

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090917\
 Data File : BF098397.D
 Acq On : 9 Sep 2017 20:30
 Operator : SJ/JU
 Sample : I5151-03 50X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 11 04:15:32 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	99381	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	368572	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	169402	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	268934	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	192303	20.00	ng	-0.04
86) Perylene-d12	15.23	264	196243	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	14611	2.24	ng	-0.02
7) Phenol-d6	6.33	99	22082	2.49	ng	-0.02
23) Nitrobenzene-d5	7.24	82	12426	1.83	ng	-0.04
41) 2,4,6-Tribromophenol	10.50	330	2657	1.81	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	22205	1.93	ng	-0.04
78) Terphenyl-d14	12.77	244	15113	1.64	ng	-0.04

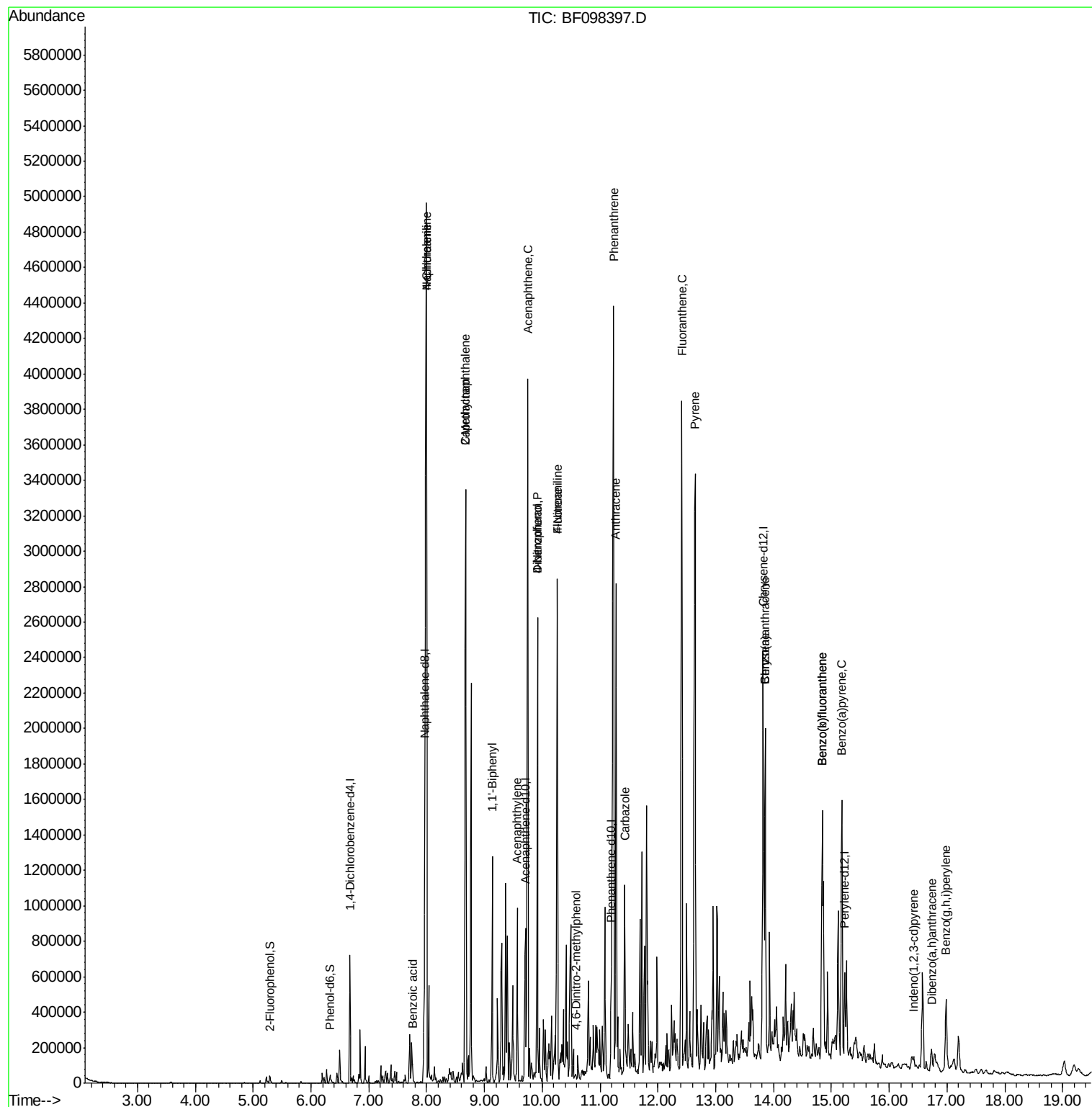
Target Compounds				Qvalue		
31) Naphthalene	8.00	128	3986350	208.334	ng	99
32) Benzoic acid	7.77	122	483	6.502	ng	# 63
33) 4-Chloroaniline	8.00	127	558066	69.156	ng	# 35
35) Caprolactam	8.67	113	24377	14.682	ng	# 1
37) 2-Methylnaphthalene	8.67	142	1048042	89.338	ng	99
45) 1,1'-Biphenyl	9.13	154	375109	24.282	ng	97
48) Acenaphthylene	9.57	152	278687	15.548	ng	# 96
51) Acenaphthene	9.75	154	1056832	93.488	ng	99
54) Dibenzofuran	9.92	168	1056058	69.704	ng	99
55) 4-Nitrophenol	9.92	139	386986	152.123	ng	# 27
57) Fluorene	10.26	166	892621	76.204	ng	98
61) 4-Nitroaniline	10.26	138	10594	3.495	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.57	198	132	8.407	ng	# 35
70) Phenanthrene	11.23	178	2955016	206.201	ng	99
71) Anthracene	11.27	178	1118329	76.939	ng	100
72) Carbazole	11.43	167	390701	28.318	ng	97
74) Fluoranthene	12.42	202	2155012	144.072	ng	100
77) Pyrene	12.65	202	1894811	120.472	ng	98
80) Benzo(a)anthracene	13.86	228	611325	53.041	ng	94
82) Chrysene	13.86	228	611325	53.320	ng	97
85) Indeno(1,2,3-cd)pyrene	16.43	276	54782	6.495	ng	92
87) Benzo(b)fluoranthene	14.84	252	1151844	93.117	ng	98
88) Benzo(k)fluoranthene	14.84	252	1151844	99.113	ng	97
89) Benzo(a)pyrene	15.18	252	702903	64.188	ng	97
90) Dibenzo(a,h)anthracene	16.73	278	65067	7.298	ng	95
91) Benzo(g,h,i)perylene	16.99	276	310423	33.371	ng	94

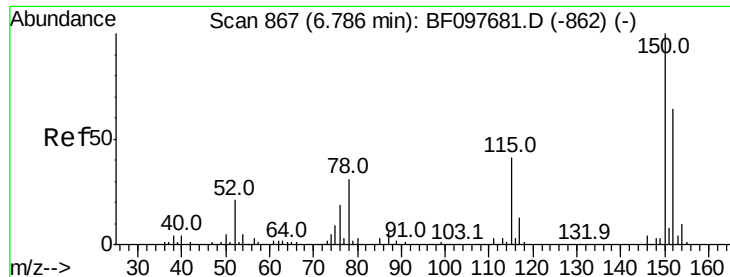
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090917\
Data File : BF098397.D
Acq On : 9 Sep 2017 20:30
Operator : SJ/JU
Sample : I5151-03 50X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 11 04:15:32 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



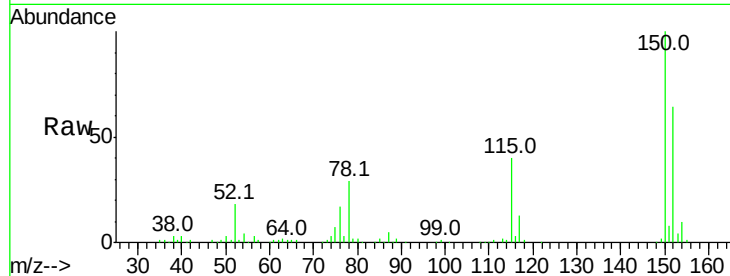


#1

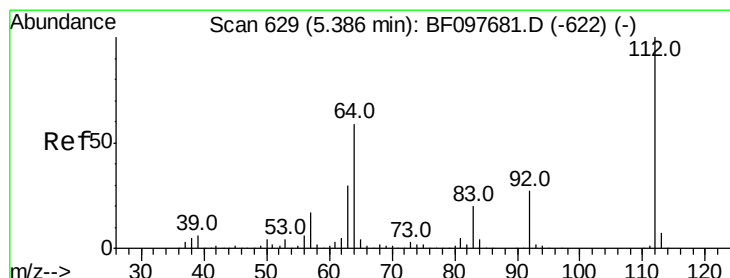
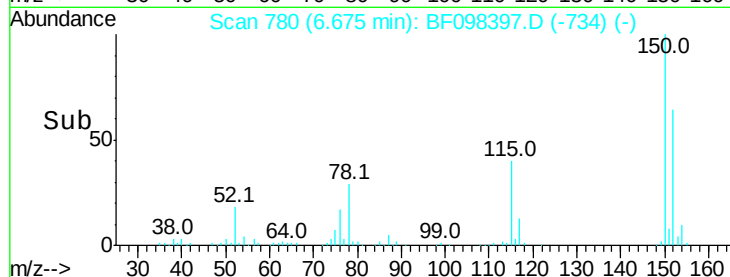
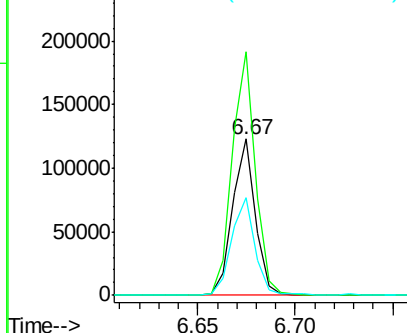
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 99381
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 62.9 52.2 78.2



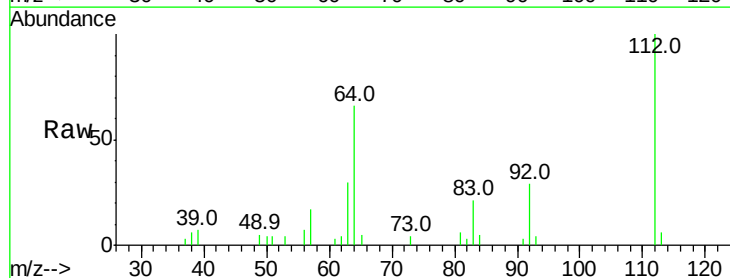
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



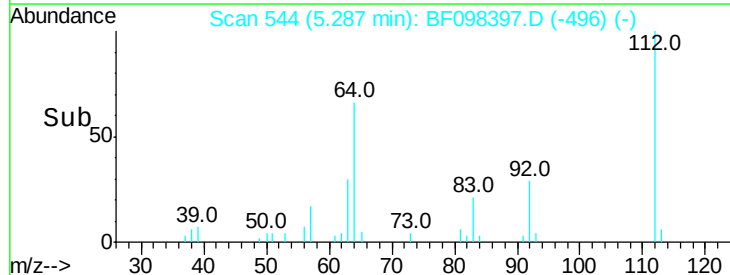
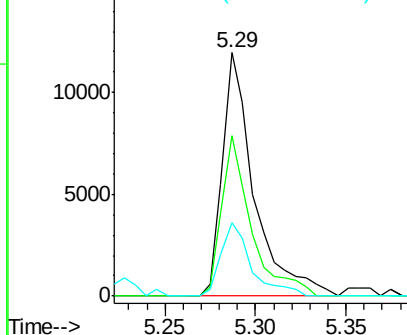
#5

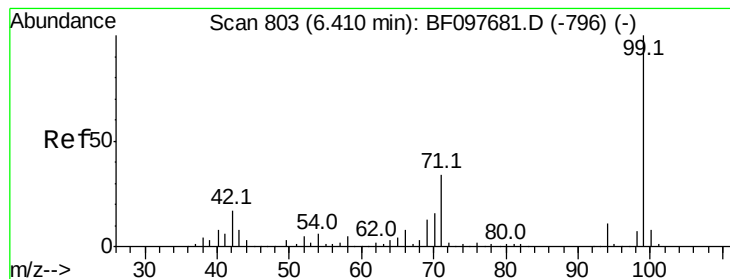
2-Fluorophenol
Concen: 2.236 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:112 Resp: 14611
Ion Ratio Lower Upper
112 100
64 65.8 46.0 69.0
63 29.9 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: 2.487 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampled :

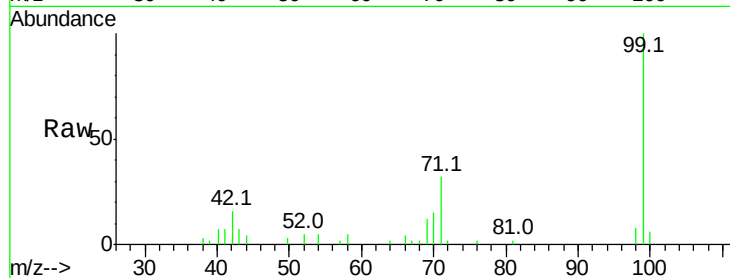
Tot Ion: 99 Resp: 22082

Ion Ratio Lower Upper

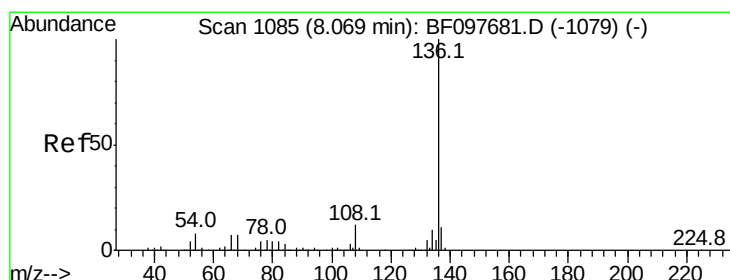
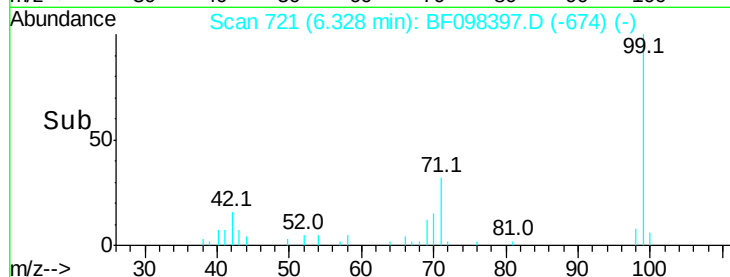
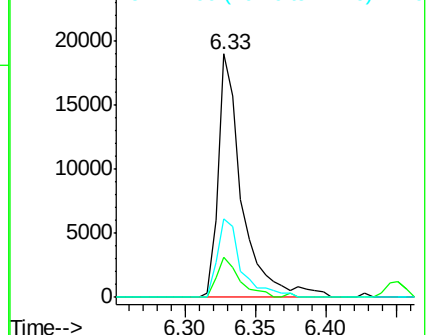
99 100

42 16.3 13.5 20.3

71 32.4 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: BF098397.D

Acq: 9 Sep 2017 20:30

Tgt Ion: 136 Resp: 368572

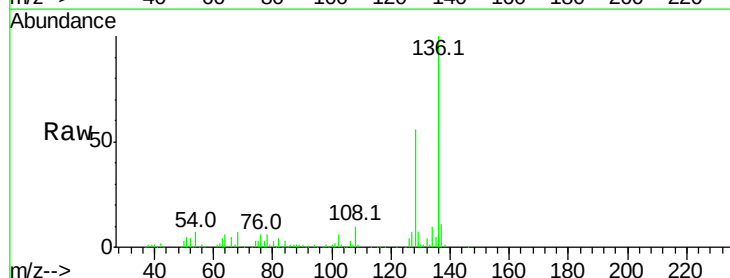
Ion Ratio Lower Upper

136 100

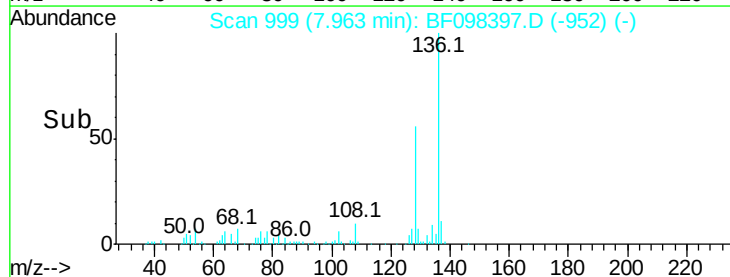
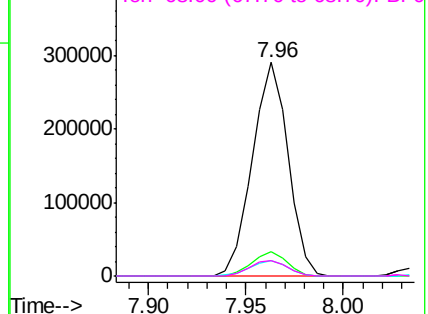
137 11.4 8.5 12.7

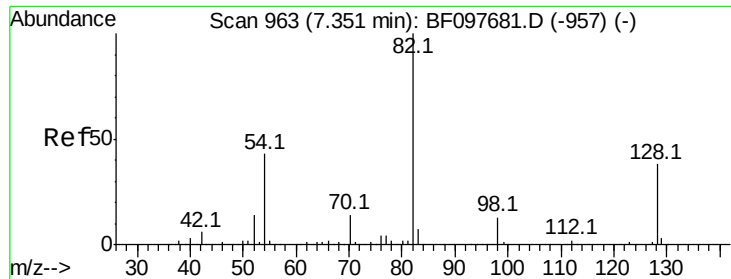
54 7.1 4.9 7.3

68 7.3 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: 1.831 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.04 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

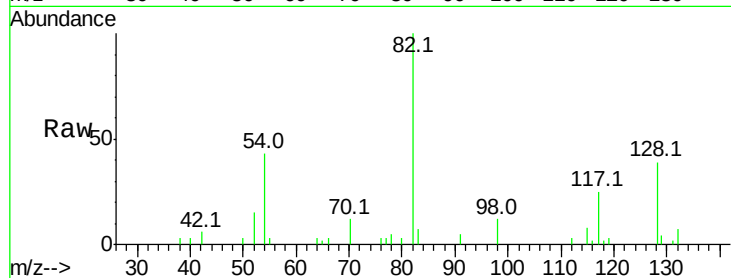
Tot Ion: 82 Resp: 12426

Ion Ratio Lower Upper

82 100

128 38.7 34.0 51.0

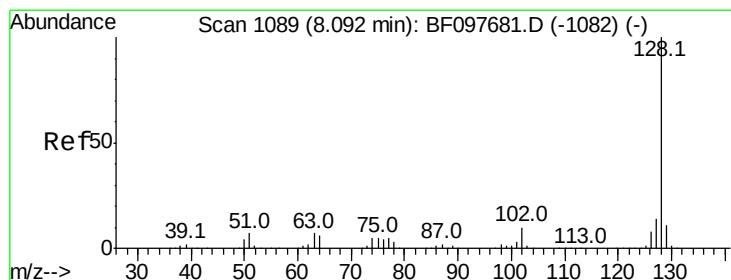
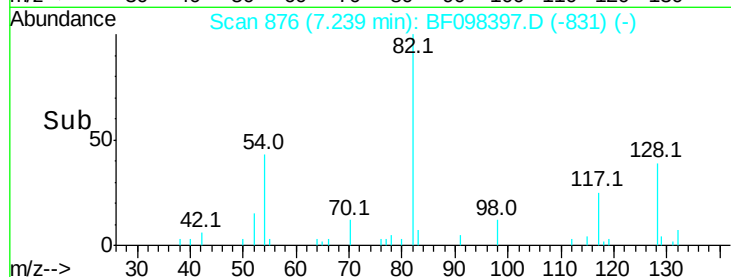
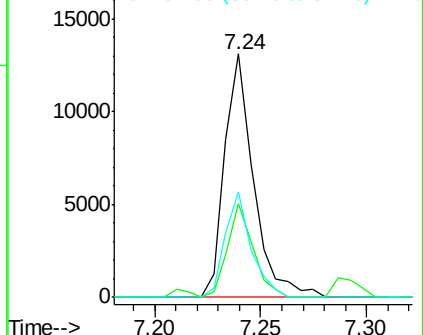
54 43.4 42.2 63.2



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: 208.334 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

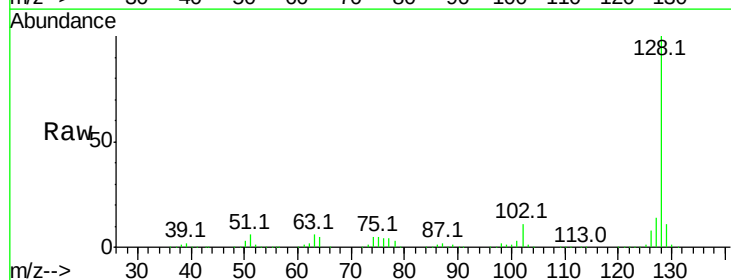
Tgt Ion:128 Resp: 3986350

Ion Ratio Lower Upper

128 100

129 11.4 9.0 13.6

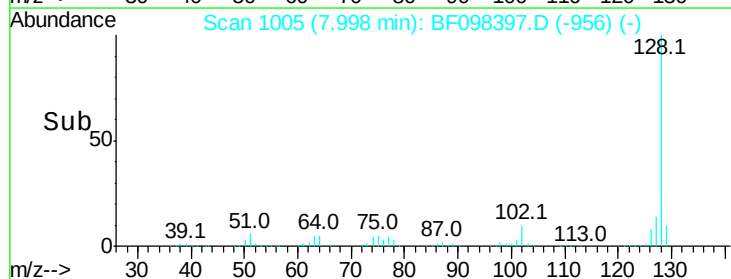
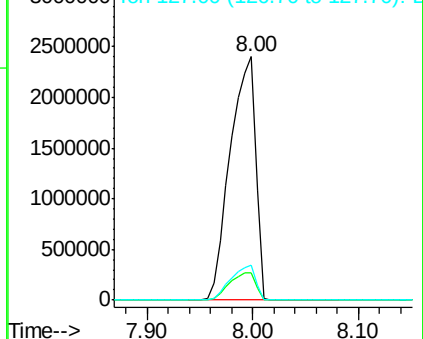
127 14.4 10.8 16.2

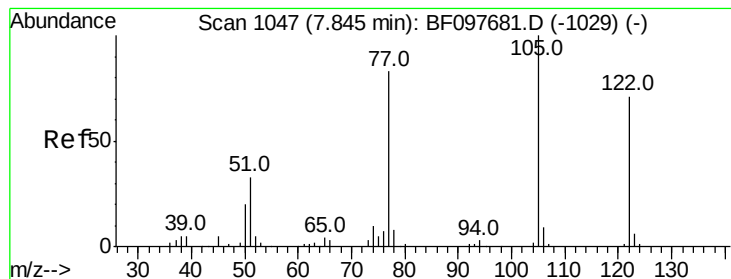


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.502 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.03 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampled :

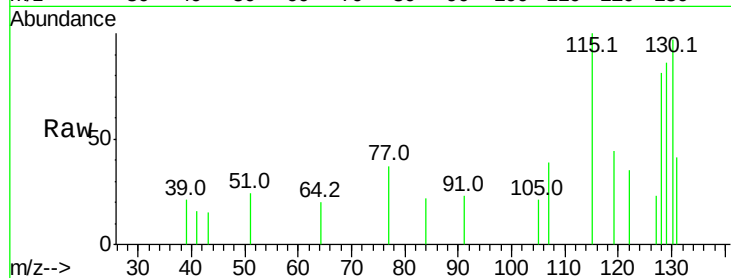
Tot Ion:122 Resp: 483

Ion Ratio Lower Upper

122 100

105 59.8 103.3 143.3#

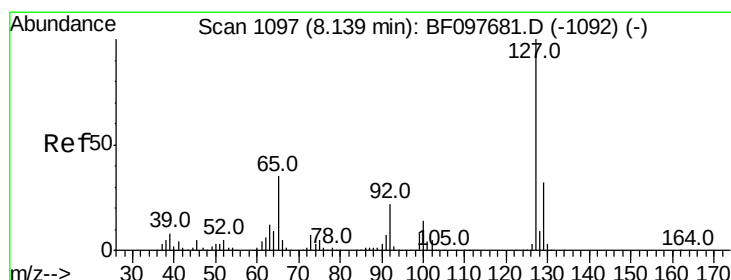
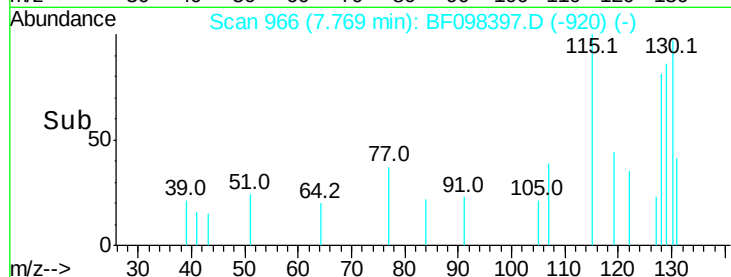
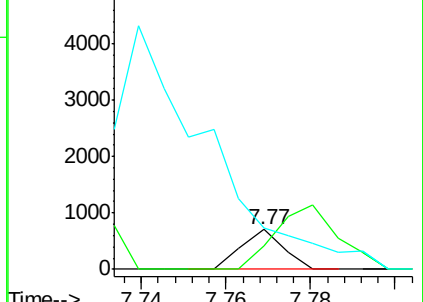
77 104.9 73.7 113.7



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: 69.156 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.06 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Tgt Ion:127 Resp: 558066

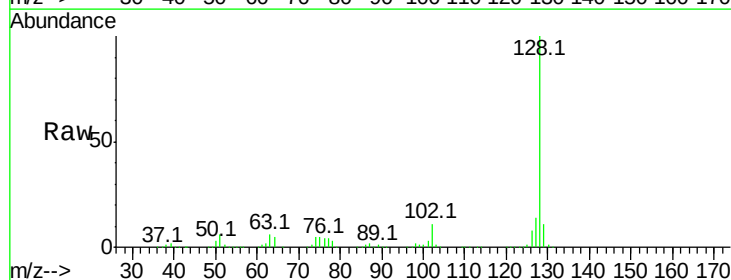
Ion Ratio Lower Upper

127 100

129 79.6 26.2 39.2#

65 0.0 27.8 41.8#

92 0.0 16.8 25.2#

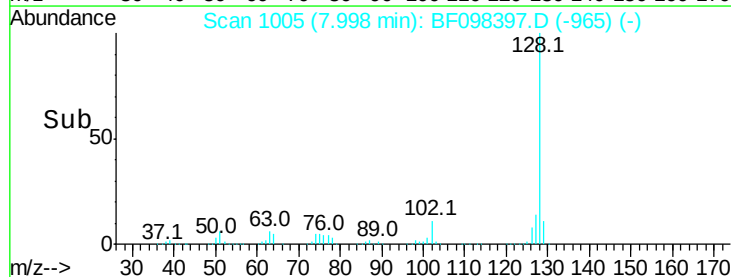
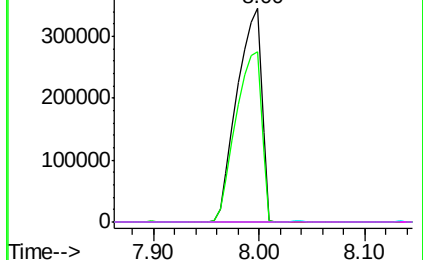


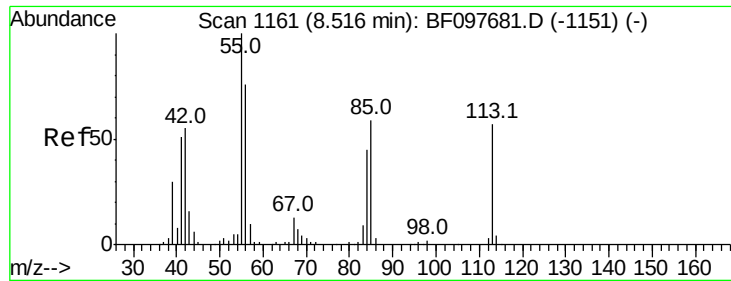
Abundance Ion 127.00 (126.70 to 127.70): E

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

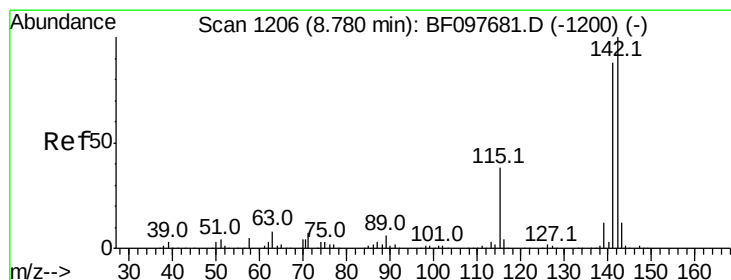
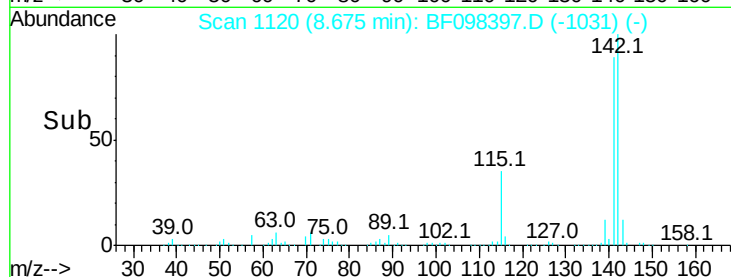
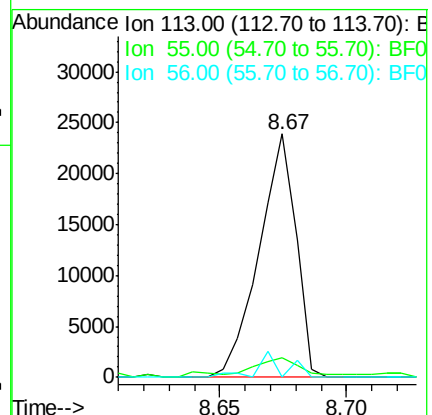
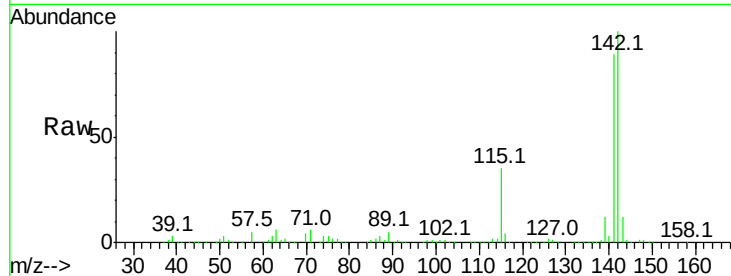




#35
Caprolactam
Concen: 14.682 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.22 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

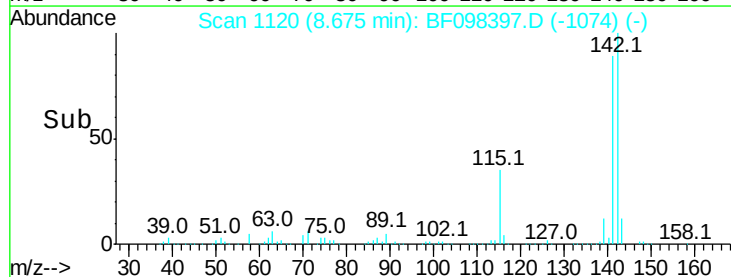
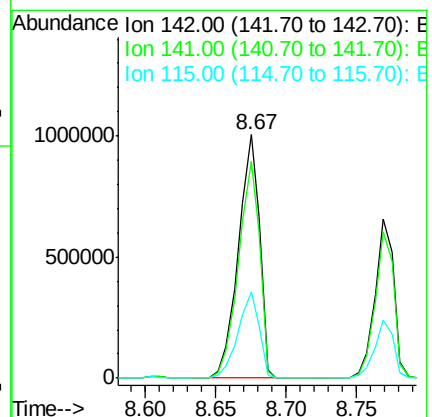
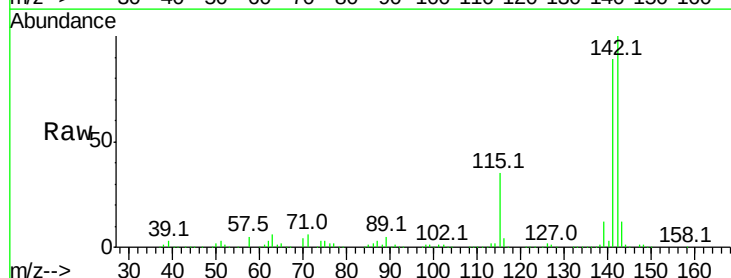
Instrument :
BNA_F
ClientSampleId :

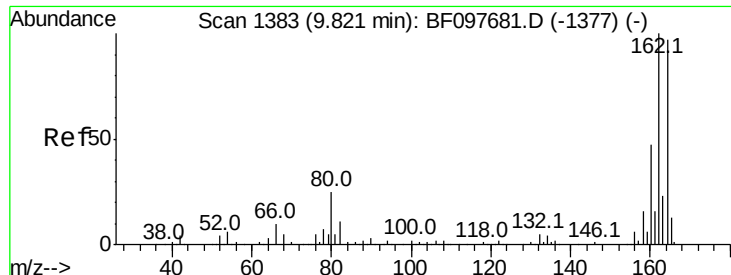
Tot Ion:113 Resp: 24377
Ion Ratio Lower Upper
113 100
55 8.3 150.2 190.2#
56 0.0 107.8 147.8#



#37
2-Methylnaphthalene
Concen: 89.338 ng
RT: 8.67 min Scan# 1120
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:142 Resp: 1048042
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9
115 35.3 27.1 40.7

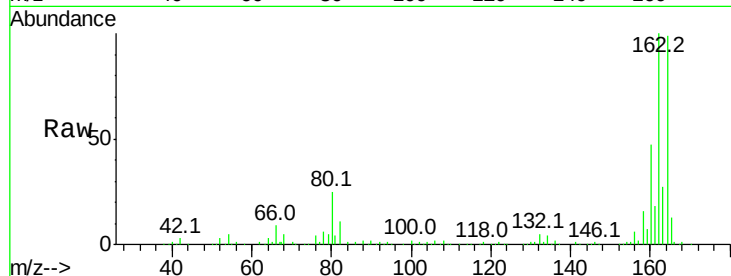




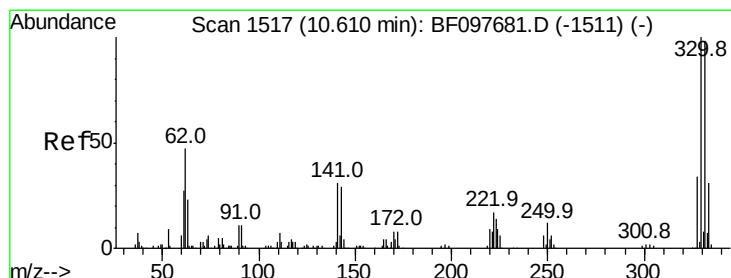
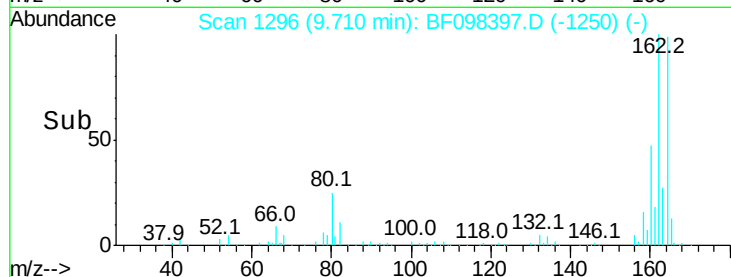
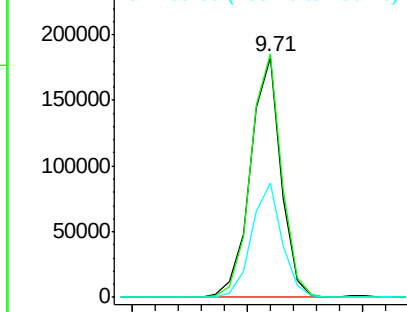
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 169402
Ion Ratio Lower Upper
164 100
162 101.4 82.6 123.8
160 47.4 36.2 54.2

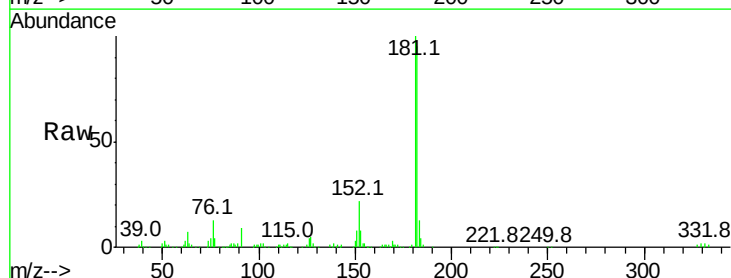


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

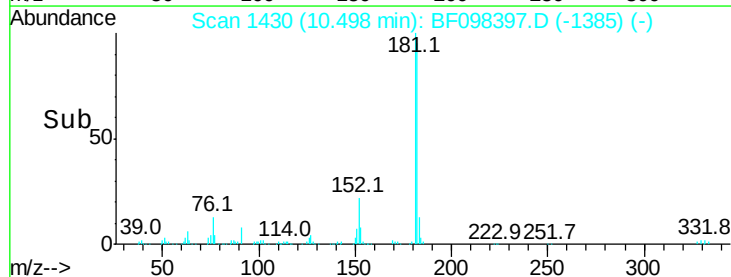
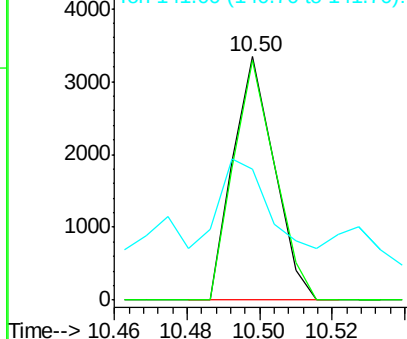


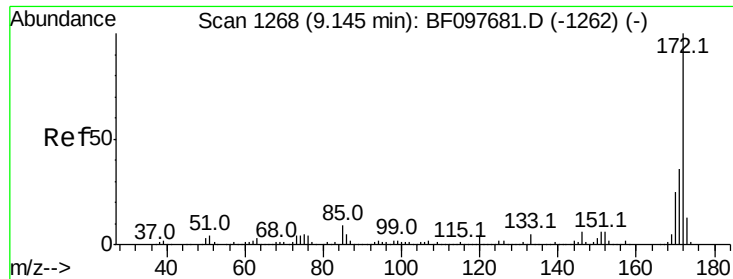
#41
2,4,6-Tribromophenol
Concen: 1.808 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:330 Resp: 2657
Ion Ratio Lower Upper
330 100
332 99.4 76.6 115.0
141 53.1 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

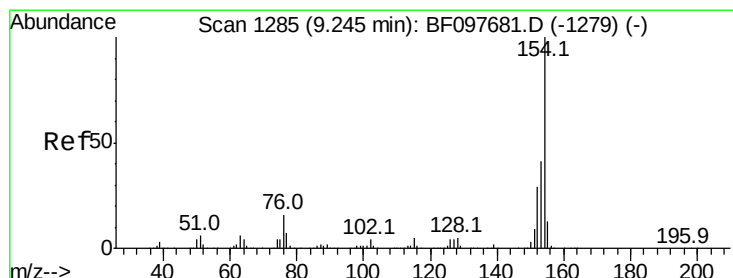
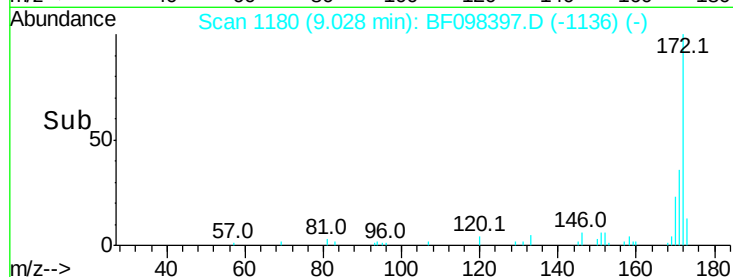
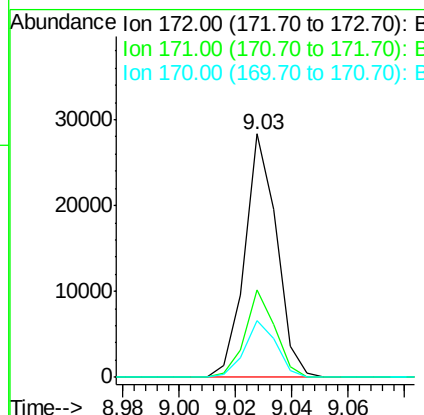
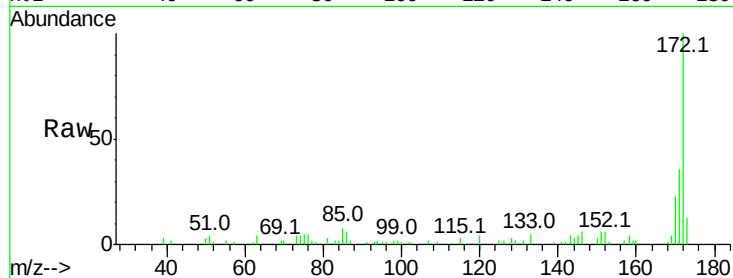




#44
 2-Fluorobiphenyl
 Concen: 1.926 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

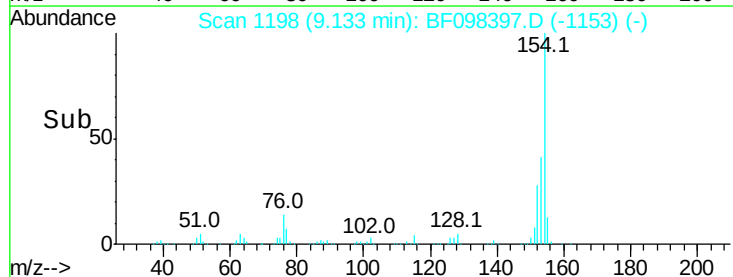
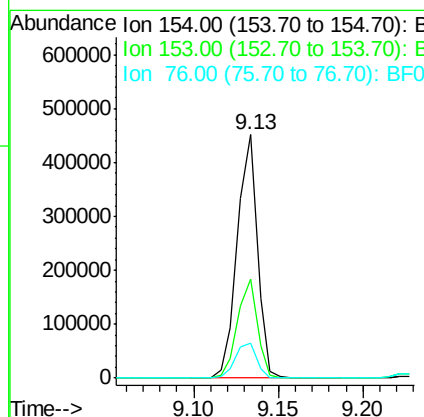
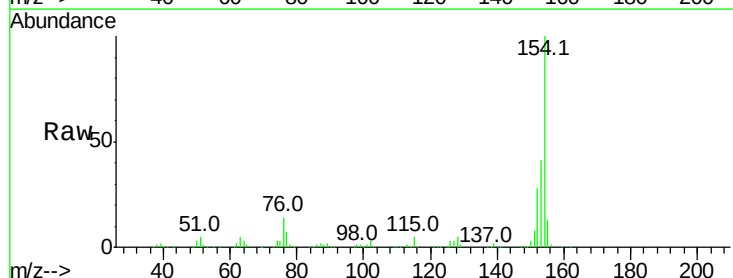
Instrument :
 BNA_F
 ClientSampleId :

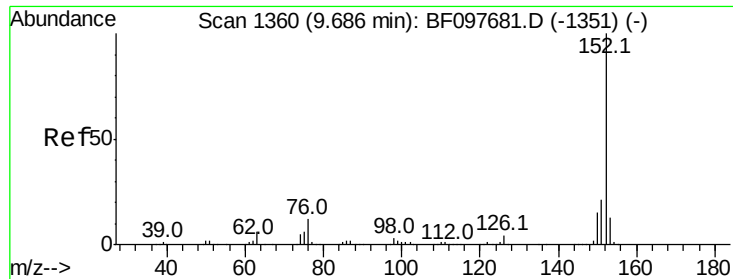
Tot Ion:172 Resp: 22205
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.5 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 24.282 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.04 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

Tgt Ion:154 Resp: 375109
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.2 61.2
 76 14.2 0.0 29.9

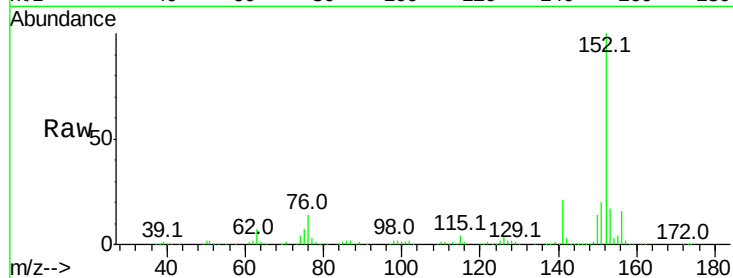




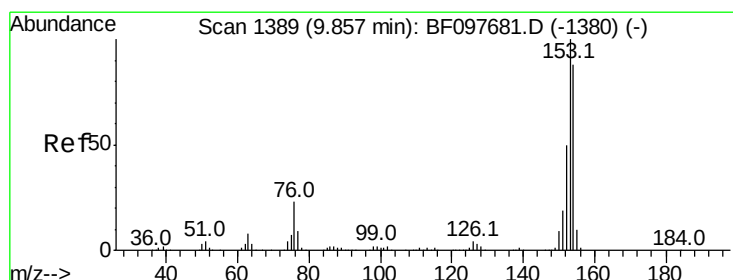
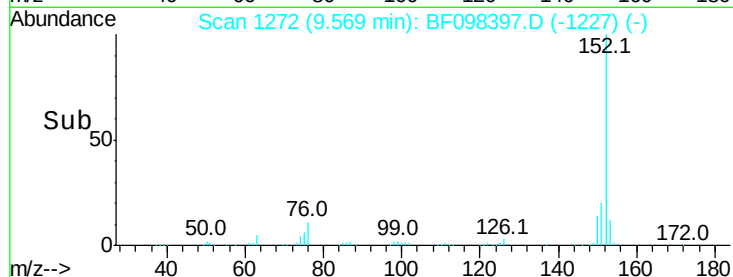
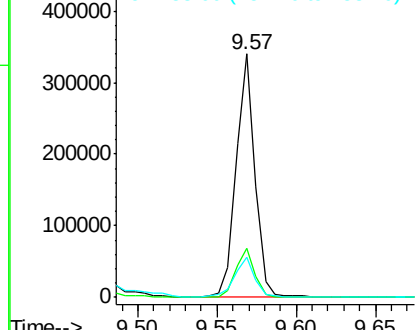
#48
Acenaphthylene
Concen: 15.548 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.8	25.2
153	16.5	10.8	16.2#

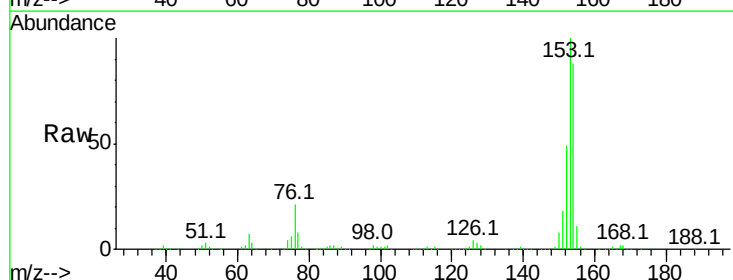


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

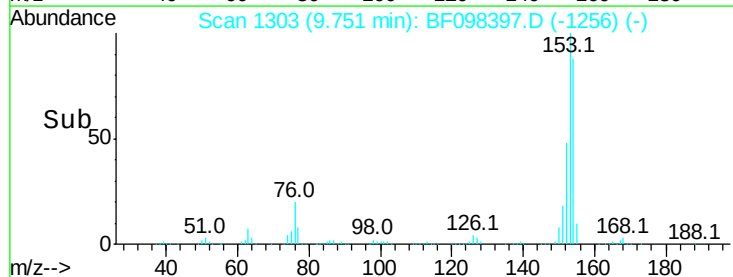
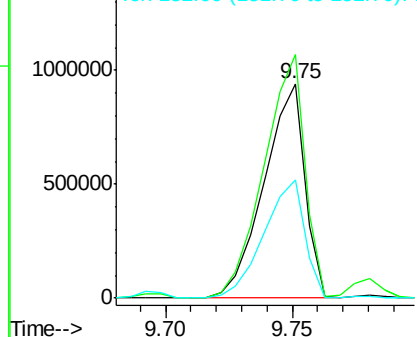


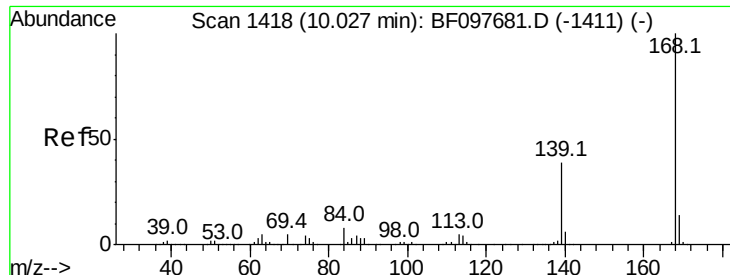
#51
Acenaphthene
Concen: 93.488 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	90.5	135.7
152	55.1	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

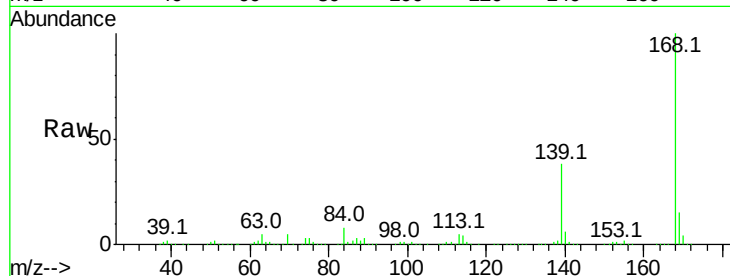




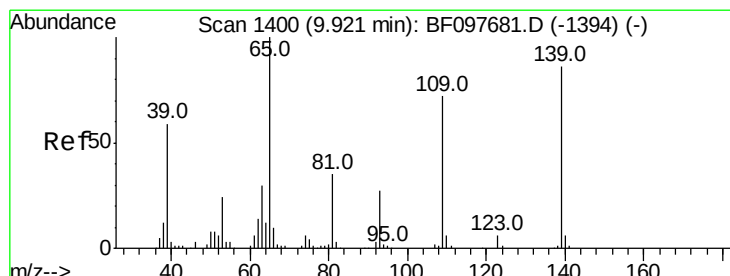
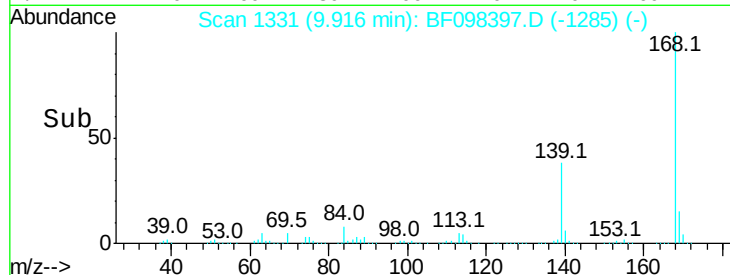
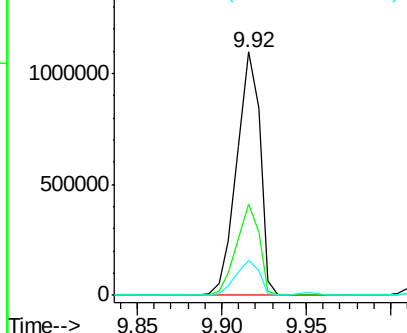
#54
Dibenzofuran
Concen: 69.704 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 1056058
Ion Ratio Lower Upper
168 100
139 37.6 30.6 45.8
169 14.6 10.8 16.2

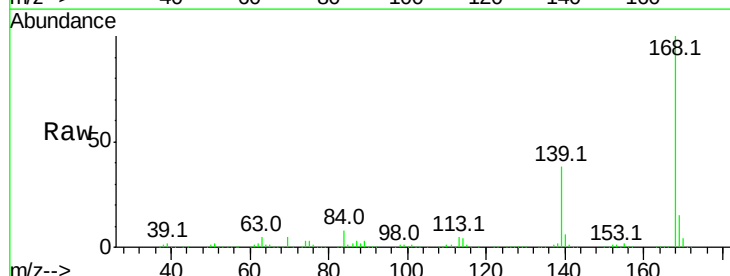


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

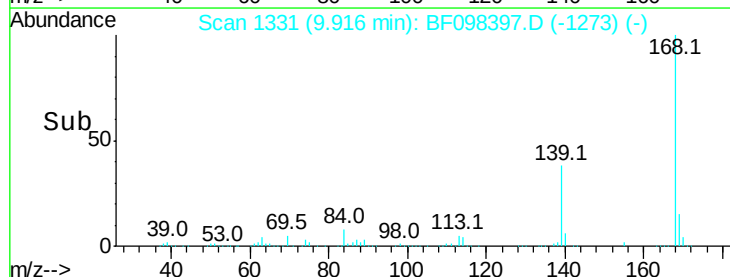
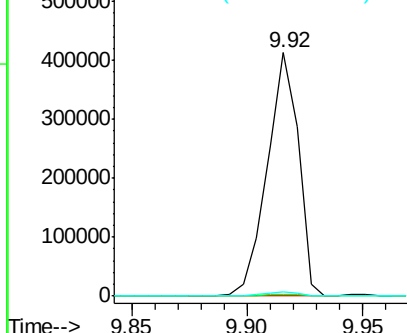


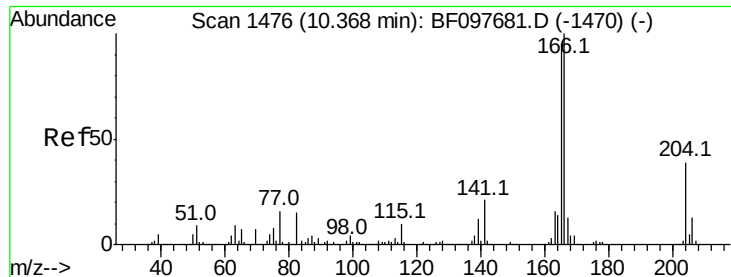
#55
4-Nitrophenol
Concen: 152.123 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.04 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:139 Resp: 386986
Ion Ratio Lower Upper
139 100
109 0.9 34.1 74.1#
65 1.6 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

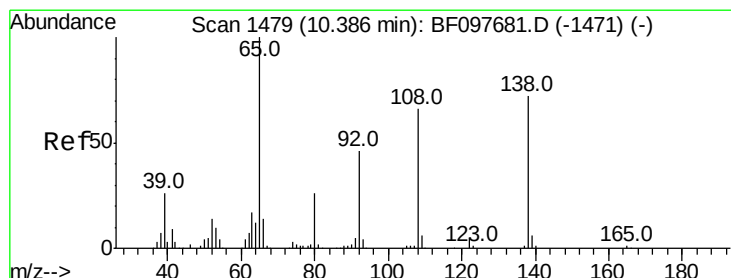
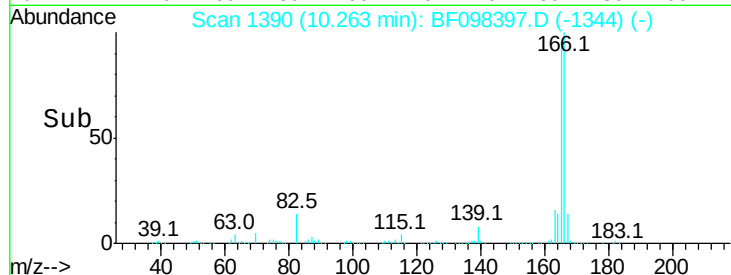
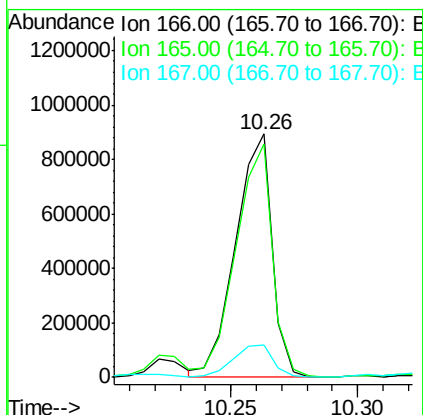
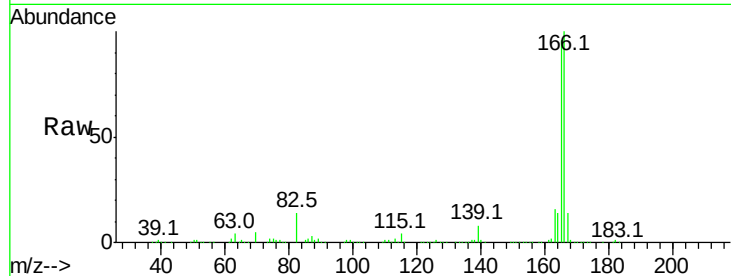




#57
 Fluorene
 Concen: 76.204 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.03 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

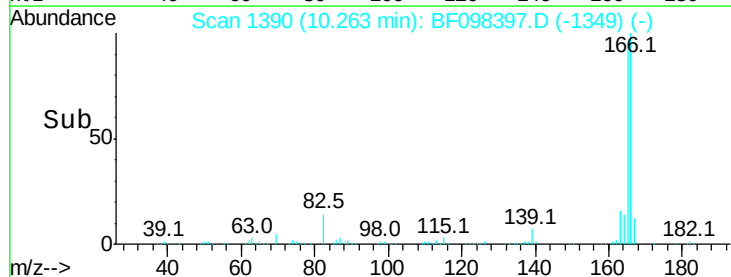
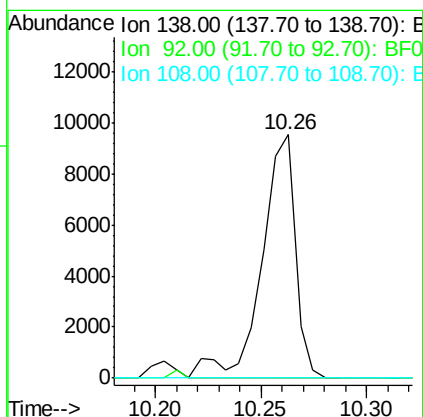
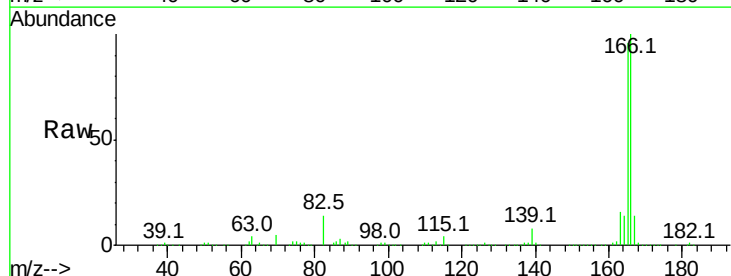
Instrument :
 BNA_F
 ClientSampled :

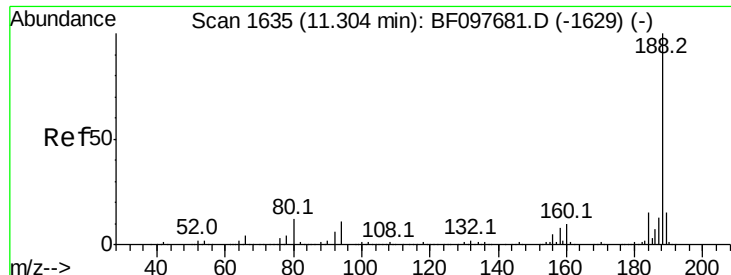
Tot Ion:166 Resp: 892621
 Ion Ratio Lower Upper
 166 100
 165 96.0 78.8 118.2
 167 13.6 10.6 16.0



#61
 4-Nitroaniline
 Concen: 3.495 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.06 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

Tgt Ion:138 Resp: 10594
 Ion Ratio Lower Upper
 138 100
 92 0.0 21.8 61.8#
 108 0.0 42.3 82.3#

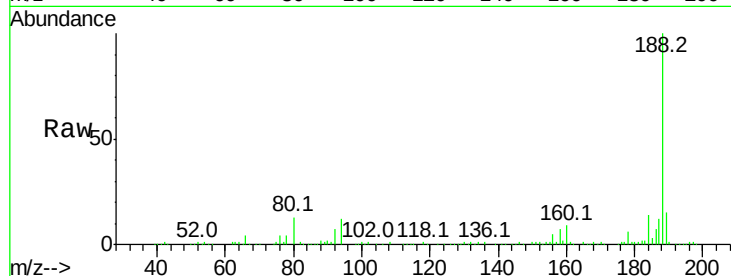




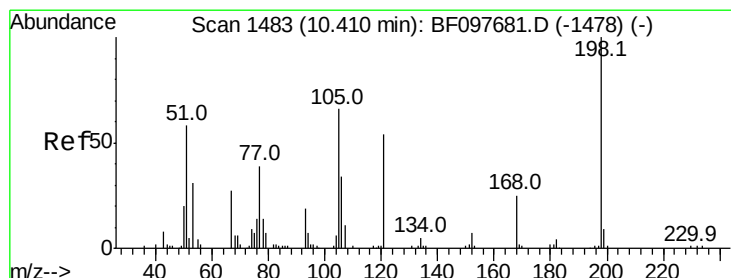
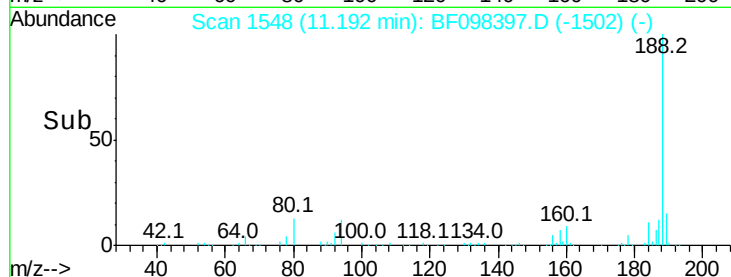
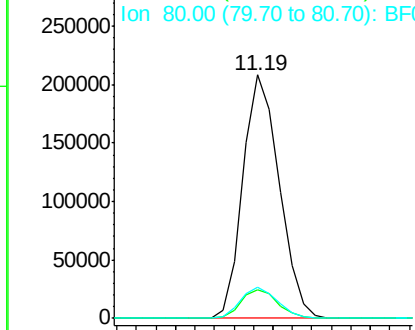
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.03 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 268934
 Ion Ratio Lower Upper
 188 100
 94 11.8 9.4 14.2
 80 13.1 10.2 15.2

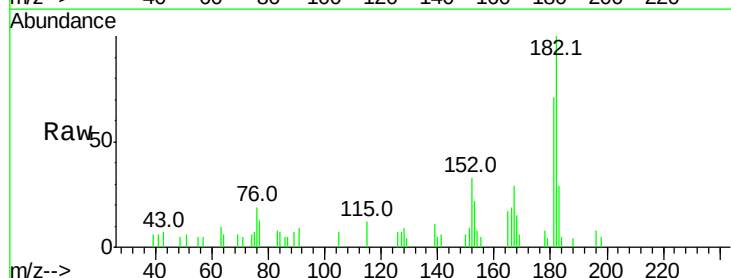


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

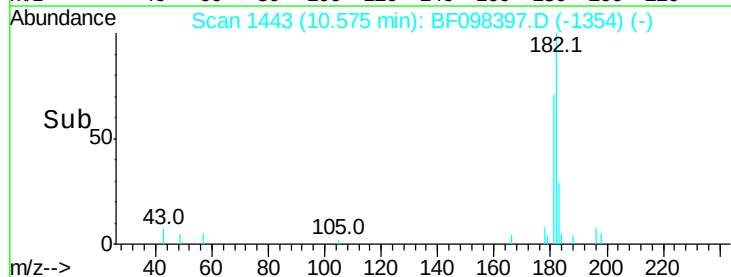
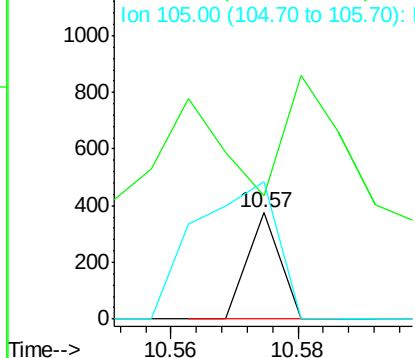


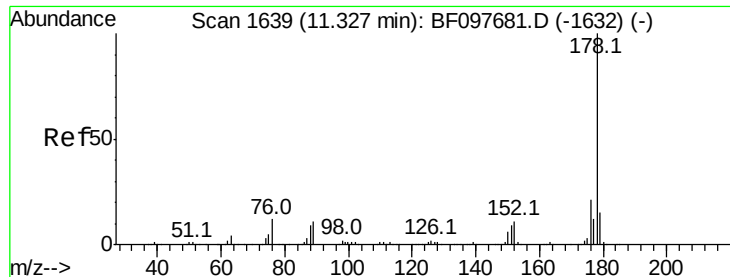
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.407 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.22 min
 Lab File: BF098397.D
 Acq: 9 Sep 2017 20:30

Tgt Ion:198 Resp: 132
 Ion Ratio Lower Upper
 198 100
 51 115.7 53.2 93.2#
 105 129.6 45.8 85.8#



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: 206.201 ng

RT: 11.23 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

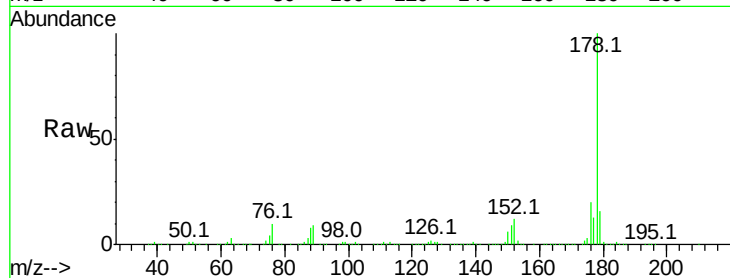
Tot Ion:178 Resp: 2955016

Ion Ratio Lower Upper

178 100

176 20.2 16.2 24.4

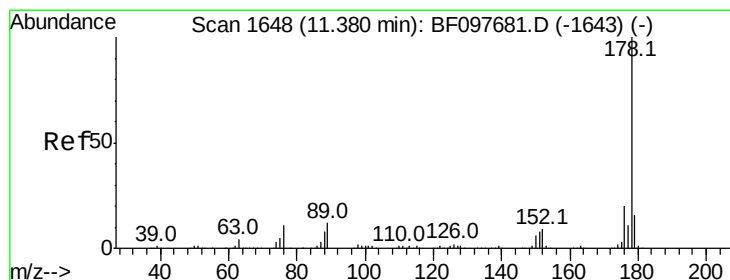
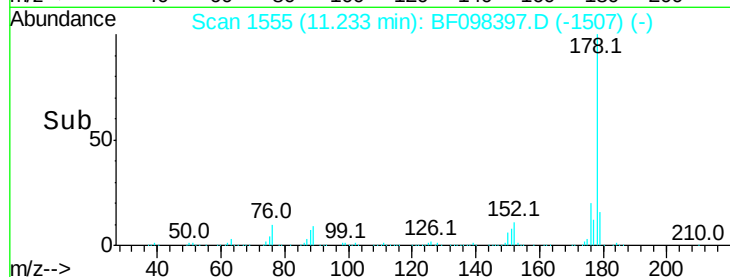
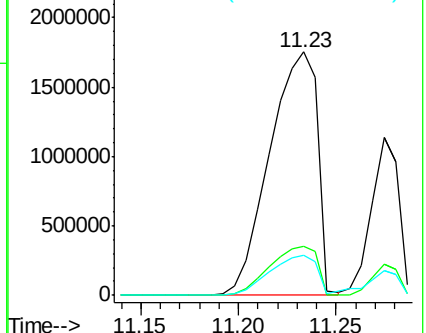
179 16.2 12.6 19.0



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: 76.939 ng

RT: 11.27 min Scan# 1562

Delta R.T. -0.03 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

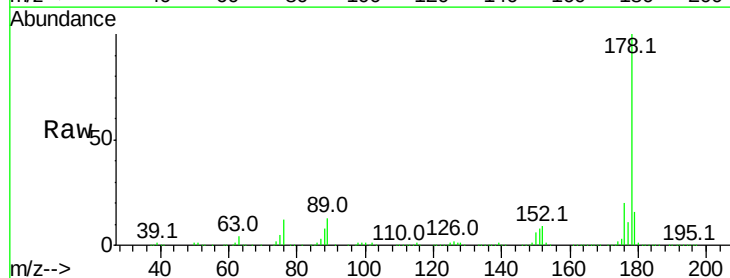
Tgt Ion:178 Resp: 1118329

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

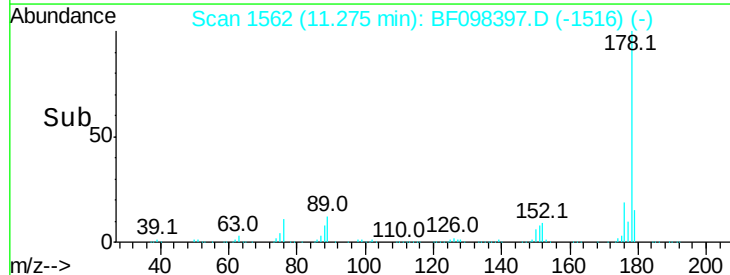
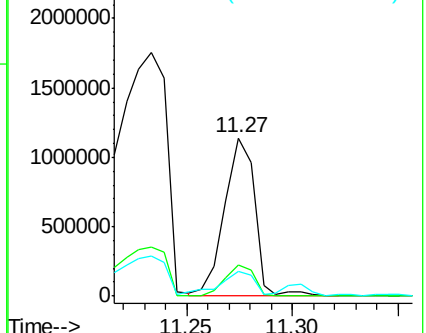
179 15.9 12.7 19.1

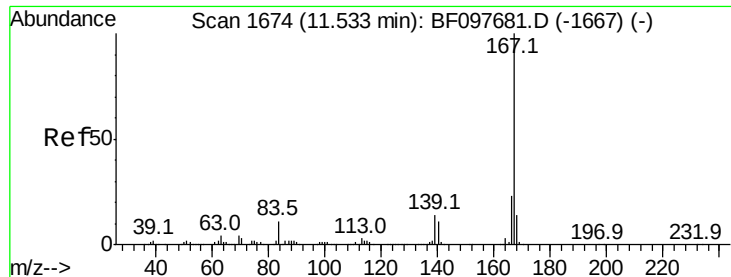


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 28.318 ng

RT: 11.43 min Scan# 1588

Delta R.T. -0.03 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

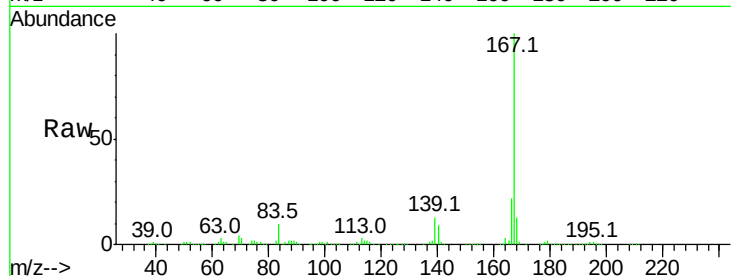
Tot Ion:167 Resp: 390701

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

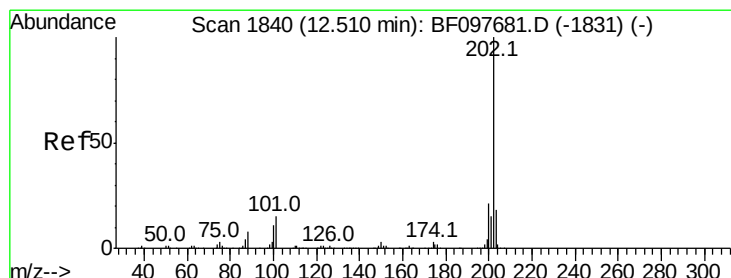
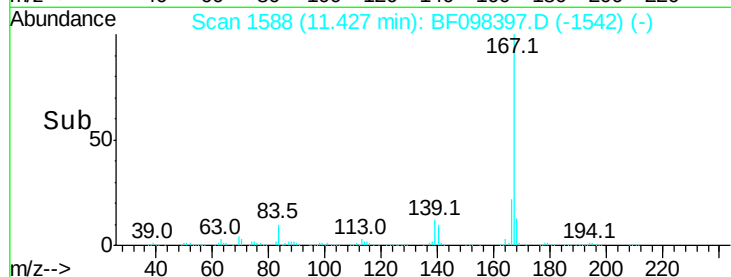
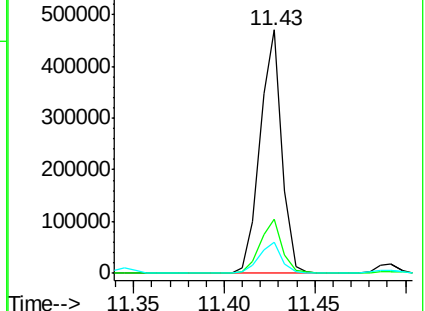
139 12.6 11.7 17.5



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: 144.072 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.02 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

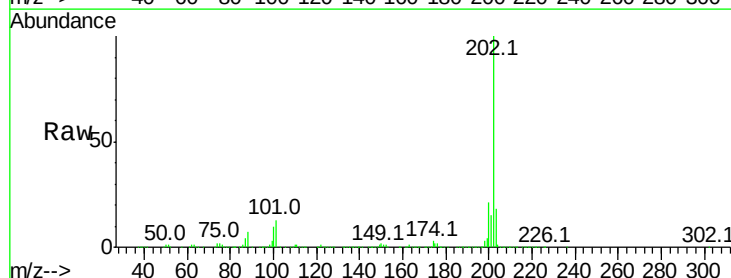
Tgt Ion:202 Resp: 2155012

Ion Ratio Lower Upper

202 100

101 13.3 0.0 33.2

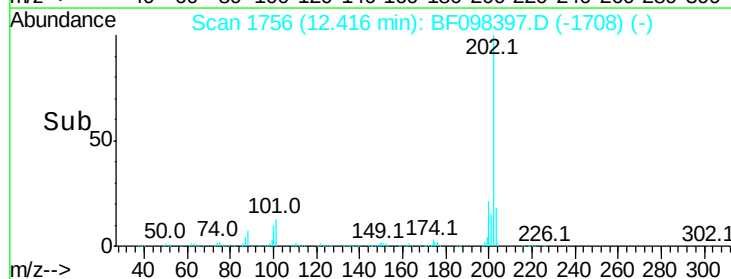
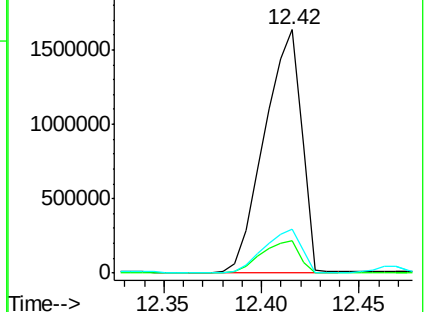
203 17.9 0.0 38.1

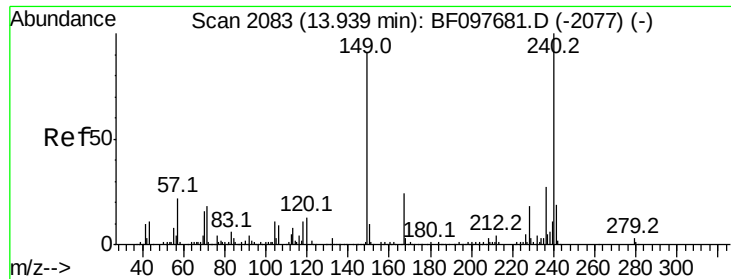


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

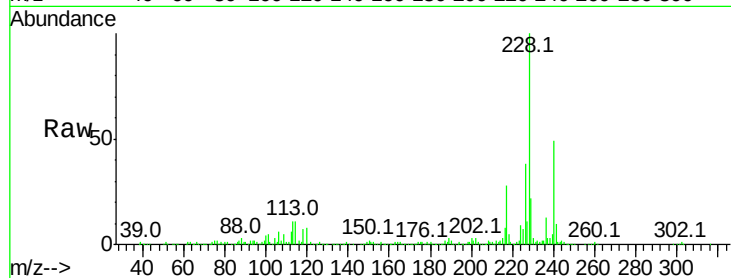
Tot Ion:240 Resp: 192303

Ion Ratio Lower Upper

240 100

120 16.3 5.8 8.8#

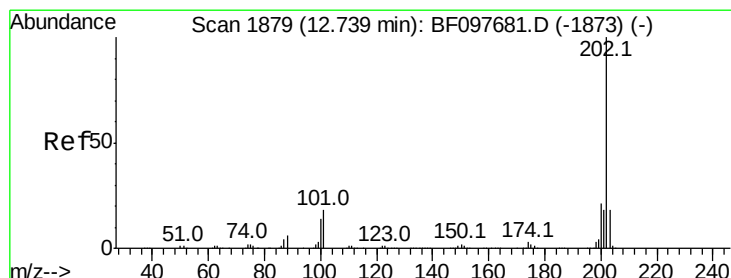
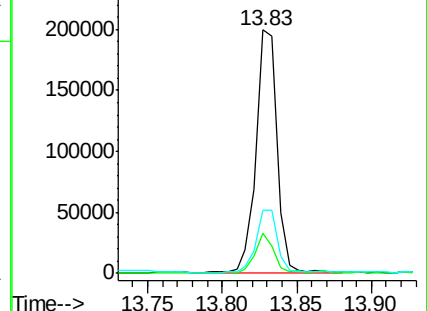
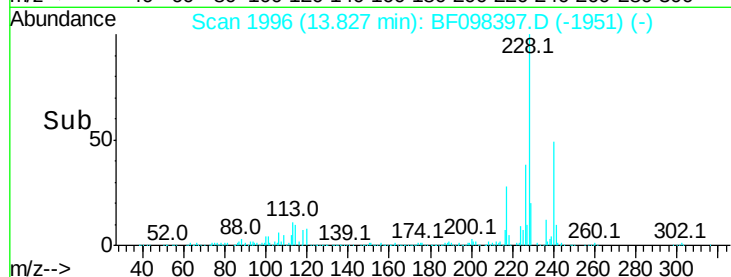
236 25.7 20.5 30.7



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: 120.472 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.02 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

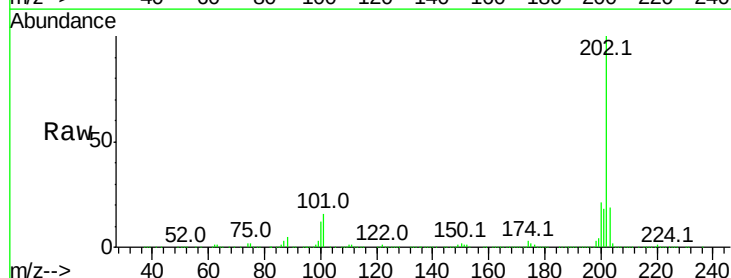
Tgt Ion:202 Resp: 1894811

Ion Ratio Lower Upper

202 100

200 21.4 17.6 26.4

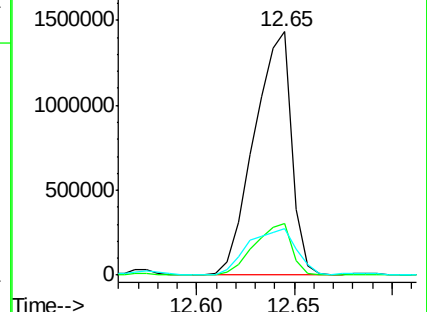
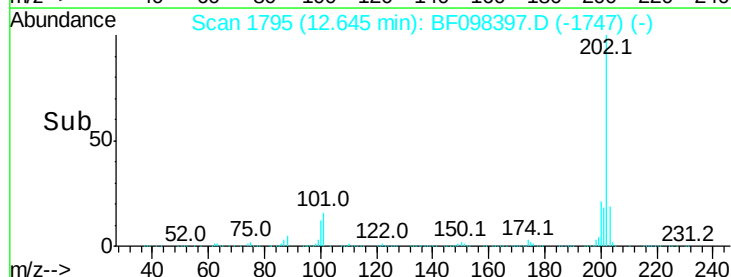
203 19.3 14.4 21.6

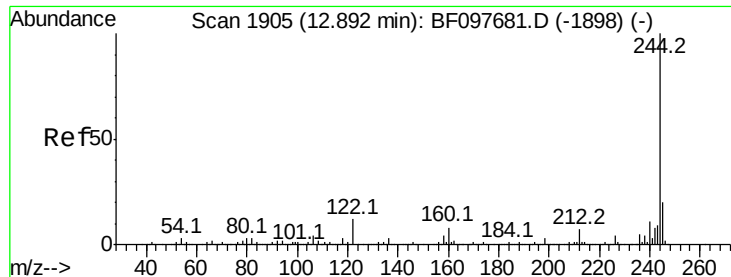


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 1.639 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.04 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

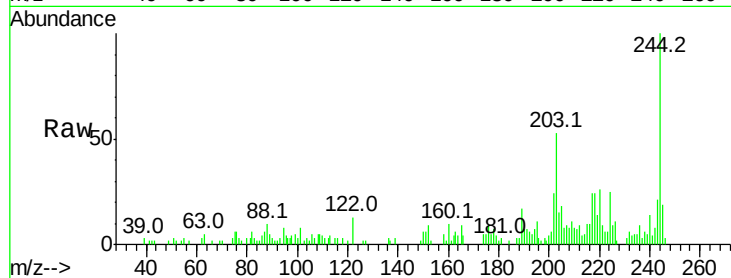
Tot Ion:244 Resp: 15113

Ion Ratio Lower Upper

244 100

212 9.4 6.0 9.0#

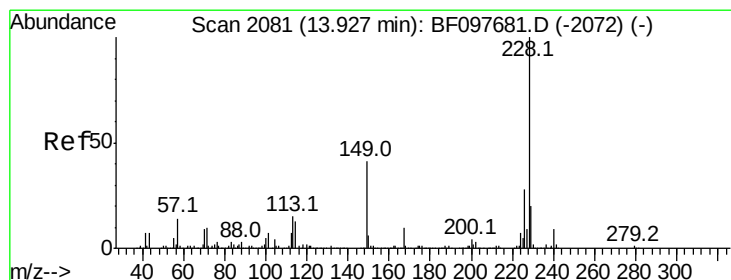
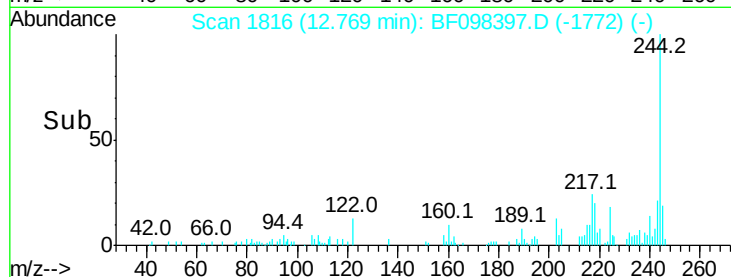
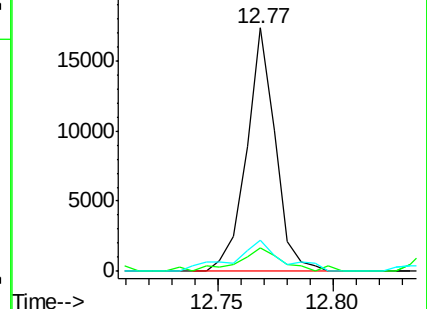
122 12.8 10.3 15.5



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: 53.041 ng

RT: 13.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

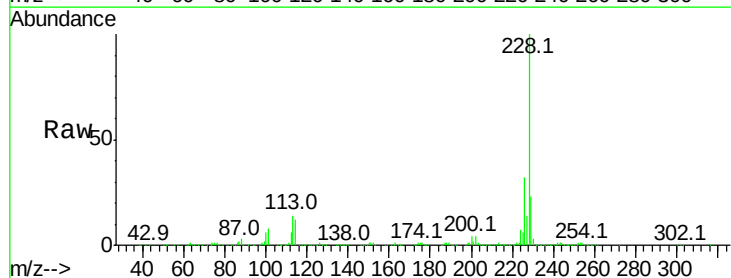
Tgt Ion:228 Resp: 611325

Ion Ratio Lower Upper

228 100

226 31.7 22.6 33.8

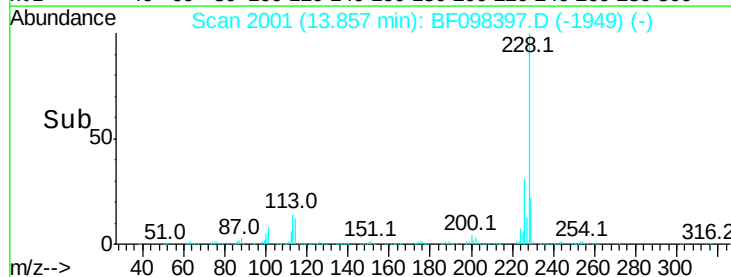
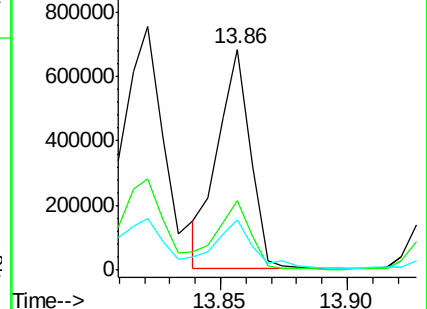
229 23.1 16.3 24.5

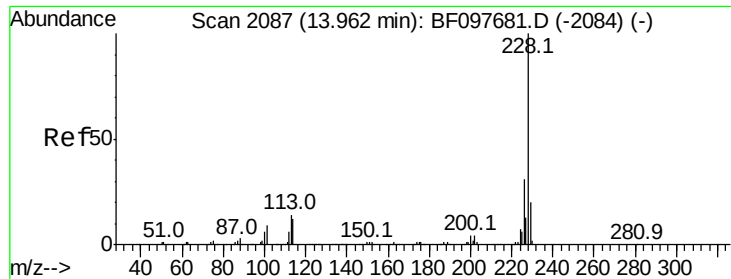


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 53.320 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.03 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

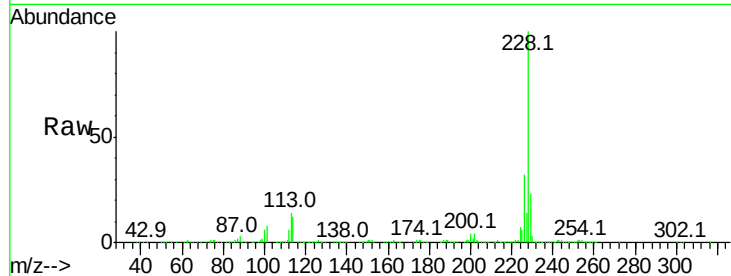
Tot Ion:228 Resp: 611325

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

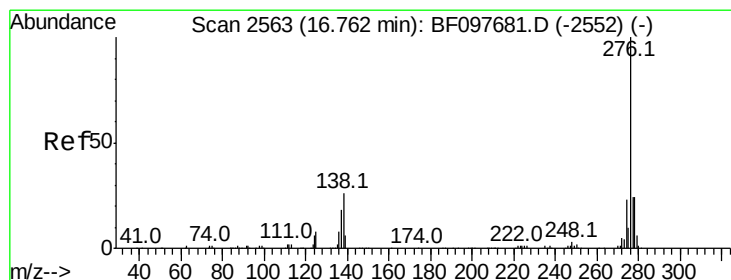
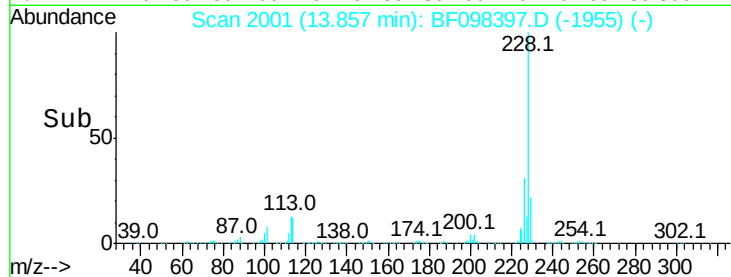
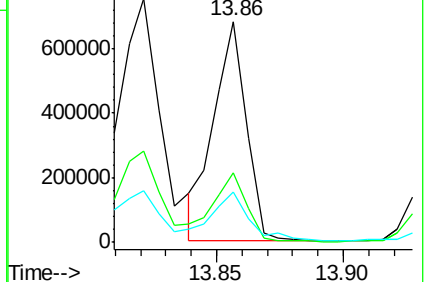
229 23.1 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 6.495 ng

RT: 16.43 min Scan# 2438

Delta R.T. -0.21 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

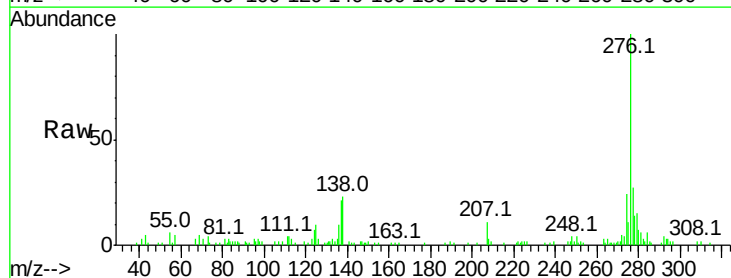
Tgt Ion:276 Resp: 54782

Ion Ratio Lower Upper

276 100

138 28.8 27.8 41.6

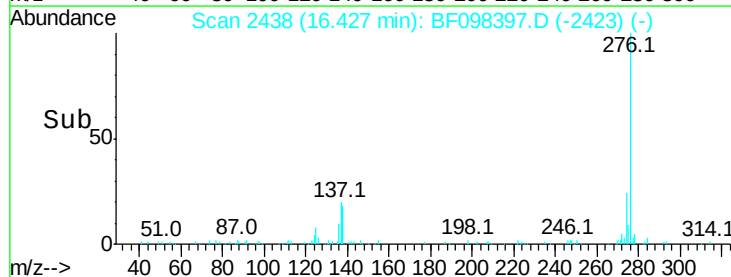
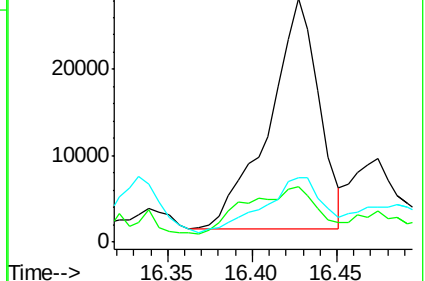
277 28.0 20.2 30.4

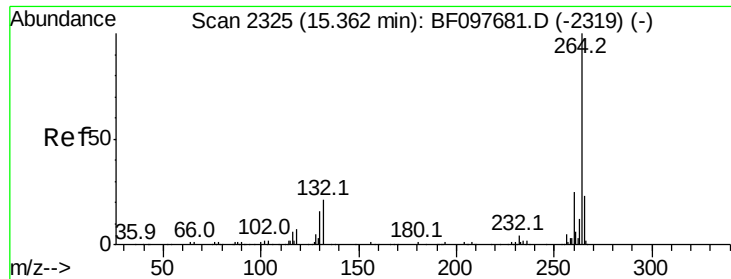


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

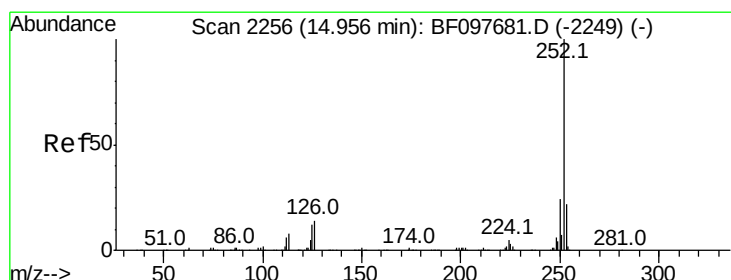
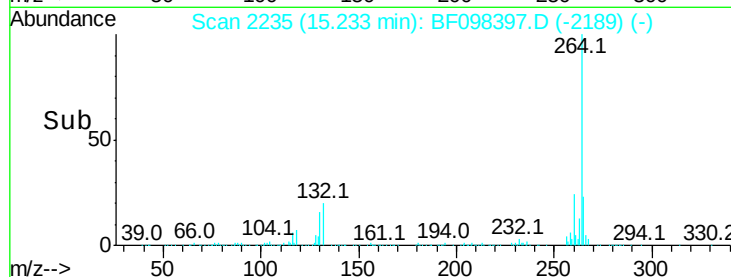
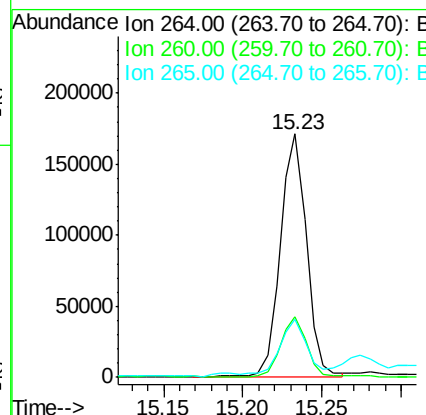
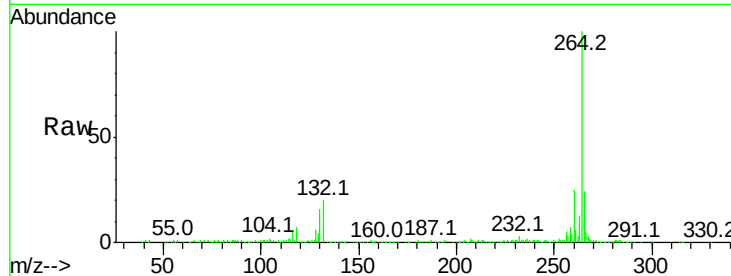




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.03 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

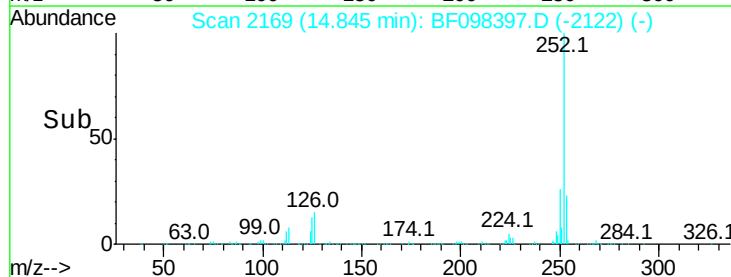
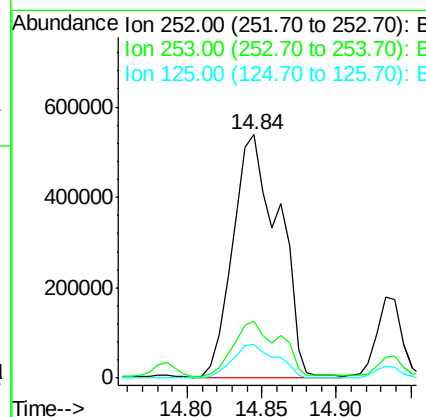
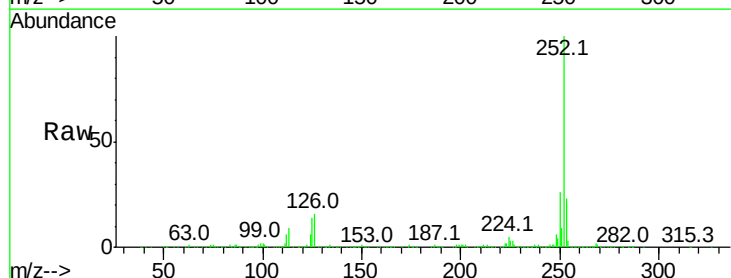
Instrument :
BNA_F
ClientSampleId :

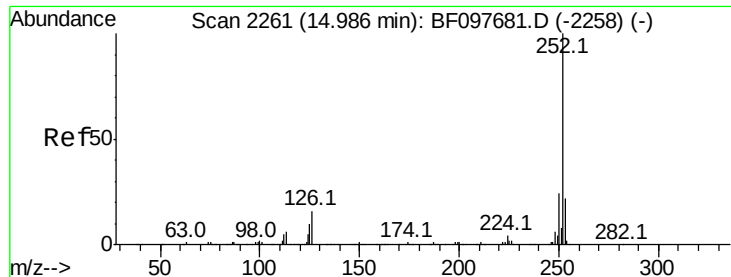
Tot Ion:264 Resp: 196243
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 23.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 93.117 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:252 Resp: 1151844
Ion Ratio Lower Upper
252 100
253 23.1 18.1 27.1
125 13.7 9.8 14.8





#88

Benzo(k)fluoranthene

Concen: 99.113 ng

RT: 14.84 min Scan# 2169

Delta R.T. -0.05 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

Instrument :

BNA_F

ClientSampleId :

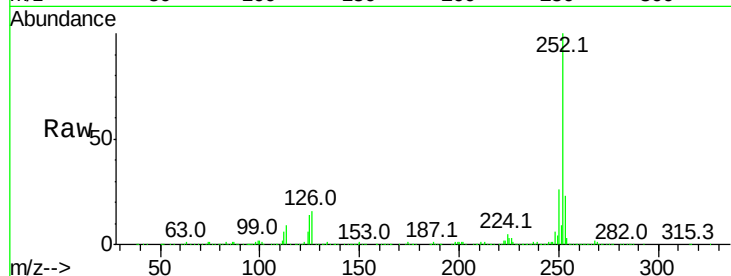
Tot Ion:252 Resp: 1151844

Ion Ratio Lower Upper

252 100

253 23.1 18.4 27.6

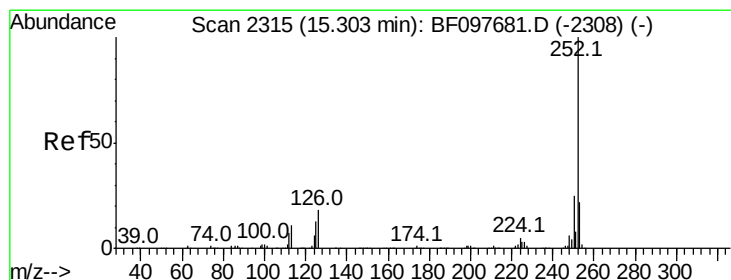
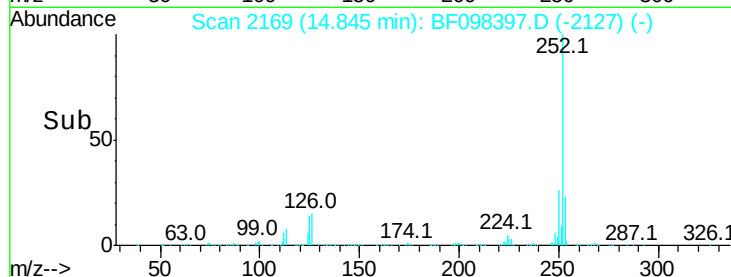
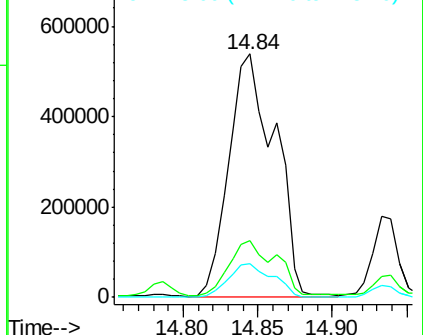
125 13.7 13.1 19.7



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: 64.188 ng

RT: 15.18 min Scan# 2226

Delta R.T. -0.03 min

Lab File: BF098397.D

Acq: 9 Sep 2017 20:30

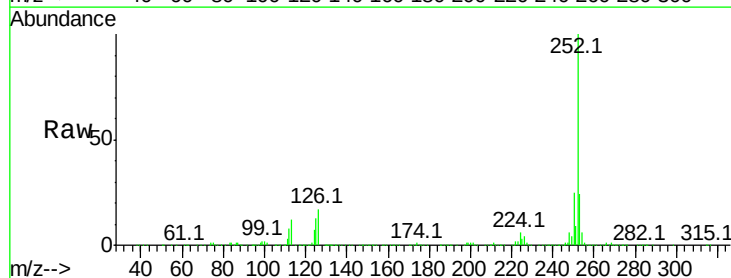
Tgt Ion:252 Resp: 702903

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

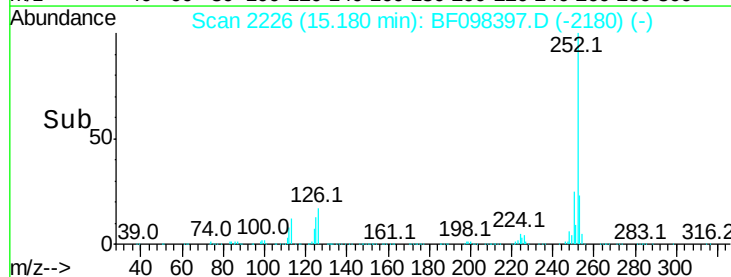
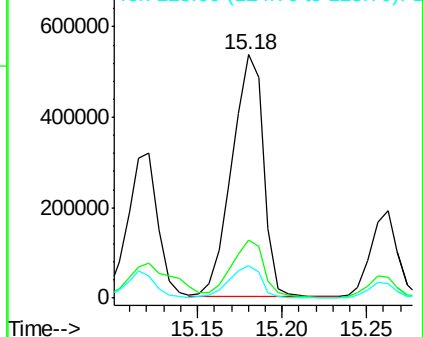
125 13.5 11.0 16.4

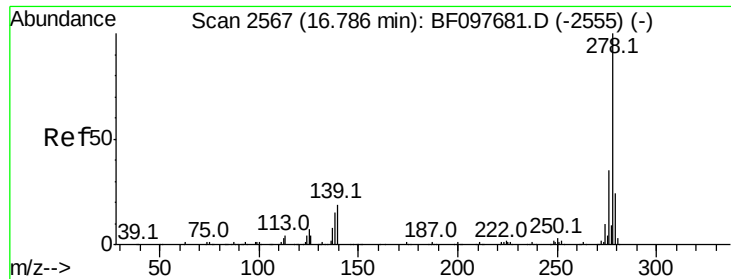


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

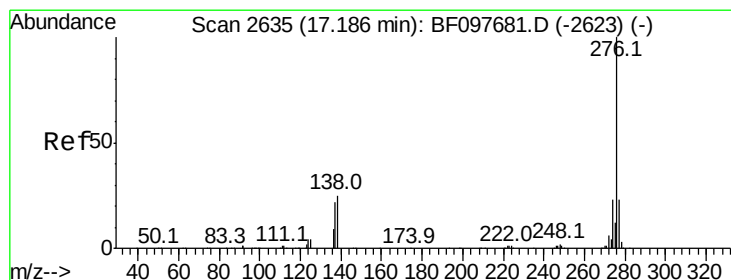
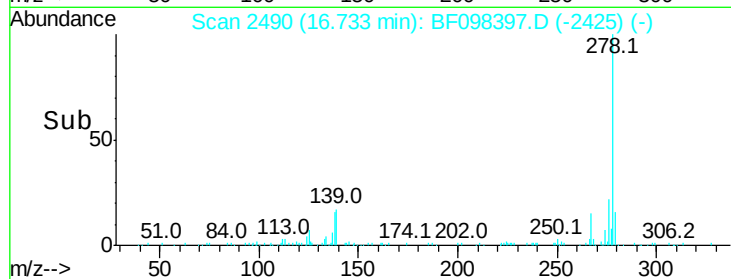
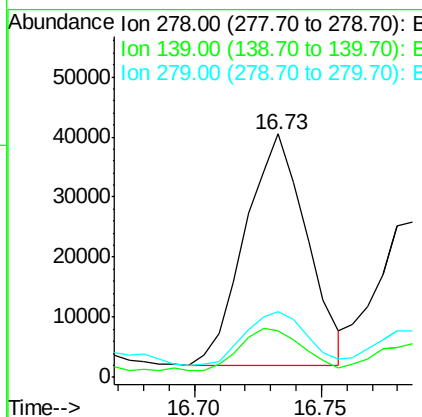
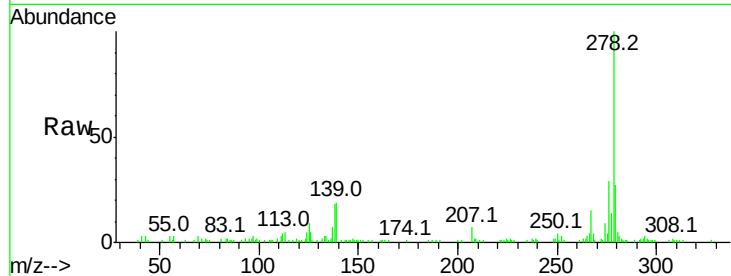




#90
Dibenzo(a,h)anthracene
Concen: 7.298 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.08 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 65067
Ion Ratio Lower Upper
278 100
139 19.3 16.6 24.8
279 27.0 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 33.371 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.06 min
Lab File: BF098397.D
Acq: 9 Sep 2017 20:30

Tgt Ion:276 Resp: 310423
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 26.8 25.4 38.0

