

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098399.D
 Acq On : 9 Sep 2017 21:26
 Operator : SJ/JU
 Sample : I5151-05 50X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:16:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	97945	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	367941	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	169699	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	279887	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	203159	20.00	ng	-0.04
86) Perylene-d12	15.23	264	195951	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	15289	2.37	ng	-0.02
7) Phenol-d6	6.33	99	23214	2.65	ng	-0.02
23) Nitrobenzene-d5	7.24	82	11988	1.77	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	2716	1.84	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	23016	1.99	ng	-0.04
78) Terphenyl-d14	12.77	244	15704	1.61	ng	-0.04

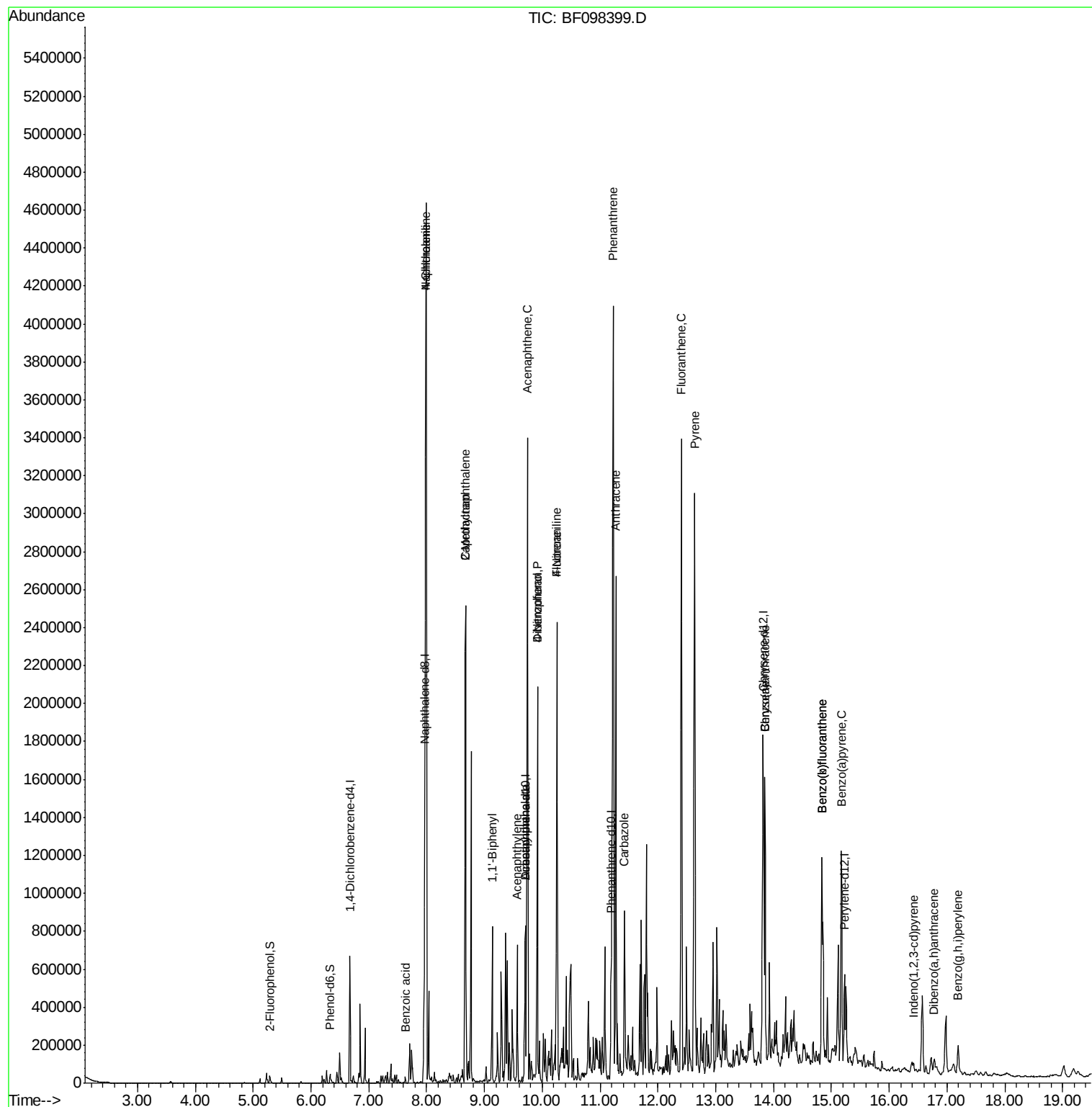
Target Compounds				Qvalue		
31) Naphthalene	8.00	128	3550242	185.860	ng	99
32) Benzoic acid	7.63	122	352	6.476	ng	# 11
33) 4-Chloroaniline	8.00	127	498313	61.857	ng	# 36
35) Caprolactam	8.67	113	17355	10.470	ng	# 1
37) 2-Methylnaphthalene	8.67	142	738018	63.019	ng	99
45) 1,1'-Biphenyl	9.13	154	262440	16.959	ng	96
48) Acenaphthylene	9.57	152	216202	12.041	ng	# 97
49) Dimethylphthalate	9.71	163	50334	4.058	ng	# 1
51) Acenaphthene	9.75	154	810520	71.573	ng	99
54) Dibenzofuran	9.92	168	787895	51.913	ng	97
55) 4-Nitrophenol	9.92	139	284604	111.681	ng	# 27
57) Fluorene	10.26	166	692451	59.012	ng	96
61) 4-Nitroaniline	10.26	138	7438	2.450	ng	# 25
70) Phenanthrene	11.23	178	2397579	160.756	ng	100
71) Anthracene	11.27	178	1015602	67.138	ng	100
72) Carbazole	11.43	167	347699	24.215	ng	96
74) Fluoranthene	12.41	202	1723533	110.716	ng	99
77) Pyrene	12.64	202	1500395	90.298	ng	99
80) Benzo(a)anthracene	13.85	228	514630	42.265	ng	94
82) Chrysene	13.85	228	514630	42.488	ng	96
85) Indeno(1,2,3-cd)pyrene	16.42	276	39155	4.394	ng	93
87) Benzo(b)fluoranthene	14.84	252	839626	67.978	ng	98
88) Benzo(k)fluoranthene	14.84	252	839626	72.355	ng	98
89) Benzo(a)pyrene	15.17	252	506214	46.296	ng	98
90) Dibenzo(a,h)anthracene	16.78	278	21354	2.399	ng	95
91) Benzo(g,h,i)perylene	17.19	276	106768	11.495	ng	94

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

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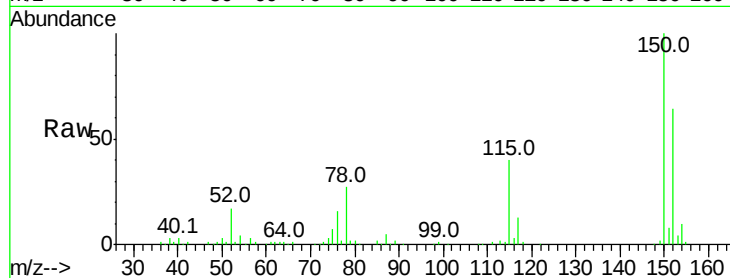


#1

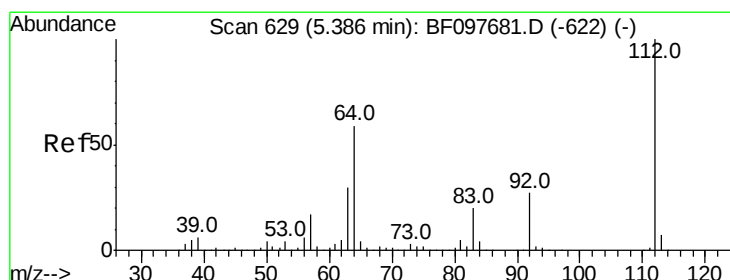
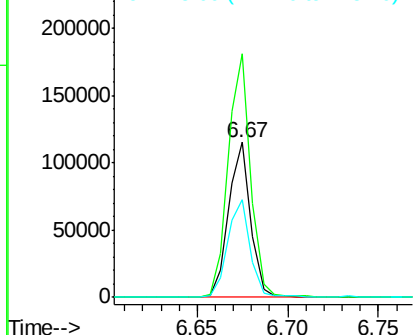
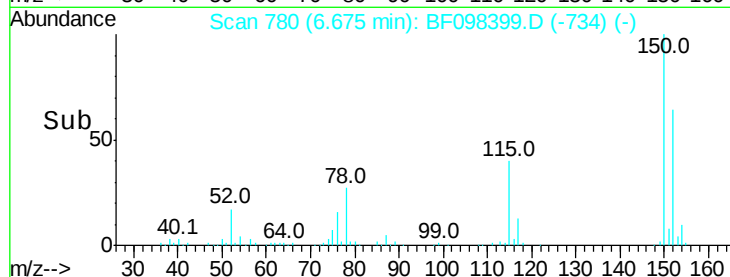
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 97945
 Ion Ratio Lower Upper
 152 100
 150 157.0 126.2 189.2
 115 63.1 52.2 78.2



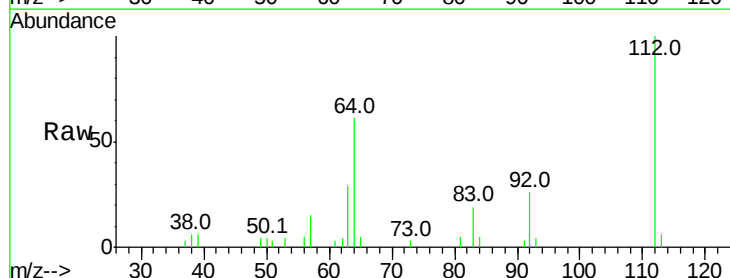
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



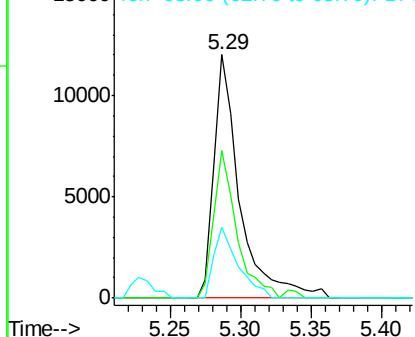
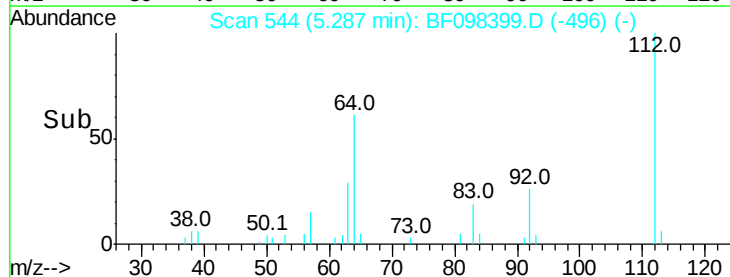
#5

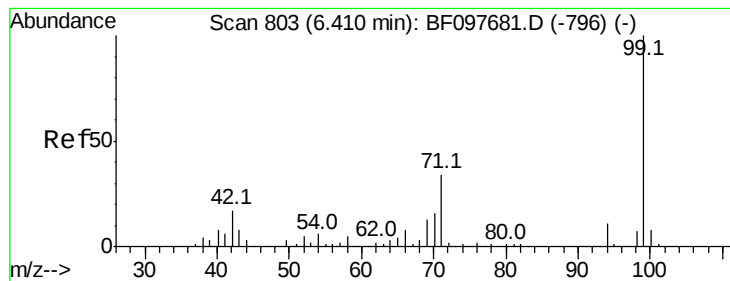
2-Fluorophenol
 Concen: 2.374 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion:112 Resp: 15289
 Ion Ratio Lower Upper
 112 100
 64 60.7 46.0 69.0
 63 29.3 23.4 35.0



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: 2.653 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampled :

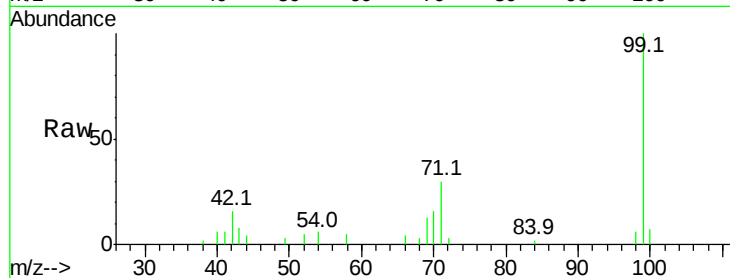
Tot Ion: 99 Resp: 23214

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

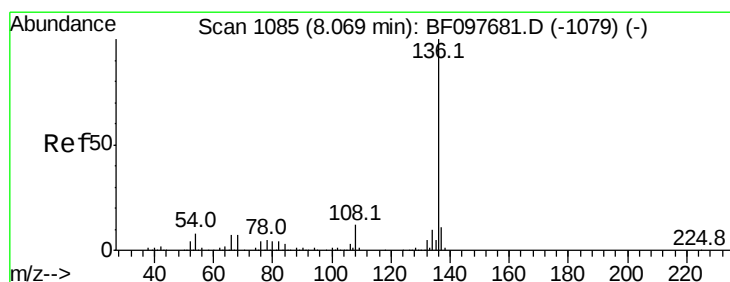
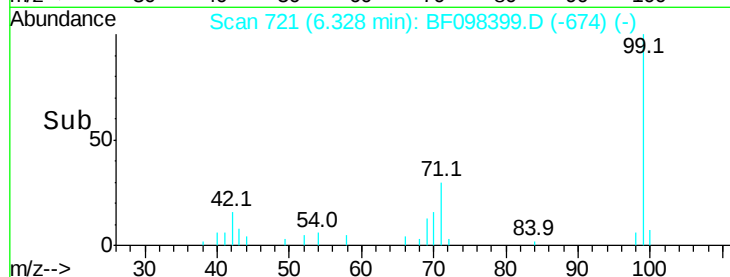
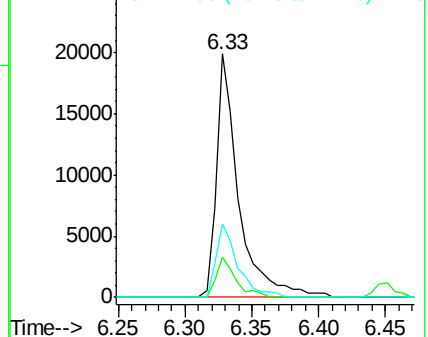
71 30.3 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Tgt Ion: 136 Resp: 367941

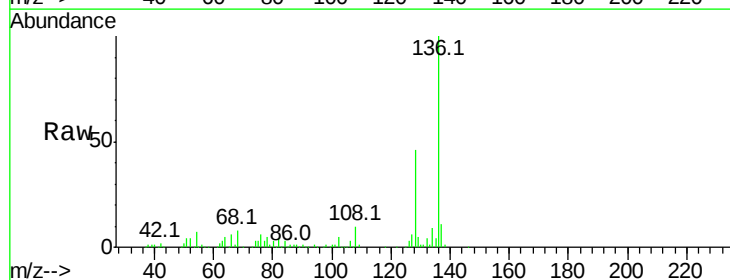
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 7.7 4.1 6.1#

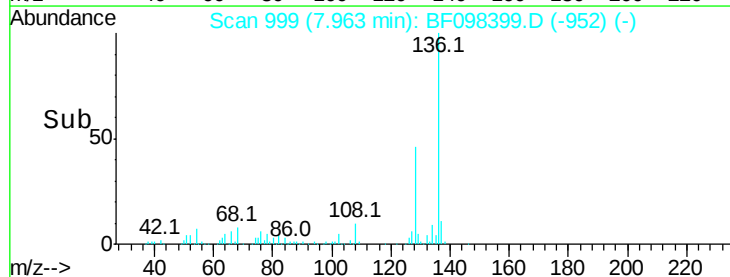
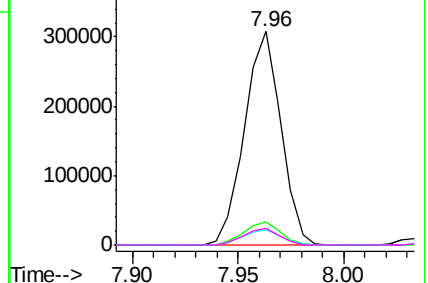


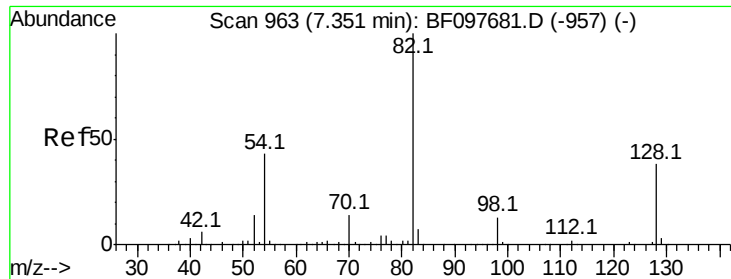
Abundance Ion 136.00 (135.70 to 136.70): E

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

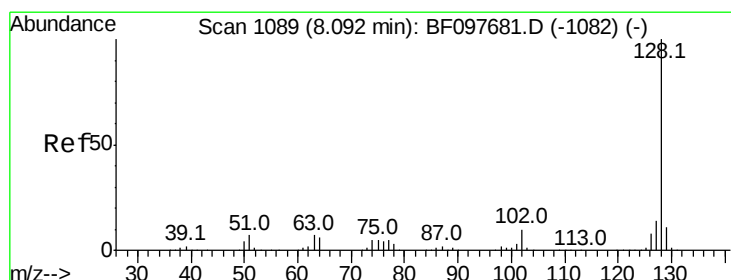
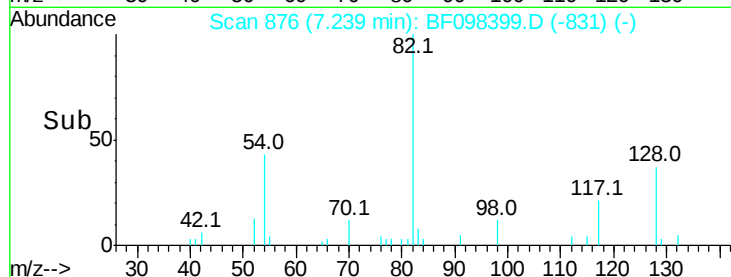
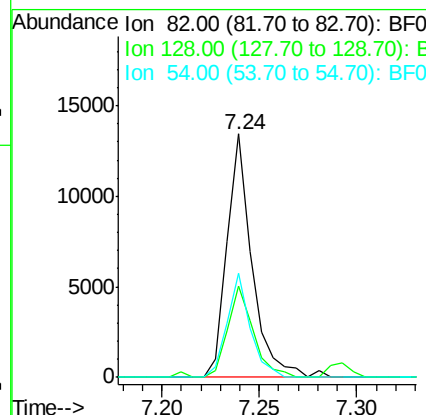
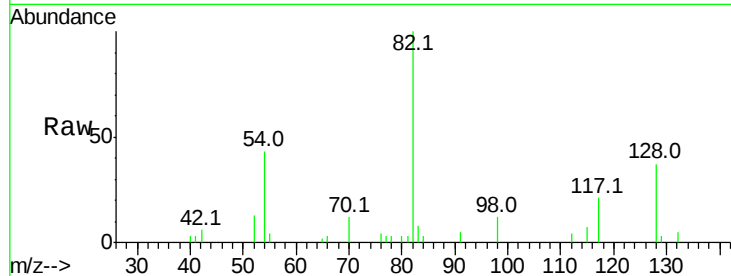




#23
 Nitrobenzene-d5
 Concen: 1.770 ng
 RT: 7.24 min Scan# 876
 Delta R.T. -0.04 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

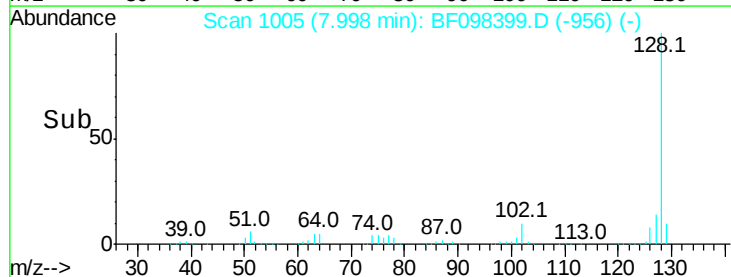
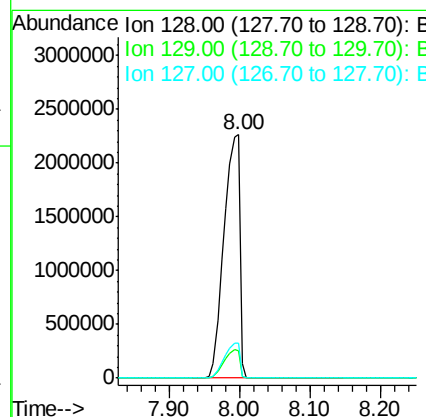
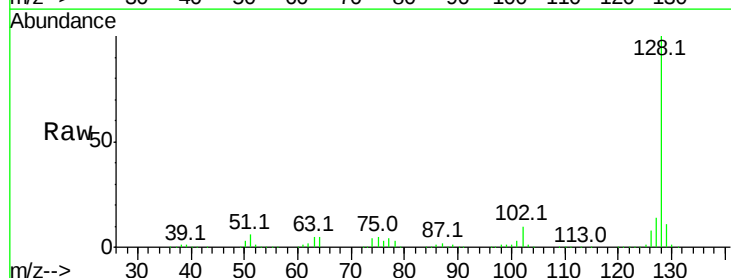
Instrument :
 BNA_F
 ClientSampleId :

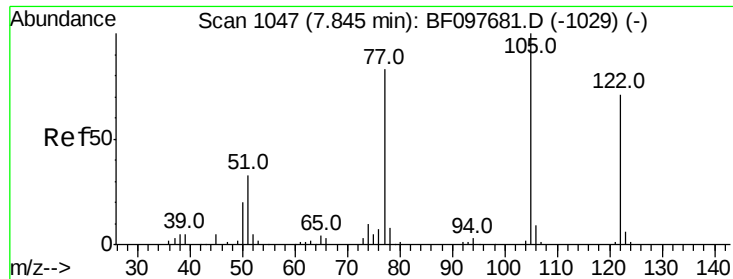
Tot Ion: 82 Resp: 11988
 Ion Ratio Lower Upper
 82 100
 128 37.2 34.0 51.0
 54 42.8 42.2 63.2



#31
 Naphthalene
 Concen: 185.860 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion:128 Resp: 3550242
 Ion Ratio Lower Upper
 128 100
 129 11.2 9.0 13.6
 127 14.3 10.8 16.2

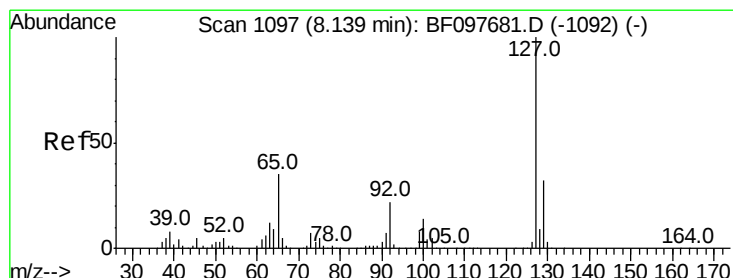
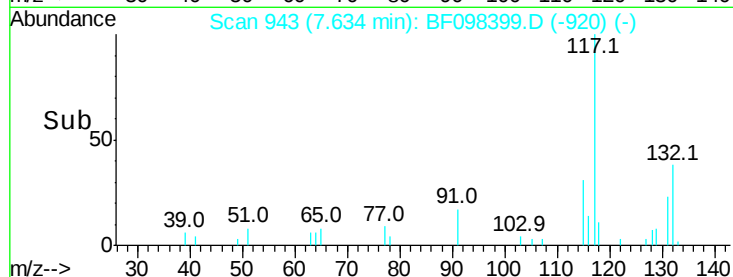
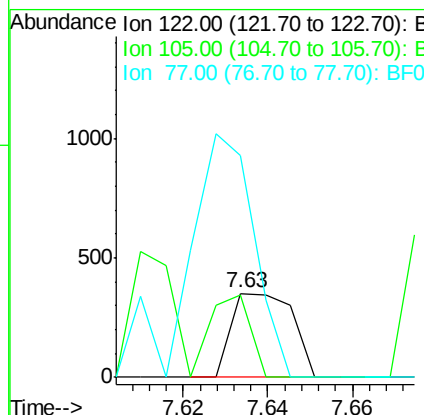
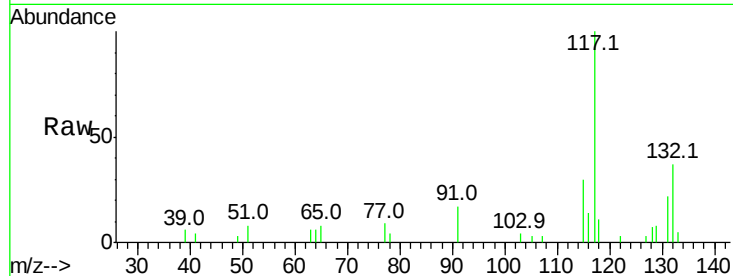




#32
 Benzoic acid
 Concen: 6.476 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.16 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

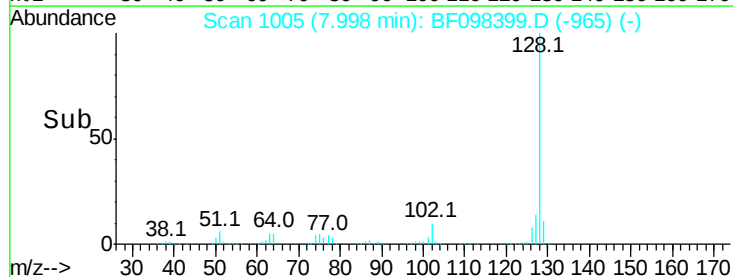
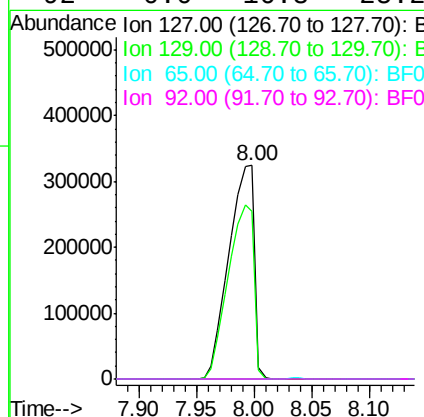
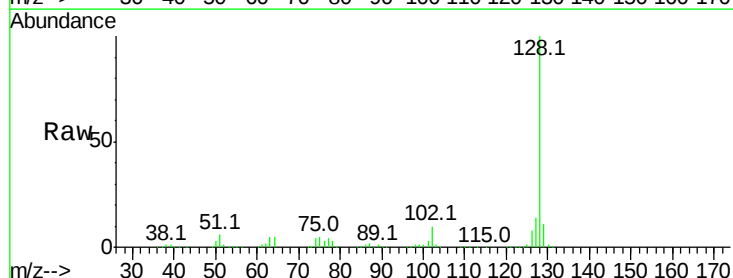
Instrument :
 BNA_F
 ClientSampleId :

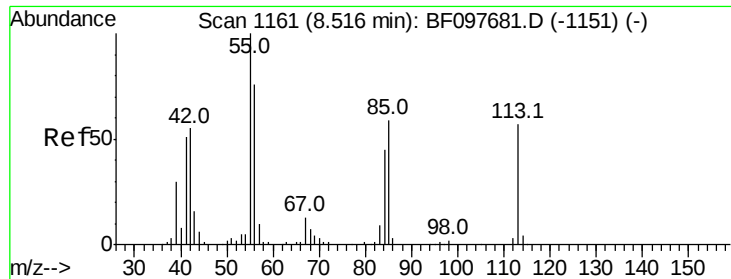
Tot Ion	Ratio	Lower	Upper
122	100		
105	97.7	103.3	143.3#
77	264.7	73.7	113.7#



#33
 4-Chloroaniline
 Concen: 61.857 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. -0.06 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
127	100		
129	78.5	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#

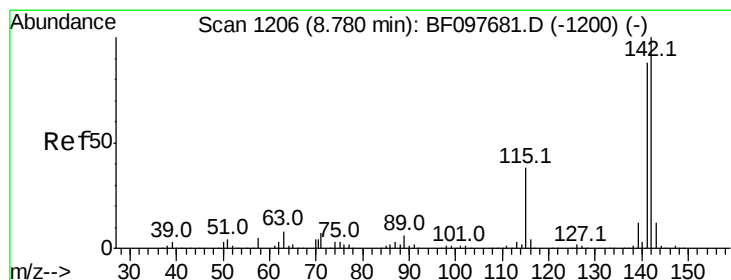
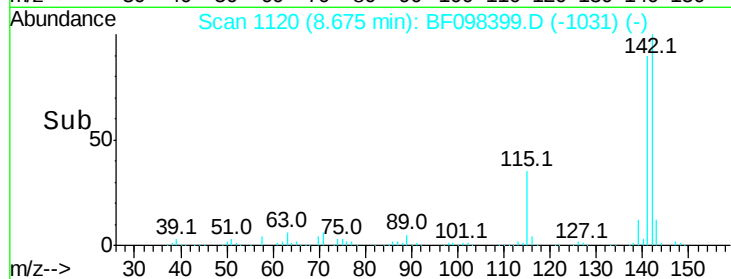
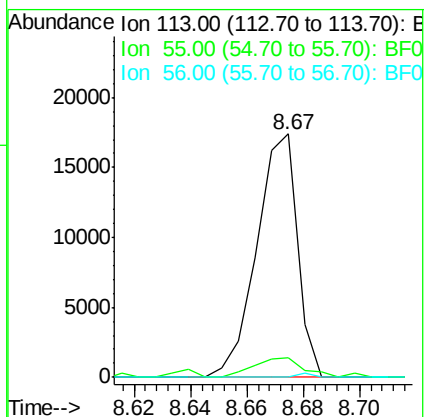
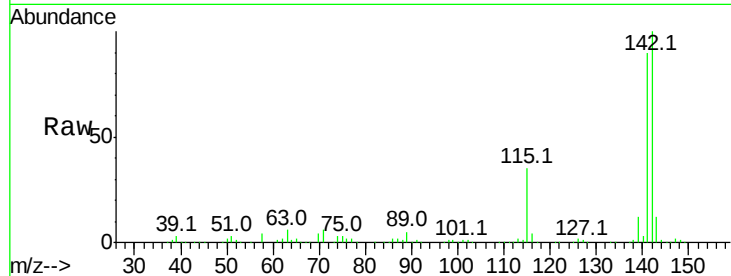




#35
Caprolactam
Concen: 10.470 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.22 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

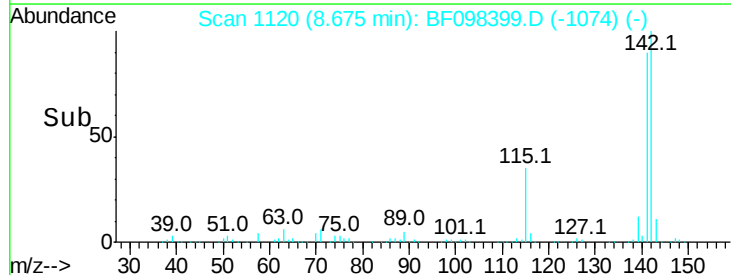
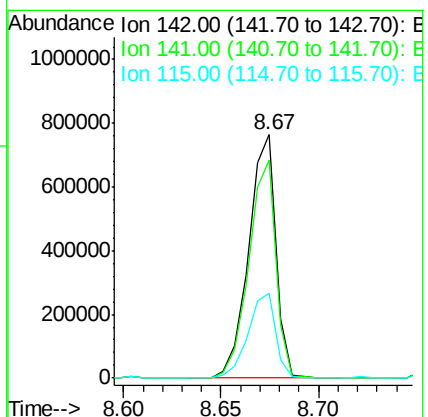
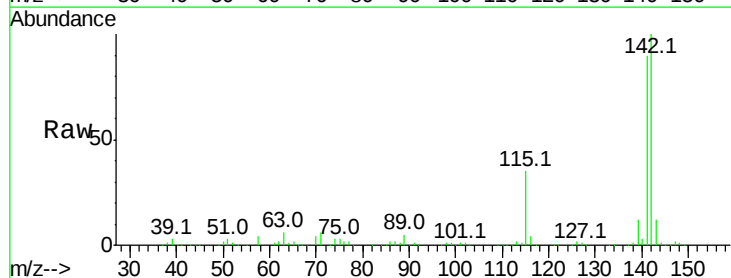
Instrument :
BNA_F
ClientSampleId :

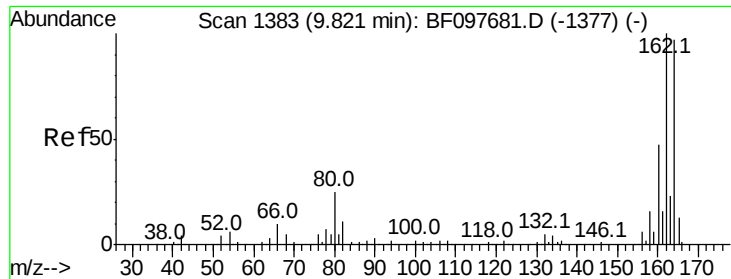
Tot Ion:113 Resp: 17355
Ion Ratio Lower Upper
113 100
55 7.9 150.2 190.2#
56 0.0 107.8 147.8#



#37
2-Methylnaphthalene
Concen: 63.019 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Tgt Ion:142 Resp: 738018
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 34.9 27.1 40.7

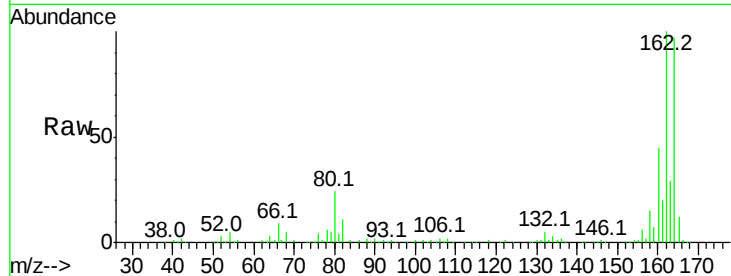




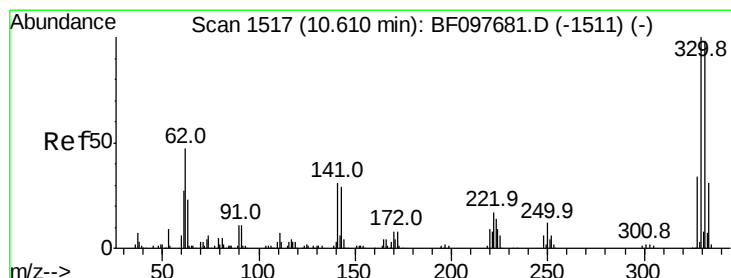
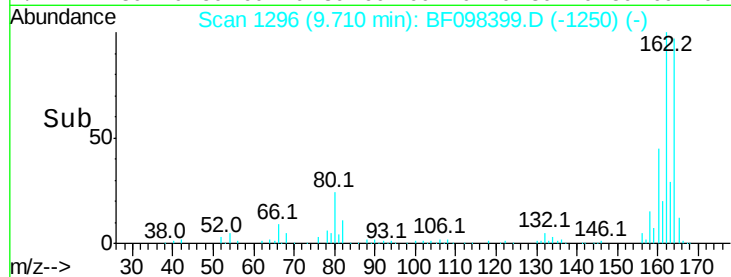
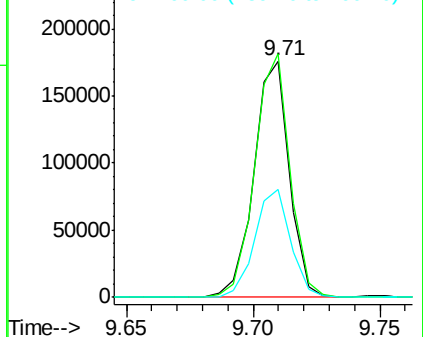
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.03 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.2	82.6	123.8
160	46.0	36.2	54.2

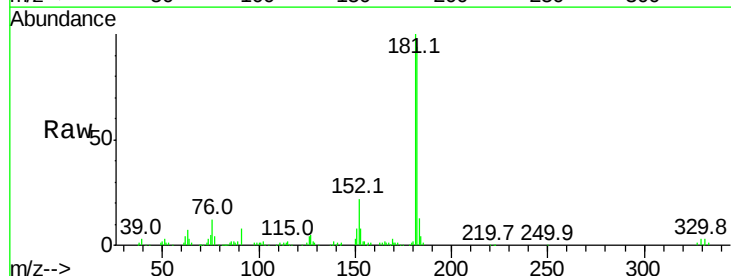


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

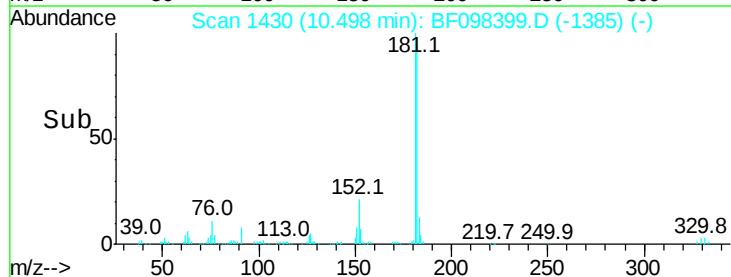
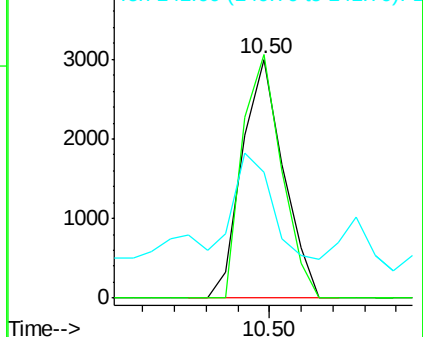


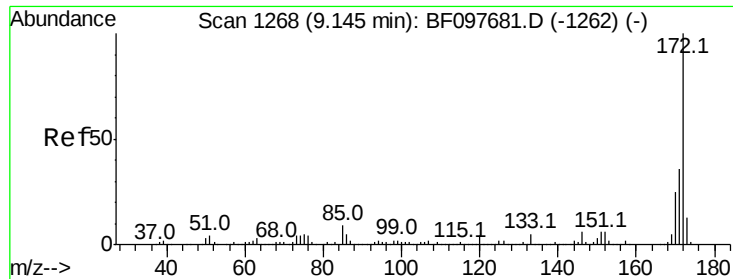
#41
 2,4,6-Tribromophenol
 Concen: 1.845 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.6	115.0
141	72.7	31.4	47.2



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

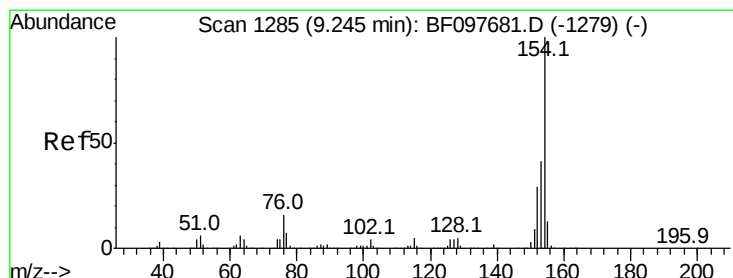
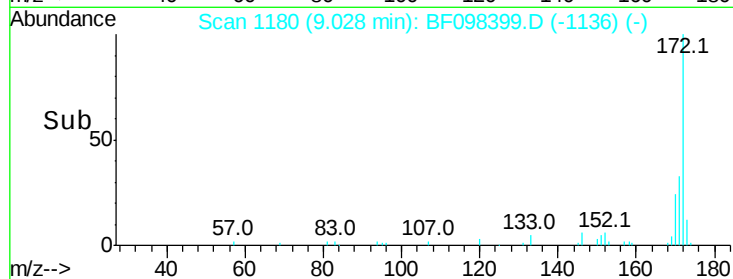
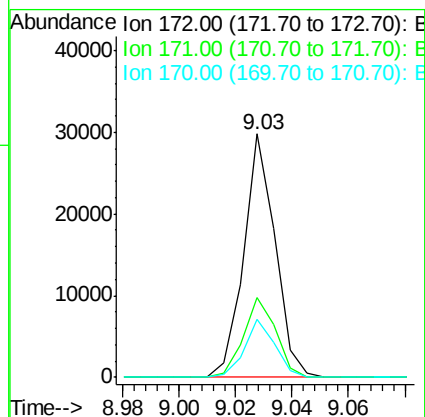
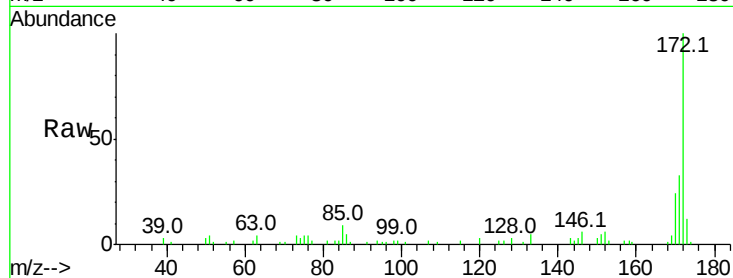




#44
 2-Fluorobiphenyl
 Concen: 1.993 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

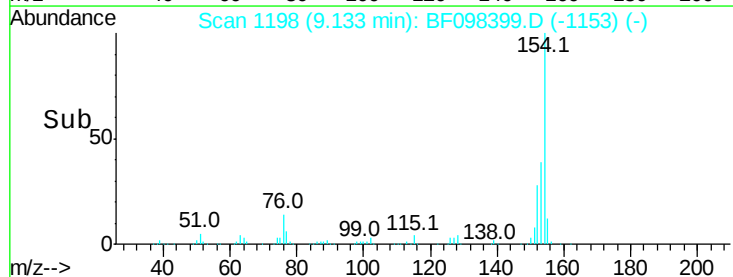
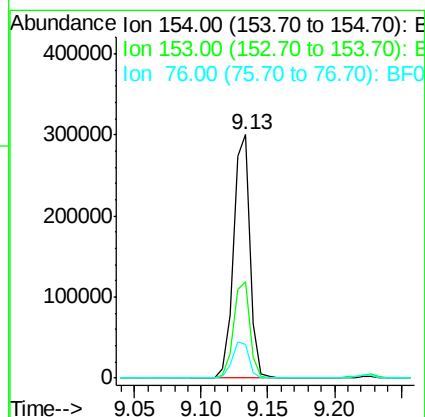
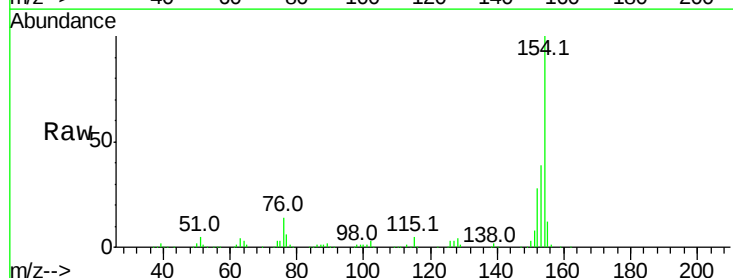
Instrument :
 BNA_F
 ClientSampleId :

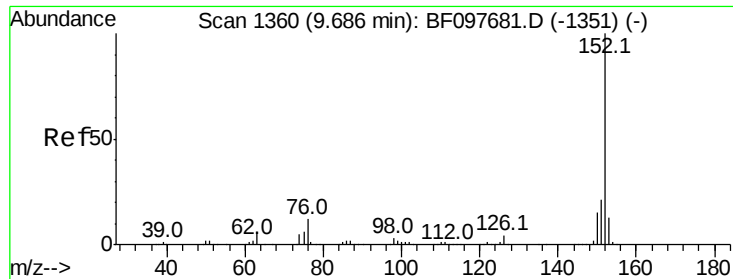
Tot Ion:172 Resp: 23016
 Ion Ratio Lower Upper
 172 100
 171 32.9 29.6 44.4
 170 23.7 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 16.959 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.04 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion:154 Resp: 262440
 Ion Ratio Lower Upper
 154 100
 153 39.5 21.2 61.2
 76 14.0 0.0 29.9





#48

Acenaphthylene

Concen: 12.041 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

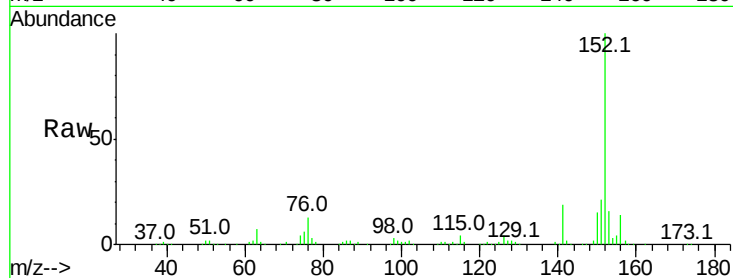
Tot Ion:152 Resp: 216202

Ion Ratio Lower Upper

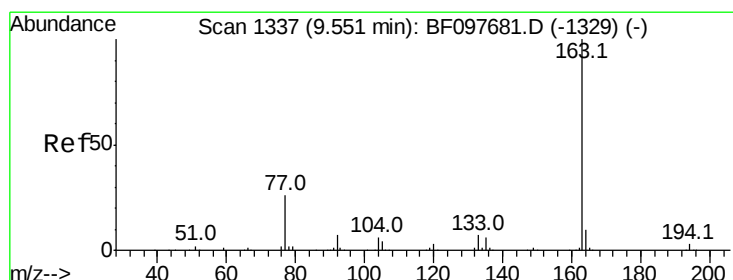
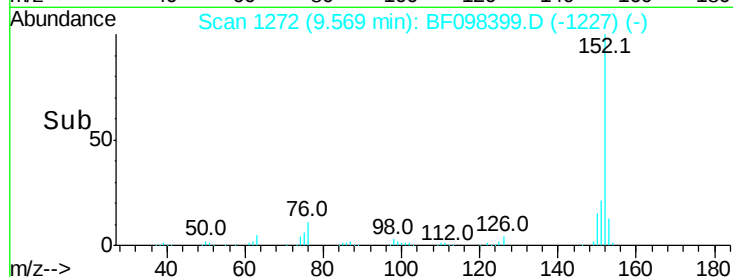
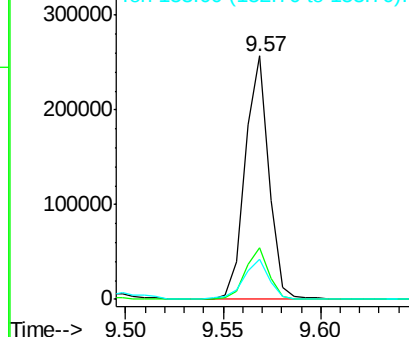
152 100

151 21.0 16.8 25.2

153 16.3 10.8 16.2#



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: 4.058 ng

RT: 9.71 min Scan# 1296

Delta R.T. 0.24 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

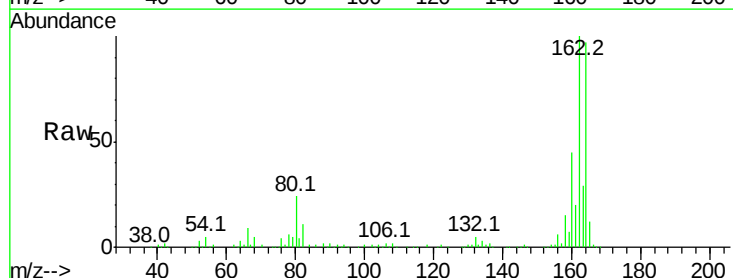
Tgt Ion:163 Resp: 50334

Ion Ratio Lower Upper

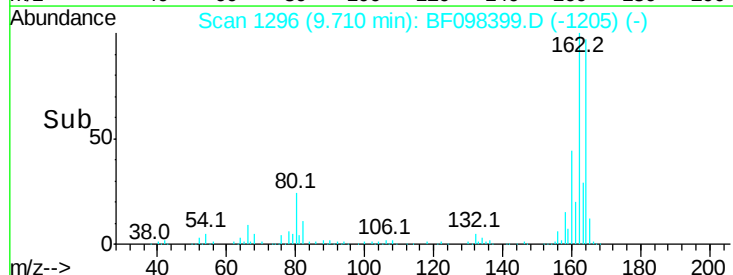
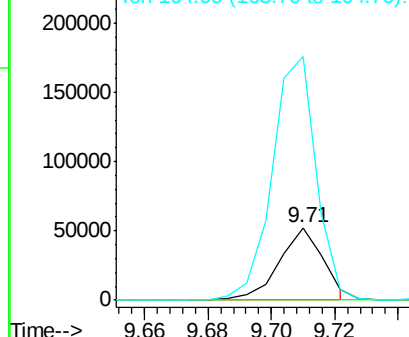
163 100

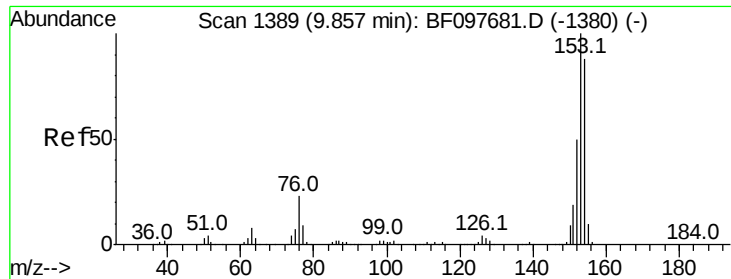
194 0.0 2.6 4.0#

164 337.4 8.4 12.6#



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: 71.573 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

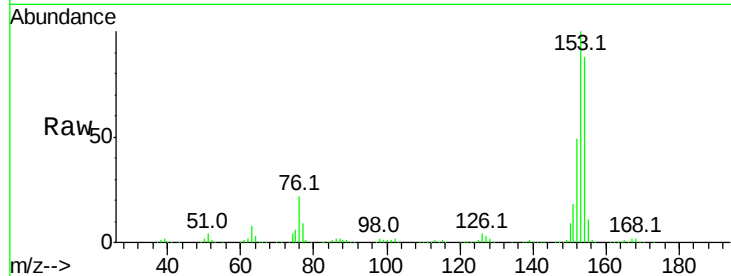
Tot Ion:154 Resp: 810520

Ion Ratio Lower Upper

154 100

153 113.6 90.5 135.7

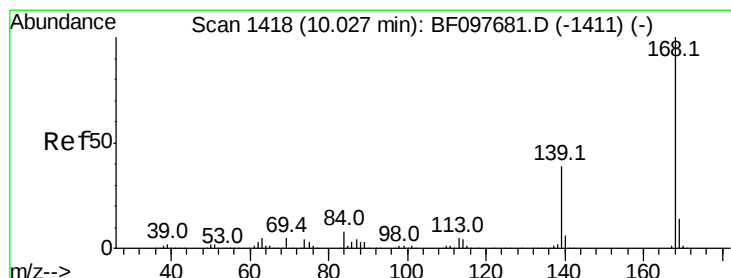
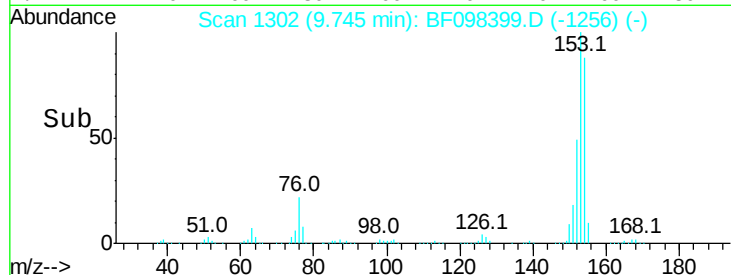
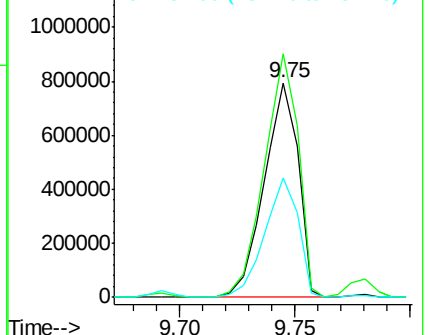
152 55.7 43.6 65.4



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: 51.913 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

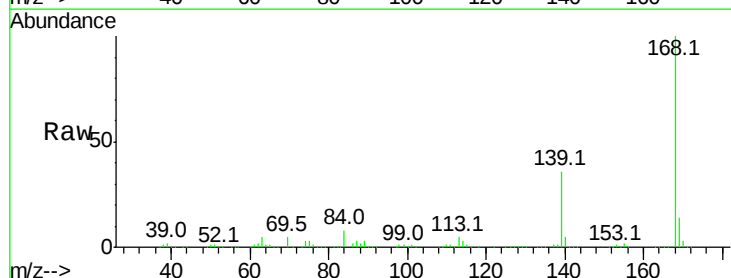
Tgt Ion:168 Resp: 787895

Ion Ratio Lower Upper

168 100

139 35.5 30.6 45.8

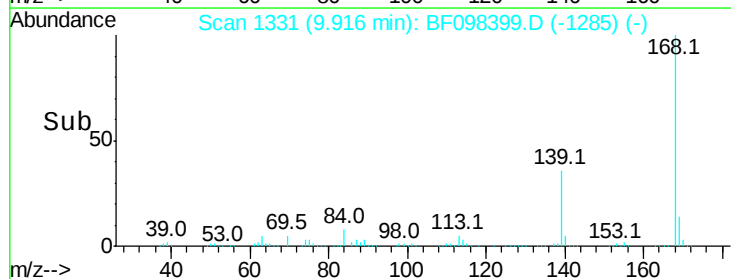
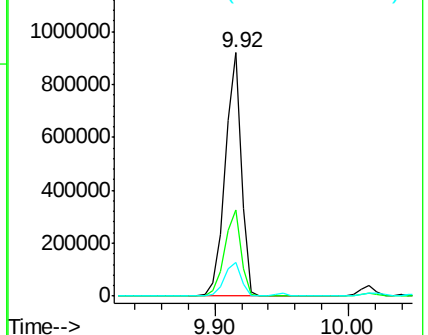
169 13.7 10.8 16.2

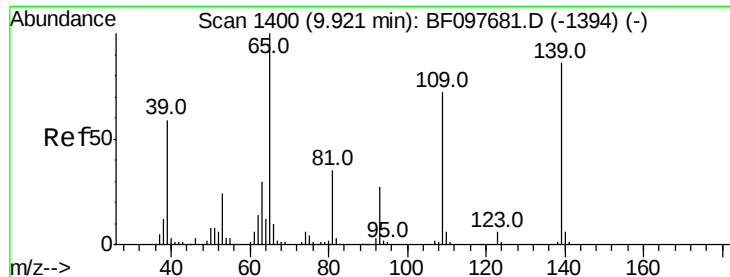


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

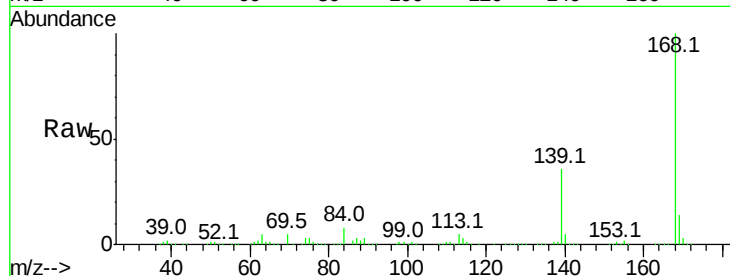




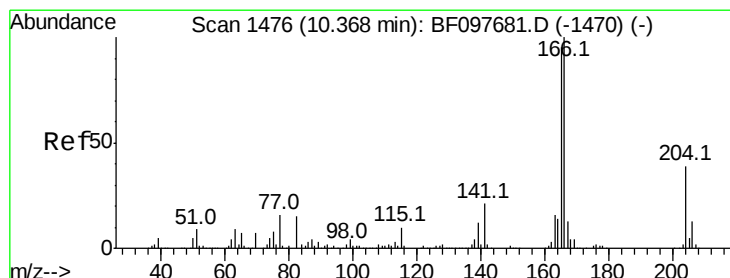
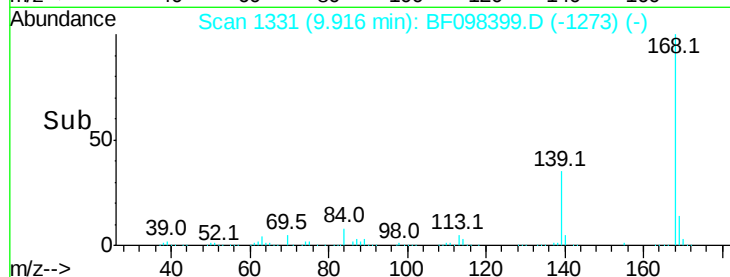
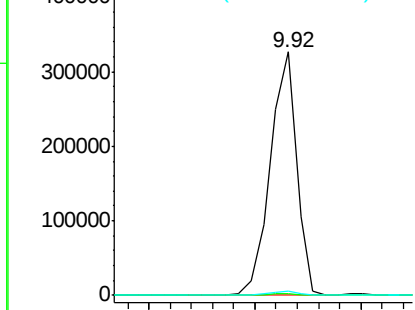
#55
4-Nitrophenol
Concen: 111.681 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 284604
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.5 31.4 71.4#

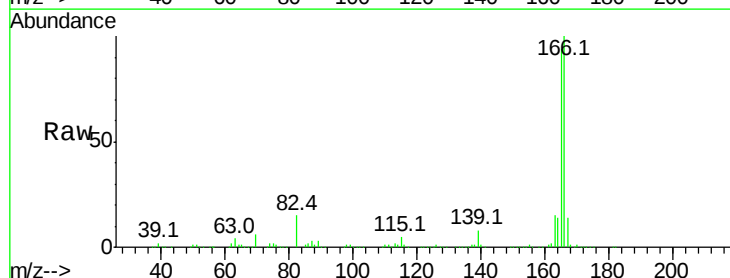


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

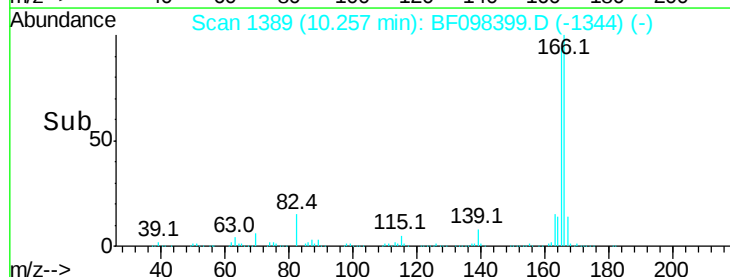
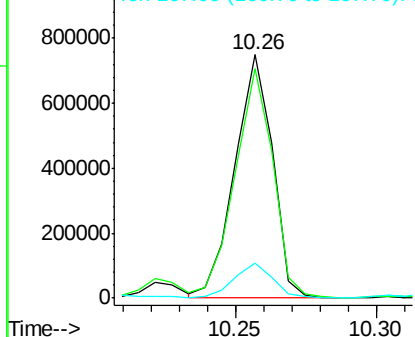


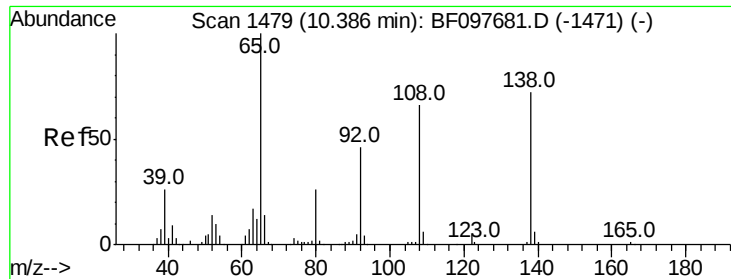
#57
Fluorene
Concen: 59.012 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.04 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Tgt Ion:166 Resp: 692451
Ion Ratio Lower Upper
166 100
165 94.2 78.8 118.2
167 14.3 10.6 16.0



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

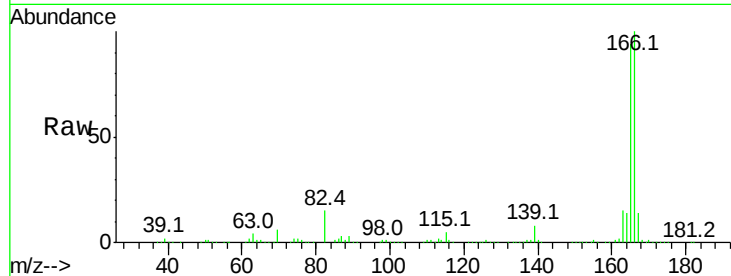




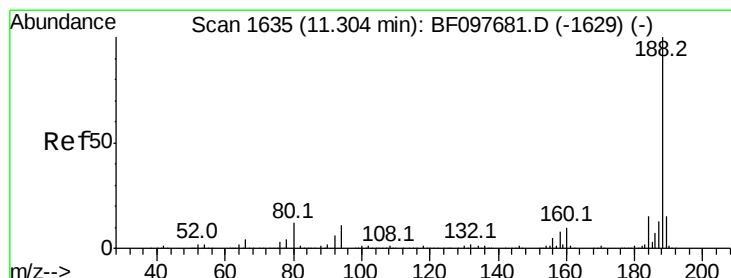
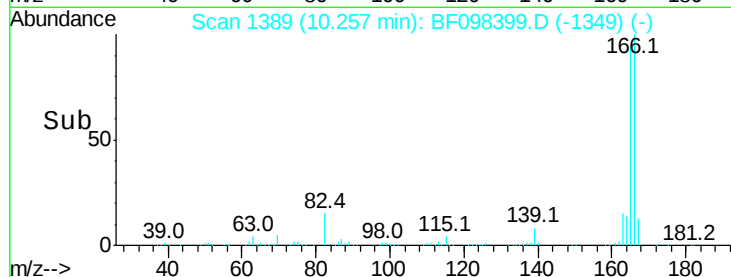
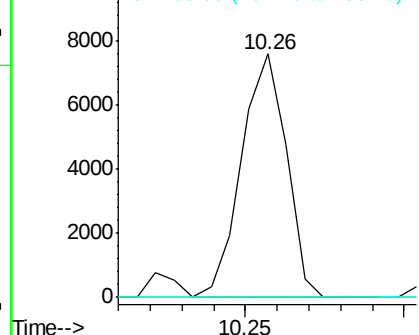
#61
4-Nitroaniline
Concen: 2.450 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.06 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 7438
Ion Ratio Lower Upper
138 100
92 0.0 21.8 61.8#
108 0.0 42.3 82.3#

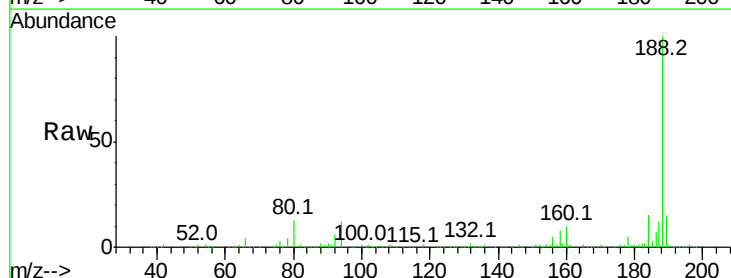


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

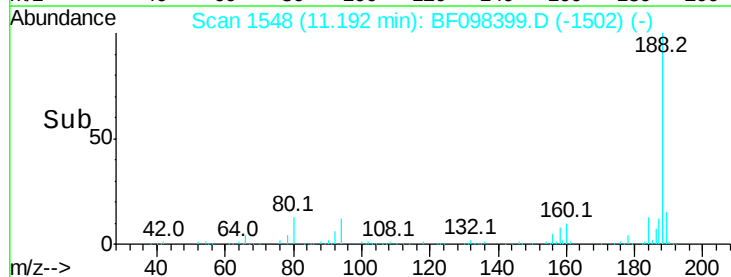
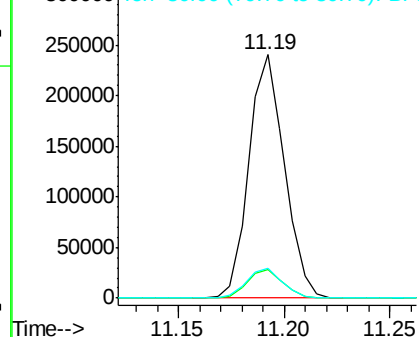


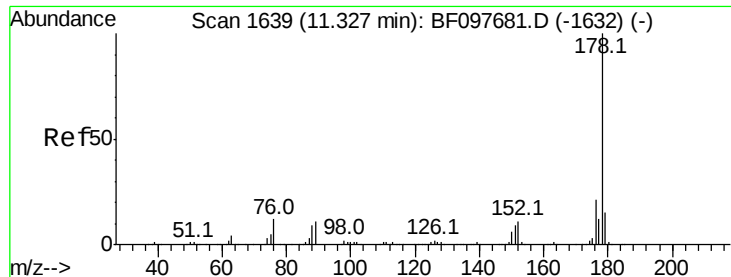
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.03 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Tgt Ion:188 Resp: 279887
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 12.5 10.2 15.2



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: 160.756 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

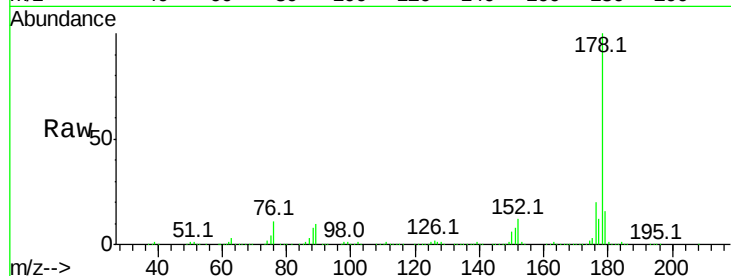
Tot Ion:178 Resp: 2397579

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

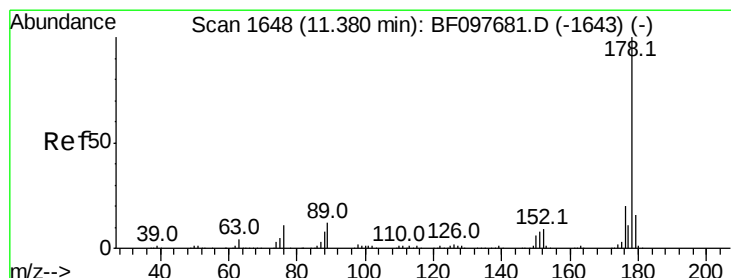
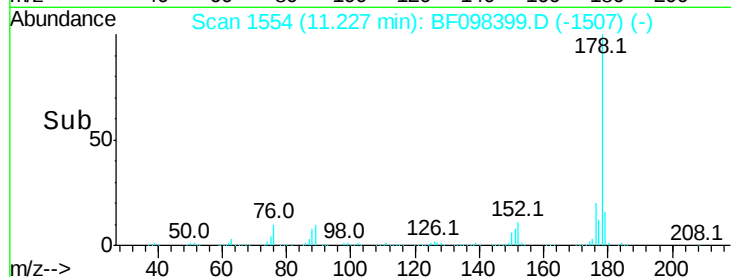
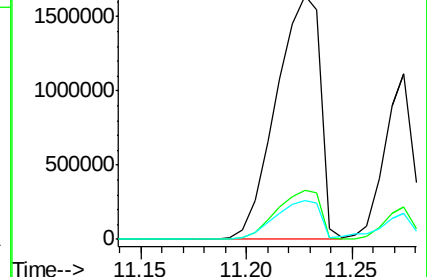
179 16.1 12.6 19.0



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: 67.138 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

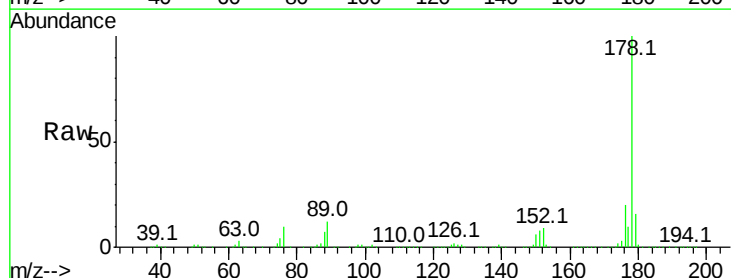
Tgt Ion:178 Resp: 1015602

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

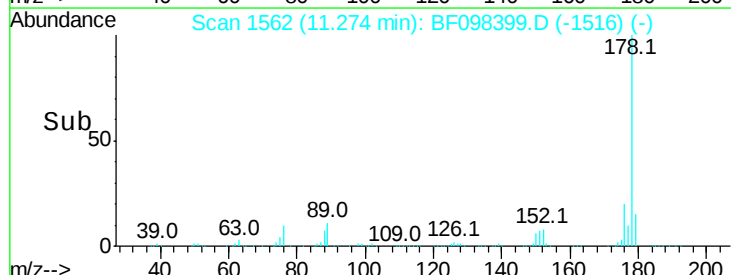
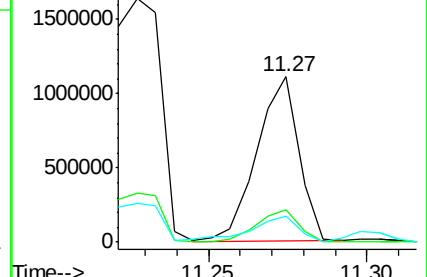
179 15.8 12.7 19.1

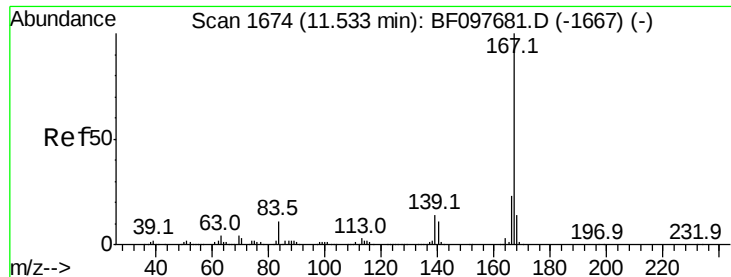


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

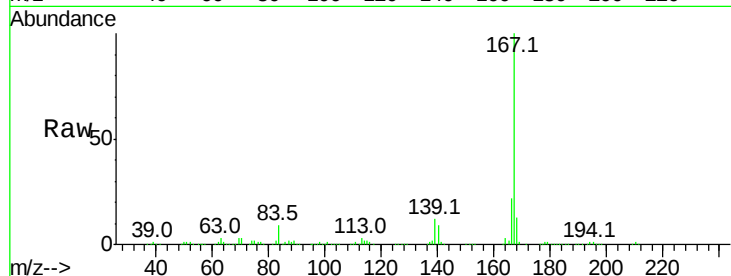




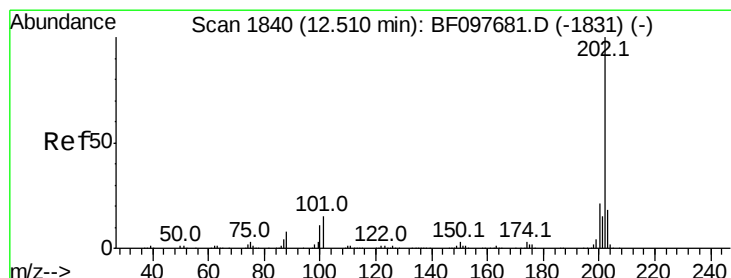
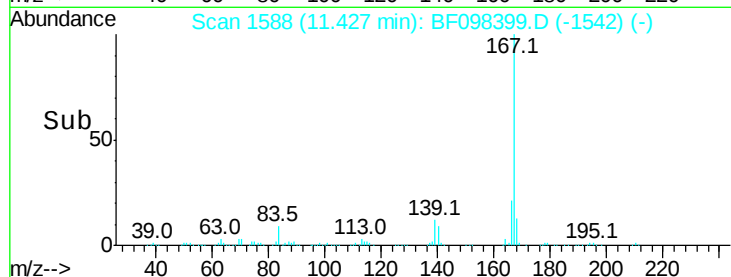
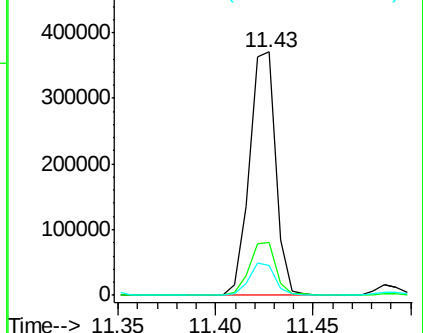
#72
 Carbazole
 Concen: 24.215 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.03 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	18.1	27.1
139	12.3	11.7	17.5

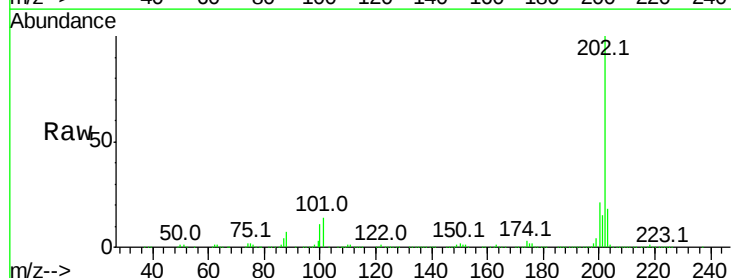


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

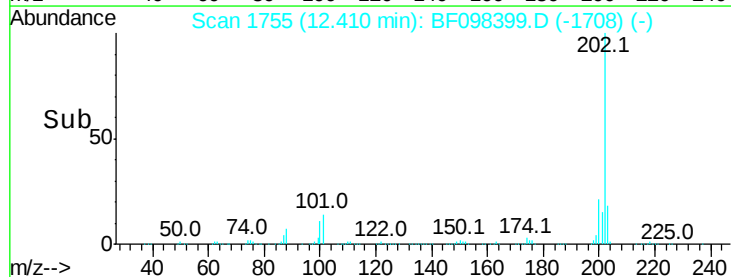
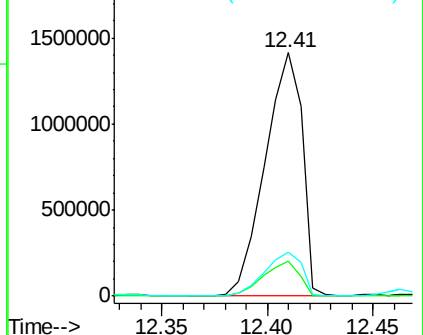


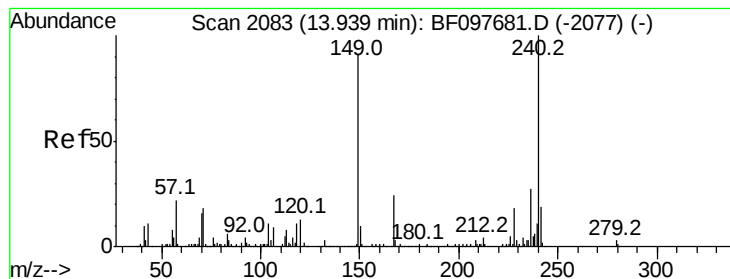
#74
 Fluoranthene
 Concen: 110.716 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.2	0.0	33.2
203	18.3	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

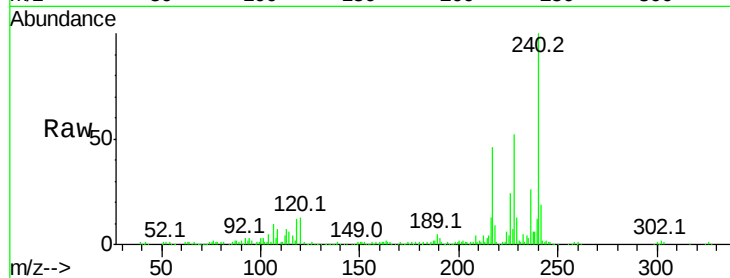
Tot Ion:240 Resp: 203159

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

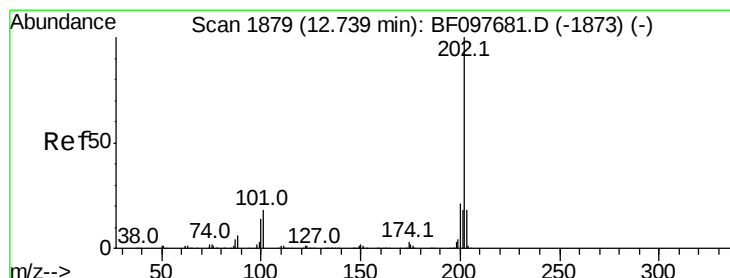
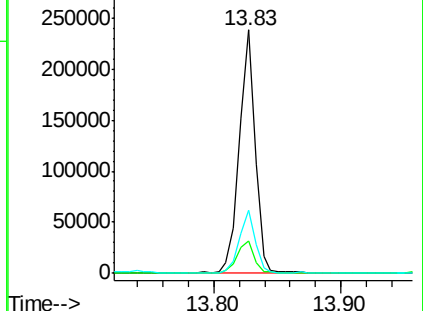
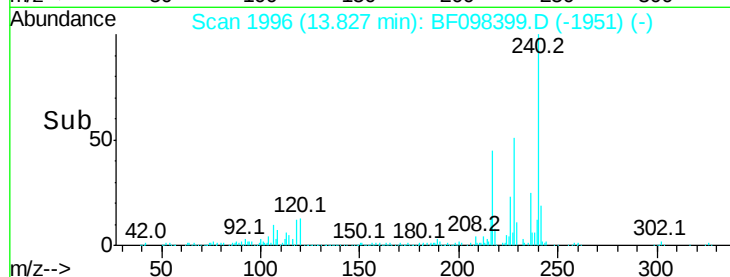
236 25.9 20.5 30.7



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: 90.298 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

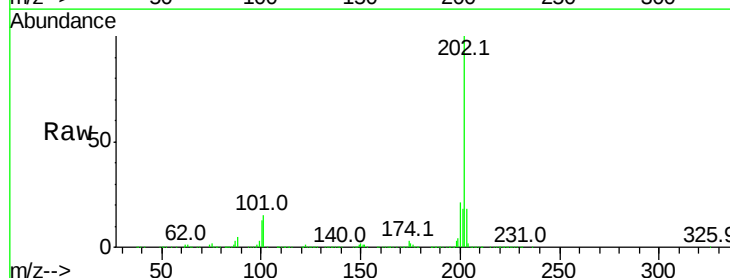
Tgt Ion:202 Resp: 1500395

Ion Ratio Lower Upper

202 100

200 21.1 17.6 26.4

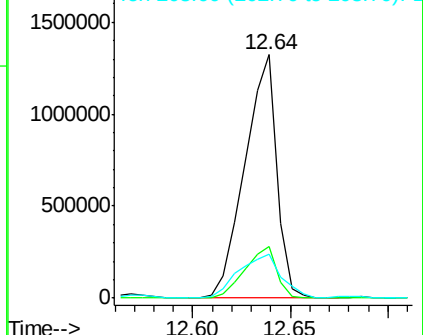
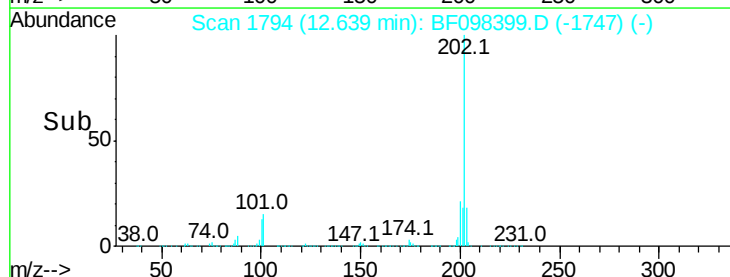
203 18.2 14.4 21.6

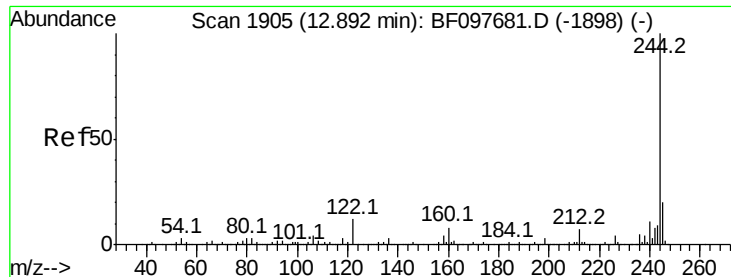


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

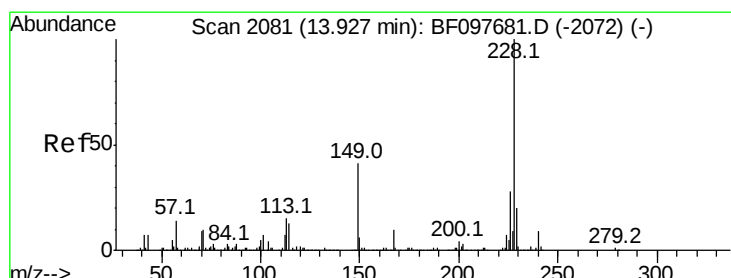
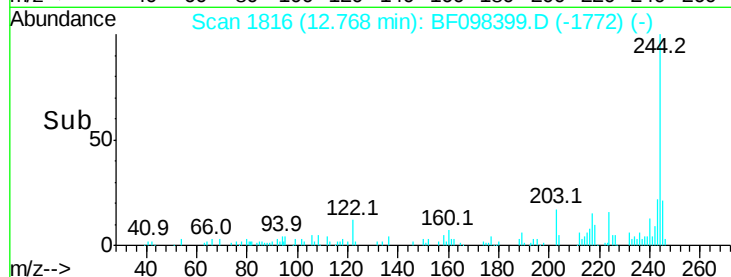
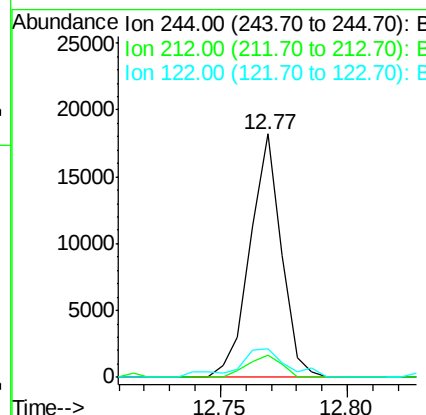
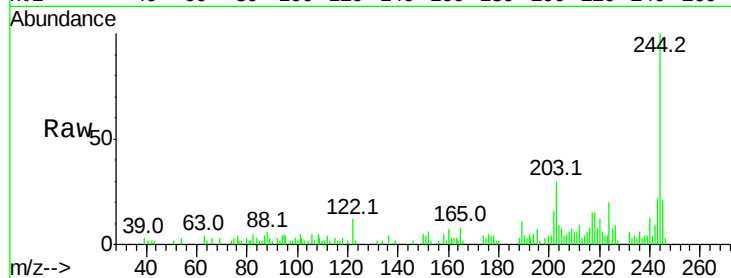




#78
 Terphenyl-d14
 Concen: 1.612 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.04 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

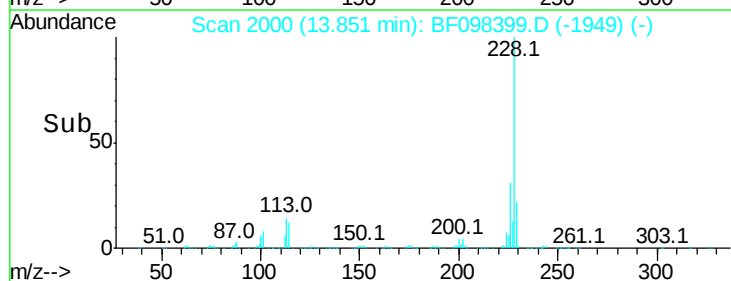
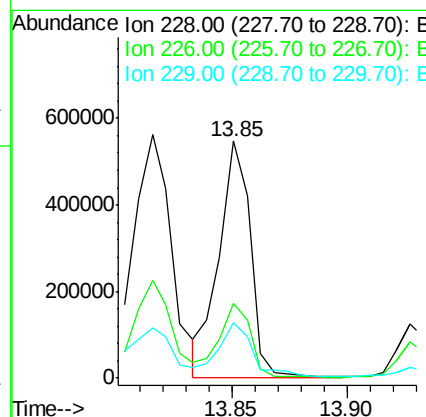
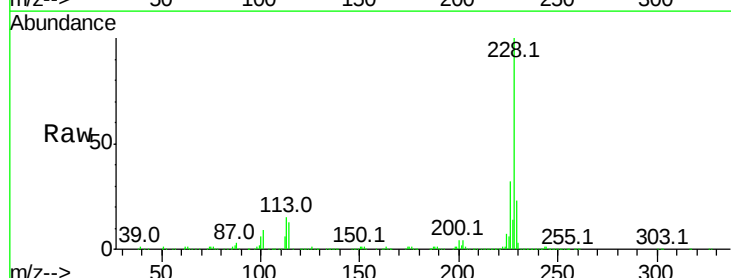
Instrument :
 BNA_F
 ClientSampled :

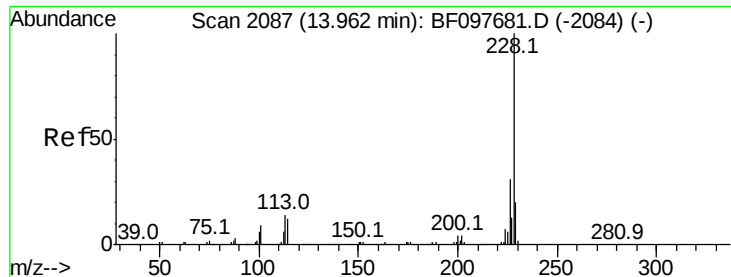
Tot Ion:244 Resp: 15704
 Ion Ratio Lower Upper
 244 100
 212 9.1 6.0 9.0#
 122 11.8 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 42.265 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. 0.00 min
 Lab File: BF098399.D
 Acq: 9 Sep 2017 21:26

Tgt Ion:228 Resp: 514630
 Ion Ratio Lower Upper
 228 100
 226 31.7 22.6 33.8
 229 23.2 16.3 24.5





#82

Chrysene

Concen: 42.488 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Instrument :

BNA_F

ClientSampleId :

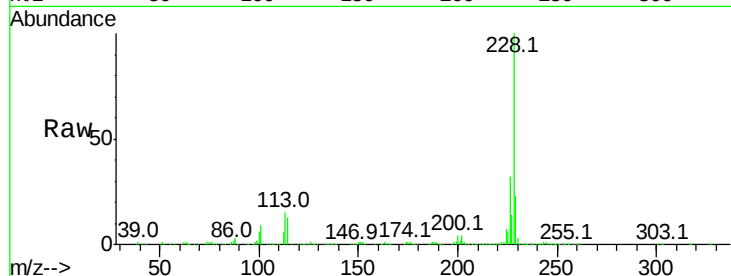
Tot Ion:228 Resp: 514630

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.9	37.3
229	23.2	15.8	23.6

228 100

226 31.7 24.9 37.3

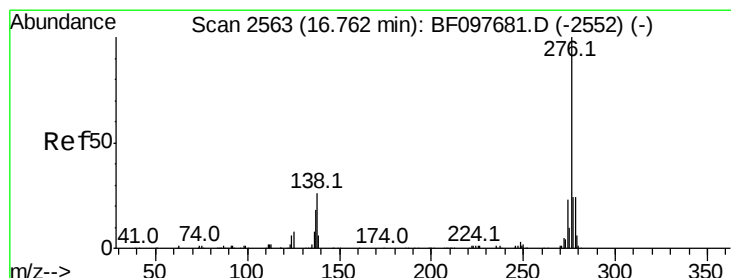
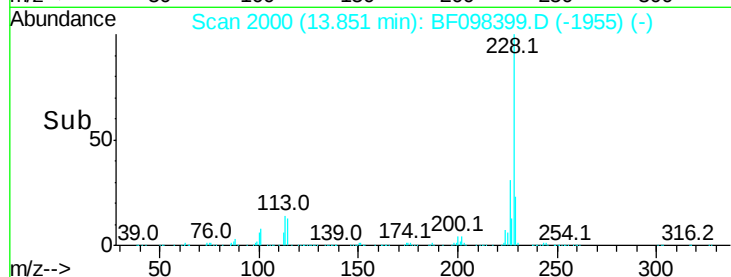
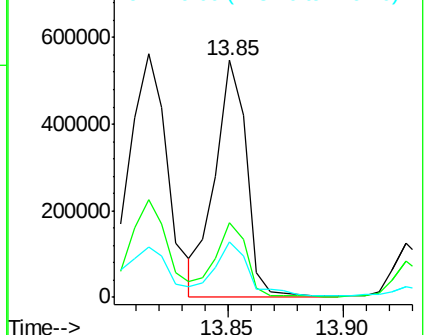
229 23.2 15.8 23.6



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: 4.394 ng

RT: 16.42 min Scan# 2437

Delta R.T. -0.22 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

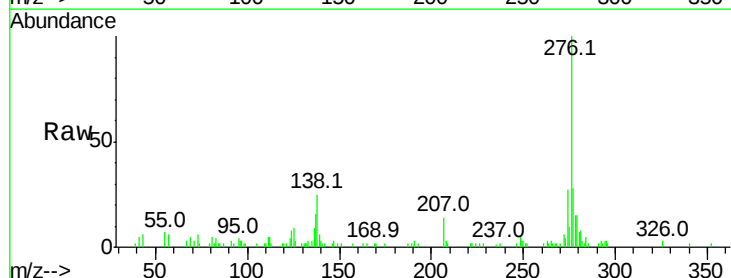
Tgt Ion:276 Resp: 39155

Ion	Ratio	Lower	Upper
276	100		
138	29.7	27.8	41.6
277	27.2	20.2	30.4

276 100

138 29.7 27.8 41.6

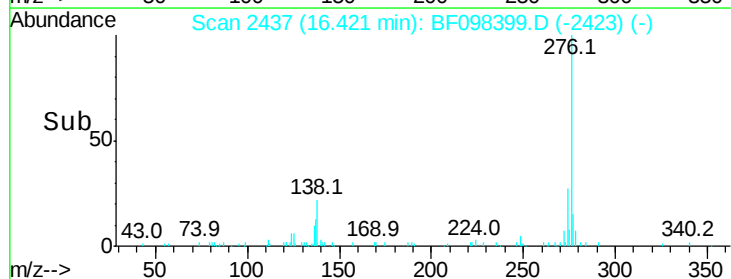
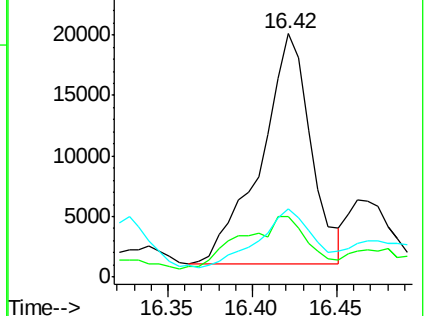
277 27.2 20.2 30.4

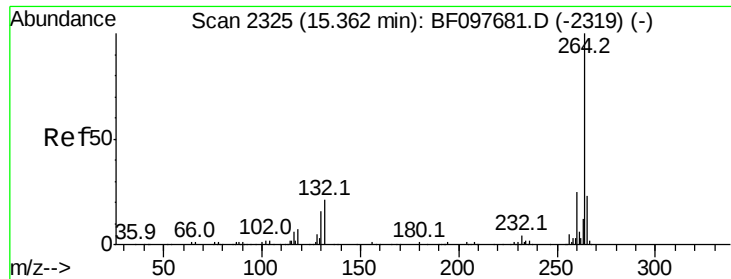


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

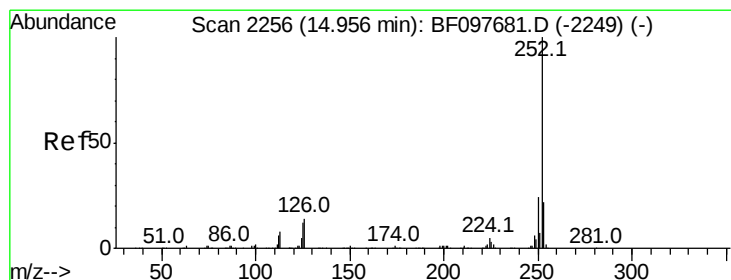
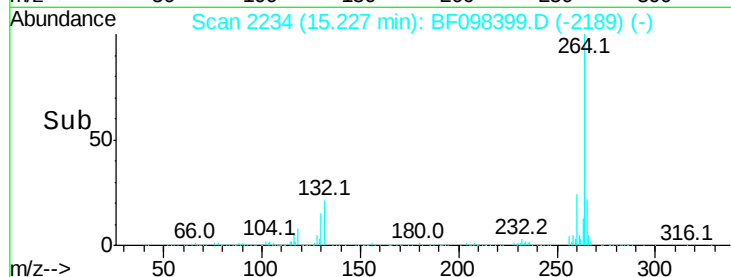
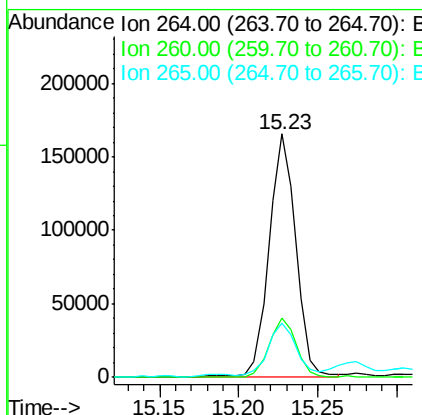
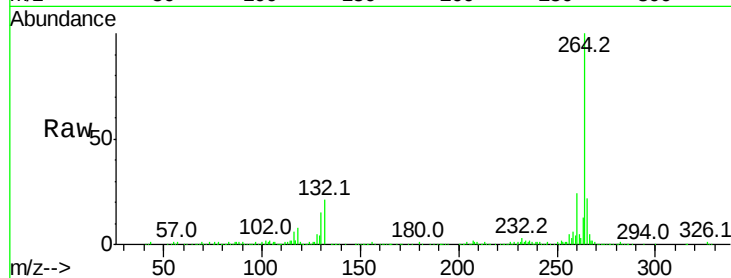




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

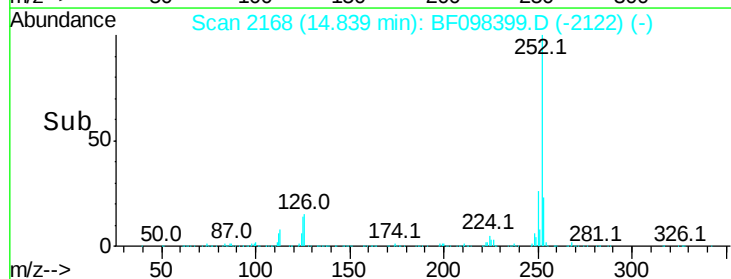
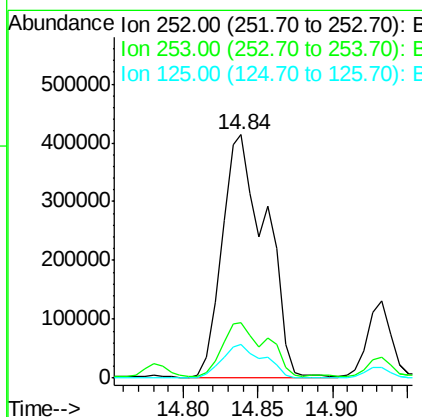
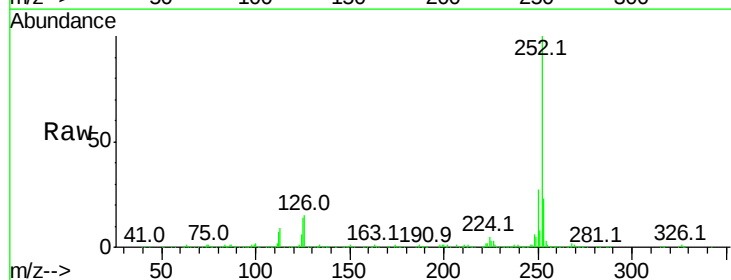
Instrument :
BNA_F
ClientSampleId :

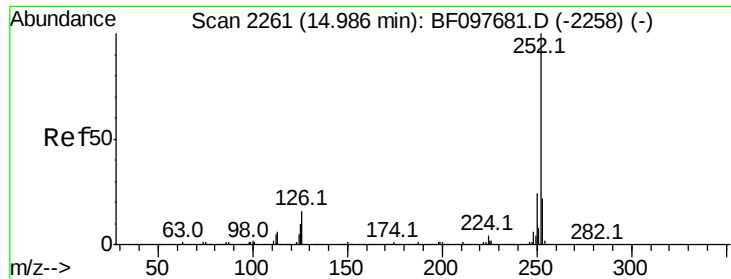
Tot Ion:264 Resp: 195951
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 22.4 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 67.978 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.03 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Tgt Ion:252 Resp: 839626
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 13.9 9.8 14.8

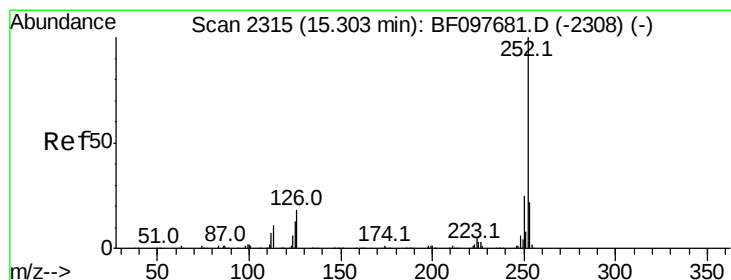
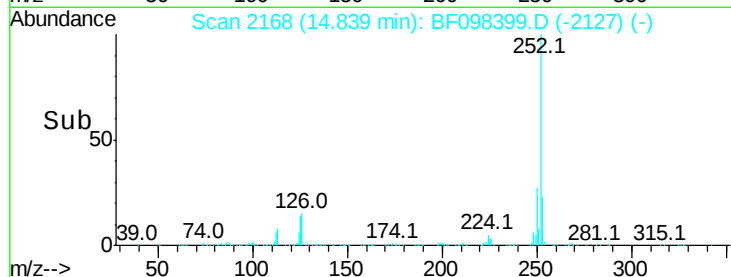
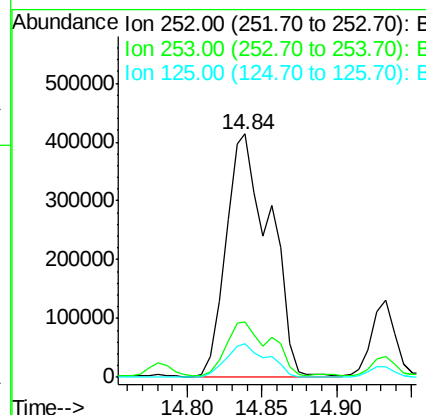
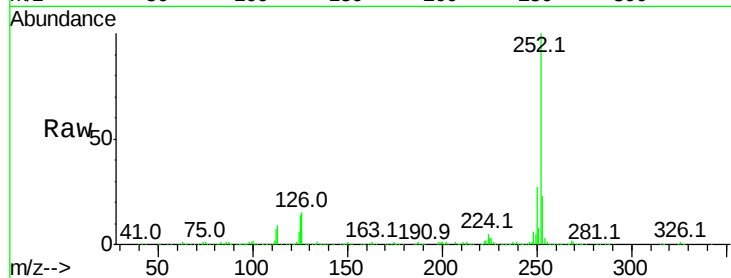




#88
Benzo(k)fluoranthene
Concen: 72.355 ng
RT: 14.84 min Scan# 2168
Delta R.T. -0.06 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

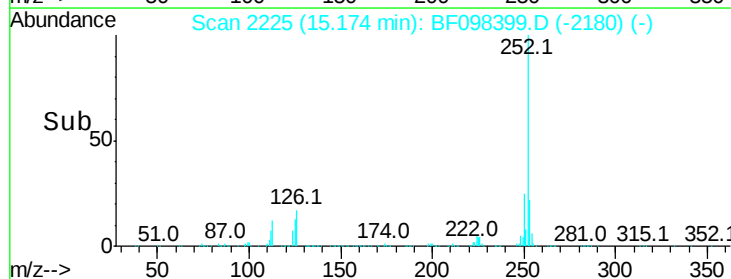
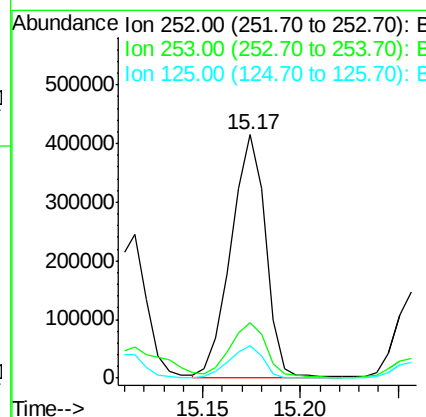
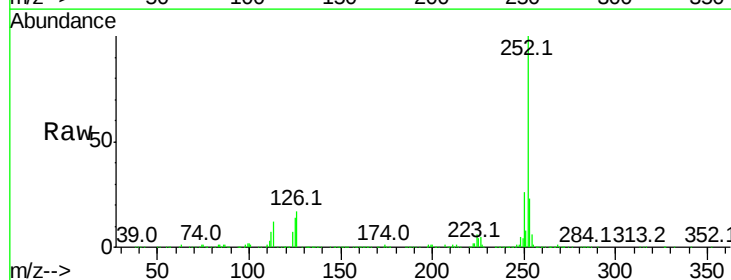
Instrument :
BNA_F
ClientSampleId :

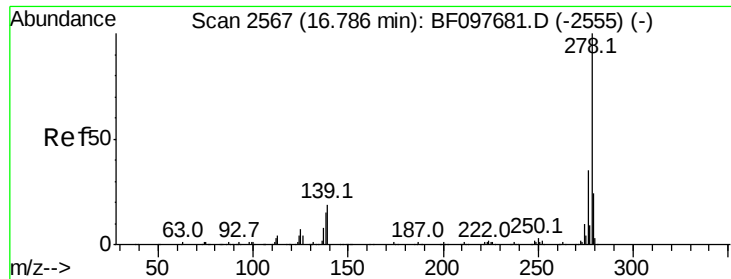
Tot Ion:252 Resp: 839626
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.9 13.1 19.7



#89
Benzo(a)pyrene
Concen: 46.296 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.04 min
Lab File: BF098399.D
Acq: 9 Sep 2017 21:26

Tgt Ion:252 Resp: 506214
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 13.5 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 2.399 ng

RT: 16.78 min Scan# 2498

Delta R.T. 0.13 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

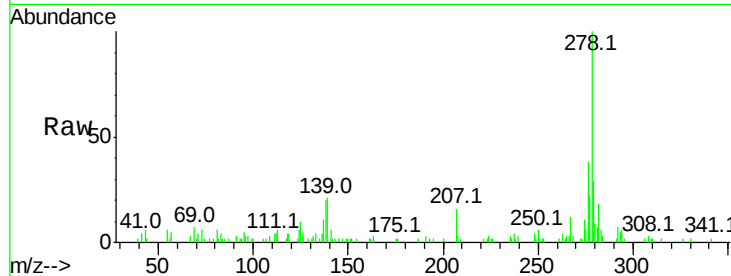
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 21354

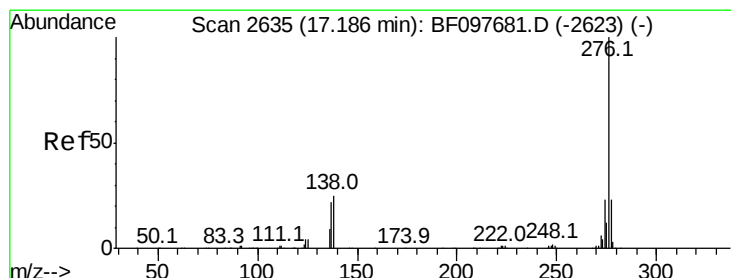
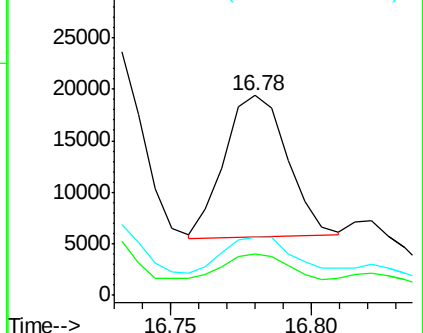
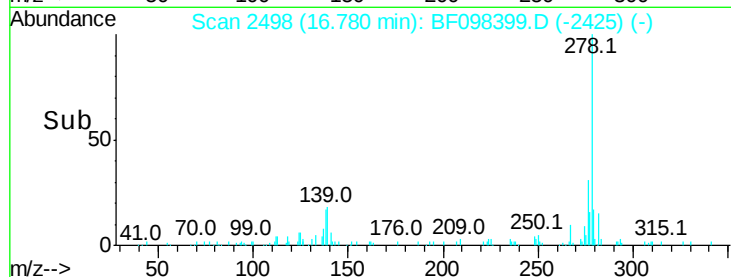
Ion	Ratio	Lower	Upper
278	100		
139	21.0	16.6	24.8
279	28.8	19.3	28.9



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: 11.495 ng

RT: 17.19 min Scan# 2568

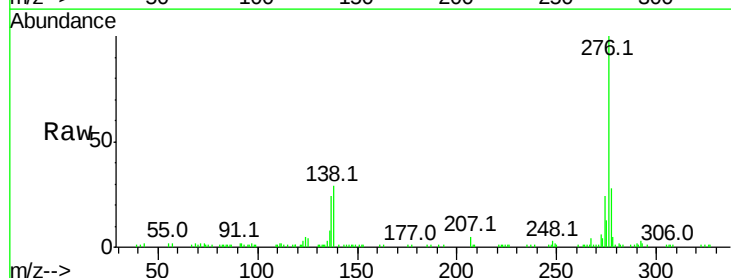
Delta R.T. 0.14 min

Lab File: BF098399.D

Acq: 9 Sep 2017 21:26

Tgt Ion:276 Resp: 106768

Ion	Ratio	Lower	Upper
276	100		
277	27.5	18.6	28.0
138	29.1	25.4	38.0



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

