

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030817\
 Data File : BF093446.D
 Acq On : 8 Mar 2017 23:23
 Operator : SJ/MA
 Sample : I2106-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB414

Quant Time: Mar 09 00:07:09 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	178918	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	682186	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	282619	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	423440	20.00	ng	0.01
75) Chrysene-d12	13.93	240	290871	20.00	ng	0.01
86) Perylene-d12	15.36	264	290142	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1218302	113.33	ng	0.01
7) Phenol-d6	6.42	99	1584140	116.86	ng	0.01
23) Nitrobenzene-d5	7.34	82	994641	80.90	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	208193	113.07	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1339480	88.16	ng	0.00
78) Terphenyl-d14	12.87	244	793624	70.94	ng	0.00

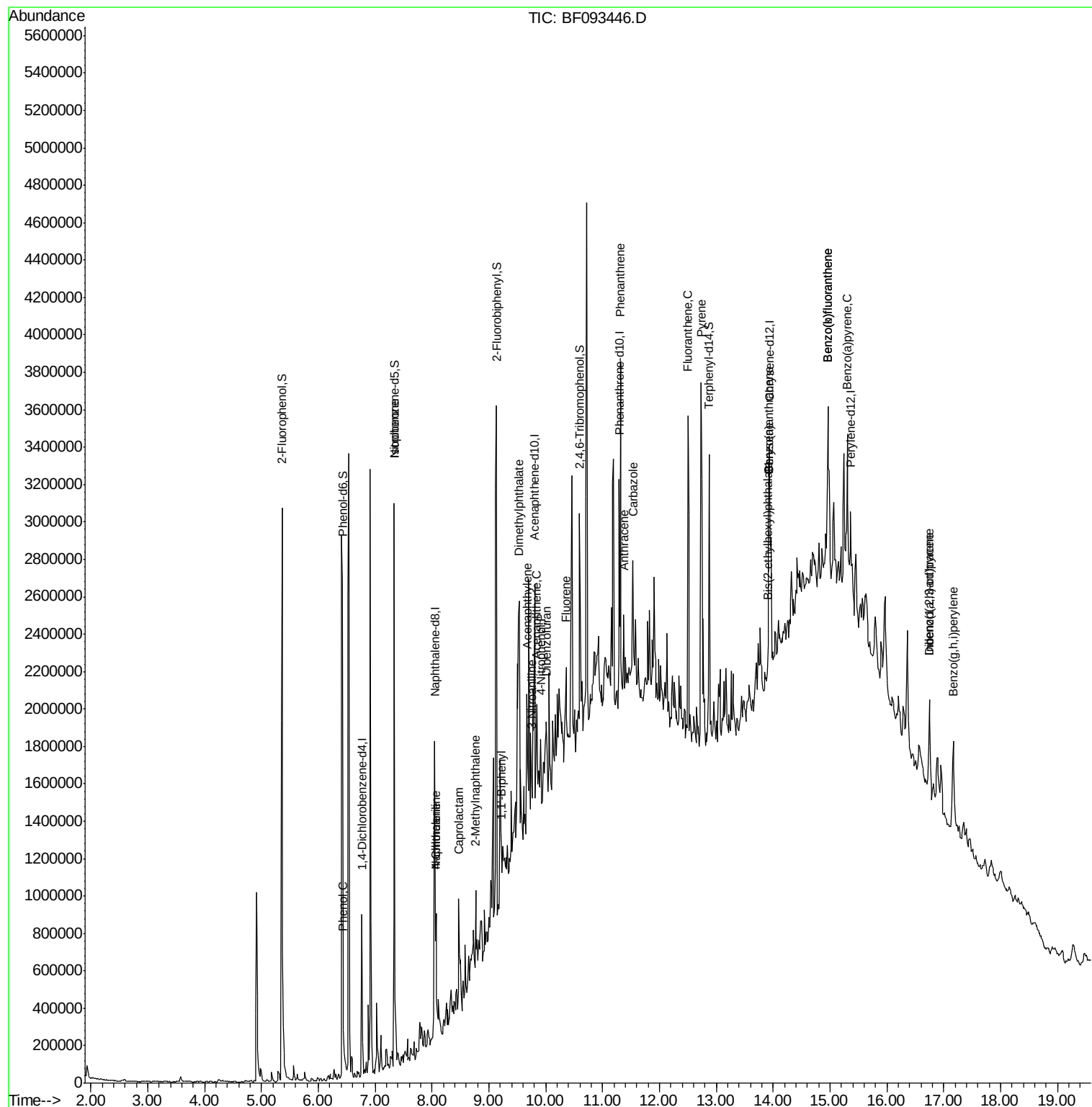
Target Compounds				Qvalue		
9) Benzaldehyde	6.28	77	2899	Below Cal	#	1
10) Phenol	6.44	94	100358	6.04	ng	74
25) Isophorone	7.34	82	992570	40.03	ng	65
31) Naphthalene	8.07	128	292764	8.56	ng	99
33) 4-Chloroaniline	8.07	127	41930	3.02	ng	39
35) Caprolactam	8.47	113	13944	4.23	ng	1
37) 2-Methylnaphthalene	8.77	142	132420	6.09	ng	98
45) 1,1'-Biphenyl	9.22	154	44591	2.17	ng	94
48) Acenaphthylene	9.67	152	156738	6.03	ng	92
49) Dimethylphthalate	9.53	163	162233	8.66	ng	98
51) Acenaphthene	9.84	154	46240	3.01	ng	85
52) 3-Nitroaniline	9.75	138	15835	3.21	ng	12
54) Dibenzofuran	10.01	168	118655	6.17	ng	98
55) 4-Nitrophenol	9.91	139	6283	2.62	ng	1
57) Fluorene	10.36	166	105190	6.45	ng	93
70) Phenanthrene	11.32	178	733966	30.37	ng	99
71) Anthracene	11.37	178	311632	12.75	ng	97
72) Carbazole	11.53	167	74149	3.23	ng	87
74) Fluoranthene	12.51	202	1037626	44.44	ng	97
77) Pyrene	12.73	202	1208949	57.15	ng	99
80) Benzo(a)anthracene	13.92	228	574669	33.46	ng	94
82) Chrysene	13.92	228	574669	36.16	ng	94
83) Bis(2-ethylhexyl)phthalate	13.91	149	29931	2.41	ng	84
85) Indeno(1,2,3-cd)pyrene	16.75	276	363842	27.35	ng	95
87) Benzo(b)fluoranthene	14.96	252	883804	50.02	ng	96
88) Benzo(k)fluoranthene	14.96	252	883804	51.86	ng	95
89) Benzo(a)pyrene	15.31	252	556485	34.46	ng	94
90) Dibenzo(a,h)anthracene	16.75	278	85578	6.41	ng	80
91) Benzo(g,h,i)perylene	17.17	276	421109	30.71	ng	87

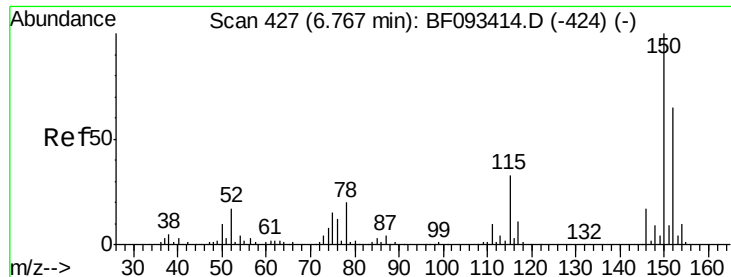
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

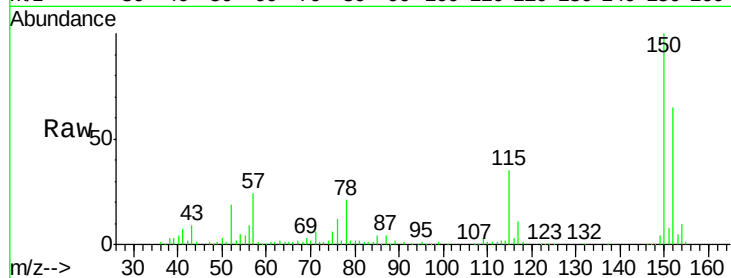
Tgt Ion:152 Resp: 178918

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

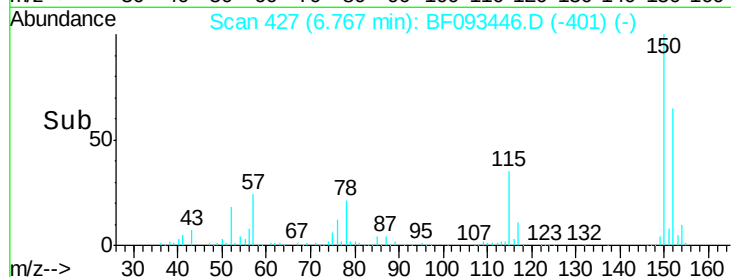
115 54.2 46.0 69.0



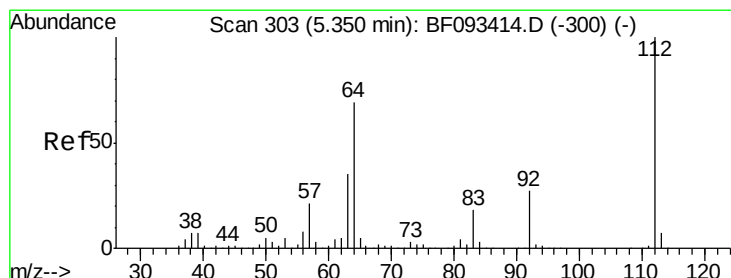
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Time-->



#5

2-Fluorophenol

Concen: 113.33 ng

RT: 5.36 min Scan# 304

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

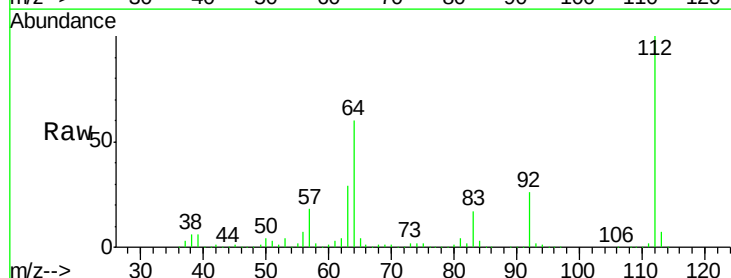
Tgt Ion:112 Resp: 1218302

Ion Ratio Lower Upper

112 100

64 59.7 46.1 69.1

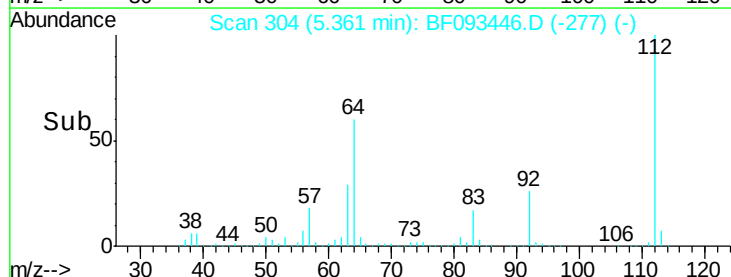
63 29.5 23.8 35.6



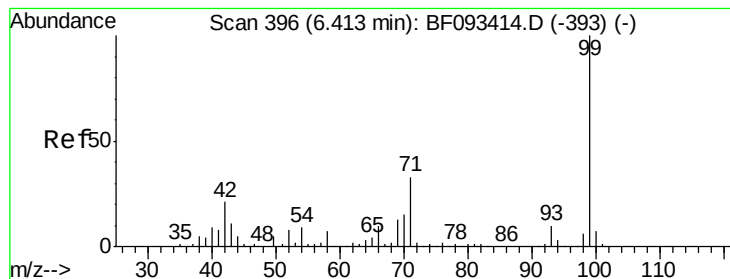
Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



Time-->



#7

Phenol-d6

Concen: 116.86 ng

RT: 6.42 min Scan# 397

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

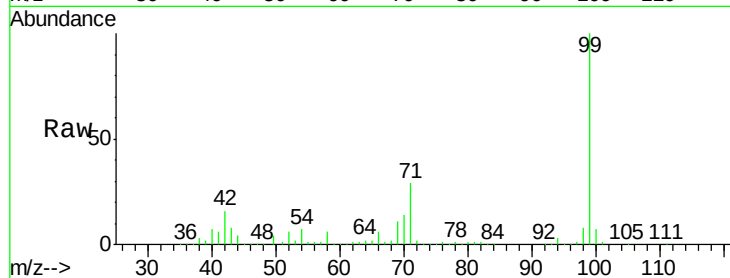
Tgt Ion: 99 Resp: 1584140

Ion Ratio Lower Upper

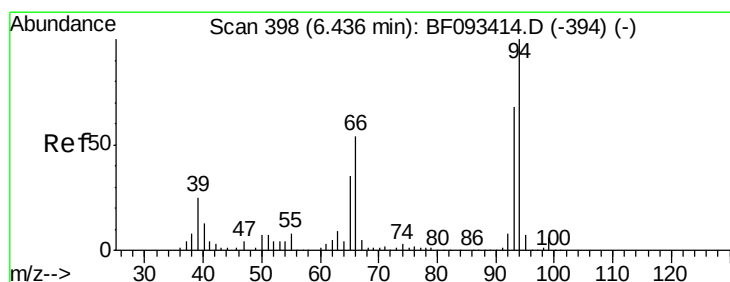
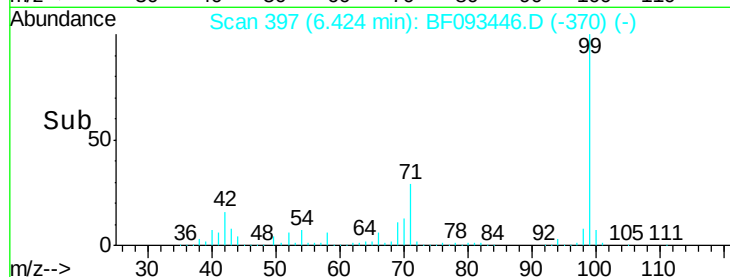
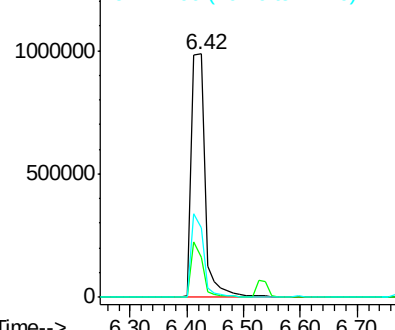
99 100

42 16.2 15.6 23.4

71 28.5 27.5 41.3



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



#10

Phenol

Concen: 6.04 ng

RT: 6.44 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

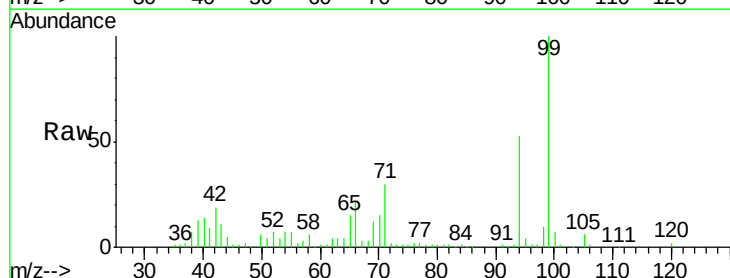
Tgt Ion: 94 Resp: 100358

Ion Ratio Lower Upper

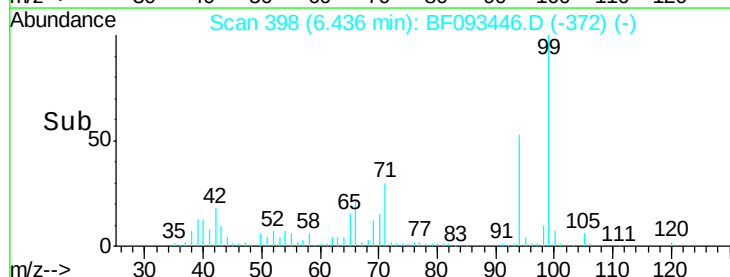
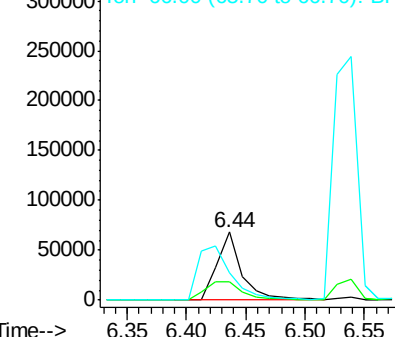
94 100

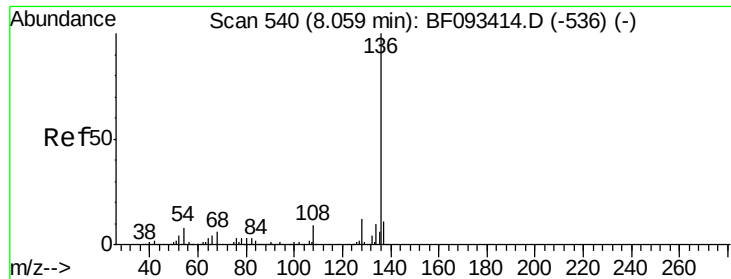
65 27.9 21.4 61.4

66 40.8 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

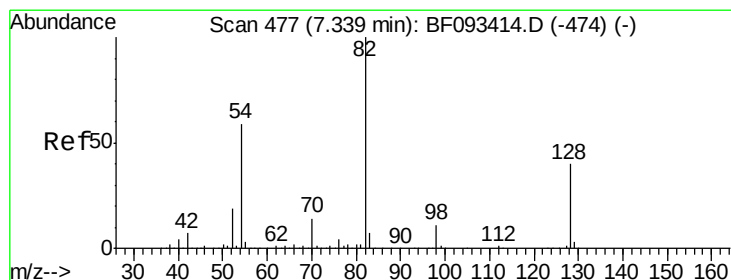
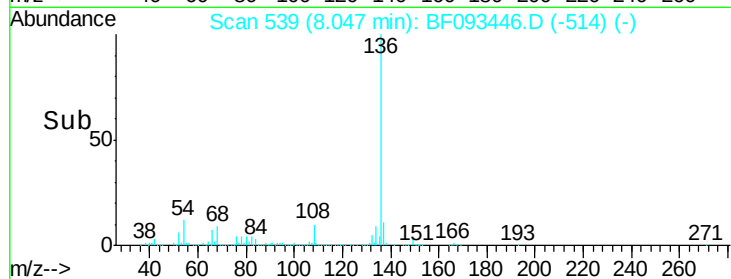
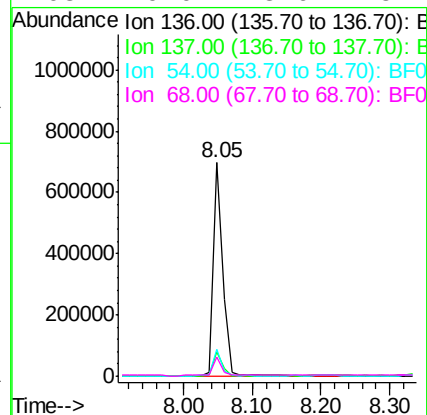
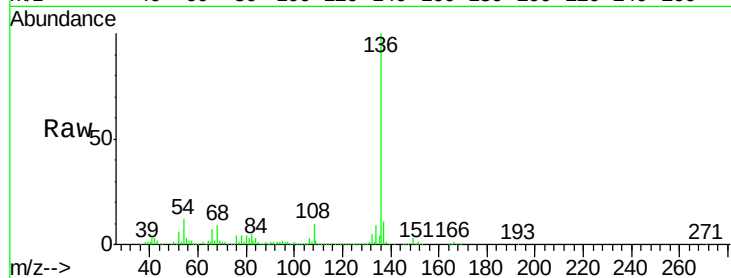




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 539
Delta R.T. -0.01 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

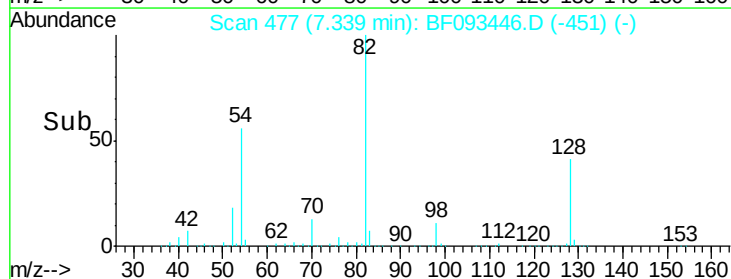
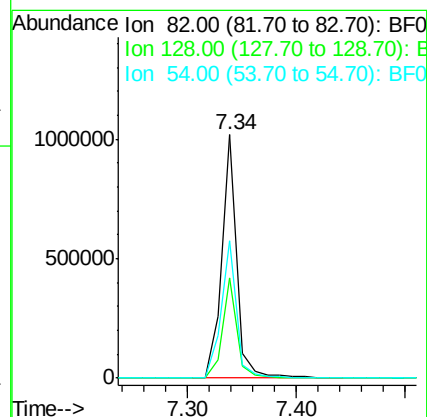
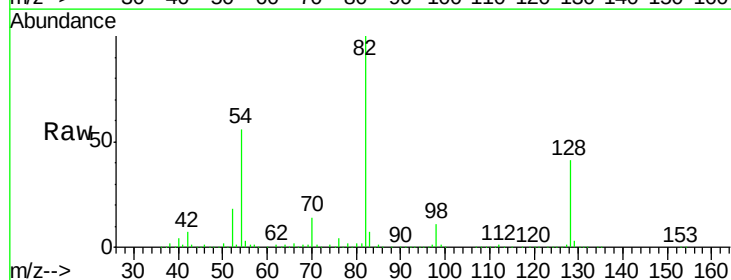
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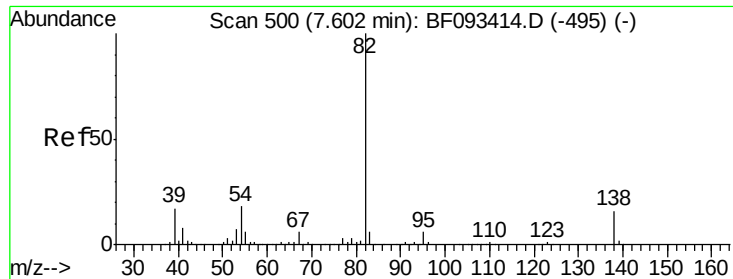
Tgt Ion:	136	Resp:	682186
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	12.5	4.5	6.7#
68	9.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 80.90 ng
RT: 7.34 min Scan# 477
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:	82	Resp:	994641
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	56.4	39.5	59.3





#25

Isophorone

Concen: 40.03 ng

RT: 7.34 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

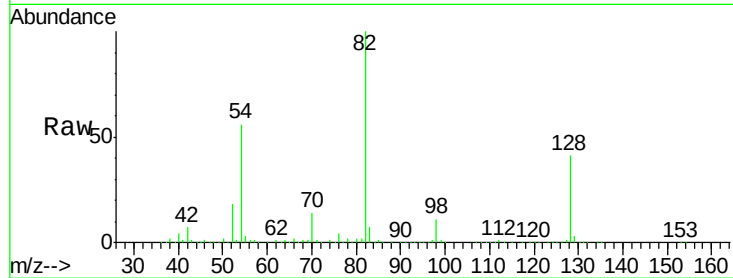
Tgt Ion: 82 Resp: 992570

Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

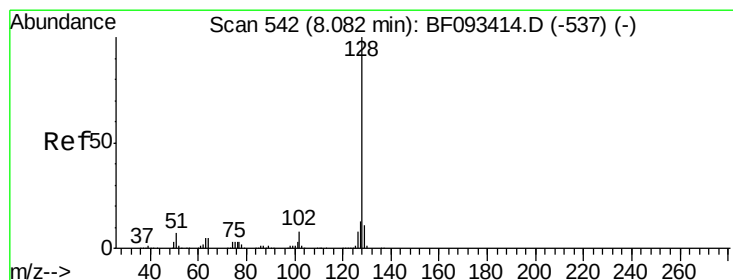
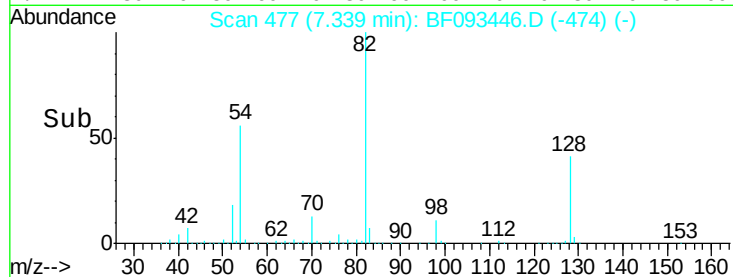
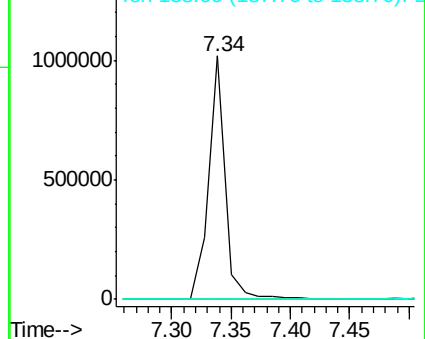
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 8.56 ng

RT: 8.07 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

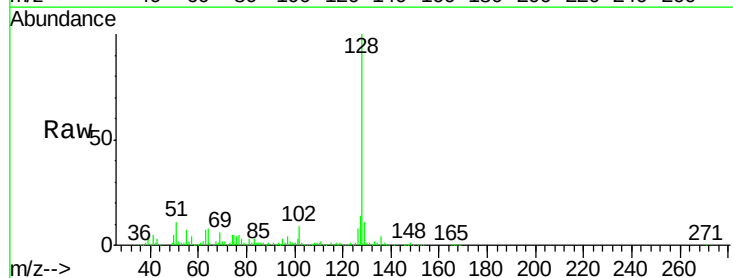
Tgt Ion: 128 Resp: 292764

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

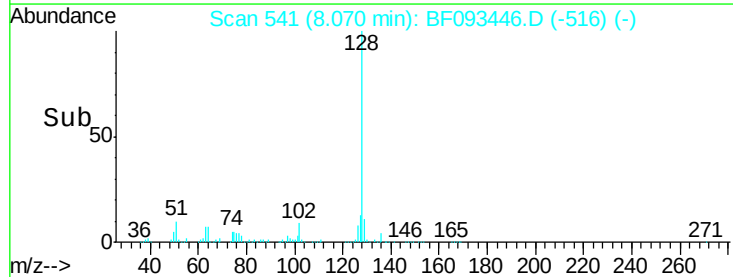
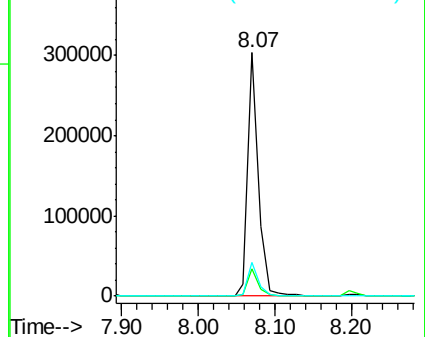
127 13.6 10.8 16.2

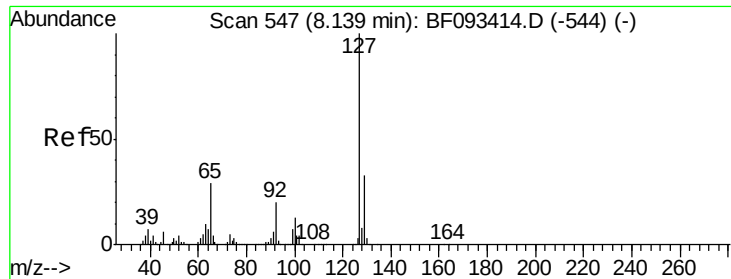


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

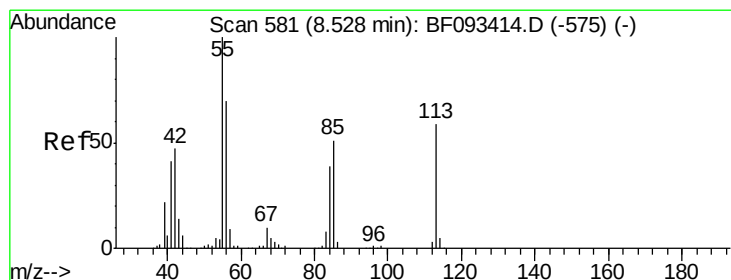
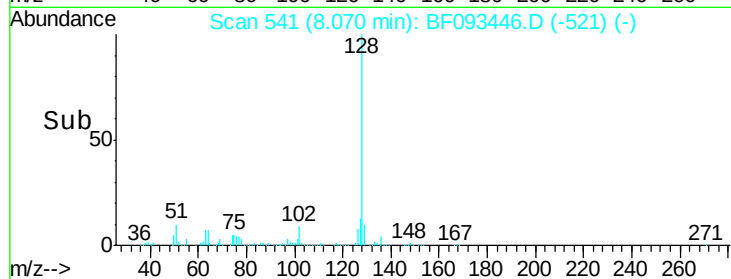
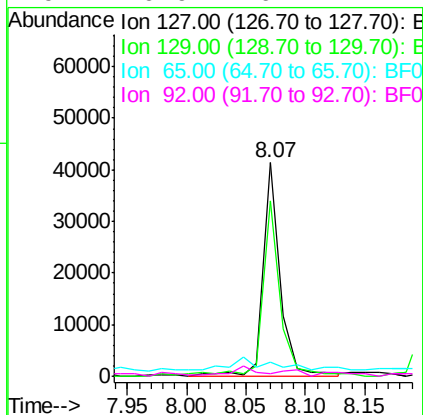
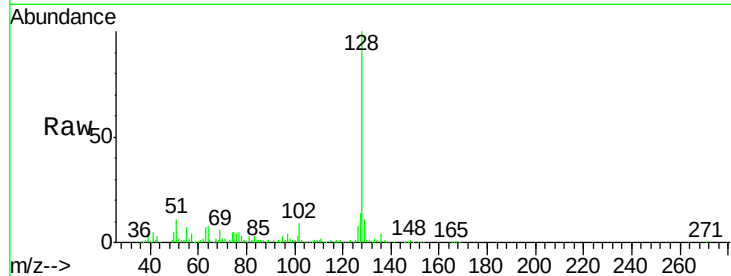




#33
4-Chloroaniline
Concen: 3.02 ng
RT: 8.07 min Scan# 541
Delta R.T. -0.07 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

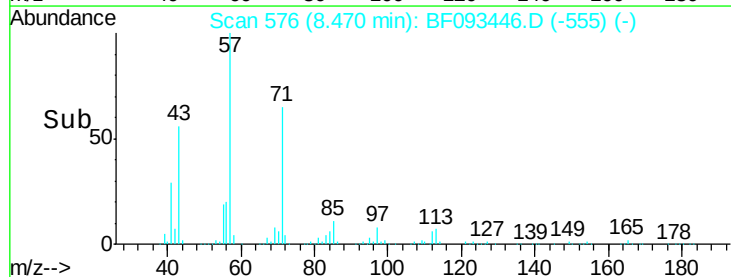
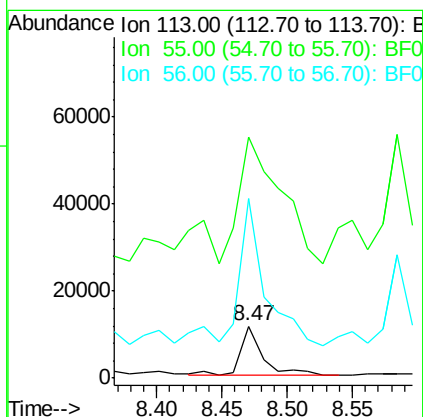
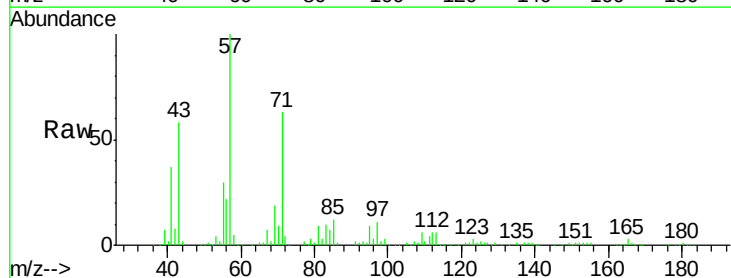
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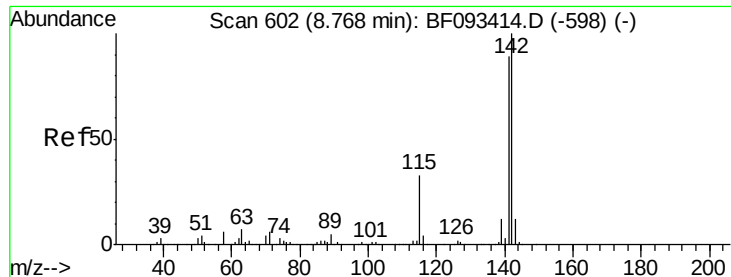
Tgt Ion:	127	Resp:	41930
Ion	Ratio	Lower	Upper
127	100		
129	81.9	26.3	39.5#
65	6.8	25.8	38.8#
92	0.9	16.1	24.1#



#35
Caprolactam
Concen: 4.23 ng
RT: 8.47 min Scan# 576
Delta R.T. -0.06 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:	113	Resp:	13944
Ion	Ratio	Lower	Upper
113	100		
55	466.7	119.2	159.2#
56	349.1	83.8	123.8#

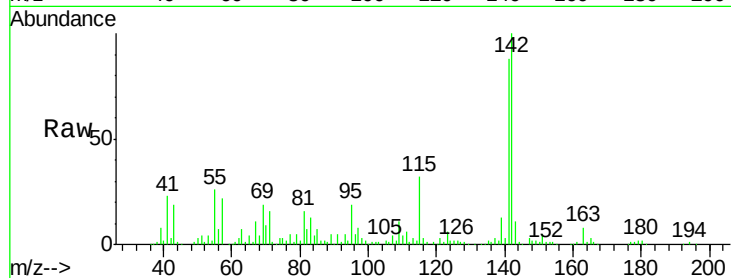




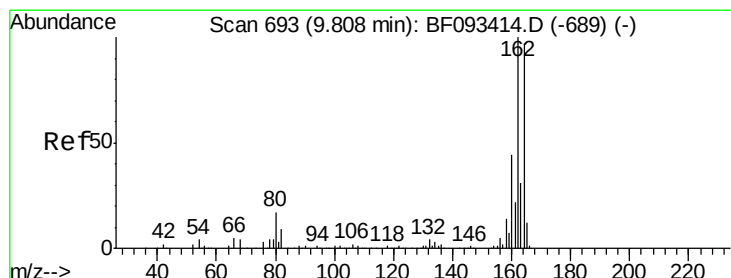
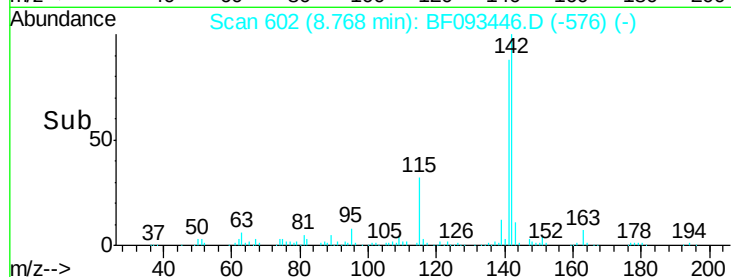
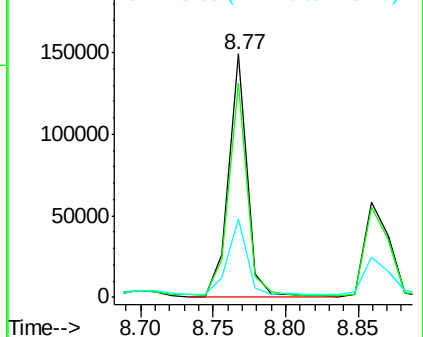
#37
 2-Methylnaphthalene
 Concen: 6.09 ng
 RT: 8.77 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

Instrument :
 BNA_F
 ClientSampleId :
 HY-SB414

Tgt Ion:142 Resp: 132420
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.0 106.6
 115 32.0 28.3 42.5

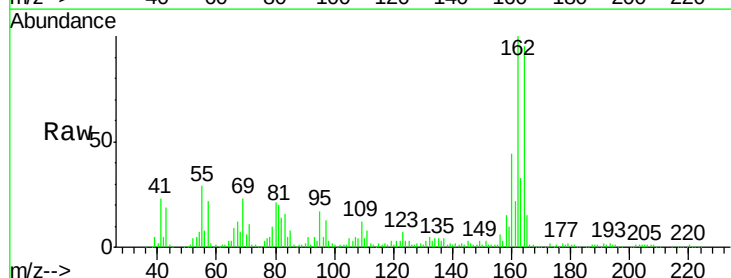


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

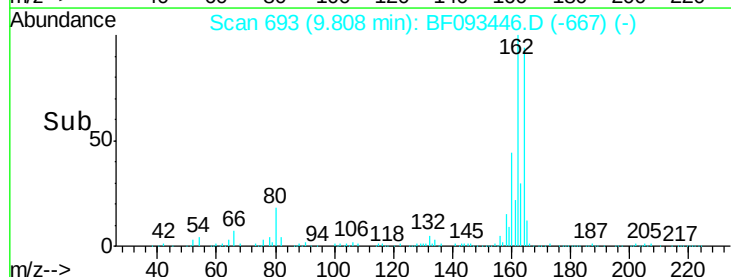
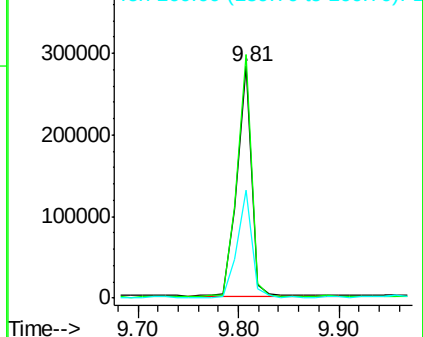


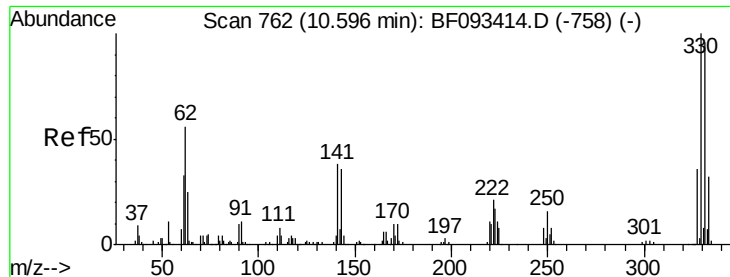
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.81 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

Tgt Ion:164 Resp: 282619
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 46.5 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

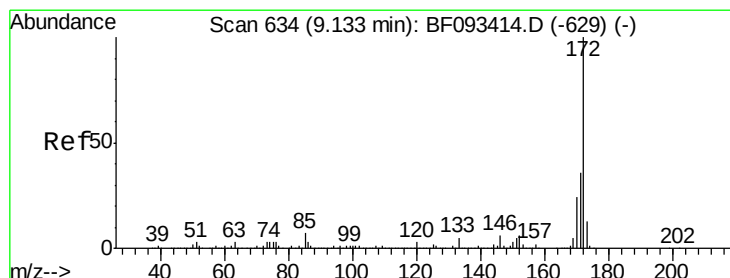
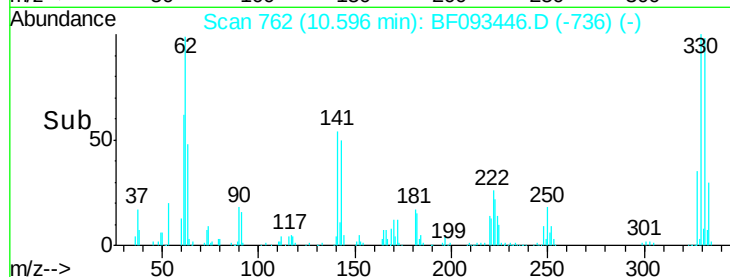
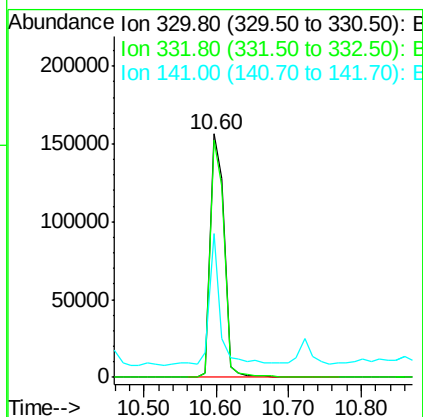
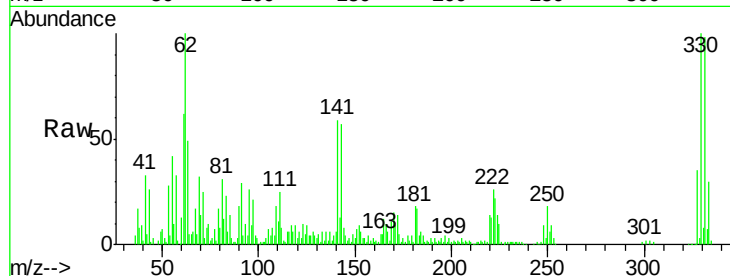




#41
 2,4,6-Tribromophenol
 Concen: 113.07 ng
 RT: 10.60 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

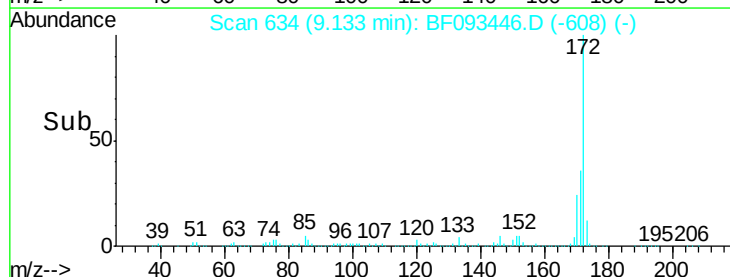
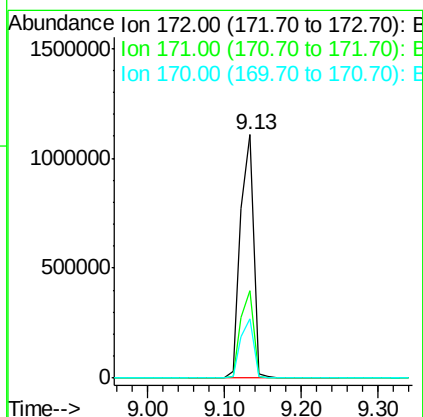
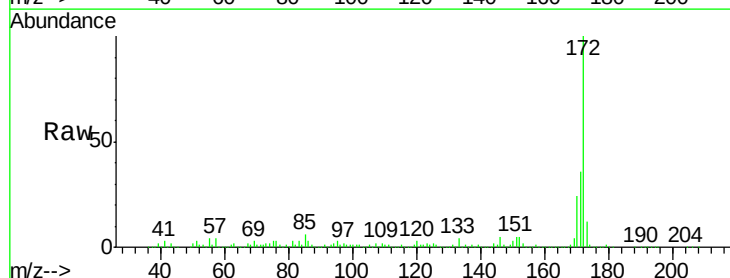
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB414

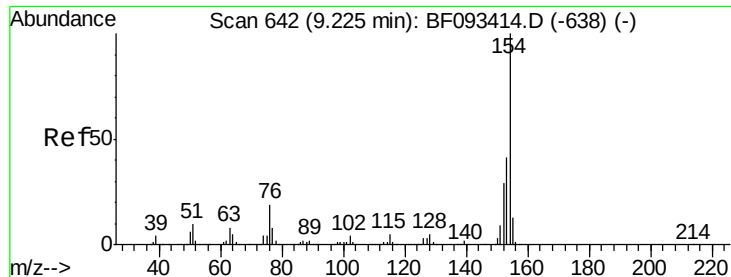
Tgt Ion:330 Resp: 208193
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 42.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 88.16 ng
 RT: 9.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

Tgt Ion:172 Resp: 1339480
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 20.2 30.4





#45

1,1'-Biphenyl

Concen: 2.17 ng

RT: 9.22 min Scan# 642

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

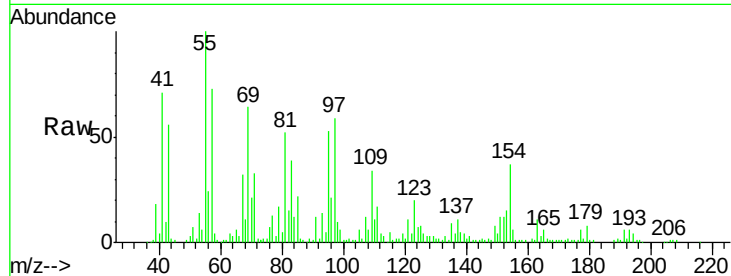
Tgt Ion:154 Resp: 44591

Ion Ratio Lower Upper

154 100

153 40.5 20.9 60.9

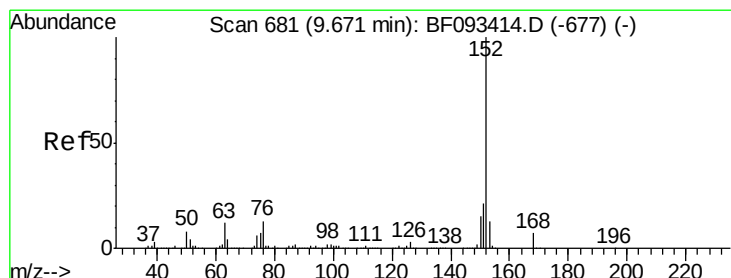
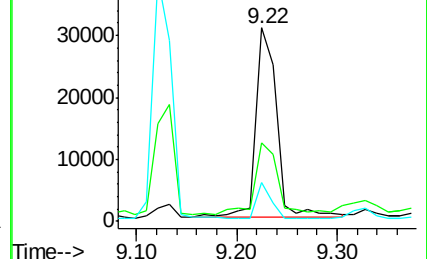
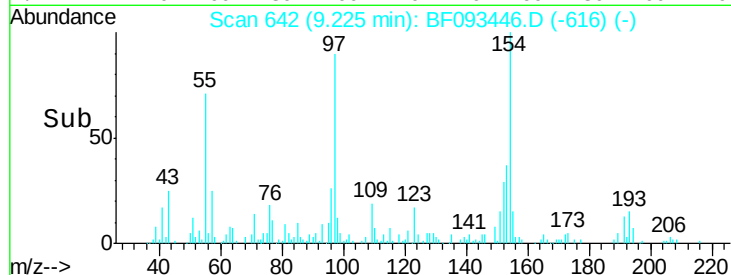
76 20.4 0.0 30.5



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: 6.03 ng

RT: 9.67 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

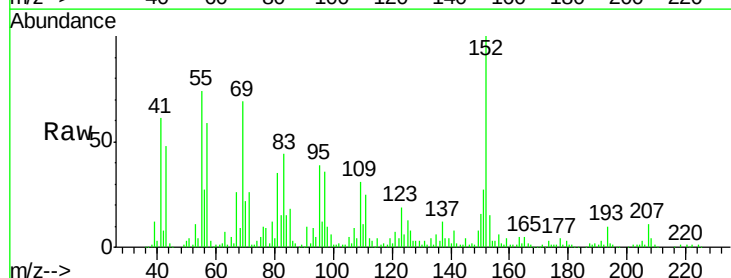
Tgt Ion:152 Resp: 156738

Ion Ratio Lower Upper

152 100

151 26.9 16.9 25.3#

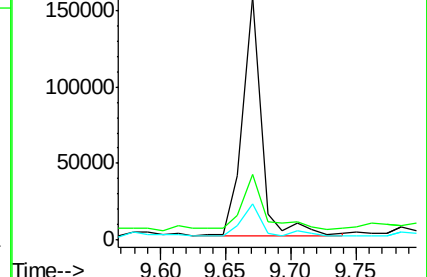
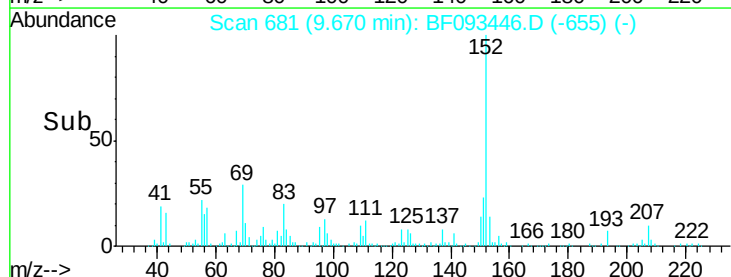
153 14.6 11.4 17.2

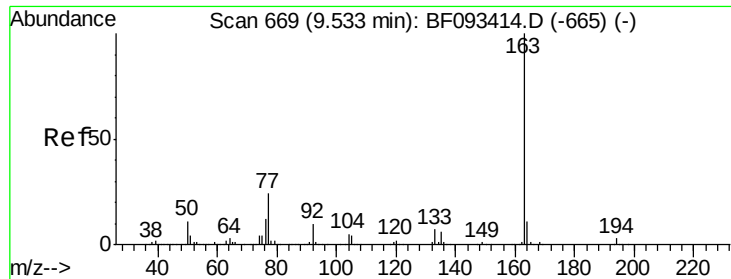


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E

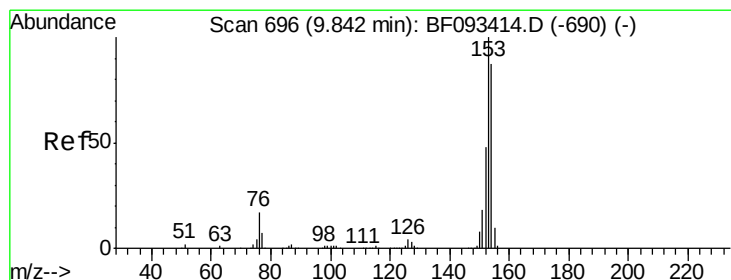
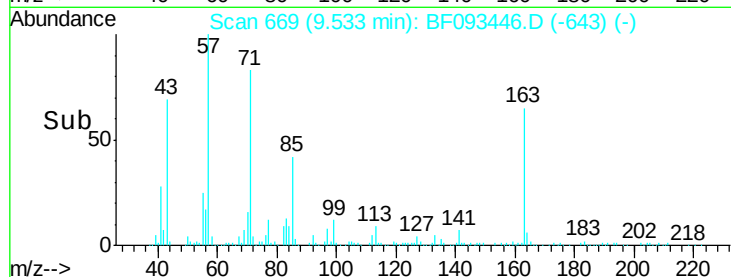
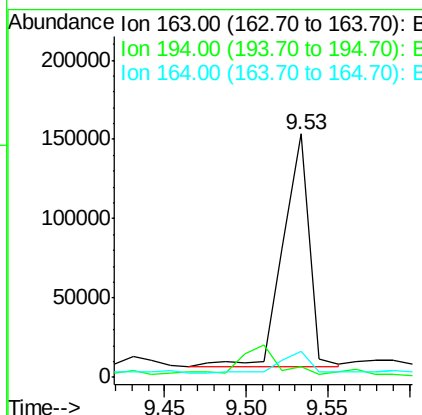
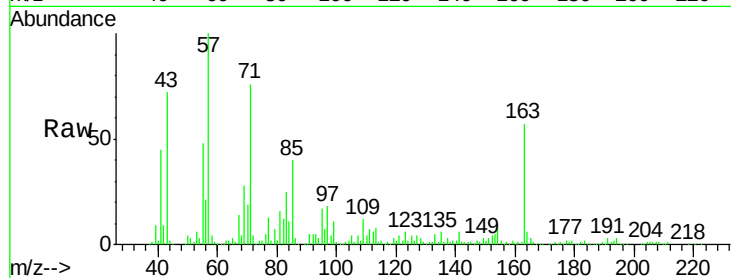




#49
Dimethylphthalate
Concen: 8.66 ng
RT: 9.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

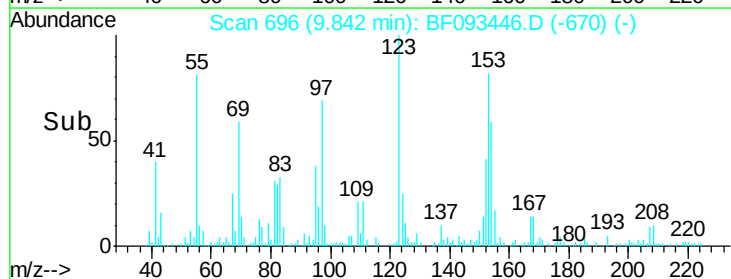
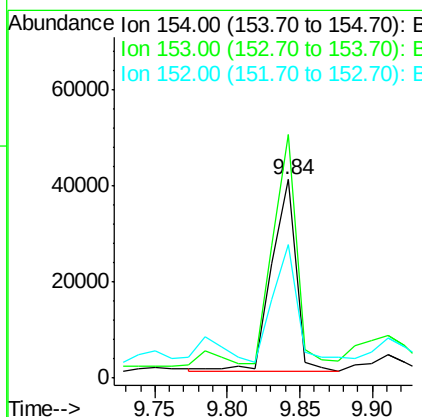
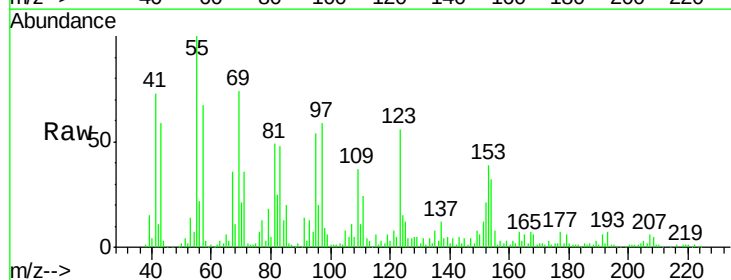
Instrument :
BNA_F
ClientSampleId :
HY-SB414

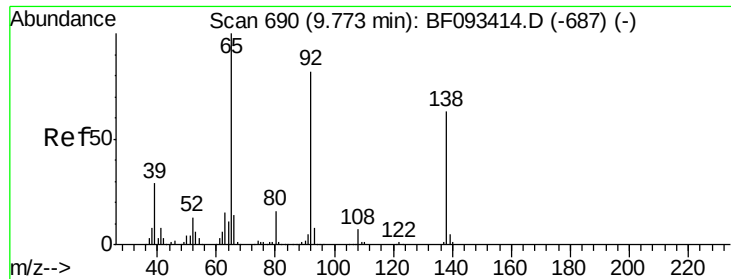
Tgt Ion:163 Resp: 162233
Ion Ratio Lower Upper
163 100
194 4.5 3.0 4.4#
164 10.6 8.0 12.0



#51
Acenaphthene
Concen: 3.01 ng
RT: 9.84 min Scan# 696
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:154 Resp: 46240
Ion Ratio Lower Upper
154 100
153 122.9 88.6 133.0
152 67.1 41.6 62.4#





#52

3-Nitroaniline

Concen: 3.21 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

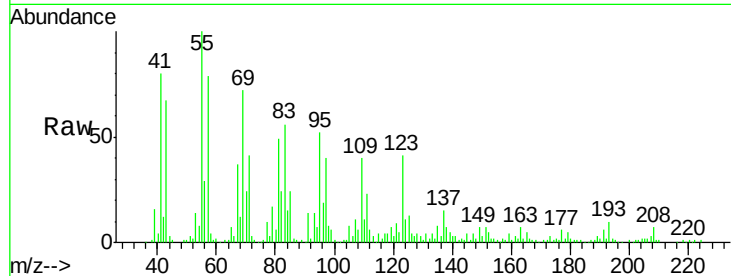
Tgt Ion:138 Resp: 15835

Ion Ratio Lower Upper

138 100

108 82.7 8.5 12.7#

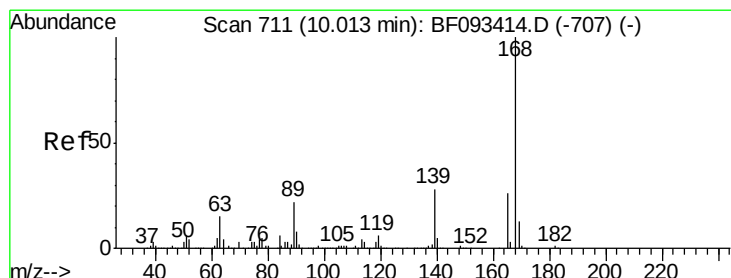
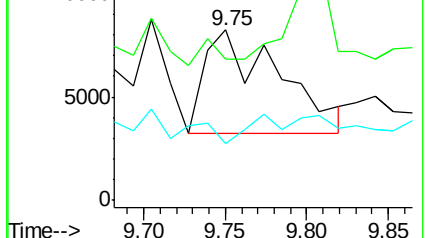
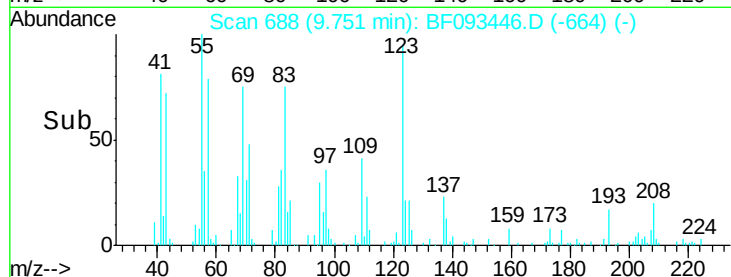
92 33.4 97.8 146.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#54

Dibenzofuran

Concen: 6.17 ng

RT: 10.01 min Scan# 711

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

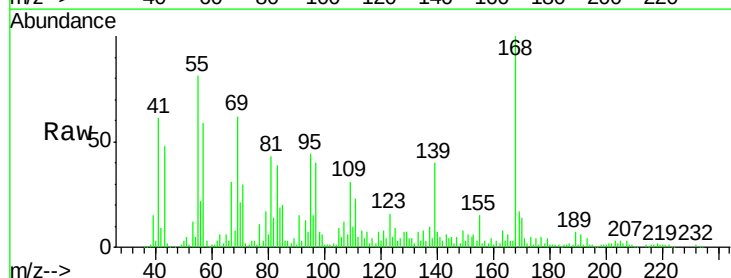
Tgt Ion:168 Resp: 118655

Ion Ratio Lower Upper

168 100

139 40.0 32.6 49.0

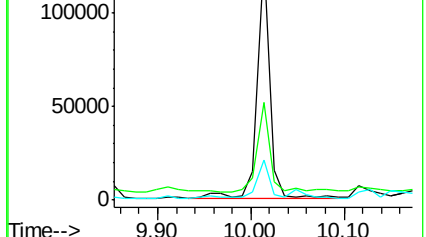
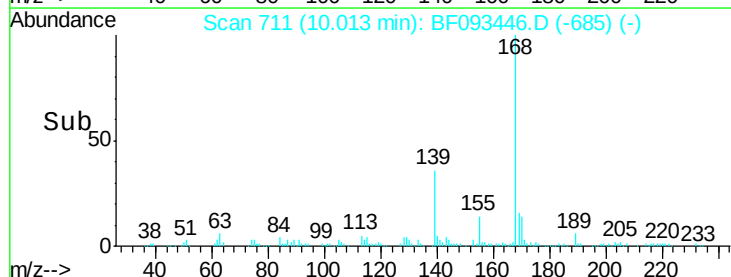
169 16.6 11.3 16.9

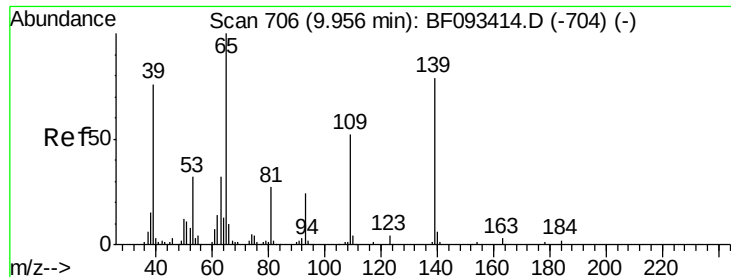


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 2.62 ng

RT: 9.91 min Scan# 702

Delta R.T. -0.05 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

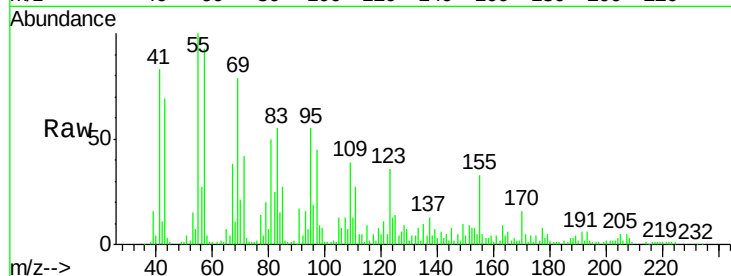
Tgt Ion:139 Resp: 6283

Ion Ratio Lower Upper

139 100

109 592.9 52.2 92.2#

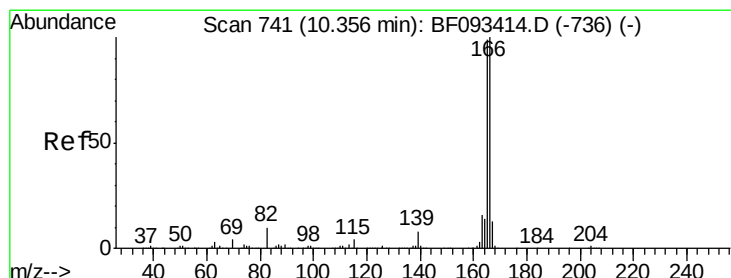
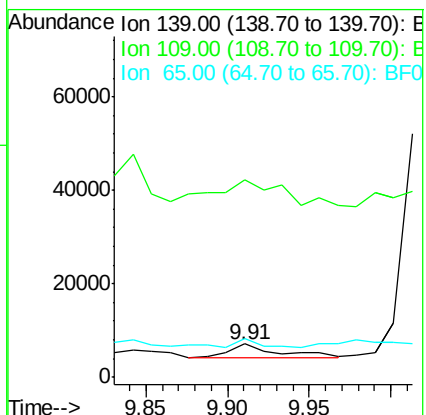
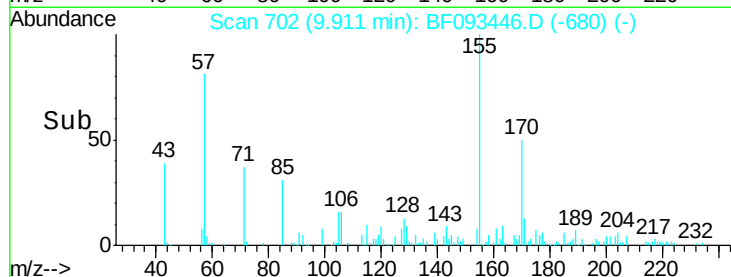
65 114.3 85.8 125.8



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: 6.45 ng

RT: 10.36 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

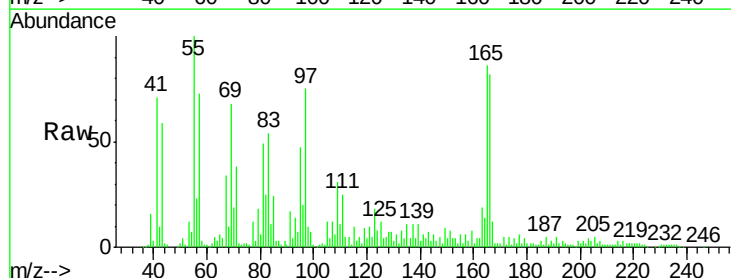
Tgt Ion:166 Resp: 105190

Ion Ratio Lower Upper

166 100

165 105.0 77.8 116.8

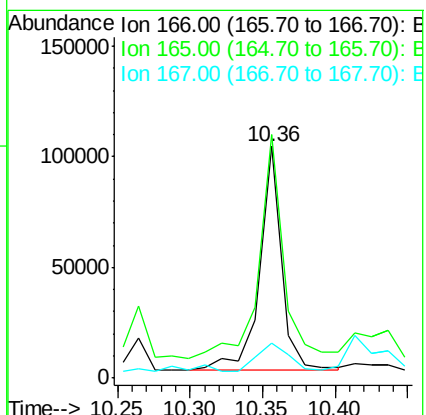
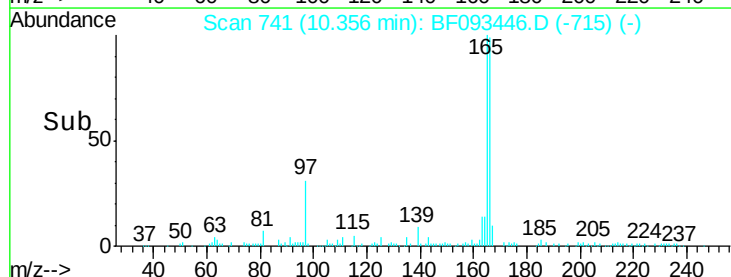
167 14.9 10.8 16.2

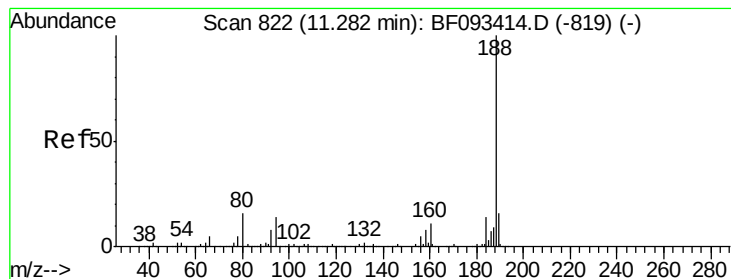


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.29 min Scan# 823

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

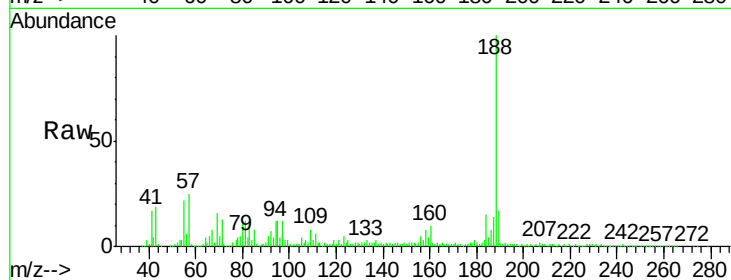
Tgt Ion:188 Resp: 423440

Ion Ratio Lower Upper

188 100

94 12.2 10.0 15.0

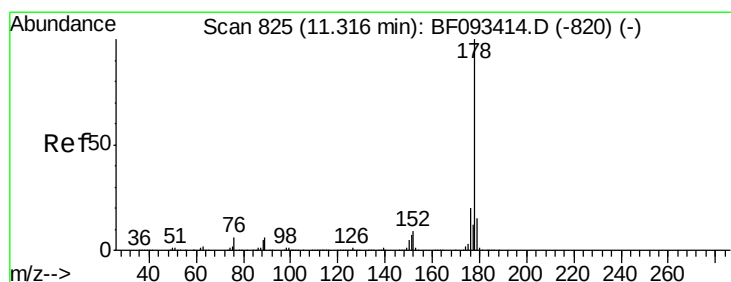
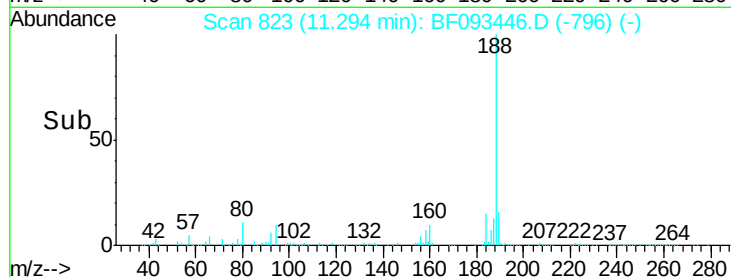
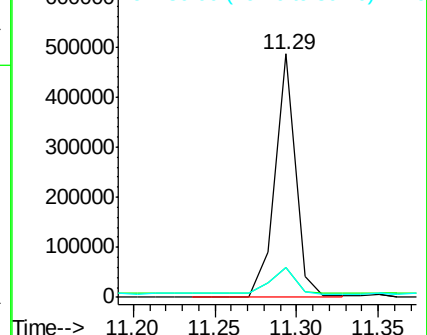
80 12.0 11.2 16.8



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



#70

Phenanthrene

Concen: 30.37 ng

RT: 11.32 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

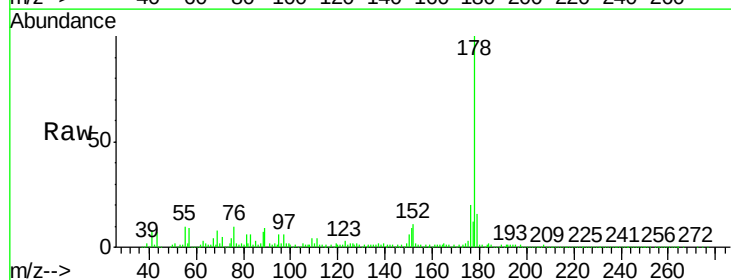
Tgt Ion:178 Resp: 733966

Ion Ratio Lower Upper

178 100

176 20.0 16.6 25.0

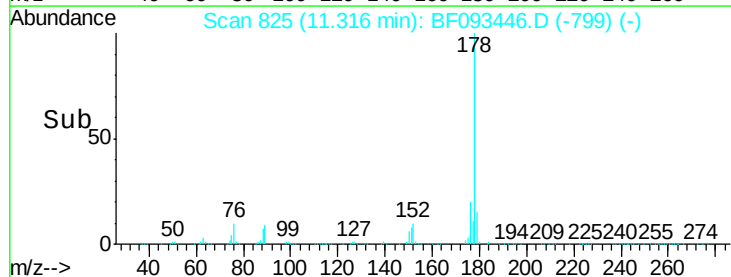
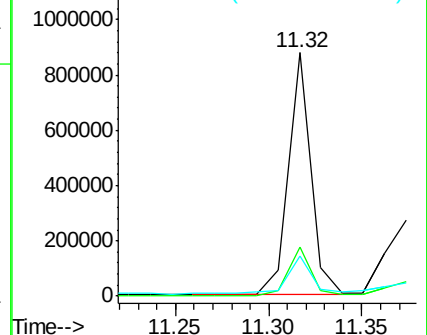
179 16.2 12.8 19.2

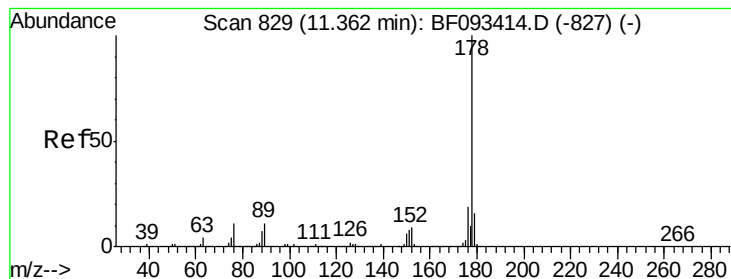


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 12.75 ng

RT: 11.37 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

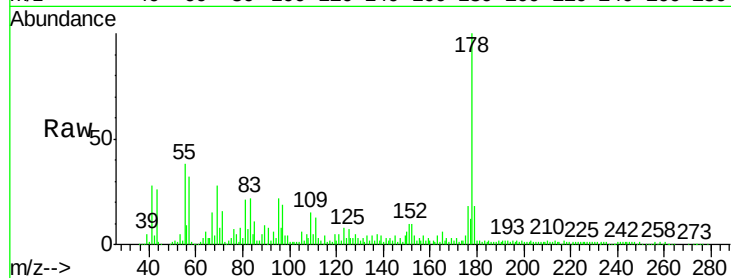
Tgt Ion:178 Resp: 311632

Ion Ratio Lower Upper

178 100

176 18.4 15.9 23.9

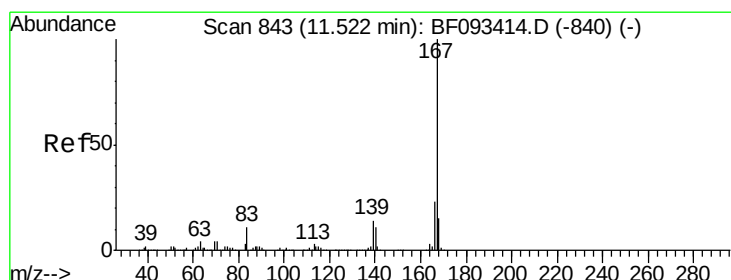
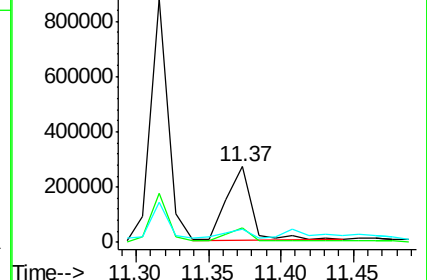
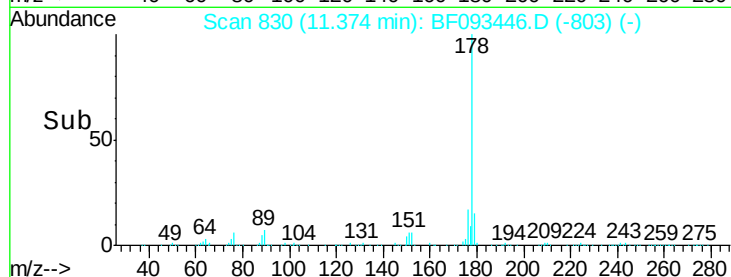
179 17.7 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 3.23 ng

RT: 11.53 min Scan# 844

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

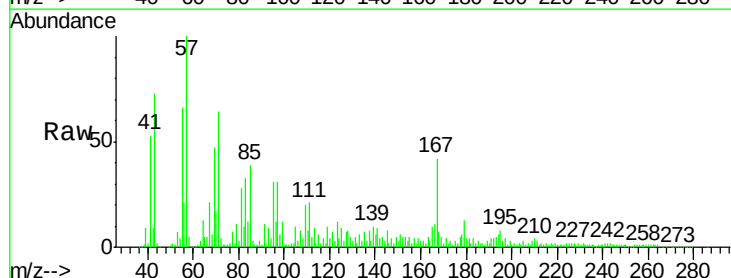
Tgt Ion:167 Resp: 74149

Ion Ratio Lower Upper

167 100

166 26.6 18.2 27.2

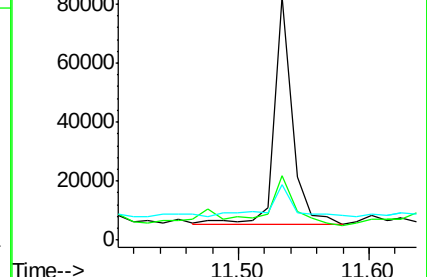
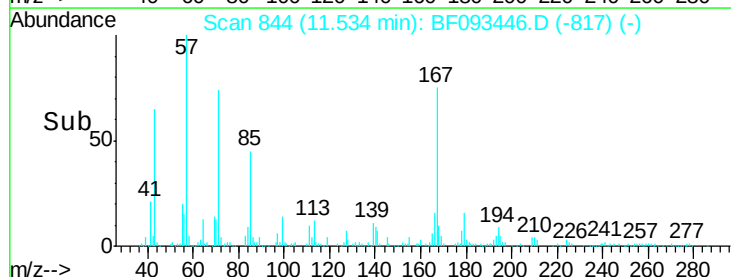
139 22.6 11.4 17.2#

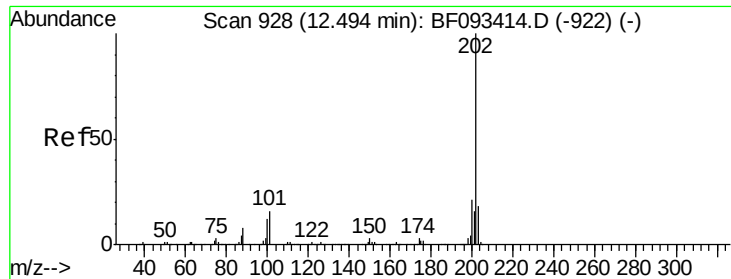


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 44.44 ng

RT: 12.51 min Scan# 929

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

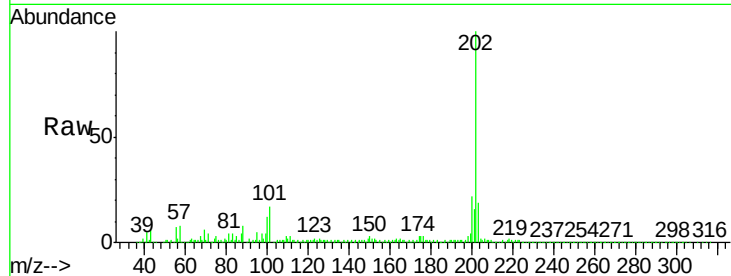
Tgt Ion:202 Resp: 1037626

Ion Ratio Lower Upper

202 100

101 16.7 0.0 34.6

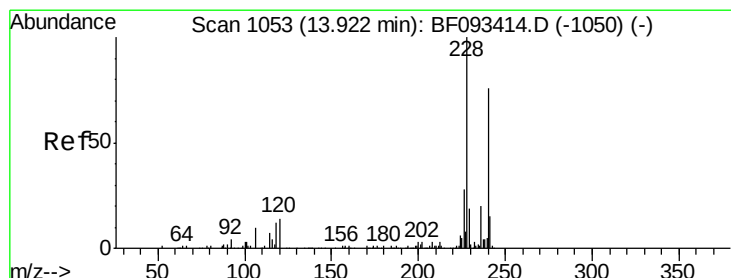
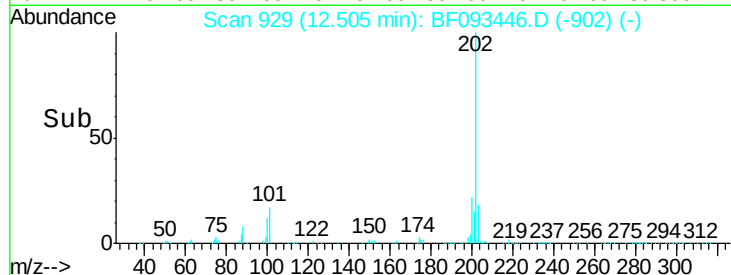
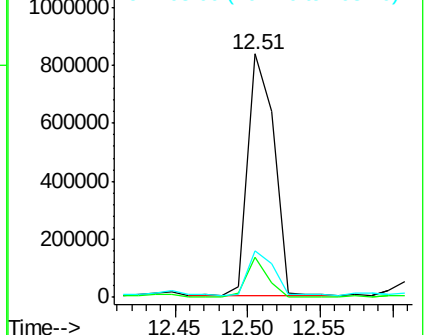
203 19.0 0.0 38.7



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: 13.93 min Scan# 1054

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

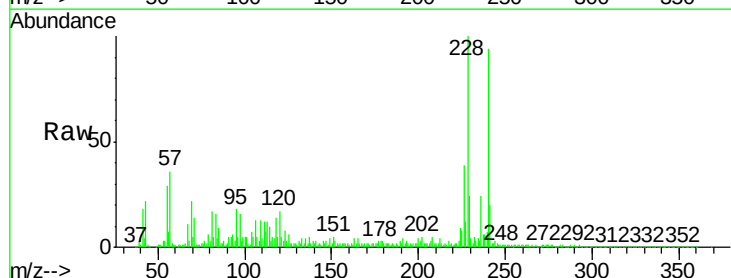
Tgt Ion:240 Resp: 290871

Ion Ratio Lower Upper

240 100

120 18.5 12.9 19.3

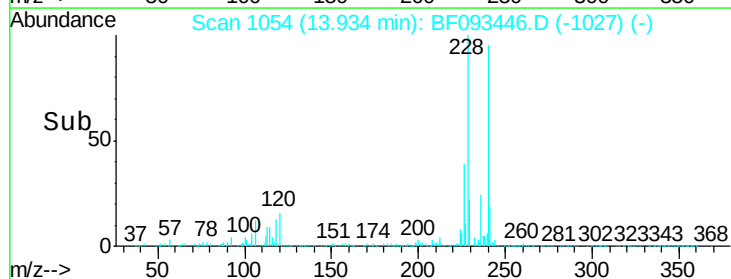
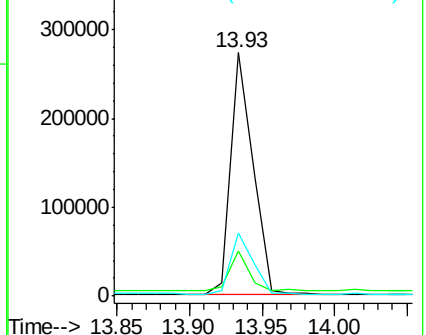
236 25.9 20.9 31.3

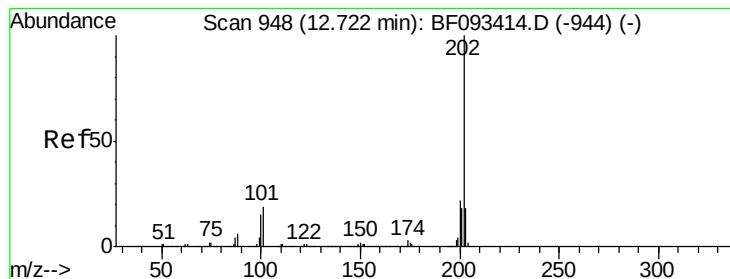


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 57.15 ng

RT: 12.73 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

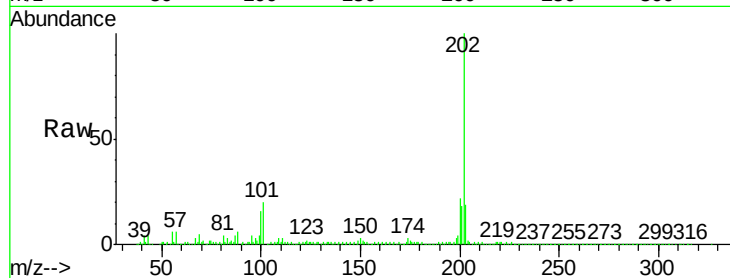
Tgt Ion:202 Resp: 1208949

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

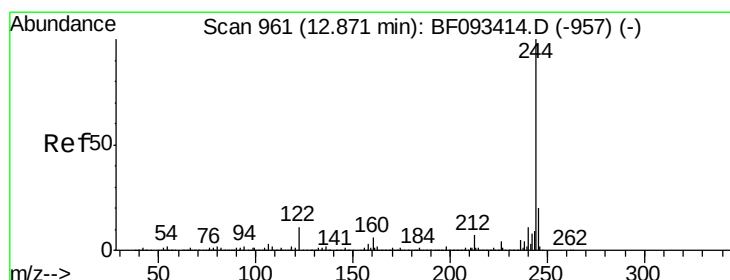
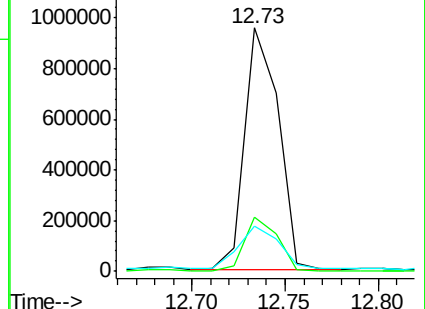
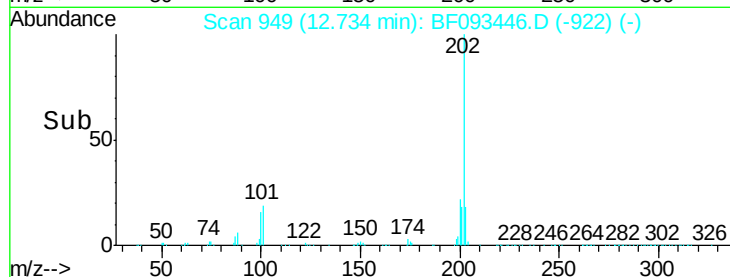
203 18.8 14.7 22.1



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: 70.94 ng

RT: 12.87 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

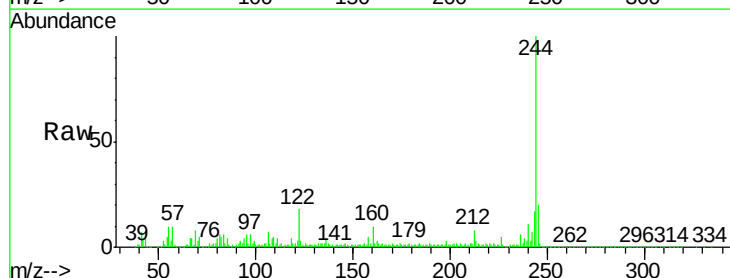
Tgt Ion:244 Resp: 793624

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

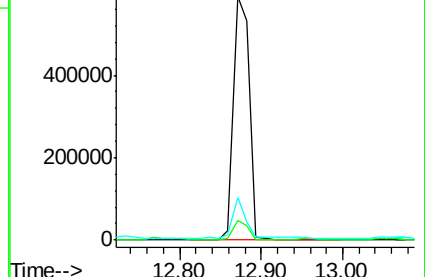
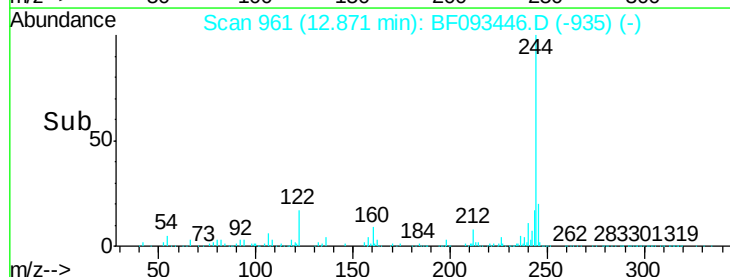
122 17.7 11.4 17.2

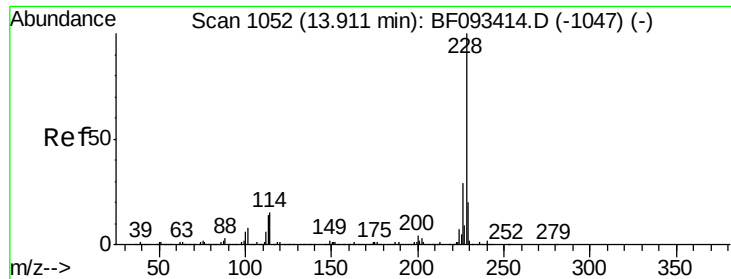


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 33.46 ng

RT: 13.92 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

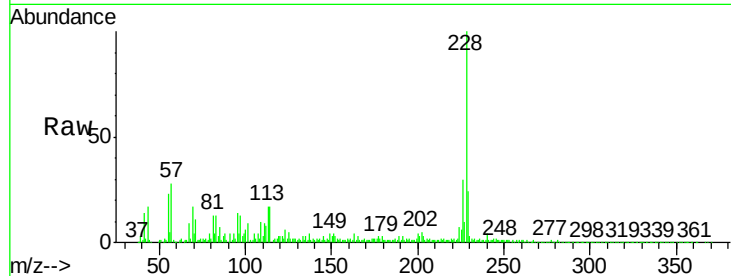
Tgt Ion:228 Resp: 574669

Ion Ratio Lower Upper

228 100

226 29.6 22.4 33.6

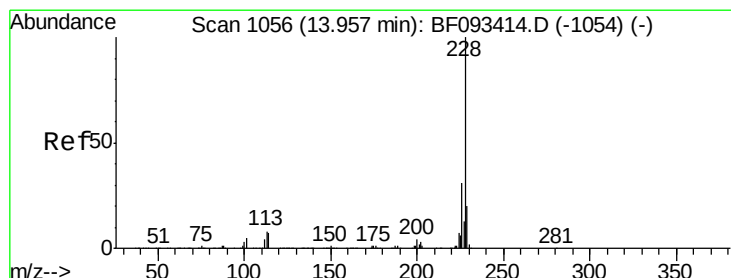
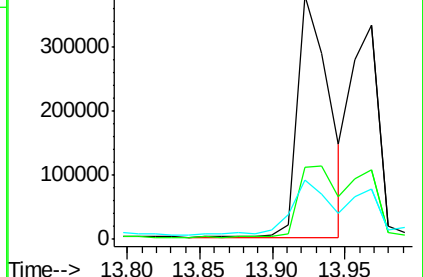
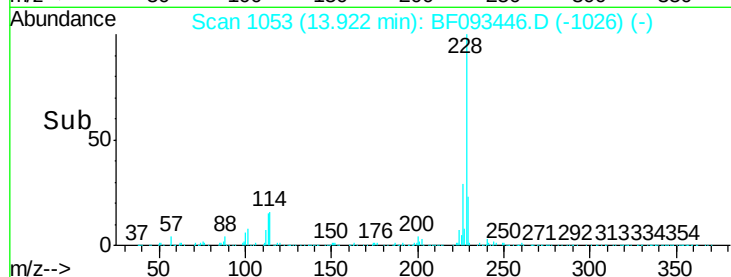
229 24.4 16.2 24.4#



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: 36.16 ng

RT: 13.92 min Scan# 1053

Delta R.T. -0.03 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

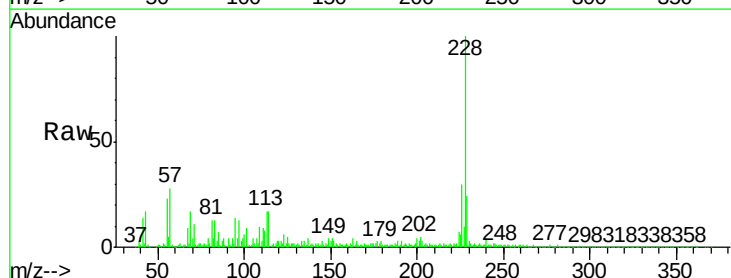
Tgt Ion:228 Resp: 574669

Ion Ratio Lower Upper

228 100

226 29.6 25.4 38.0

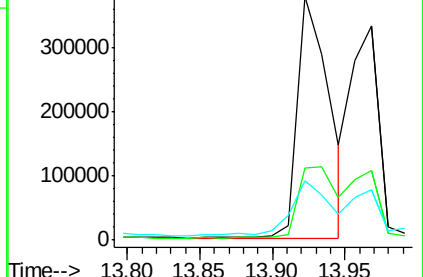
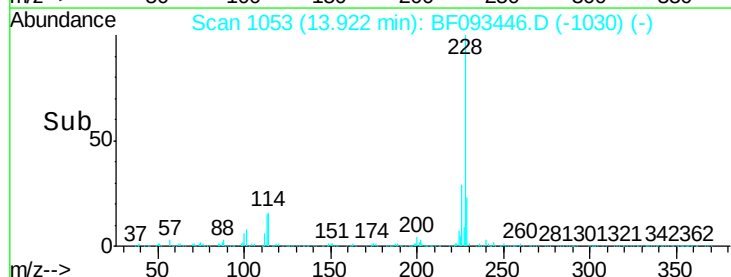
229 24.4 16.2 24.2#

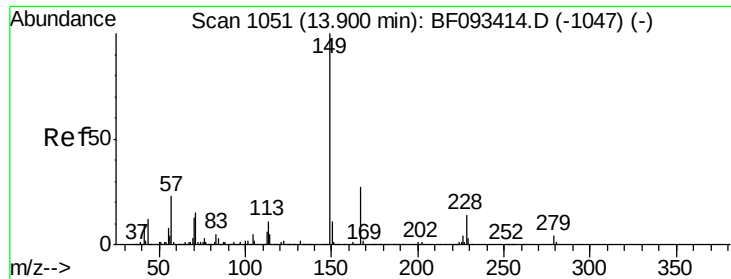


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

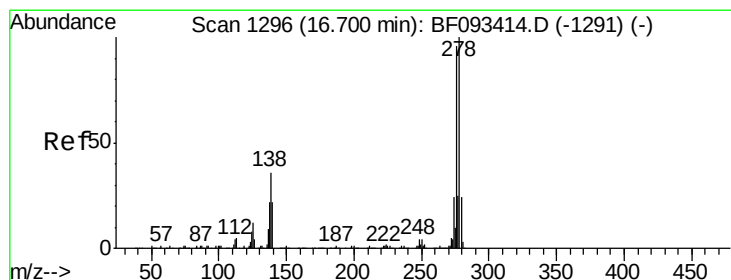
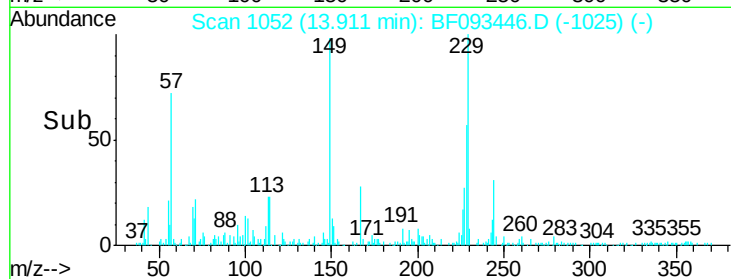
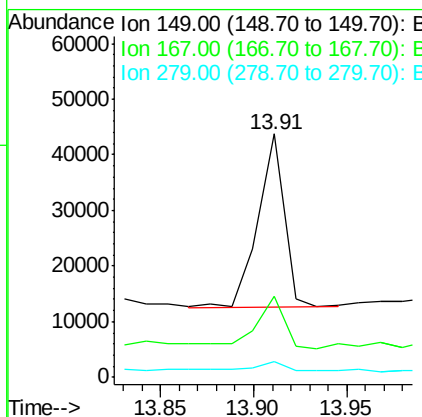
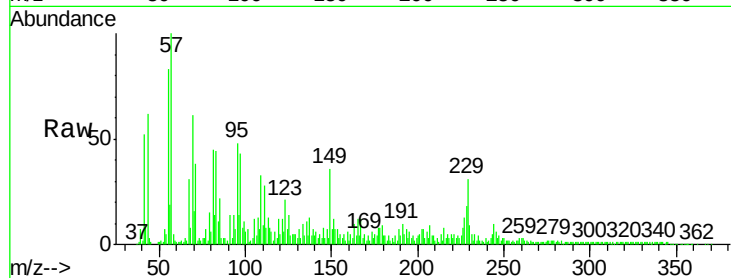




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.41 ng
 RT: 13.91 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

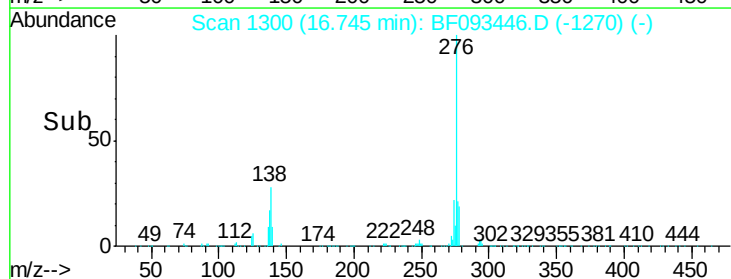
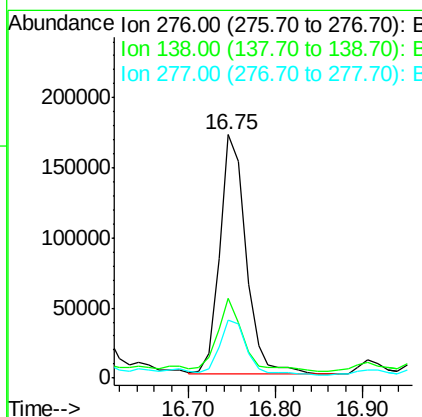
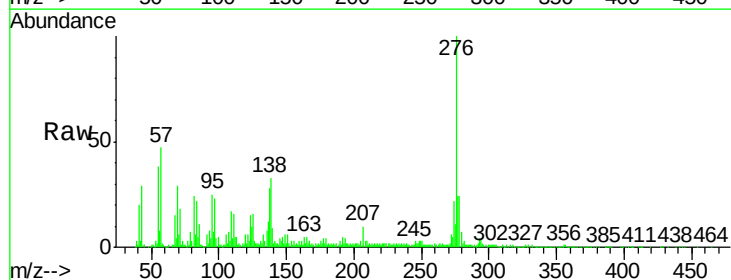
Instrument :
 BNA_F
 ClientSampleId :
 HY-SB414

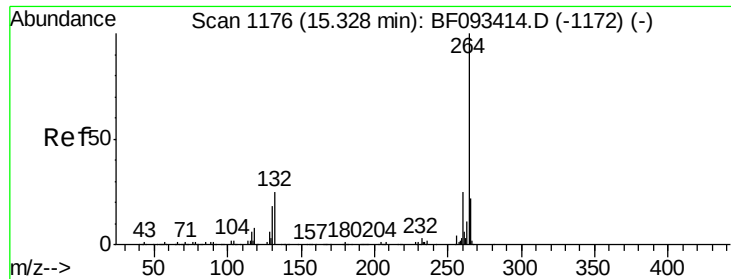
Tgt Ion:149 Resp: 29931
 Ion Ratio Lower Upper
 149 100
 167 33.3 20.2 30.4#
 279 6.3 1.8 2.8#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 27.35 ng
 RT: 16.75 min Scan# 1300
 Delta R.T. 0.05 min
 Lab File: BF093446.D
 Acq: 8 Mar 2017 23:23

Tgt Ion:276 Resp: 363842
 Ion Ratio Lower Upper
 276 100
 138 31.1 21.8 32.6
 277 23.8 20.2 30.4

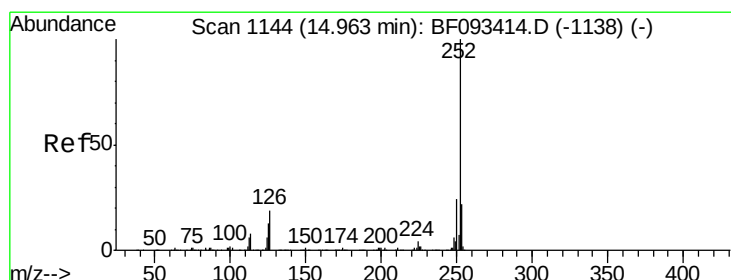
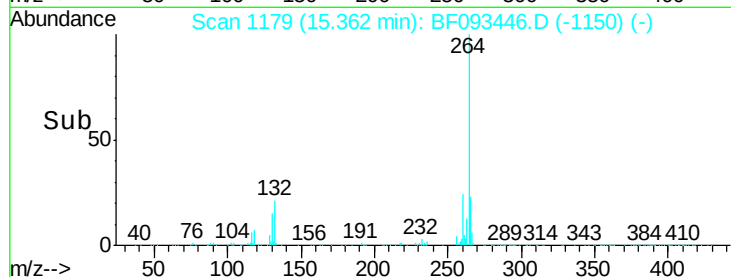
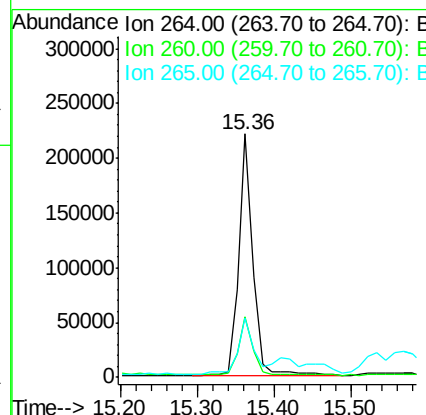
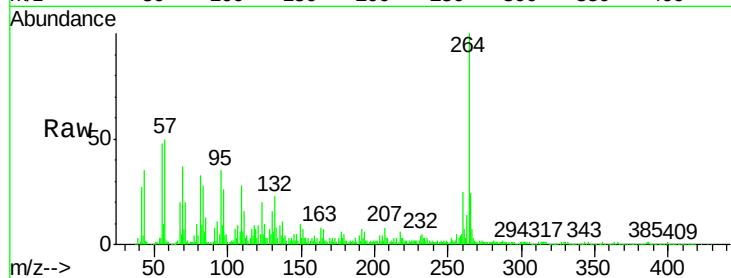




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1179
Delta R.T. 0.03 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

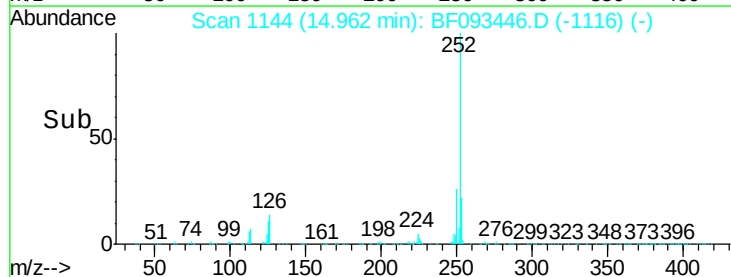
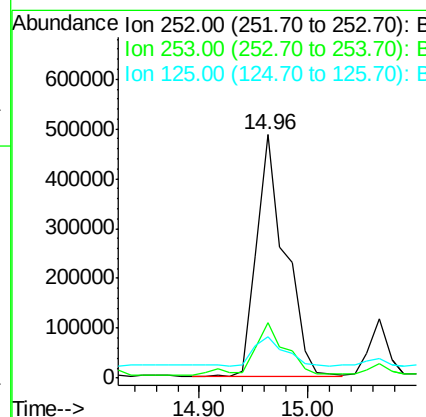
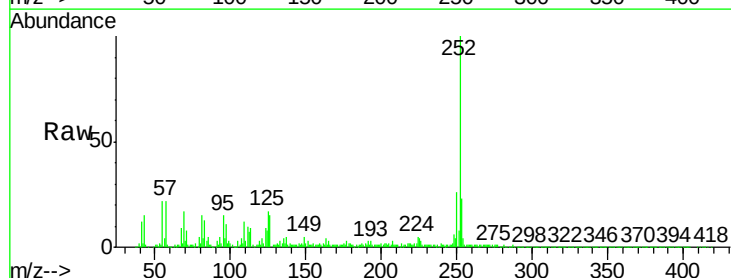
Instrument :
BNA_F
ClientSampleId :
HY-SB414

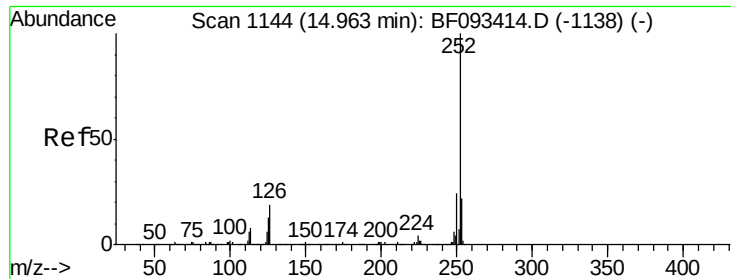
Tgt Ion:	264	Resp:	290142
Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.2	28.8
265	24.2	17.4	26.0



#87
Benzo(b)fluoranthene
Concen: 50.02 ng
RT: 14.96 min Scan# 1144
Delta R.T. 0.02 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion:	252	Resp:	883804
Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.2	27.4
125	16.8	9.8	14.6#

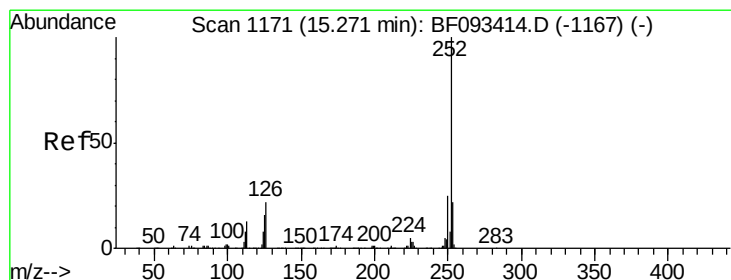
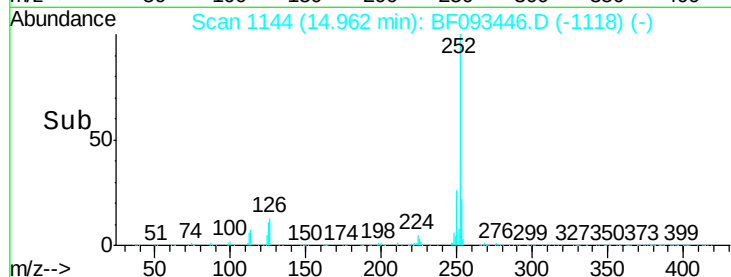
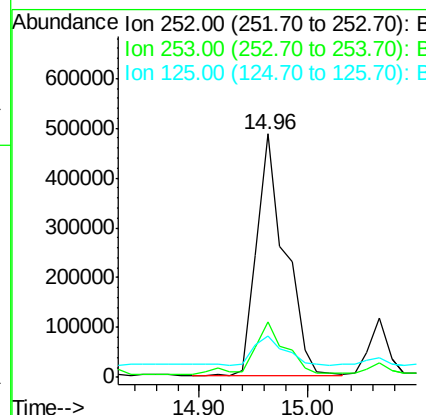
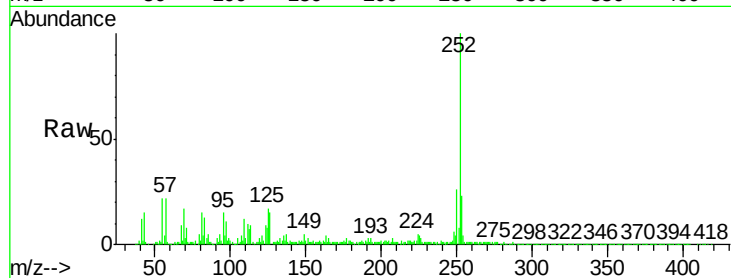




#88
Benzo(k)fluoranthene
Concen: 51.86 ng
RT: 14.96 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

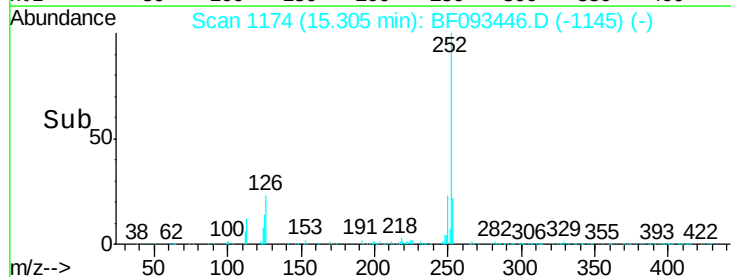
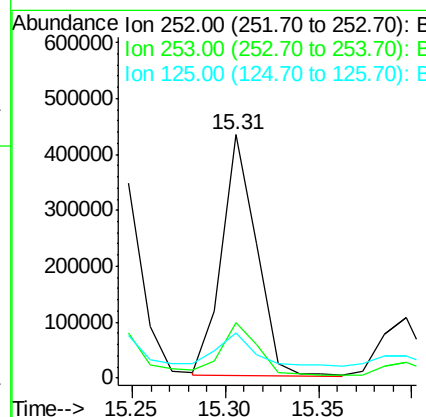
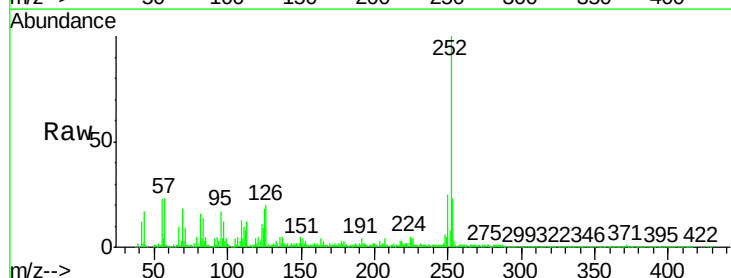
Instrument :
BNA_F
ClientSampleId :
HY-SB414

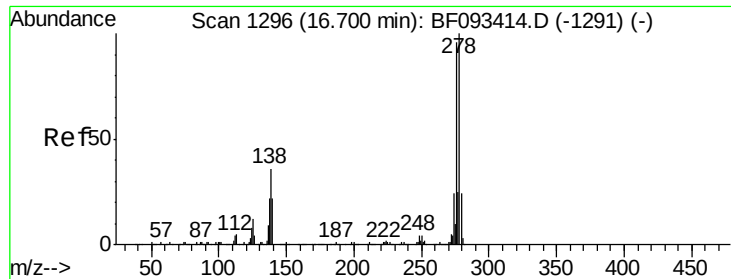
Tgt Ion: 252 Resp: 883804
Ion Ratio Lower Upper
252 100
253 22.9 18.5 27.7
125 16.8 8.9 13.3#



#89
Benzo(a)pyrene
Concen: 34.46 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.03 min
Lab File: BF093446.D
Acq: 8 Mar 2017 23:23

Tgt Ion: 252 Resp: 556485
Ion Ratio Lower Upper
252 100
253 23.0 18.2 27.2
125 18.5 10.0 15.0#





#90

Dibenzo(a,h)anthracene

Concen: 6.41 ng

RT: 16.75 min Scan# 1300

Delta R.T. 0.05 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

Instrument :

BNA_F

ClientSampleId :

HY-SB414

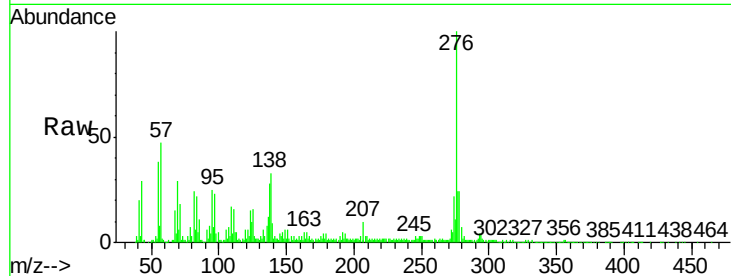
Tgt Ion:278 Resp: 85578

Ion Ratio Lower Upper

278 100

139 36.1 14.8 22.2#

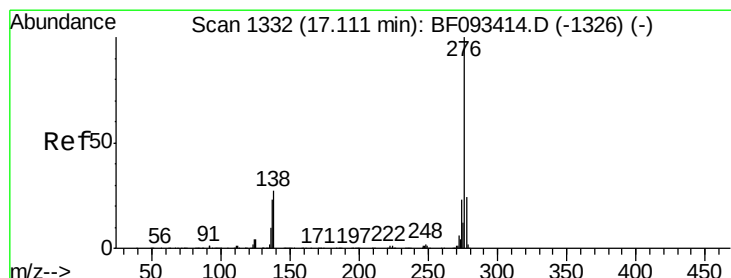
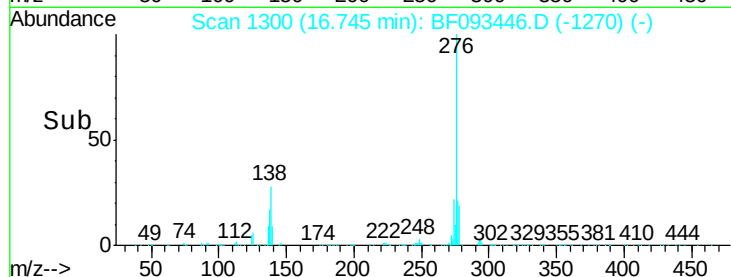
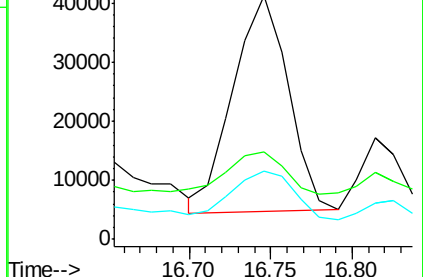
279 27.9 19.8 29.6



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: 30.71 ng

RT: 17.17 min Scan# 1337

Delta R.T. 0.06 min

Lab File: BF093446.D

Acq: 8 Mar 2017 23:23

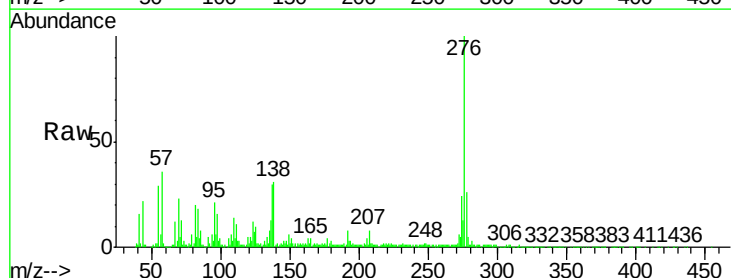
Tgt Ion:276 Resp: 421109

Ion Ratio Lower Upper

276 100

277 26.1 19.2 28.8

138 30.7 16.0 24.0#



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

