

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098398.D
 Acq On : 9 Sep 2017 20:58
 Operator : SJ/JU
 Sample : I5151-04 50X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:15:50 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	101114	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	386777	20.00	ng	-0.03
38) Acenaphthene-d10	9.70	164	167949	20.00	ng	-0.04
63) Phenanthrene-d10	11.19	188	270628	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	209838	20.00	ng	-0.04
86) Perylene-d12	15.23	264	198342	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	18333	2.76	ng	-0.02
7) Phenol-d6	6.33	99	26529	2.94	ng	-0.02
23) Nitrobenzene-d5	7.24	82	14319	2.01	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	2893	1.99	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	25936	2.27	ng	-0.04
78) Terphenyl-d14	12.77	244	17025	1.69	ng	-0.04

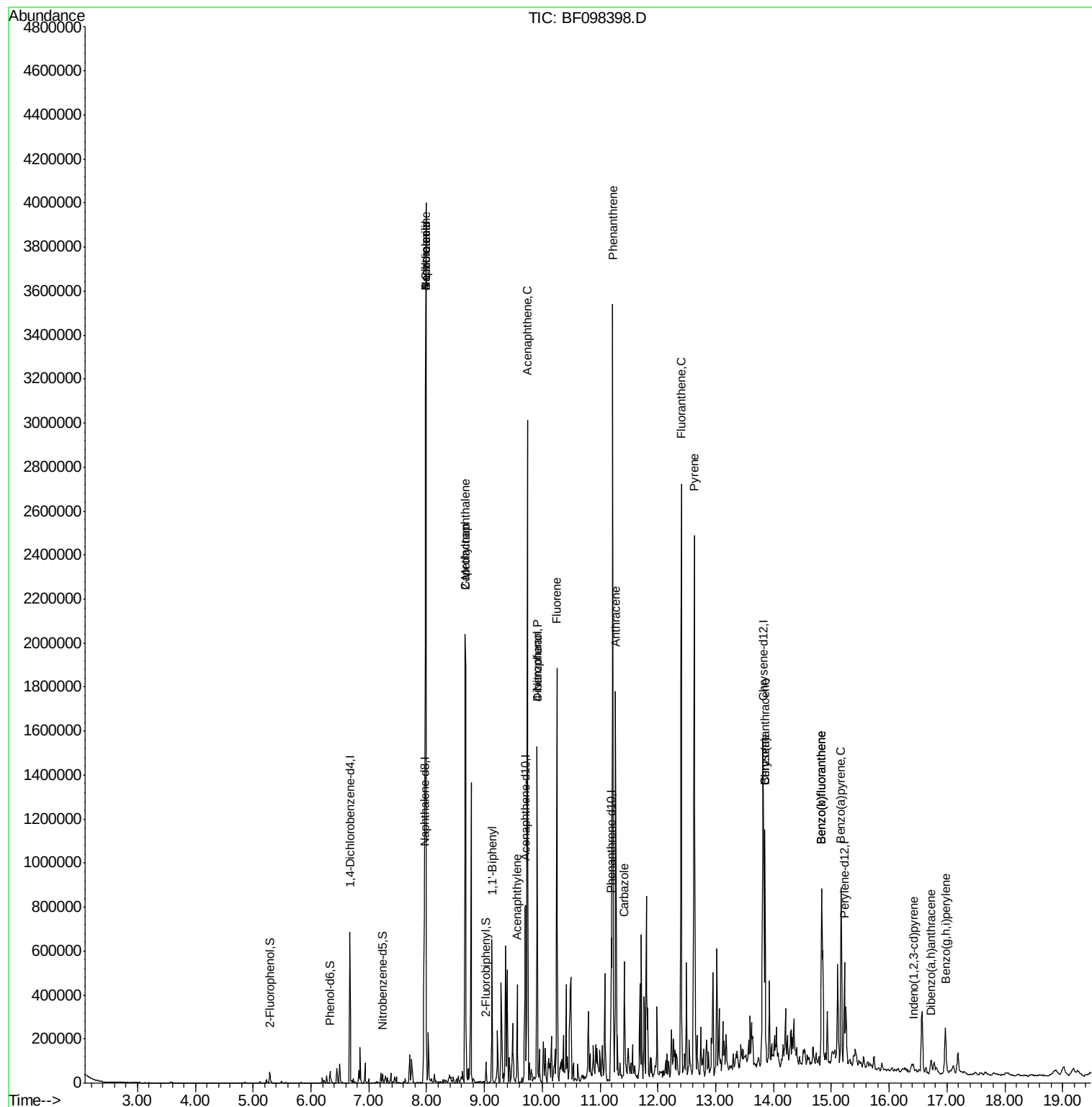
Target Compounds				Qvalue		
31) Naphthalene	7.99	128	2411892	120.117	ng	99
32) Benzoic acid	7.99	122	5440	7.452	ng	# 1
33) 4-Chloroaniline	7.99	127	330311	39.006	ng	# 32
35) Caprolactam	8.67	113	13450	7.719	ng	# 1
37) 2-Methylnaphthalene	8.67	142	595430	48.367	ng	98
45) 1,1'-Biphenyl	9.13	154	199407	13.020	ng	95
48) Acenaphthylene	9.57	152	127628	7.182	ng	# 96
51) Acenaphthene	9.75	154	646692	57.701	ng	99
54) Dibenzofuran	9.92	168	595224	39.627	ng	96
55) 4-Nitrophenol	9.91	139	216374	85.792	ng	# 27
57) Fluorene	10.26	166	513014	44.175	ng	96
70) Phenanthrene	11.23	178	1779877	123.423	ng	100
71) Anthracene	11.27	178	604234	41.310	ng	99
72) Carbazole	11.42	167	190331	13.709	ng	96
74) Fluoranthene	12.41	202	1252379	83.203	ng	98
77) Pyrene	12.63	202	1099520	64.066	ng	98
80) Benzo(a)anthracene	13.85	228	340508	27.075	ng	94
82) Chrysene	13.85	228	340508	27.217	ng	97
85) Indeno(1,2,3-cd)pyrene	16.42	276	28684	3.117	ng	94
87) Benzo(b)fluoranthene	14.83	252	601203	48.088	ng	99
88) Benzo(k)fluoranthene	14.83	252	601203	51.185	ng	97
89) Benzo(a)pyrene	15.17	252	364788	32.959	ng	98
90) Dibenzo(a,h)anthracene	16.73	278	34834	3.866	ng	97
91) Benzo(g,h,i)perylene	16.97	276	148360	15.780	ng	92

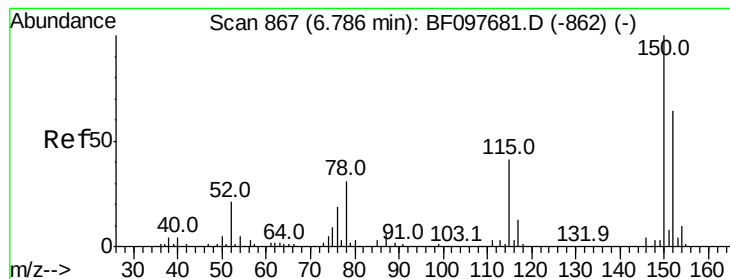
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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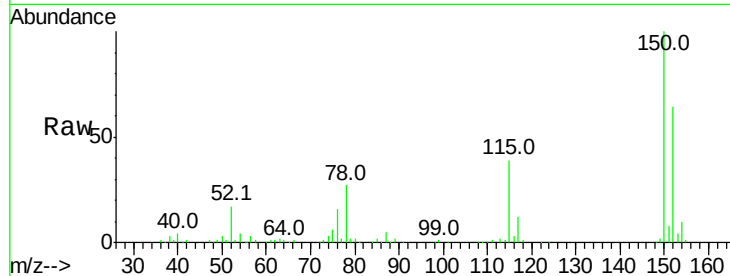


#1

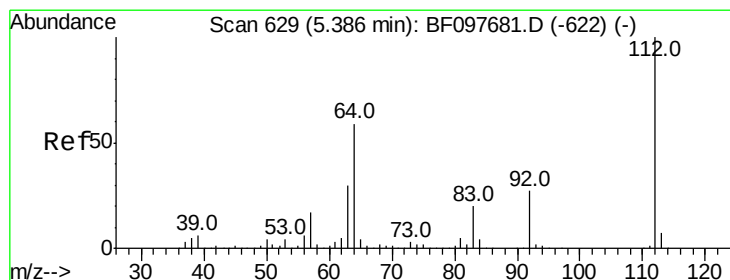
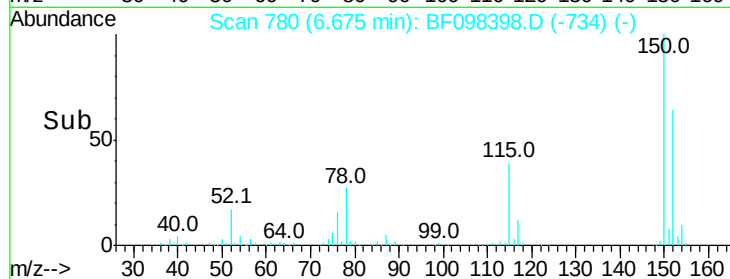
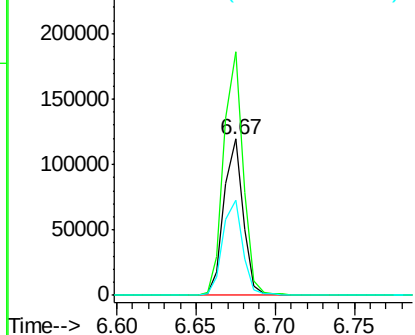
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.67 min Scan# 780
 Delta R.T. -0.03 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 101114
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 60.9 52.2 78.2



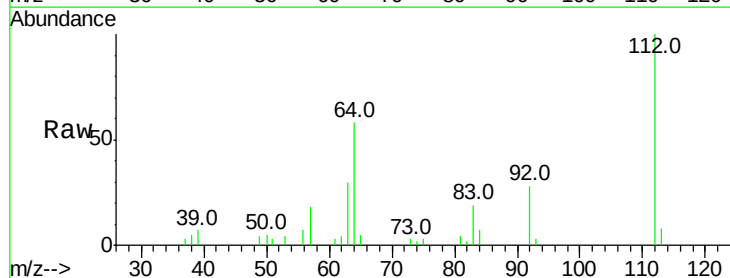
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



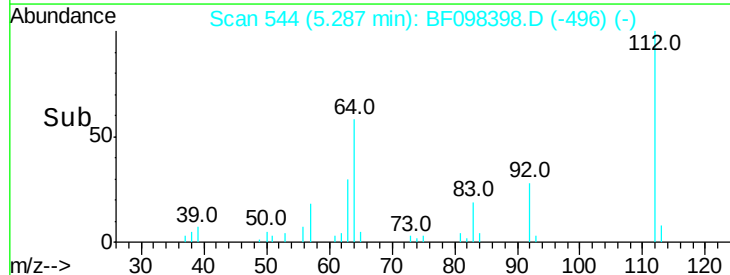
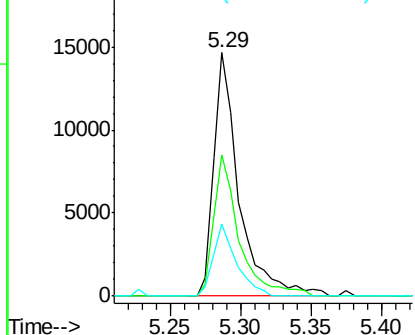
#5

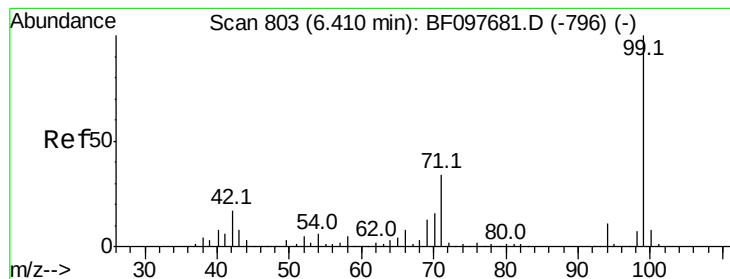
2-Fluorophenol
 Concen: 2.758 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:112 Resp: 18333
 Ion Ratio Lower Upper
 112 100
 64 58.2 46.0 69.0
 63 29.8 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: 2.937 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

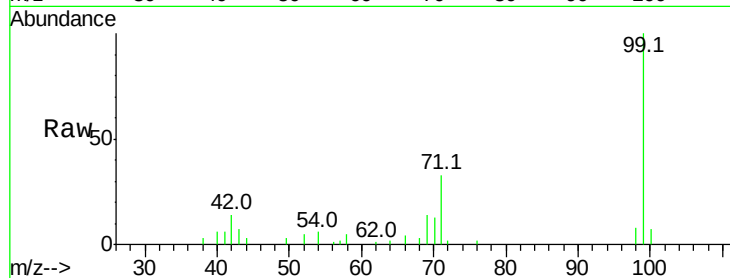
Tot Ion: 99 Resp: 26529

Ion Ratio Lower Upper

99 100

42 14.2 13.5 20.3

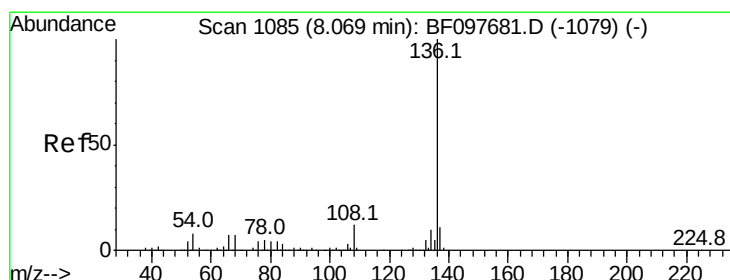
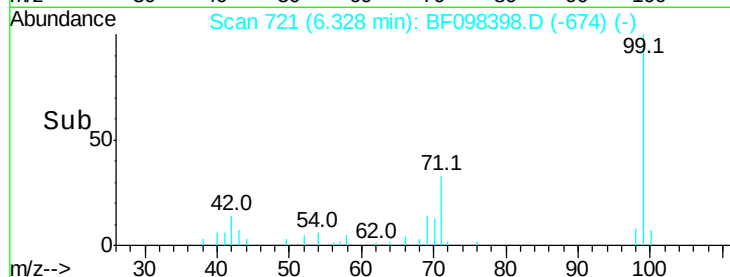
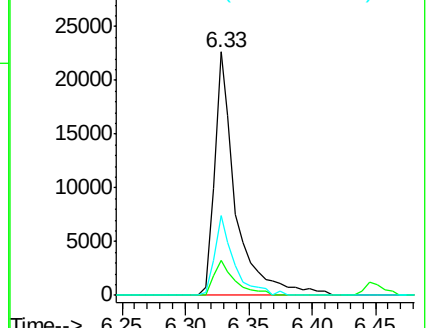
71 32.7 24.5 36.7



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# 998

Delta R.T. -0.03 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Tgt Ion: 136 Resp: 386777

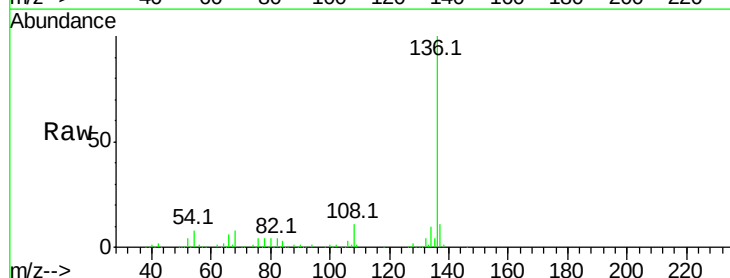
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 7.6 4.9 7.3#

68 7.8 4.1 6.1#

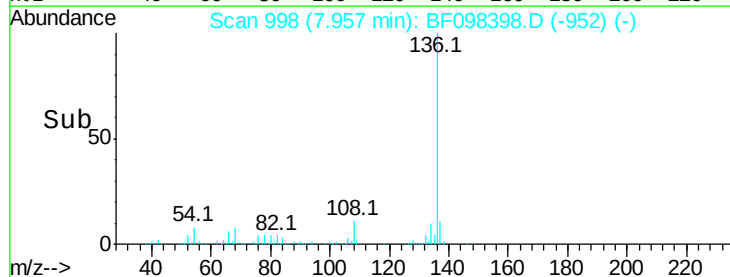
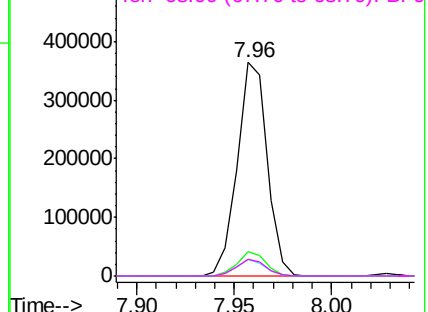


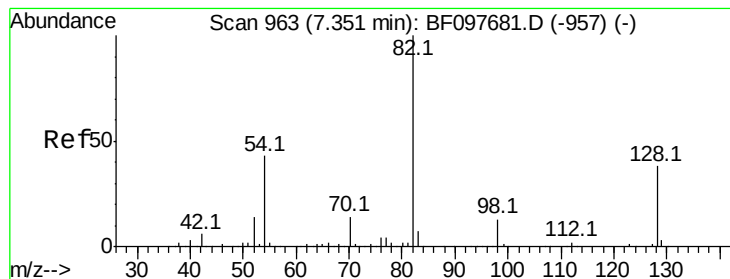
Abundance Ion 136.00 (135.70 to 136.70): E

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: 2.011 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

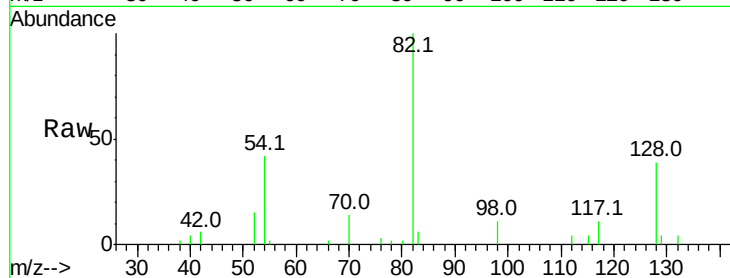
Tot Ion: 82 Resp: 14319

Ion Ratio Lower Upper

82 100

128 39.3 34.0 51.0

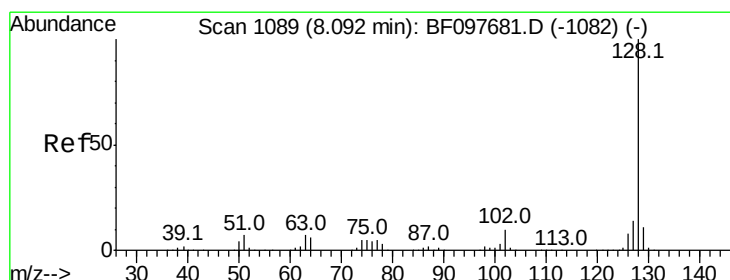
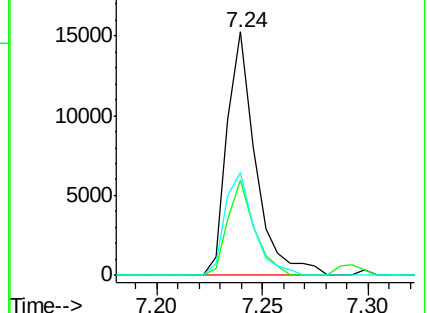
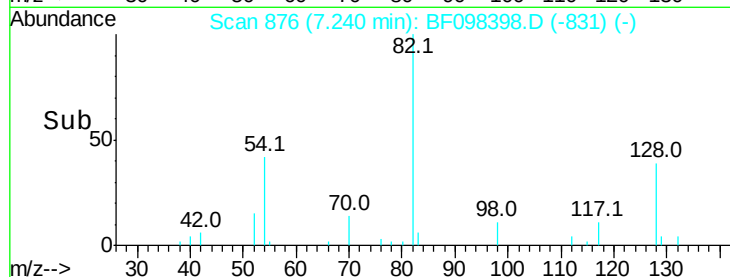
54 42.4 42.2 63.2



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: 120.117 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.02 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

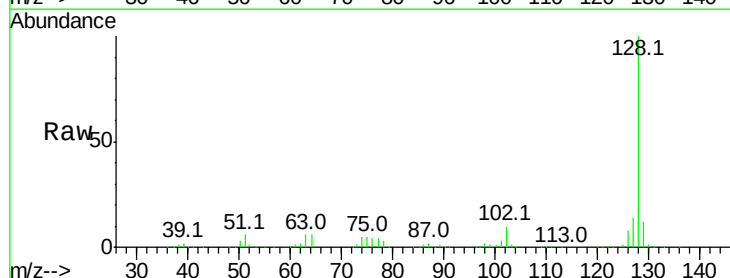
Tgt Ion:128 Resp: 2411892

Ion Ratio Lower Upper

128 100

129 11.7 9.0 13.6

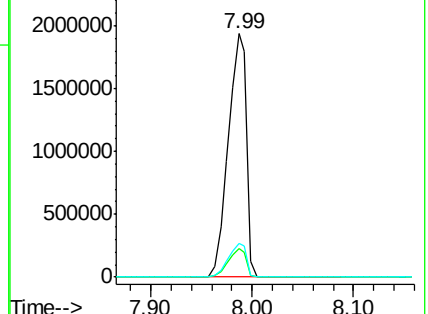
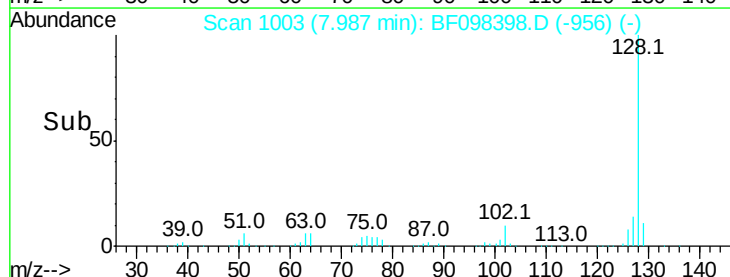
127 13.8 10.8 16.2

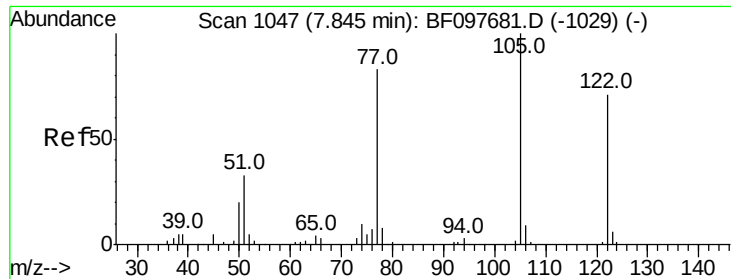


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

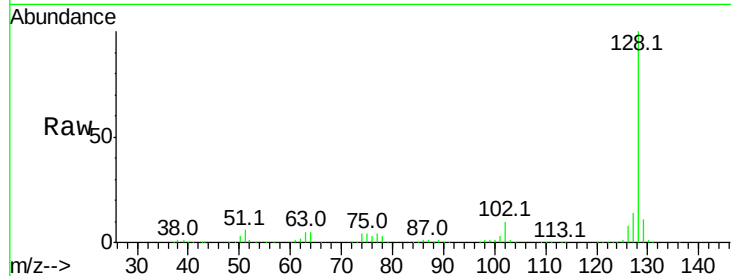




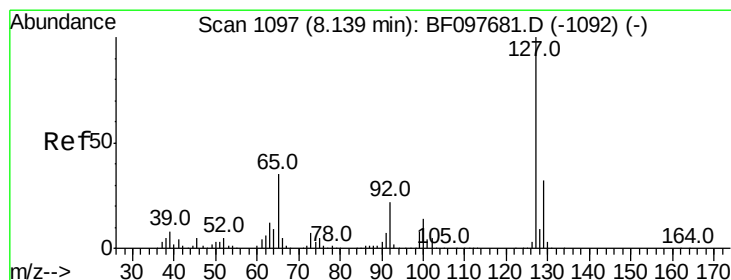
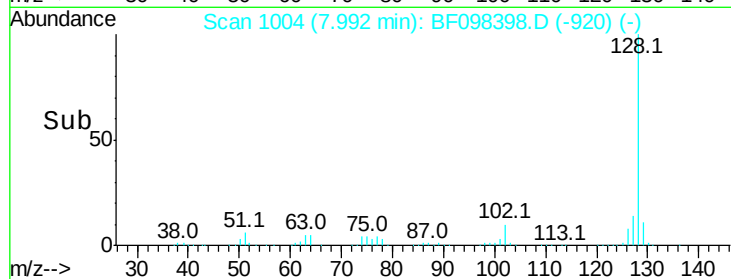
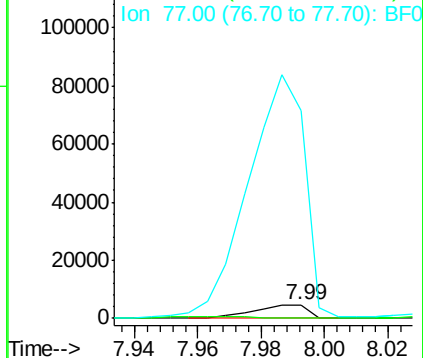
#32
Benzoic acid
Concen: 7.452 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.19 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 5440
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 1559.1 73.7 113.7#

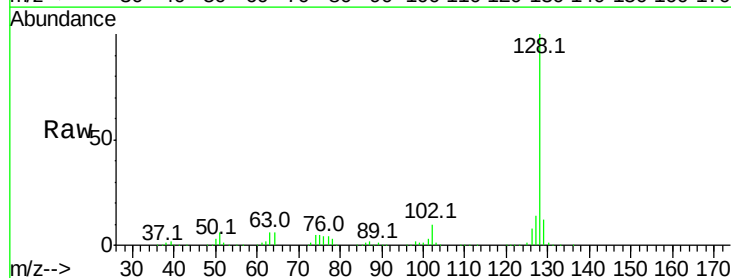


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

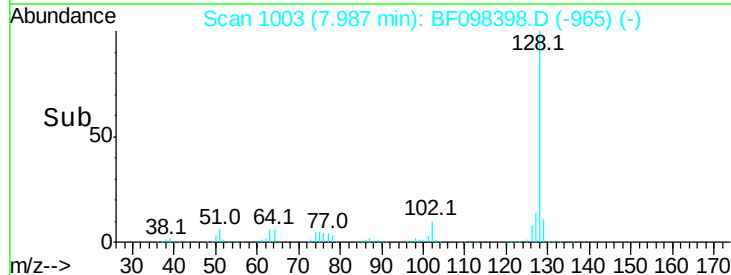
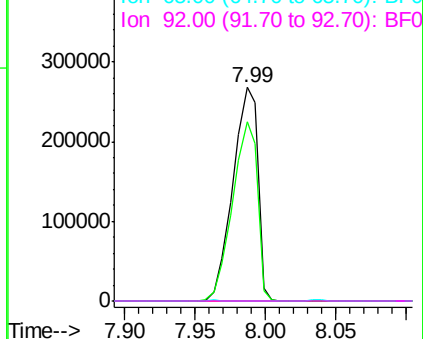


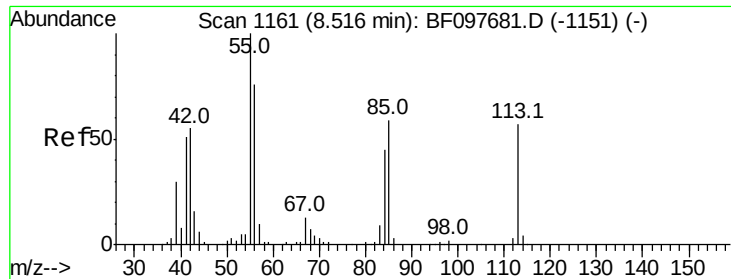
#33
4-Chloroaniline
Concen: 39.006 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.08 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

Tgt Ion:127 Resp: 330311
Ion Ratio Lower Upper
127 100
129 84.2 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



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

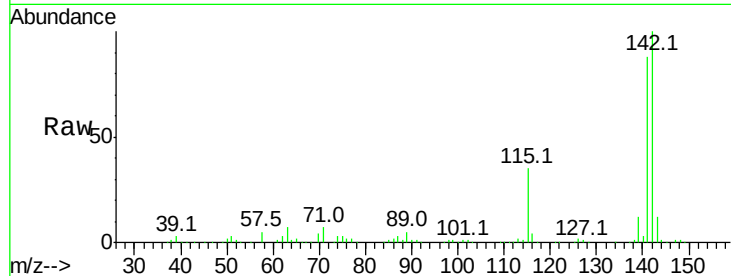




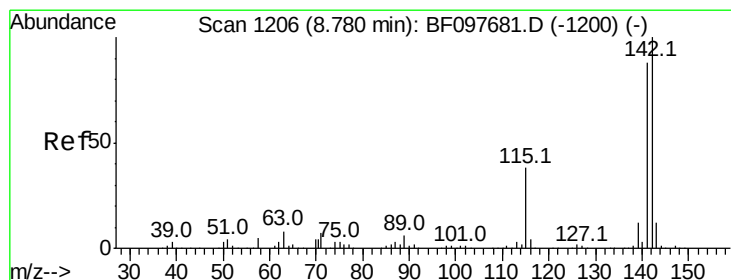
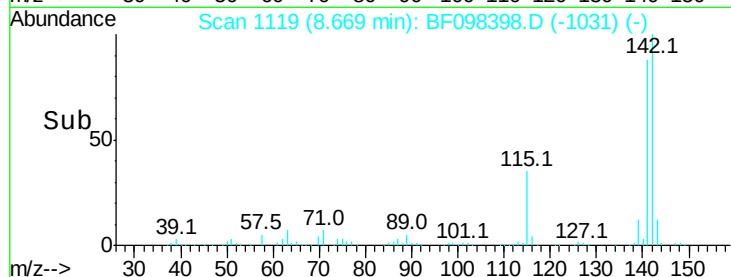
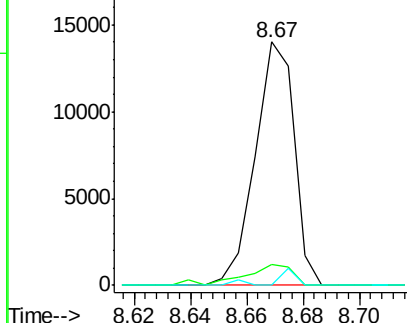
#35
 Caprolactam
 Concen: 7.719 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.22 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:113 Resp: 13450
 Ion Ratio Lower Upper
 113 100
 55 8.5 150.2 190.2#
 56 0.0 107.8 147.8#

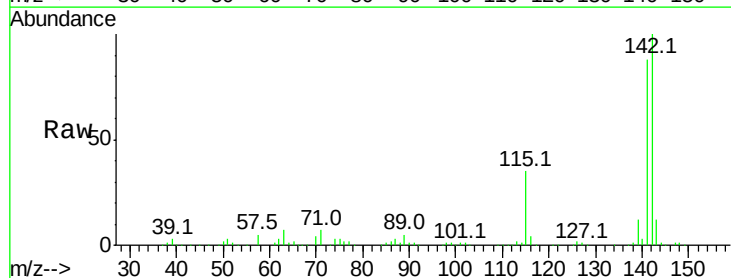


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

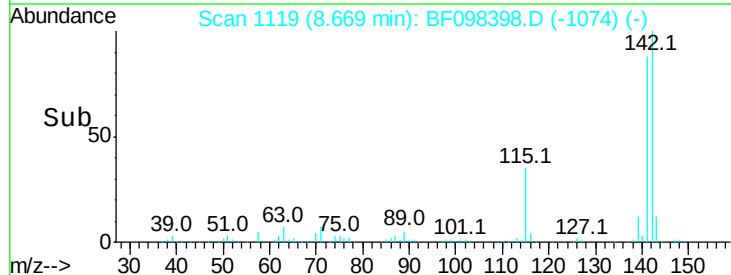
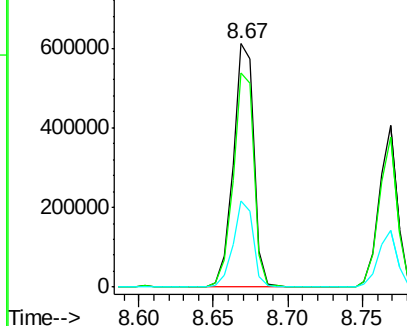


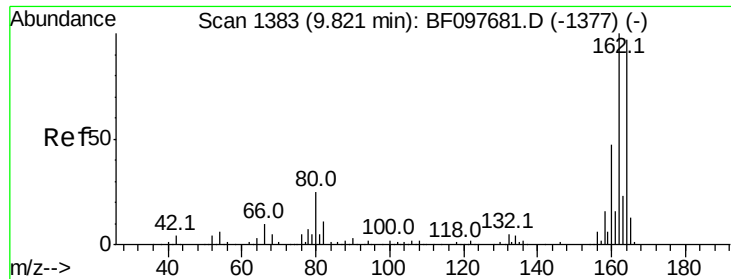
#37
 2-Methylnaphthalene
 Concen: 48.367 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:142 Resp: 595430
 Ion Ratio Lower Upper
 142 100
 141 87.8 71.3 106.9
 115 35.3 27.1 40.7



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

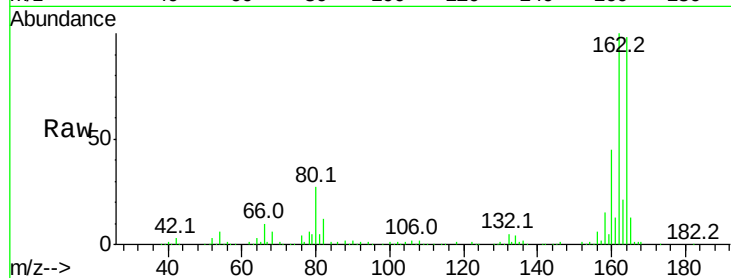




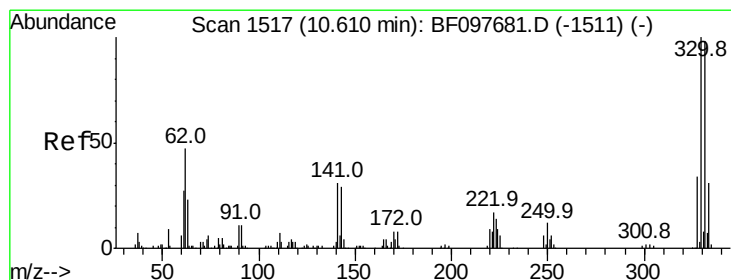
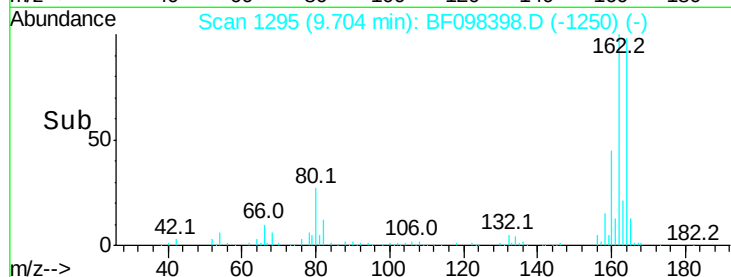
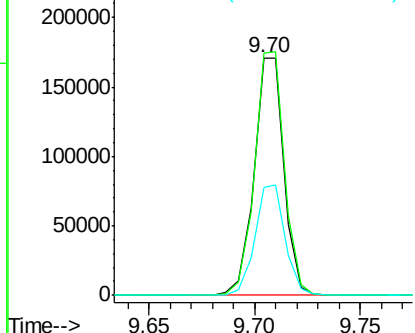
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 167949
 Ion Ratio Lower Upper
 164 100
 162 102.3 82.6 123.8
 160 45.7 36.2 54.2

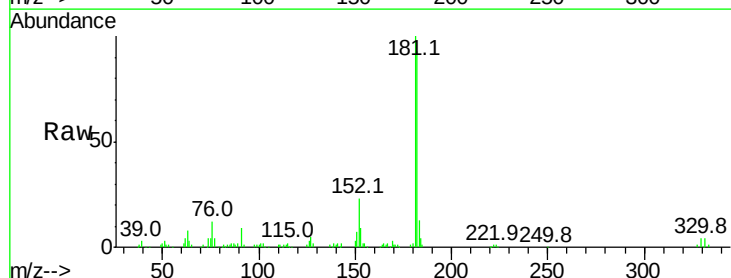


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

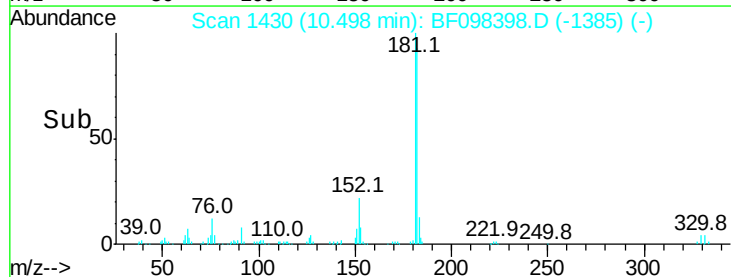
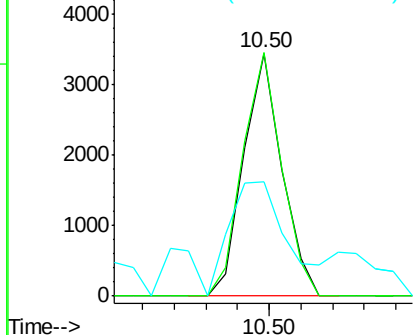


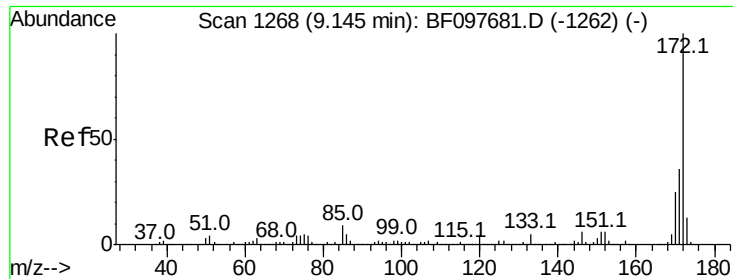
#41
 2,4,6-Tribromophenol
 Concen: 1.985 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:330 Resp: 2893
 Ion Ratio Lower Upper
 330 100
 332 101.9 76.6 115.0
 141 88.2 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

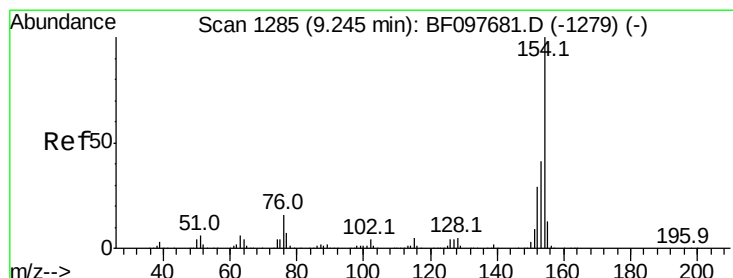
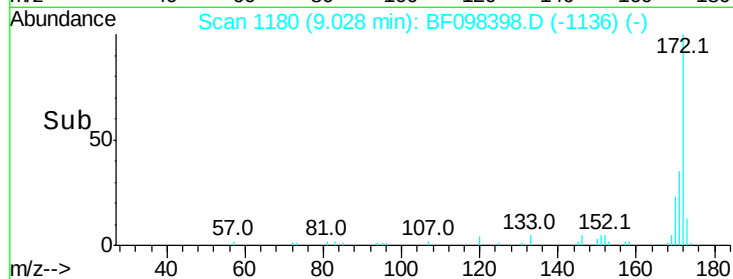
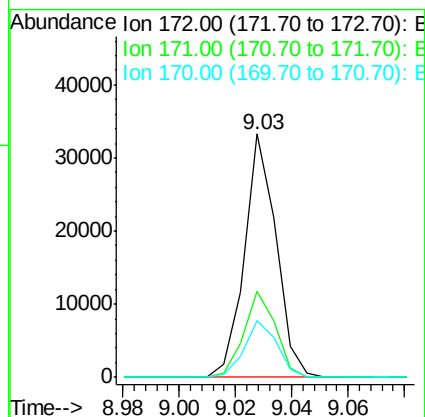
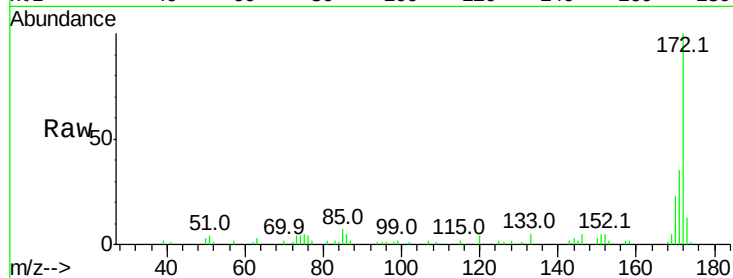




#44
 2-Fluorobiphenyl
 Concen: 2.269 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

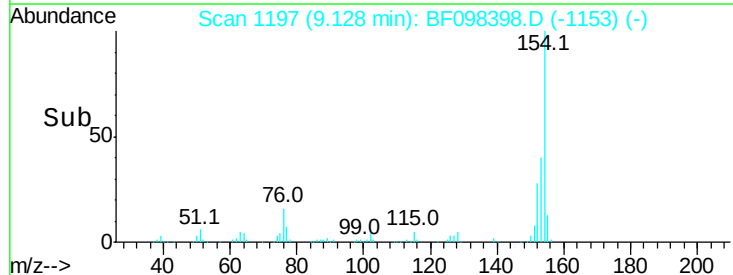
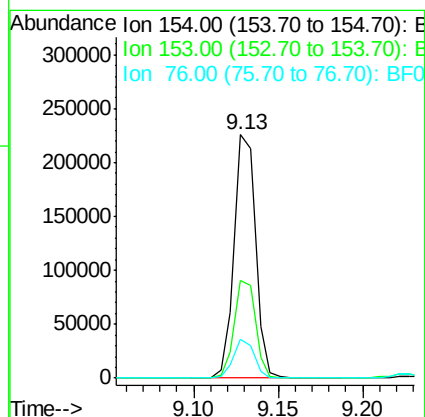
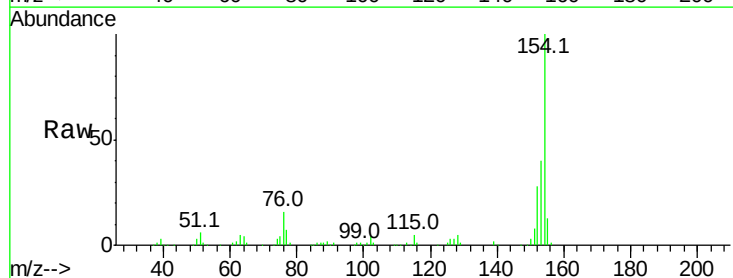
Instrument :
 BNA_F
 ClientSampleId :

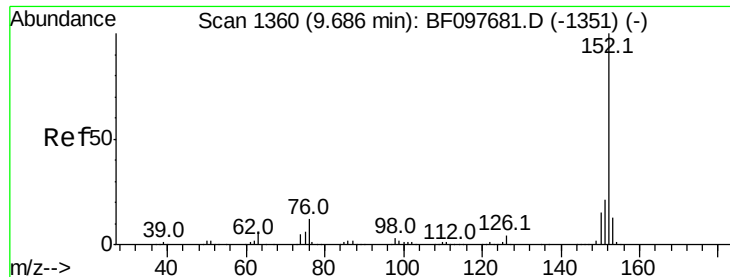
Tot Ion:172 Resp: 25936
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.3 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 13.020 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:154 Resp: 199407
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.2 61.2
 76 16.1 0.0 29.9





#48

Acenaphthylene

Concen: 7.182 ng

RT: 9.57 min Scan# 1272

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

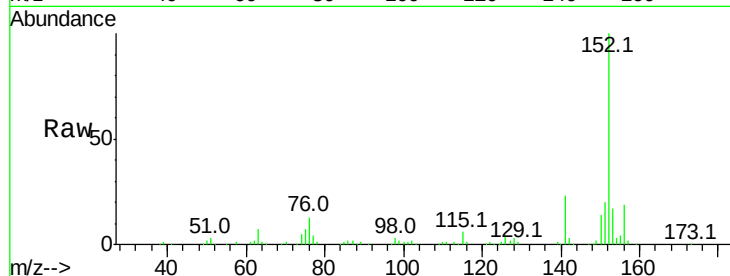
Tot Ion:152 Resp: 127628

Ion Ratio Lower Upper

152 100

151 19.8 16.8 25.2

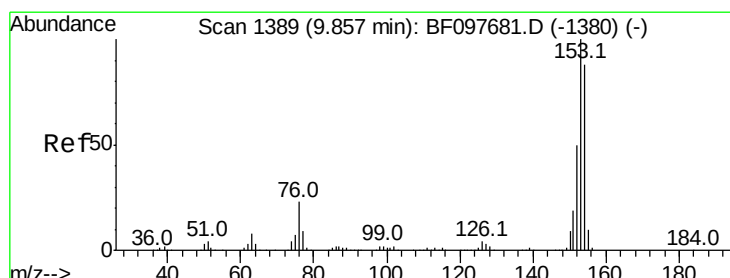
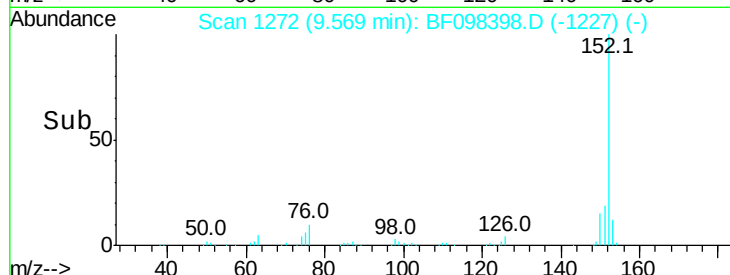
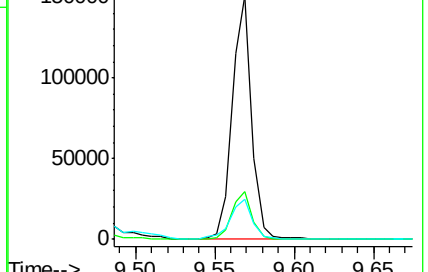
153 16.5 10.8 16.2#



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



#51

Acenaphthene

Concen: 57.701 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.03 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

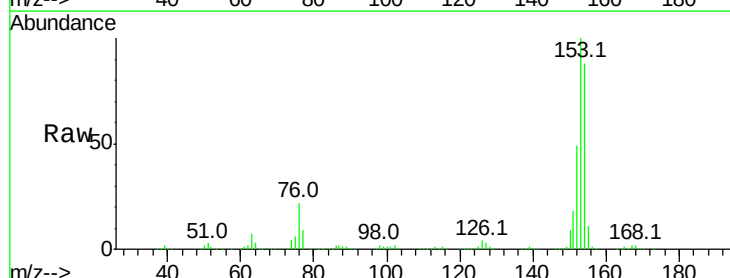
Tgt Ion:154 Resp: 646692

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

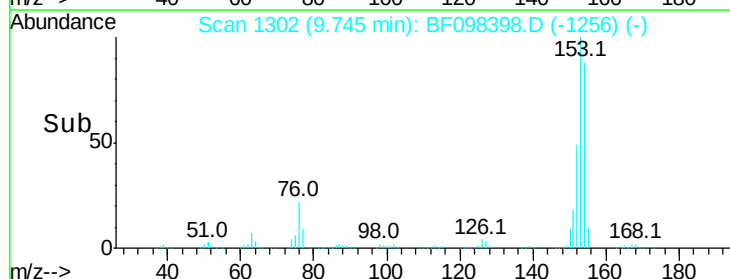
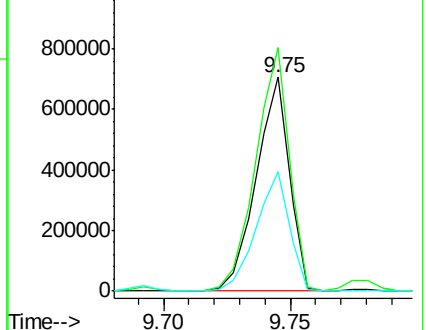
152 55.9 43.6 65.4

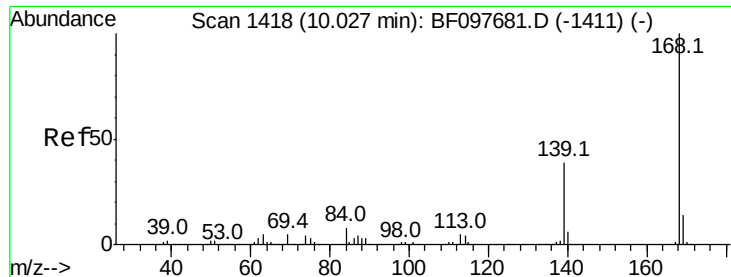


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

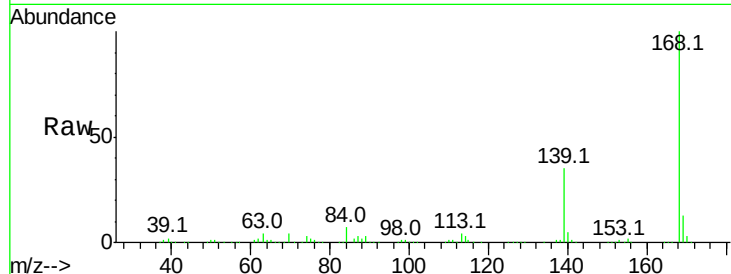




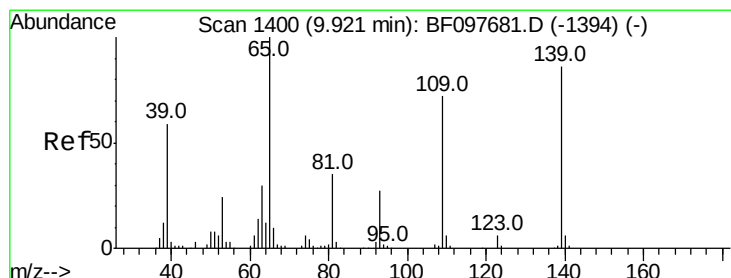
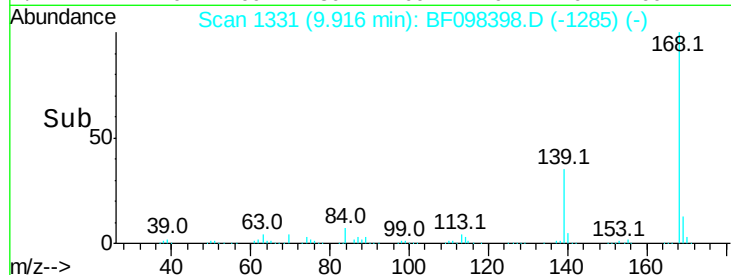
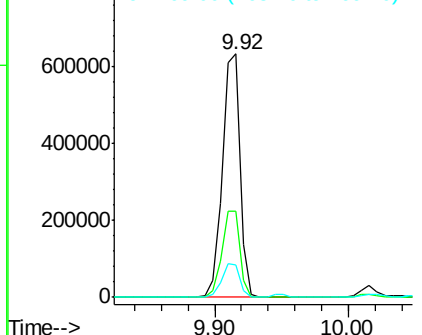
#54
 Dibenzofuran
 Concen: 39.627 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.03 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:168 Resp: 595224
 Ion Ratio Lower Upper
 168 100
 139 35.4 30.6 45.8
 169 13.3 10.8 16.2

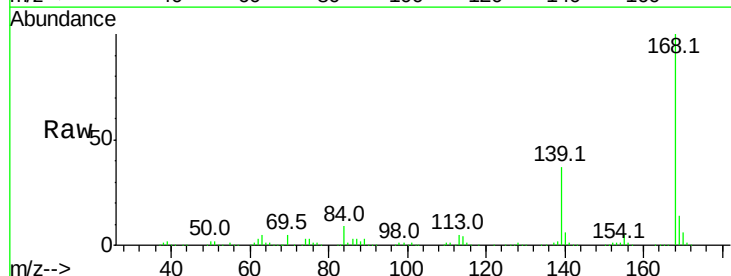


Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

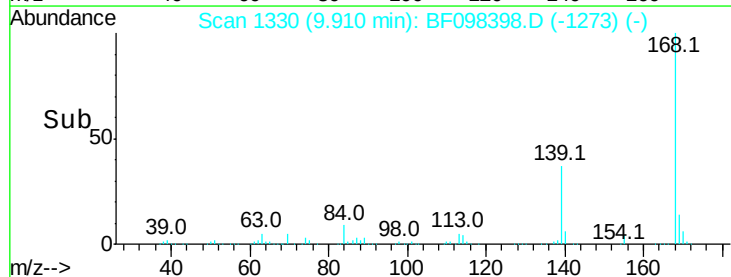
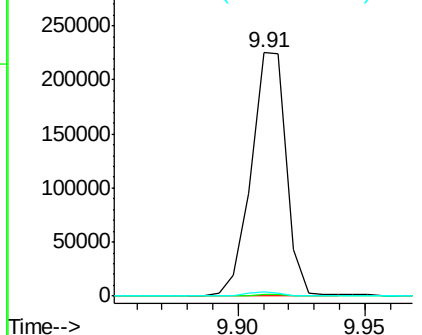


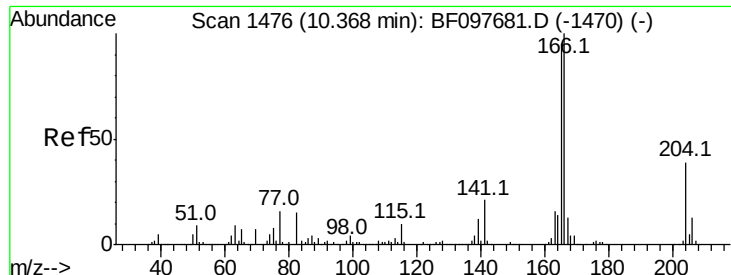
#55
 4-Nitrophenol
 Concen: 85.792 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. 0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:139 Resp: 216374
 Ion Ratio Lower Upper
 139 100
 109 0.9 34.1 74.1#
 65 1.9 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): BF0

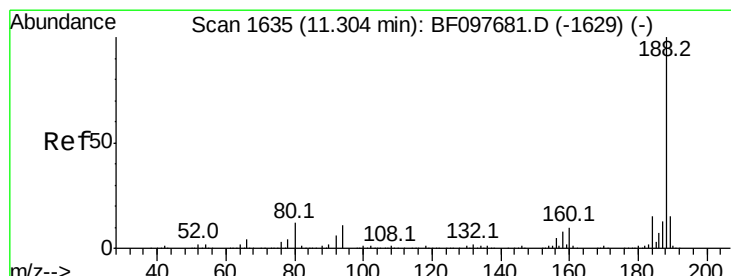
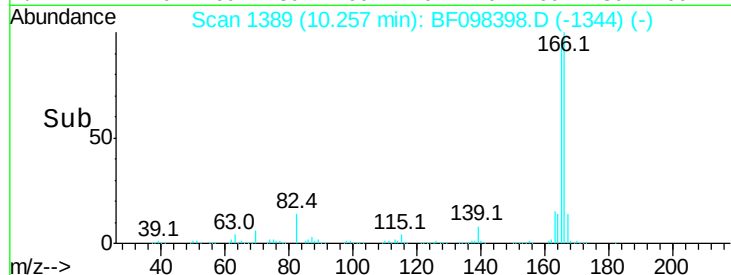
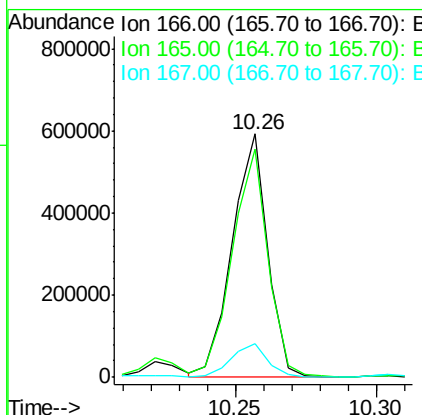
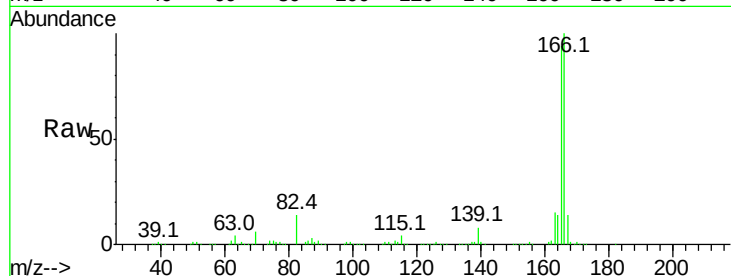




#57
Fluorene
 Concen: 44.175 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.04 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

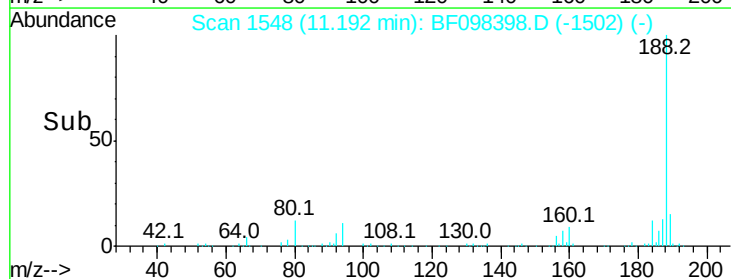
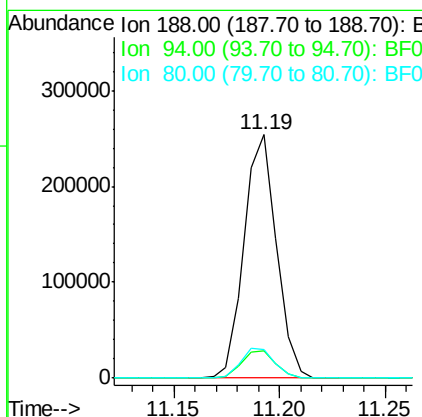
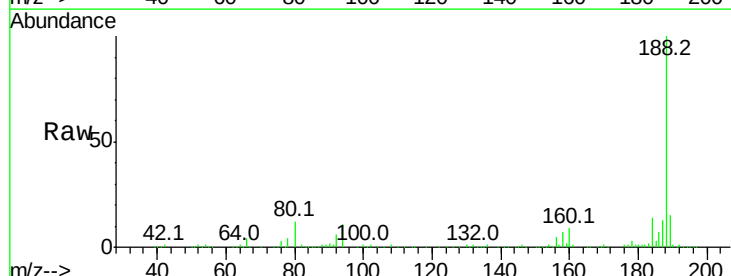
Instrument :
 BNA_F
 ClientSampleId :

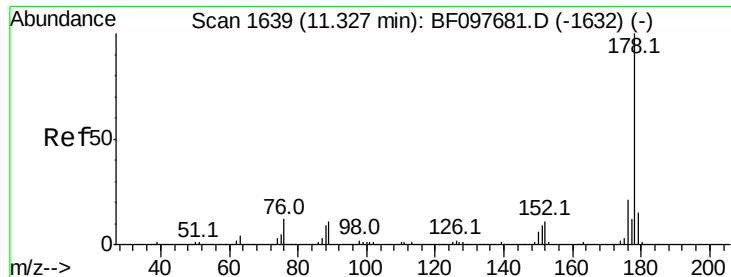
Tot Ion:166 Resp: 513014
 Ion Ratio Lower Upper
 166 100
 165 93.8 78.8 118.2
 167 13.7 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BF098398.D
 Acq: 9 Sep 2017 20:58

Tgt Ion:188 Resp: 270628
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.9 10.2 15.2





#70

Phenanthrene

Concen: 123.423 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.02 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

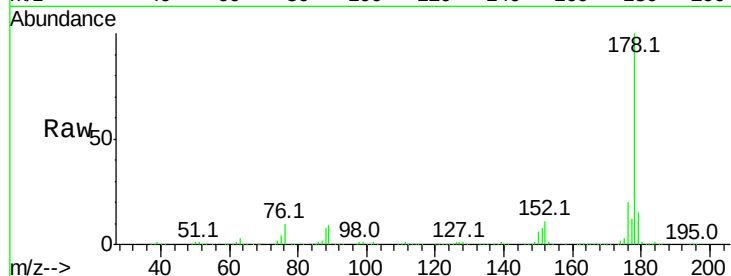
Tot Ion:178 Resp: 1779877

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.4

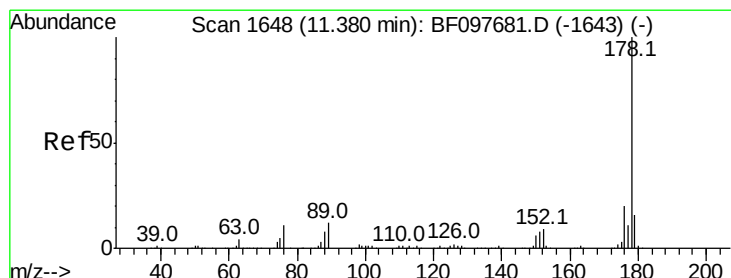
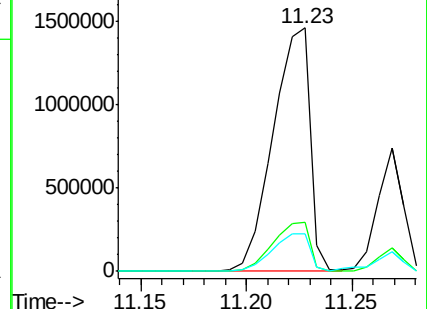
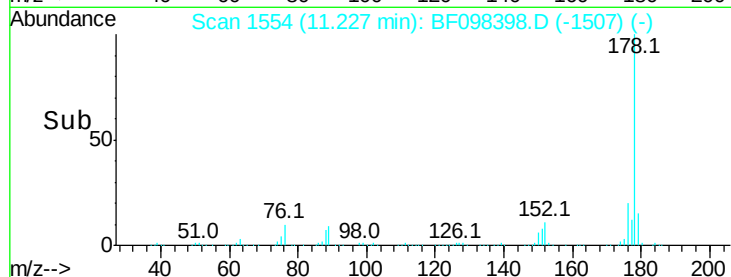
179 15.4 12.6 19.0



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: 41.310 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

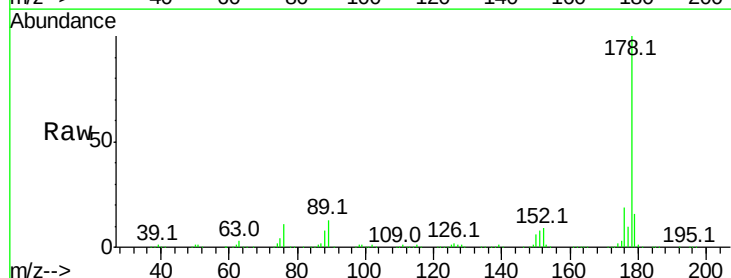
Tgt Ion:178 Resp: 604234

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

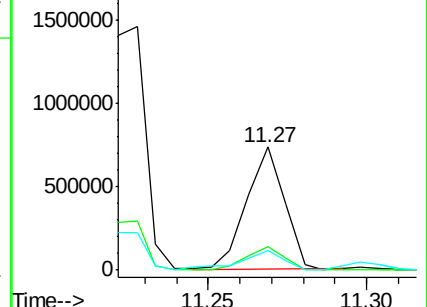
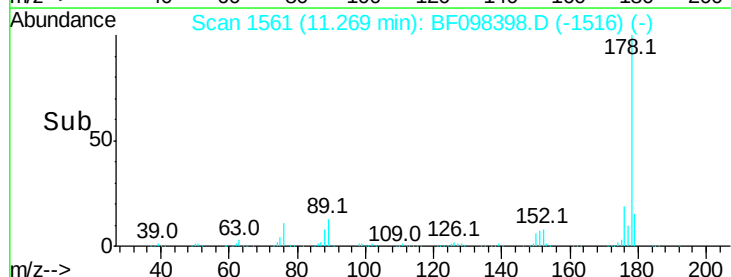
179 15.6 12.7 19.1

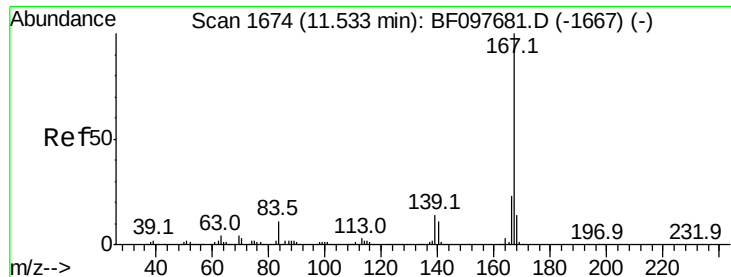


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 13.709 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

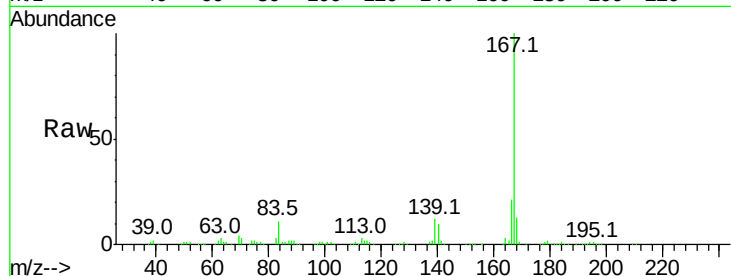
Tot Ion:167 Resp: 190331

Ion Ratio Lower Upper

167 100

166 21.2 18.1 27.1

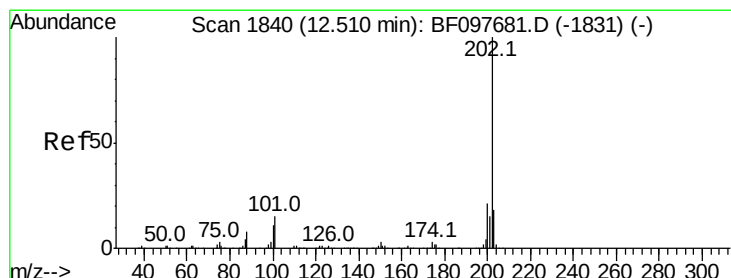
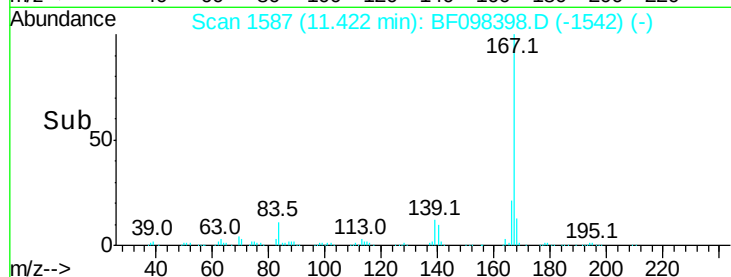
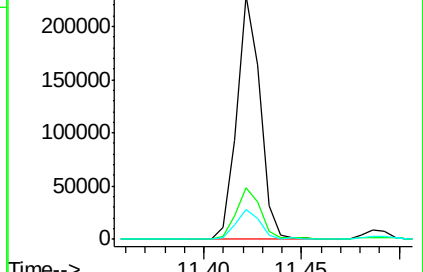
139 12.5 11.7 17.5



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: 83.203 ng

RT: 12.41 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

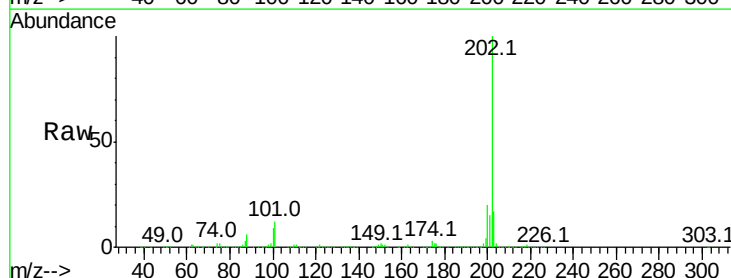
Tgt Ion:202 Resp: 1252379

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

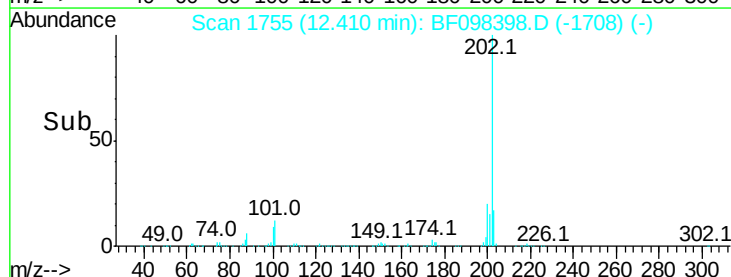
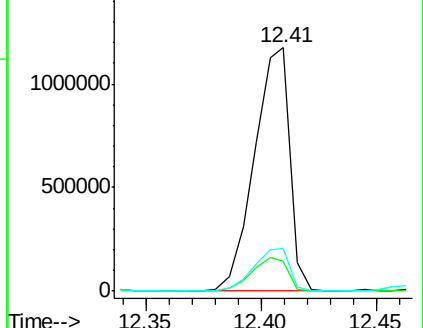
203 17.5 0.0 38.1

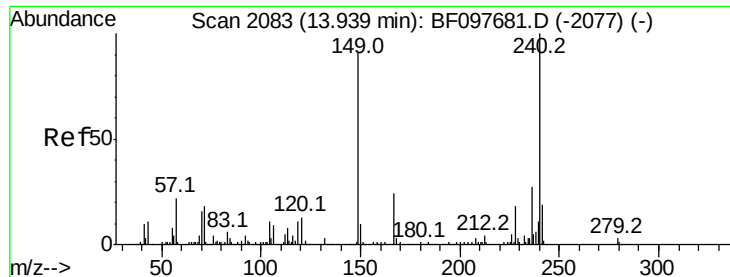


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

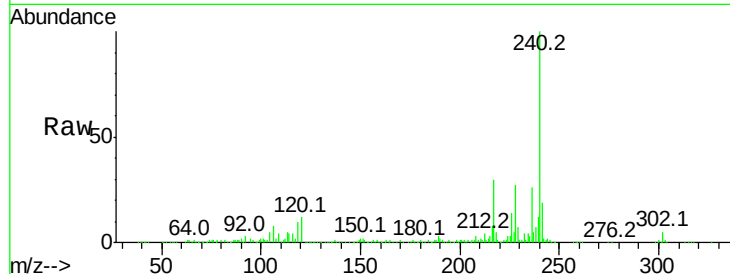
Tot Ion:240 Resp: 209838

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

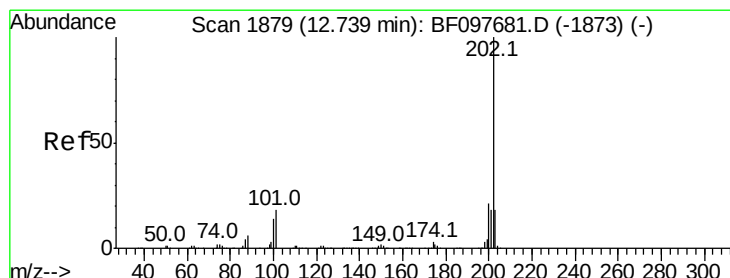
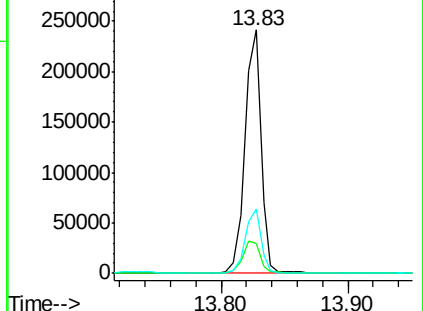
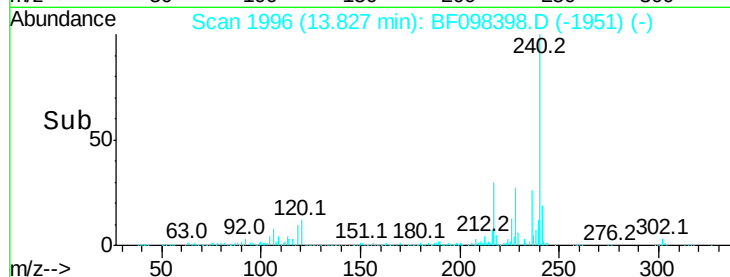
236 26.4 20.5 30.7



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: 64.066 ng

RT: 12.63 min Scan# 1793

Delta R.T. -0.03 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

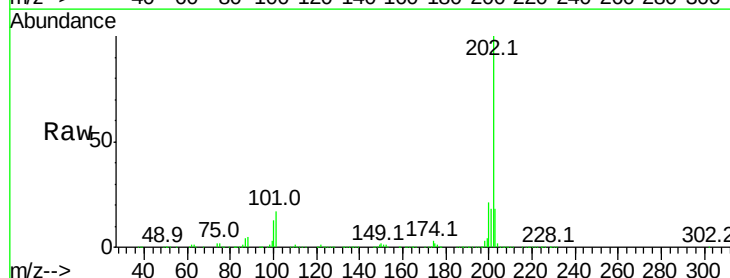
Tgt Ion:202 Resp: 1099520

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

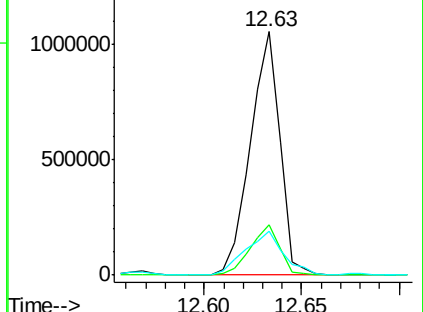
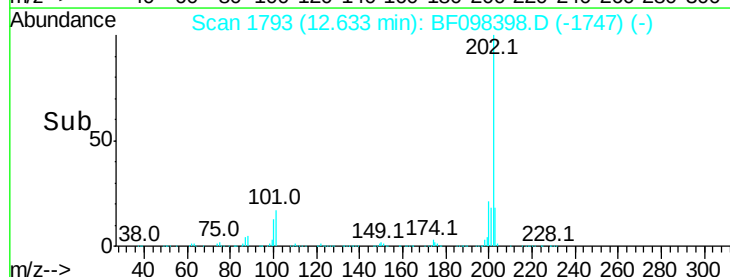
203 17.8 14.4 21.6

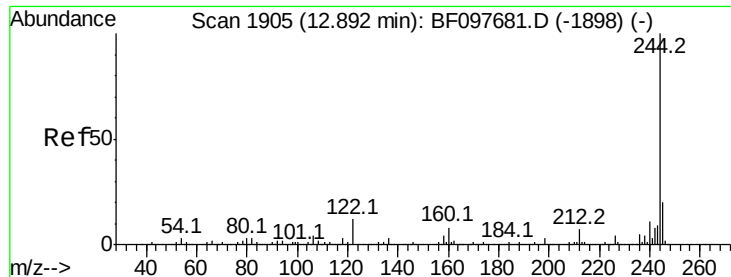


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.692 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

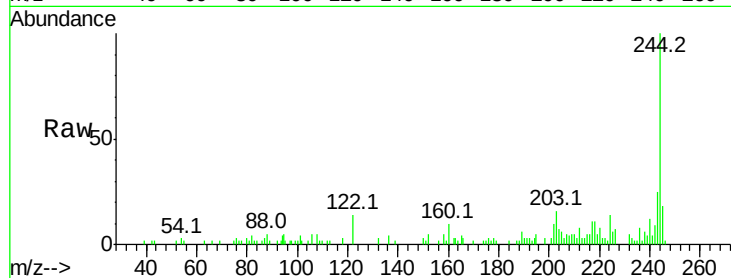
Tot Ion:244 Resp: 17025

Ion Ratio Lower Upper

244 100

212 8.5 6.0 9.0

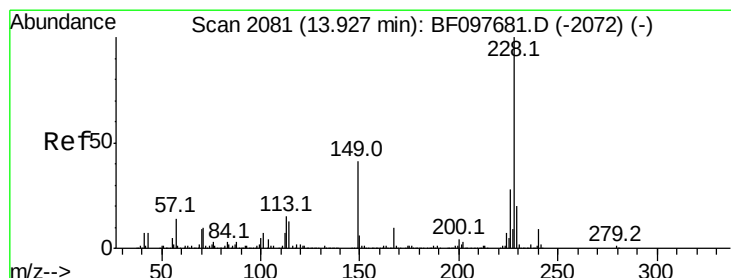
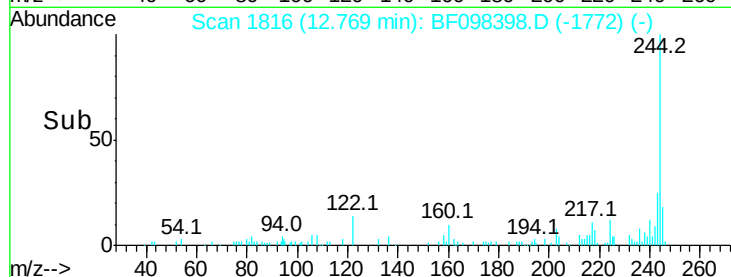
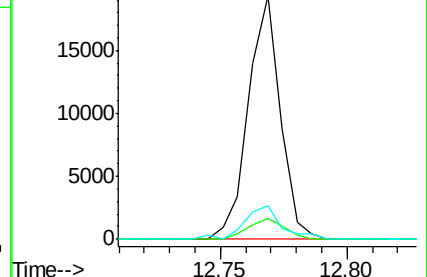
122 13.9 10.3 15.5



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: 27.075 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.00 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

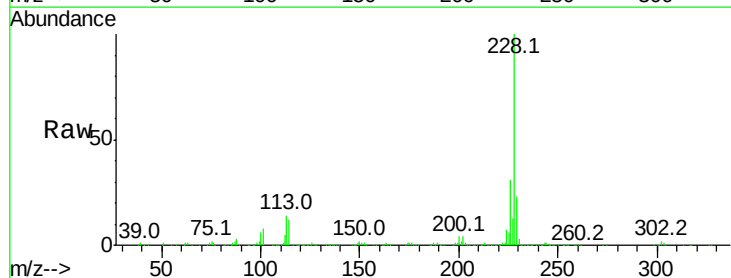
Tgt Ion:228 Resp: 340508

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

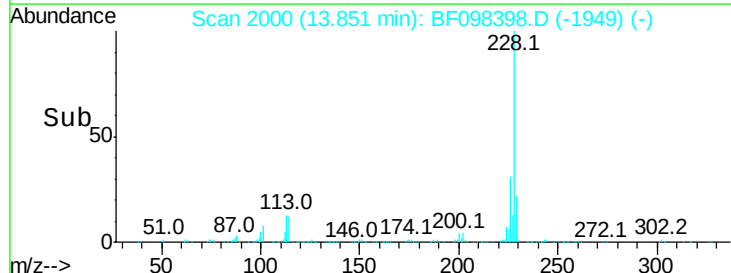
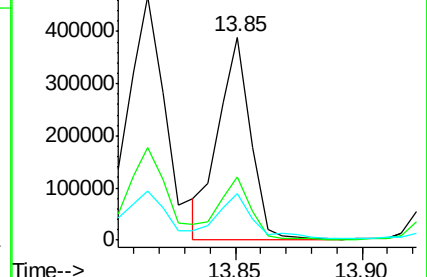
229 23.0 16.3 24.5

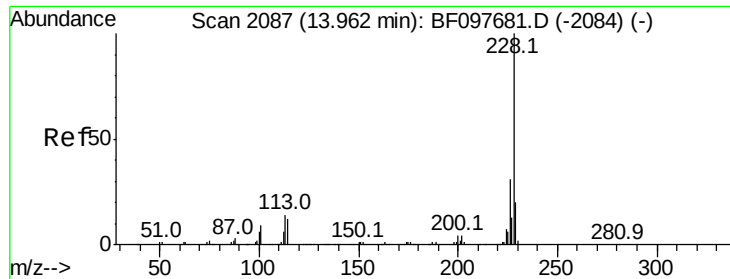


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 27.217 ng

RT: 13.85 min Scan# 2000

Delta R.T. -0.04 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampleId :

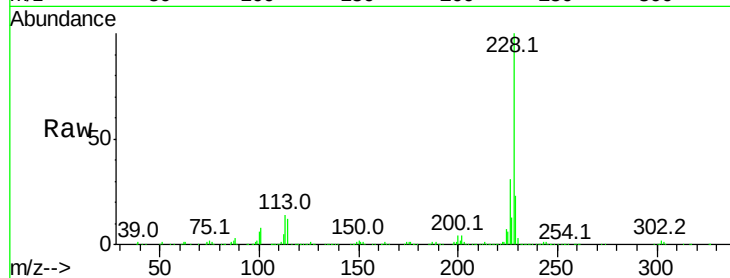
Tot Ion:228 Resp: 340508

Ion Ratio Lower Upper

228 100

226 31.4 24.9 37.3

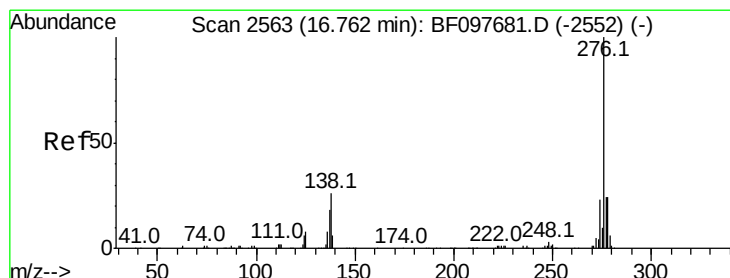
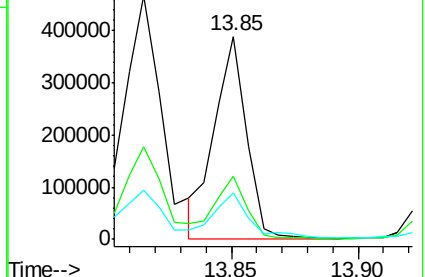
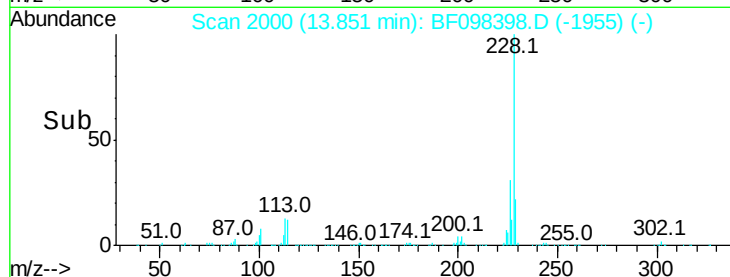
229 23.0 15.8 23.6



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: 3.117 ng

RT: 16.42 min Scan# 2437

Delta R.T. -0.22 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

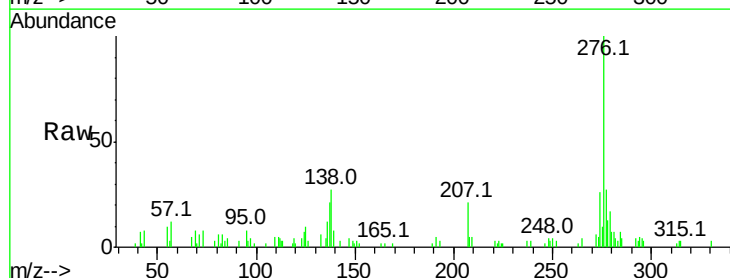
Tgt Ion:276 Resp: 28684

Ion Ratio Lower Upper

276 100

138 28.5 27.8 41.6

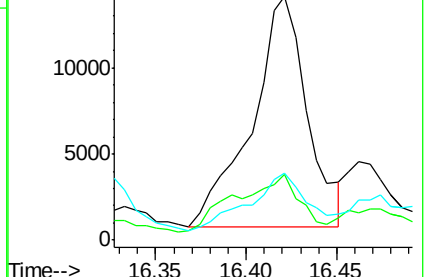
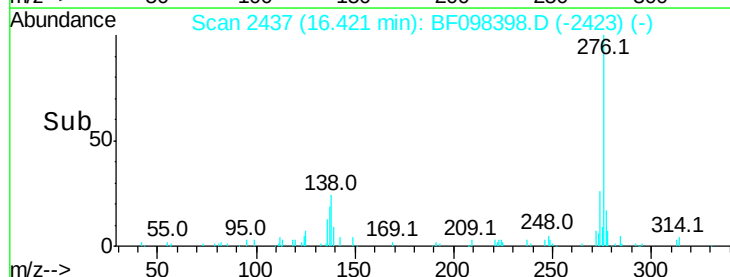
277 25.2 20.2 30.4

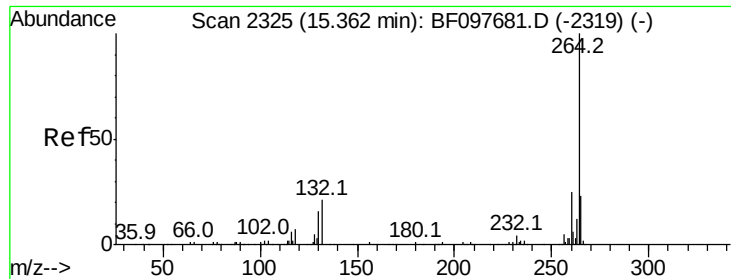


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



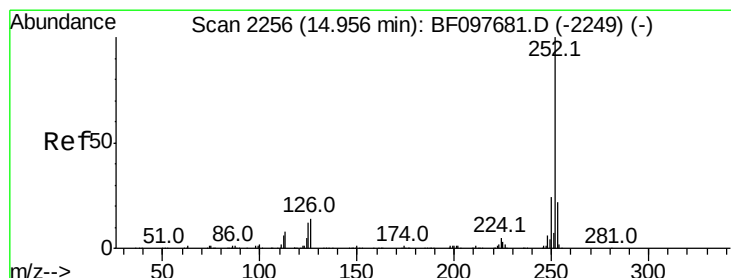
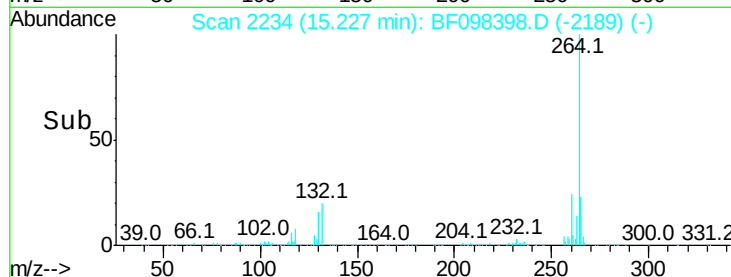
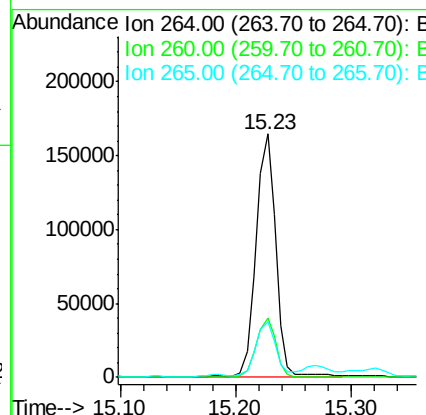
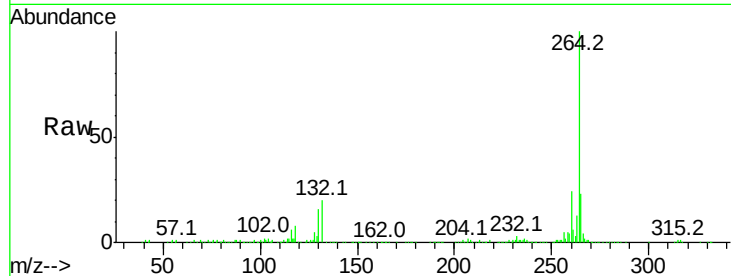


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 198342

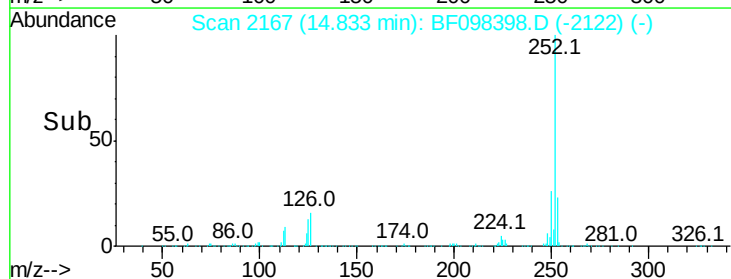
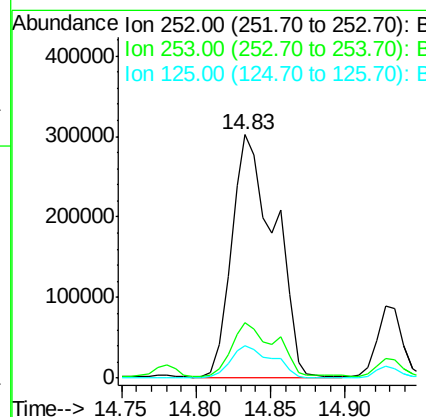
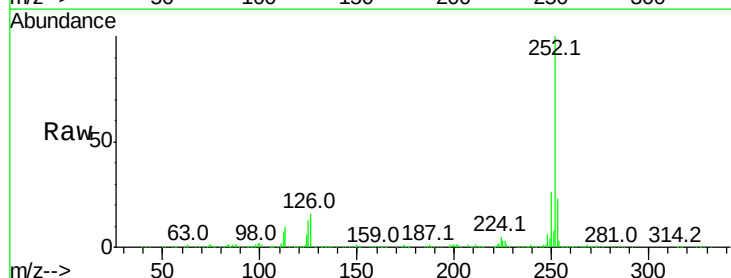
Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.9	17.2	25.8

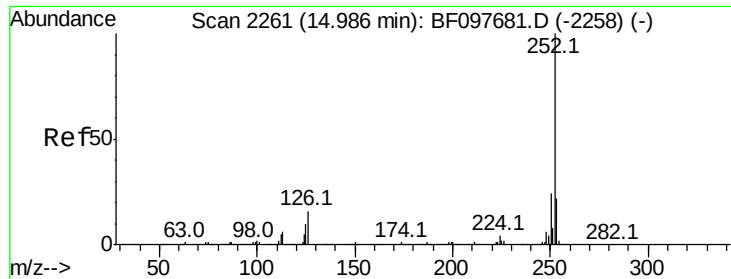


#87
Benzo(b)fluoranthene
Concen: 48.088 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.04 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

Tgt Ion:252 Resp: 601203

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.1	27.1
125	13.3	9.8	14.8

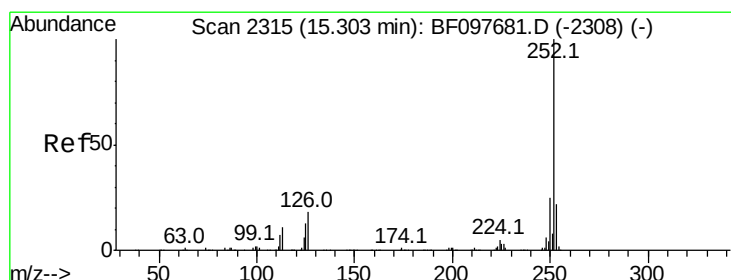
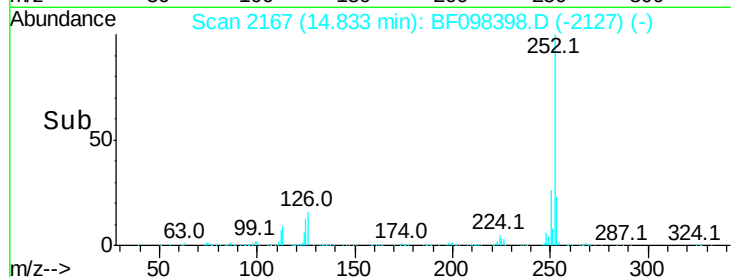
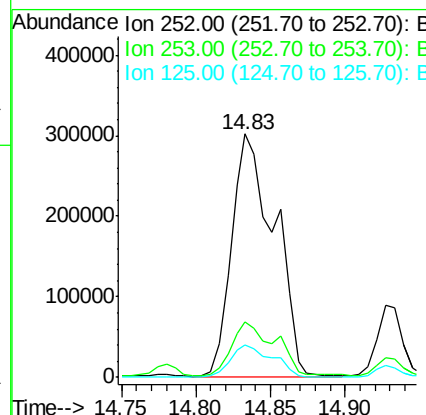
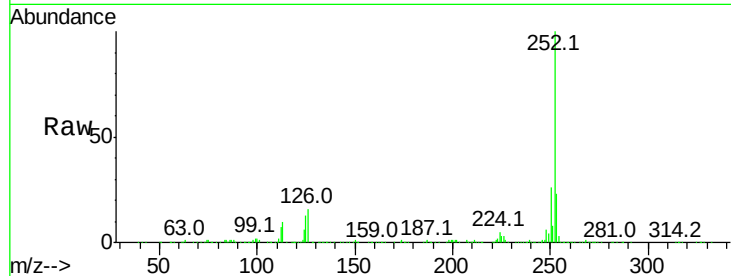




#88
Benzo(k)fluoranthene
Concen: 51.185 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.06 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

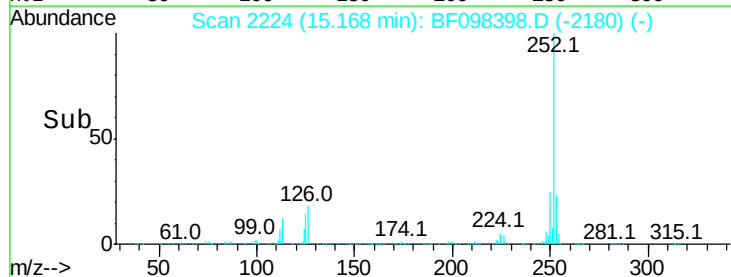
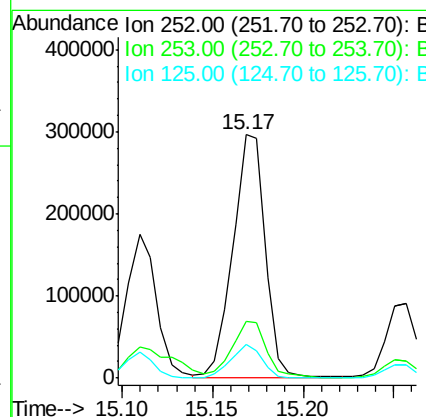
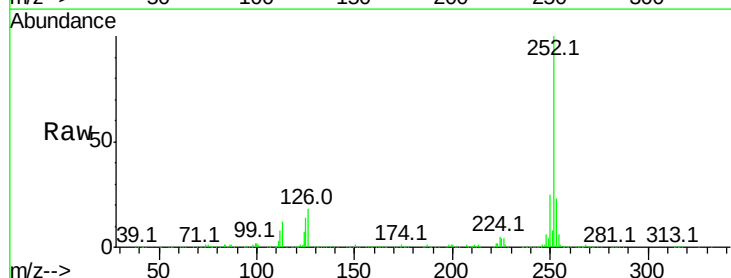
Instrument :
BNA_F
ClientSampleId :

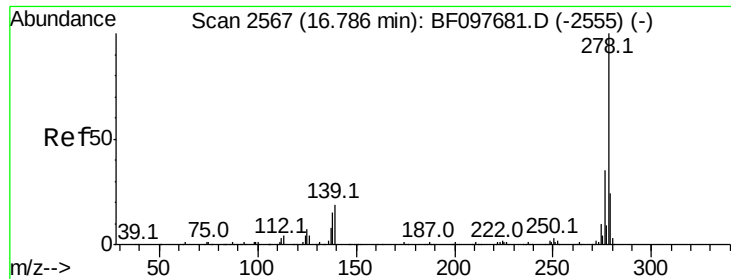
Tot Ion:252 Resp: 601203
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 13.3 13.1 19.7



#89
Benzo(a)pyrene
Concen: 32.959 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.04 min
Lab File: BF098398.D
Acq: 9 Sep 2017 20:58

Tgt Ion:252 Resp: 364788
Ion Ratio Lower Upper
252 100
253 23.5 17.5 26.3
125 13.8 11.0 16.4





#90

Dibenzo(a,h)anthracene

Concen: 3.866 ng

RT: 16.73 min Scan# 2489

Delta R.T. 0.08 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

Instrument :

BNA_F

ClientSampled :

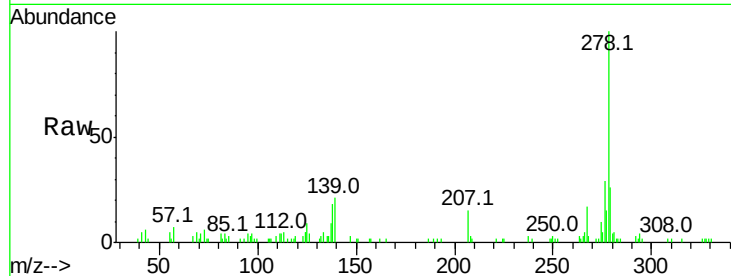
Tot Ion:278 Resp: 34834

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

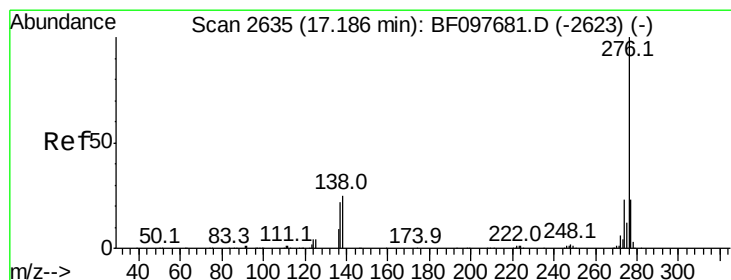
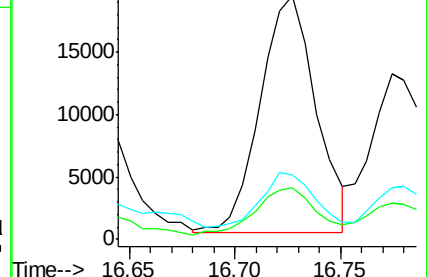
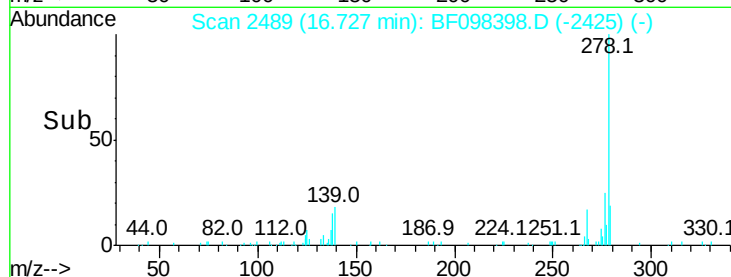
279 26.4 19.3 28.9



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: 15.780 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.08 min

Lab File: BF098398.D

Acq: 9 Sep 2017 20:58

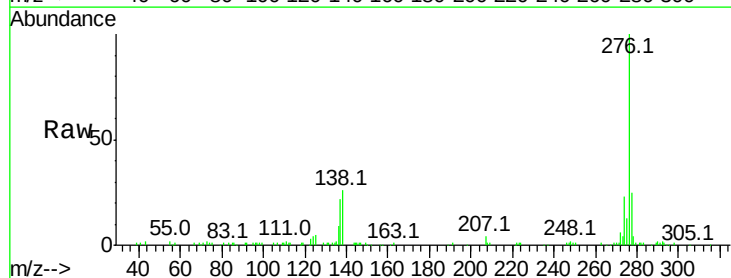
Tgt Ion:276 Resp: 148360

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 25.8 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

