

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097388.D
 Acq On : 5 Aug 2017 6:54
 Operator : SJ/JU
 Sample : I4522-01DL 10X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 00:54:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	110669	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	421567	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	158099	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	211492	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	201121	20.00	ng	-0.07
86) Perylene-d12	14.89	264	166014	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	68635	9.35	ng	-0.05
7) Phenol-d6	6.12	99	97816	11.67	ng	-0.05
23) Nitrobenzene-d5	7.01	82	47256	6.58	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	11378	9.11	ng	-0.07
44) 2-Fluorobiphenyl	8.79	172	101898	10.94	ng	-0.08
78) Terphenyl-d14	12.51	244	58713	5.95	ng	-0.08

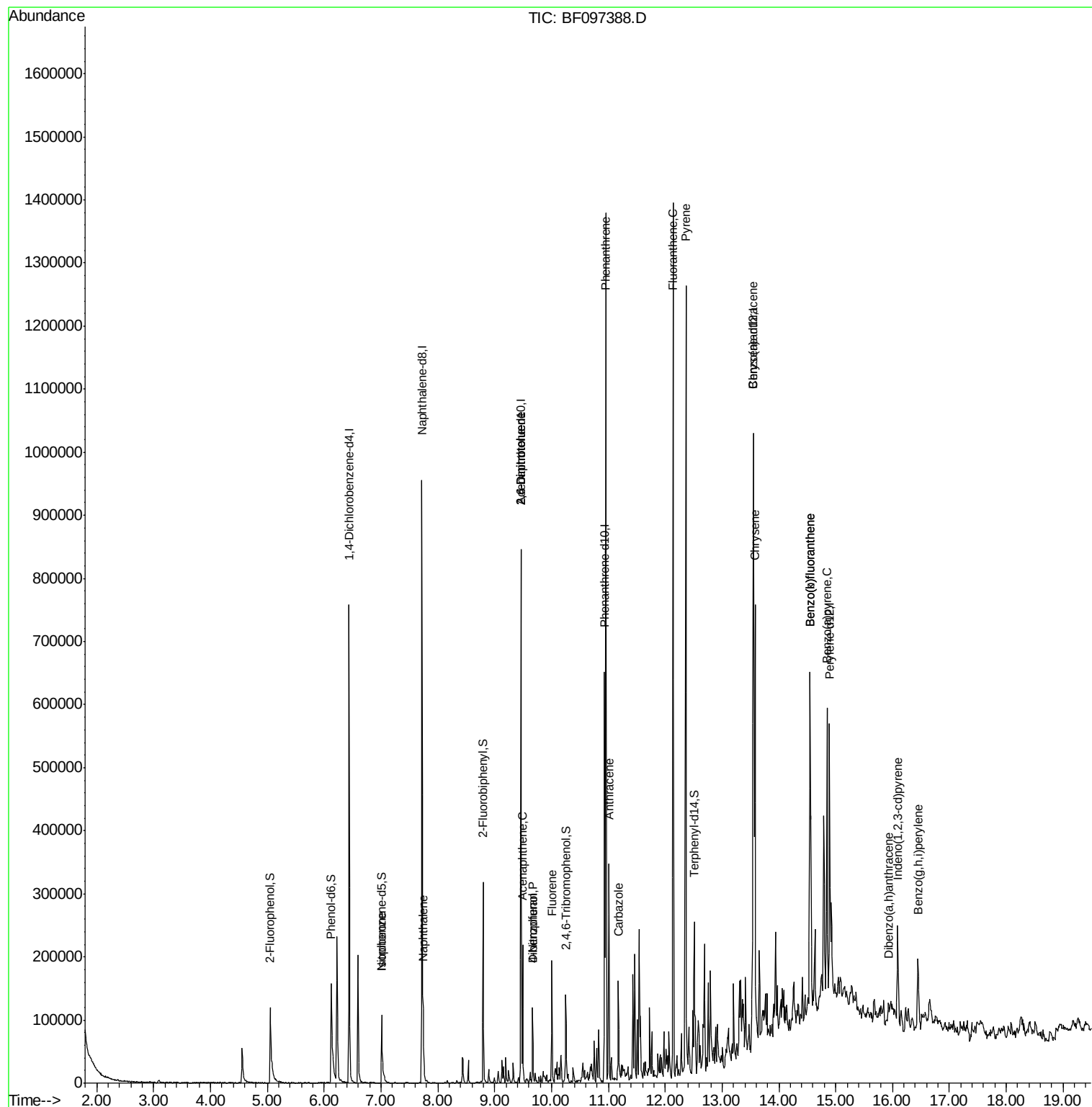
Target Compounds						Qvalue
25) Isophorone	7.01	82	47256	3.36	ng	# 67
31) Naphthalene	7.75	128	52105	2.62	ng	97
50) 2,6-Dinitrotoluene	9.46	165	20744	8.15	ng	# 35
51) Acenaphthene	9.49	154	45289	5.04	ng	99
54) Dibenzofuran	9.67	168	41815	3.49	ng	98
55) 4-Nitrophenol	9.67	139	15187	8.08	ng	# 27
56) 2,4-Dinitrotoluene	9.46	165	20744	7.09	ng	# 34
57) Fluorene	10.00	166	51051	5.68	ng	97
70) Phenanthrene	10.96	178	463343	40.89	ng	98
71) Anthracene	11.01	178	130409	11.24	ng	99
72) Carbazole	11.17	167	55140	4.83	ng	99
74) Fluoranthene	12.14	202	518631	46.72	ng	98
77) Pyrene	12.36	202	488254	29.65	ng	99
80) Benzo(a)anthracene	13.54	228	277371	21.31	ng	99
82) Chrysene	13.58	228	231652	18.23	ng	97
85) Indeno(1,2,3-cd)pyrene	16.09	276	83371	7.65	ng	94
87) Benzo(b)fluoranthene	14.54	252	316553	31.72	ng	# 97
88) Benzo(k)fluoranthene	14.54	252	316553	33.29	ng	98
89) Benzo(a)pyrene	14.84	252	179775	19.68	ng	97
90) Dibenzo(a,h)anthracene	15.93	278	16601	2.22	ng	92
91) Benzo(g,h,i)perylene	16.44	276	74359	9.47	ng	95

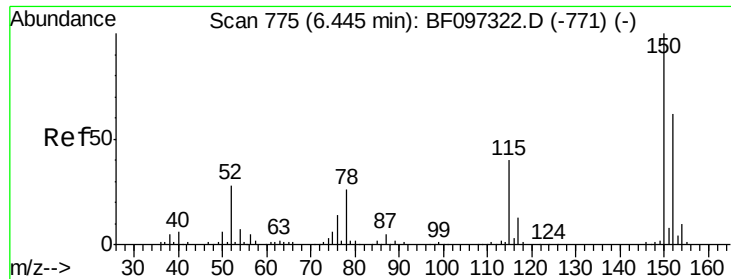
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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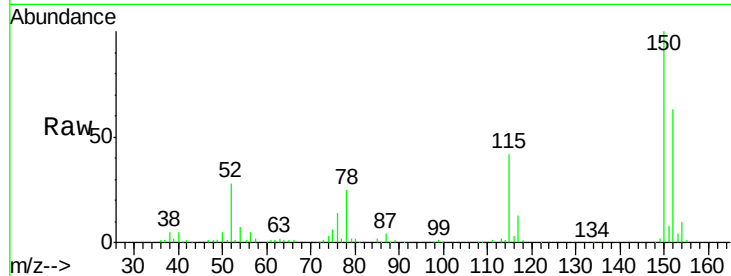


#1

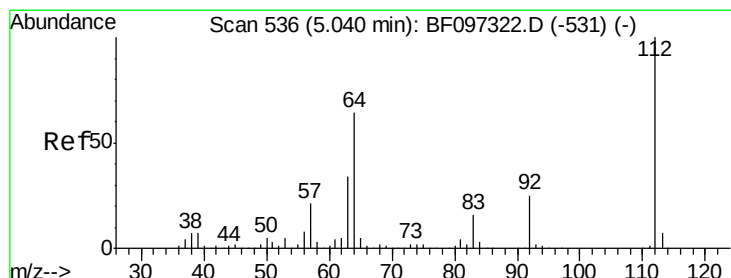
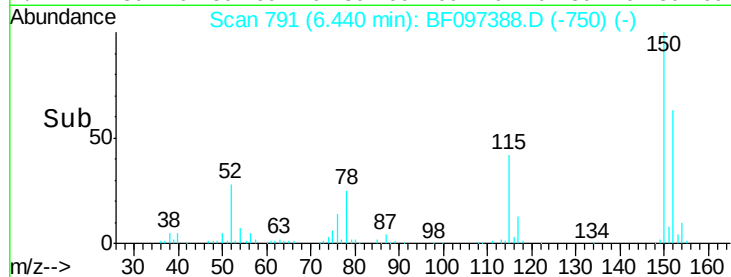
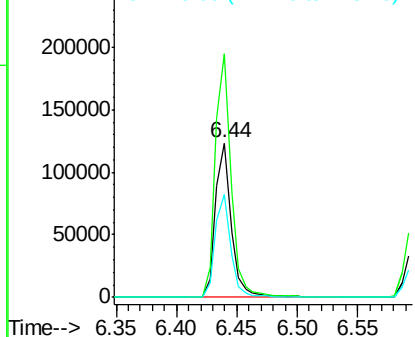
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110669
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 66.3 52.2 78.2



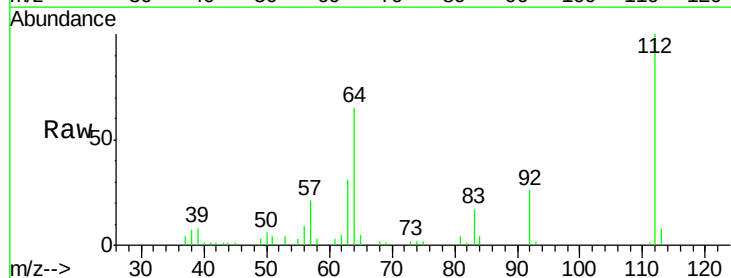
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



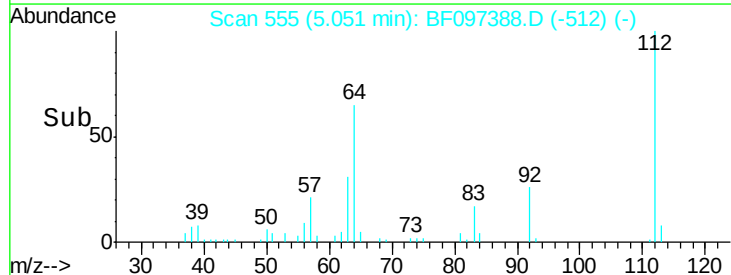
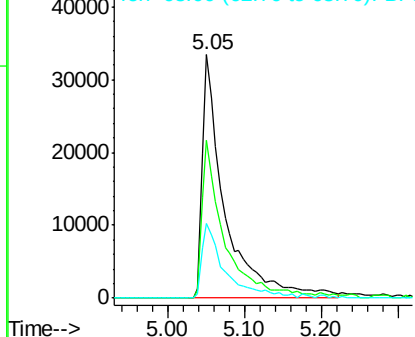
#5

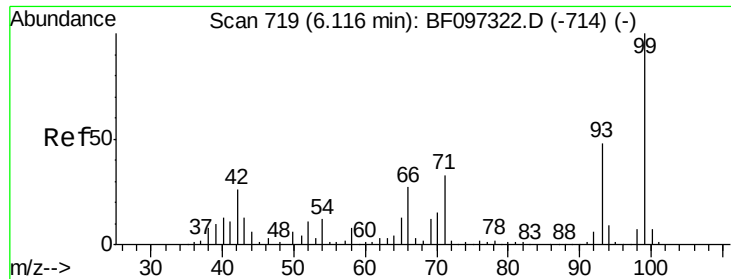
2-Fluorophenol
Concen: 9.35 ng
RT: 5.05 min Scan# 555
Delta R.T. -0.05 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Tgt Ion:112 Resp: 68635
Ion Ratio Lower Upper
112 100
64 64.8 46.0 69.0
63 30.7 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: 11.67 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampled :

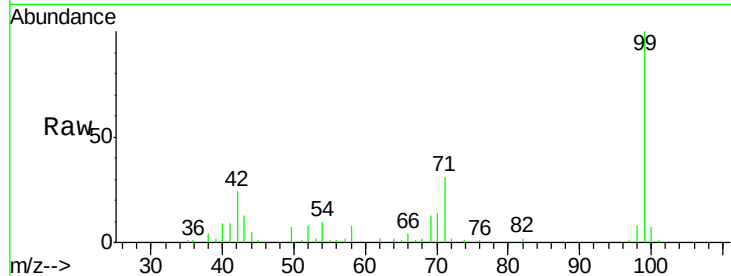
Tot Ion: 99 Resp: 97816

Ion Ratio Lower Upper

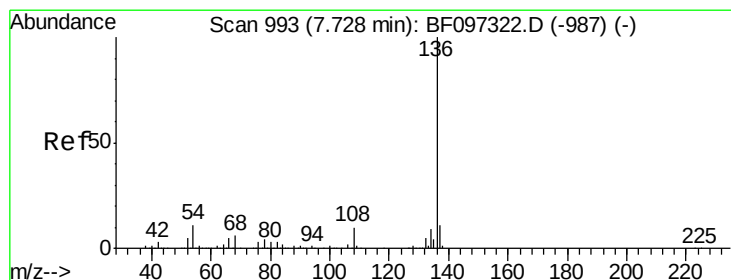
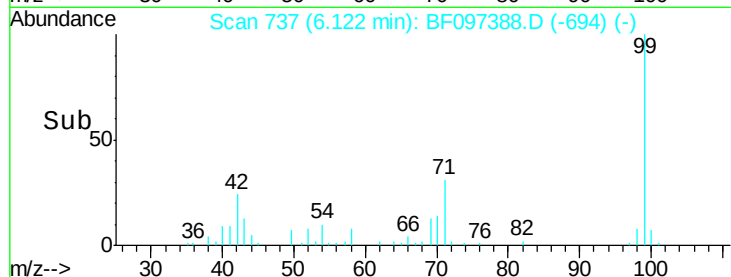
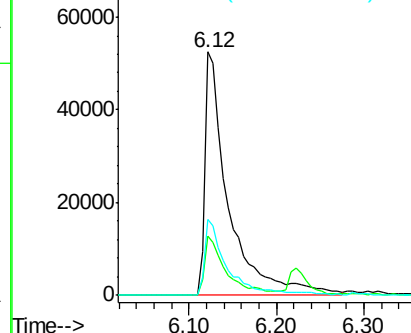
99 100

42 24.2 13.5 20.3#

71 30.9 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: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Tgt Ion: 136 Resp: 421567

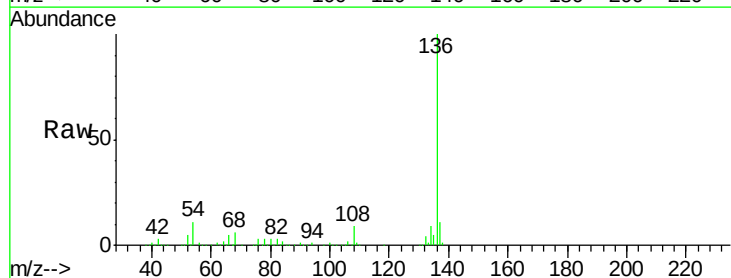
Ion Ratio Lower Upper

136 100

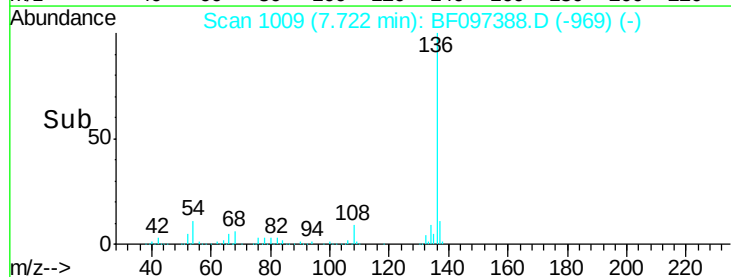
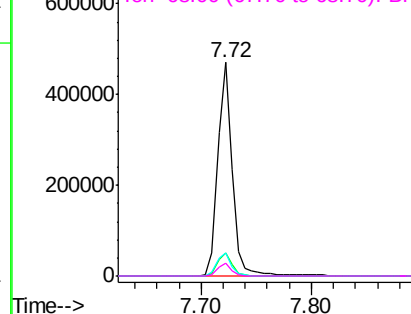
137 10.9 8.5 12.7

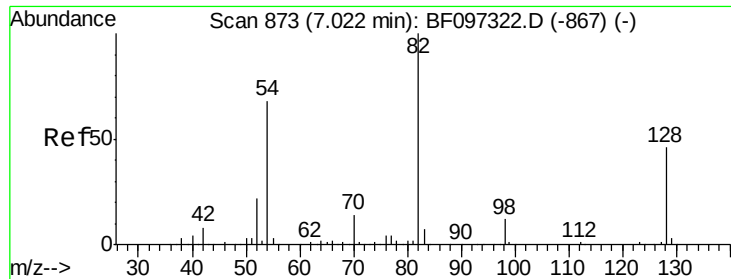
54 10.9 4.9 7.3#

68 5.9 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

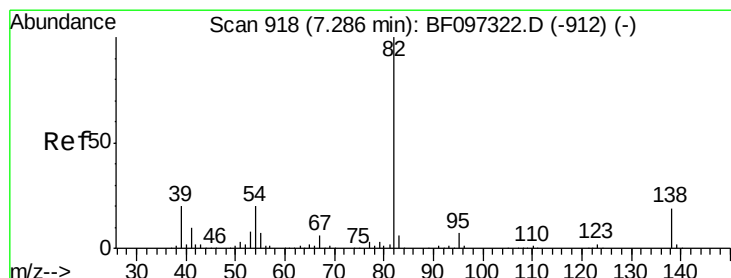
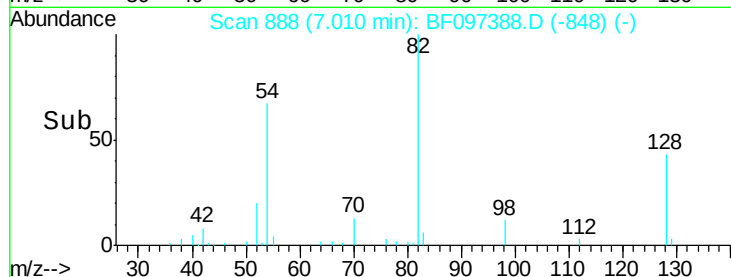
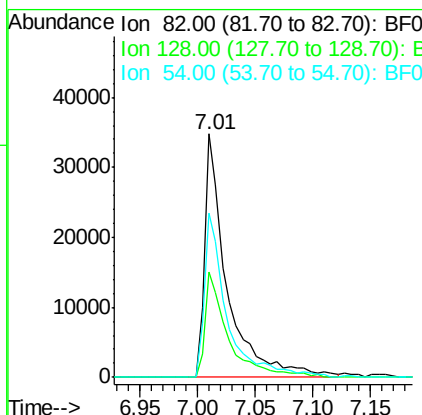
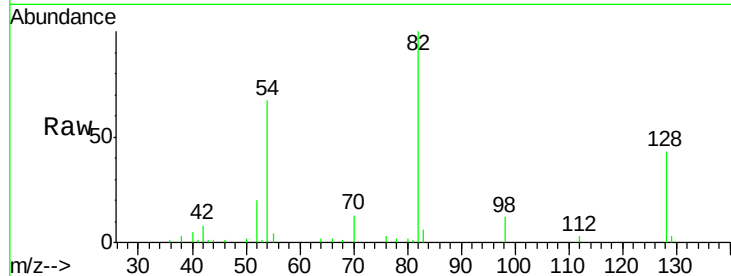




#23
Nitrobenzene-d5
Concen: 6.58 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.06 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

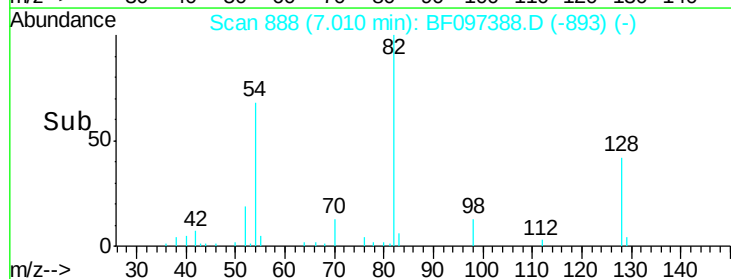
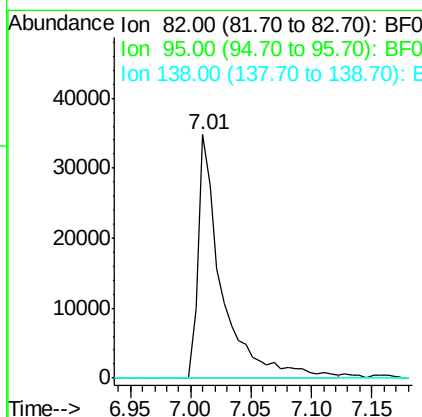
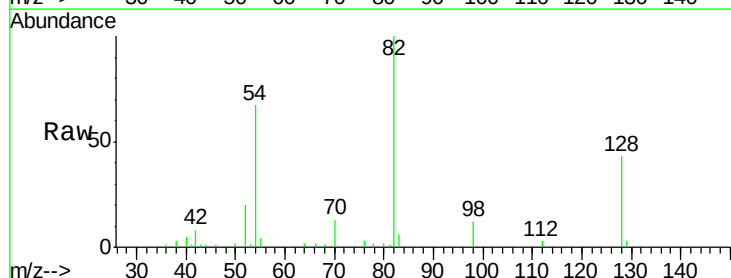
Instrument :
BNA_F
ClientSampled :

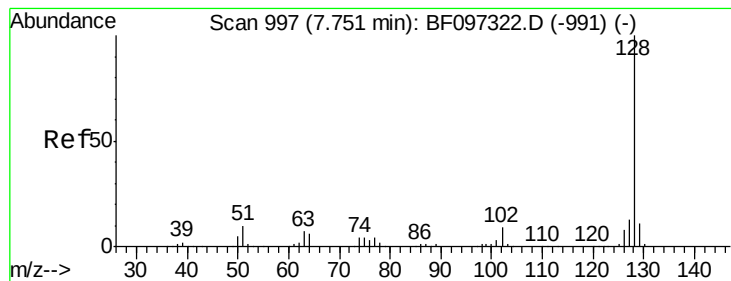
Tot Ion: 82 Resp: 47256
Ion Ratio Lower Upper
82 100
128 43.0 34.0 51.0
54 67.4 42.2 63.2#



#25
Isophorone
Concen: 3.36 ng
RT: 7.01 min Scan# 888
Delta R.T. -0.33 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Tgt Ion: 82 Resp: 47256
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 13.1 19.7#





#31

Naphthalene

Concen: 2.62 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

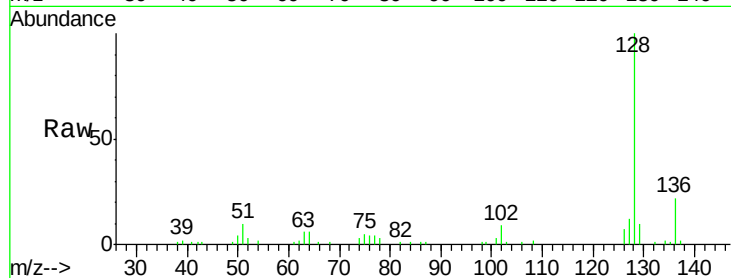
Tot Ion:128 Resp: 52105

Ion Ratio Lower Upper

128 100

129 10.4 9.0 13.6

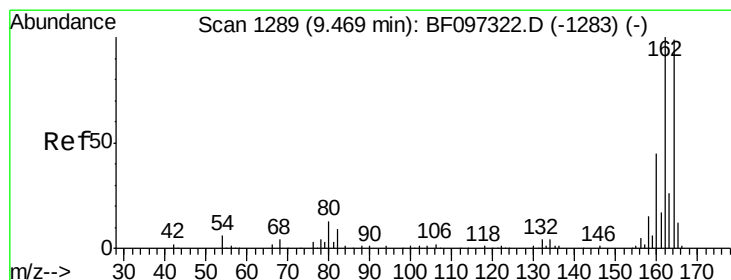
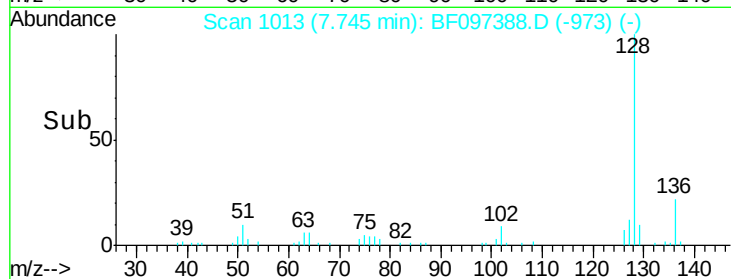
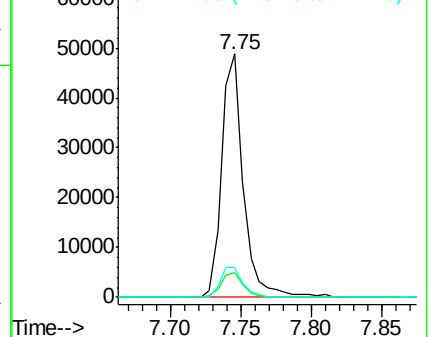
127 12.4 10.8 16.2



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

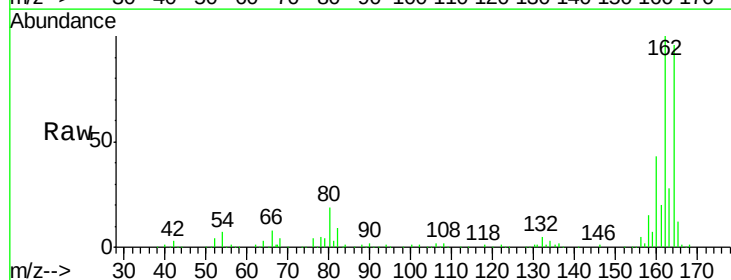
Tgt Ion:164 Resp: 158099

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

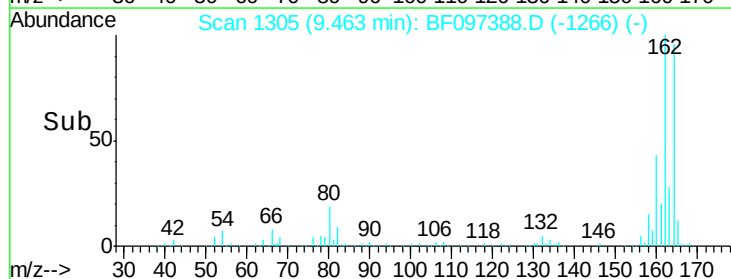
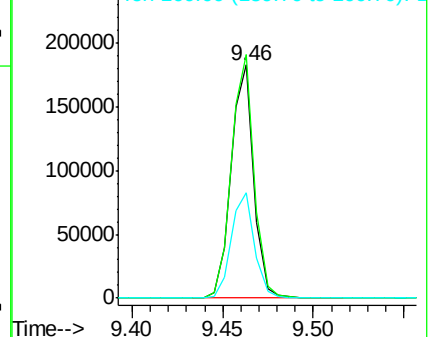
160 45.1 36.2 54.2

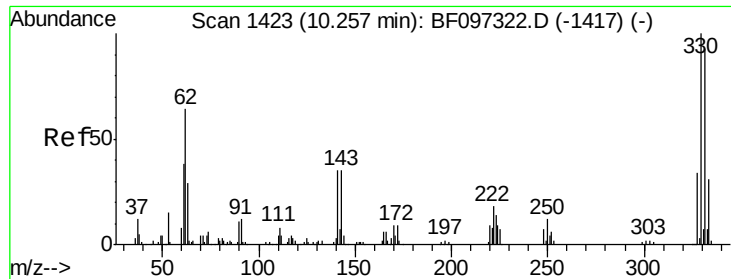


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

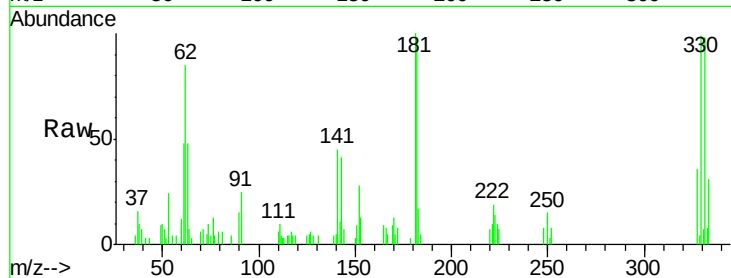




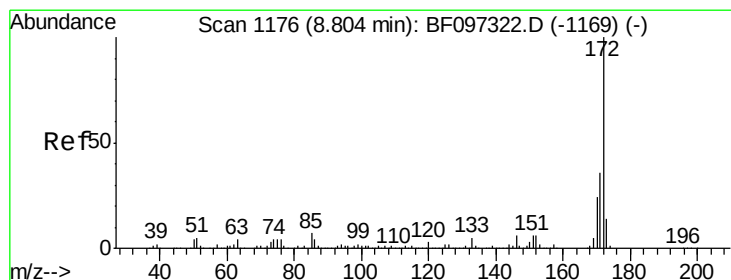
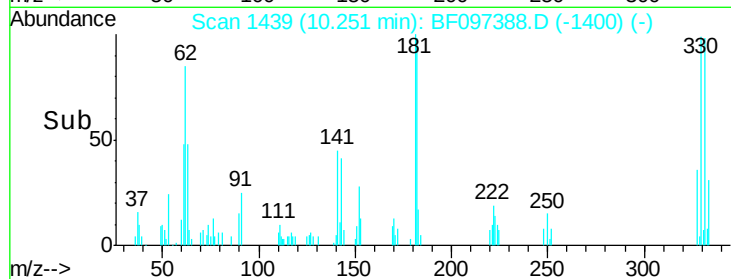
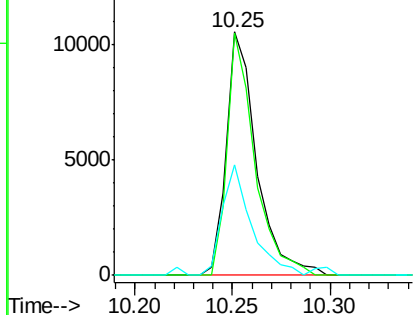
#41
 2,4,6-Tribromophenol
 Concen: 9.11 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097388.D
 Acq: 5 Aug 2017 6:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 11378
 Ion Ratio Lower Upper
 330 100
 332 90.7 76.6 115.0
 141 44.2 31.4 47.2

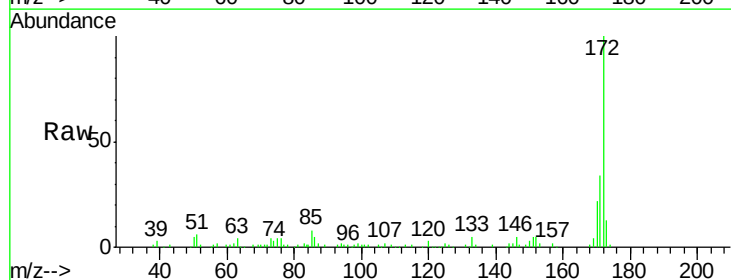


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

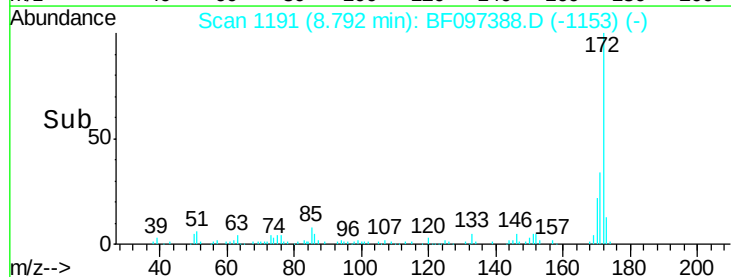
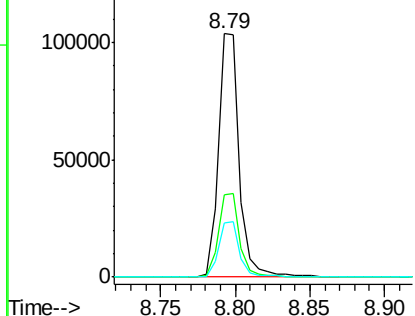


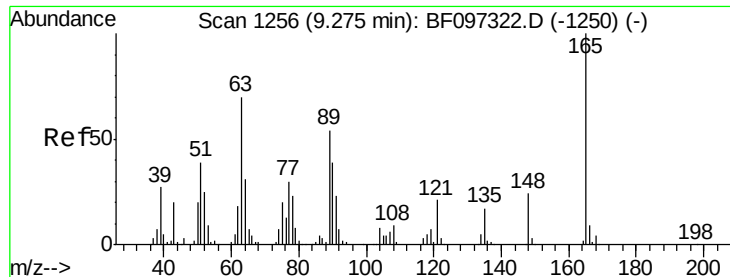
#44
 2-Fluorobiphenyl
 Concen: 10.94 ng
 RT: 8.79 min Scan# 1191
 Delta R.T. -0.08 min
 Lab File: BF097388.D
 Acq: 5 Aug 2017 6:54

Tgt Ion:172 Resp: 101898
 Ion Ratio Lower Upper
 172 100
 171 33.9 29.6 44.4
 170 22.4 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

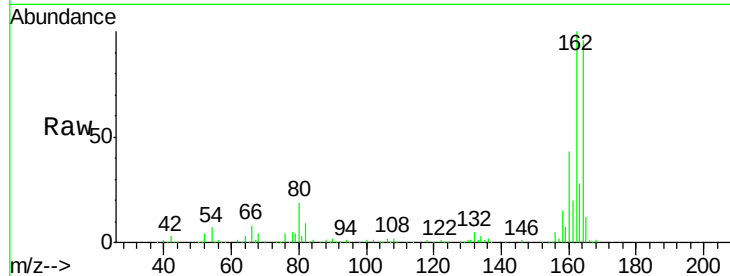




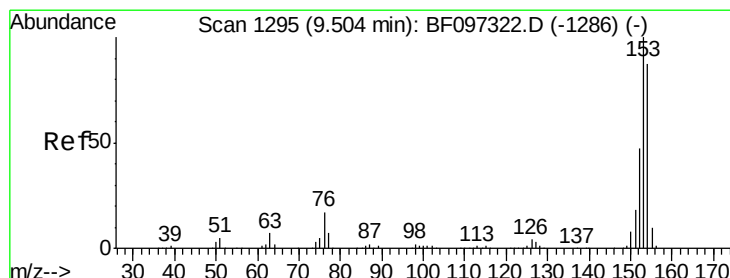
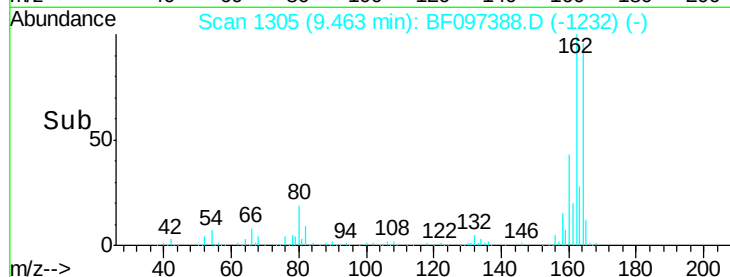
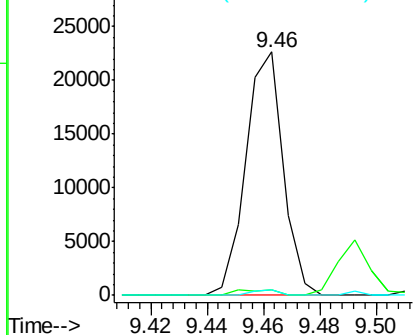
#50
 2,6-Dinitrotoluene
 Concen: 8.15 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. 0.13 min
 Lab File: BF097388.D
 Acq: 5 Aug 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 20744
 Ion Ratio Lower Upper
 165 100
 63 2.1 34.3 51.5#
 89 2.2 37.1 55.7#

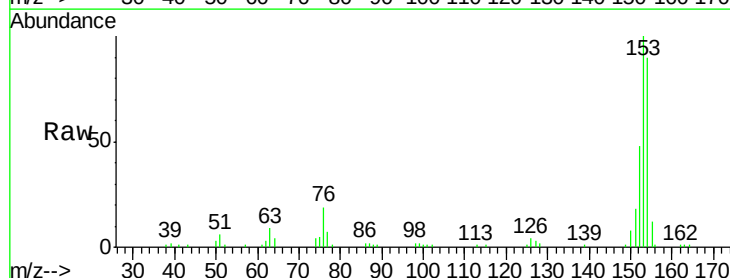


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

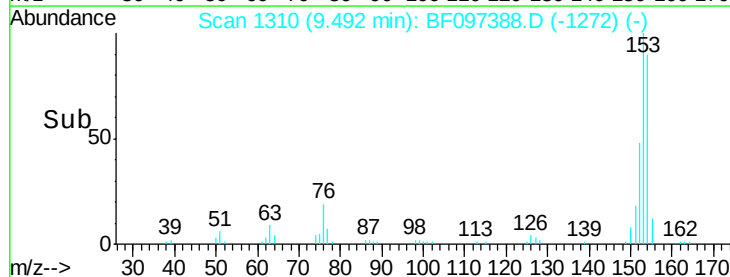
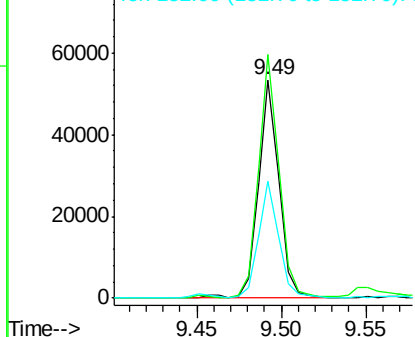


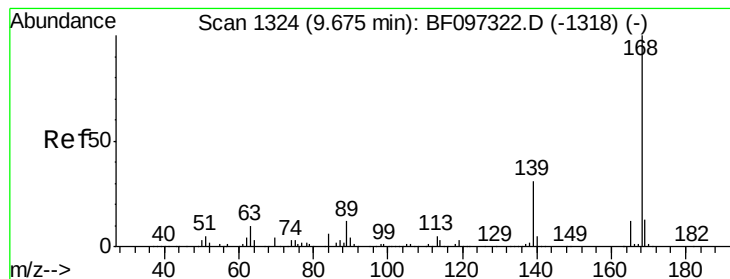
#51
 Acenaphthene
 Concen: 5.04 ng
 RT: 9.49 min Scan# 1310
 Delta R.T. -0.08 min
 Lab File: BF097388.D
 Acq: 5 Aug 2017 6:54

Tgt Ion:154 Resp: 45289
 Ion Ratio Lower Upper
 154 100
 153 111.6 90.5 135.7
 152 53.5 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: 3.49 ng

RT: 9.67 min Scan# 1340

Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

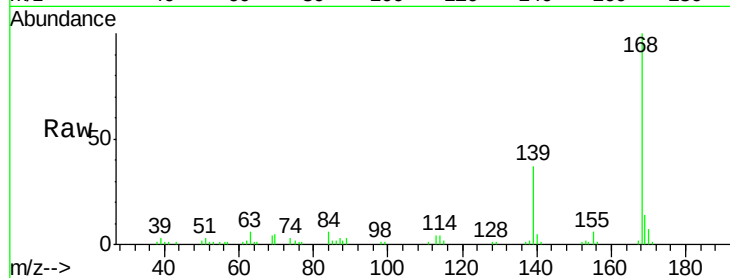
Tot Ion:168 Resp: 41815

Ion Ratio Lower Upper

168 100

139 37.0 30.6 45.8

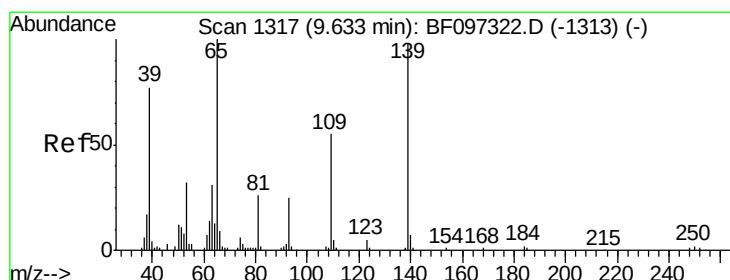
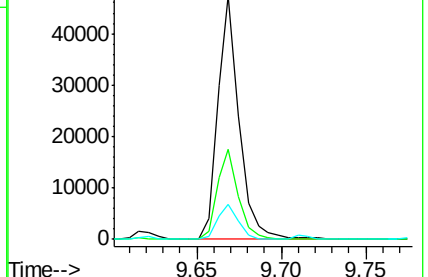
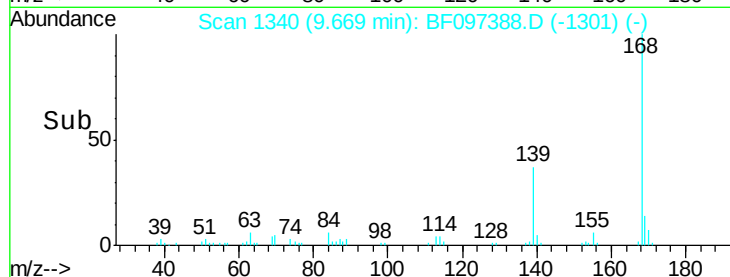
169 14.4 10.8 16.2



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: 8.08 ng

RT: 9.67 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

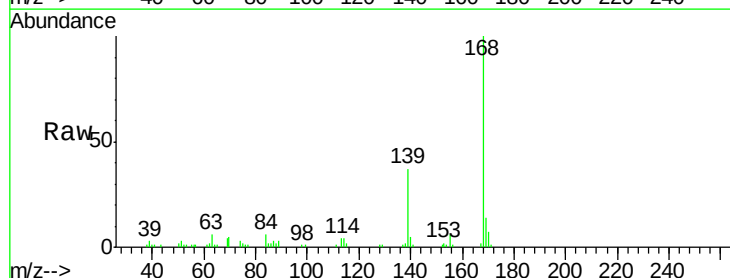
Tgt Ion:139 Resp: 15187

Ion Ratio Lower Upper

139 100

109 0.0 34.1 74.1#

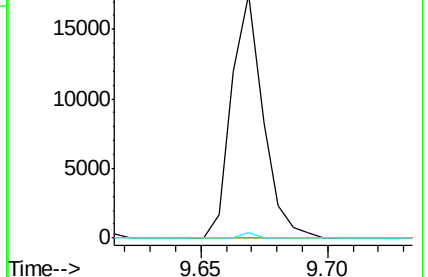
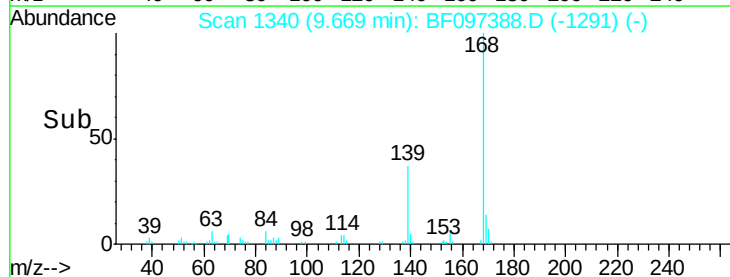
65 2.1 31.4 71.4#

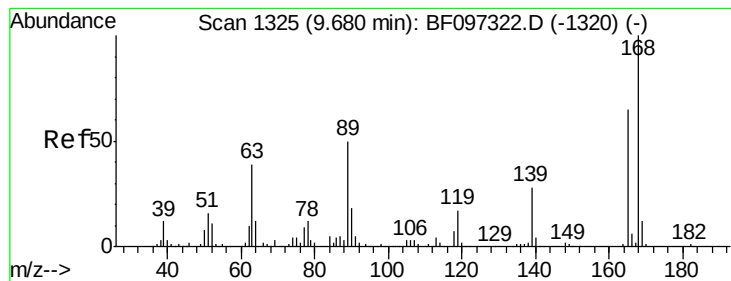


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.09 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.27 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 20744

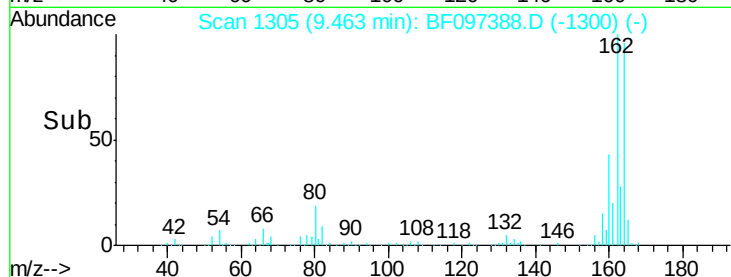
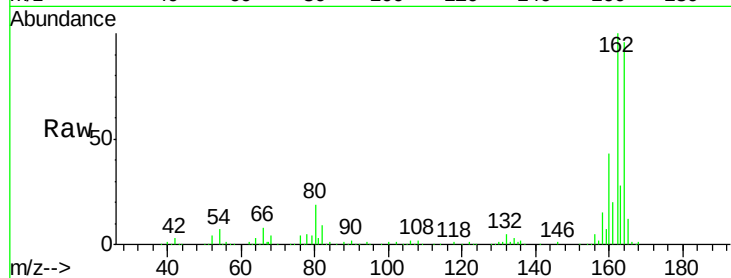
Ion Ratio Lower Upper

165 100

63 2.1 25.4 38.0#

89 2.2 46.4 69.6#

182 0.0 1.8 2.6#

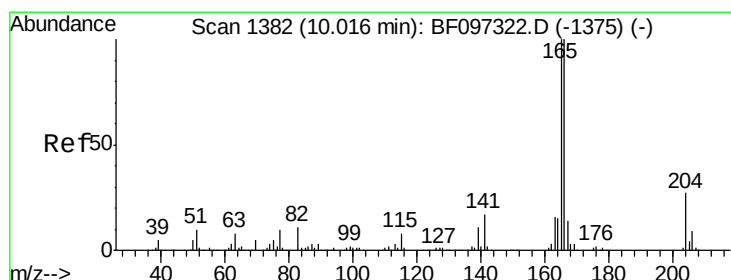
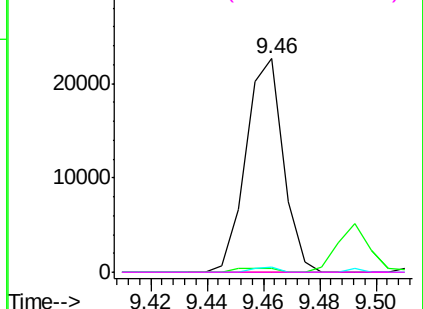


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 5.68 ng

RT: 10.00 min Scan# 1397

Delta R.T. -0.08 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

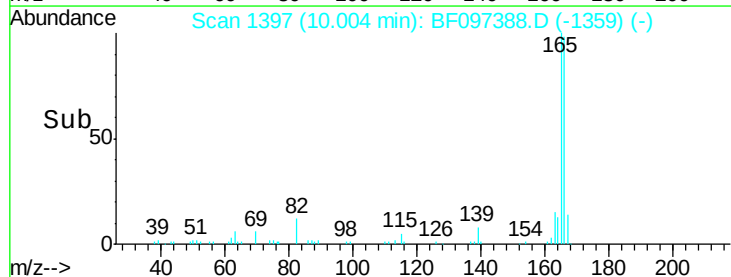
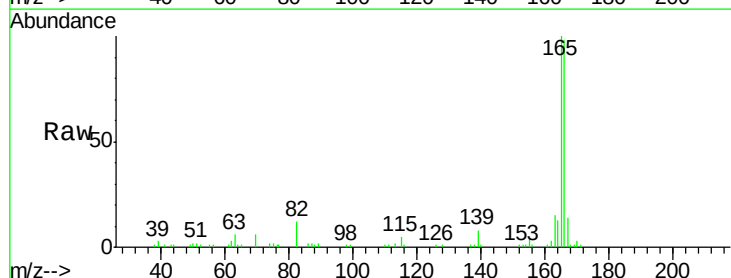
Tgt Ion:166 Resp: 51051

Ion Ratio Lower Upper

166 100

165 101.9 78.8 118.2

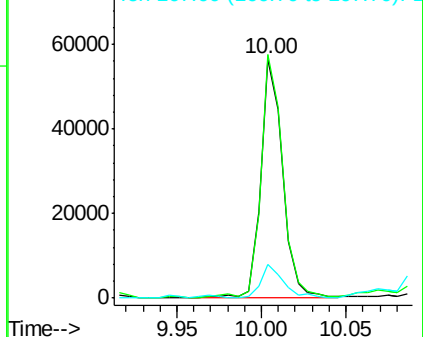
167 14.0 10.6 16.0

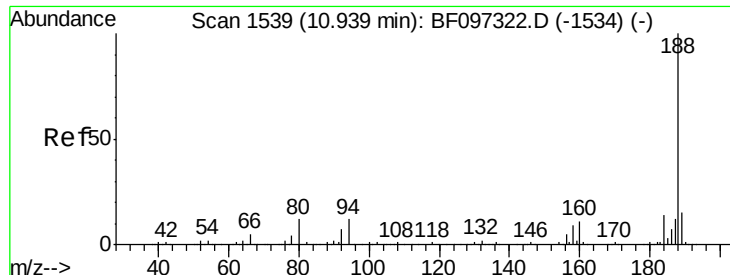


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

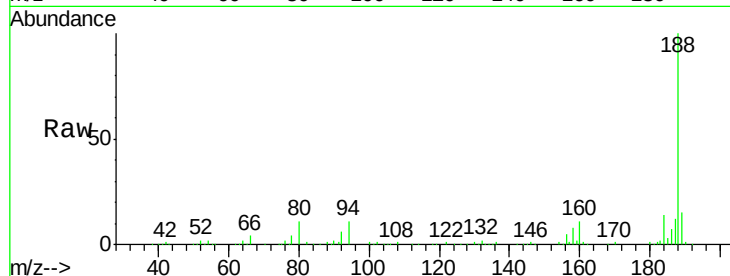




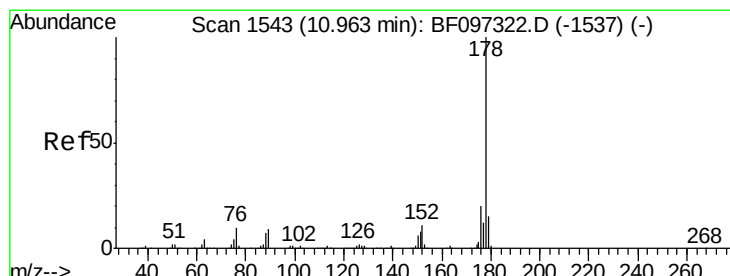
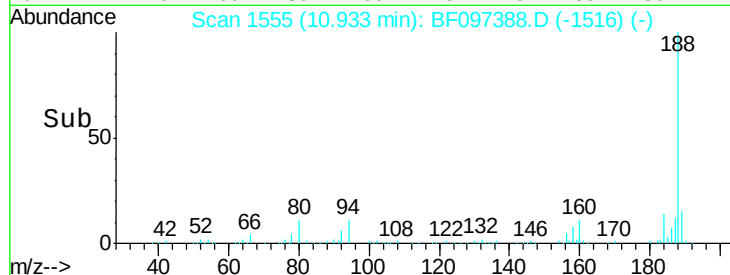
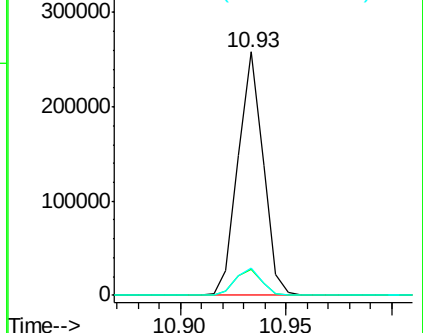
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 211492
Ion Ratio Lower Upper
188 100
94 10.8 9.4 14.2
80 11.3 10.2 15.2

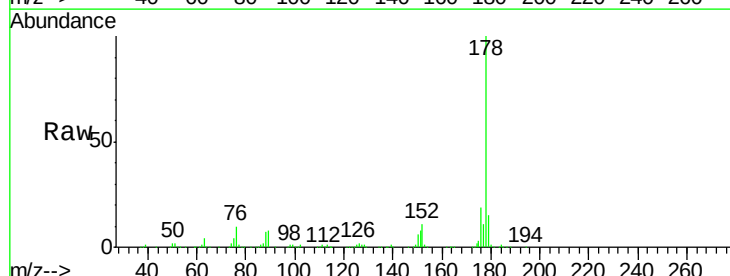


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

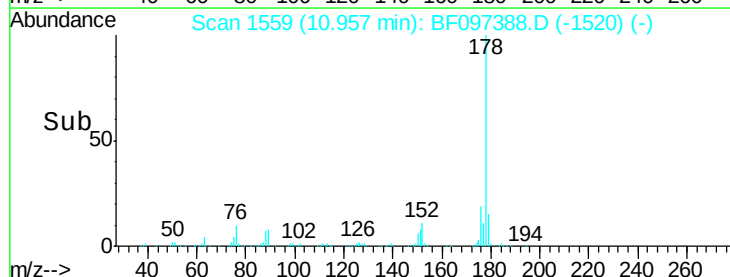
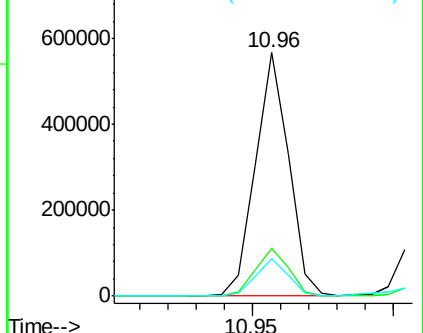


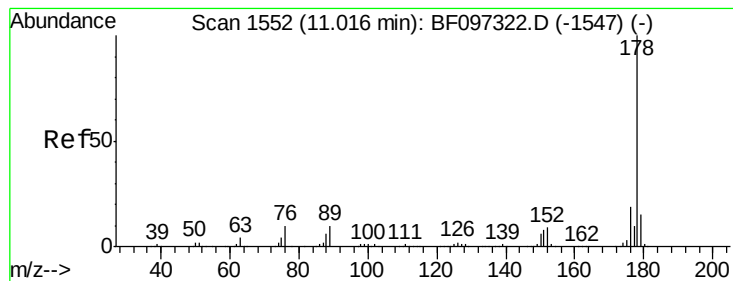
#70
Phenanthrene
Concen: 40.89 ng
RT: 10.96 min Scan# 1559
Delta R.T. -0.07 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Tgt Ion:178 Resp: 463343
Ion Ratio Lower Upper
178 100
176 19.4 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: 11.24 ng

RT: 11.01 min Scan# 1568

Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

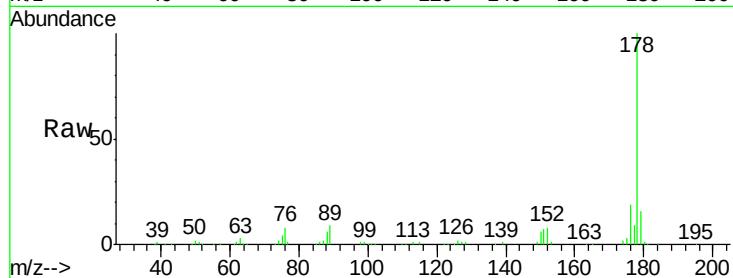
Tot Ion:178 Resp: 130409

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

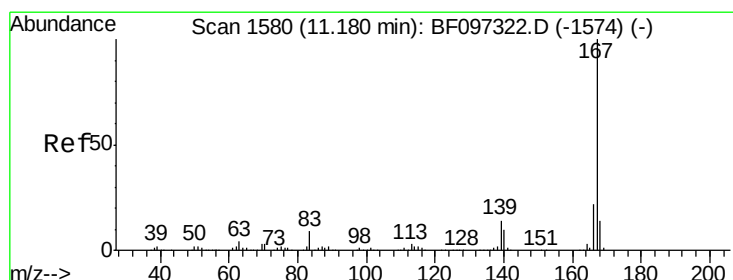
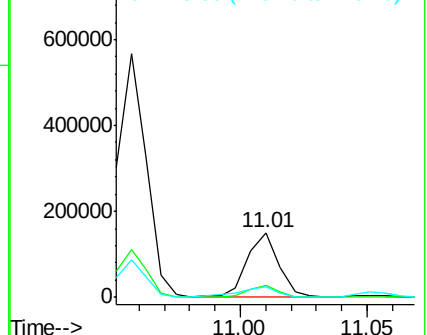
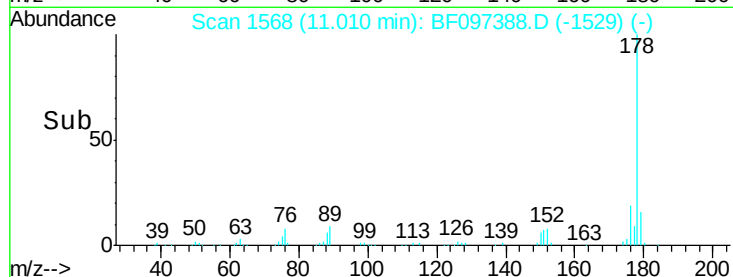
179 15.6 12.7 19.1



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: 4.83 ng

RT: 11.17 min Scan# 1596

Delta R.T. -0.06 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

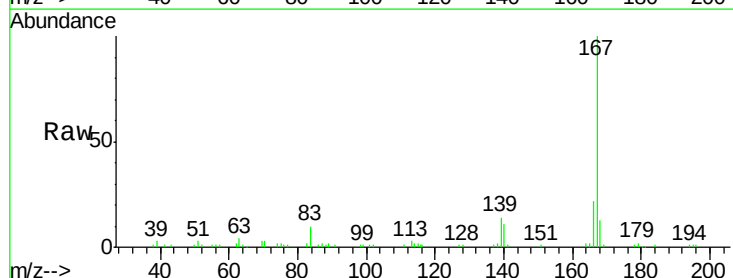
Tgt Ion:167 Resp: 55140

Ion Ratio Lower Upper

167 100

166 22.3 18.1 27.1

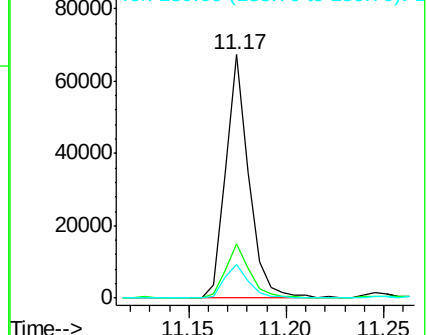
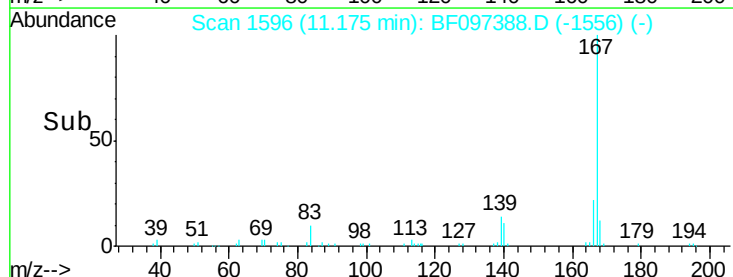
139 13.8 11.7 17.5

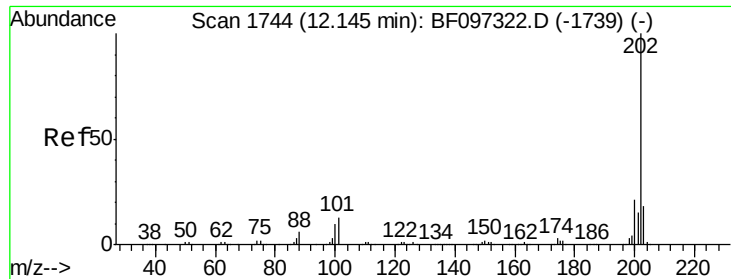


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 46.72 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097388.D

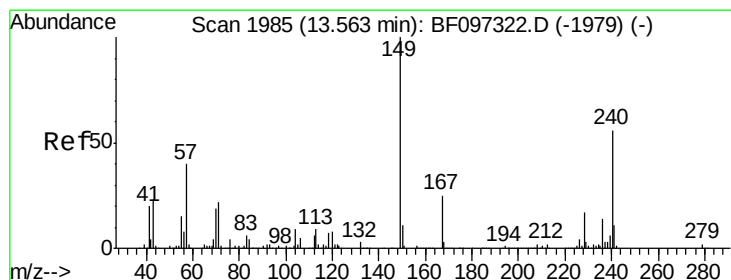
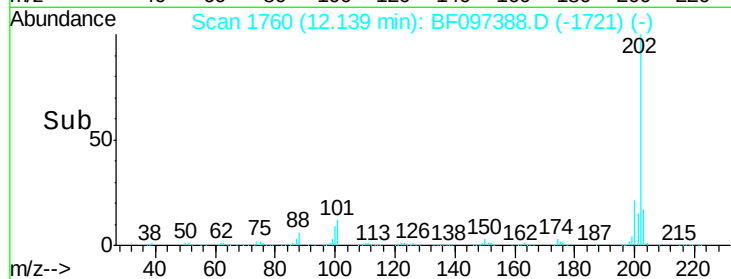
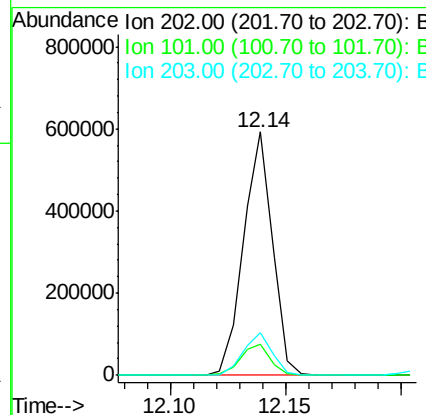
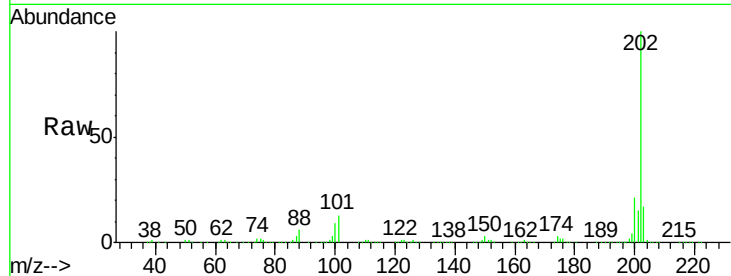
Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	518631
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.2
203	17.3	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

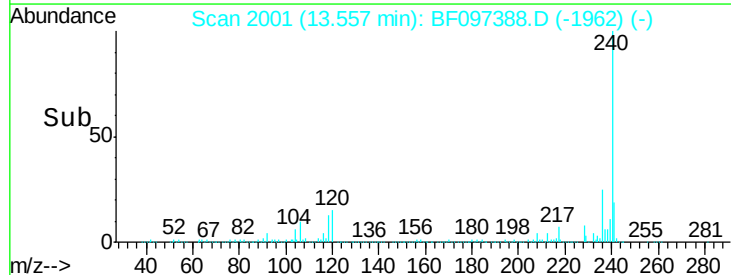
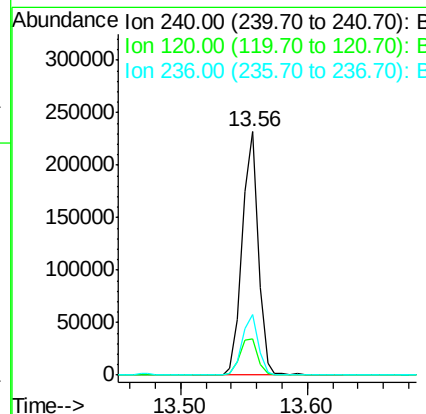
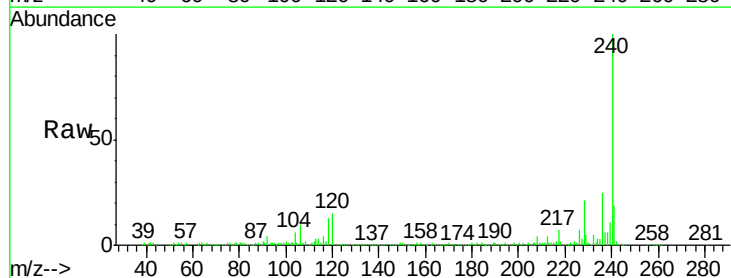
RT: 13.56 min Scan# 2001

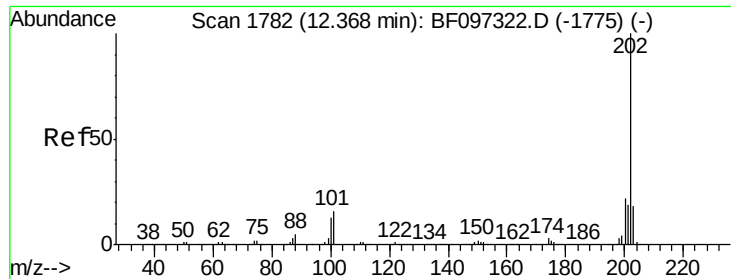
Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Tgt Ion:	240	Resp:	201121
Ion	Ratio	Lower	Upper
240	100		
120	14.9	5.8	8.8#
236	25.1	20.5	30.7





#77

Pvrene

Concen: 29.65 ng

RT: 12.36 min Scan# 1798

Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

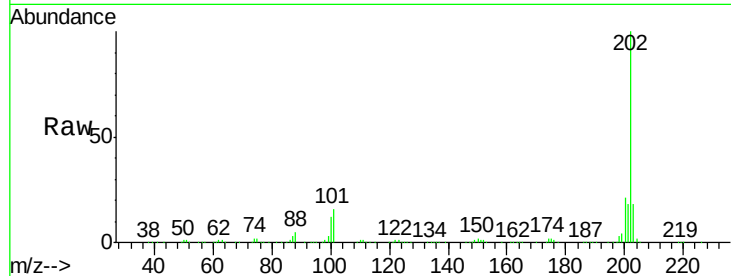
Tot Ion:202 Resp: 488254

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

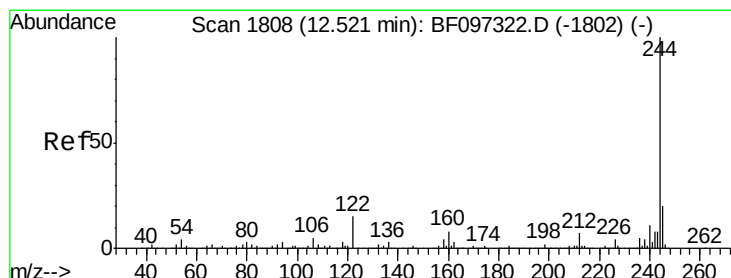
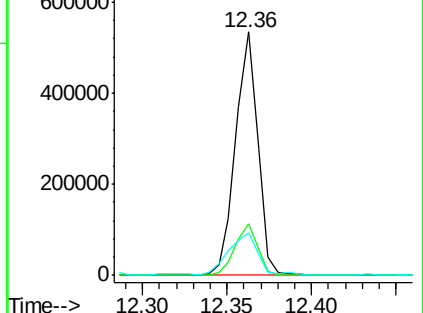
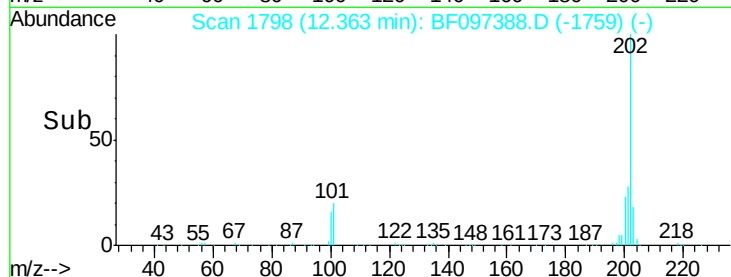
203 17.5 14.4 21.6



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: 5.95 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

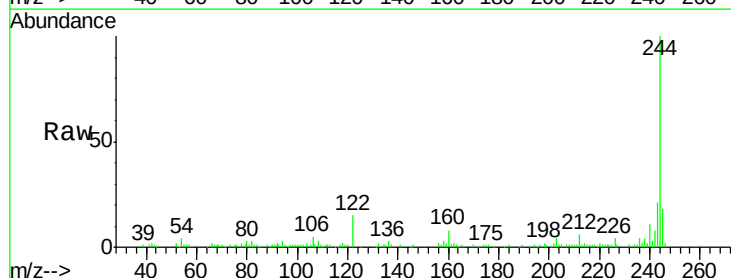
Tgt Ion:244 Resp: 58713

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

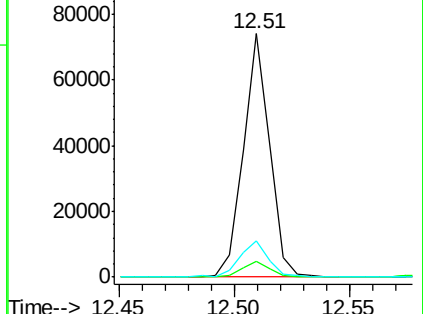
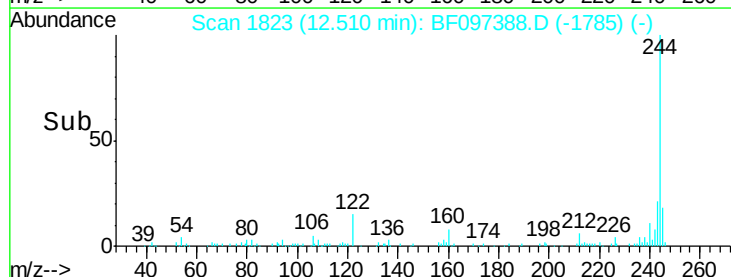
122 14.7 10.3 15.5

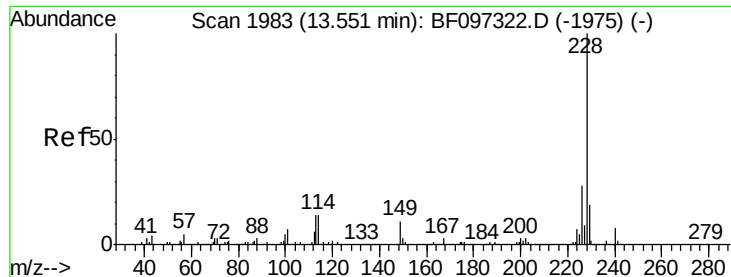


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 21.31 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.07 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

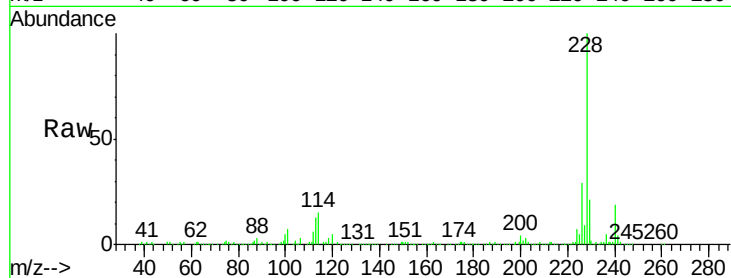
Tot Ion:228 Resp: 277371

Ion Ratio Lower Upper

228 100

226 28.9 22.6 33.8

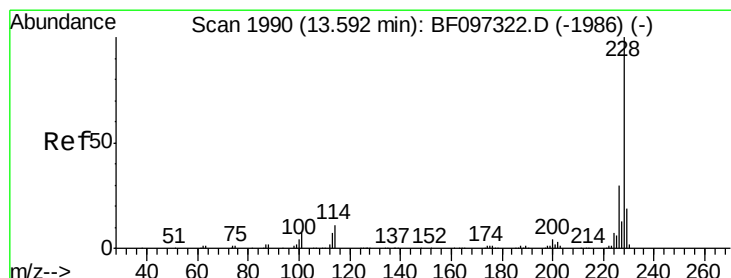
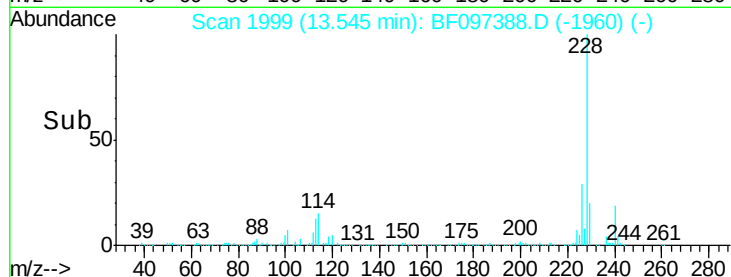
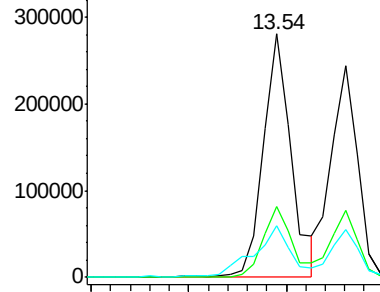
229 21.1 16.3 24.5



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: 18.23 ng

RT: 13.58 min Scan# 2005

Delta R.T. -0.08 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

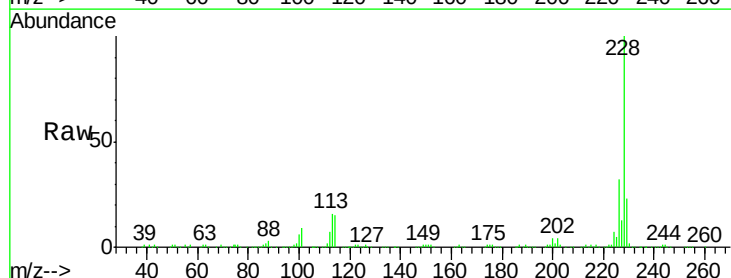
Tgt Ion:228 Resp: 231652

Ion Ratio Lower Upper

228 100

226 31.5 24.9 37.3

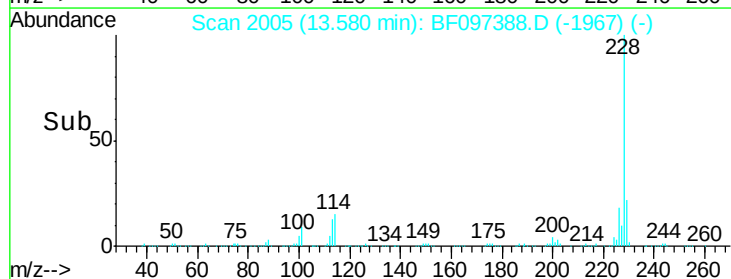
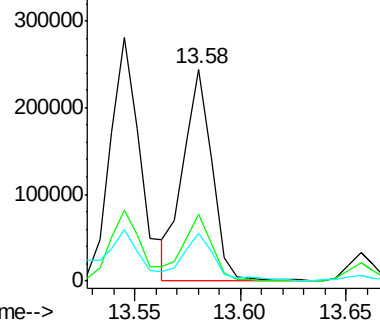
229 22.7 15.8 23.6

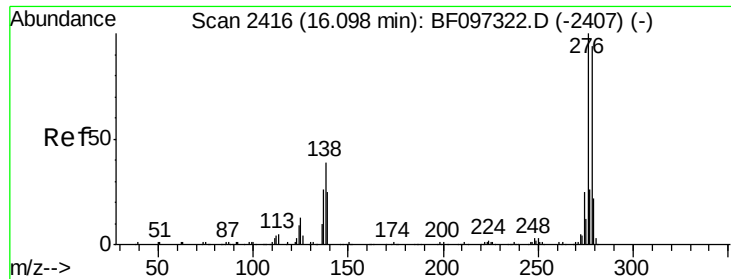


Abundance Ion 228.00 (227.70 to 228.70): E

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: 7.65 ng

RT: 16.09 min Scan# 2432

Delta R.T. -0.11 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

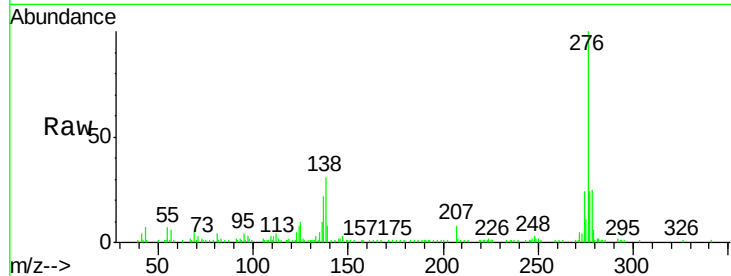
Tot Ion:276 Resp: 83371

Ion Ratio Lower Upper

276 100

138 30.3 27.8 41.6

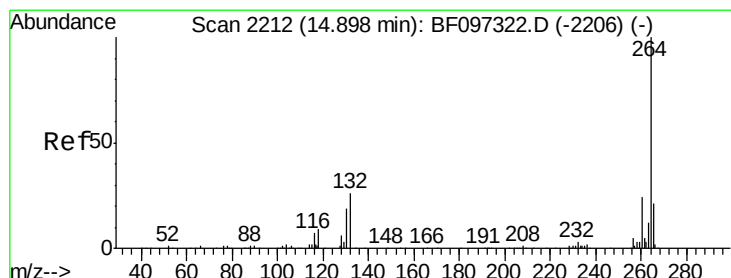
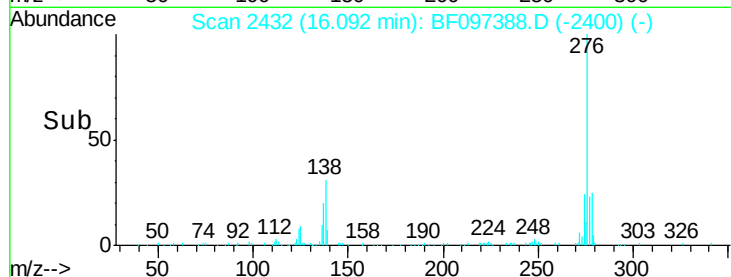
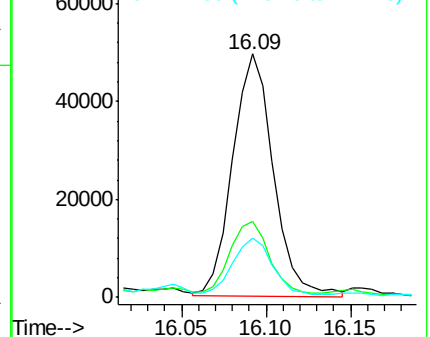
277 23.1 20.2 30.4



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

Perylene-d12

Concen: 20.00 ng

RT: 14.89 min Scan# 2228

Delta R.T. -0.08 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

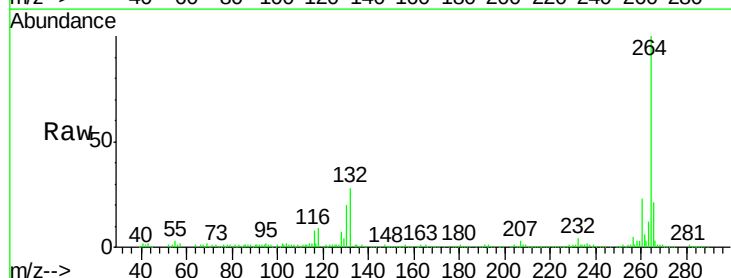
Tgt Ion:264 Resp: 166014

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

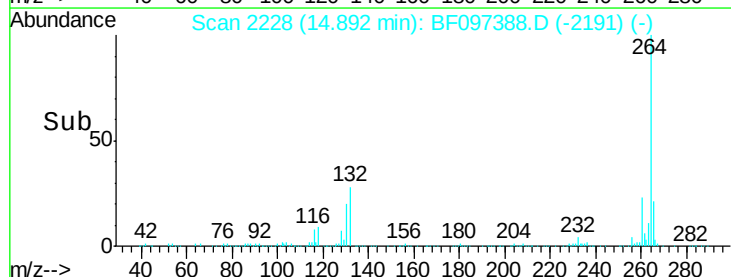
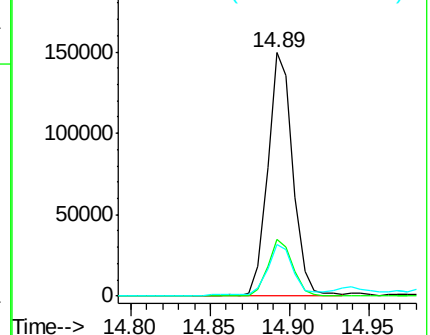
265 21.4 17.2 25.8

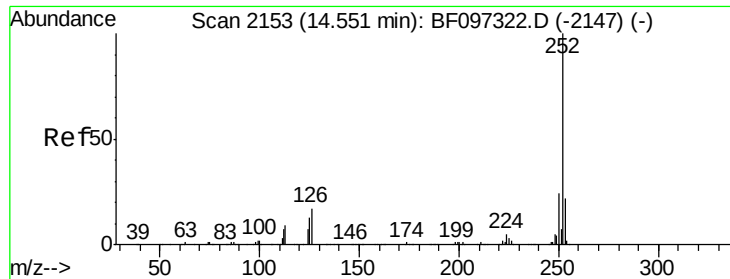


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

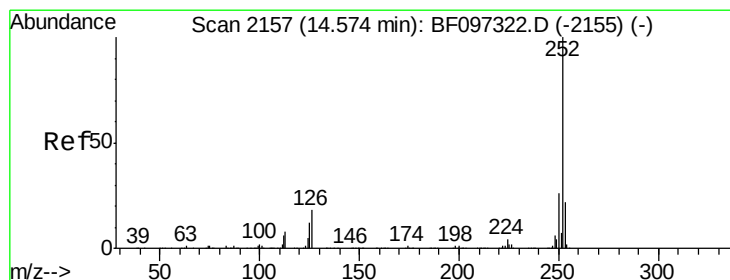
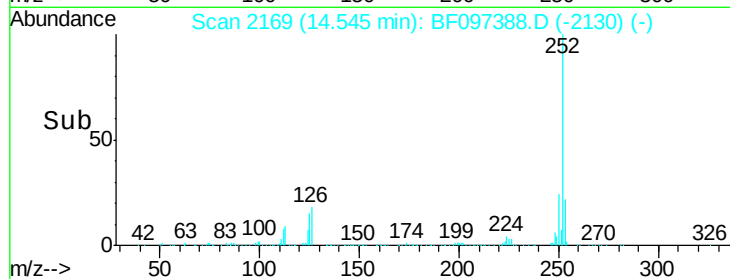
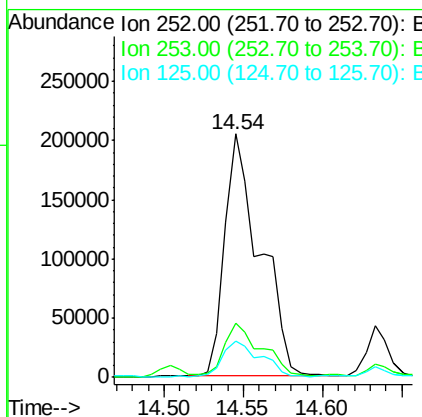
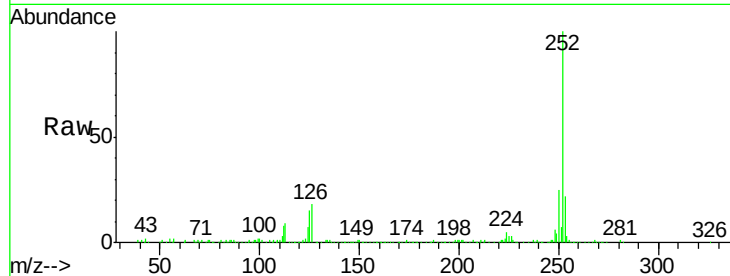




#87
Benzo(b)fluoranthene
Concen: 31.72 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

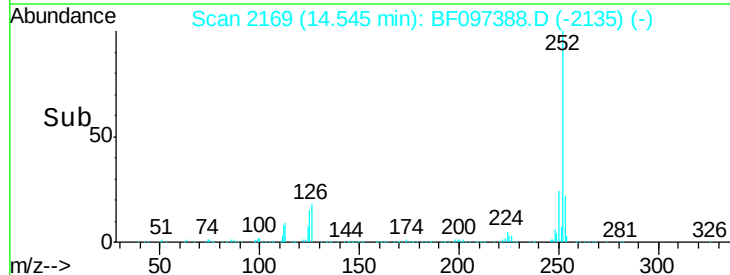
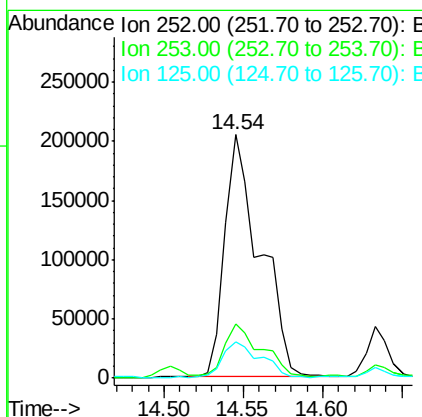
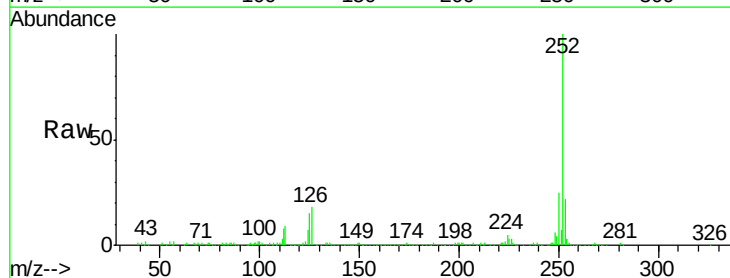
Instrument :
BNA_F
ClientSampleId :

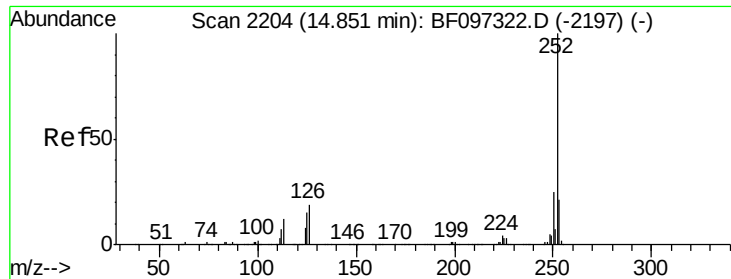
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	15.0	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 33.29 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.10 min
Lab File: BF097388.D
Acq: 5 Aug 2017 6:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.4	27.6
125	15.0	13.1	19.7





#89

Benzo(a)pyrene

Concen: 19.68 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.08 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

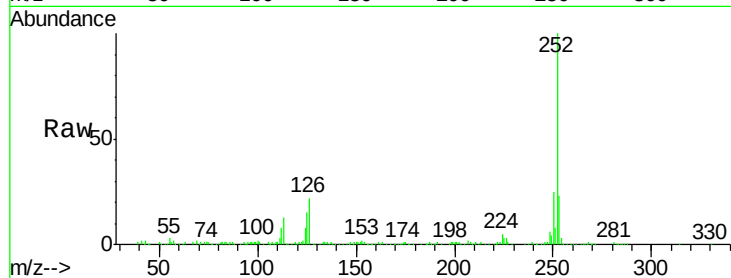
Tot Ion:252 Resp: 179775

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

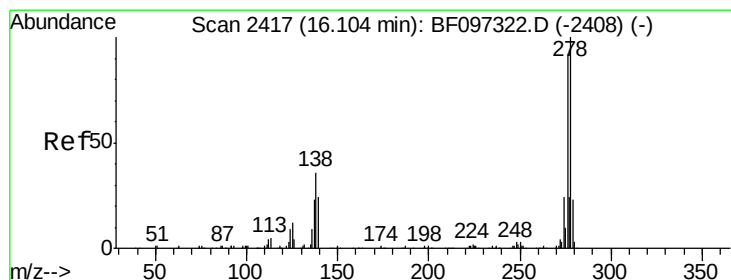
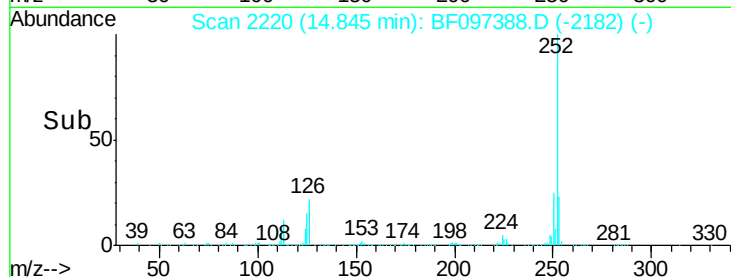
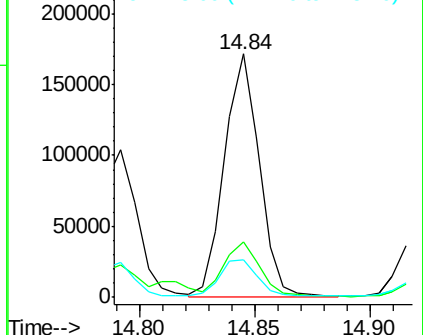
125 15.4 11.0 16.4



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: 2.22 ng

RT: 15.93 min Scan# 2405

Delta R.T. -0.28 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

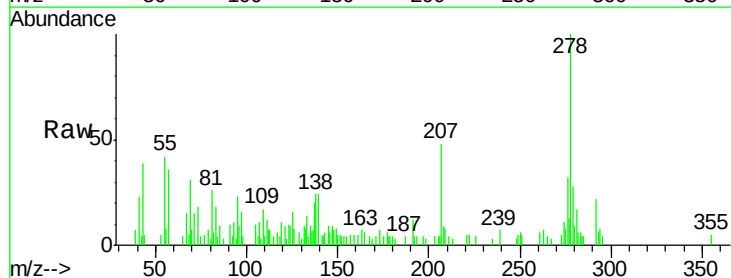
Tgt Ion:278 Resp: 16601

Ion Ratio Lower Upper

278 100

139 24.2 16.6 24.8

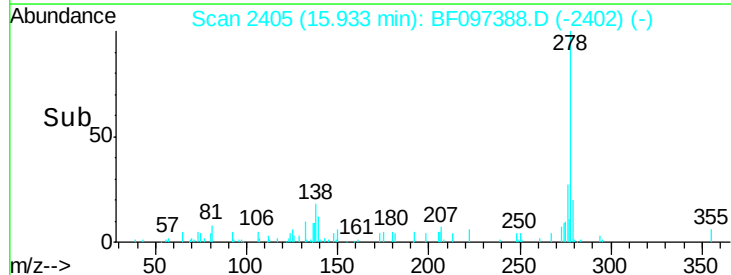
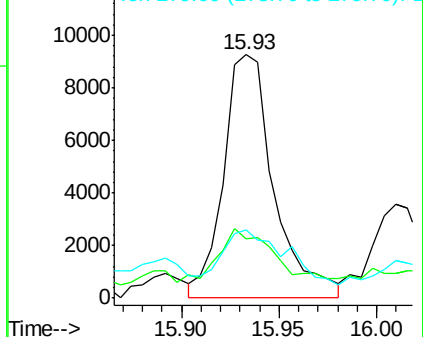
279 27.9 19.3 28.9

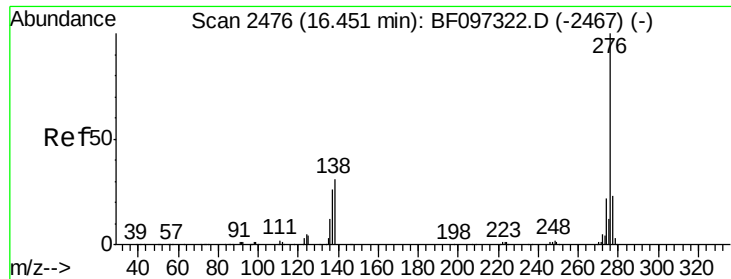


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 9.47 ng

RT: 16.44 min Scan# 2492

Delta R.T. -0.12 min

Lab File: BF097388.D

Acq: 5 Aug 2017 6:54

Instrument :

BNA_F

ClientSampleId :

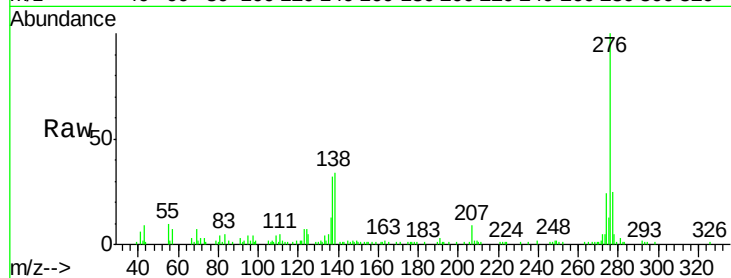
Tot Ion:276 Resp: 74359

Ion Ratio Lower Upper

276 100

277 25.4 18.6 28.0

138 34.3 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

