

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097250.D
 Acq On : 2 Aug 2017 3:19
 Operator : SJ/JU
 Sample : I4456-12DL 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS-8DL

Quant Time: Aug 02 03:58:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

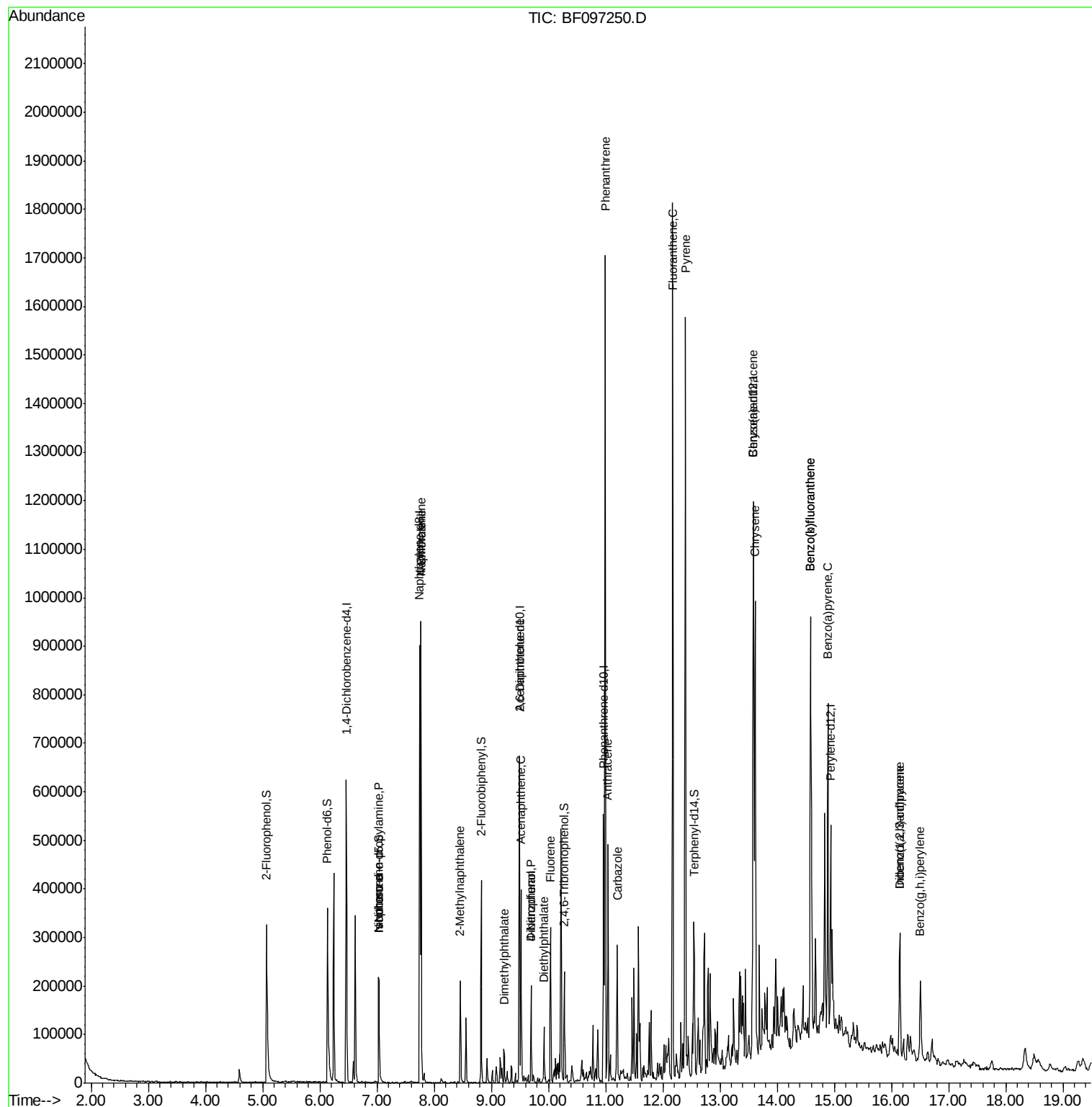
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	92690	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	376843	20.00	ng	-0.04
38) Acenaphthene-d10	9.49	164	128974	20.00	ng	-0.04
63) Phenanthrene-d10	10.96	188	190314	20.00	ng	-0.04
75) Chrysene-d12	13.59	240	194907	20.00	ng	-0.04
86) Perylene-d12	14.94	264	167568	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	138055	22.45	ng	-0.03
7) Phenol-d6	6.13	99	150387	21.42	ng	-0.04
23) Nitrobenzene-d5	7.03	82	80163	12.48	ng	-0.05
41) 2,4,6-Tribromophenol	10.28	330	18475	18.13	ng	-0.04
44) 2-Fluorobiphenyl	8.82	172	117505	15.46	ng	-0.05
78) Terphenyl-d14	12.55	244	79843	8.35	ng	-0.04
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.03	70	10381	2.25	ng	# 86
25) Isophorone	7.03	82	80163	6.37	ng	# 67
31) Naphthalene	7.77	128	387166	21.80	ng	99
33) 4-Chloroaniline	7.77	127	49264	6.82	ng	# 30
37) 2-Methylnaphthalene	8.46	142	58908	5.24	ng	98
49) Dimethylphthalate	9.22	163	27347	2.79	ng	99
50) 2,6-Dinitrotoluene	9.49	165	17771	8.56	ng	# 35
51) Acenaphthene	9.52	154	78188	10.67	ng	96
54) Dibenzofuran	9.70	168	76779	7.86	ng	99
55) 4-Nitrophenol	9.70	139	29294	19.10	ng	# 27
57) Fluorene	10.03	166	81345	11.09	ng	97
59) Diethylphthalate	9.92	149	35541	3.96	ng	96
70) Phenanthrene	10.99	178	622341	61.03	ng	99
71) Anthracene	11.04	178	175154	16.77	ng	98
72) Carbazole	11.20	167	106400	10.36	ng	99
74) Fluoranthene	12.17	202	707250	70.80	ng	99
77) Pyrene	12.40	202	623256	39.06	ng	98
80) Benzo(a)anthracene	13.58	228	390426	30.96	ng	99
82) Chrysene	13.62	228	329198	26.73	ng	97
85) Indeno(1,2,3-cd)pyrene	16.14	276	127052	12.03	ng	95
87) Benzo(b)fluoranthene	14.59	252	531911	52.81	ng	# 96
88) Benzo(k)fluoranthene	14.59	252	531911	55.42	ng	100
89) Benzo(a)pyrene	14.89	252	269158	29.20	ng	97
90) Dibenzo(a,h)anthracene	16.15	278	33571	4.44	ng	# 86
91) Benzo(g,h,i)perylene	16.50	276	109244	13.78	ng	99

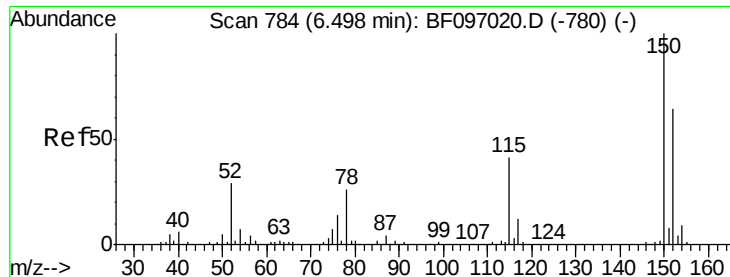
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.46 min Scan# 778

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

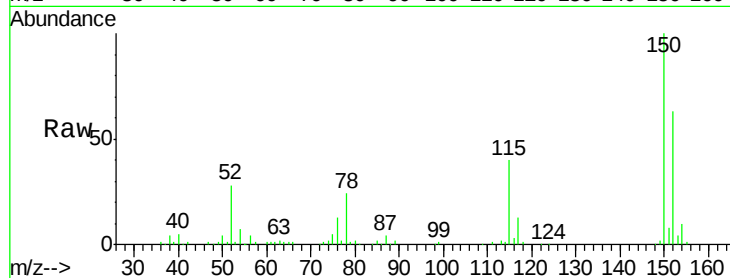
Tot Ion:152 Resp: 92690

Ion Ratio Lower Upper

152 100

150 159.4 126.2 189.2

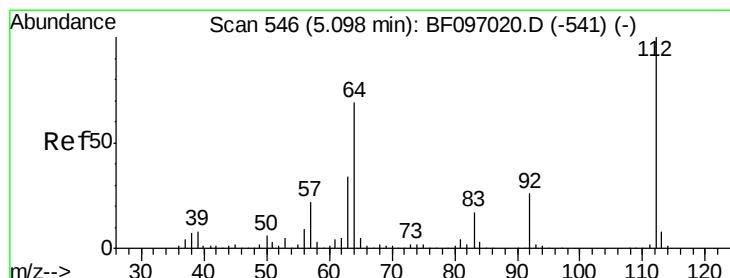
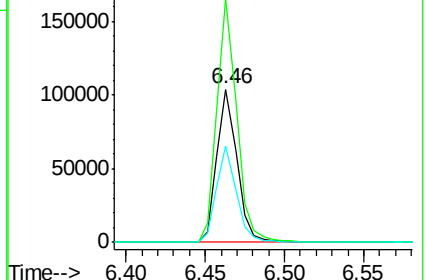
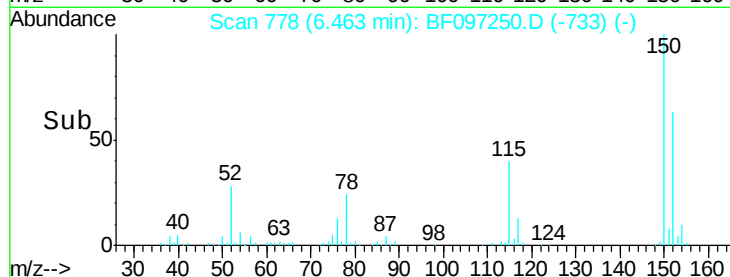
115 63.2 52.2 78.2



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: 22.45 ng

RT: 5.07 min Scan# 541

Delta R.T. -0.03 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

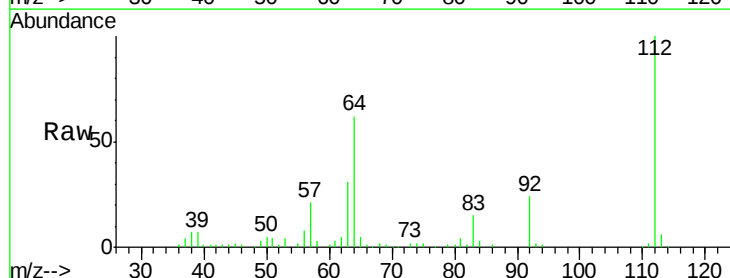
Tgt Ion:112 Resp: 138055

Ion Ratio Lower Upper

112 100

64 61.7 46.0 69.0

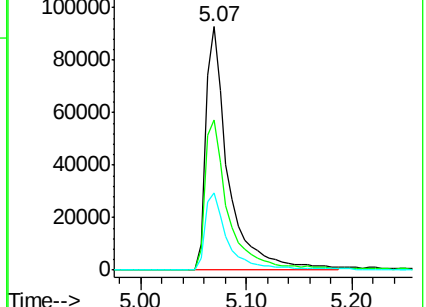
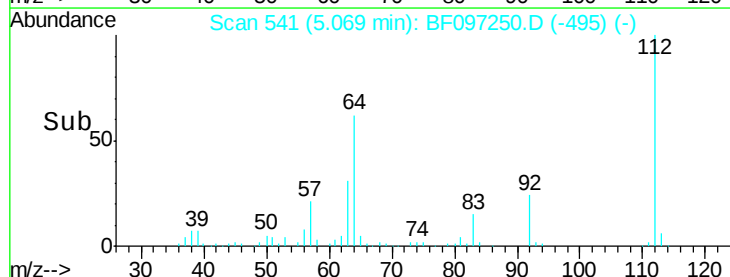
63 31.5 23.4 35.0

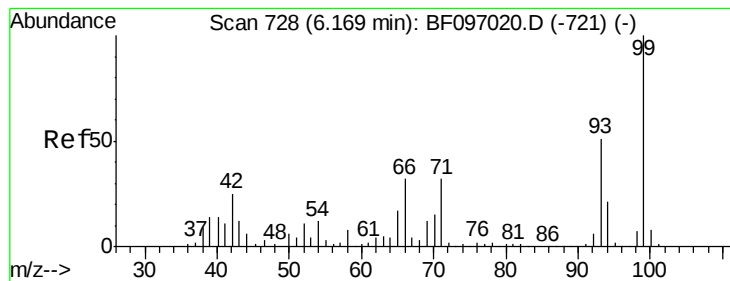


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 21.42 ng

RT: 6.13 min Scan# 722

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

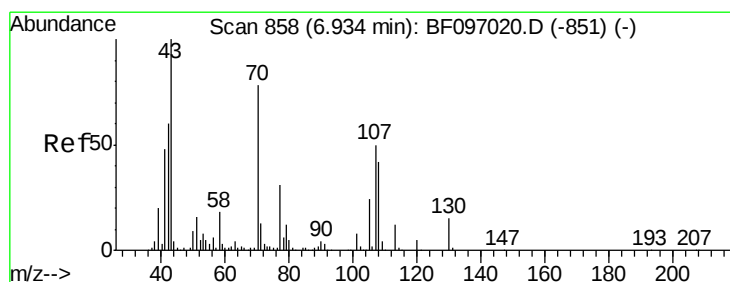
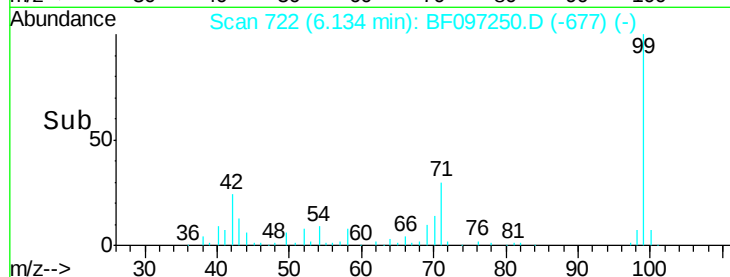
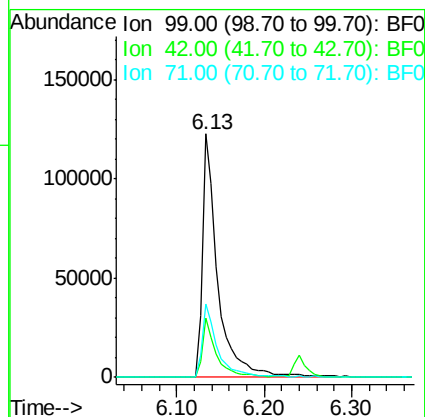
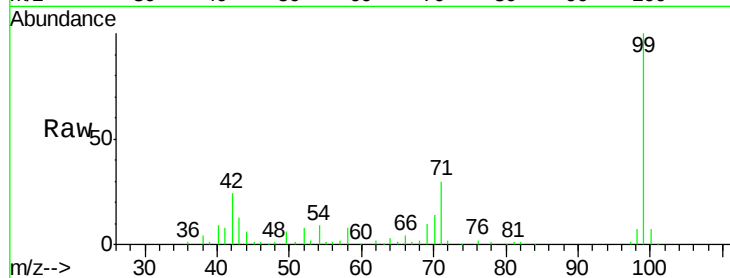
Tot Ion: 99 Resp: 150387

Ion Ratio Lower Upper

99 100

42 24.4 13.5 20.3#

71 30.1 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 2.25 ng

RT: 7.03 min Scan# 874

Delta R.T. 0.09 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Tgt Ion: 70 Resp: 10381

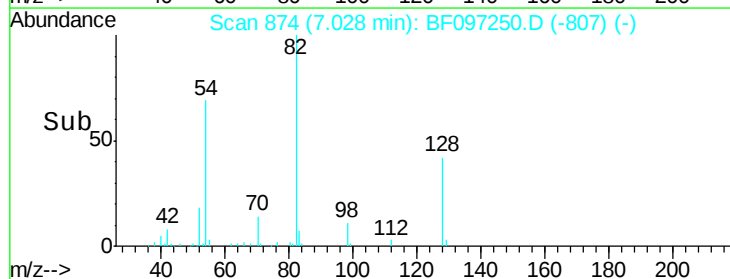
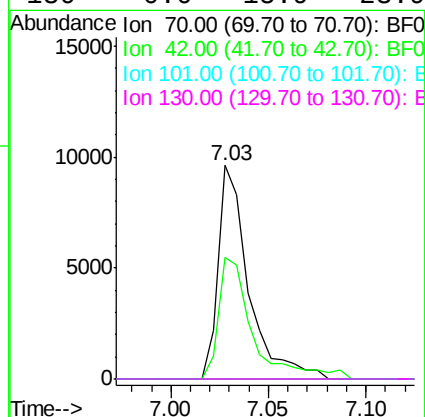
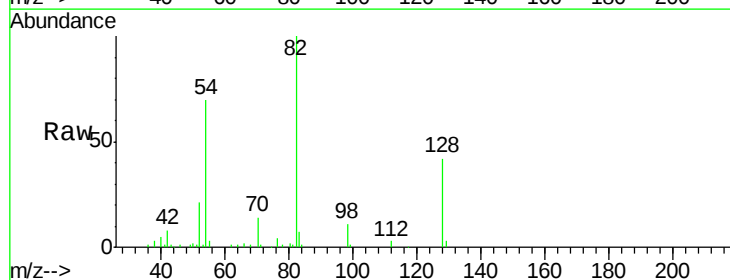
Ion Ratio Lower Upper

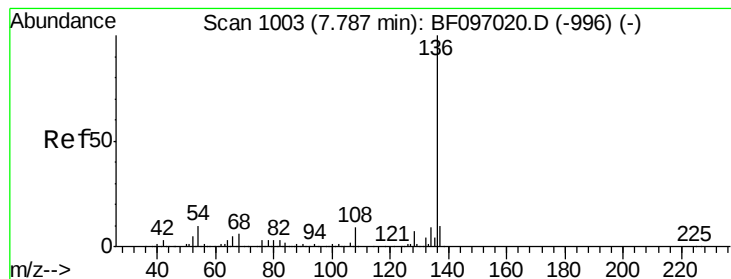
70 100

42 57.2 47.2 70.8

101 0.0 7.2 10.8#

130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

Tot Ion:136 Resp: 376843

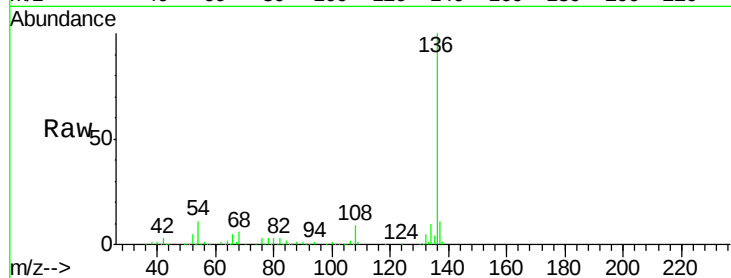
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.8 4.9 7.3#

68 5.9 4.1 6.1

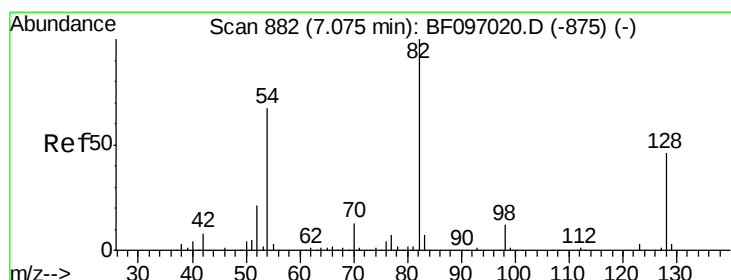
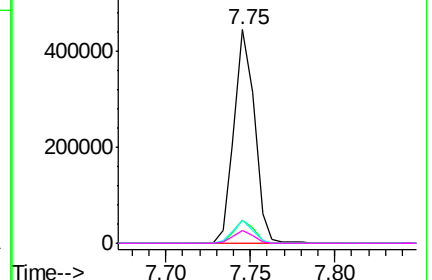
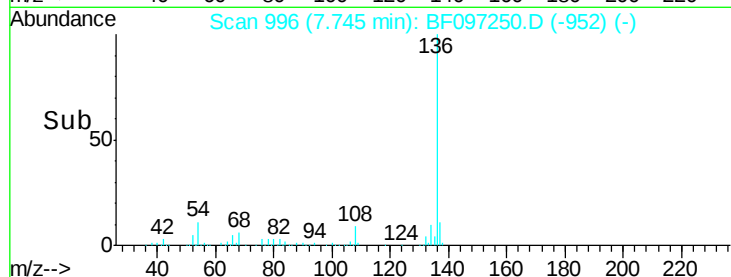


Abundance Ion 136.00 (135.70 to 136.70): E

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: 12.48 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.05 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

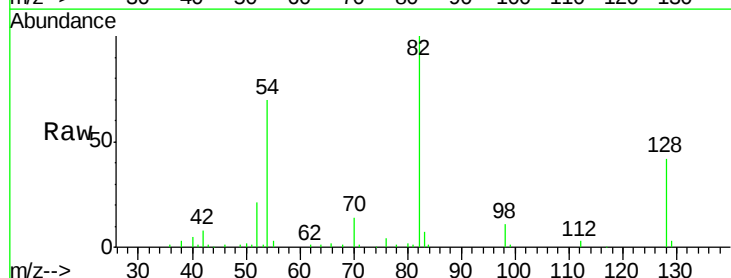
Tgt Ion: 82 Resp: 80163

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

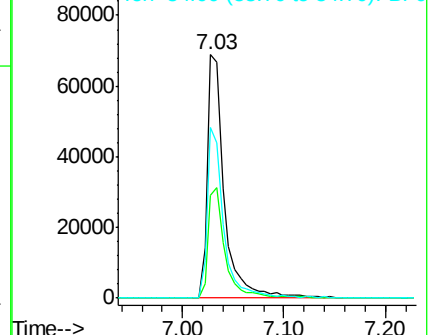
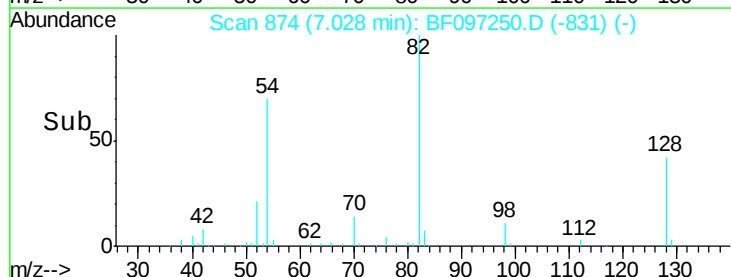
54 70.0 42.2 63.2#

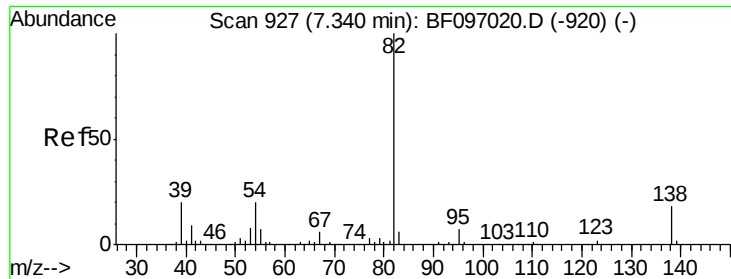


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 6.37 ng

RT: 7.03 min Scan# 874

Delta R.T. -0.31 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

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TP-17-SS-8DL

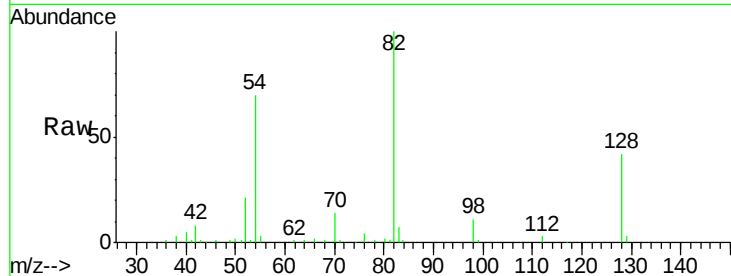
Tot Ion: 82 Resp: 80163

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

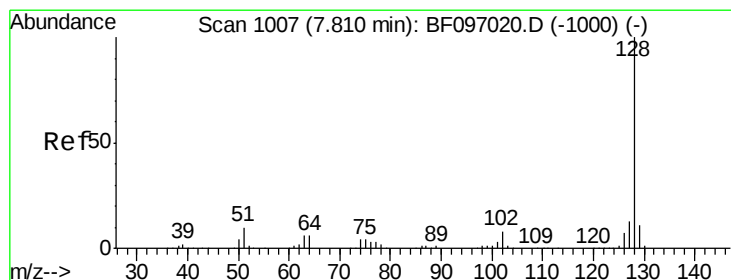
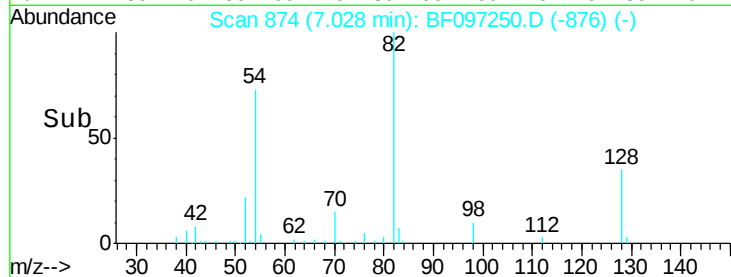
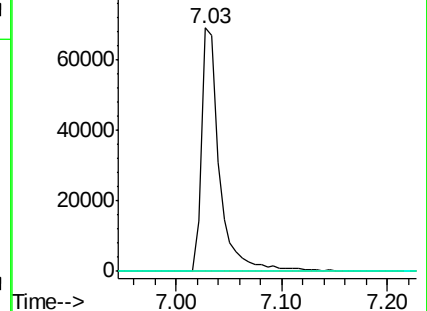
138 0.0 13.1 19.7#



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): BF0



#31

Naphthalene

Concen: 21.80 ng

RT: 7.77 min Scan# 1000

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

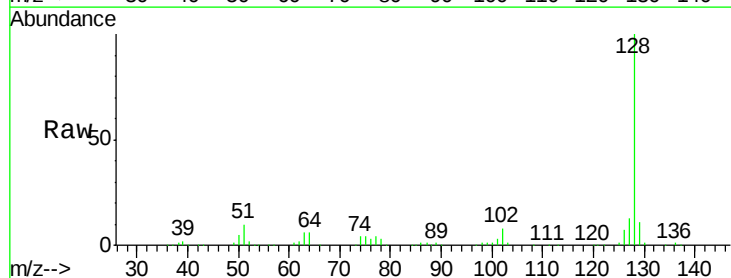
Tgt Ion: 128 Resp: 387166

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

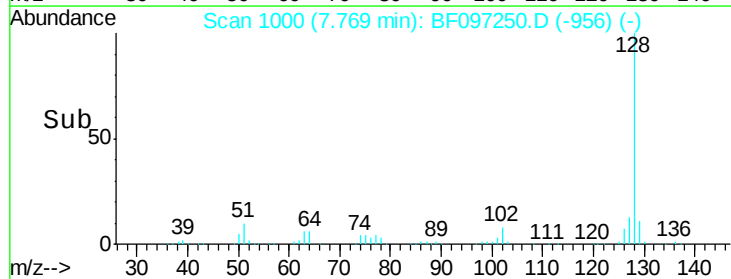
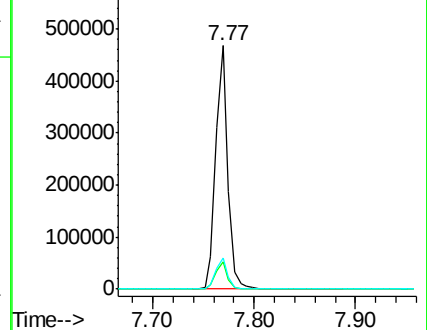
127 12.7 10.8 16.2

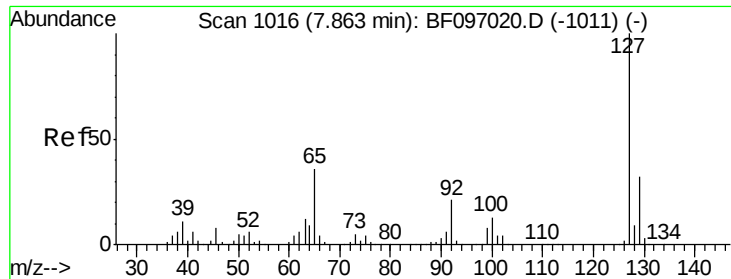


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

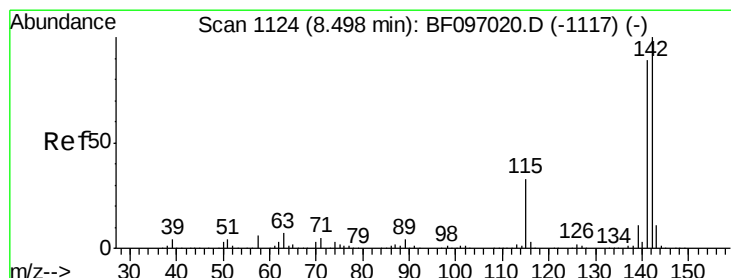
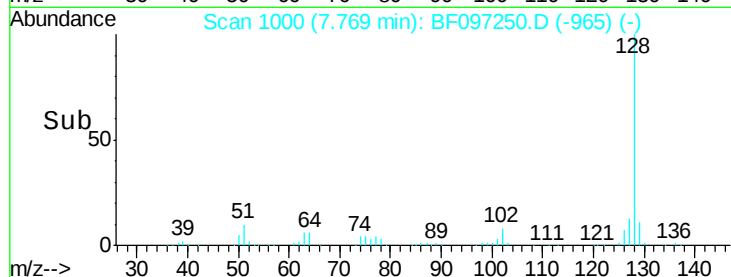
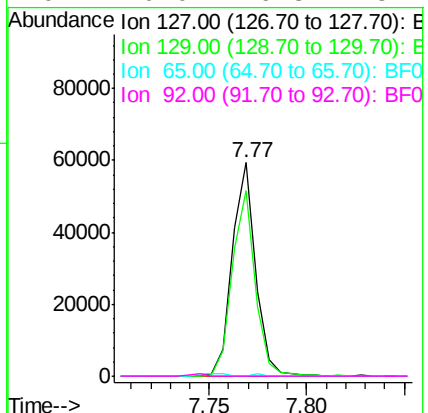
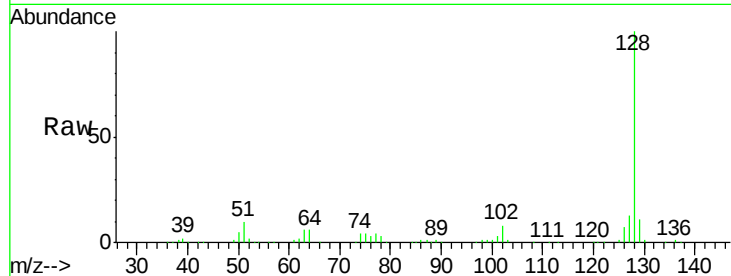




#33
4-Chloroaniline
Concen: 6.82 ng
RT: 7.77 min Scan# 1000
Delta R.T. -0.09 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

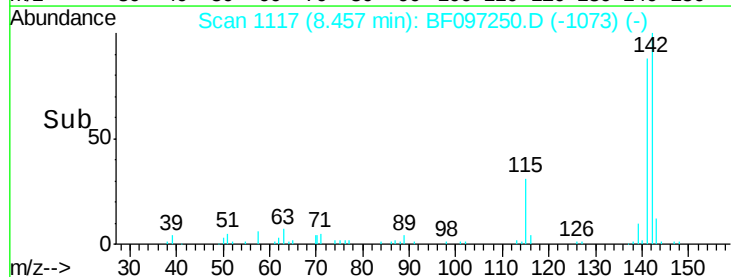
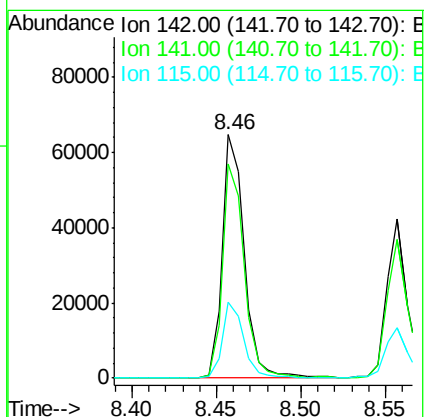
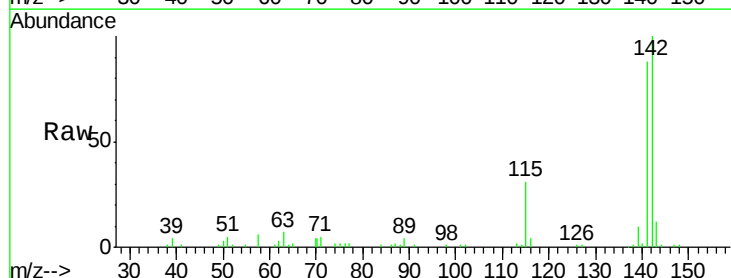
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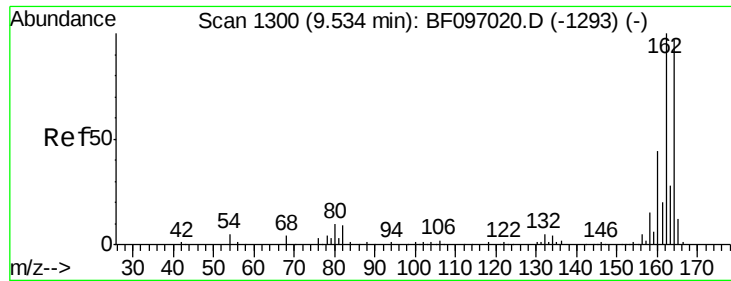
Tot Ion:127 Resp: 49264
Ion Ratio Lower Upper
127 100
129 86.7 26.2 39.2#
65 0.0 27.8 41.8#
92 0.0 16.8 25.2#



#37
2-Methylnaphthalene
Concen: 5.24 ng
RT: 8.46 min Scan# 1117
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion:142 Resp: 58908
Ion Ratio Lower Upper
142 100
141 88.1 71.3 106.9
115 31.1 27.1 40.7

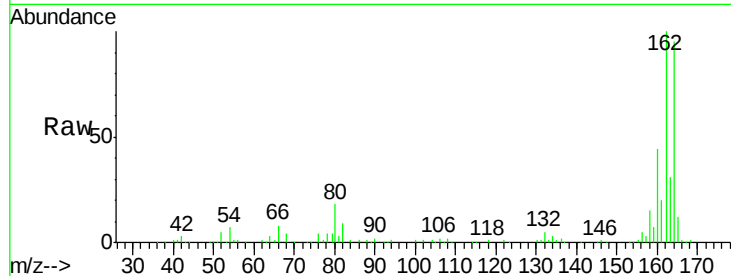




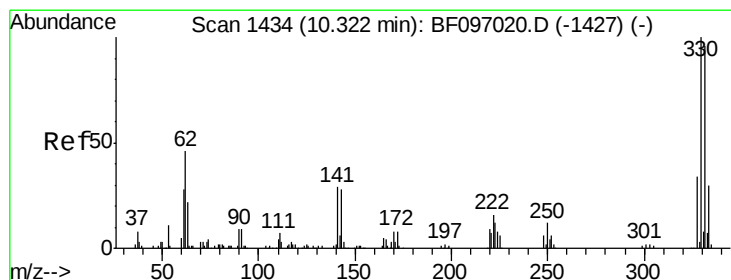
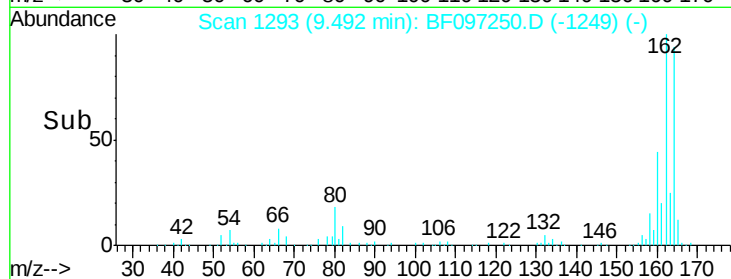
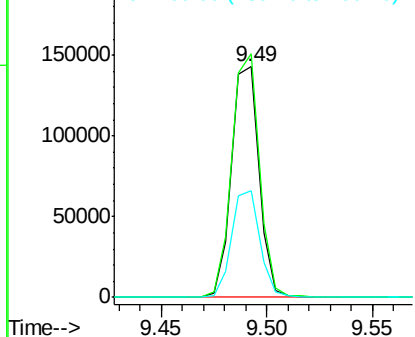
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.49 min Scan# 1293
 Delta R.T. -0.04 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS-8DL

Tot Ion:164 Resp: 128974
 Ion Ratio Lower Upper
 164 100
 162 105.6 82.6 123.8
 160 46.4 36.2 54.2

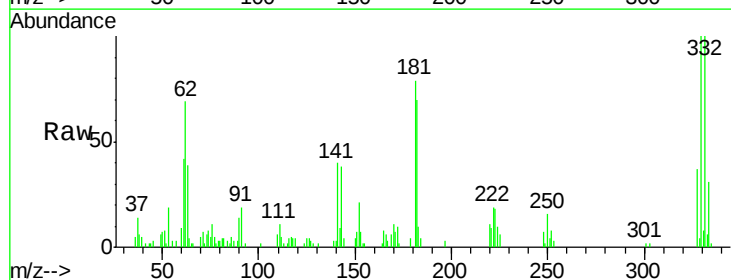


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

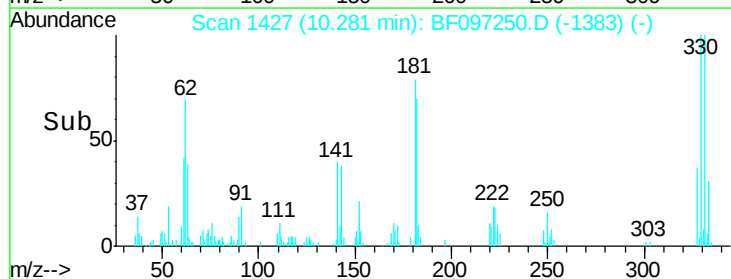
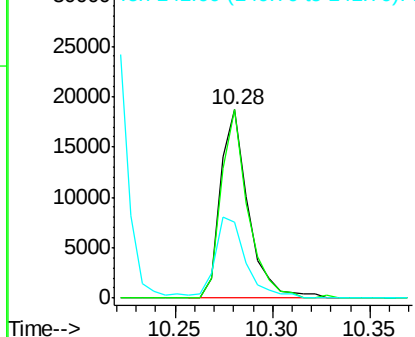


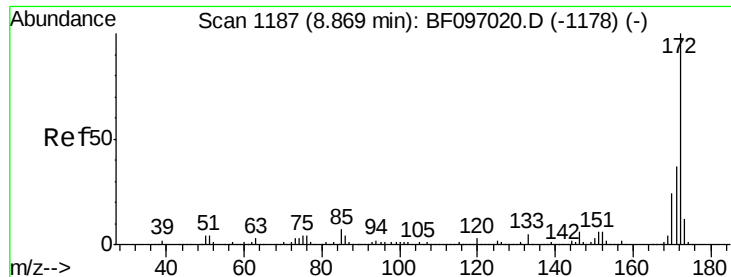
#41
 2,4,6-Tribromophenol
 Concen: 18.13 ng
 RT: 10.28 min Scan# 1427
 Delta R.T. -0.04 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

Tgt Ion:330 Resp: 18475
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 47.3 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

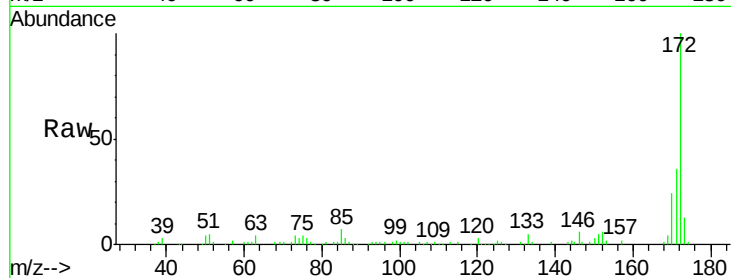




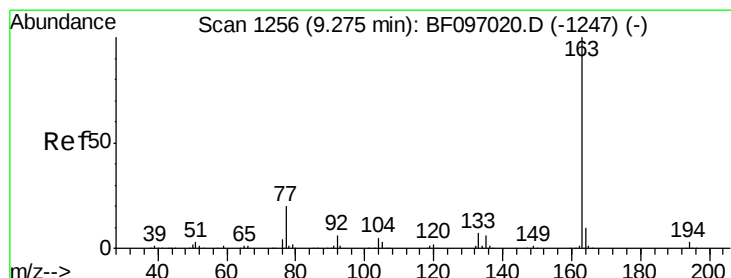
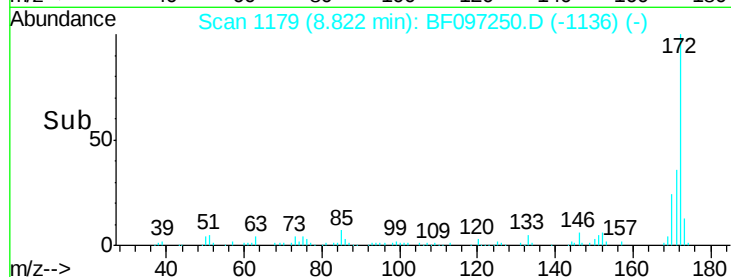
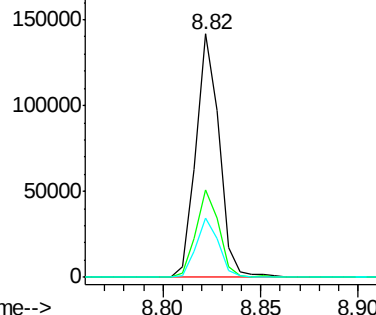
#44
2-Fluorobiphenyl
Concen: 15.46 ng
RT: 8.82 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

Tot Ion:172 Resp: 117505
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.3 19.8 29.8

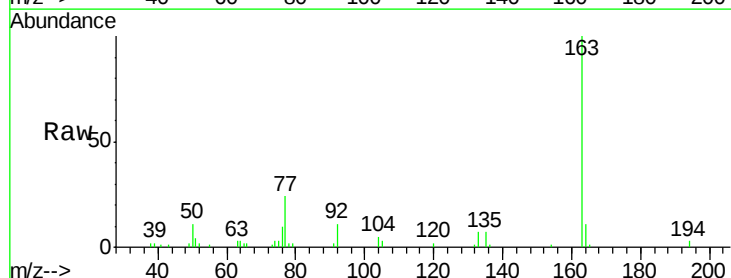


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

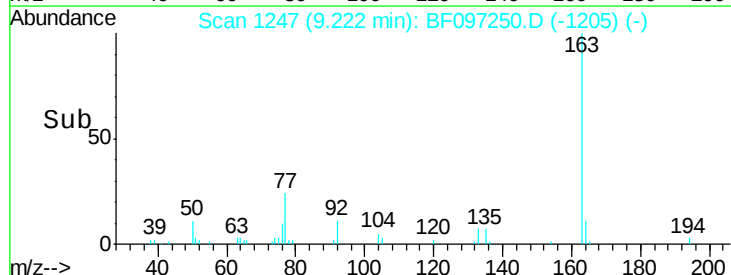
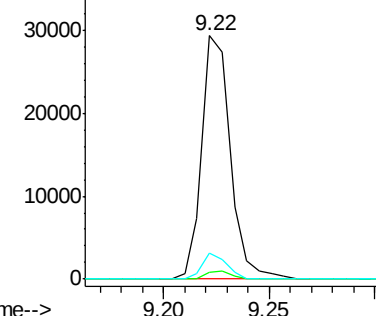


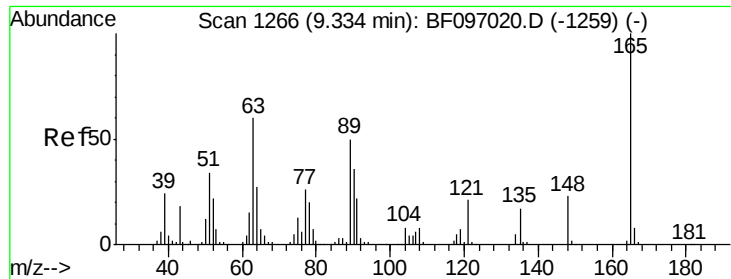
#49
Dimethylphthalate
Concen: 2.79 ng
RT: 9.22 min Scan# 1247
Delta R.T. -0.05 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion:163 Resp: 27347
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 10.8 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

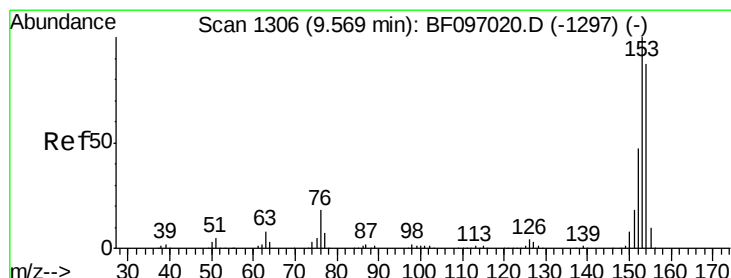
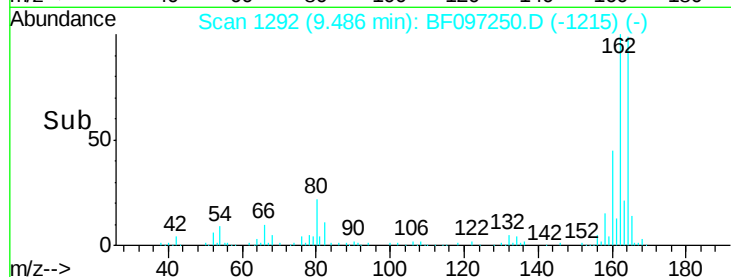
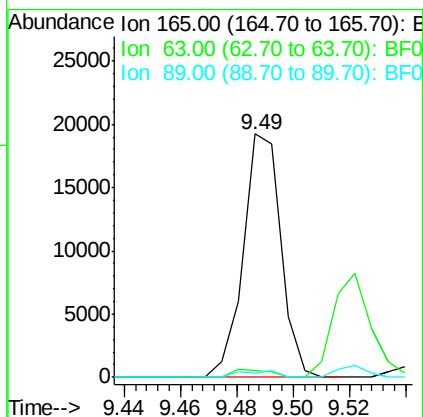
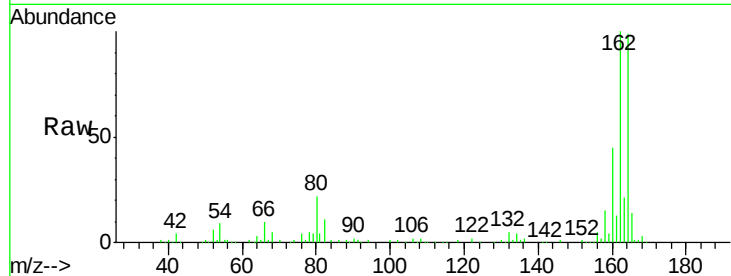




#50
2,6-Dinitrotoluene
Concen: 8.56 ng
RT: 9.49 min Scan# 1292
Delta R.T. 0.15 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

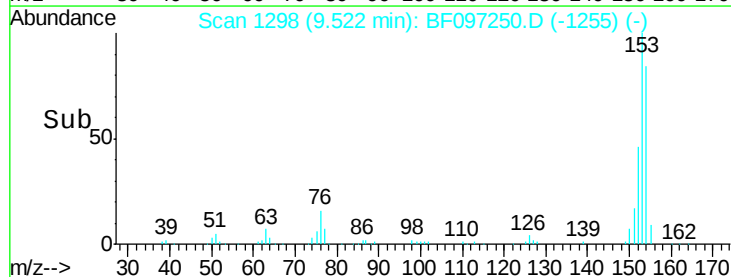
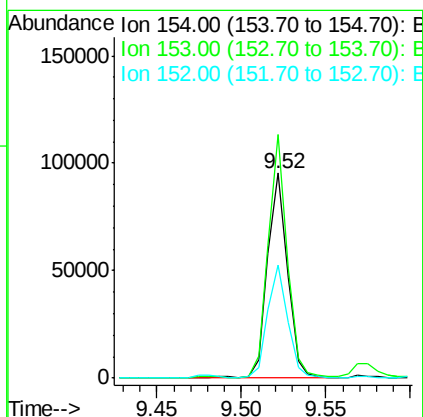
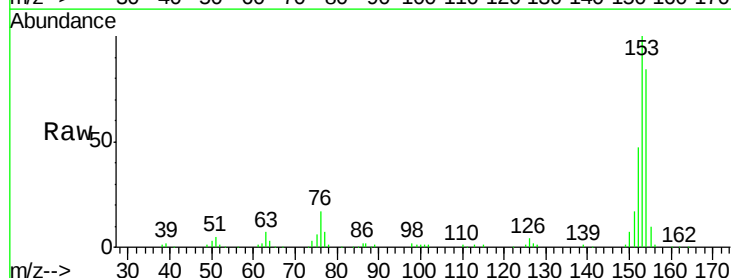
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

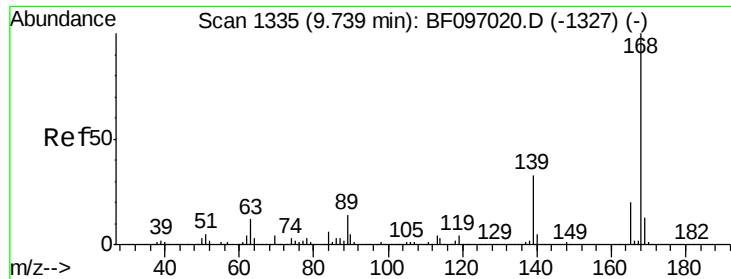
Tot Ion:165 Resp: 17771
Ion Ratio Lower Upper
165 100
63 2.6 34.3 51.5#
89 1.9 37.1 55.7#



#51
Acenaphthene
Concen: 10.67 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.05 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion:154 Resp: 78188
Ion Ratio Lower Upper
154 100
153 118.9 90.5 135.7
152 55.4 43.6 65.4

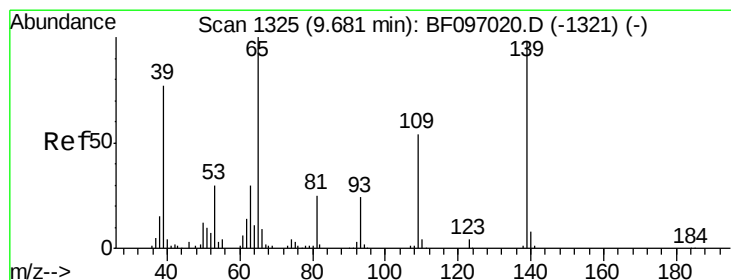
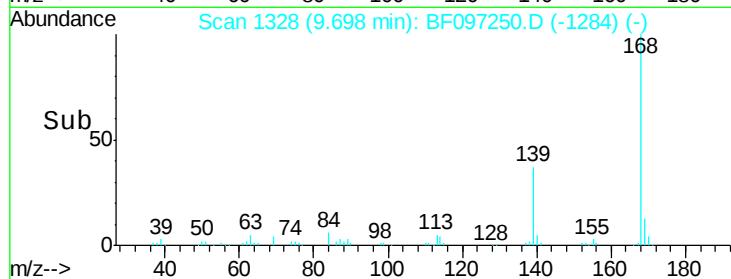
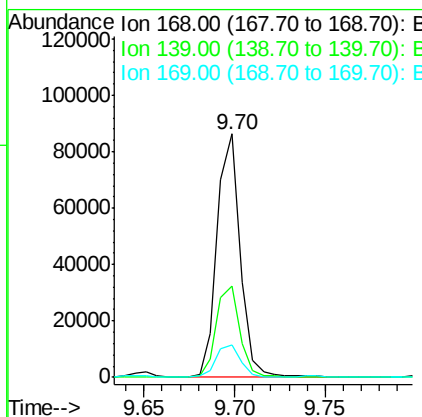
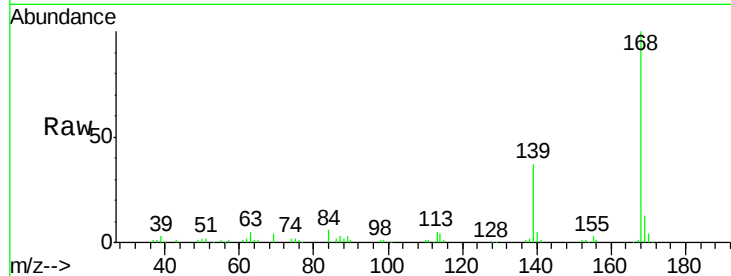




#54
Dibenzofuran
Concen: 7.86 ng
RT: 9.70 min Scan# 1328
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

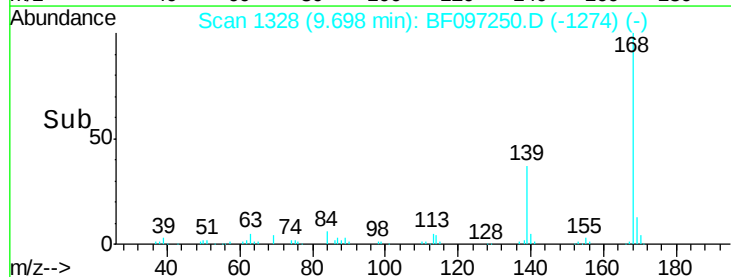
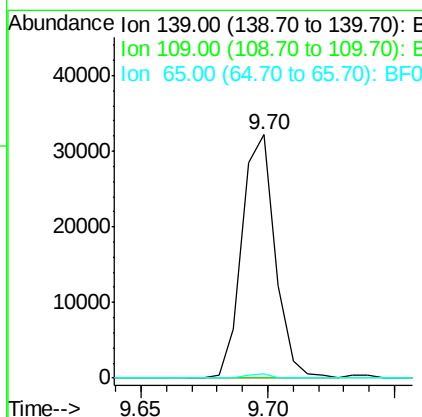
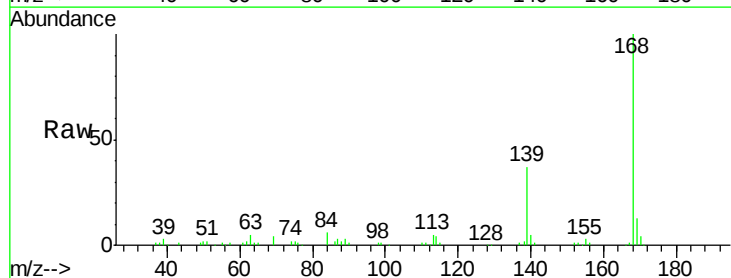
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

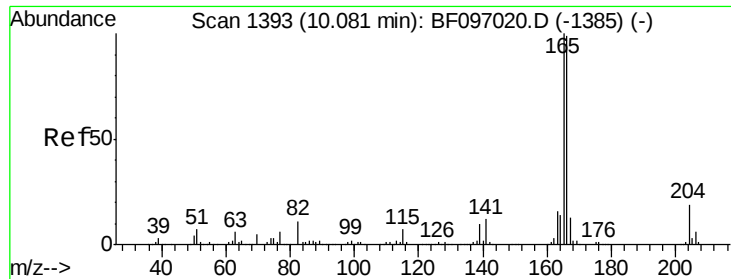
Tot Ion	Ion	Ratio	Lower	Upper
168	100			
139	37.3	30.6	45.8	
169	13.4	10.8	16.2	



#55
4-Nitrophenol
Concen: 19.10 ng
RT: 9.70 min Scan# 1328
Delta R.T. 0.02 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion	Ion	Ratio	Lower	Upper
139	100			
109	0.0	34.1	74.1#	
65	1.8	31.4	71.4#	





#57

Fluorene

Concen: 11.09 ng

RT: 10.03 min Scan# 1385

Delta R.T. -0.05 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

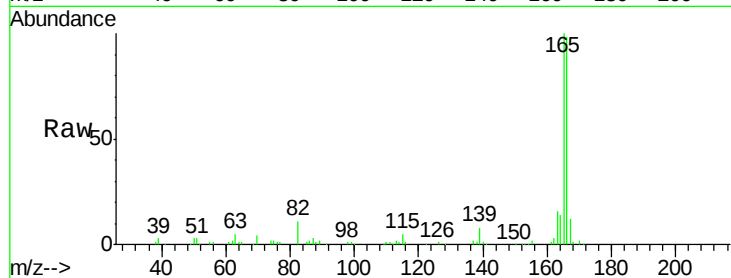
Tot Ion:166 Resp: 81345

Ion Ratio Lower Upper

166 100

165 102.1 78.8 118.2

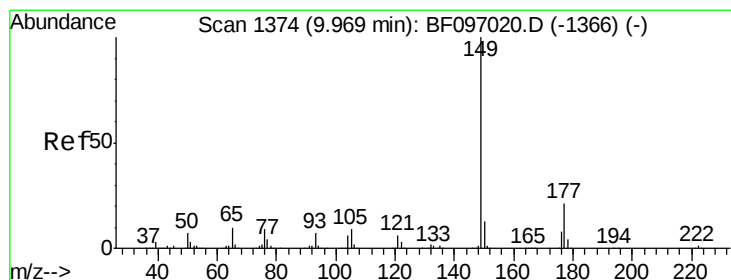
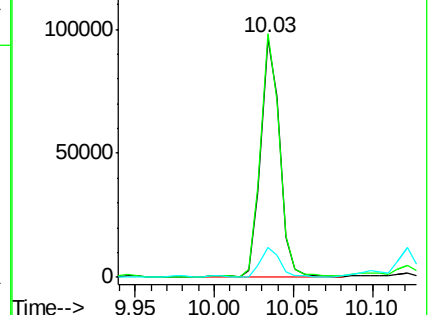
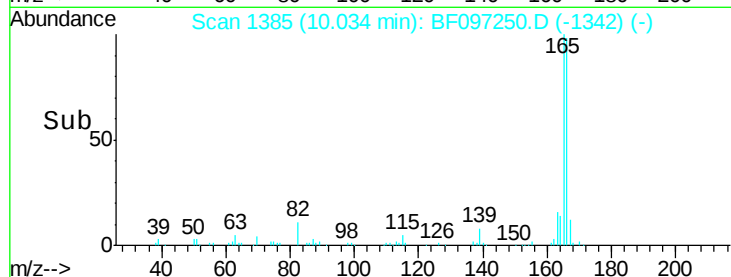
167 12.4 10.6 16.0



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



#59

Diethylphthalate

Concen: 3.96 ng

RT: 9.92 min Scan# 1366

Delta R.T. -0.05 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

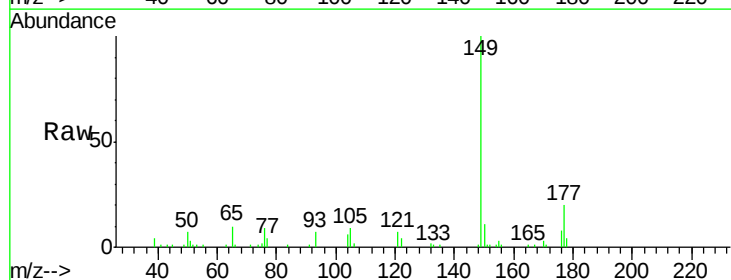
Tgt Ion:149 Resp: 35541

Ion Ratio Lower Upper

149 100

177 19.7 16.7 25.1

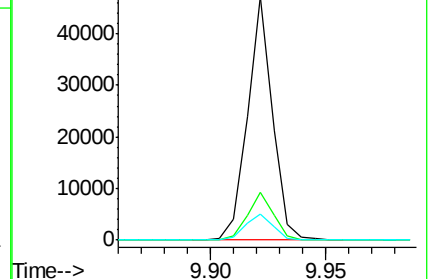
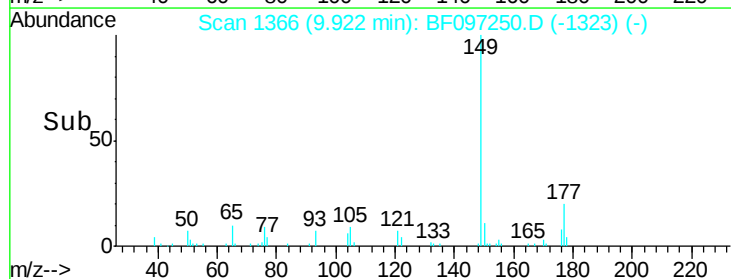
150 10.6 10.2 15.2

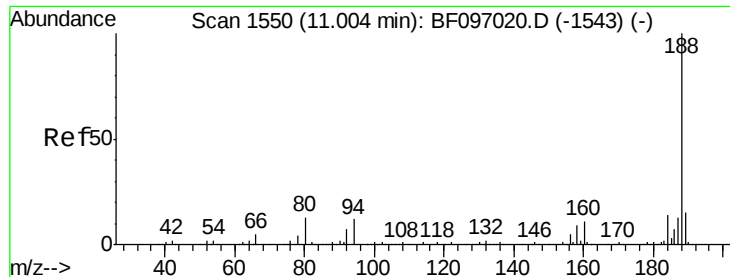


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

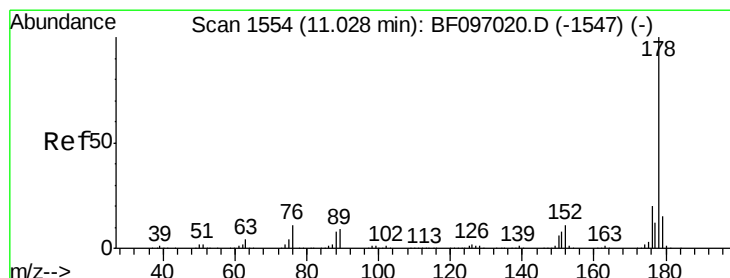
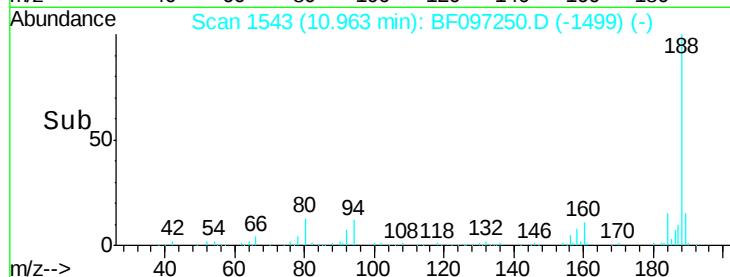
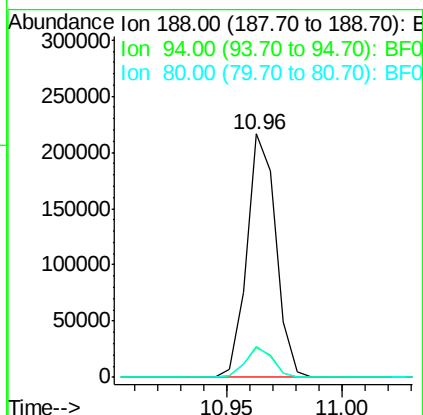
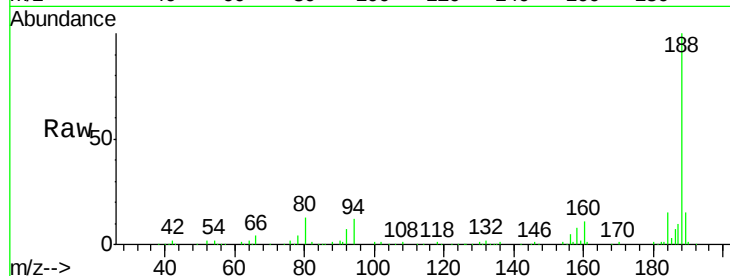




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

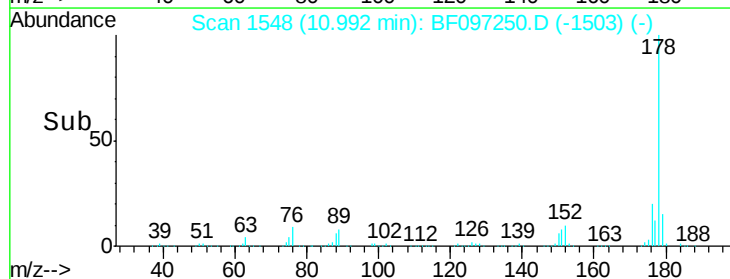
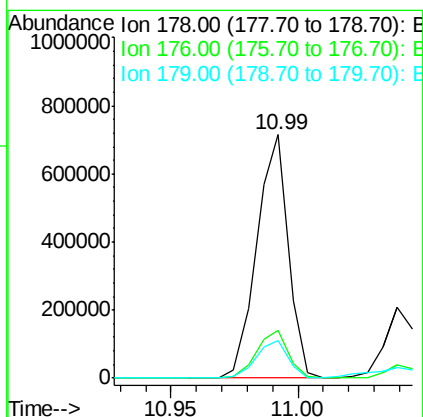
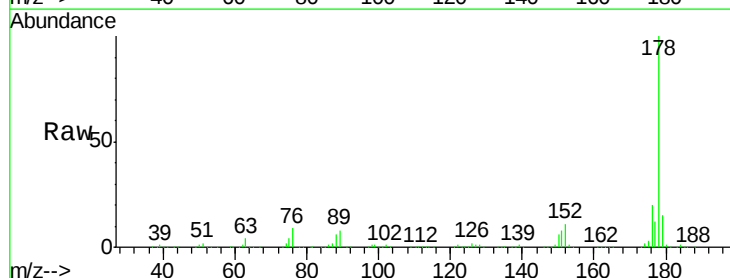
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

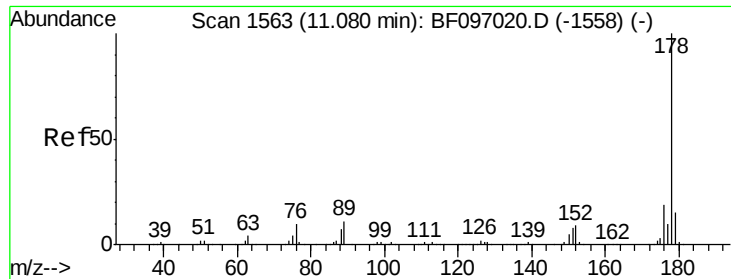
Tot Ion	Ratio	Lower	Upper
188	100		
94	12.2	9.4	14.2
80	12.8	10.2	15.2



#70
Phenanthrene
Concen: 61.03 ng
RT: 10.99 min Scan# 1548
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	15.2	12.6	19.0

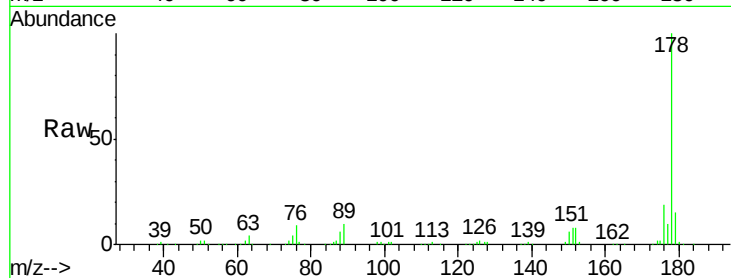




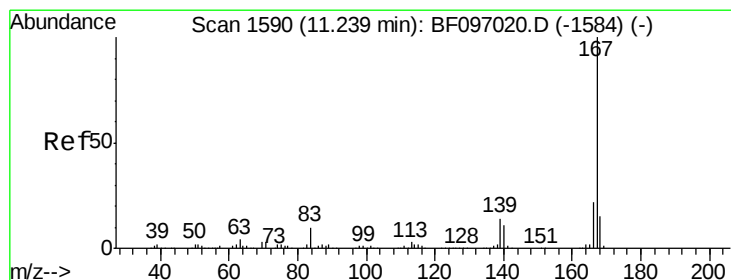
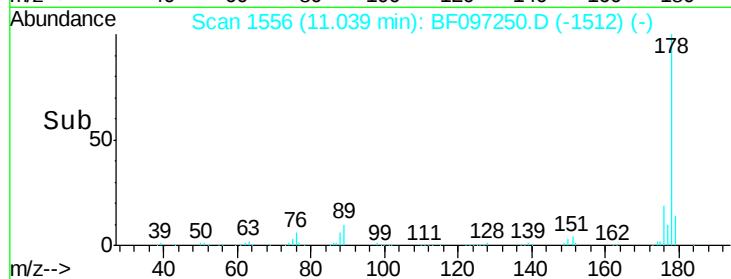
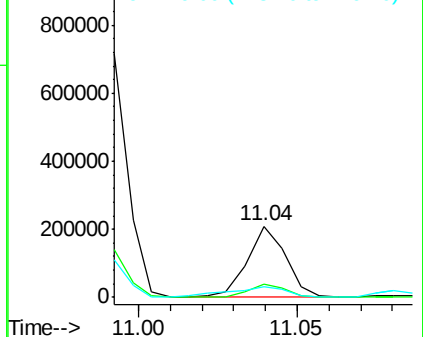
#71
 Anthracene
 Concen: 16.77 ng
 RT: 11.04 min Scan# 1556
 Delta R.T. -0.04 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS-8DL

Tot Ion:178 Resp: 175154
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.8 23.8
 179 14.6 12.7 19.1

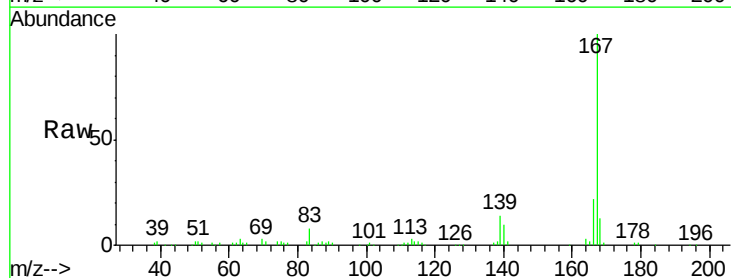


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

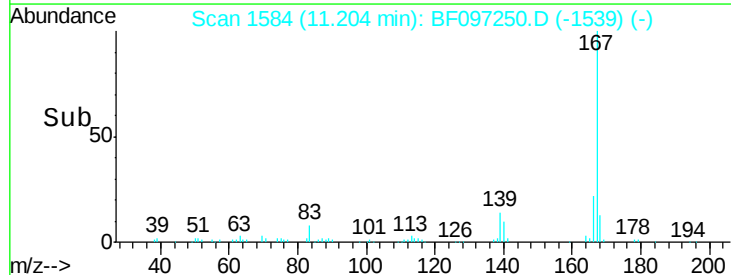
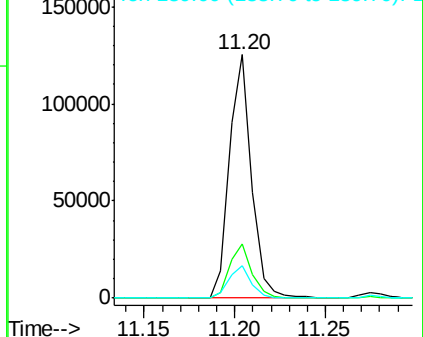


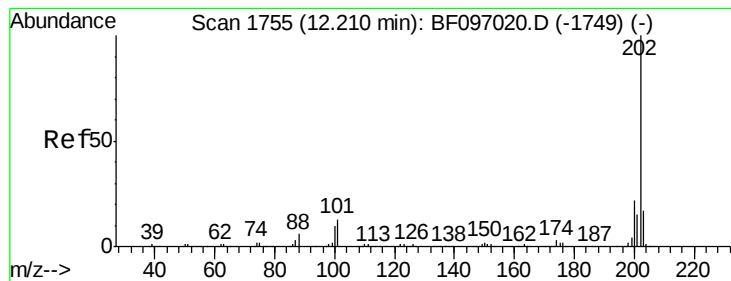
#72
 Carbazole
 Concen: 10.36 ng
 RT: 11.20 min Scan# 1584
 Delta R.T. -0.04 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

Tgt Ion:167 Resp: 106400
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 13.6 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: 70.80 ng

RT: 12.17 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

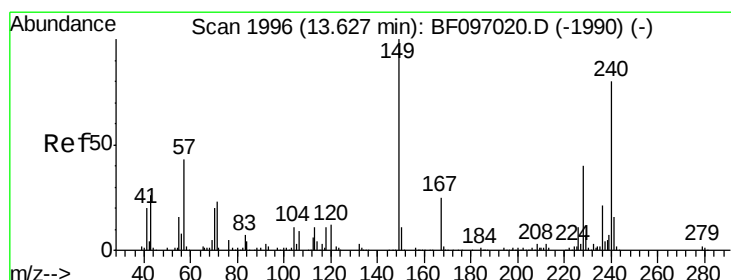
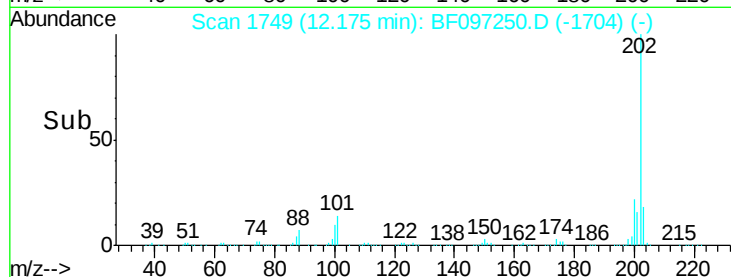
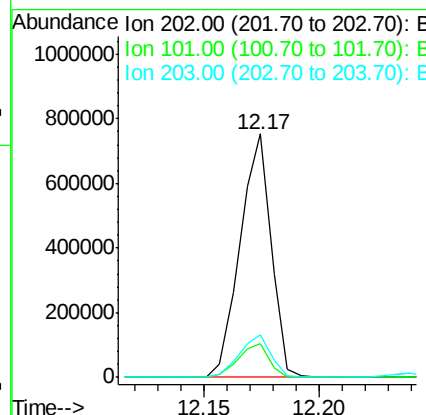
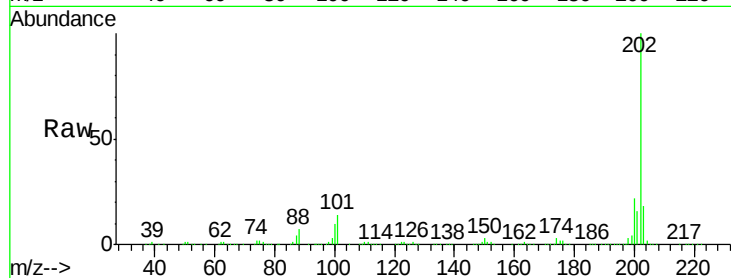
Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

Tot Ion:	202	Resp:	707250
Ion Ratio	Lower	Upper	
202	100		
101	13.9	0.0	33.2
203	17.8	0.0	38.1



#75

Chrysene-d12

Concen: 20.00 ng

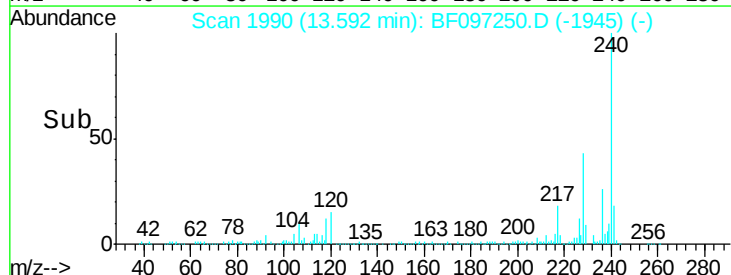
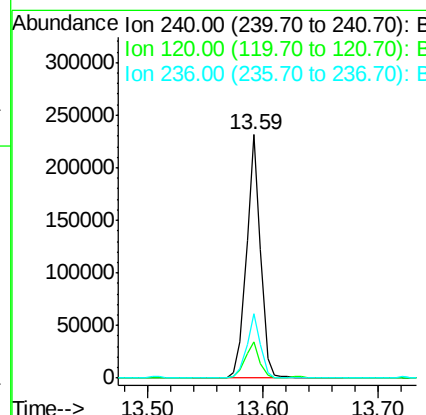
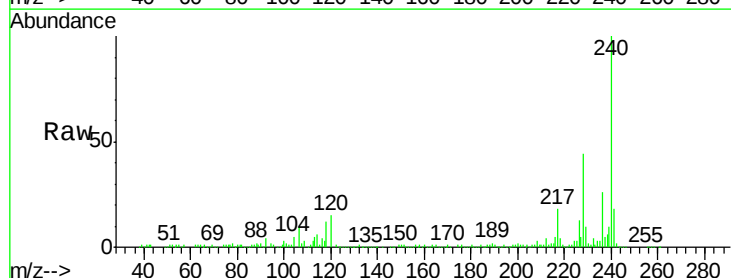
RT: 13.59 min Scan# 1990

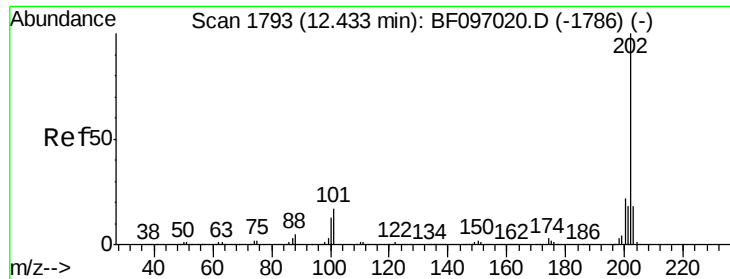
Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Tgt Ion:	240	Resp:	194907
Ion Ratio	Lower	Upper	
240	100		
120	14.8	5.8	8.8#
236	26.4	20.5	30.7

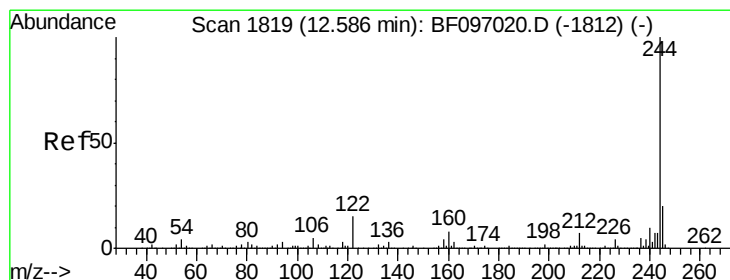
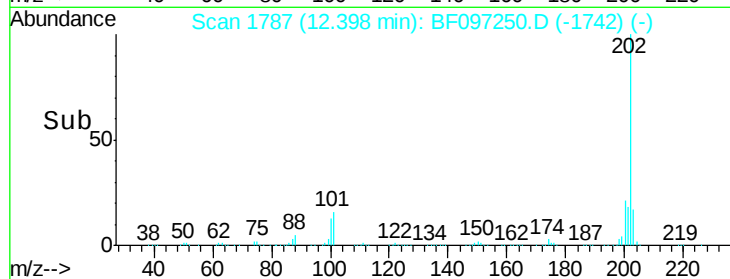
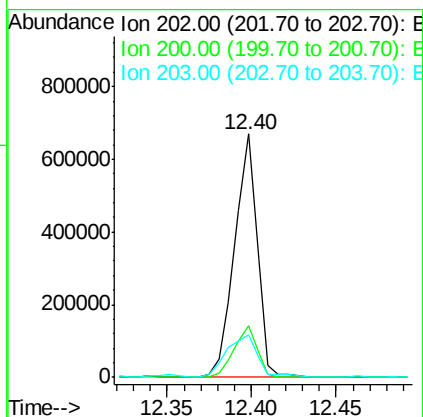
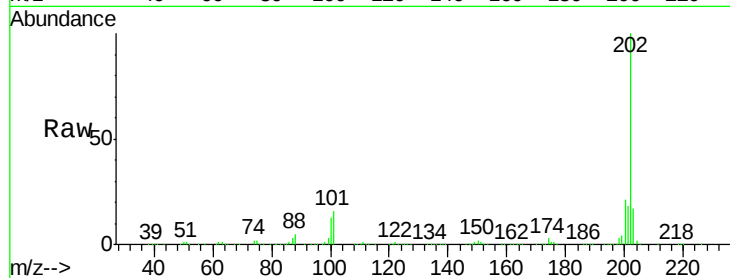




#77
Pvrene
Concen: 39.06 ng
RT: 12.40 min Scan# 1787
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

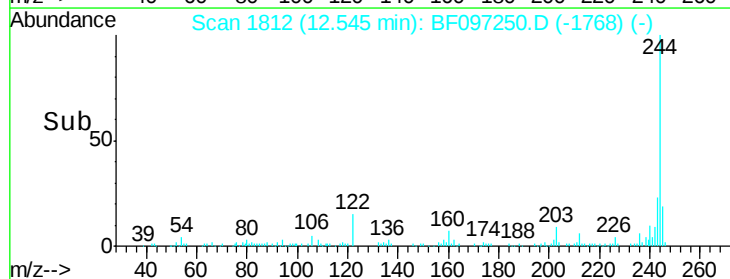
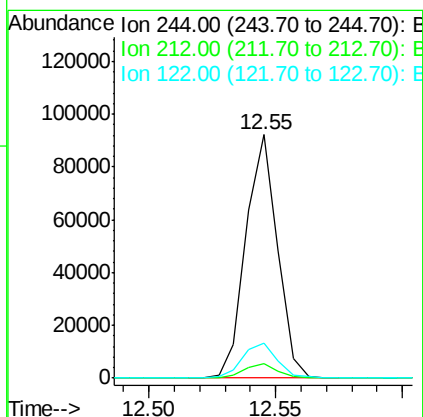
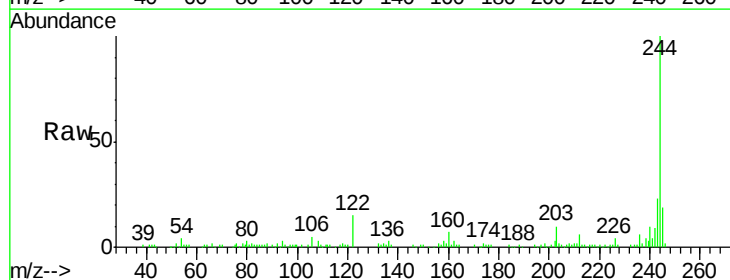
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

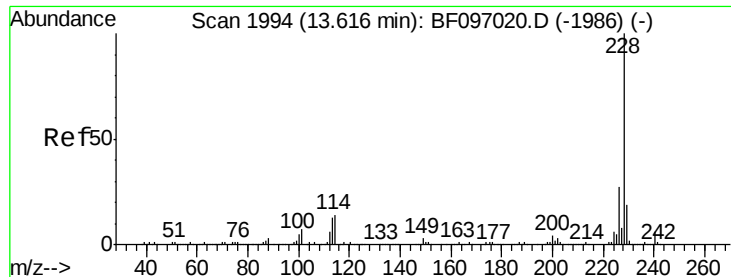
Tot Ion:202 Resp: 623256
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 8.35 ng
RT: 12.55 min Scan# 1812
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion:244 Resp: 79843
Ion Ratio Lower Upper
244 100
212 6.2 6.0 9.0
122 14.5 10.3 15.5





#80

Benzo(a)anthracene

Concen: 30.96 ng

RT: 13.58 min Scan# 1988

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

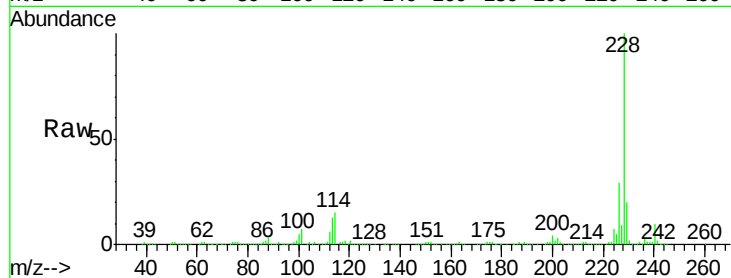
Tot Ion:228 Resp: 390426

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

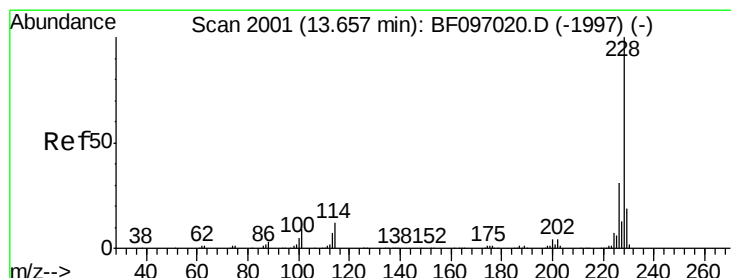
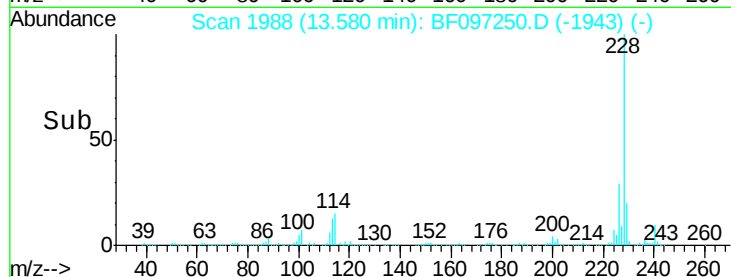
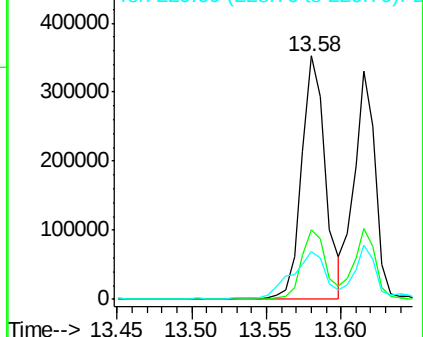
229 19.9 16.3 24.5



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: 26.73 ng

RT: 13.62 min Scan# 1994

Delta R.T. -0.04 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

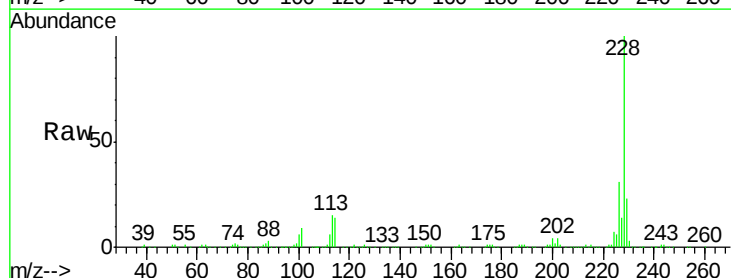
Tgt Ion:228 Resp: 329198

Ion Ratio Lower Upper

228 100

226 31.0 24.9 37.3

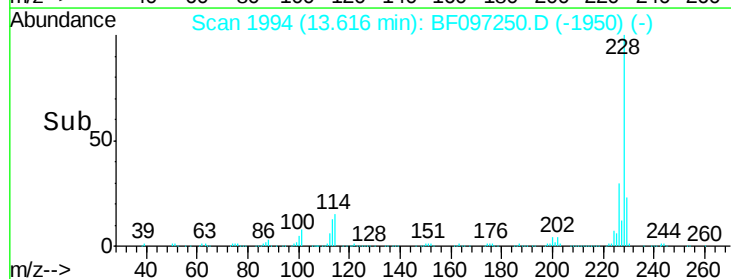
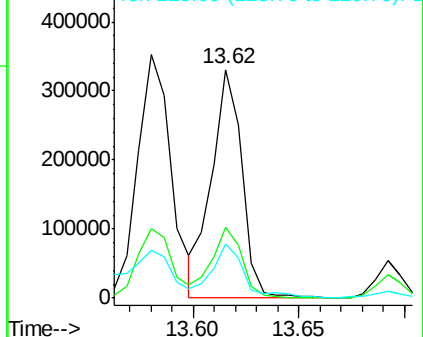
229 23.5 15.8 23.6

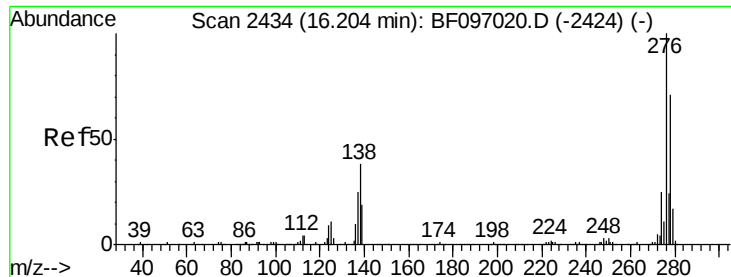


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

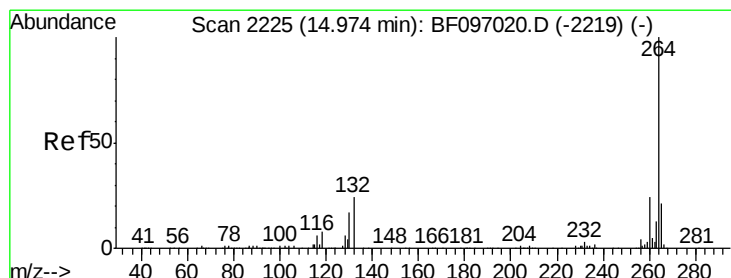
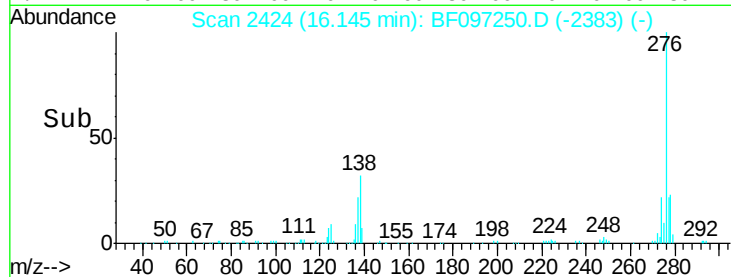
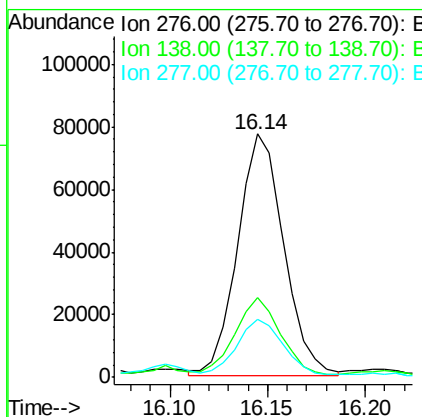
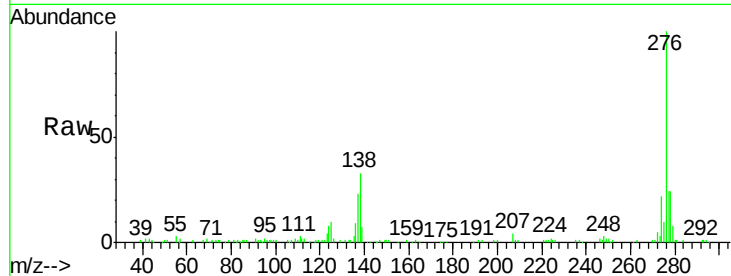




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 12.03 ng
 RT: 16.14 min Scan# 2424
 Delta R.T. -0.06 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

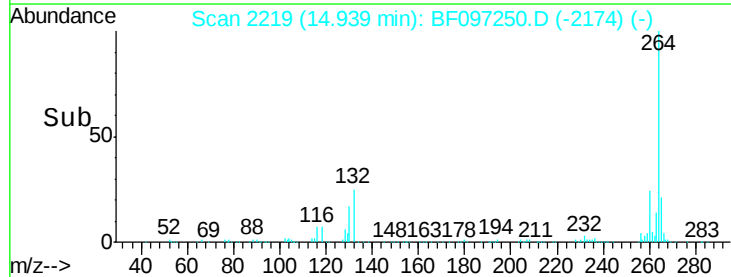
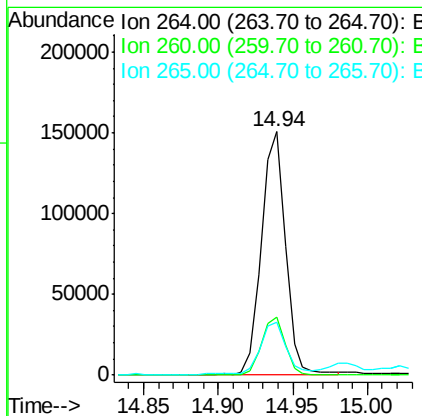
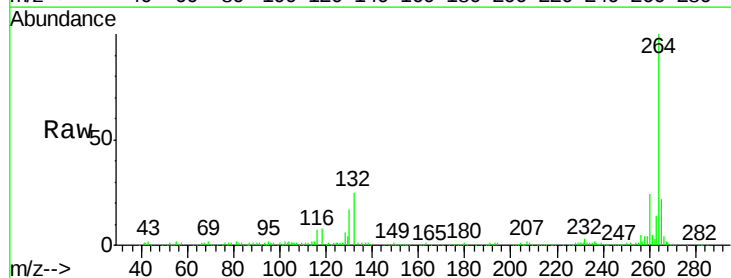
Instrument :
 BNA_F
 ClientSampleId :
 TP-17-SS-8DL

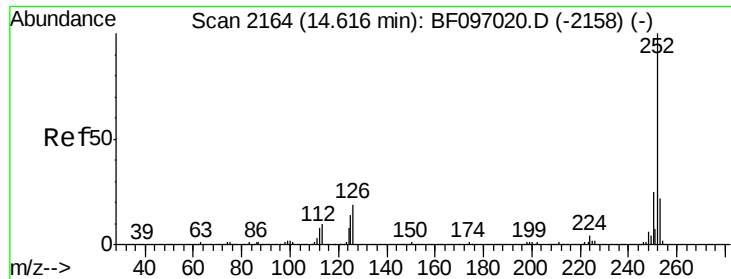
Tot Ion	Ratio	Lower	Upper
276	100		
138	31.1	27.8	41.6
277	23.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.94 min Scan# 2219
 Delta R.T. -0.04 min
 Lab File: BF097250.D
 Acq: 2 Aug 2017 3:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.5	17.2	25.8

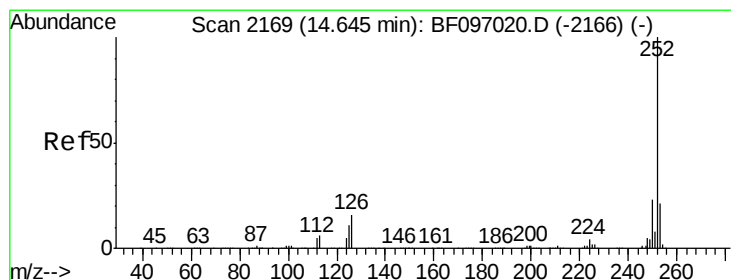
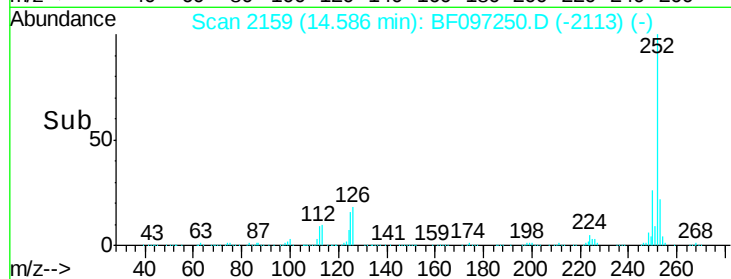
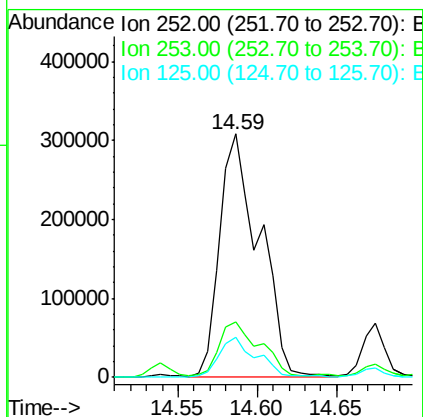
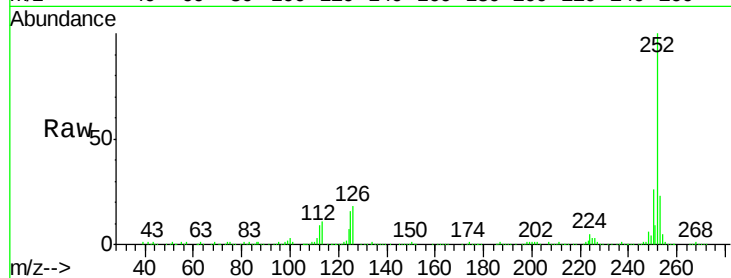




#87
Benzo(b)fluoranthene
Concen: 52.81 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

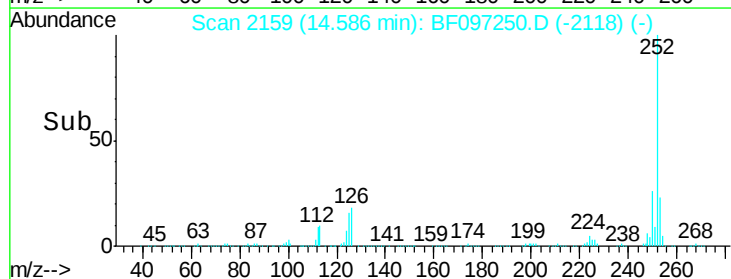
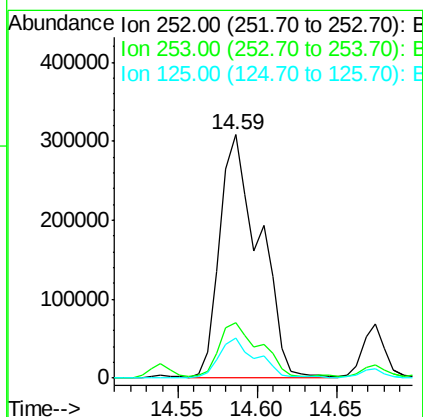
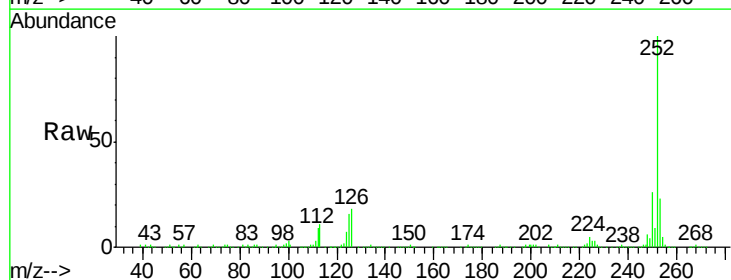
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

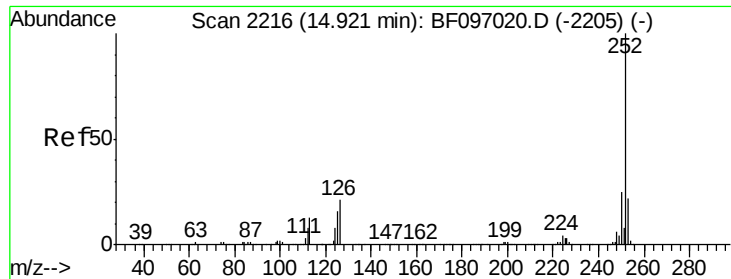
Tot Ion:252 Resp: 531911
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 16.5 9.8 14.8#



#88
Benzo(k)fluoranthene
Concen: 55.42 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.06 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion:252 Resp: 531911
Ion Ratio Lower Upper
252 100
253 23.0 18.4 27.6
125 16.5 13.1 19.7

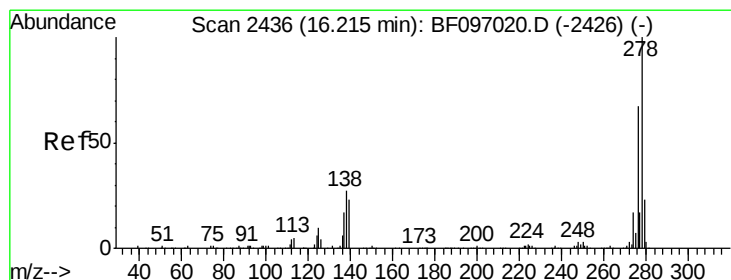
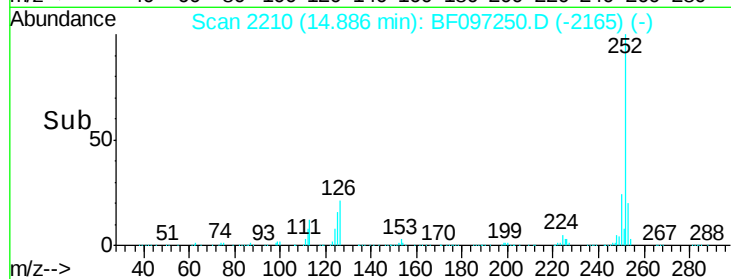
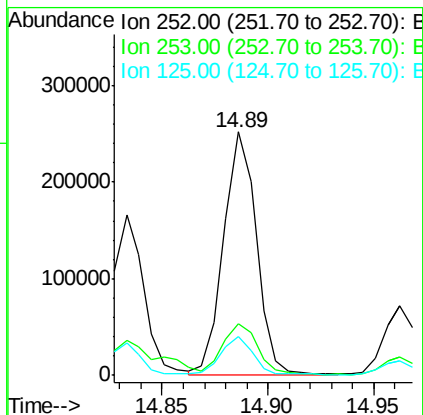
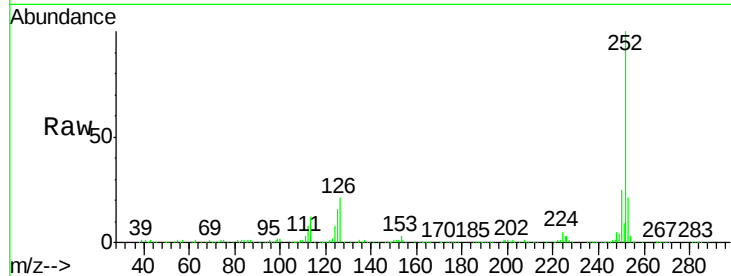




#89
Benzo(a)pyrene
Concen: 29.20 ng
RT: 14.89 min Scan# 2210
Delta R.T. -0.04 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

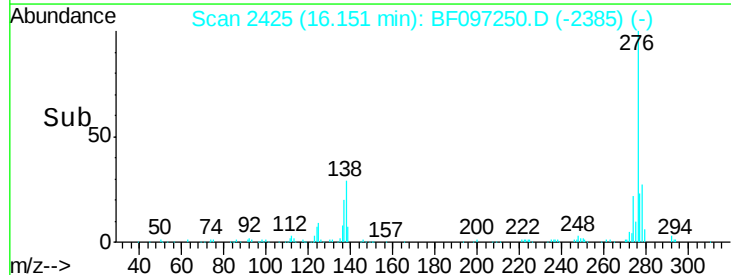
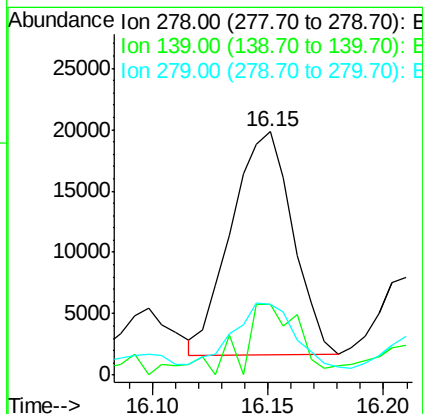
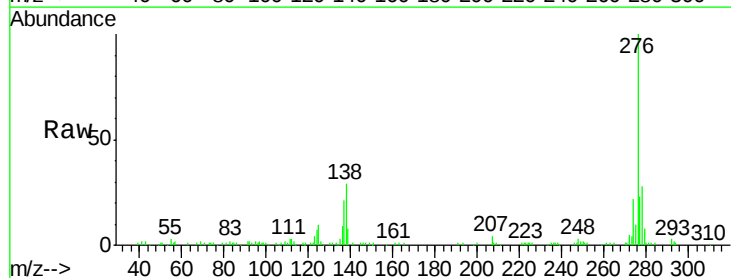
Instrument :
BNA_F
ClientSampleId :
TP-17-SS-8DL

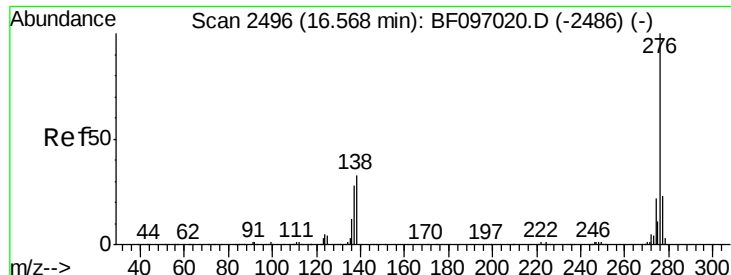
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.5	26.3
125	15.7	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 4.44 ng
RT: 16.15 min Scan# 2425
Delta R.T. -0.06 min
Lab File: BF097250.D
Acq: 2 Aug 2017 3:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	29.1	16.6	24.8#
279	28.9	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 13.78 ng

RT: 16.50 min Scan# 2485

Delta R.T. -0.06 min

Lab File: BF097250.D

Acq: 2 Aug 2017 3:19

Instrument :

BNA_F

ClientSampleId :

TP-17-SS-8DL

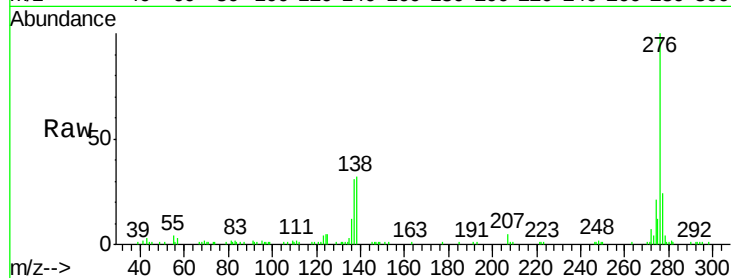
Tot Ion:276 Resp: 109244

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 31.8 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

