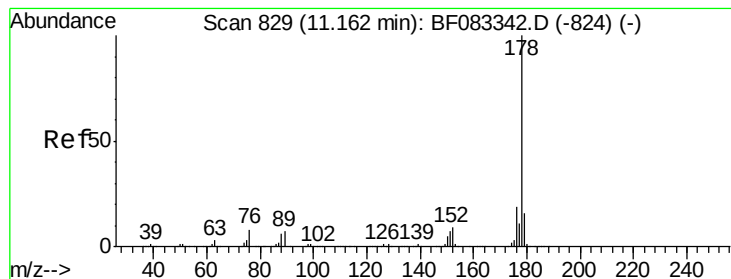
Tgt Ion:188 Resp: 597185
Ion Ratio Lower Upper
188 100
94 11.3 8.7 13.1
80 12.7 10.3 15.5



#66
4-Bromophenyl-phenylether
Concen: 3.66 ng
RT: 10.36 min Scan# 759
Delta R.T. -0.27 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Tgt Ion:248 Resp: 23880
Ion Ratio Lower Upper
248 100
250 187.1 78.6 118.0#
141 647.7 44.4 66.6#





#70

Phenanthrene

Concen: 144.00 ng

RT: 11.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

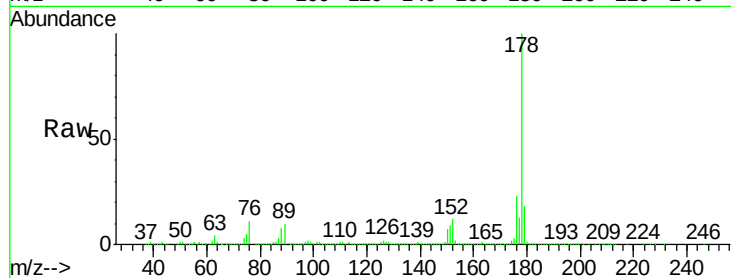
Tgt Ion:178 Resp: 5089191

Ion Ratio Lower Upper

178 100

176 22.8 15.3 22.9

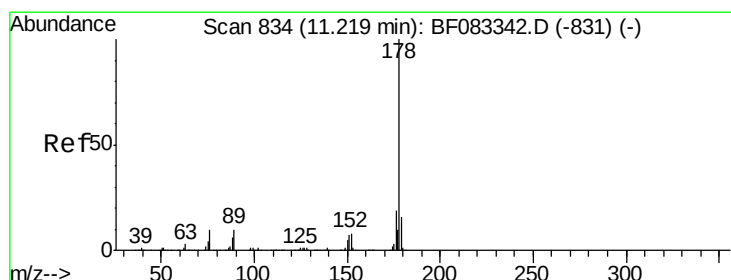
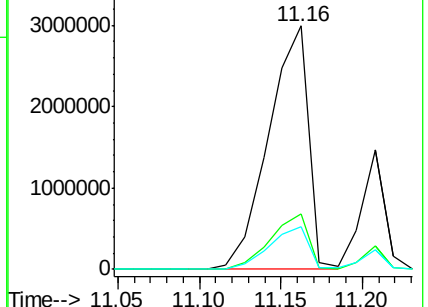
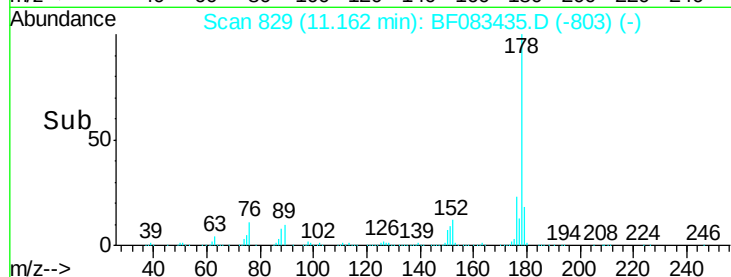
179 17.6 12.4 18.6



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: 40.77 ng

RT: 11.21 min Scan# 833

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

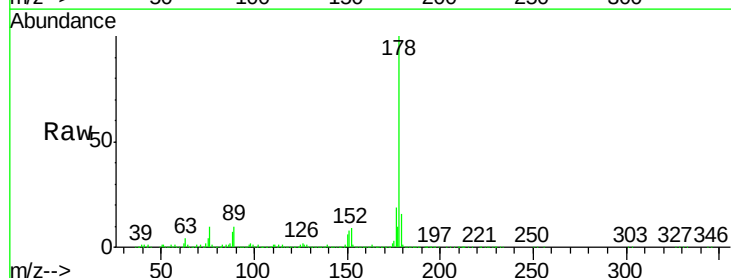
Tgt Ion:178 Resp: 1450426

Ion Ratio Lower Upper

178 100

176 19.3 15.6 23.4

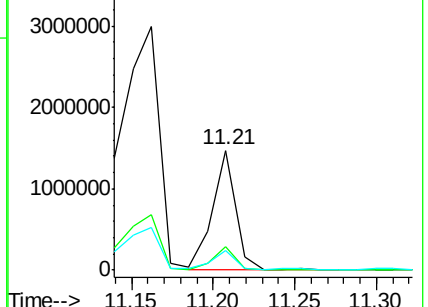
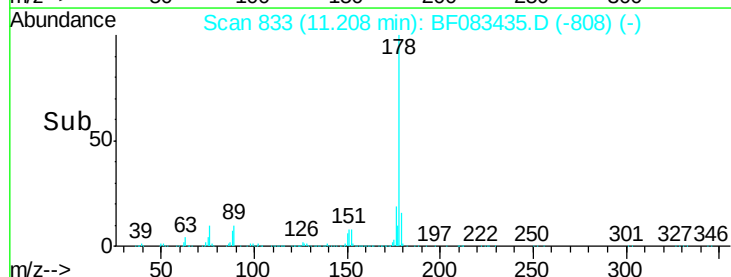
179 16.2 12.8 19.2

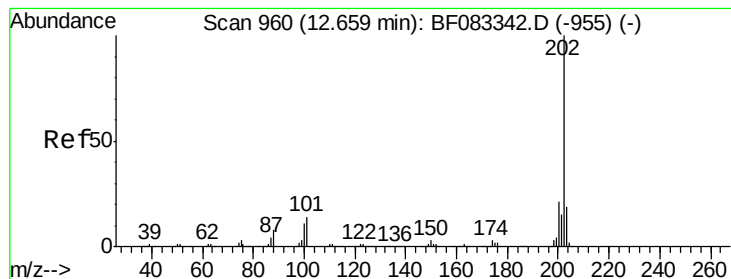


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 68.46 ng

RT: 12.66 min Scan# 960

Delta R.T. 0.00 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

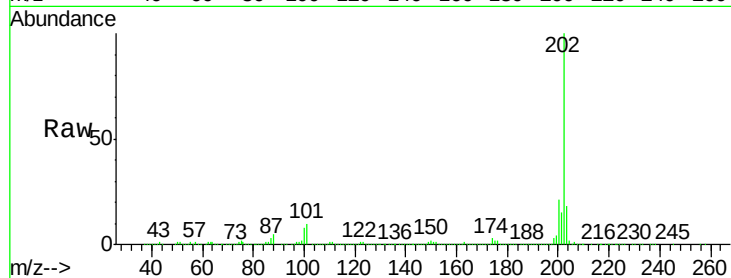
Tgt Ion:202 Resp: 2508007

Ion Ratio Lower Upper

202 100

101 10.3 0.0 34.5

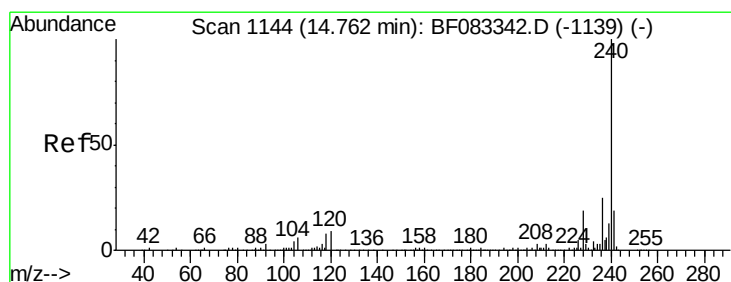
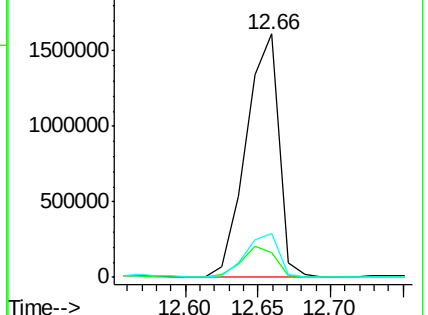
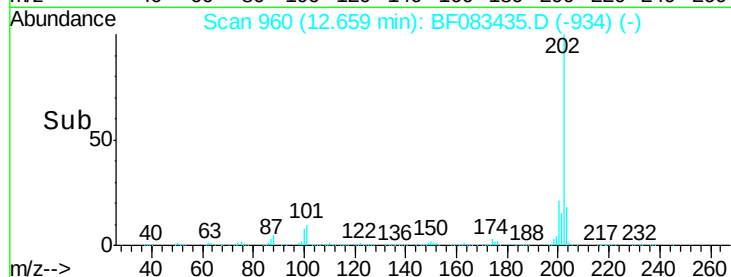
203 18.1 0.0 38.7



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: 14.73 min Scan# 1141

Delta R.T. -0.03 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

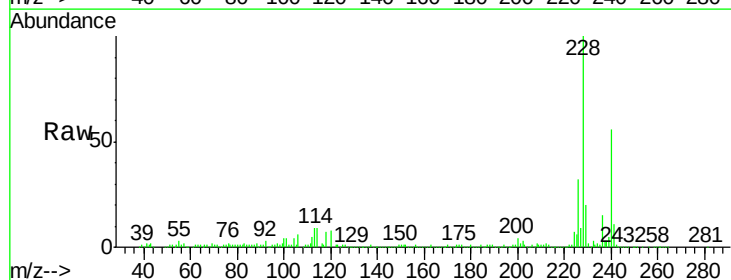
Tgt Ion:240 Resp: 417564

Ion Ratio Lower Upper

240 100

120 14.4 6.9 10.3#

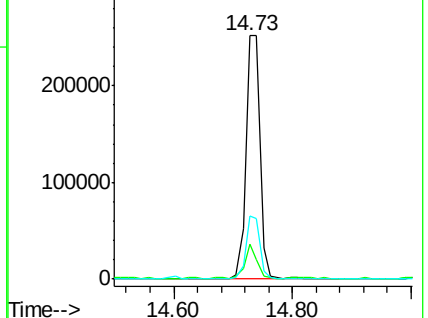
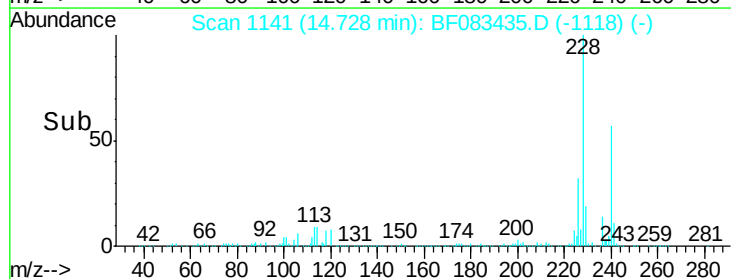
236 26.1 19.8 29.6

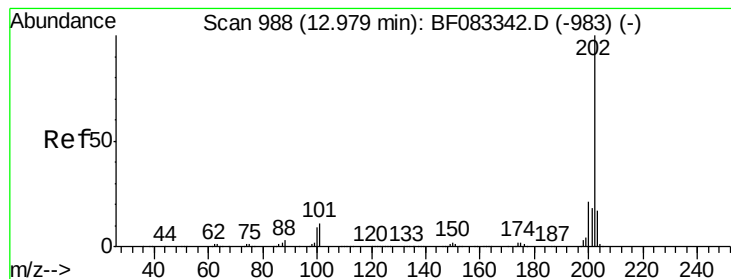


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 108.86 ng

RT: 12.97 min Scan# 987

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

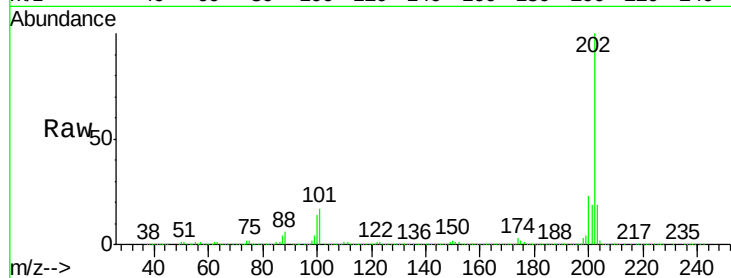
Tgt Ion:202 Resp: 3174625

Ion Ratio Lower Upper

202 100

200 23.1 16.9 25.3

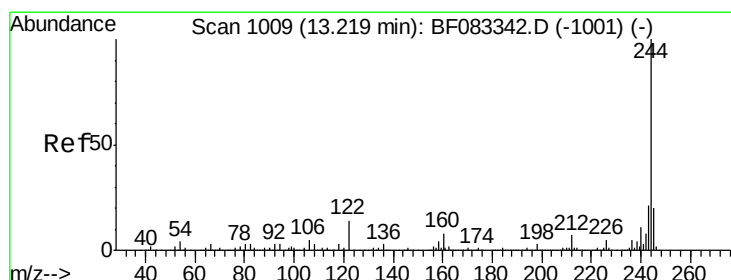
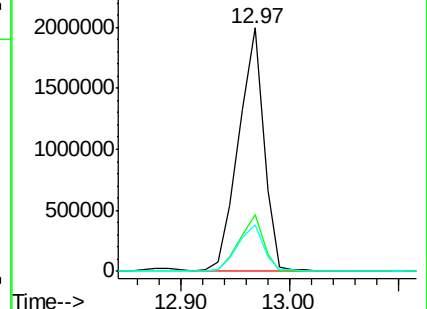
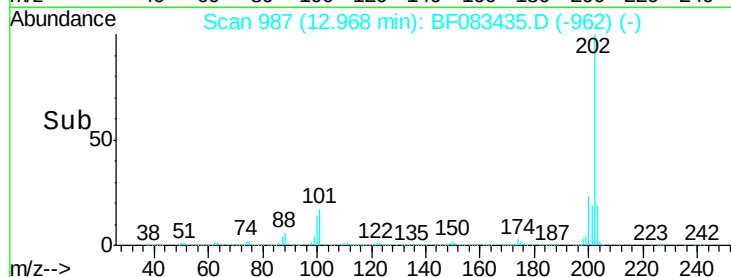
203 18.9 13.9 20.9



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: 94.15 ng

RT: 13.21 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

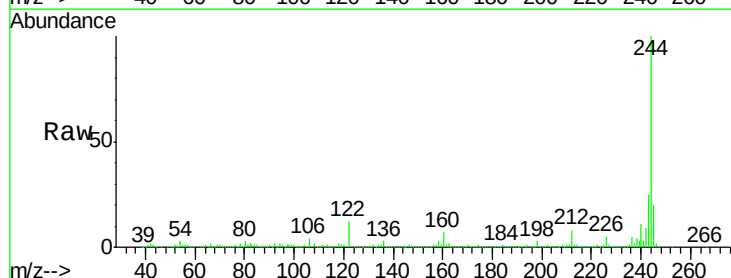
Tgt Ion:244 Resp: 1648492

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

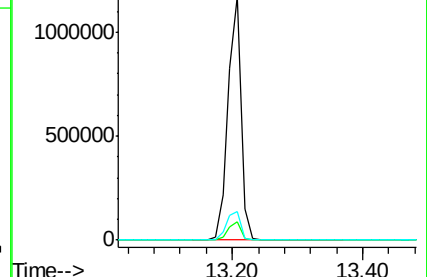
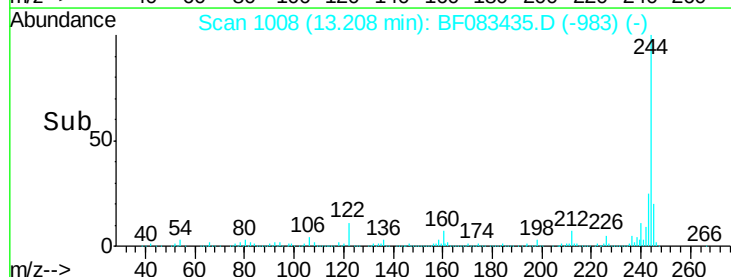
122 11.5 11.0 16.4

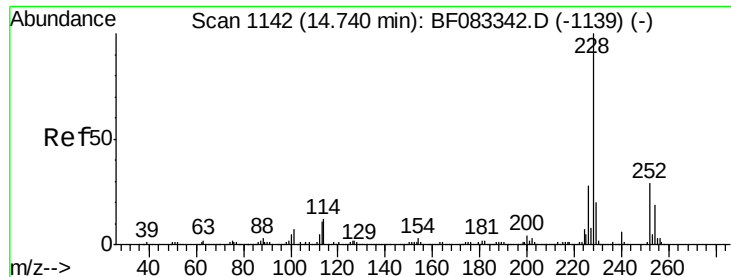


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 28.58 ng

RT: 14.77 min Scan# 1145

Delta R.T. 0.03 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

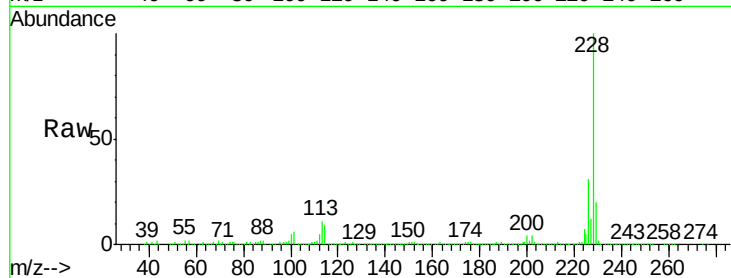
Tgt Ion:228 Resp: 731068

Ion Ratio Lower Upper

228 100

226 31.0 22.2 33.4

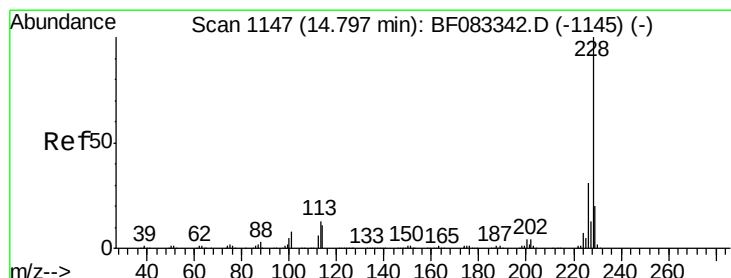
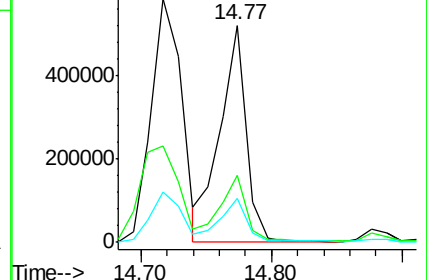
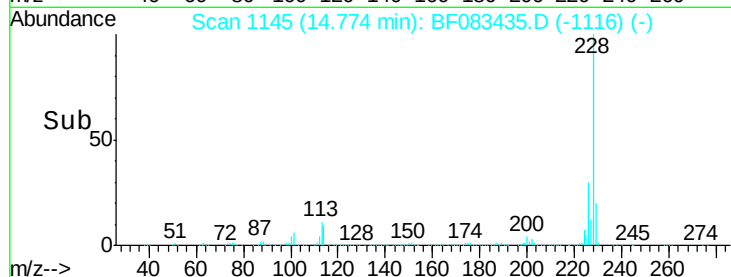
229 20.3 16.1 24.1



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: 29.66 ng

RT: 14.77 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

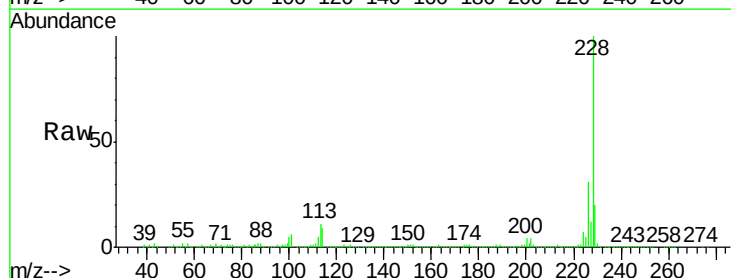
Tgt Ion:228 Resp: 733085

Ion Ratio Lower Upper

228 100

226 31.0 24.6 37.0

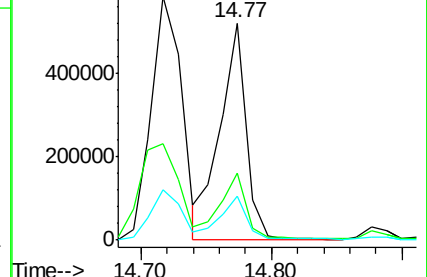
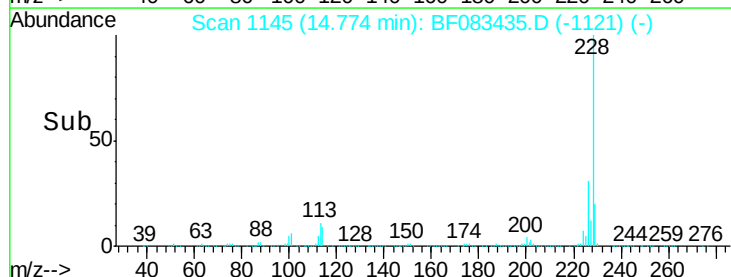
229 20.3 16.2 24.2

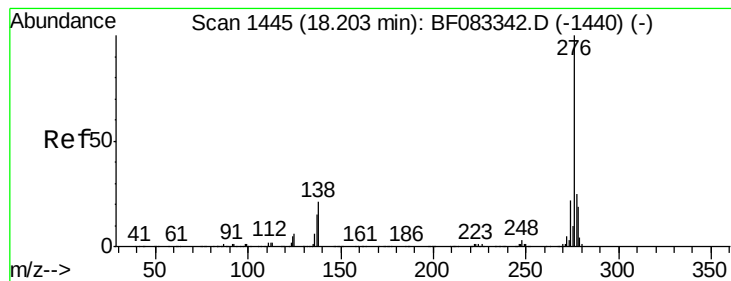


Abundance Ion 228.00 (227.70 to 228.70): E

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: 19.46 ng

RT: 18.17 min Scan# 1442

Delta R.T. -0.03 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

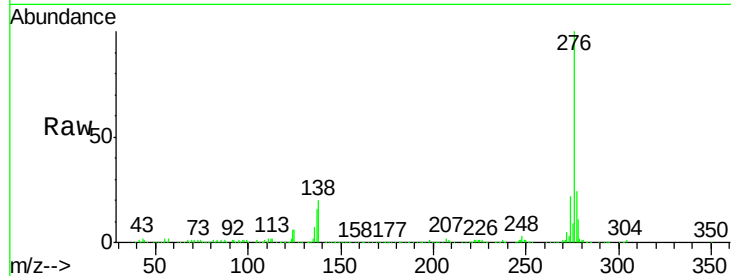
Tgt Ion:276 Resp: 350392

Ion Ratio Lower Upper

276 100

138 22.8 21.2 31.8

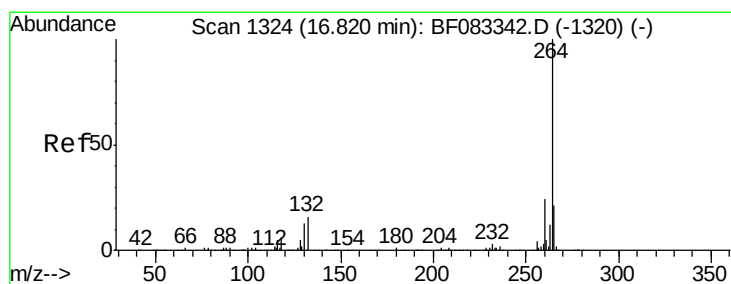
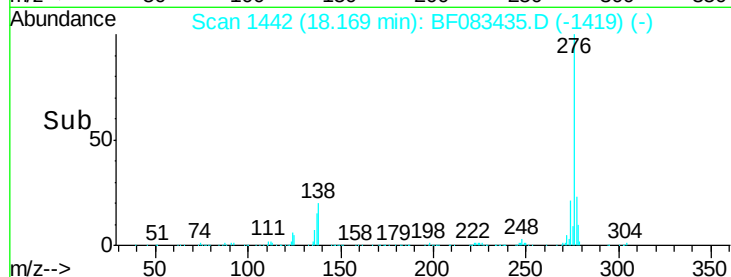
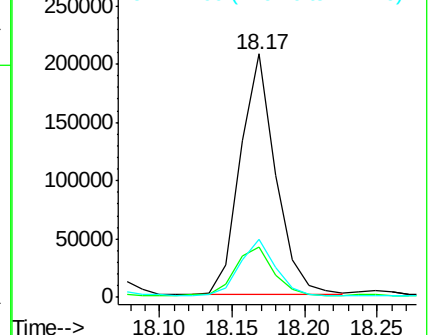
277 24.5 20.0 30.0



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.80 min Scan# 1322

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

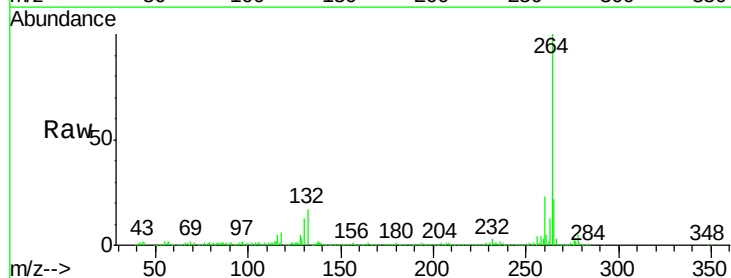
Tgt Ion:264 Resp: 396013

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

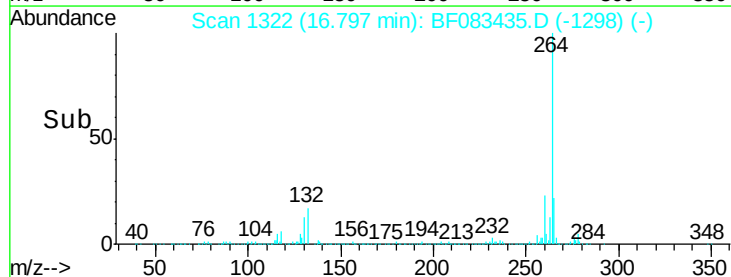
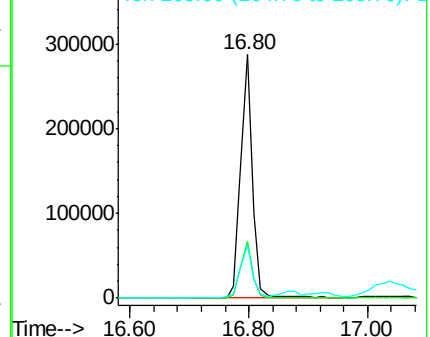
265 21.9 16.8 25.2

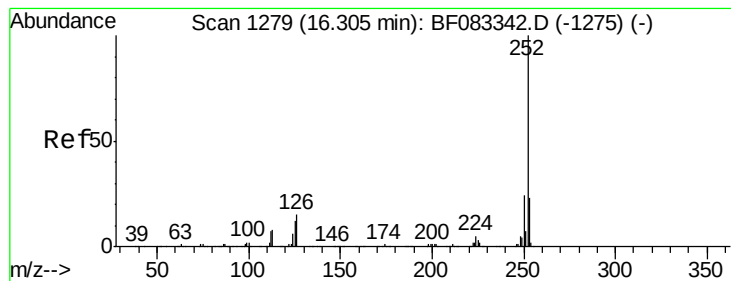


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 34.84 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.02 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)

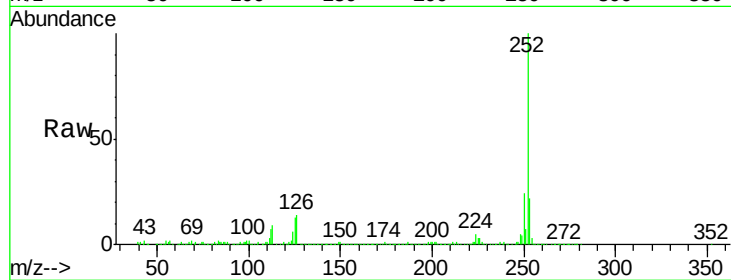
Tgt Ion:252 Resp: 885368

Ion Ratio Lower Upper

252 100

253 21.6 18.4 27.6

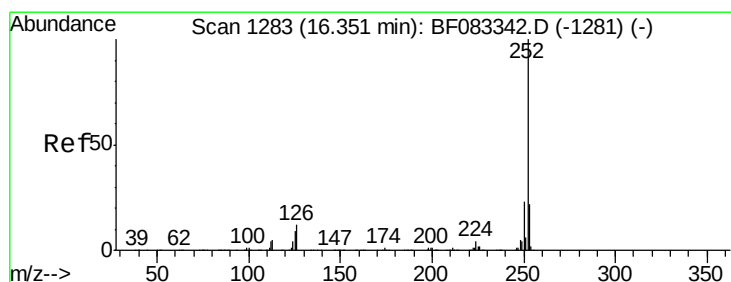
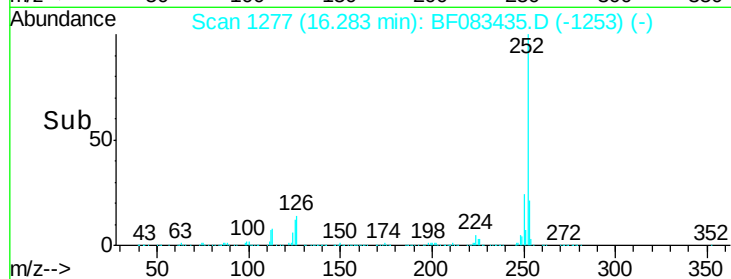
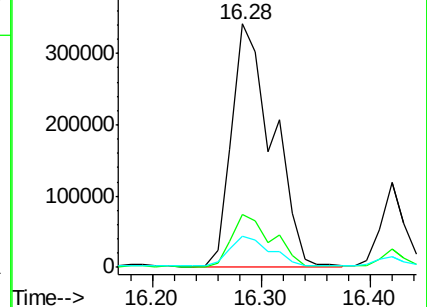
125 12.6 9.6 14.4



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



#88

Benzo(k)fluoranthene

Concen: 36.90 ng

RT: 16.28 min Scan# 1277

Delta R.T. -0.07 min

Lab File: BF083435.D

Acq: 2 Dec 2015 23:51

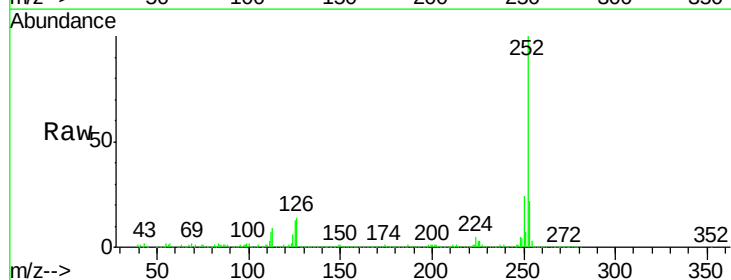
Tgt Ion:252 Resp: 885368

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

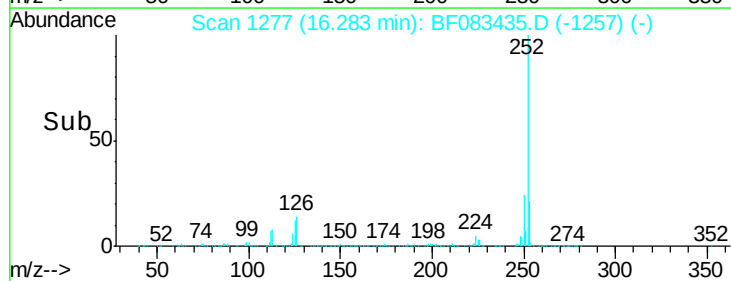
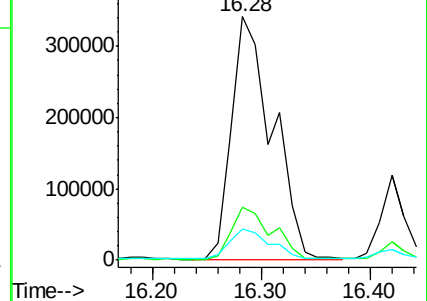
125 12.6 7.5 11.3#

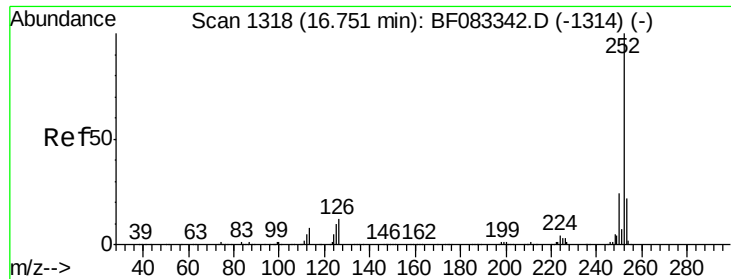


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

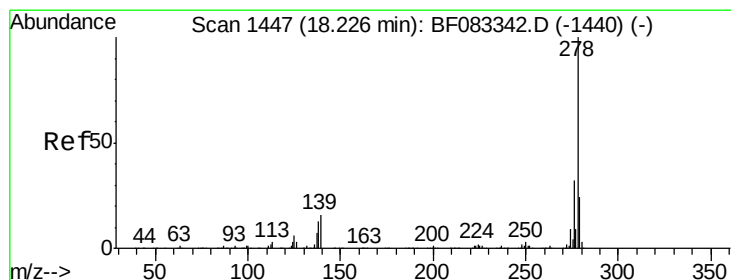
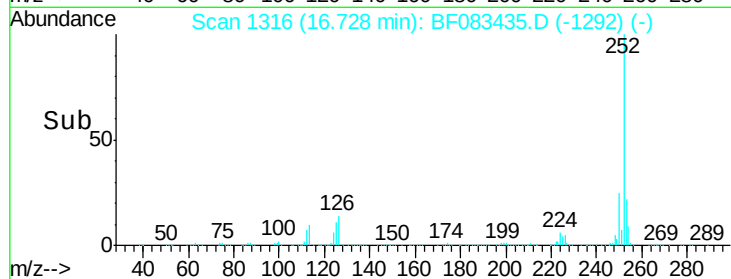
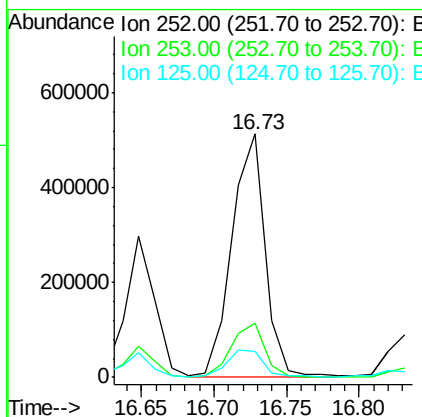
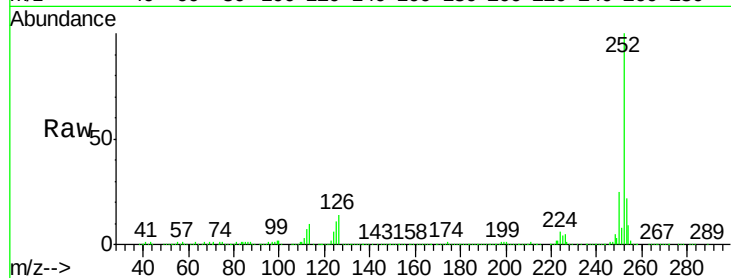




#89
Benzo(a)pyrene
Concen: 37.17 ng
RT: 16.73 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

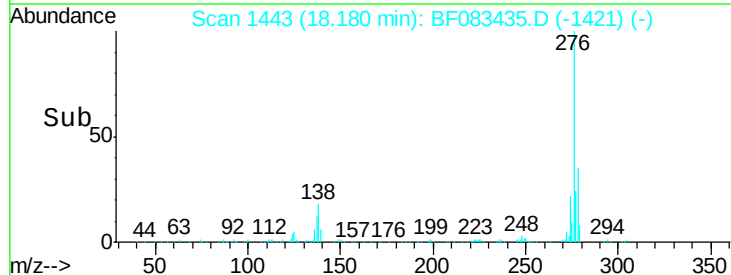
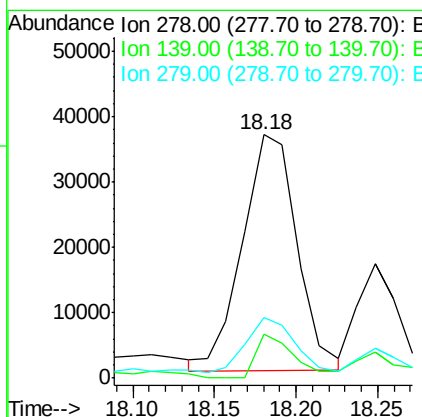
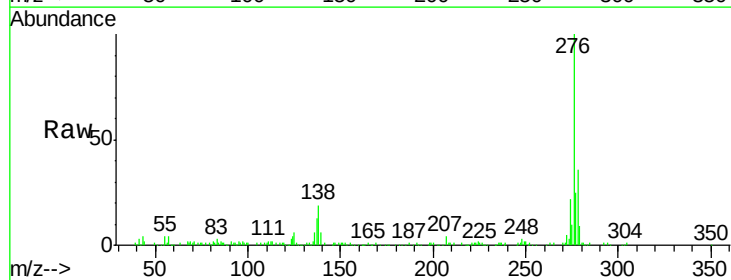
Instrument :
BNA_F
ClientSampleId :
SB-P3WC-06(6-13)

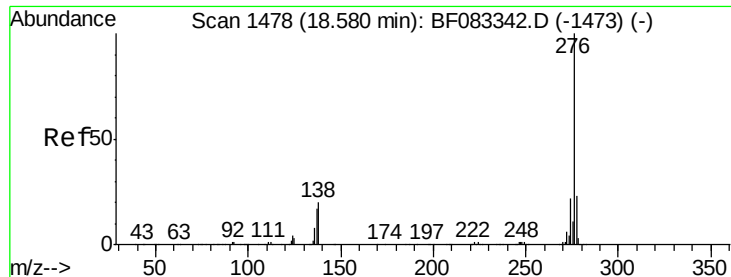
Tgt Ion:252 Resp: 811257
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.9 7.8 11.8



#90
Dibenzo(a,h)anthracene
Concen: 4.40 ng
RT: 18.18 min Scan# 1443
Delta R.T. -0.05 min
Lab File: BF083435.D
Acq: 2 Dec 2015 23:51

Tgt Ion:278 Resp: 83704
Ion Ratio Lower Upper
278 100
139 17.8 13.1 19.7
279 24.7 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 20.64 ng

RT: 18.53 min Scan# 1474

Delta R.T. -0.05 min

Lab File: BF083435.D

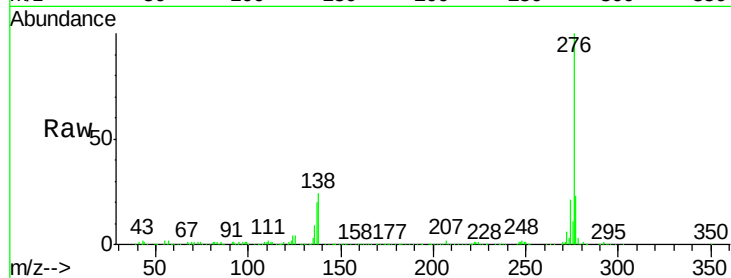
Acq: 2 Dec 2015 23:51

Instrument :

BNA_F

ClientSampleId :

SB-P3WC-06(6-13)



Tgt Ion: 276 Resp: 385240

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 23.8 16.1 24.1

