

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098981.D
 Acq On : 30 Sep 2017 23:49
 Operator : SJ/JU
 Sample : I5563-03 50X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 01 01:34:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	108464	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	401501	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	152499	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	232892	20.00	ng	0.00
75) Chrysene-d12	14.09	240	186865	20.00	ng	0.00
86) Perylene-d12	15.58	264	137838	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	14329	2.10	ng	-0.01
7) Phenol-d6	6.53	99	18065	2.15	ng	-0.01
23) Nitrobenzene-d5	7.47	82	9110	1.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	1704	1.37	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	20322	2.22	ng	-0.01
78) Terphenyl-d14	13.02	244	17501	2.13	ng	-0.01

Target Compounds

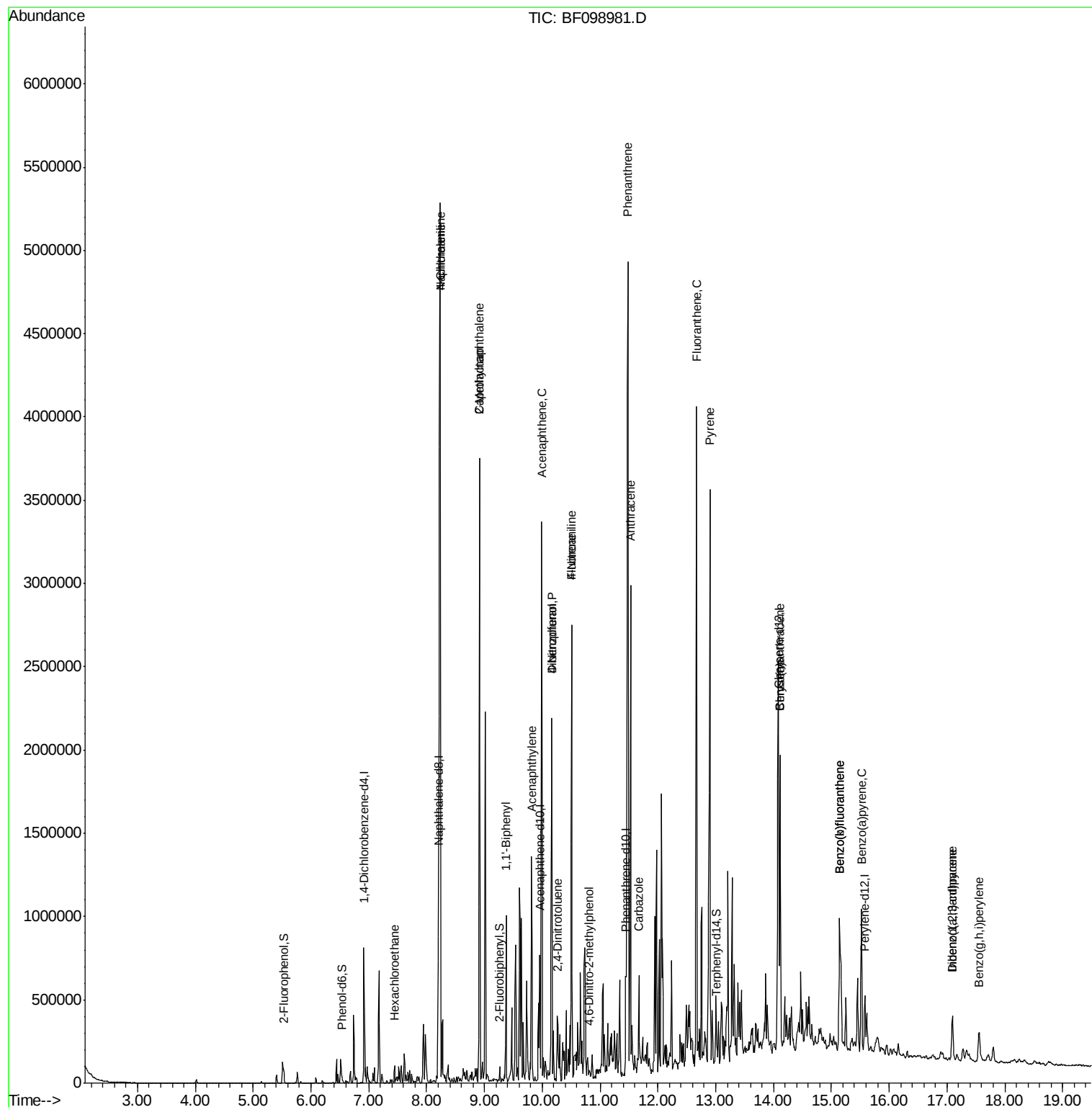
						Qvalue
18) Hexachloroethane	7.45	117	7593	2.569	ng	# 1
31) Naphthalene	8.23	128	3131808	166.082	ng	99
33) 4-Chloroaniline	8.23	127	436520	55.433	ng	# 35
35) Caprolactam	8.92	113	22971	12.932	ng	# 1
37) 2-Methylnaphthalene	8.92	142	1061546	86.596	ng	99
45) 1,1'-Biphenyl	9.37	154	299365	22.841	ng	98
48) Acenaphthylene	9.82	152	422985	28.079	ng	98
51) Acenaphthene	9.99	154	686774	71.970	ng	99
54) Dibenzofuran	10.16	168	792756	62.395	ng	98
55) 4-Nitrophenol	10.16	139	309366	125.223	ng	# 10
56) 2,4-Dinitrotoluene	10.26	165	11571	3.558	ng	# 60
57) Fluorene	10.51	166	812698	79.582	ng	98
61) 4-Nitroaniline	10.50	138	9535	3.383	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	3162	2.232	ng	# 48
70) Phenanthrene	11.48	178	2470276	198.160	ng	99
71) Anthracene	11.53	178	1044260	81.870	ng	100
72) Carbazole	11.67	167	229949	18.410	ng	100
74) Fluoranthene	12.67	202	1769554	140.182	ng	100
77) Pyrene	12.90	202	1527522	107.201	ng	100
80) Benzo(a)anthracene	14.12	228	574815	50.800	ng	93
82) Chrysene	14.12	228	574815	53.359	ng	98
85) Indeno(1,2,3-cd)pyrene	17.09	276	156810	18.197	ng	98
87) Benzo(b)fluoranthene	15.14	252	682940	80.584	ng	# 94
88) Benzo(k)fluoranthene	15.14	252	682940	81.588	ng	97
89) Benzo(a)pyrene	15.52	252	390936	50.253	ng	# 94
90) Dibenzo(a,h)anthracene	17.10	278	44116	7.086	ng	# 85
91) Benzo(g,h,i)perylene	17.56	276	133129	21.633	ng	97

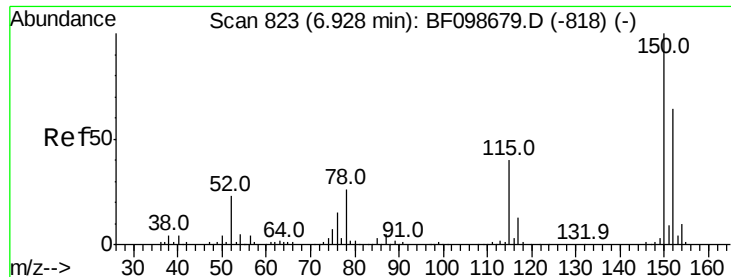
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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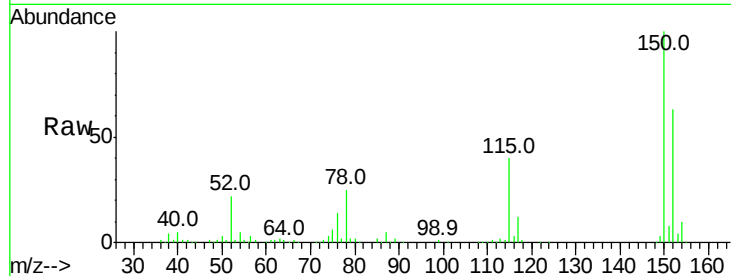


#1

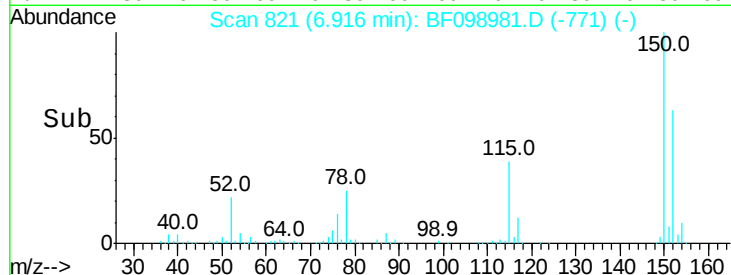
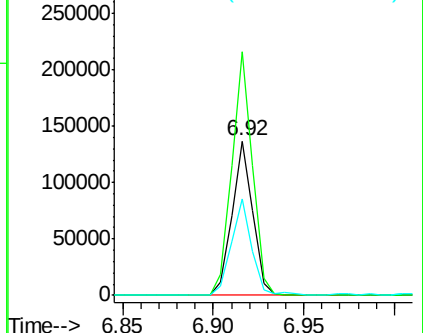
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.6	124.6	186.8
115	62.4	50.1	75.1



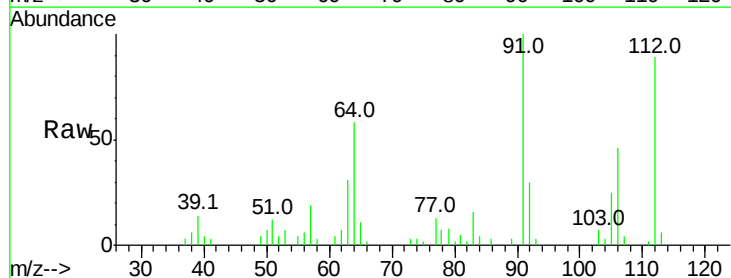
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



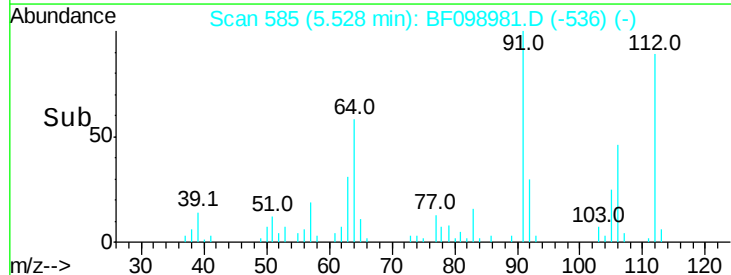
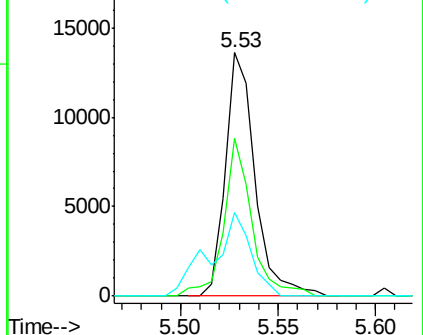
#5

2-Fluorophenol
Concen: 2.103 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	47.9	71.9
63	34.3	23.7	35.5



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: 2.149 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampled :

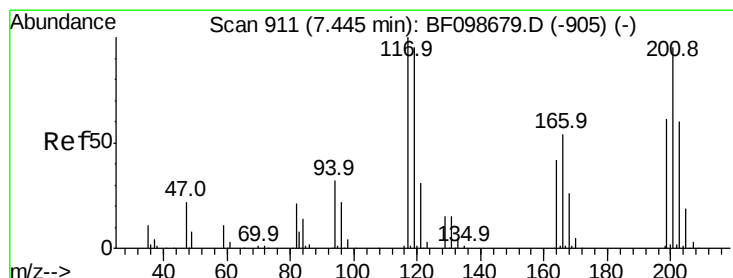
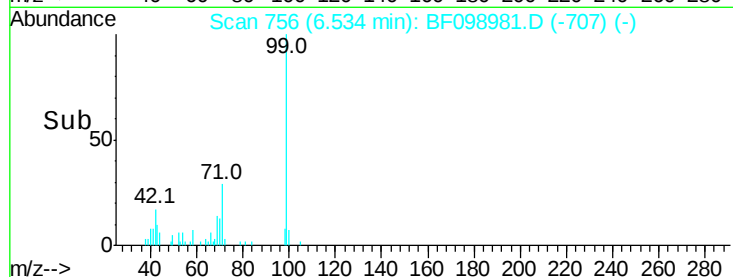
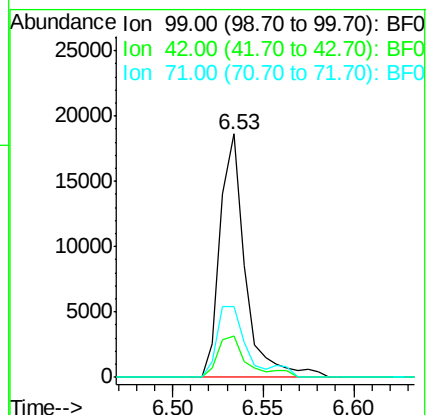
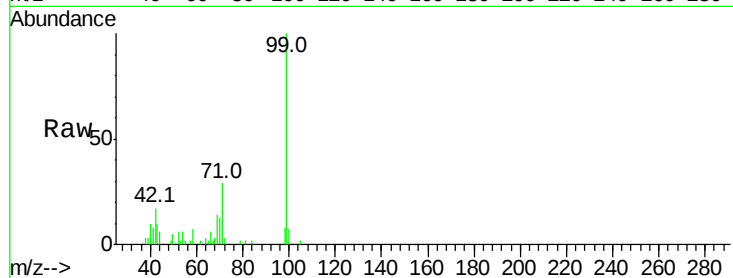
Tot Ion: 99 Resp: 18065

Ion Ratio Lower Upper

99 100

42 16.9 14.5 21.7

71 29.0 25.4 38.0



#18

Hexachloroethane

Concen: 2.569 ng

RT: 7.45 min Scan# 911

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

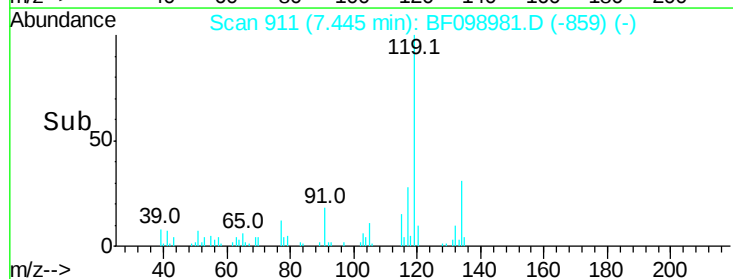
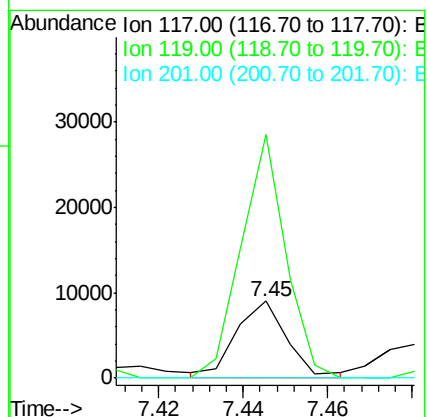
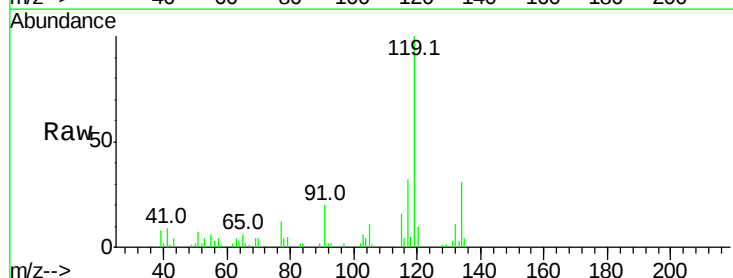
Tgt Ion: 117 Resp: 7593

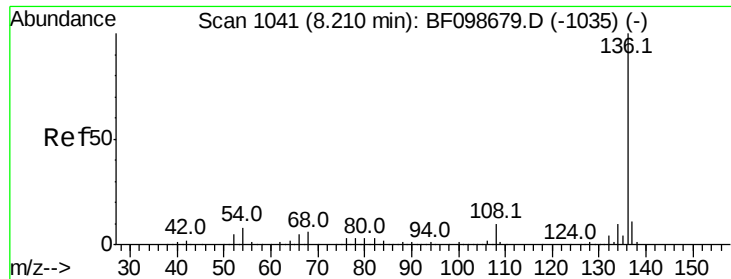
Ion Ratio Lower Upper

117 100

119 315.6 75.8 113.8#

201 0.0 75.7 113.5#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 401501

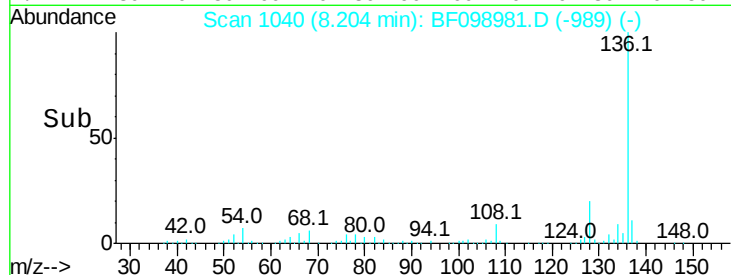
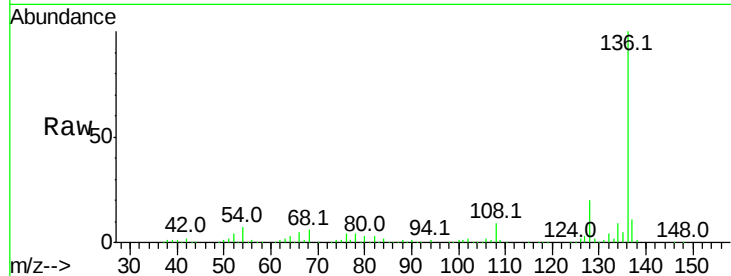
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

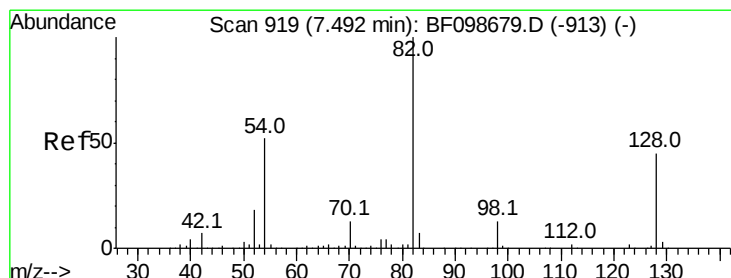
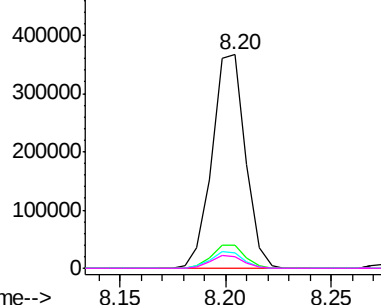


Abundance Ion 136.00 (135.70 to 136.70): E

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: 1.455 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

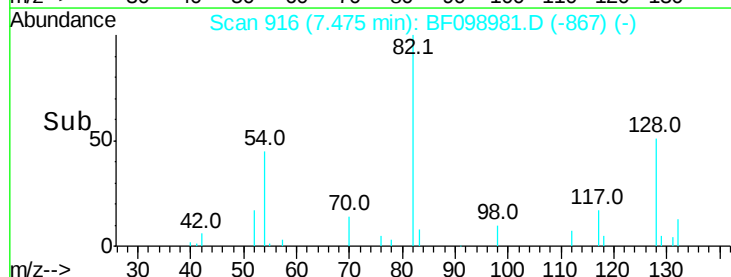
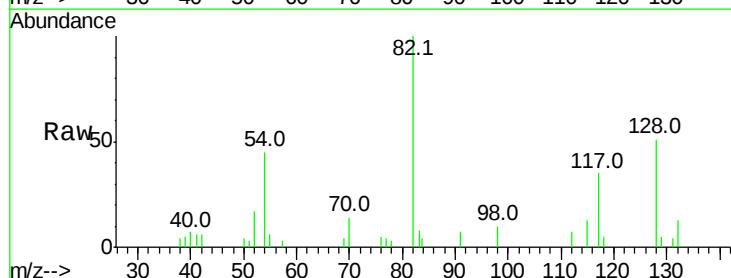
Tgt Ion: 82 Resp: 9110

Ion Ratio Lower Upper

82 100

128 51.4 36.1 54.1

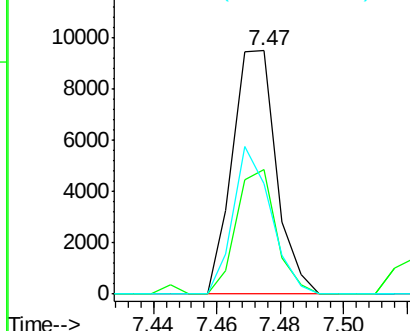
54 45.4 41.4 62.2

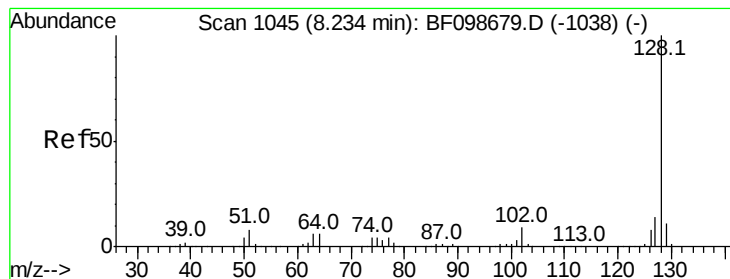


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 166.082 ng

RT: 8.23 min Scan# 1045

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

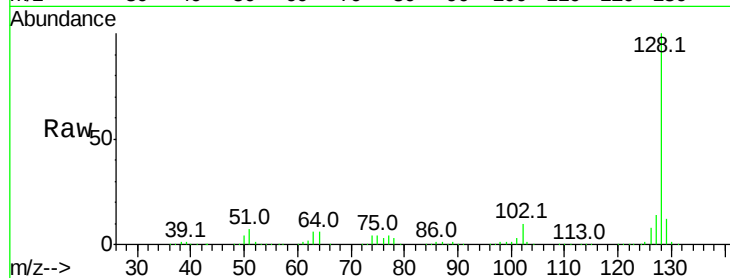
Tot Ion:128 Resp: 3131808

Ion Ratio Lower Upper

128 100

129 11.6 8.8 13.2

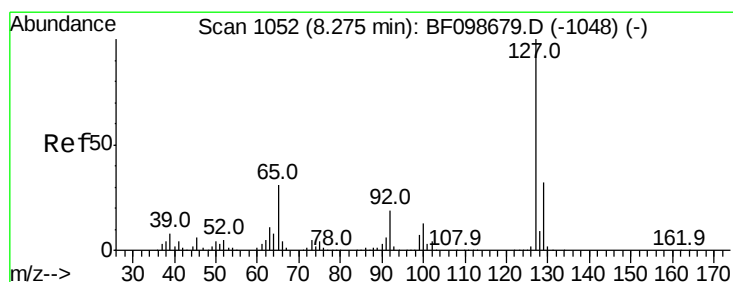
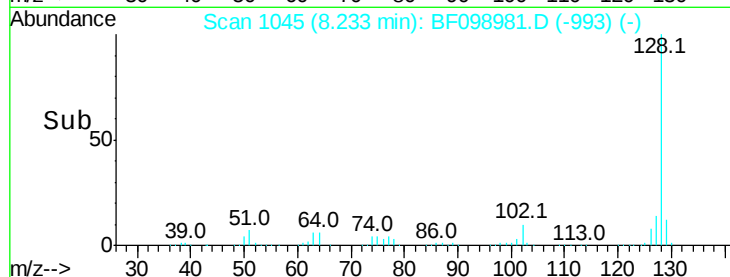
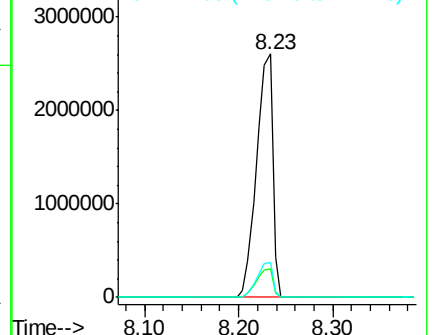
127 14.2 10.9 16.3



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: 55.433 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.04 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Tgt Ion:127 Resp: 436520

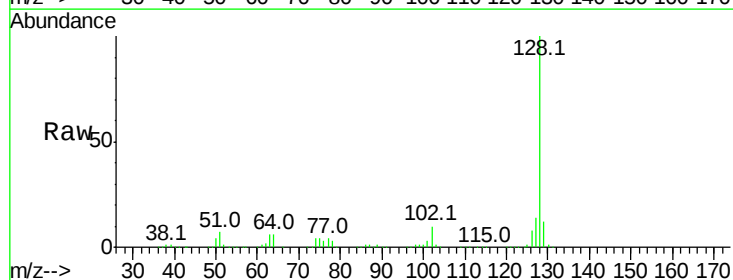
Ion Ratio Lower Upper

127 100

129 81.5 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

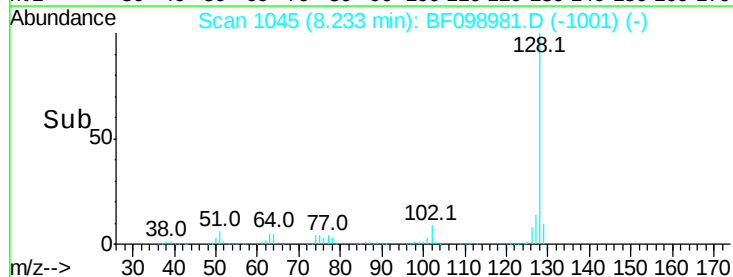
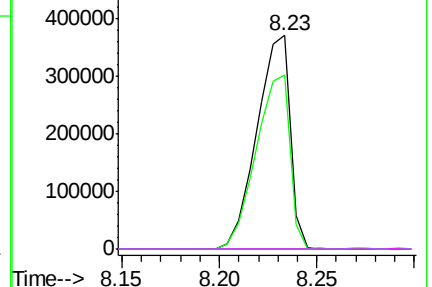


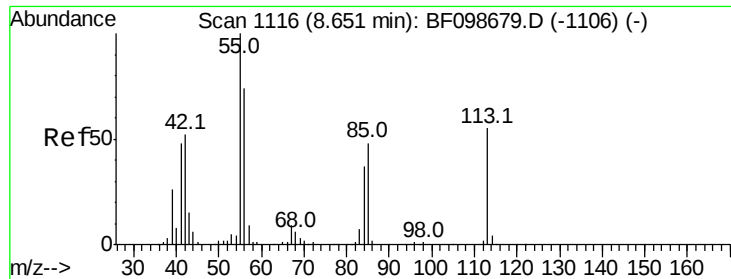
Abundance Ion 127.00 (126.70 to 127.70): E

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: 12.932 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.26 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

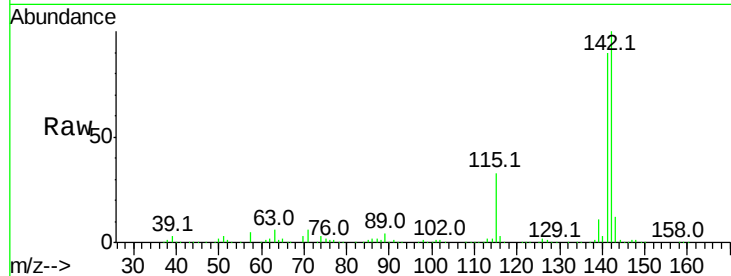
Tot Ion:113 Resp: 22971

Ion Ratio Lower Upper

113 100

55 9.5 163.3 203.3#

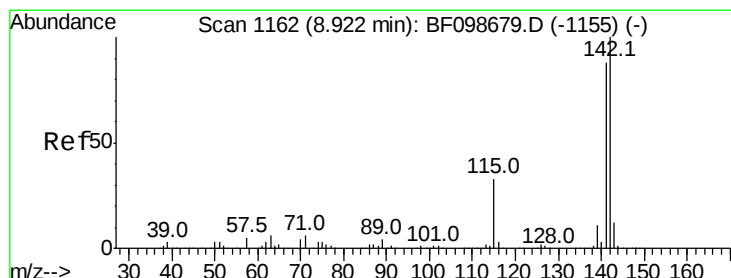
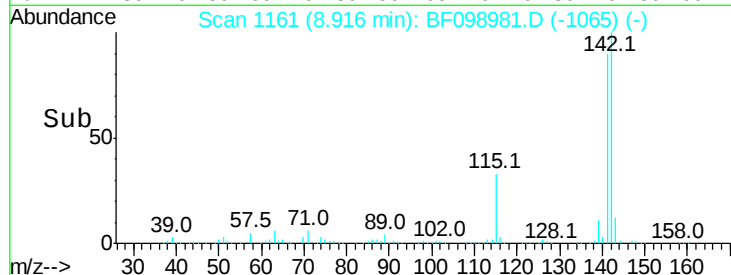
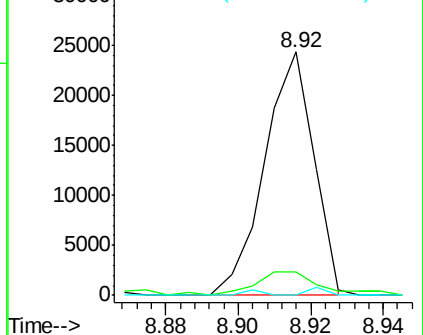
56 0.0 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 86.596 ng

RT: 8.92 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

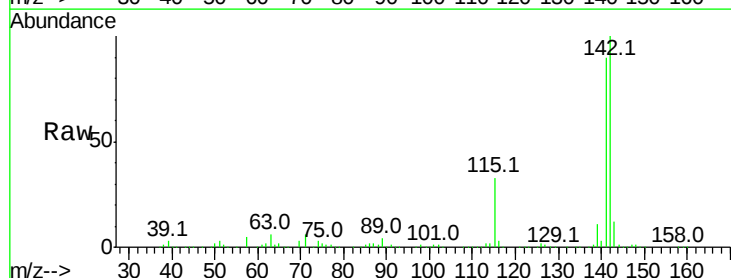
Tgt Ion:142 Resp: 1061546

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

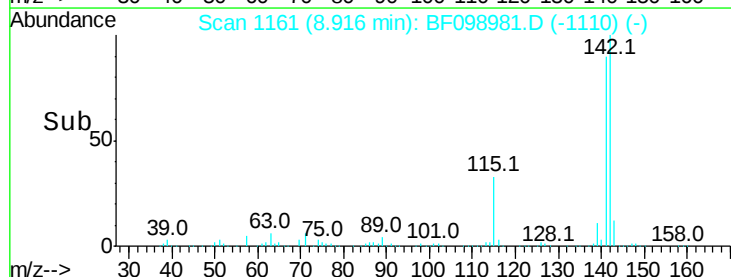
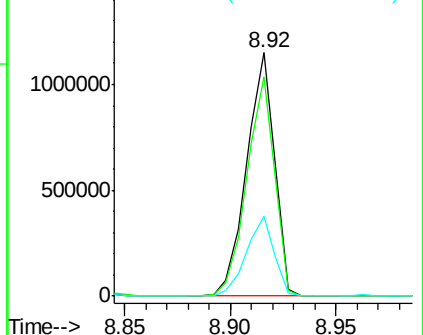
115 32.7 26.1 39.1

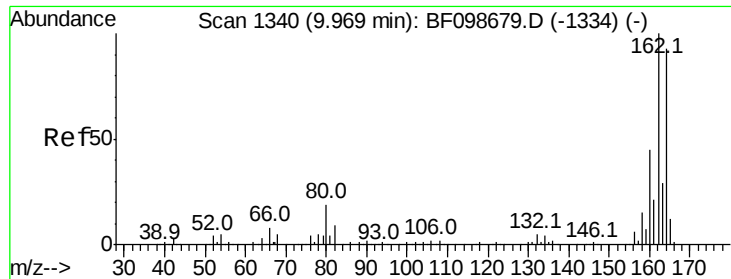


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

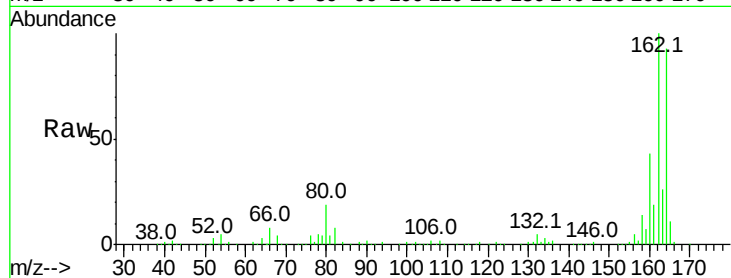




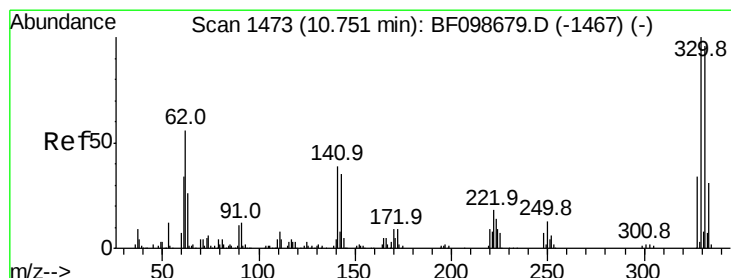
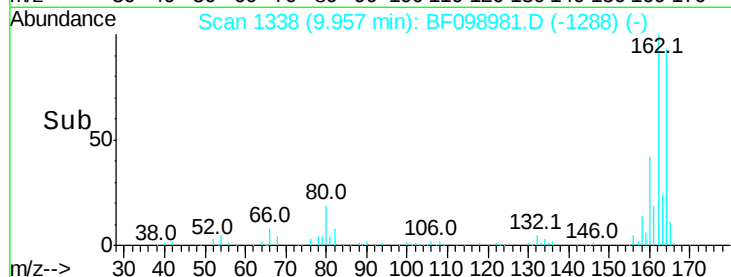
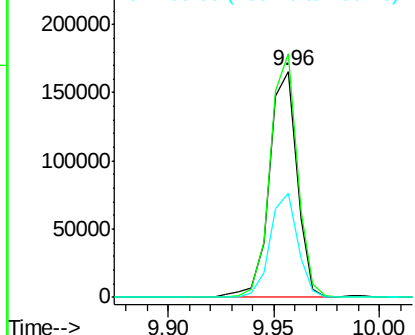
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 152499
 Ion Ratio Lower Upper
 164 100
 162 107.6 86.1 129.1
 160 45.9 38.3 57.5

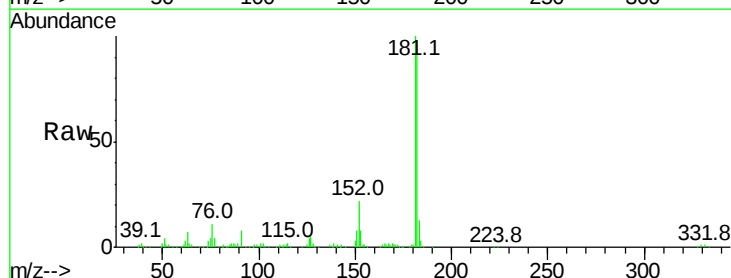


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

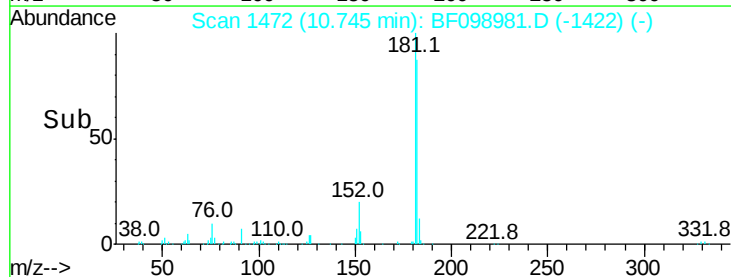
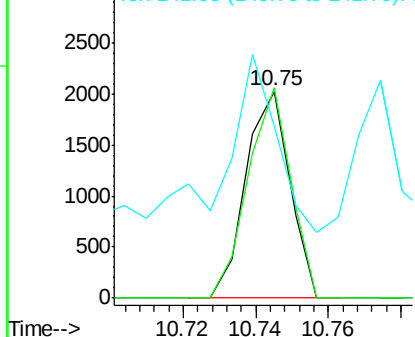


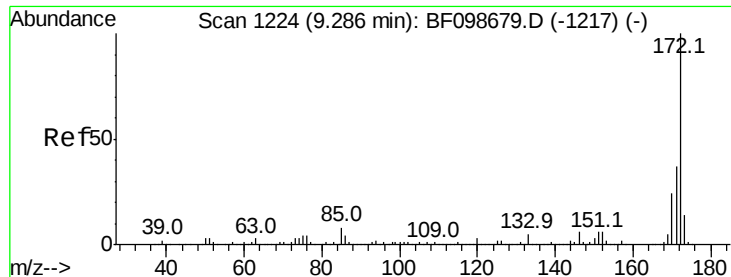
#41
 2,4,6-Tribromophenol
 Concen: 1.366 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Tgt Ion:330 Resp: 1704
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 120.7 29.9 44.9#



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

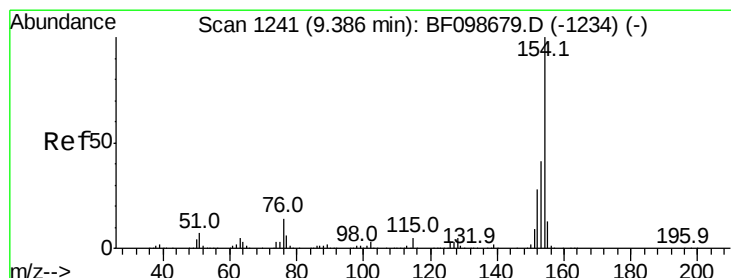
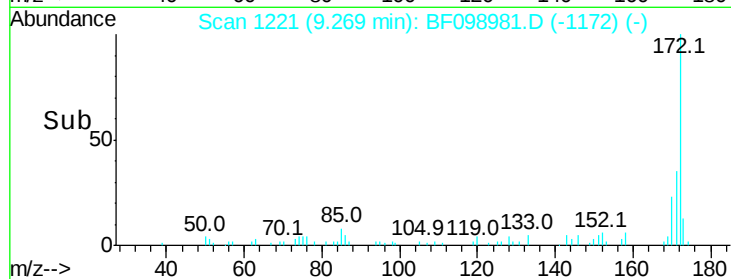
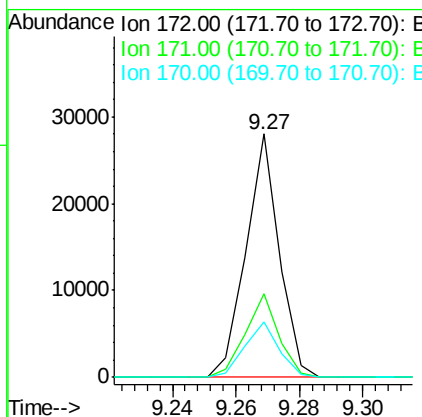
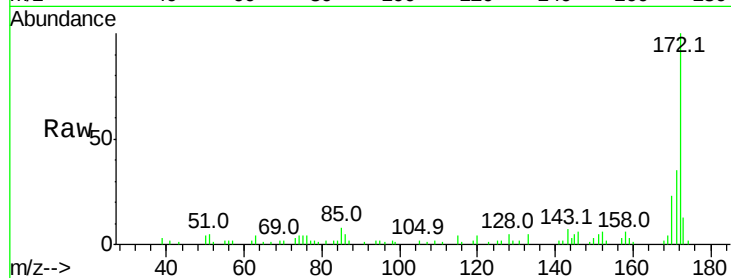




#44
 2-Fluorobiphenyl
 Concen: 2.225 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

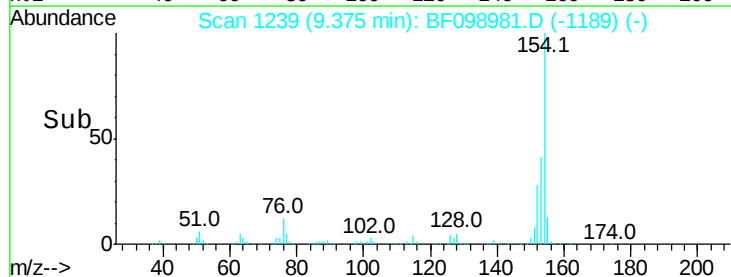
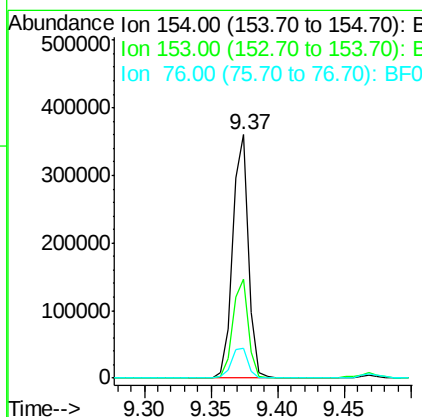
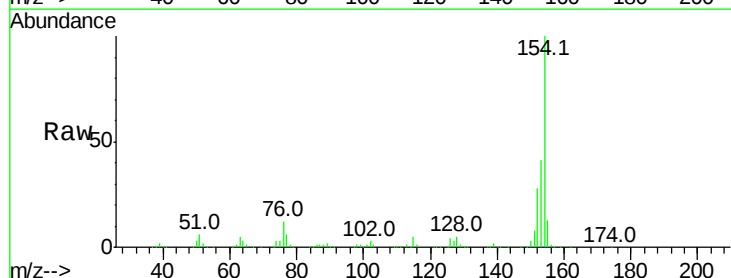
Instrument :
 BNA_F
 ClientSampleId :

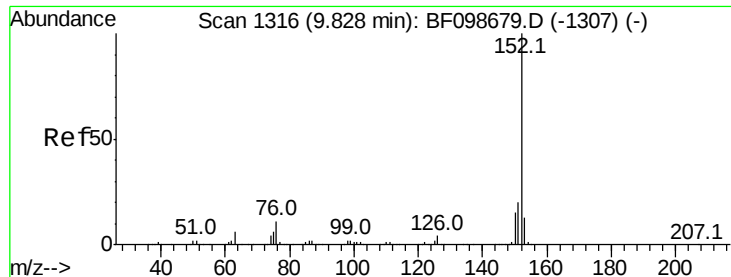
Tot Ion:172 Resp: 20322
 Ion Ratio Lower Upper
 172 100
 171 34.6 29.7 44.5
 170 22.8 19.6 29.4



#45
 1,1'-Biphenyl
 Concen: 22.841 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Tgt Ion:154 Resp: 299365
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.3 61.3
 76 12.3 0.0 34.0





#48

Acenaphthylene

Concen: 28.079 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

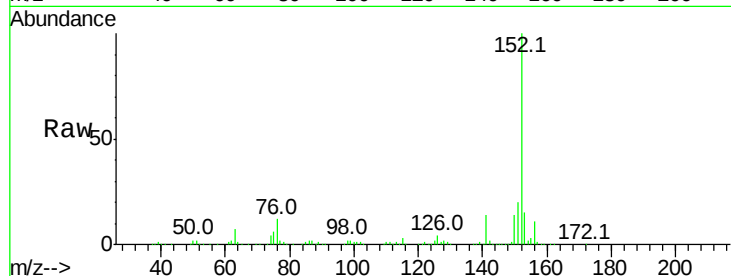
Tot Ion:152 Resp: 422985

Ion Ratio Lower Upper

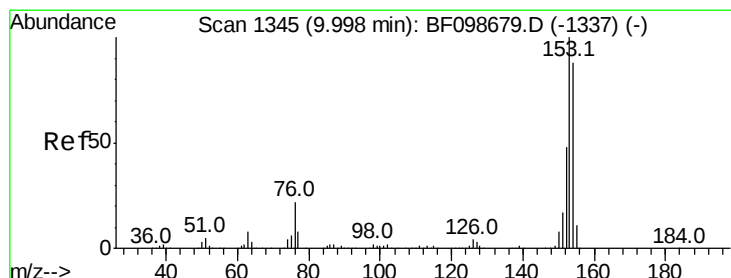
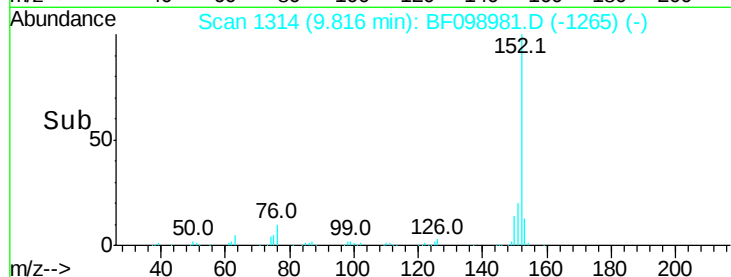
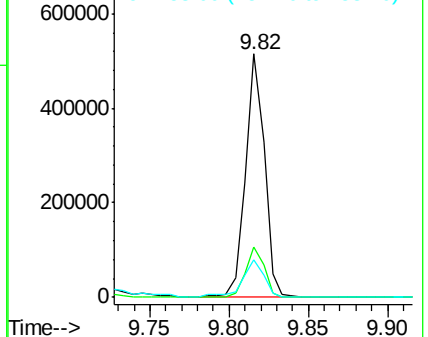
152 100

151 20.4 16.3 24.5

153 15.4 10.7 16.1



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



#51

Acenaphthene

Concen: 71.970 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

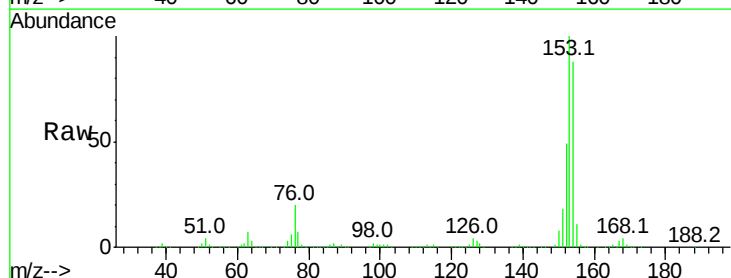
Tgt Ion:154 Resp: 686774

Ion Ratio Lower Upper

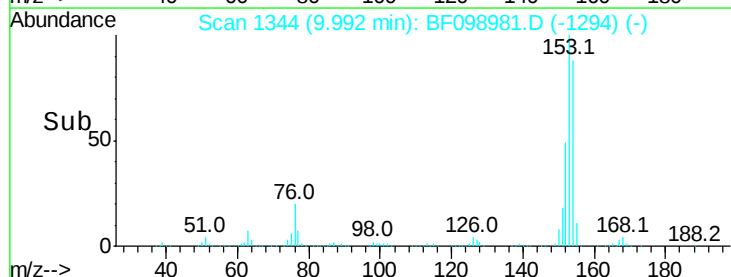
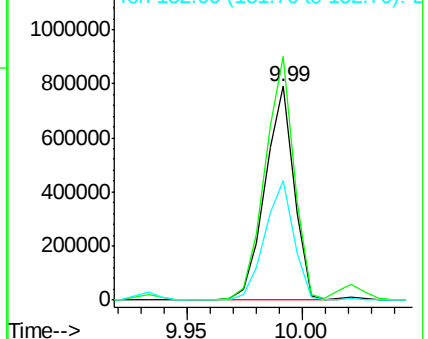
154 100

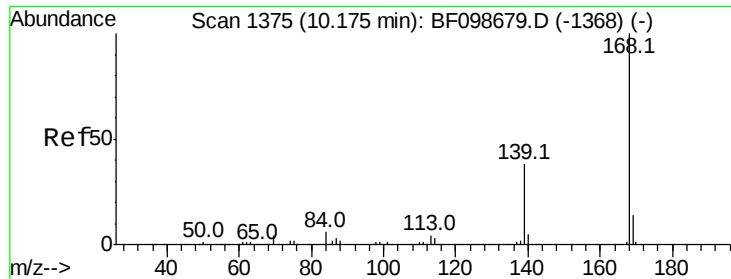
153 113.8 91.2 136.8

152 56.0 43.8 65.8



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: 62.395 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

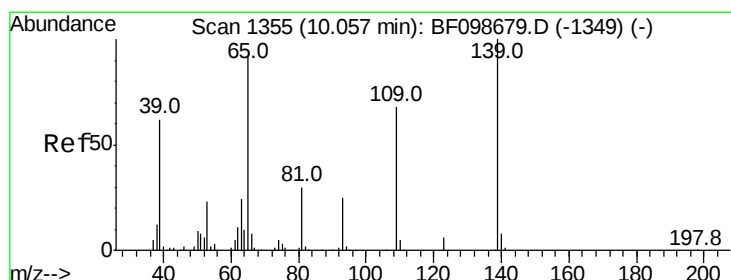
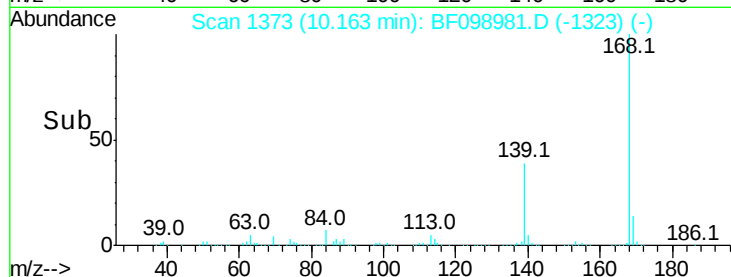
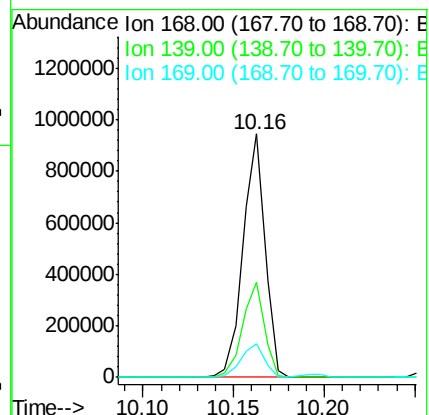
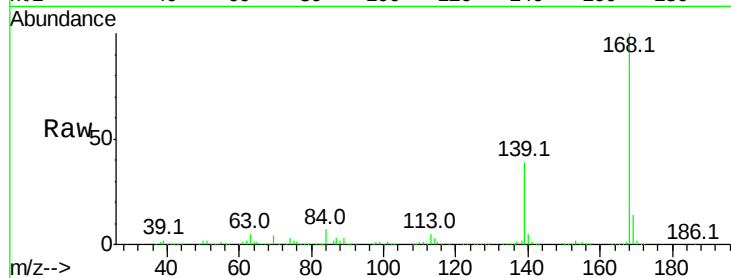
Tot Ion:168 Resp: 792756

Ion Ratio Lower Upper

168 100

139 38.8 30.1 45.1

169 13.9 10.9 16.3



#55

4-Nitrophenol

Concen: 125.223 ng

RT: 10.16 min Scan# 1373

Delta R.T. 0.11 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

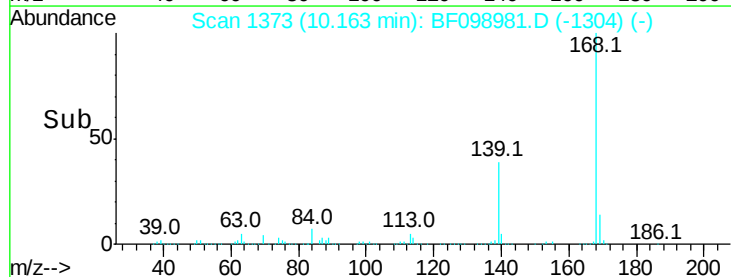
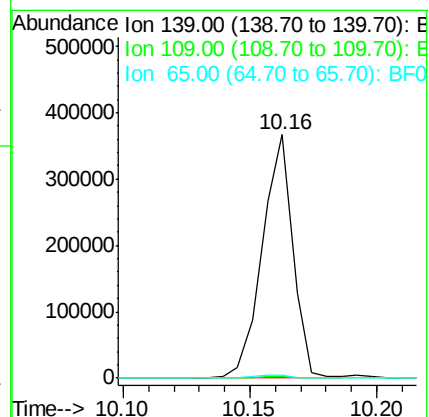
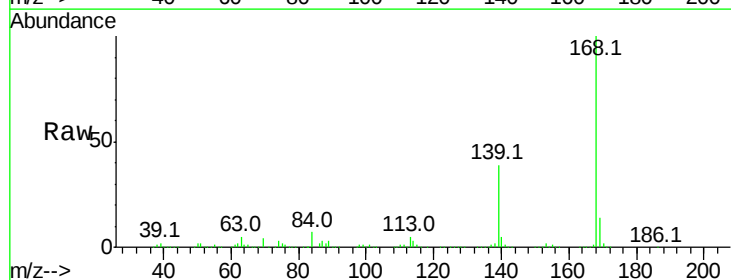
Tgt Ion:139 Resp: 309366

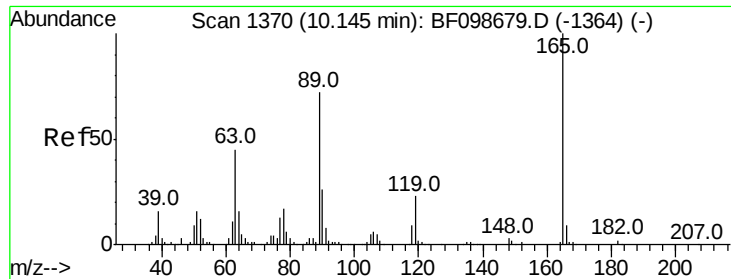
Ion Ratio Lower Upper

139 100

109 0.8 48.4 88.4#

65 1.4 72.6 112.6#

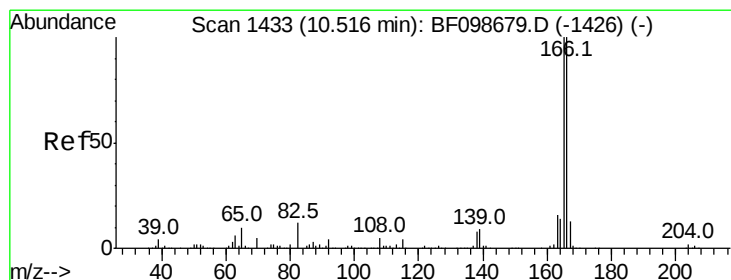
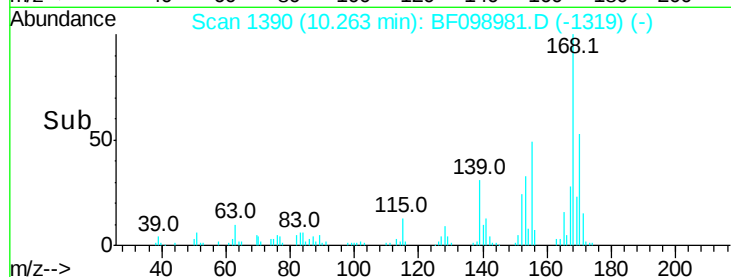
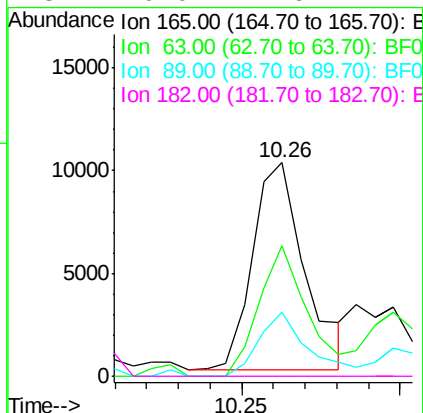
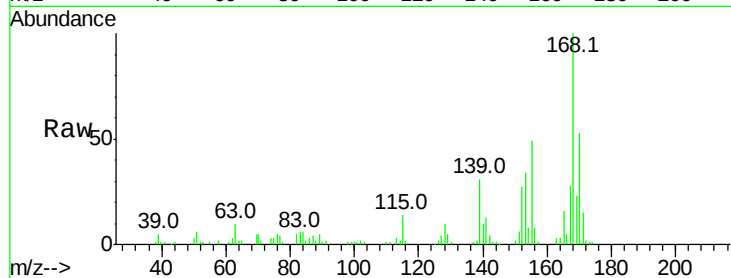




#56
2,4-Dinitrotoluene
Concen: 3.558 ng
RT: 10.26 min Scan# 1390
Delta R.T. 0.12 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

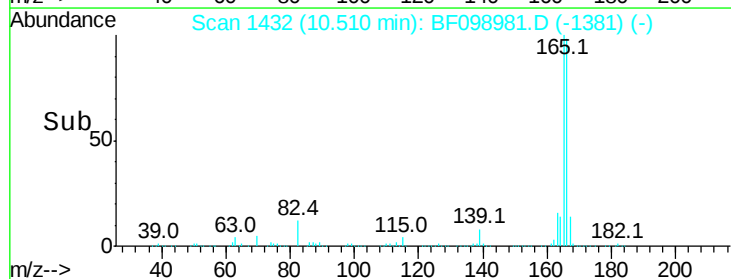
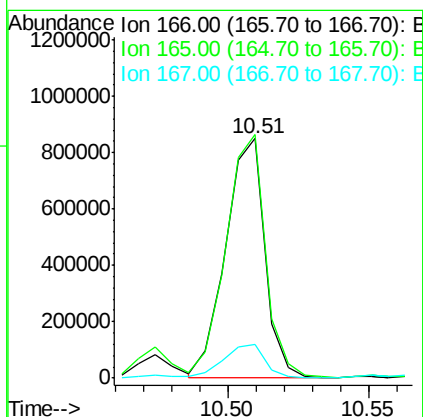
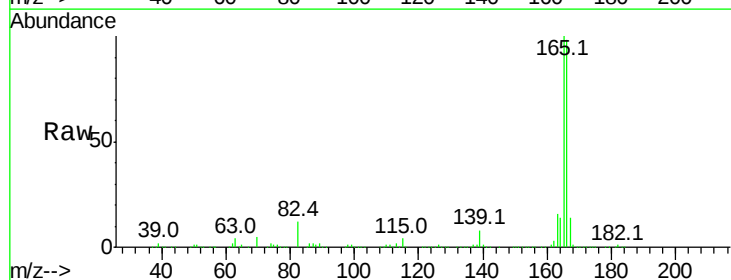
Instrument :
BNA_F
ClientSampleId :

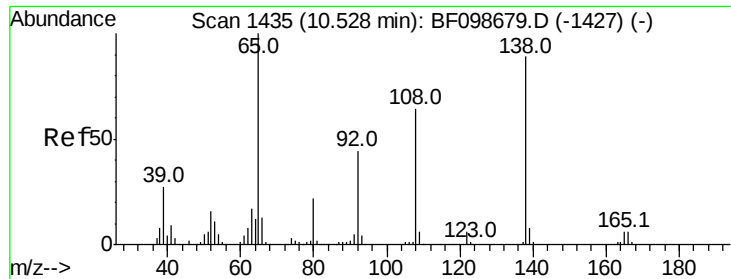
Tot Ion:165 Resp: 11571
Ion Ratio Lower Upper
165 100
63 61.3 36.4 54.6#
89 30.2 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 79.582 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Tgt Ion:166 Resp: 812698
Ion Ratio Lower Upper
166 100
165 101.7 79.8 119.8
167 14.2 10.6 16.0

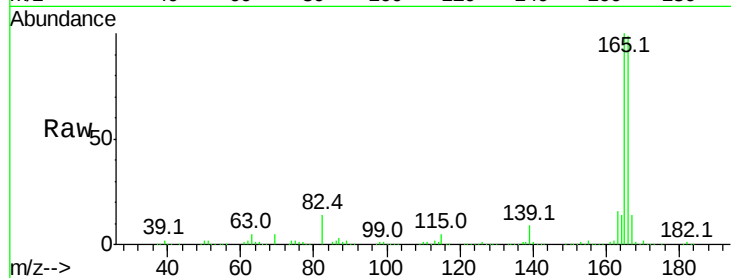




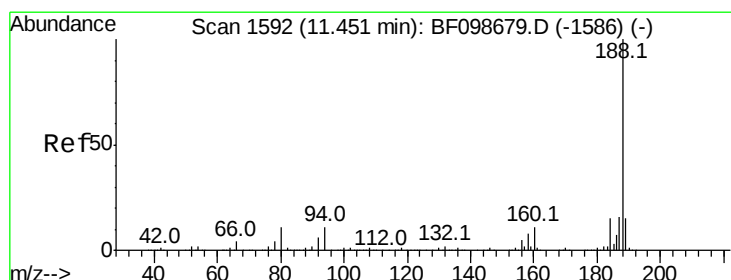
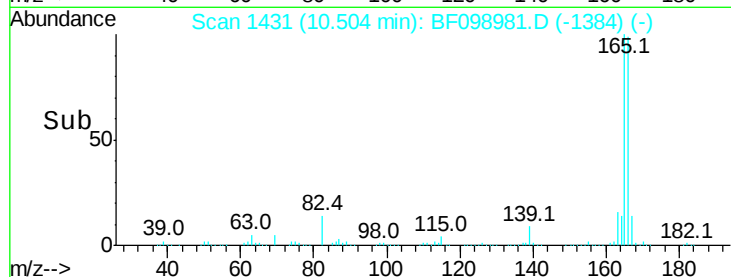
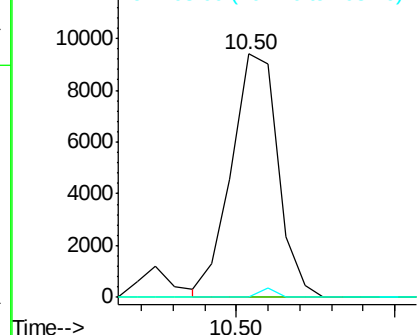
#61
4-Nitroaniline
Concen: 3.383 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 9535
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

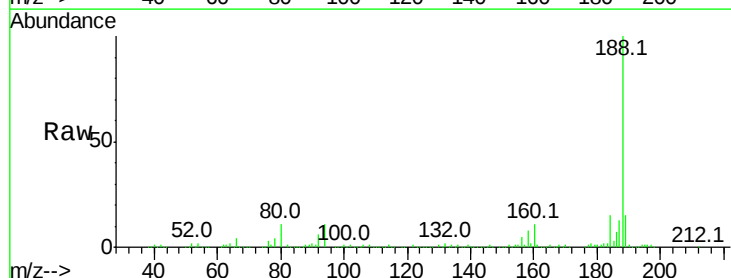


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

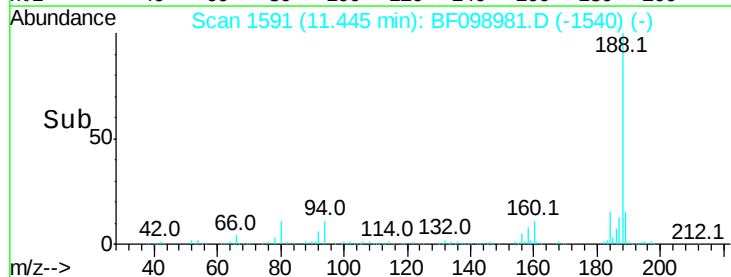
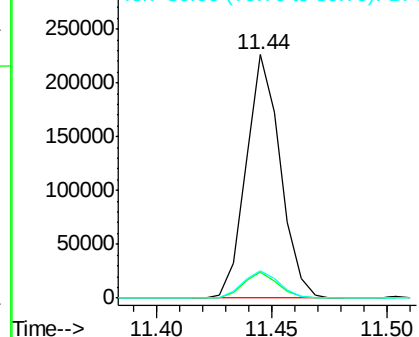


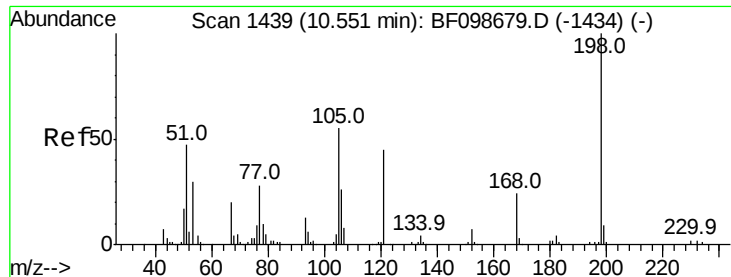
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Tgt Ion:188 Resp: 232892
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.3 9.2 13.8



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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.232 ng

RT: 10.82 min Scan# 1485

Delta R.T. 0.27 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampled :

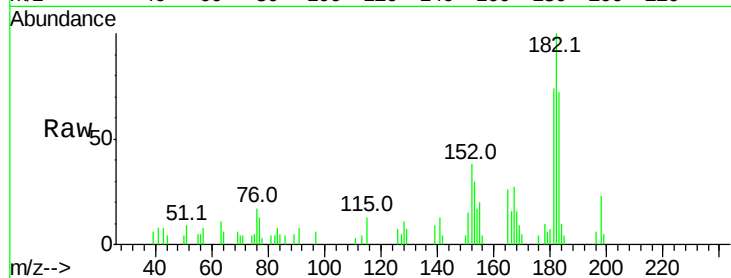
Tot Ion:198 Resp: 3162

Ion Ratio Lower Upper

198 100

51 37.9 37.7 77.7

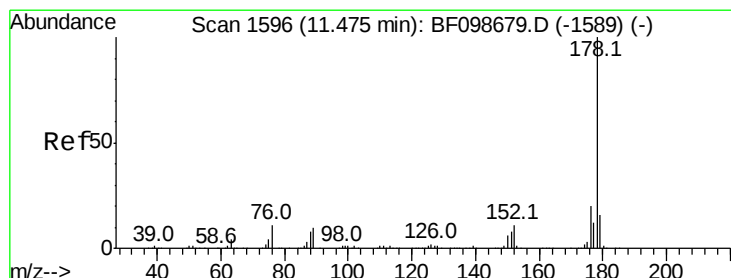
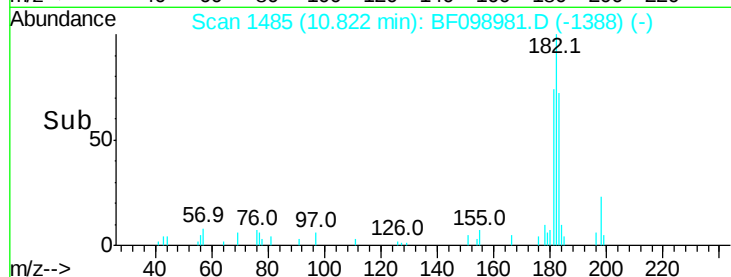
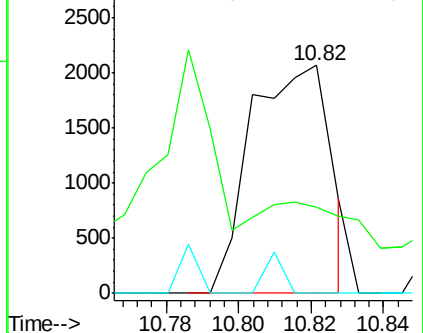
105 0.0 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#70

Phenanthrene

Concen: 198.160 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

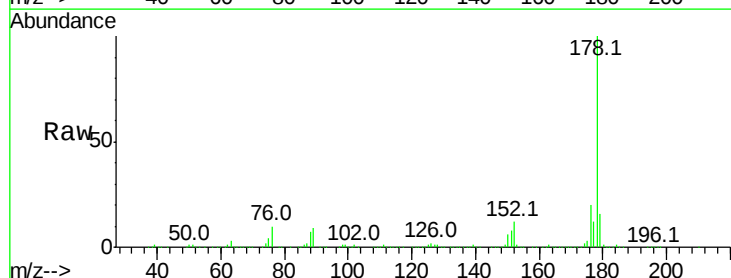
Tgt Ion:178 Resp: 2470276

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

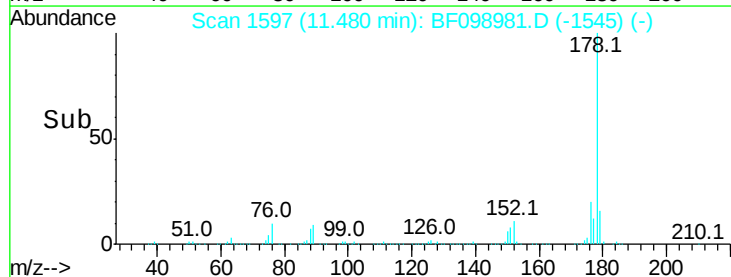
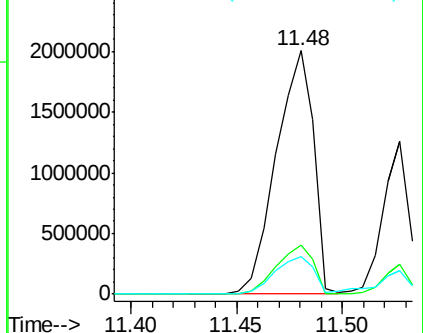
179 15.6 13.0 19.6

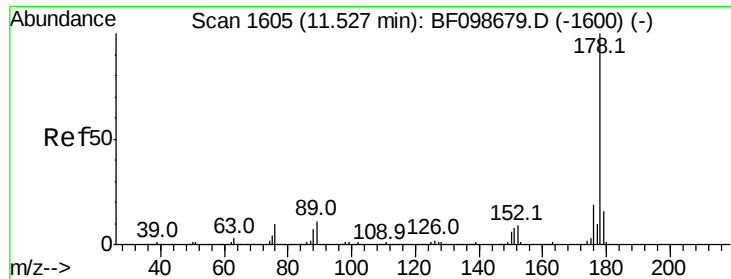


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

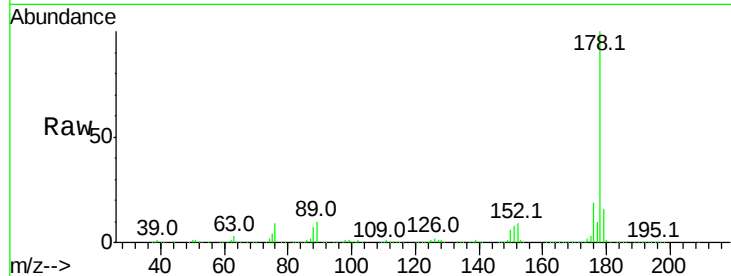




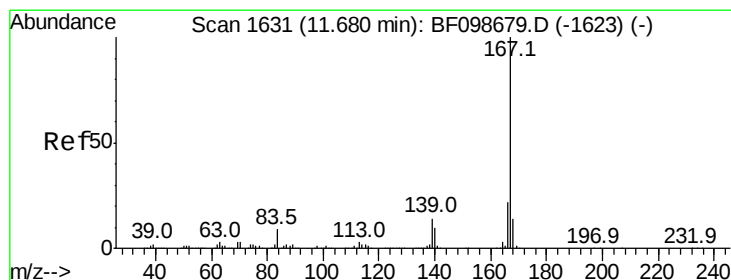
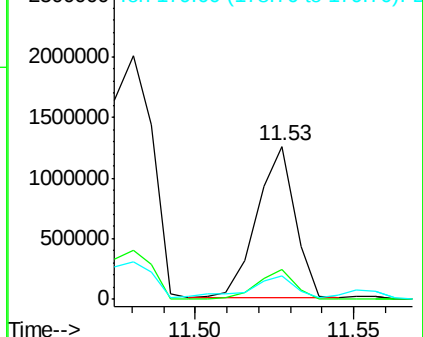
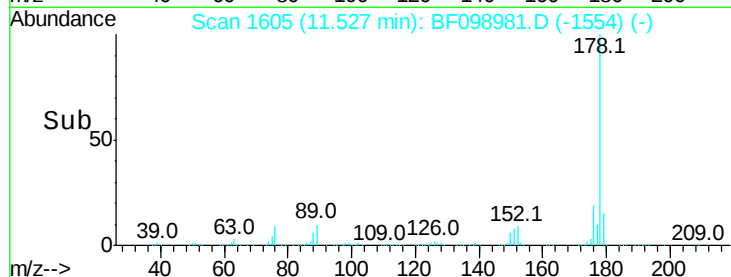
#71
 Anthracene
 Concen: 81.870 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.00 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 1044260
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.2
 179 15.8 12.6 19.0

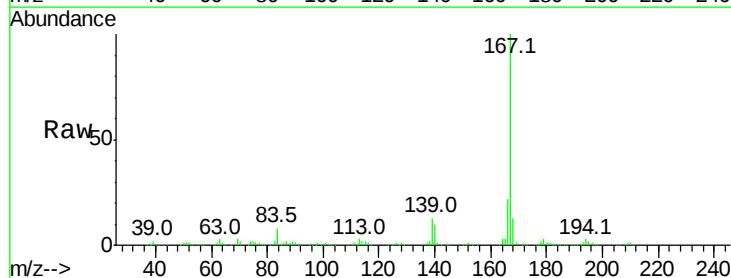


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

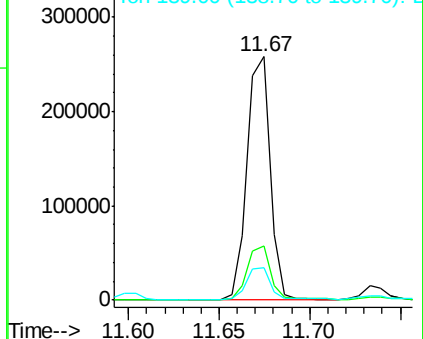
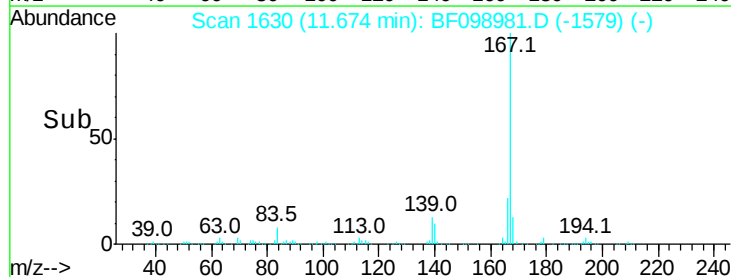


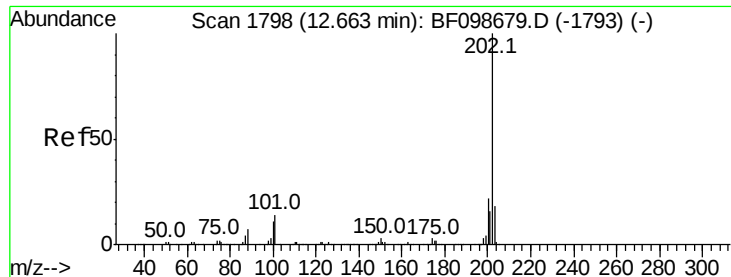
#72
 Carbazole
 Concen: 18.410 ng
 RT: 11.67 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Tgt Ion:167 Resp: 229949
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.6 26.4
 139 13.4 10.9 16.3



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: 140.182 ng

RT: 12.67 min Scan# 1799

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

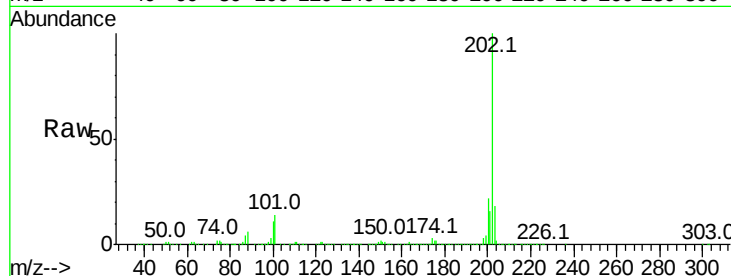
Tot Ion:202 Resp: 1769554

Ion Ratio Lower Upper

202 100

101 13.9 0.0 34.1

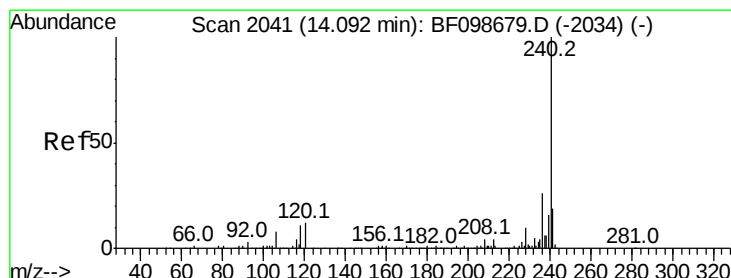
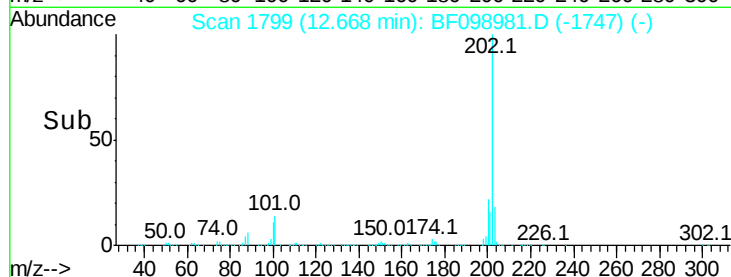
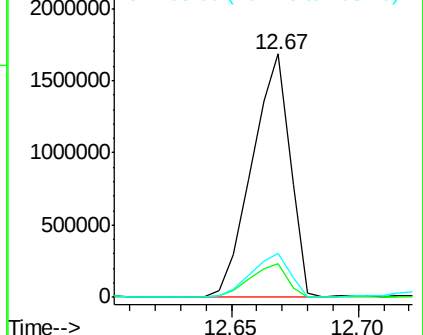
203 18.1 0.0 38.1



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: 14.09 min Scan# 2041

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

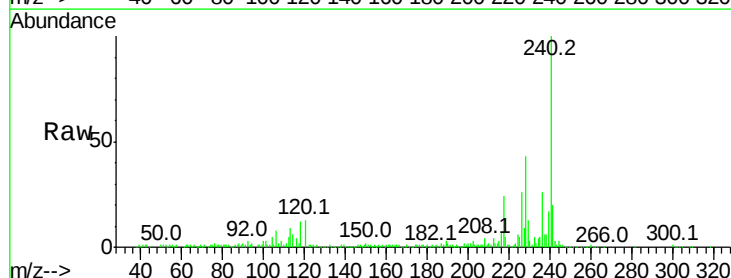
Tgt Ion:240 Resp: 186865

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

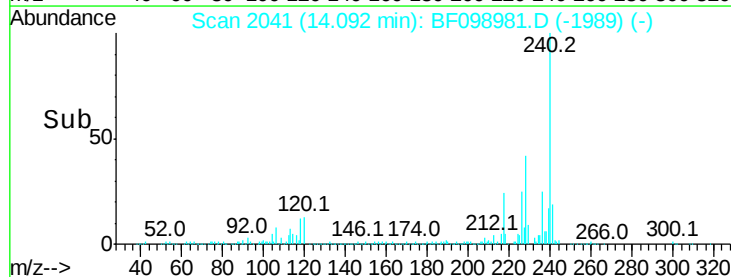
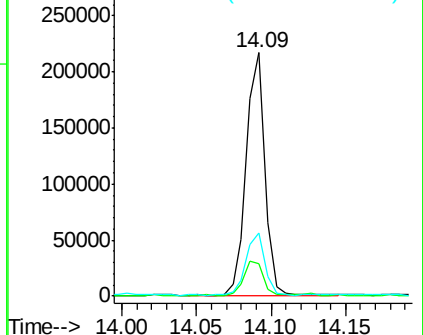
236 25.7 20.7 31.1

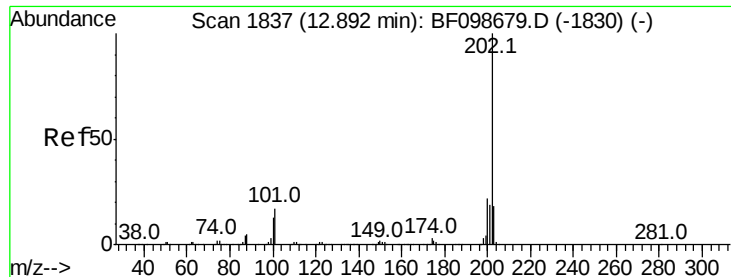


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 107.201 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

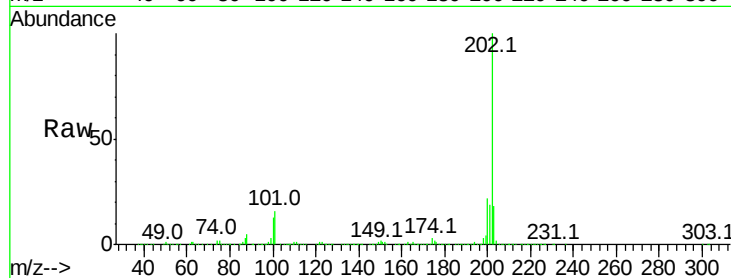
Tot Ion:202 Resp: 1527522

Ion Ratio Lower Upper

202 100

200 22.0 17.4 26.2

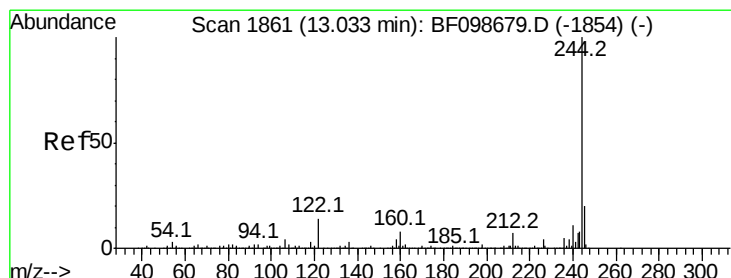
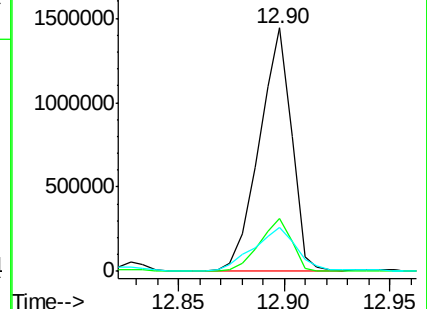
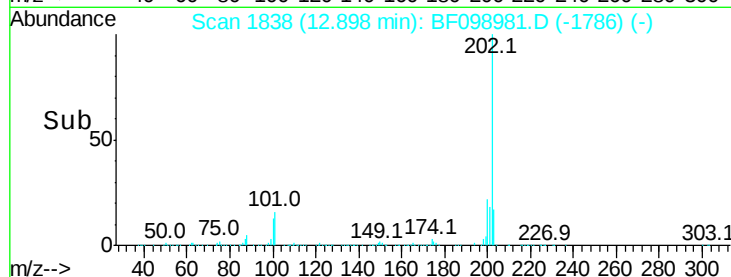
203 18.2 14.3 21.5



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: 2.130 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

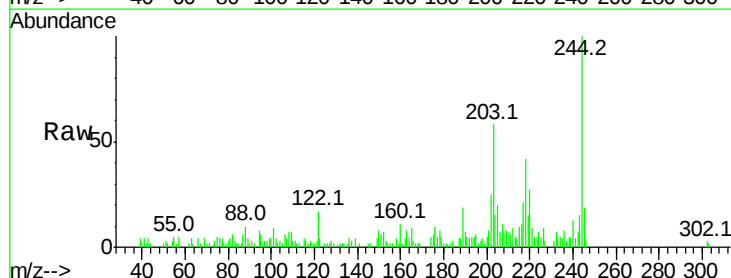
Tgt Ion:244 Resp: 17501

Ion Ratio Lower Upper

244 100

212 9.2 5.4 8.0#

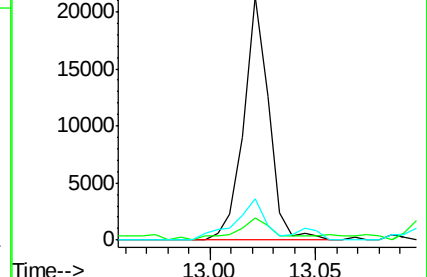
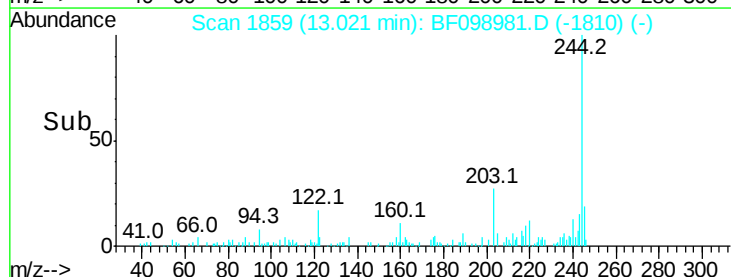
122 21.0 11.0 16.4#

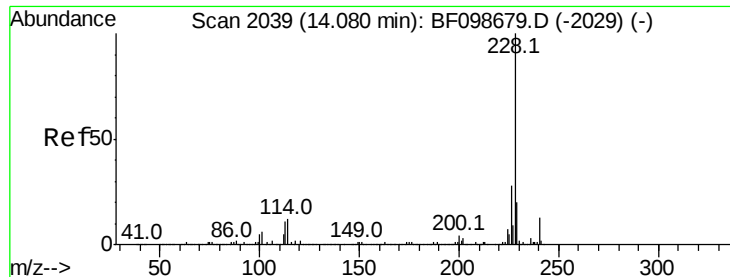


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

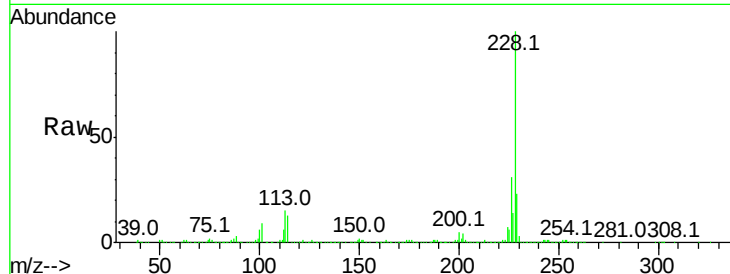




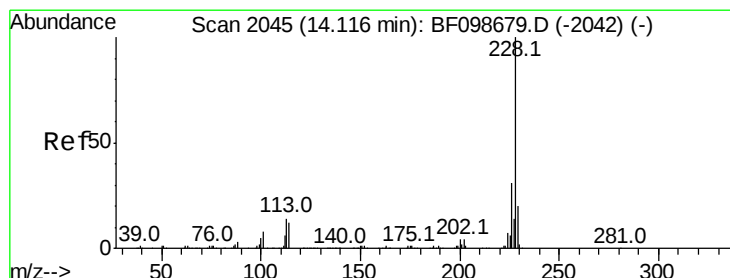
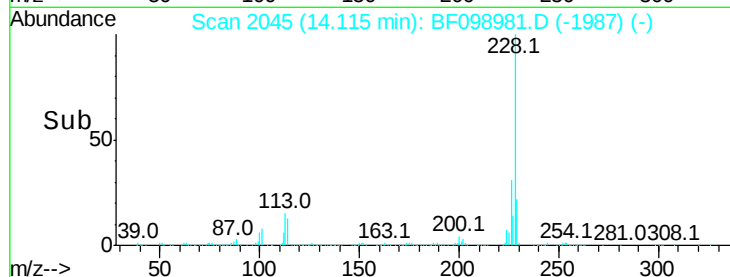
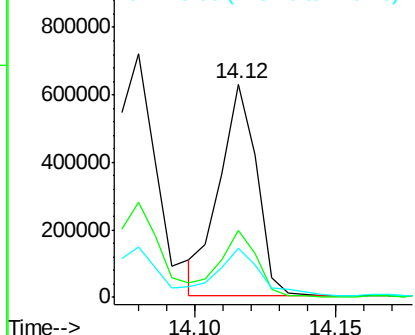
#80
Benzo(a)anthracene
Concen: 50.800 ng
RT: 14.12 min Scan# 2045
Delta R.T. 0.04 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 574815
Ion Ratio Lower Upper
228 100
226 31.4 22.6 33.8
229 23.1 15.8 23.6

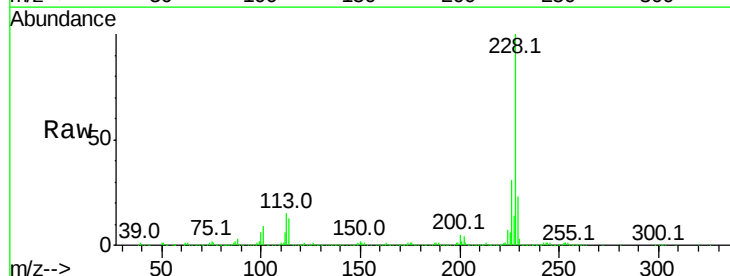


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

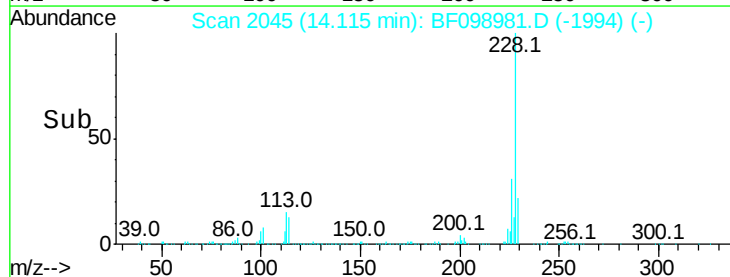
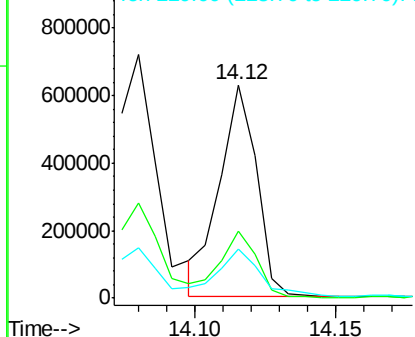


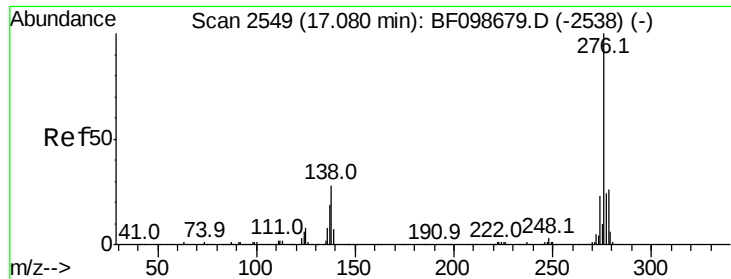
#82
Chrysene
Concen: 53.359 ng
RT: 14.12 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Tgt Ion:228 Resp: 574815
Ion Ratio Lower Upper
228 100
226 31.4 25.0 37.6
229 23.1 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

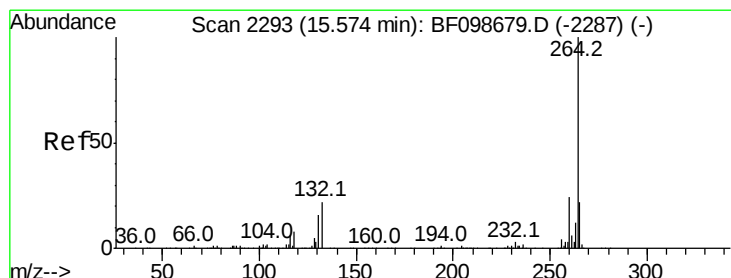
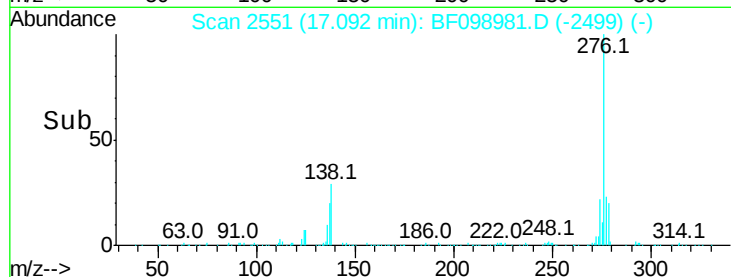
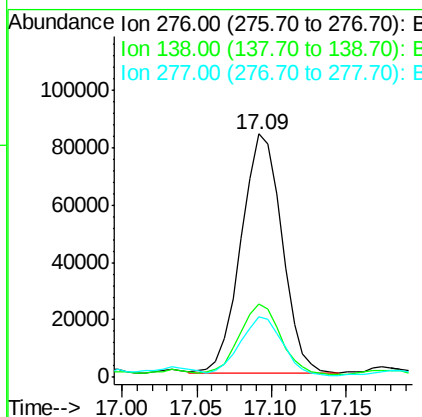
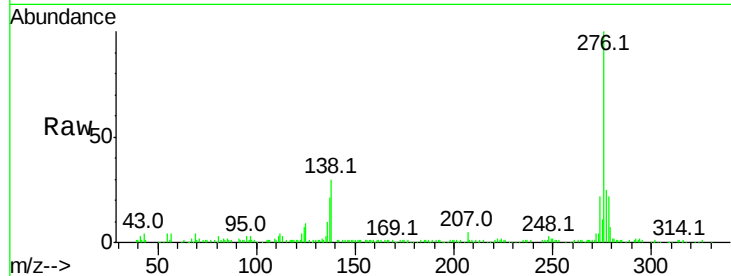




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 18.197 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. 0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

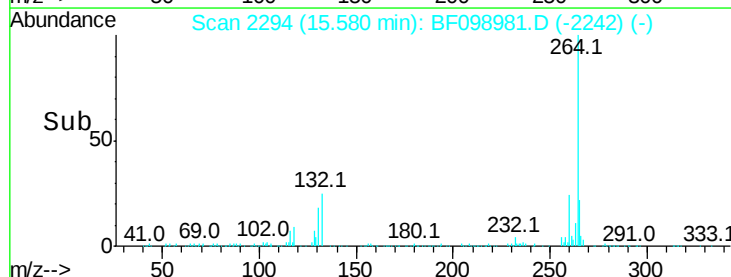
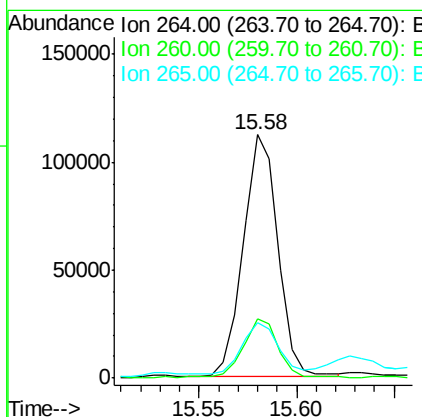
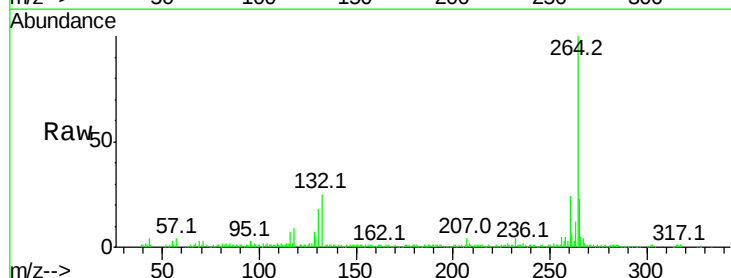
Instrument :
 BNA_F
 ClientSampleId :

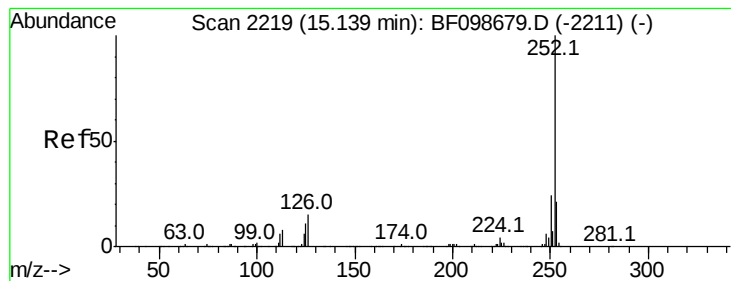
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.4	25.0	37.6
277	26.1	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	22.6	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 80.584 ng

RT: 15.14 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

Instrument :

BNA_F

ClientSampleId :

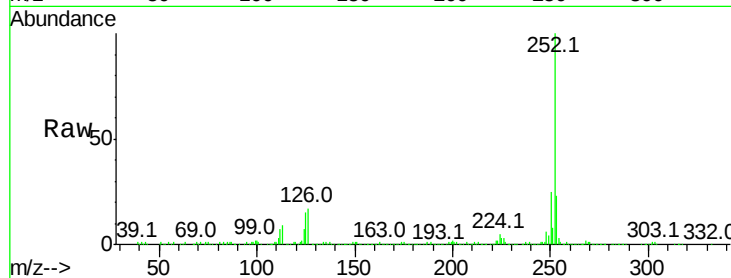
Tot Ion:252 Resp: 682940

Ion Ratio Lower Upper

252 100

253 23.0 17.0 25.6

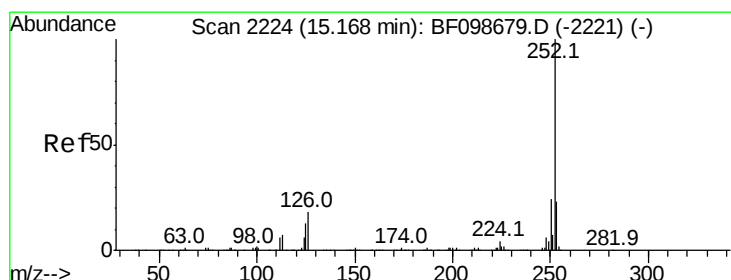
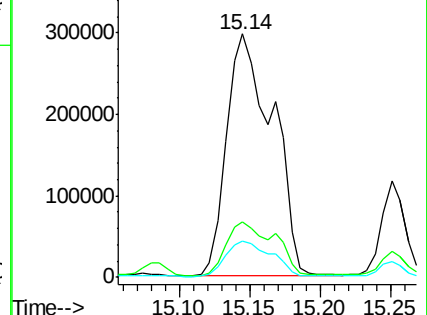
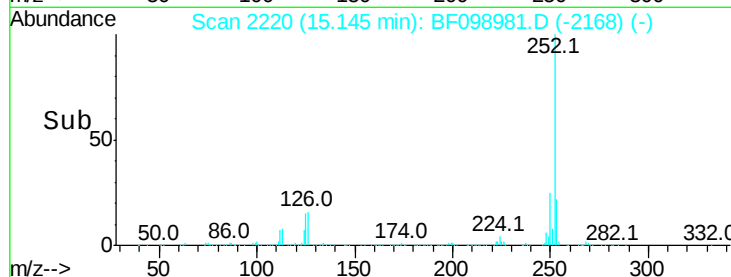
125 15.0 9.0 13.6#



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: 81.588 ng

RT: 15.14 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF098981.D

Acq: 30 Sep 2017 23:49

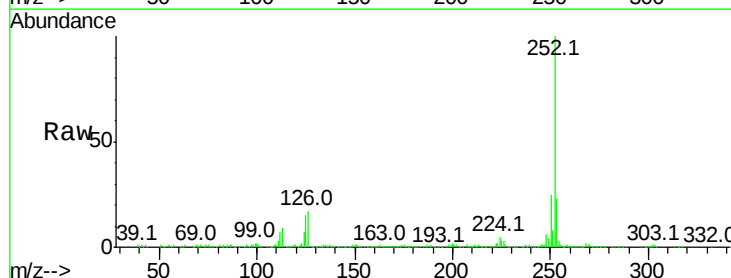
Tgt Ion:252 Resp: 682940

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

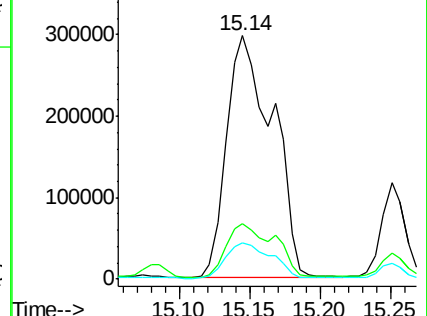
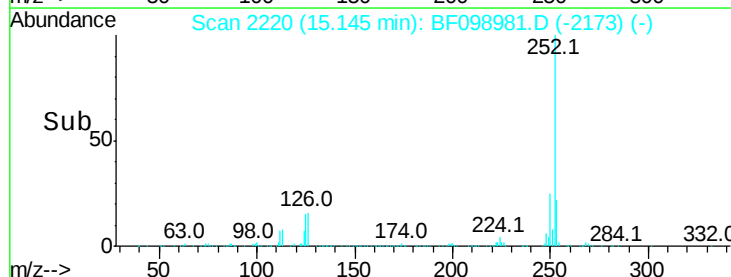
125 15.0 10.2 15.2

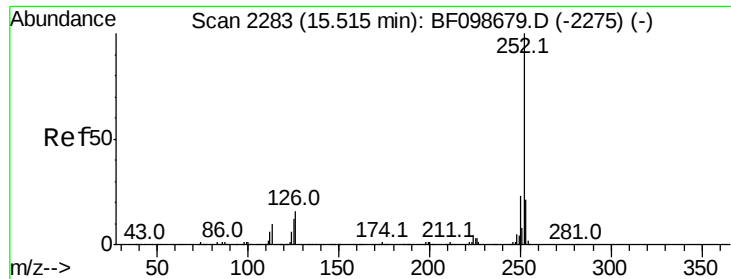


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

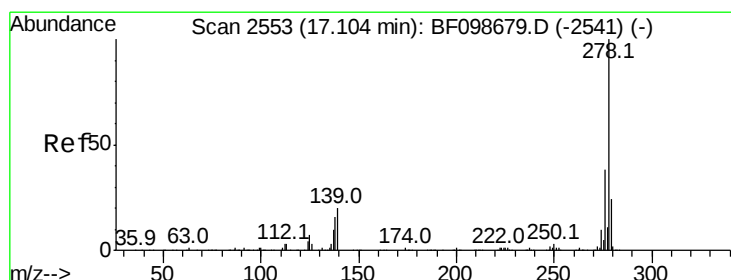
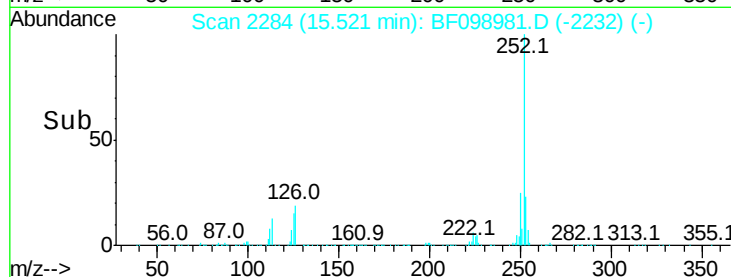
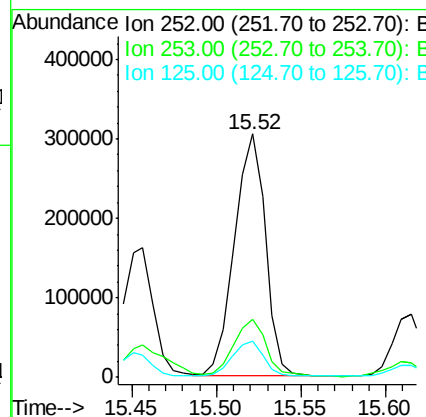
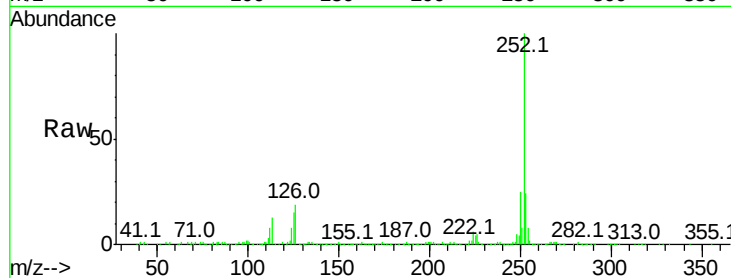




#89
Benzo(a)pyrene
Concen: 50.253 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

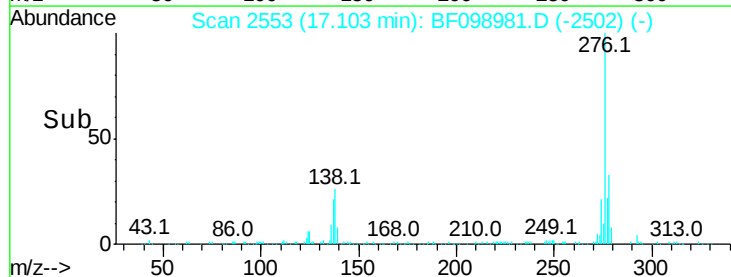
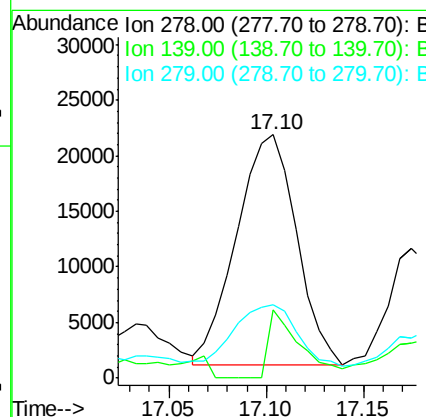
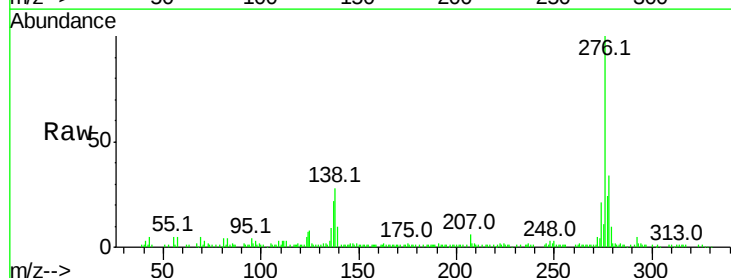
Instrument :
BNA_F
ClientSampleId :

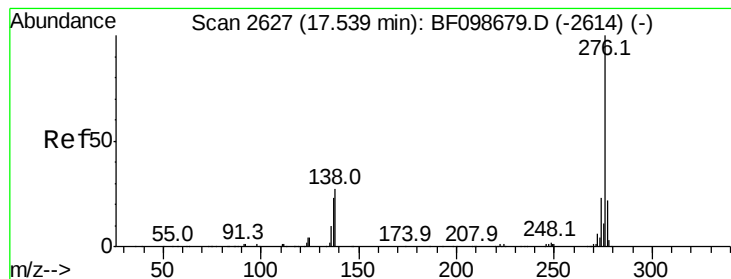
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.1	25.7
125	15.1	9.8	14.6



#90
Dibenzo(a,h)anthracene
Concen: 7.086 ng
RT: 17.10 min Scan# 2553
Delta R.T. -0.00 min
Lab File: BF098981.D
Acq: 30 Sep 2017 23:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	27.8	15.9	23.9
279	30.0	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 21.633 ng
 RT: 17.56 min Scan# 2630
 Delta R.T. 0.01 min
 Lab File: BF098981.D
 Acq: 30 Sep 2017 23:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	28.7	21.8	32.8

