

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098052.D
 Acq On : 26 Aug 2017 1:27
 Operator : SJ/JU
 Sample : I4948-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

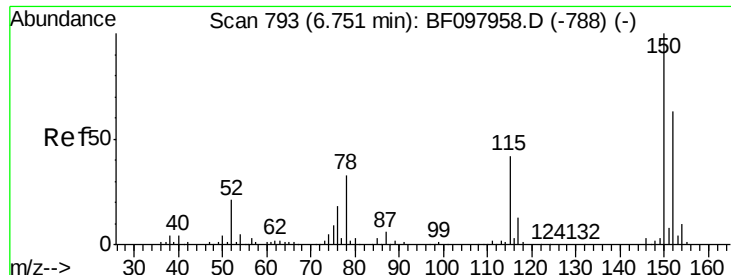
Quant Time: Aug 26 02:06:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	97393	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	336028	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	131558	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	253391	20.00	ng	0.00
75) Chrysene-d12	13.89	240	203019	20.00	ng	0.00
86) Perylene-d12	15.32	264	143799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	669369	104.54	ng	0.00
7) Phenol-d6	6.38	99	889297	102.22	ng	0.00
23) Nitrobenzene-d5	7.30	82	455961	73.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	123913	108.55	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	580064	64.78	ng	0.00
78) Terphenyl-d14	12.84	244	485982	49.92	ng	0.00

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	61220	10.28	ng	# 73
25) Isophorone	7.30	82	447374	34.78	ng	# 67
48) Acenaphthylene	9.64	152	30502	2.19	ng	99
49) Dimethylphthalate	9.49	163	52853	5.50	ng	98
50) 2,6-Dinitrotoluene	9.77	165	17714	9.23	ng	# 31
51) Acenaphthene	9.81	154	31775	3.62	ng	98
54) Dibenzofuran	9.98	168	49683	4.22	ng	97
55) 4-Nitrophenol	9.98	139	18167	9.20	ng	# 28
56) 2,4-Dinitrotoluene	9.77	165	17714	7.35	ng	# 31
57) Fluorene	10.32	166	55963	6.15	ng	96
64) 4,6-Dinitro-2-methylphenol	10.56	198	317	8.54	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	8238	3.13	ng	# 1
70) Phenanthrene	11.29	178	296701	21.97	ng	98
71) Anthracene	11.33	178	120089	8.77	ng	99
74) Fluoranthene	12.47	202	439740	31.20	ng	98
77) Pyrene	12.70	202	362821	21.85	ng	98
80) Benzo(a)anthracene	13.89	228	141599	11.64	ng	96
82) Chrysene	13.92	228	116617	9.63	ng	99
87) Benzo(b)fluoranthene	14.91	252	141867	15.65	ng	# 94
88) Benzo(k)fluoranthene	14.91	252	141867	16.66	ng	97
89) Benzo(a)pyrene	15.26	252	77402	9.65	ng	97
91) Benzo(g,h,i)perylene	17.11	276	31554	4.63	ng	97

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

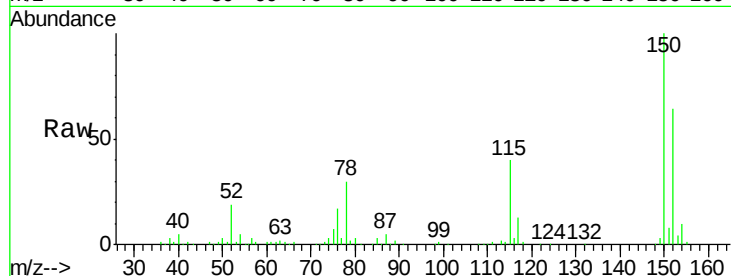


#1

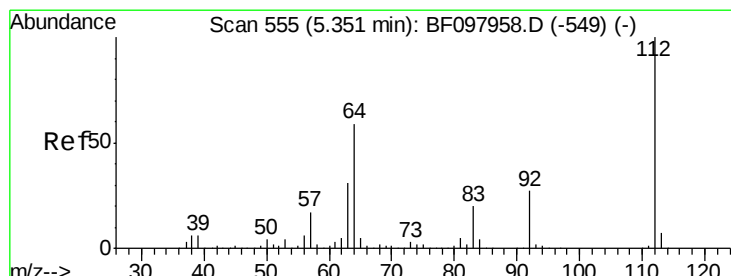
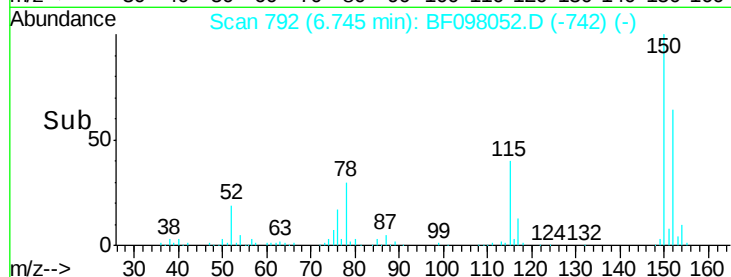
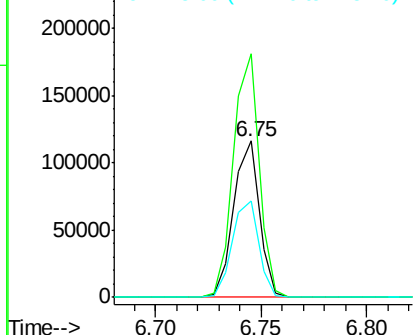
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion:152 Resp: 97393
Ion Ratio Lower Upper
152 100
150 156.0 126.2 189.2
115 61.8 52.2 78.2



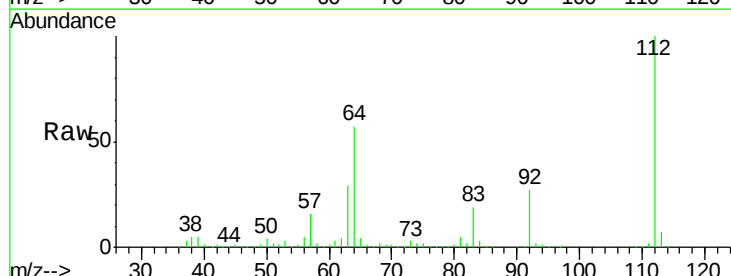
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



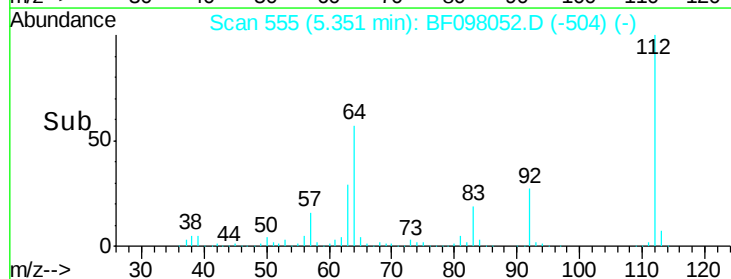
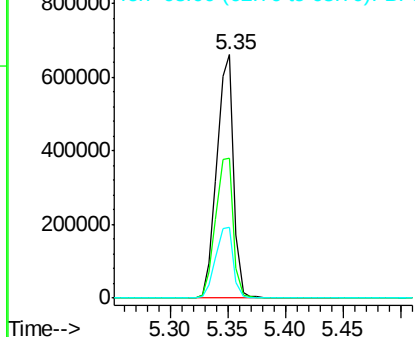
#5

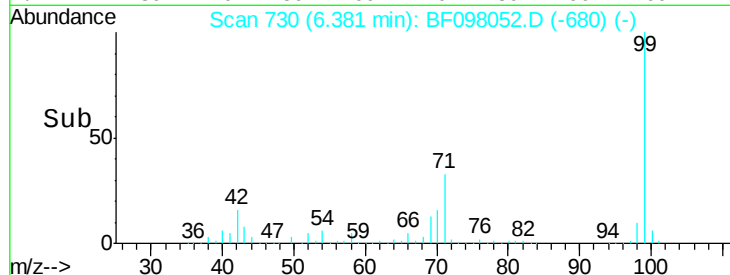
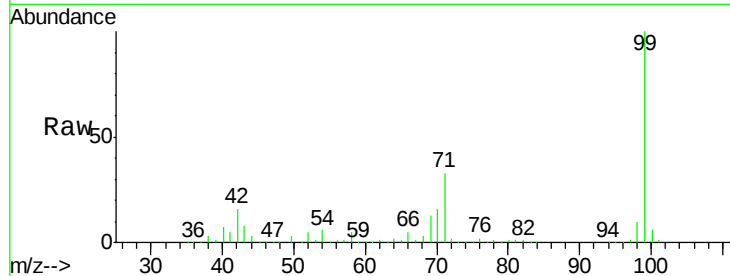
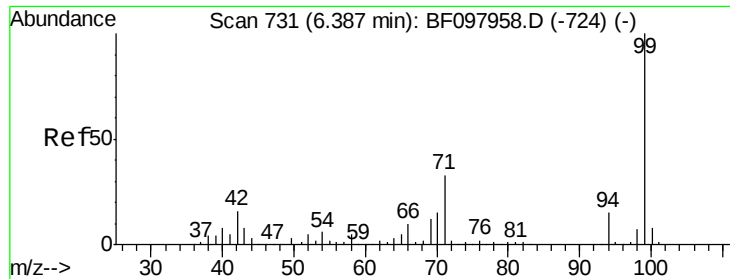
2-Fluorophenol
Concen: 104.54 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Tgt Ion:112 Resp: 669369
Ion Ratio Lower Upper
112 100
64 57.4 46.0 69.0
63 29.0 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: 102.22 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

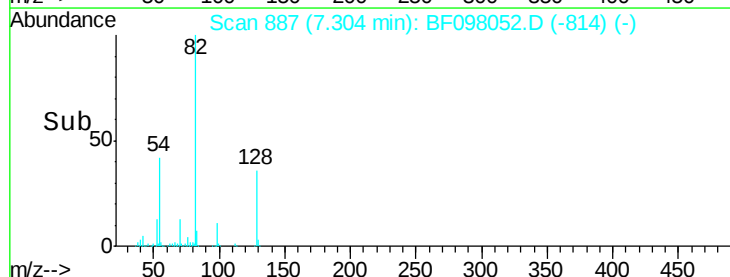
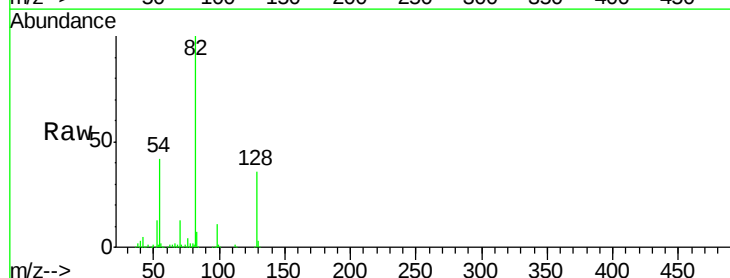
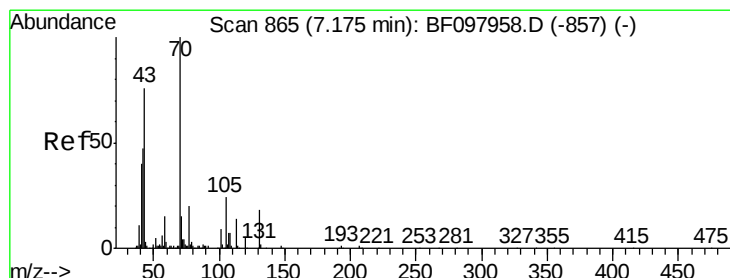
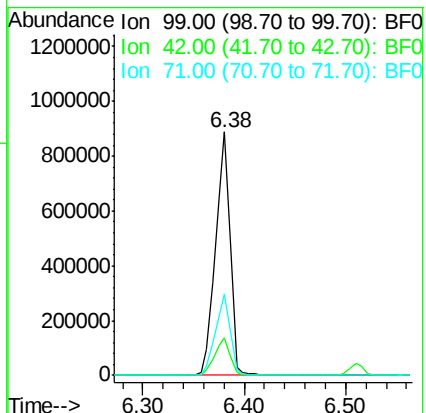
Tot Ion: 99 Resp: 889297

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

71 33.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.28 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.13 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Tgt Ion: 70 Resp: 61220

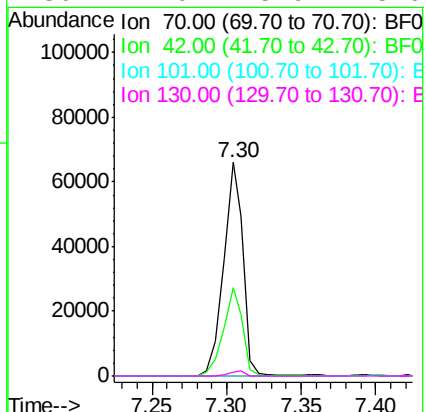
Ion Ratio Lower Upper

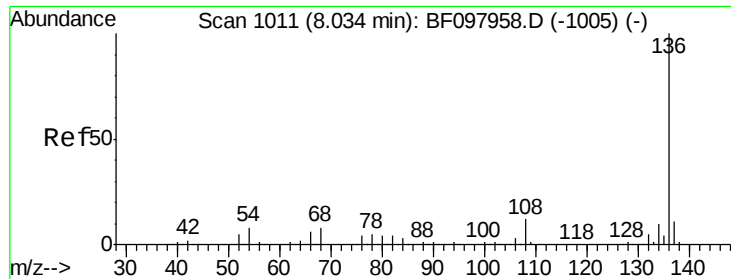
70 100

42 41.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

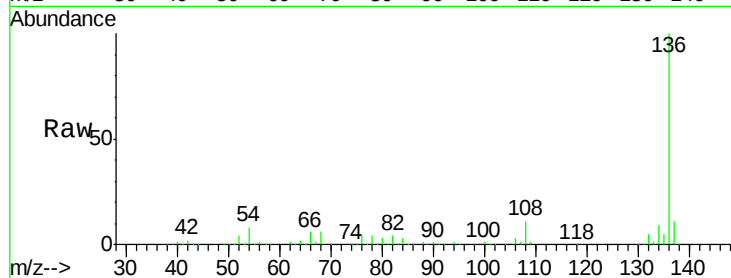




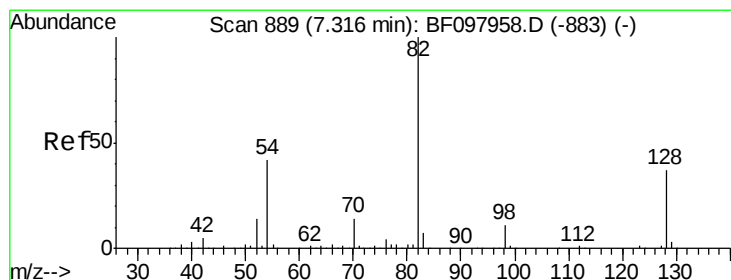
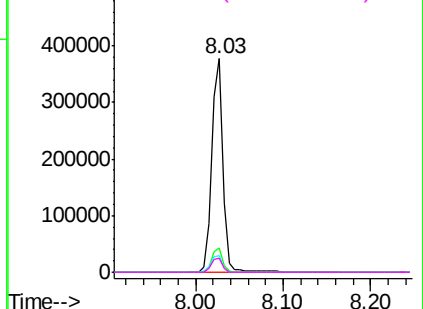
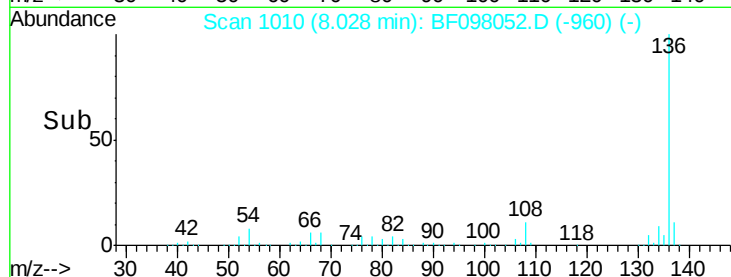
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion:136	Resp:	336028
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.5 12.7
54	7.6	4.9 7.3#
68	6.3	4.1 6.1#

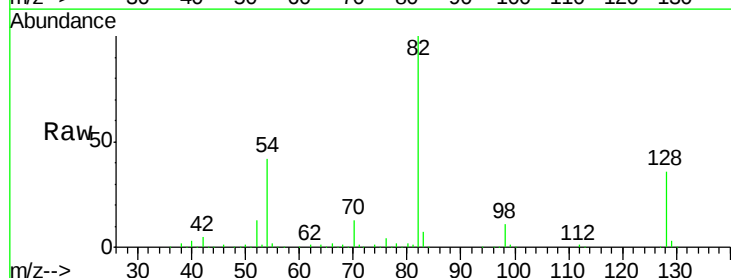


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

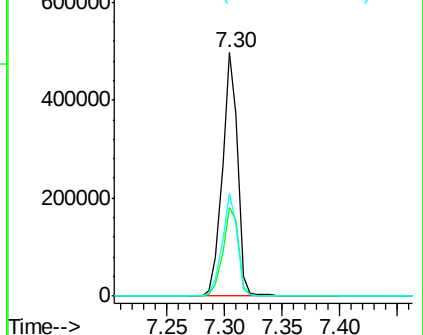
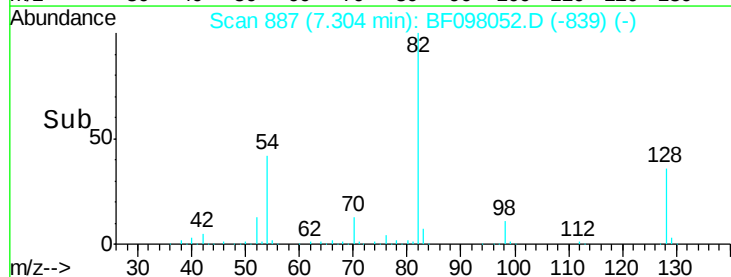


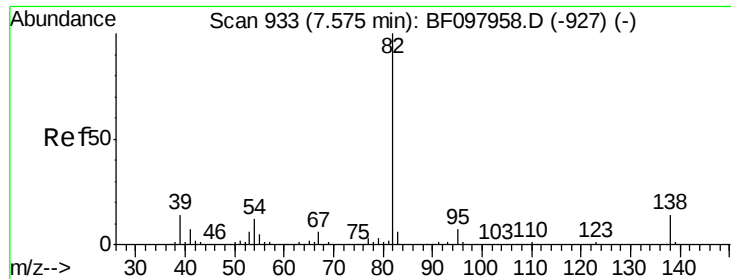
#23
Nitrobenzene-d5
Concen: 73.71 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Tgt Ion: 82	Resp:	455961
Ion Ratio	Lower	Upper
82	100	
128	36.5	34.0 51.0
54	42.2	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





#25

Isophorone

Concen: 34.78 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.28 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

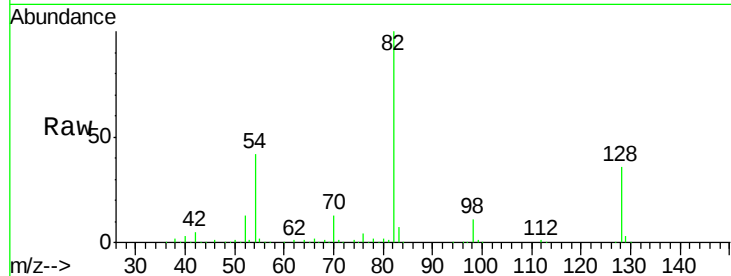
Tot Ion: 82 Resp: 447374

Ion Ratio Lower Upper

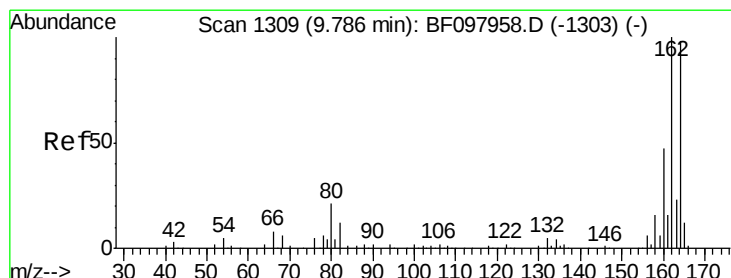
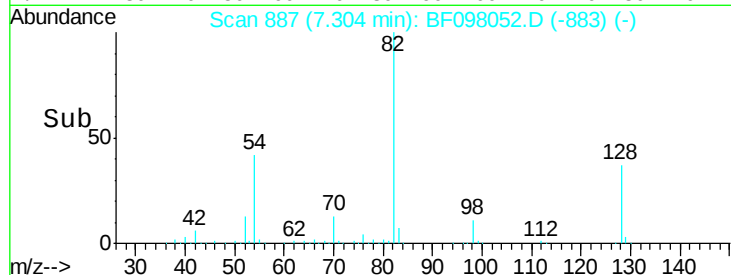
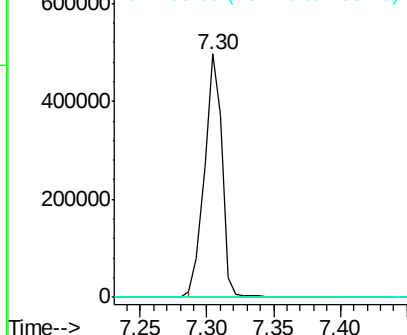
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

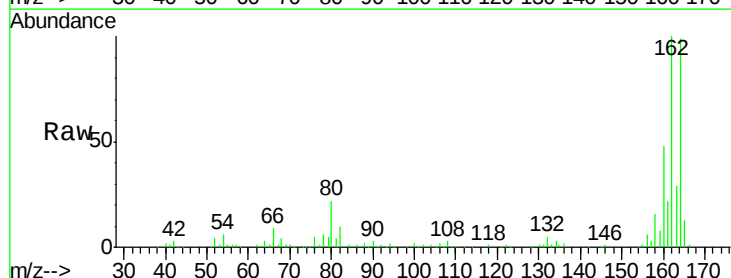
Tgt Ion:164 Resp: 131558

Ion Ratio Lower Upper

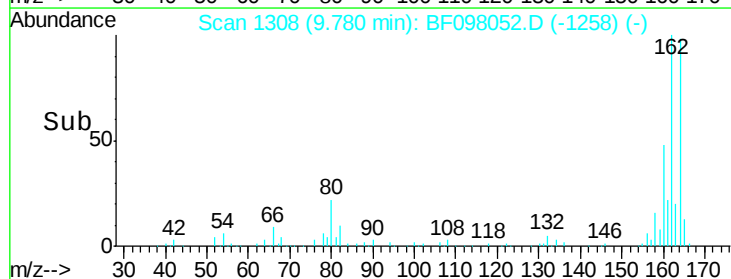
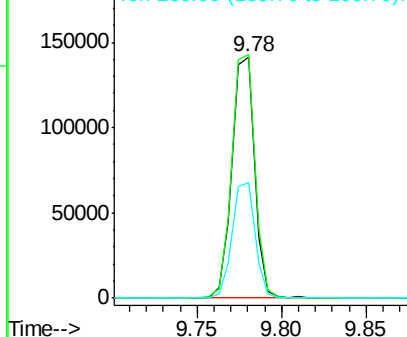
164 100

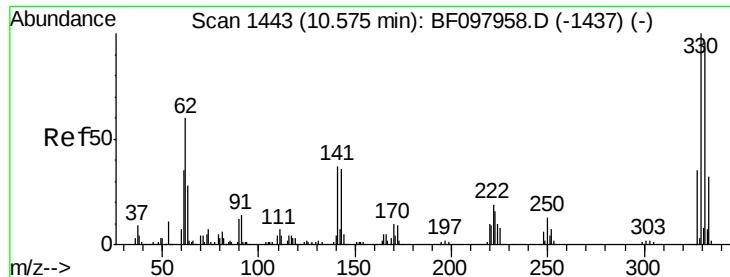
162 100.8 82.6 123.8

160 48.0 36.2 54.2



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

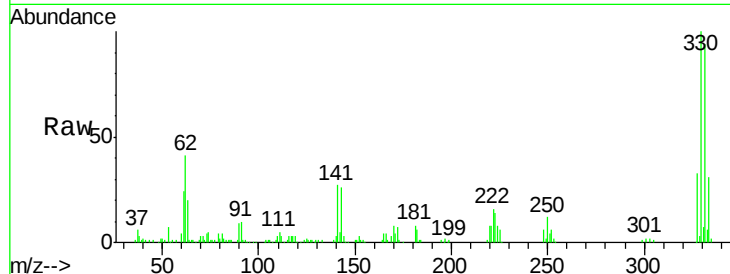




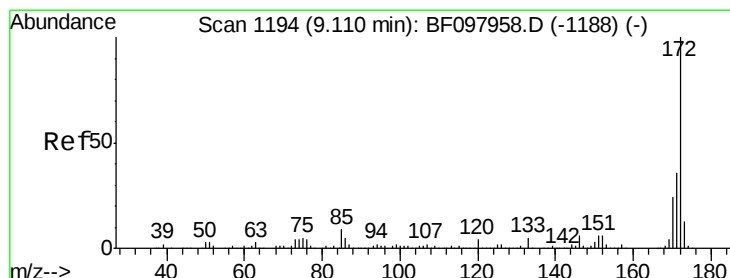
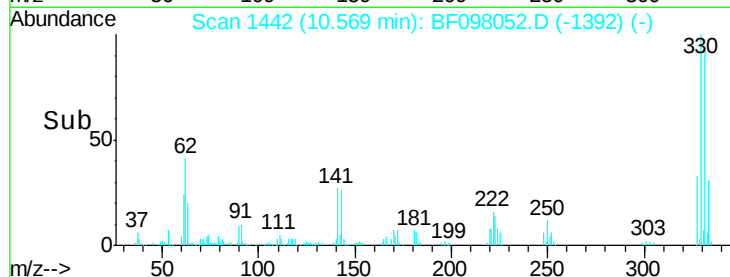
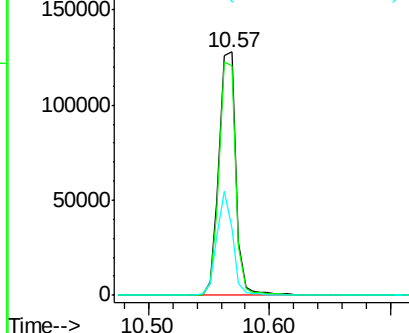
#41
 2,4,6-Tribromophenol
 Concen: 108.55 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.1	76.6	115.0
141	39.4	31.4	47.2

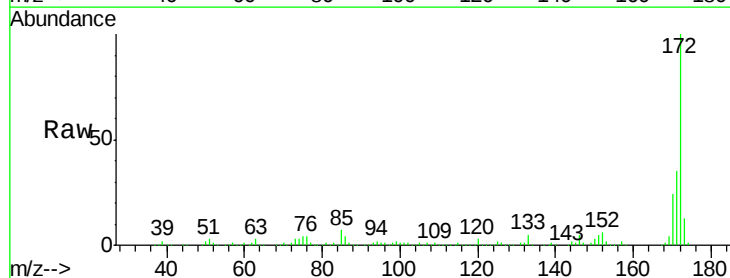


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

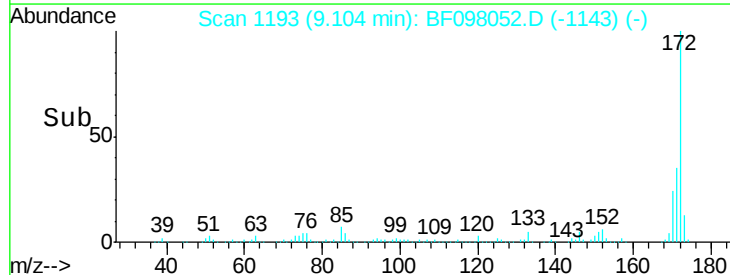
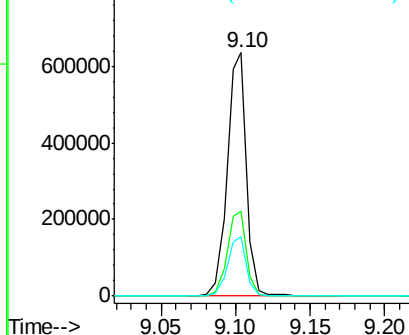


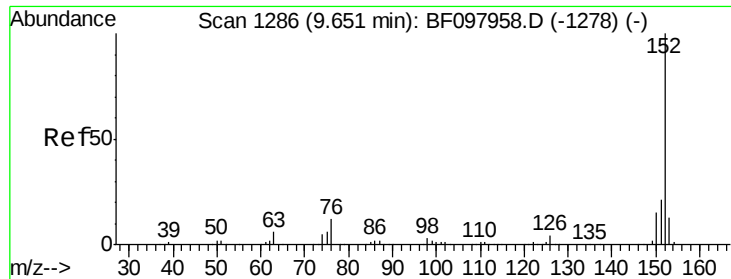
#44
 2-Fluorobiphenyl
 Concen: 64.78 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.4	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





#48

Acenaphthylene

Concen: 2.19 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

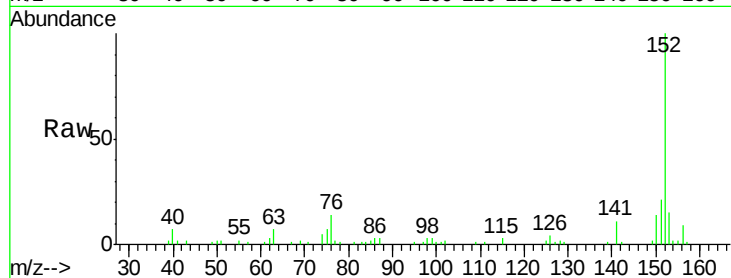
Tot Ion:152 Resp: 30502

Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

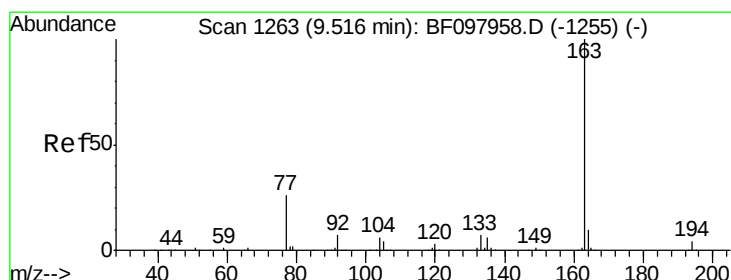
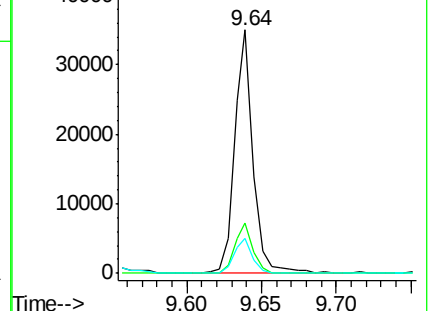
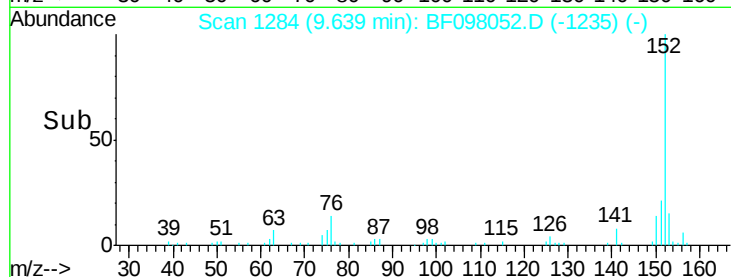
153 14.6 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 5.50 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

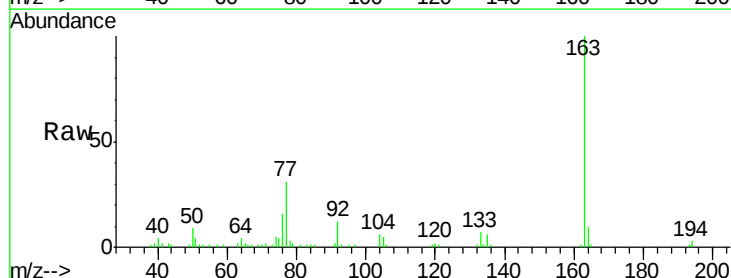
Tgt Ion:163 Resp: 52853

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

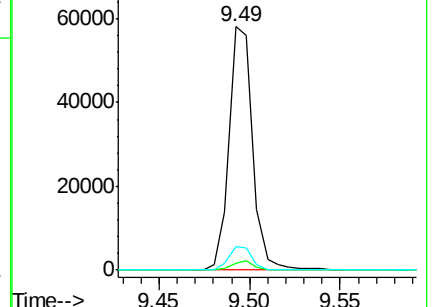
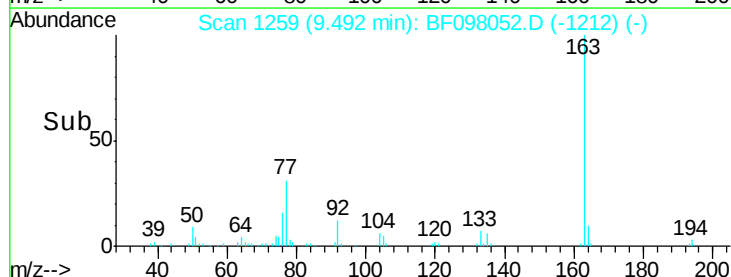
164 9.7 8.4 12.6

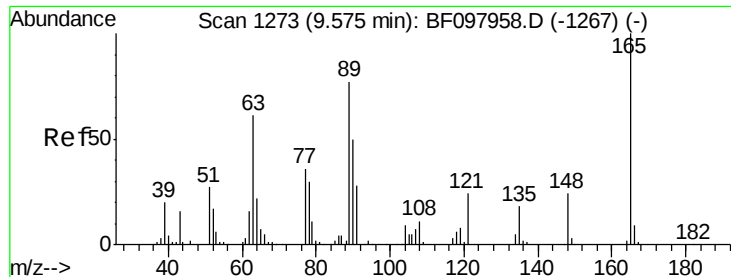


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

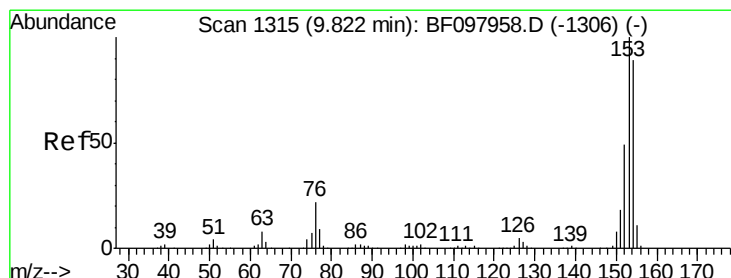
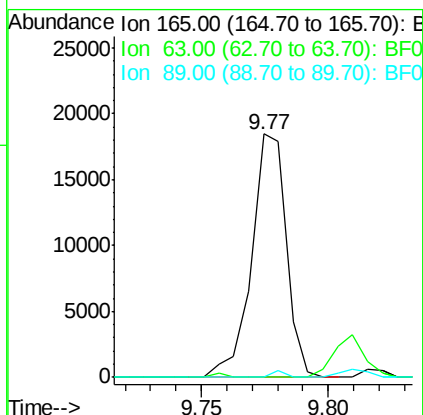
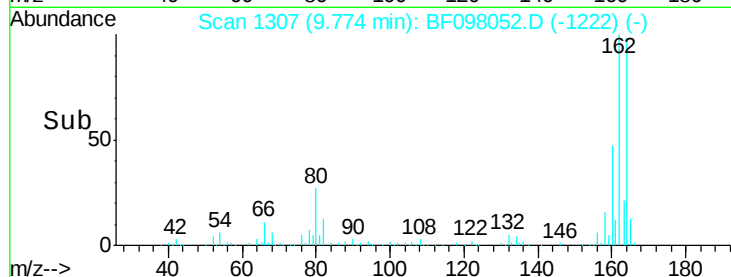
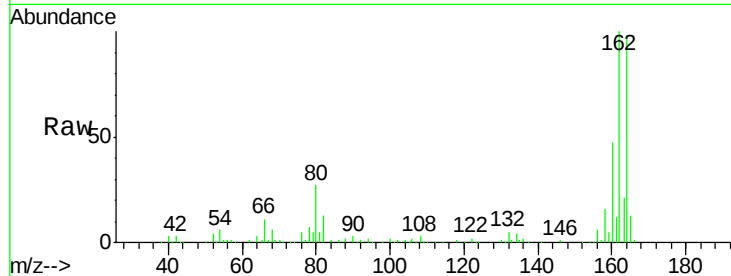




#50
2,6-Dinitrotoluene
Concen: 9.23 ng
RT: 9.77 min Scan# 1307
Delta R.T. 0.20 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

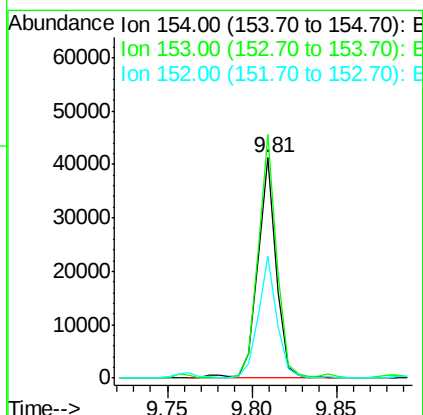
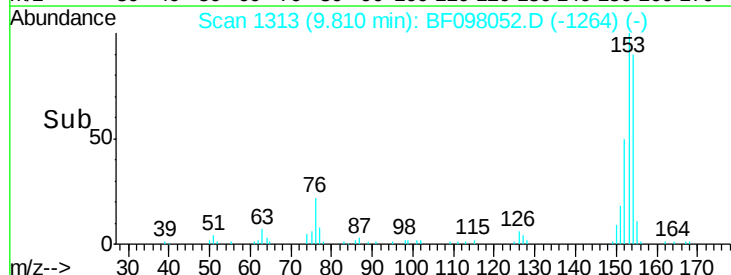
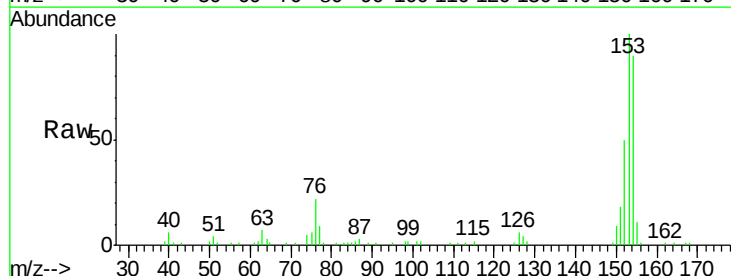
Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

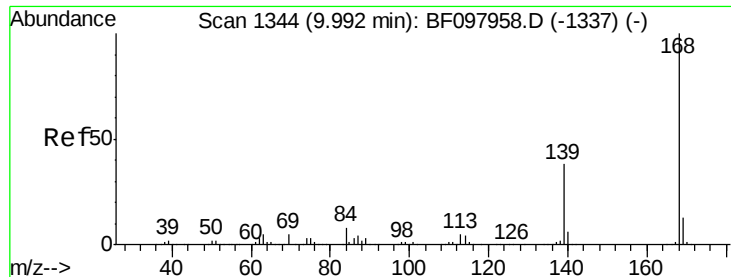
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



#51
Acenaphthene
Concen: 3.62 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.6	90.5	135.7
152	55.3	43.6	65.4

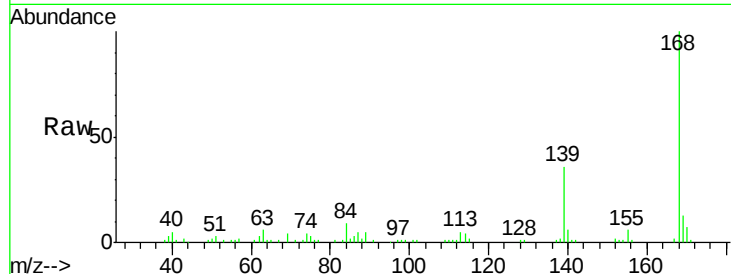




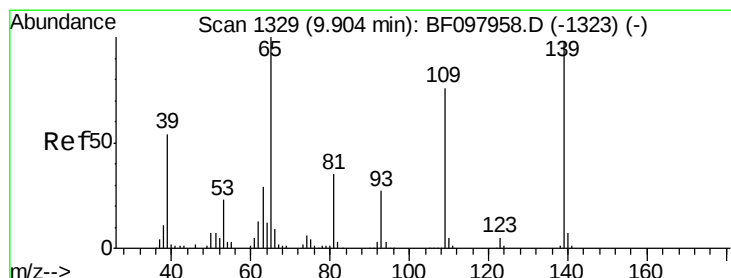
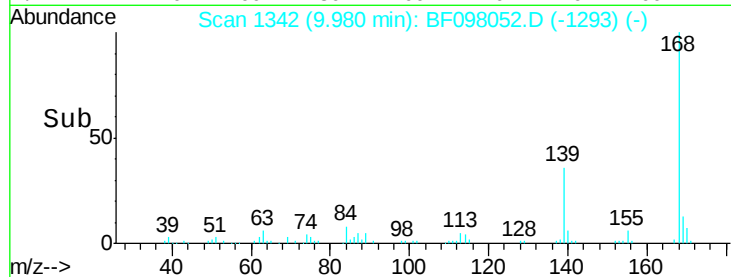
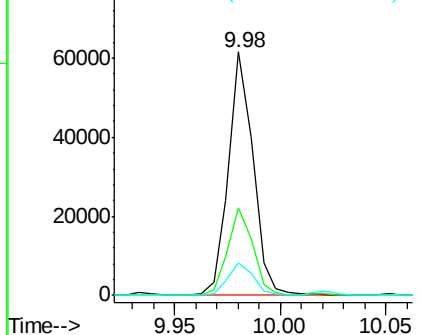
#54
Dibenzo(furan)
Concen: 4.22 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion:168 Resp: 49683
Ion Ratio Lower Upper
168 100
139 36.2 30.6 45.8
169 13.3 10.8 16.2

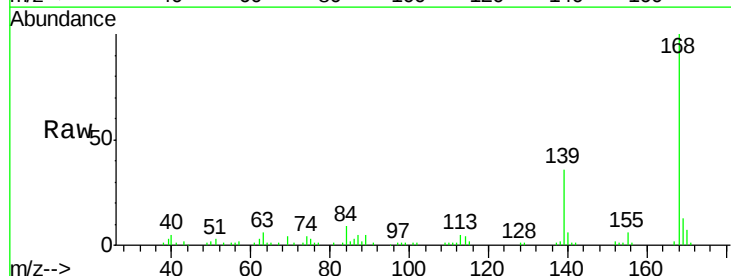


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

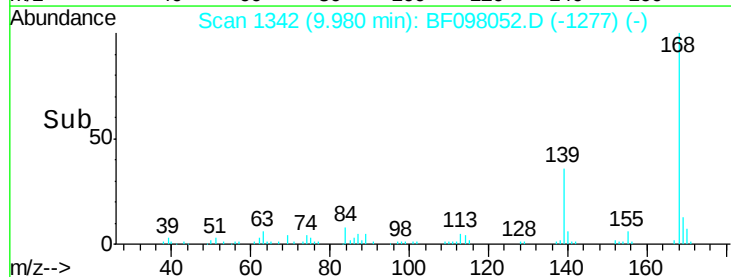
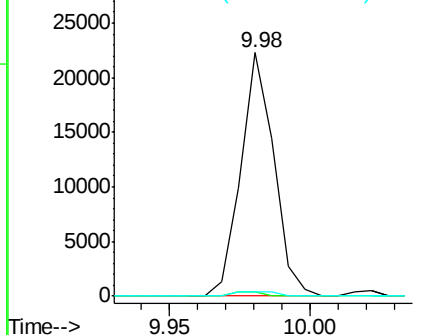


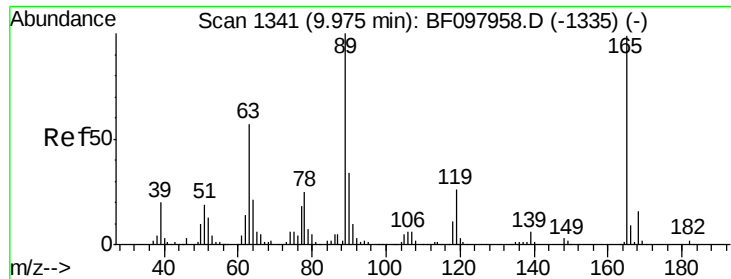
#55
4-Nitrophenol
Concen: 9.20 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.08 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Tgt Ion:139 Resp: 18167
Ion Ratio Lower Upper
139 100
109 1.6 34.1 74.1#
65 2.0 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

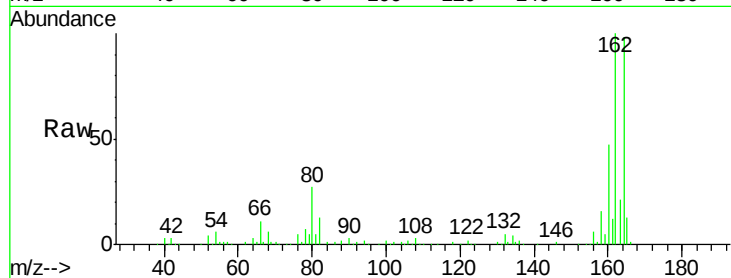




#56
2,4-Dinitrotoluene
Concen: 7.35 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.20 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

Instrument :
BNA_F
ClientSampleId :
TP-2-COMP

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	25.4	38.0#
89	0.0	46.4	69.6#
182	0.0	1.8	2.6#

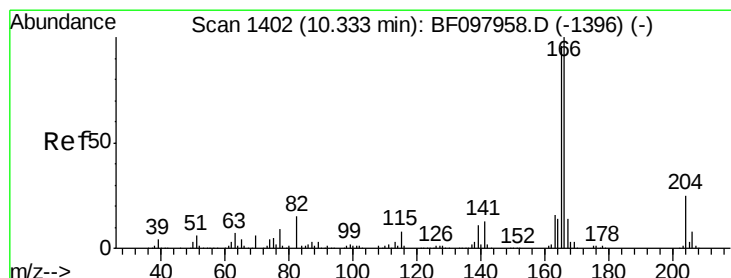
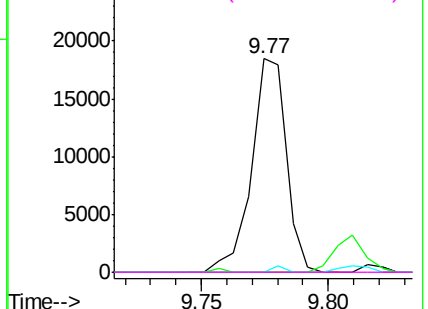
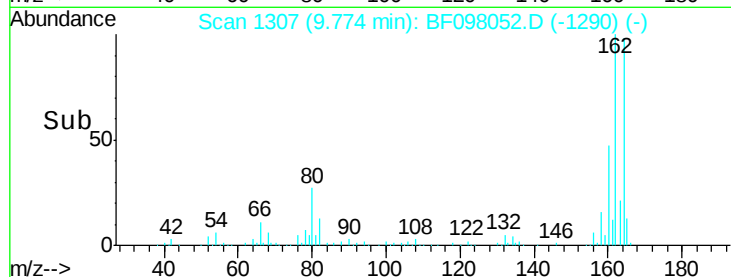


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

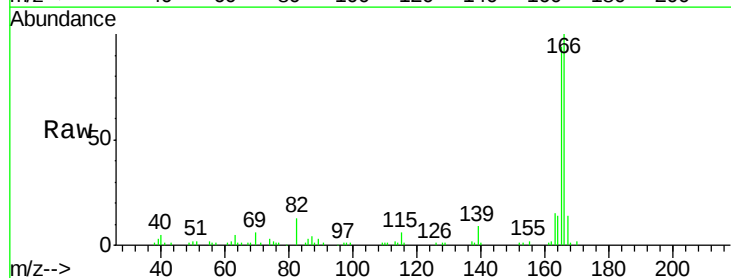
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: 6.15 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF098052.D
Acq: 26 Aug 2017 1:27

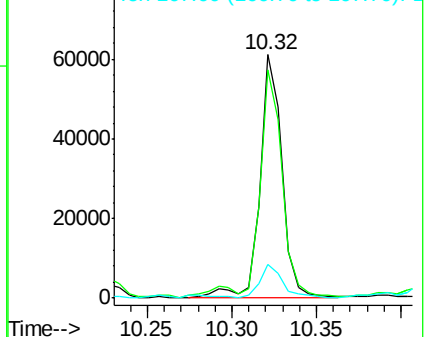
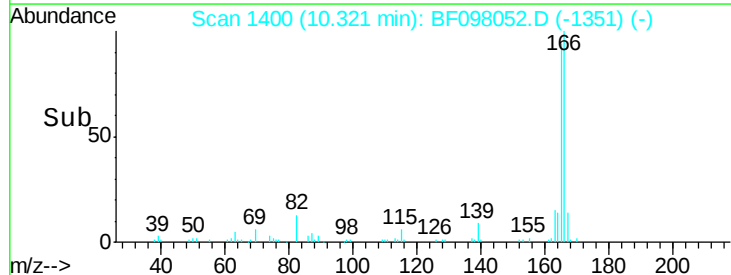
Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.6	78.8	118.2
167	13.9	10.6	16.0

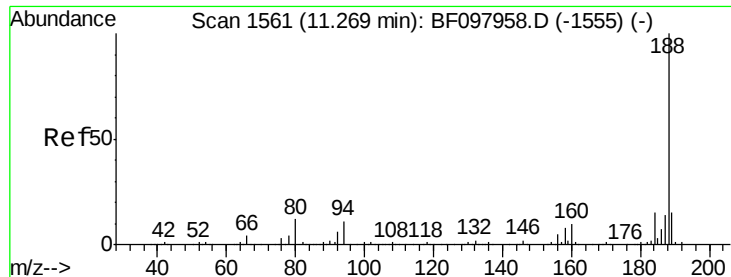


Abundance Ion 166.00 (165.70 to 166.70): E

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: 11.26 min Scan# 1560

Delta R.T. -0.00 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

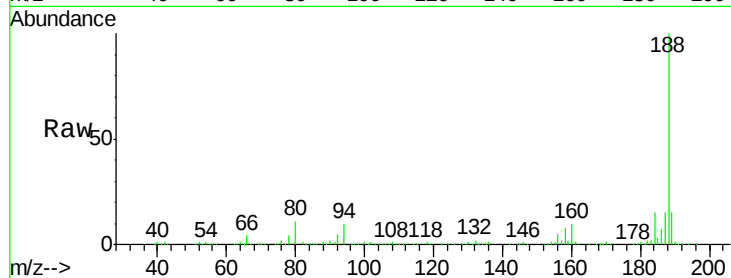
Tot Ion:188 Resp: 253391

Ion Ratio Lower Upper

188 100

94 9.9 9.4 14.2

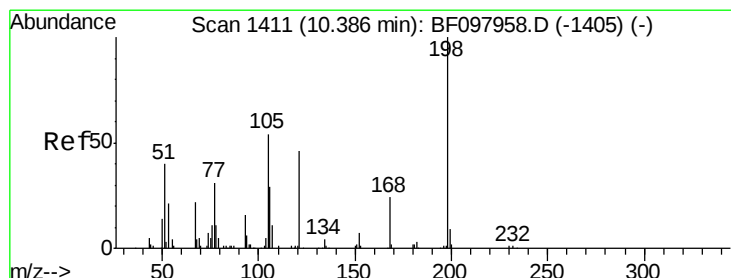
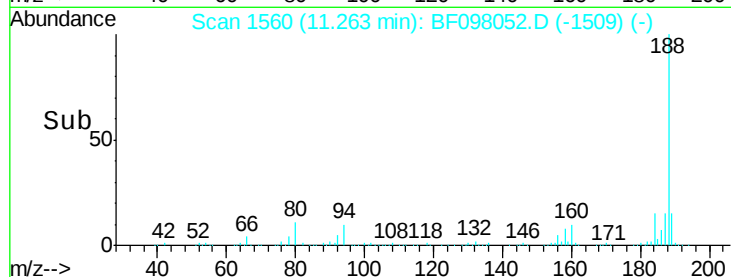
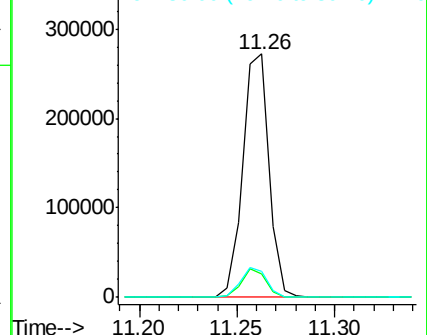
80 10.9 10.2 15.2



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: 8.54 ng

RT: 10.56 min Scan# 1441

Delta R.T. 0.18 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

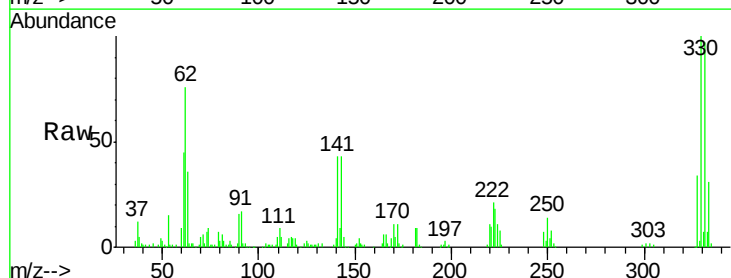
Tgt Ion:198 Resp: 317

Ion Ratio Lower Upper

198 100

51 266.3 53.2 93.2#

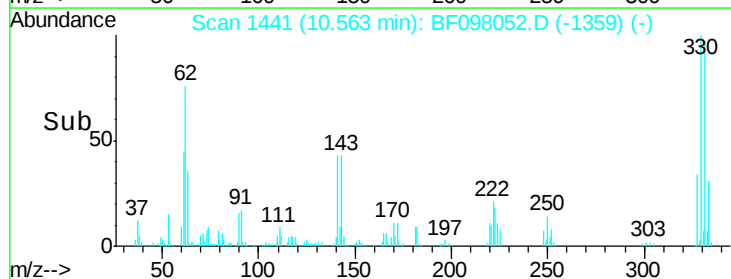
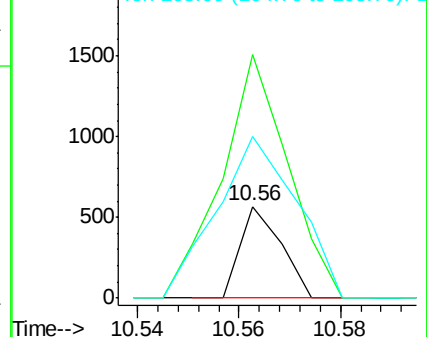
105 176.7 45.8 85.8#

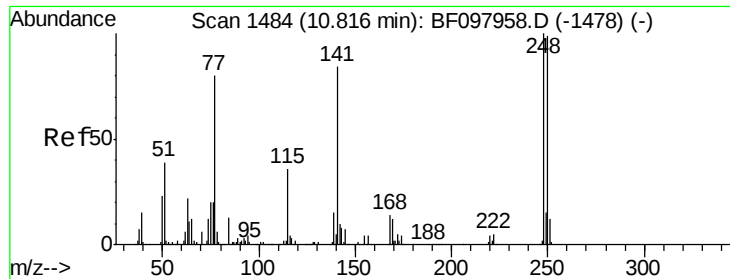


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

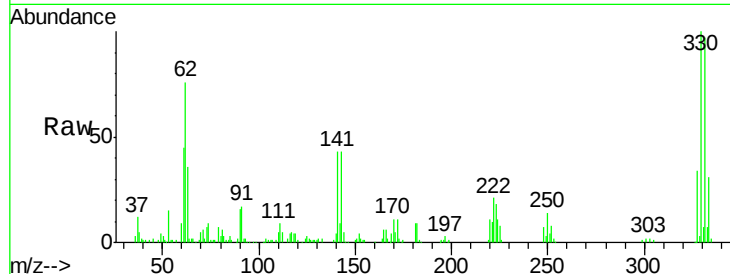




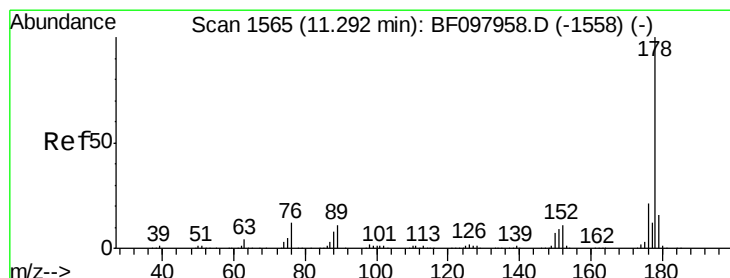
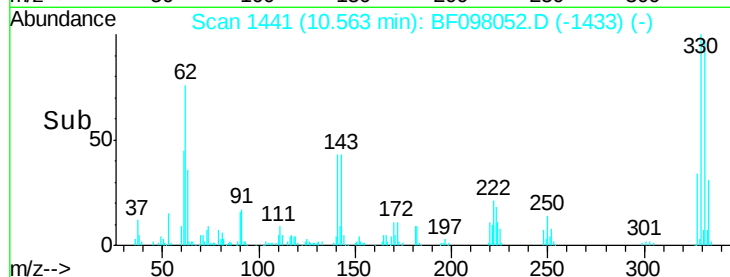
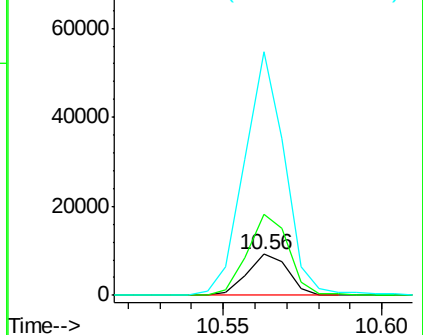
#66
 4-Bromophenyl-phenylether
 Concen: 3.13 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.25 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion:248 Resp: 8238
 Ion Ratio Lower Upper
 248 100
 250 198.8 76.8 115.2#
 141 595.3 68.6 103.0#

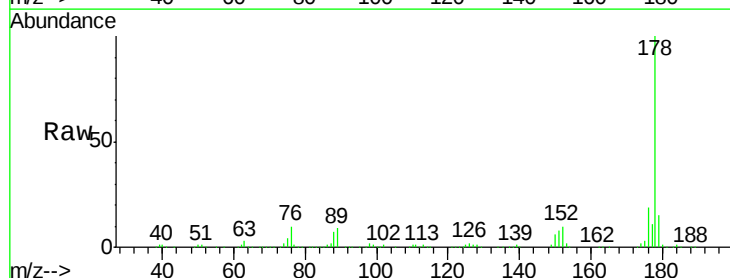


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

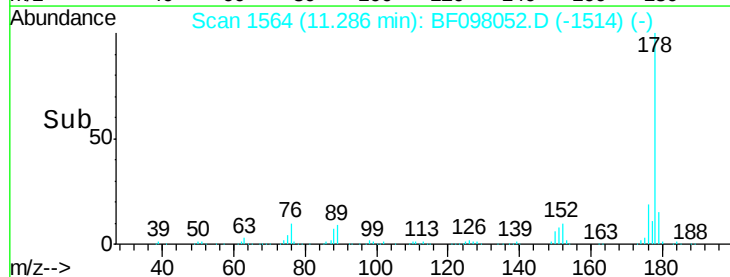
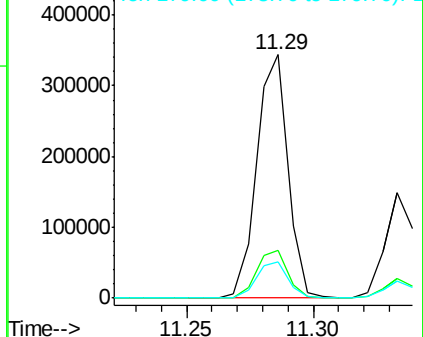


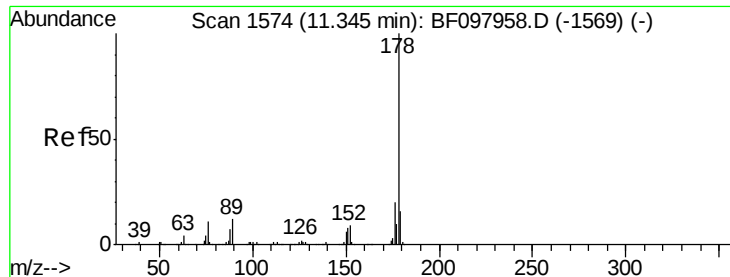
#70
 Phenanthrene
 Concen: 21.97 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Tgt Ion:178 Resp: 296701
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.2 24.4
 179 15.1 12.6 19.0



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

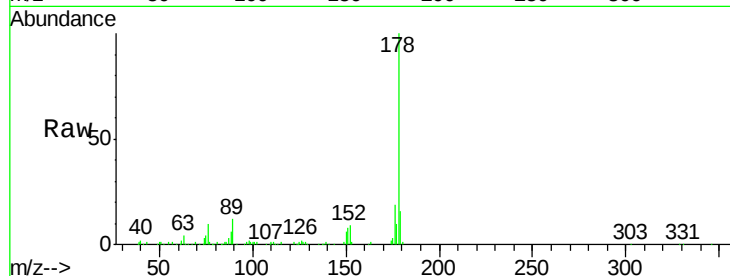




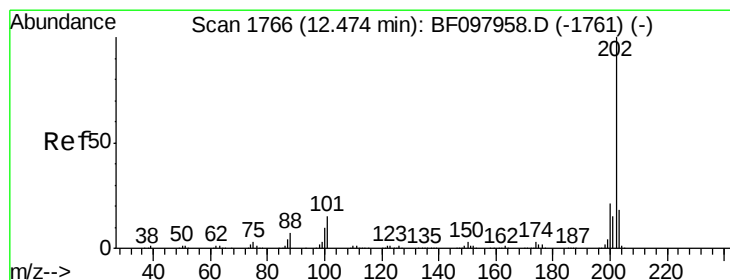
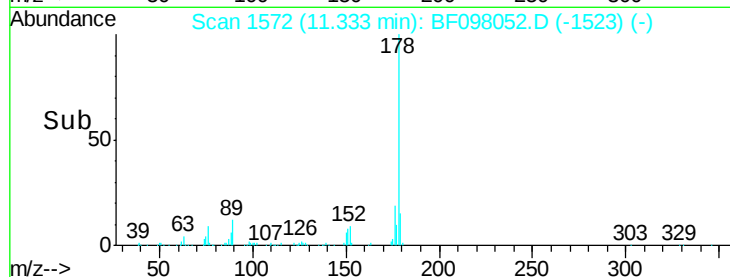
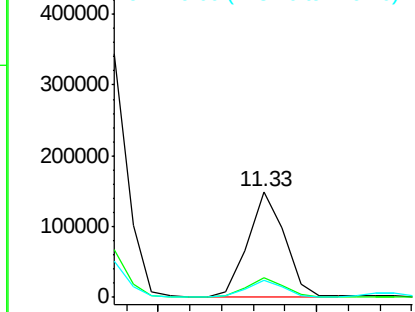
#71
 Anthracene
 Concen: 8.77 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.8	23.8
179	15.6	12.7	19.1

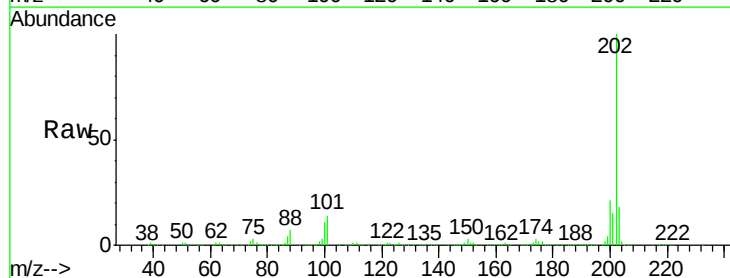


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

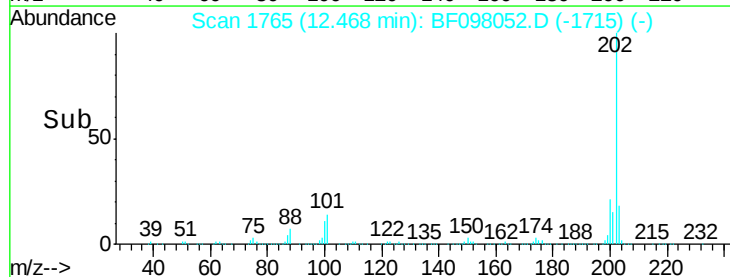
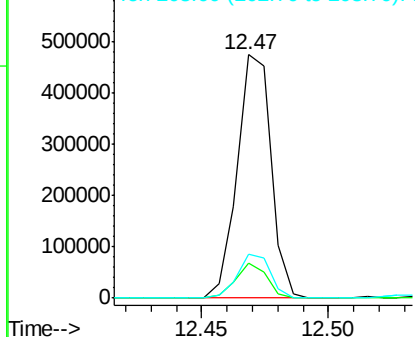


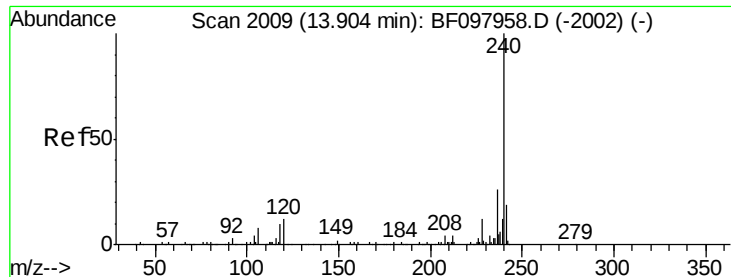
#74
 Fluoranthene
 Concen: 31.20 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.5	0.0	33.2
203	18.2	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: 20.00 ng

RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

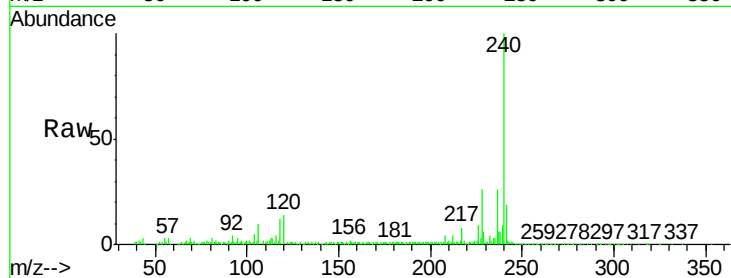
Tot Ion:240 Resp: 203019

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

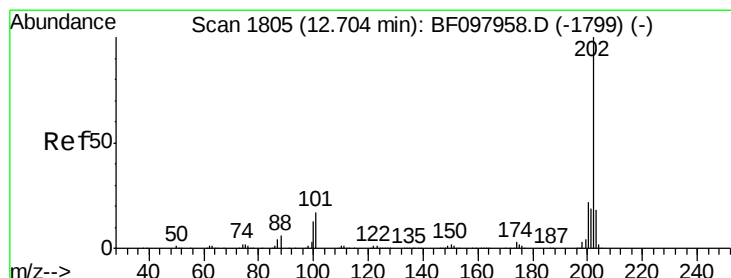
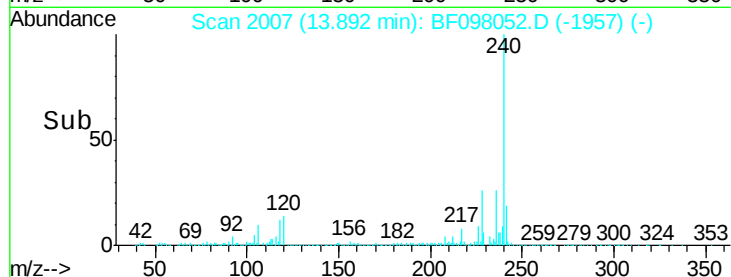
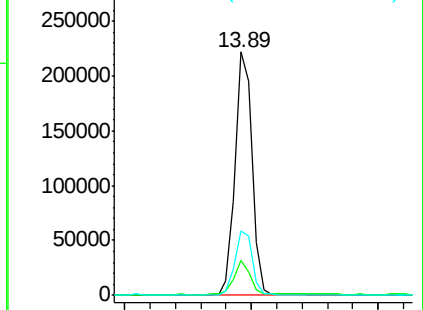
236 26.2 20.5 30.7



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: 21.85 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

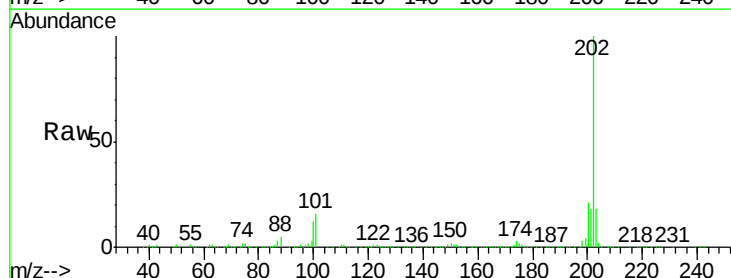
Tgt Ion:202 Resp: 362821

Ion Ratio Lower Upper

202 100

200 20.7 17.6 26.4

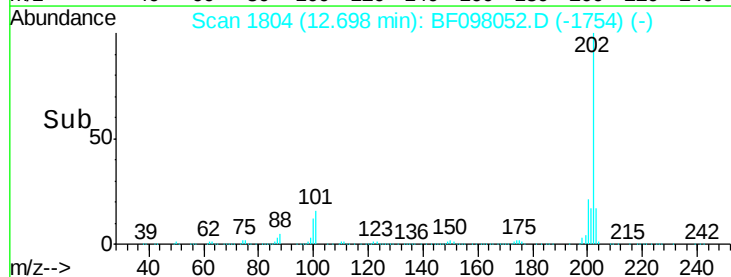
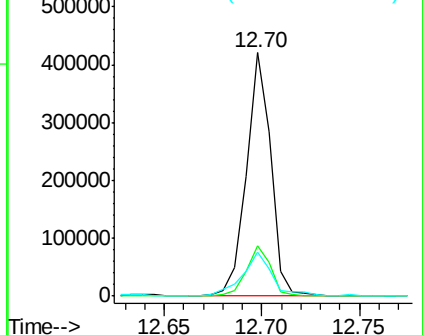
203 17.8 14.4 21.6

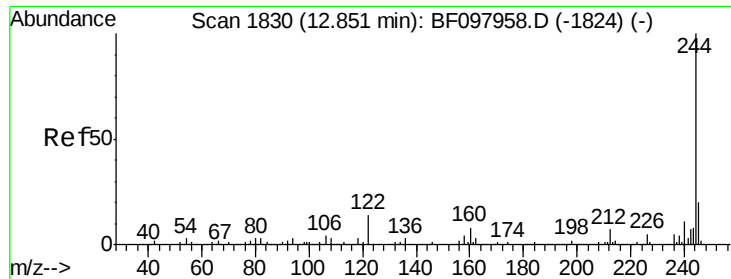


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

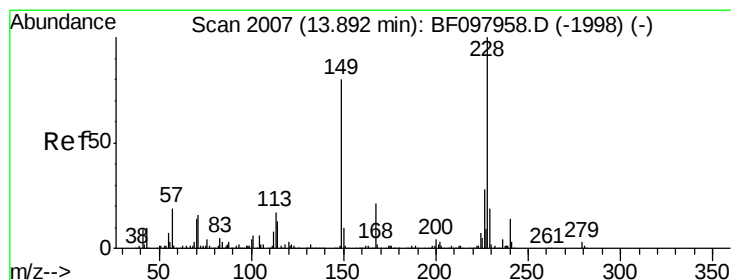
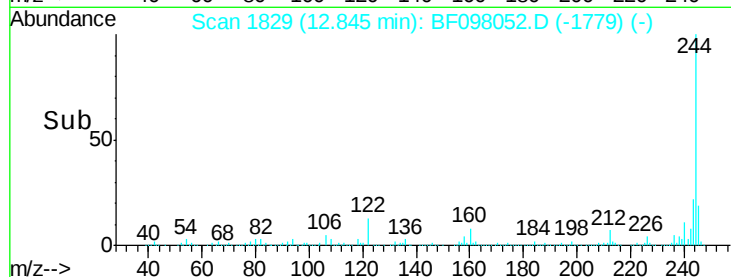
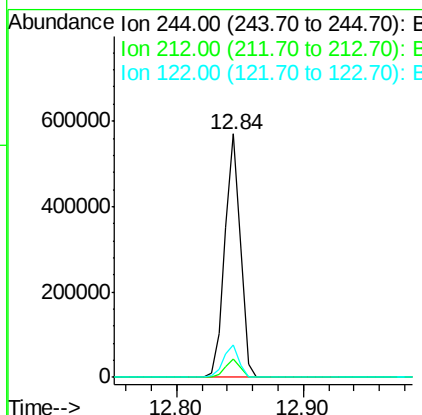
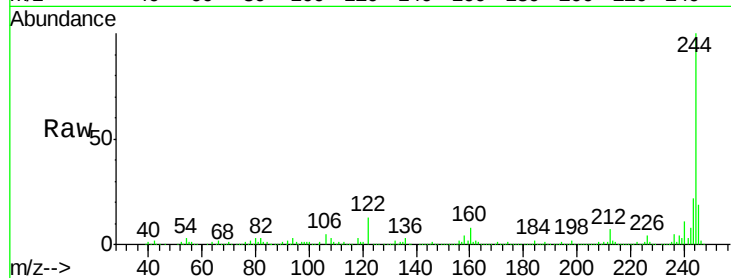




#78
 Terphenyl-d14
 Concen: 49.92 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

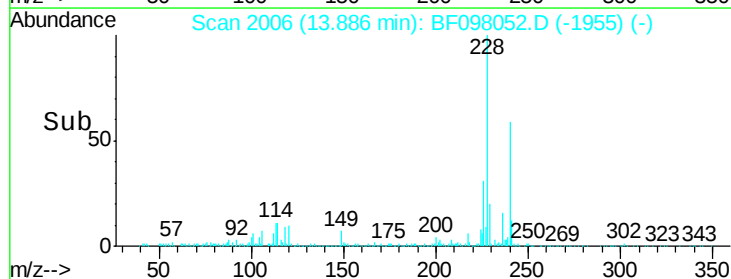
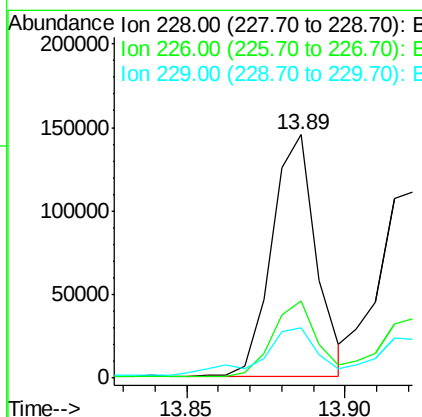
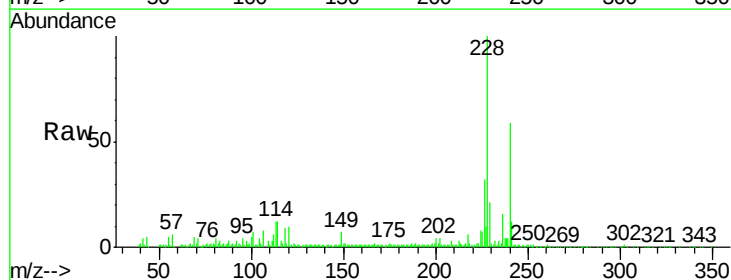
Instrument :
 BNA_F
 ClientSampleId :
 TP-2-COMP

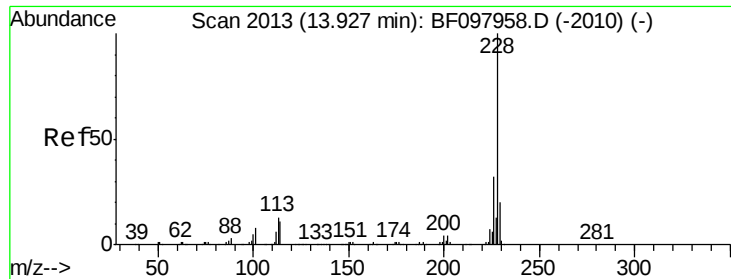
Tot Ion:244 Resp: 485982
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.2 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 11.64 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF098052.D
 Acq: 26 Aug 2017 1:27

Tgt Ion:228 Resp: 141599
 Ion Ratio Lower Upper
 228 100
 226 31.8 22.6 33.8
 229 20.7 16.3 24.5





#82

Chrysene

Concen: 9.63 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

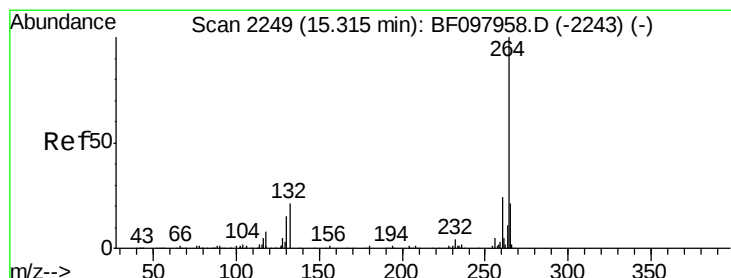
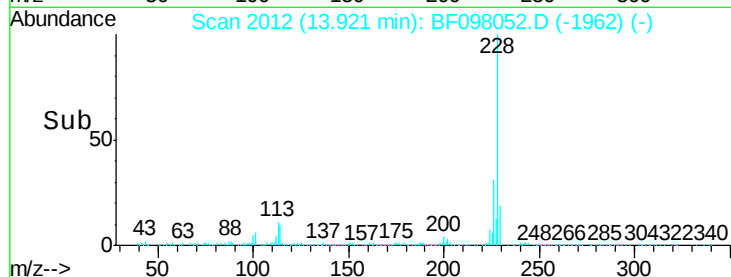
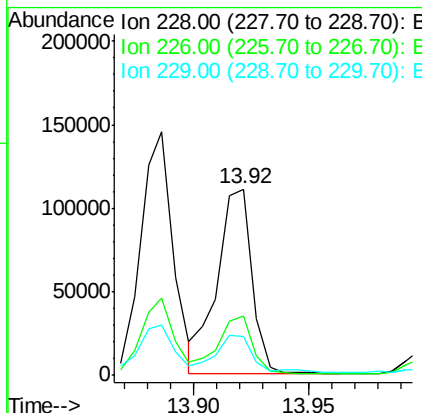
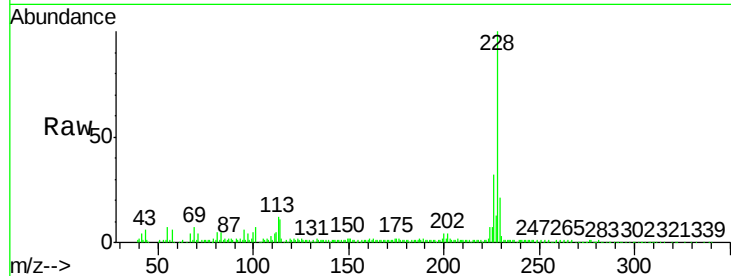
Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

Tot Ion:228	Resp:	116617
Ion	Ratio	Lower Upper
228	100	
226	31.5	24.9 37.3
229	20.7	15.8 23.6



#86

Perylene-d12

Concen: 20.00 ng

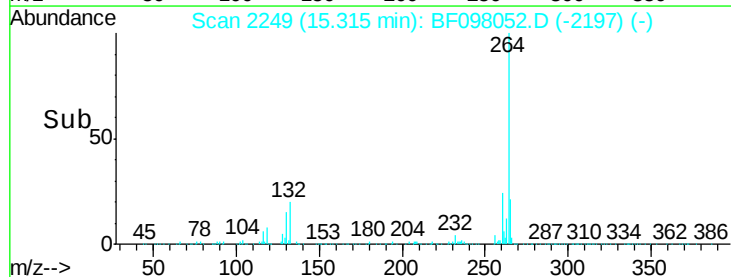
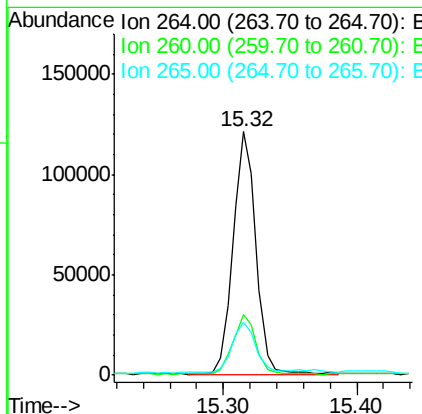
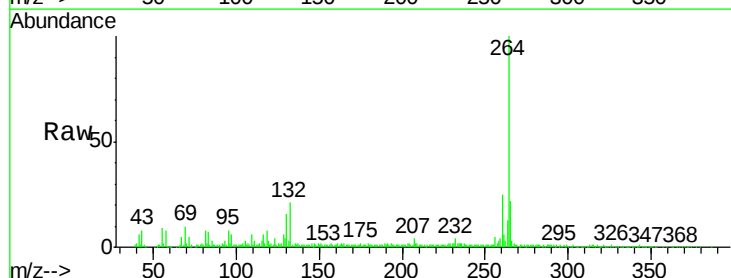
RT: 15.32 min Scan# 2249

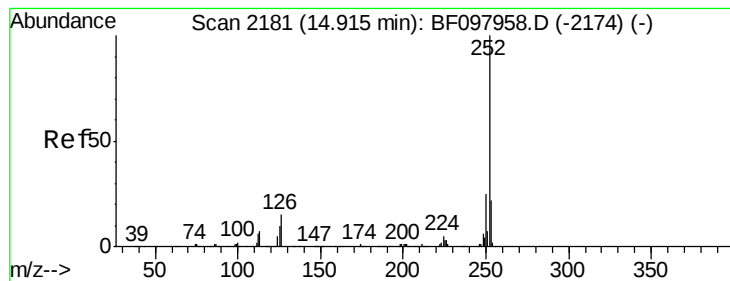
Delta R.T. 0.01 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Tgt Ion:264	Resp:	143799
Ion	Ratio	Lower Upper
264	100	
260	24.7	19.5 29.3
265	21.8	17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 15.65 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.00 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

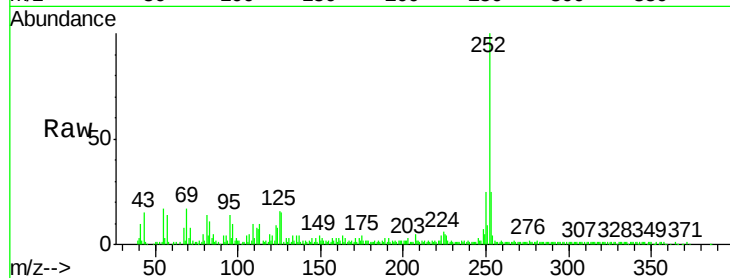
Tot Ion:252 Resp: 141867

Ion Ratio Lower Upper

252 100

253 24.8 18.1 27.1

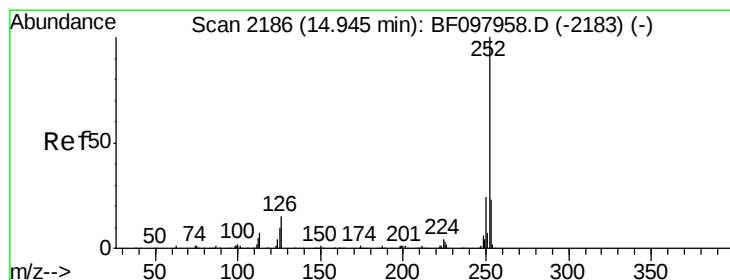
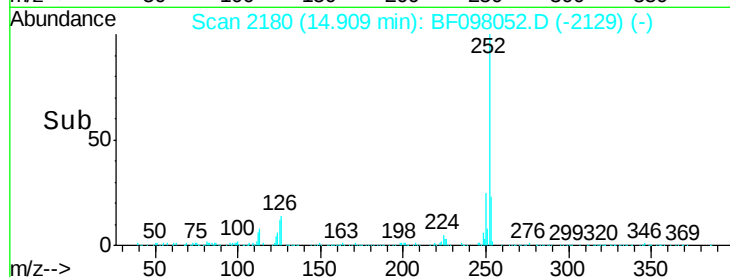
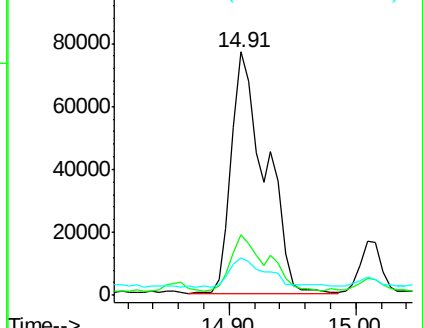
125 15.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 16.66 ng

RT: 14.91 min Scan# 2180

Delta R.T. -0.03 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

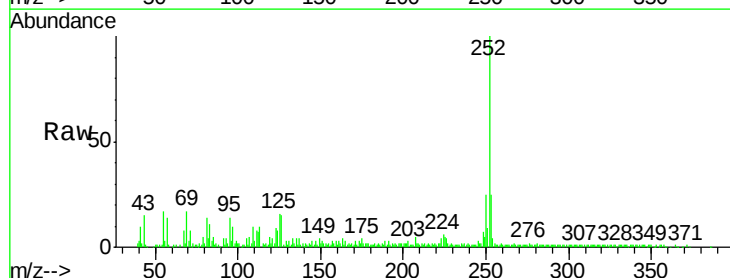
Tgt Ion:252 Resp: 141867

Ion Ratio Lower Upper

252 100

253 24.8 18.4 27.6

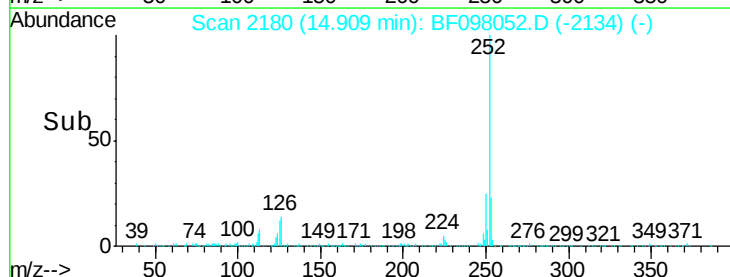
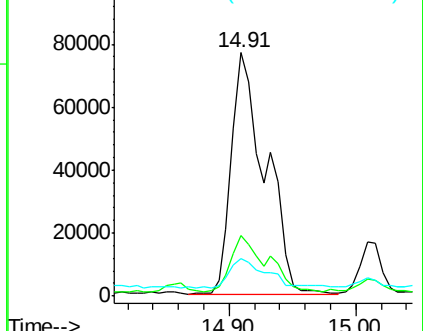
125 15.5 13.1 19.7

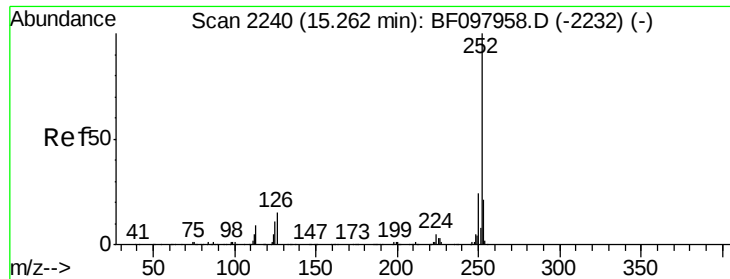


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 9.65 ng

RT: 15.26 min Scan# 2239

Delta R.T. -0.00 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

Instrument :

BNA_F

ClientSampleId :

TP-2-COMP

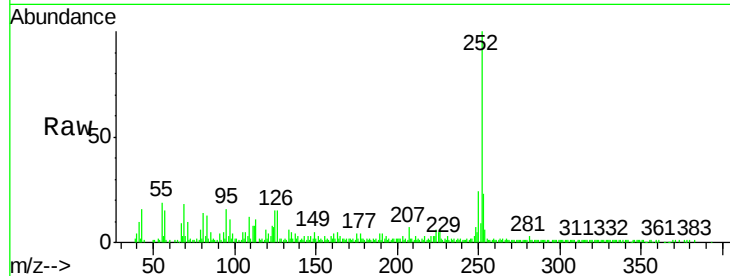
Tot Ion:252 Resp: 77402

Ion Ratio Lower Upper

252 100

253 23.2 17.5 26.3

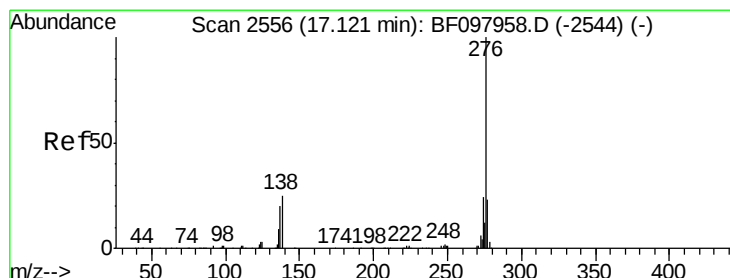
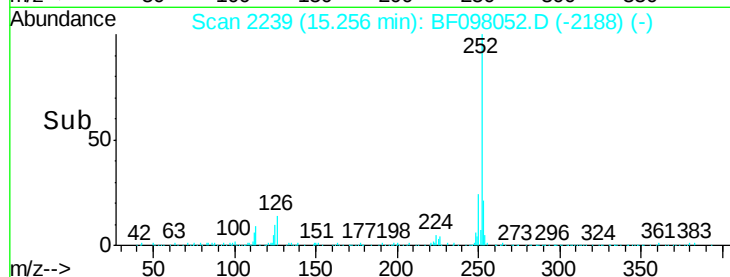
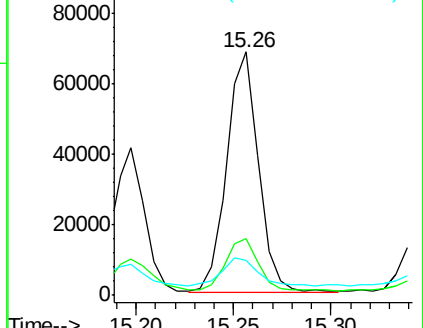
125 14.6 11.0 16.4



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



#91

Benzo(g,h,i)perylene

Concen: 4.63 ng

RT: 17.11 min Scan# 2554

Delta R.T. -0.00 min

Lab File: BF098052.D

Acq: 26 Aug 2017 1:27

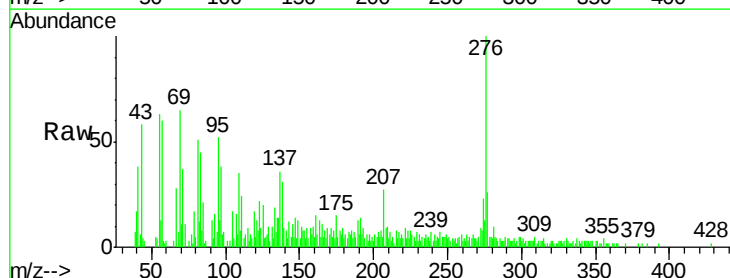
Tgt Ion:276 Resp: 31554

Ion Ratio Lower Upper

276 100

277 26.0 18.6 28.0

138 31.0 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

