

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032818\
 Data File : BF104017.D
 Acq On : 28 Mar 2018 18:30
 Operator : JU/SJ
 Sample : J1754-19
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 18:59:41 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 13:41:47 2018
 Response via : Initial Calibration

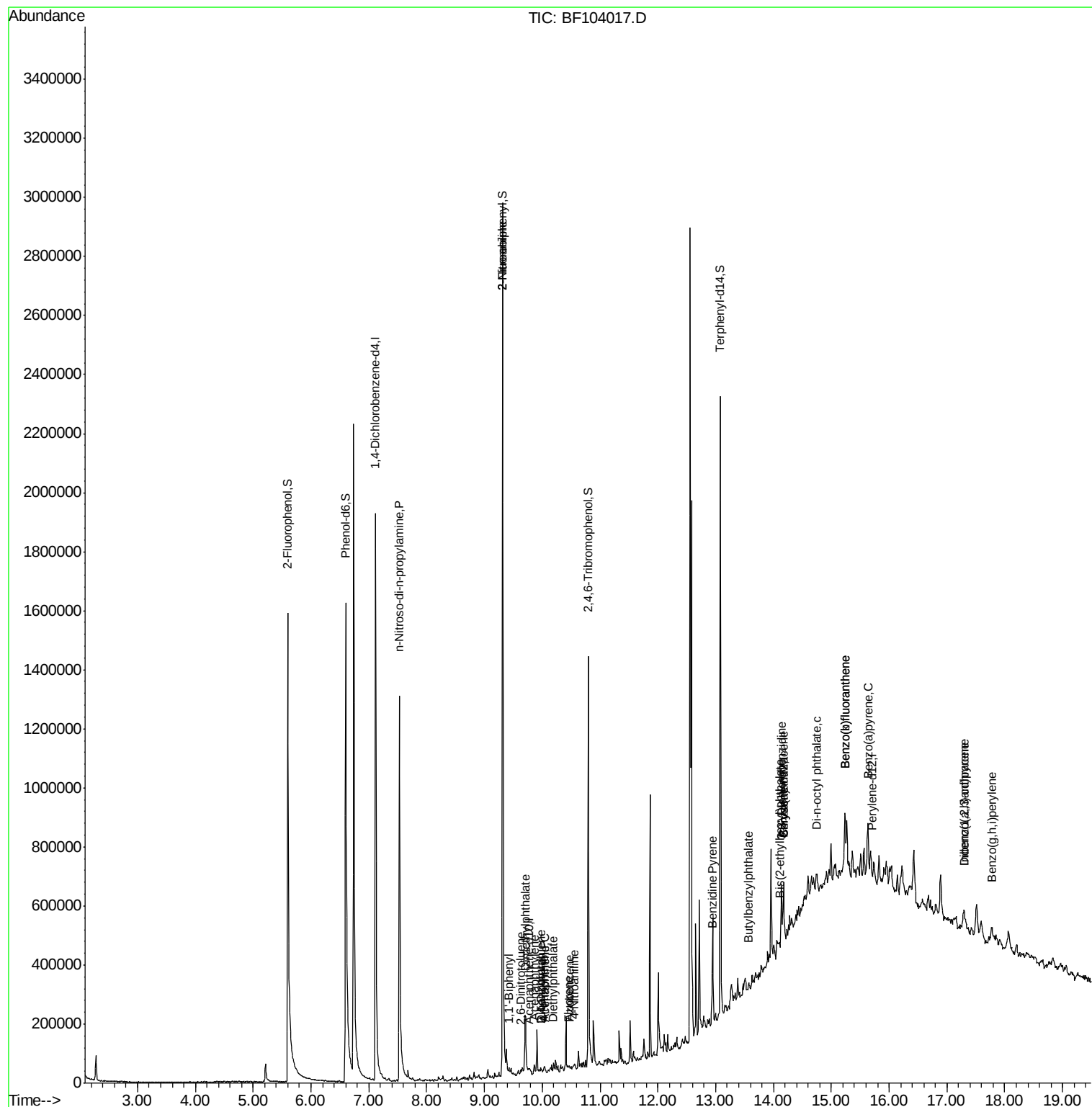
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	405748	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	9.78	164	270	20.00	ng	-0.22
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.50
75) Chrysene-d12	14.17	240	421	20.00	ng	0.02
86) Perylene-d12	15.71	264	829	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	897299	35.27	ng	0.00
7) Phenol-d6	6.60	99	1135777	36.28	ng	0.00
23) Nitrobenzene-d5	7.53	82	654173	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	216426	71987.09	ng	0.00
44) 2-Fluorobiphenyl	9.32	172	1091206	63731.14	ng	0.00
78) Terphenyl-d14	13.08	244	797395	43732.72	ng	0.00
Target Compounds						
9) Benzaldehyde	6.60	77	1503	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.53	70	85053	4.578	ng	# 71
45) 1,1'-Biphenyl	9.42	154	4102	177.013	ng	# 86
47) 2-Nitroaniline	9.32	65	1803	345.910	ng	# 1
48) Acenaphthylene	9.87	152	13714	495.220	ng	# 96
49) Dimethylphthalate	9.71	163	99161	4651.654	ng	# 99
50) 2,6-Dinitrotoluene	9.63	165	172	37.503	ng	# 24
51) Acenaphthene	10.03	154	4047	252.622	ng	# 94
54) Dibenzofuran	9.98	168	1470	62.837	ng	# 45
55) 4-Nitrophenol	10.03	139	121	38.277	ng	# 1
56) 2,4-Dinitrotoluene	9.98	165	1077	184.033	ng	# 45
57) Fluorene	10.46	166	1482	76.798	ng	# 60
59) Diethylphthalate	10.19	149	313	15.327	ng	# 61
61) 4-Nitroaniline	10.55	138	117	23.718	ng	# 19
62) Azobenzene	10.47	77	484	26.210	ng	# 1
76) Benzidine	12.93	184	326	27.172	ng	# 1
77) Pyrene	12.95	202	163829	5413.344	ng	# 98
79) Butylbenzylphthalate	13.56	149	349	24.477	ng	# 33
80) Benzo(a)anthracene	14.17	228	91771	3483.739	ng	# 95
81) 3,3'-Dichlorobenzidine	14.13	252	807	92.551	ng	# 53
82) Chrysene	14.17	228	91771	3556.819	ng	# 97
83) Bis(2-ethylhexyl)phthalate	14.10	149	5679	308.265	ng	# 80
84) Di-n-octyl phthalate	14.76	149	1846	58.252	ng	# 1
85) Indeno(1,2,3-cd)pyrene	17.29	276	47502	1776.648	ng	# 91
87) Benzo(b)fluoranthene	15.24	252	154670	3065.679	ng	# 78
88) Benzo(k)fluoranthene	15.24	252	154670	3254.416	ng	# 81
89) Benzo(a)pyrene	15.63	252	75180	1608.001	ng	# 88
90) Dibenzo(a,h)anthracene	17.30	278	11619	268.792	ng	# 35
91) Benzo(g,h,i)perylene	17.78	276	47145	1088.879	ng	# 91

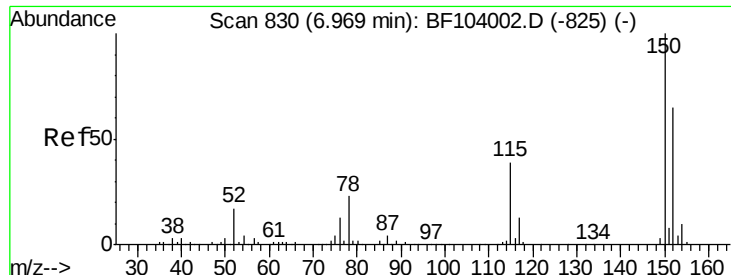
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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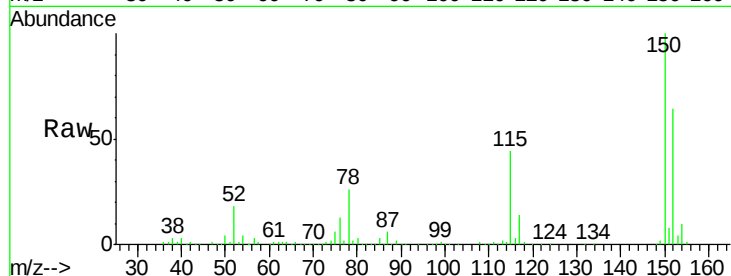


#1

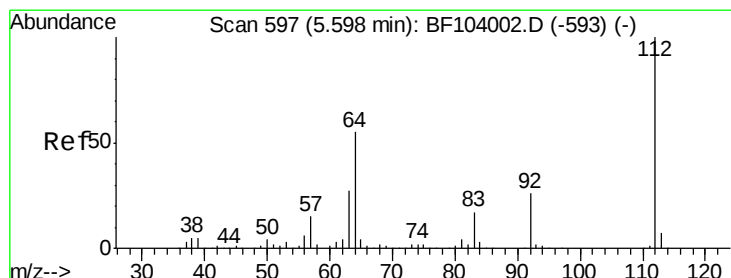
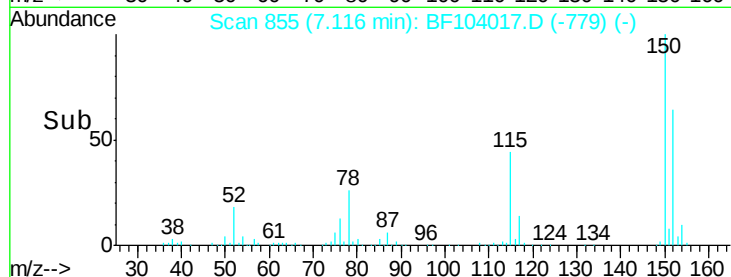
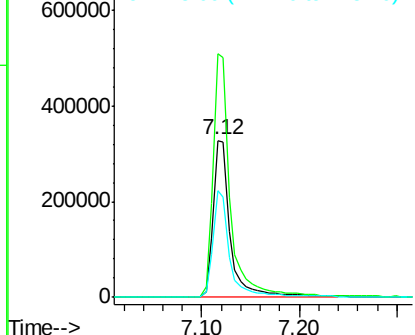
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.15 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 405748
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 68.3 50.1 75.1



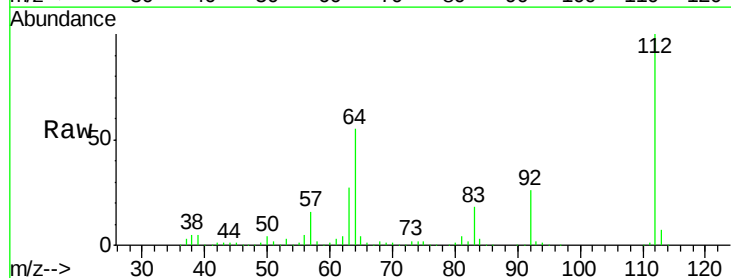
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



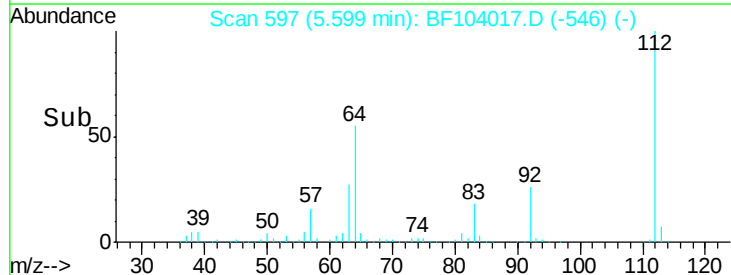
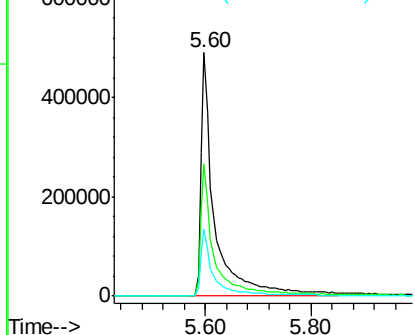
#5

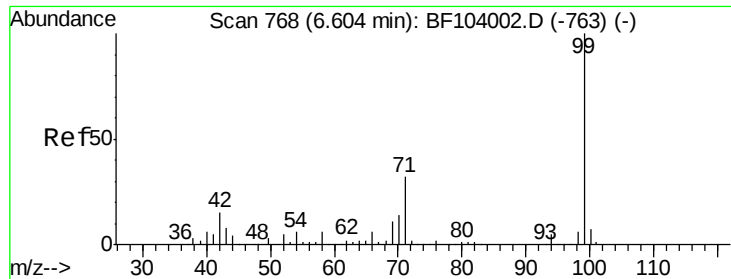
2-Fluorophenol
Concen: 35.267 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion:112 Resp: 897299
Ion Ratio Lower Upper
112 100
64 54.5 47.9 71.9
63 27.4 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 36.284 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

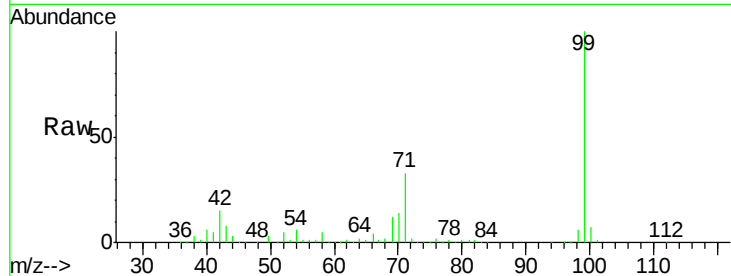
Tot Ion: 99 Resp: 1135777

Ion Ratio Lower Upper

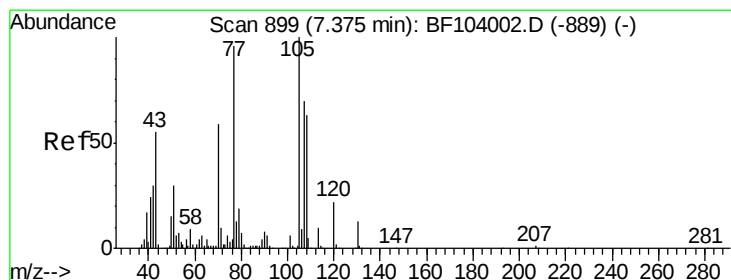
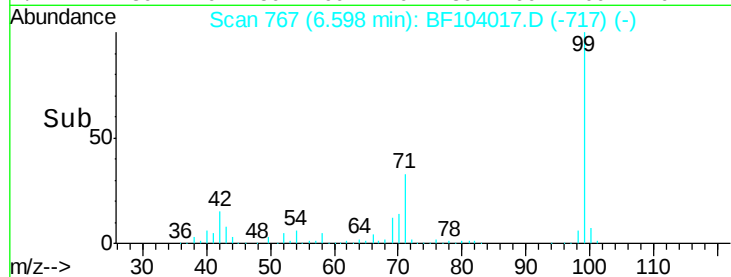
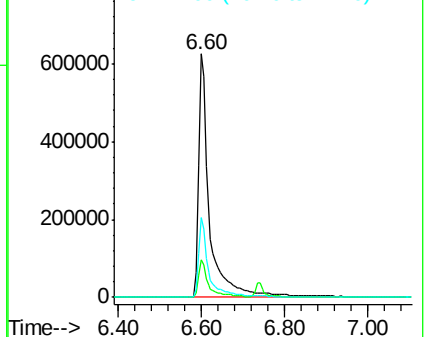
99 100

42 15.5 14.5 21.7

71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 4.578 ng

RT: 7.53 min Scan# 925

Delta R.T. 0.15 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Tgt Ion: 70 Resp: 85053

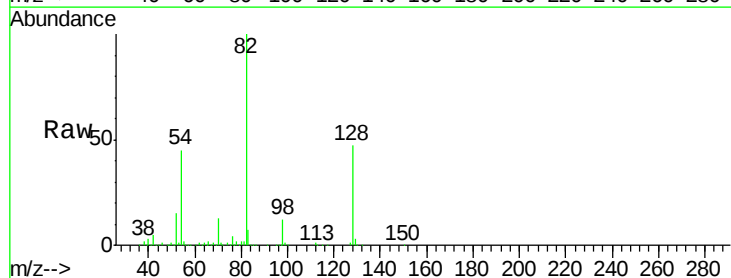
Ion Ratio Lower Upper

70 100

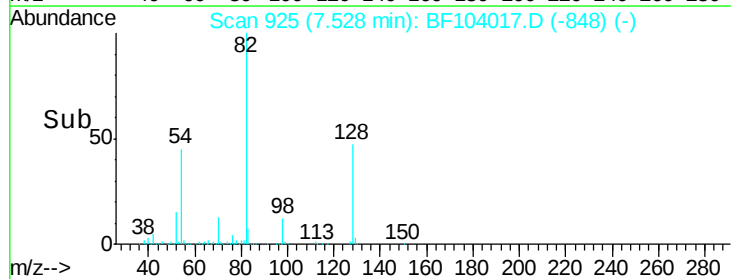
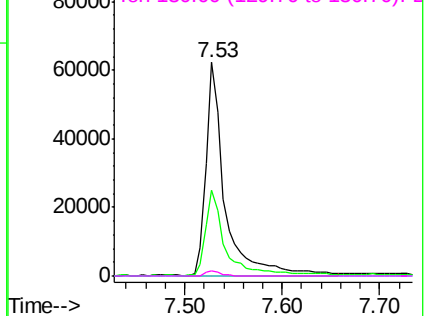
42 40.5 47.5 71.3#

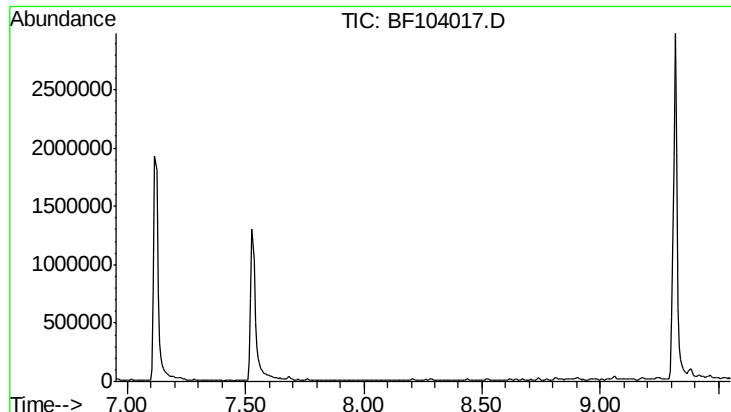
101 0.0 7.4 11.2#

130 2.1 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

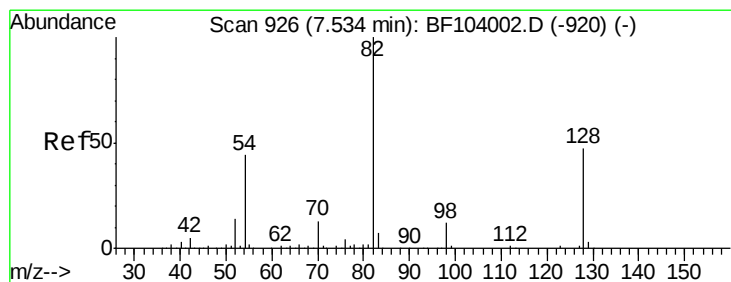
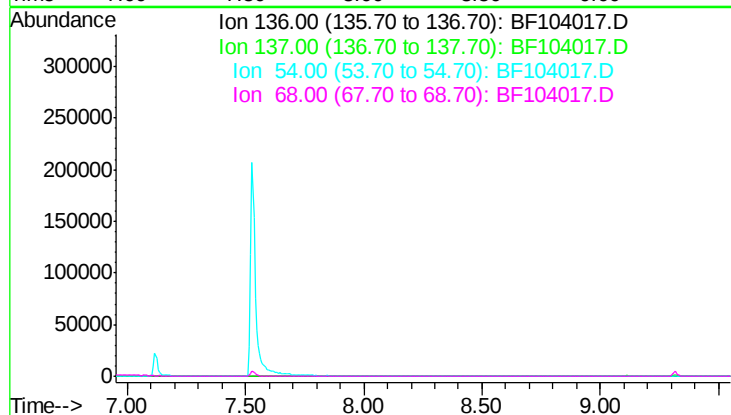




#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.25 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

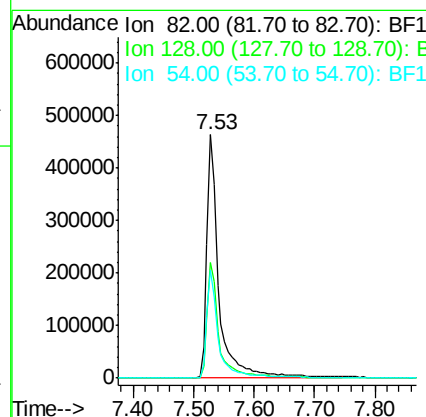
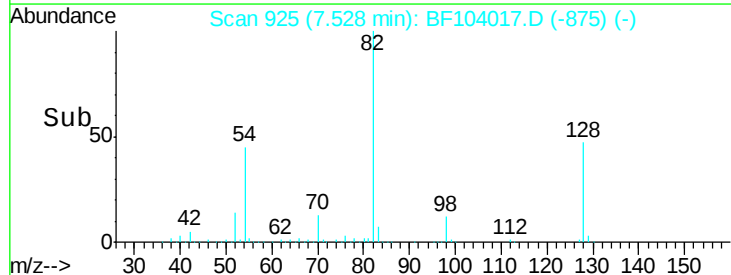
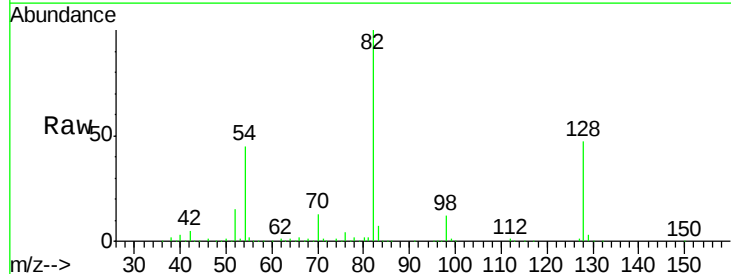
Instrument :
BNA_F
ClientSampleId :

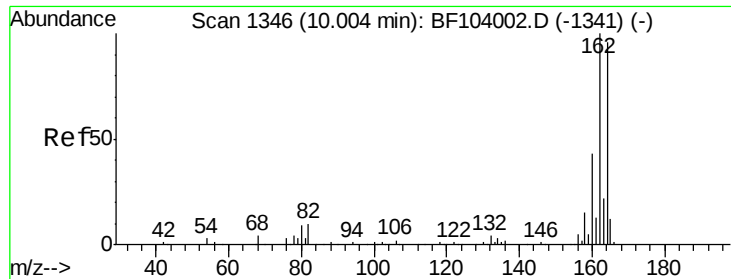
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 8.2
68 6.2



#23
Nitrobenzene-d5
Concen: 0.000 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion: 82 Resp: 654173
Ion Ratio Lower Upper
82 100
128 47.3 36.1 54.1
54 44.6 41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.22 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

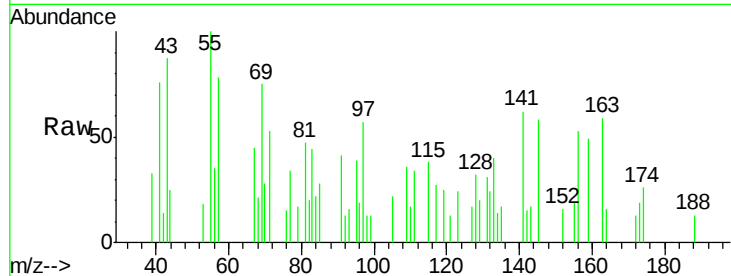
Tot Ion:164 Resp: 270

Ion Ratio Lower Upper

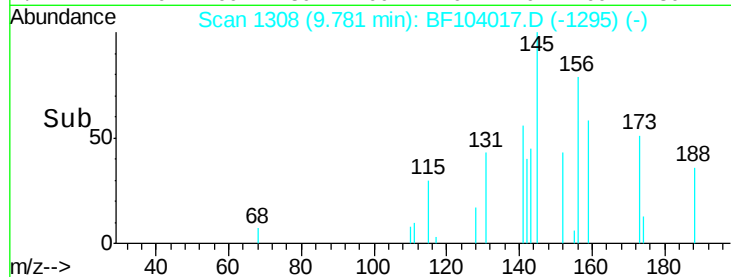
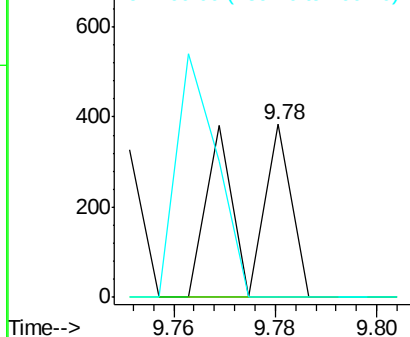
164 100

162 0.0 86.1 129.1#

160 0.0 38.3 57.5#



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: 71987.093 ng

RT: 10.80 min Scan# 1481

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

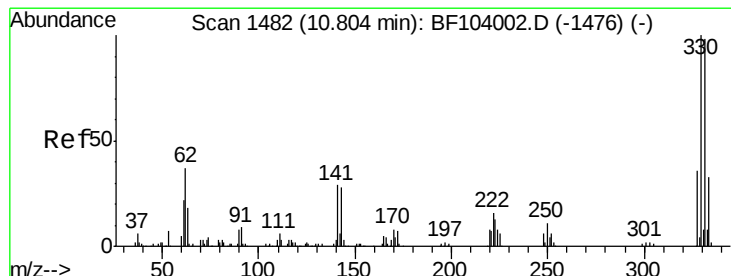
Tgt Ion:330 Resp: 216426

Ion Ratio Lower Upper

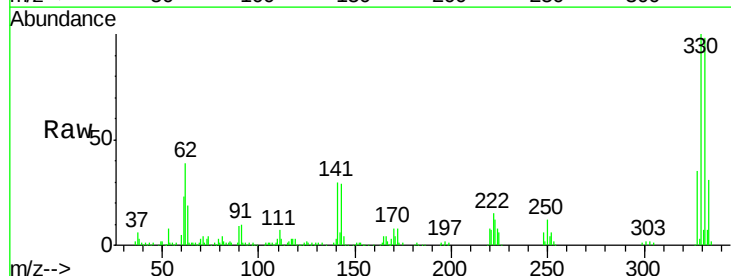
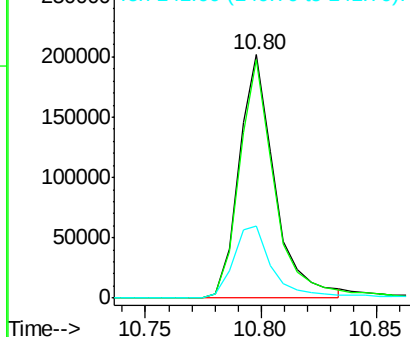
330 100

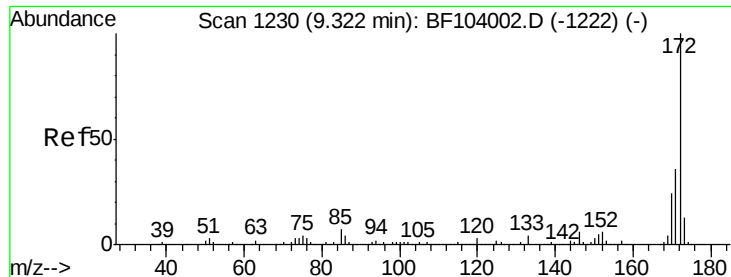
332 96.3 77.0 115.6

141 31.7 29.9 44.9



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



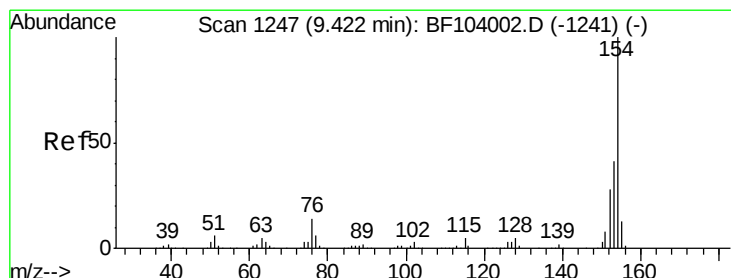
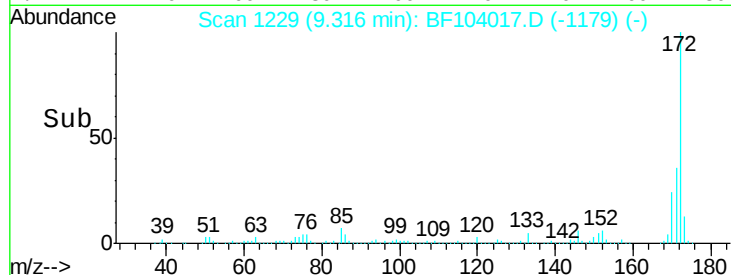
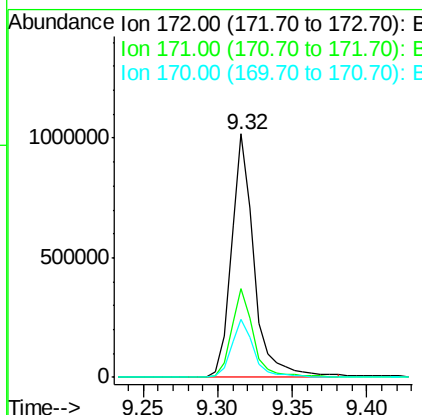
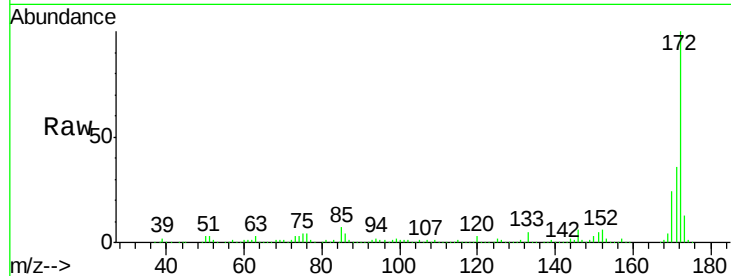


#44
 2-Fluorobiphenyl
 Concen: 63731.137 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1091206

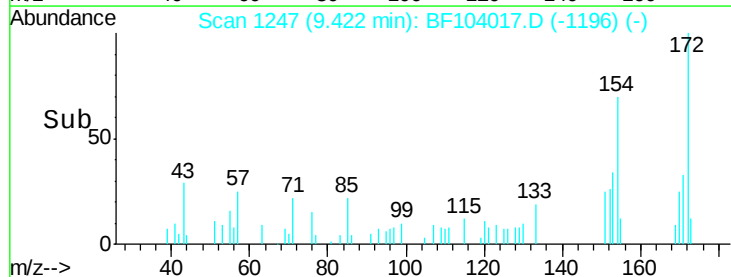
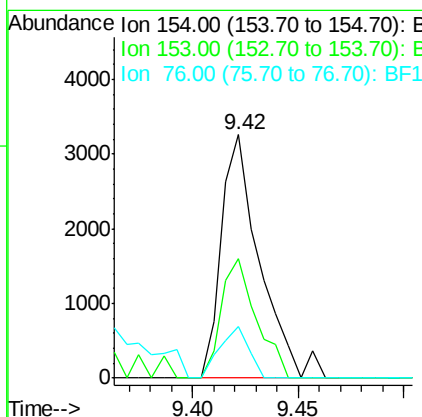
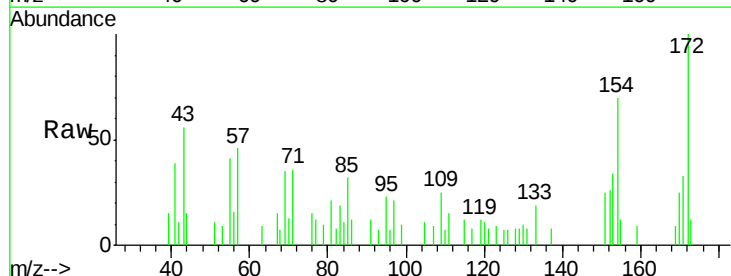
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	23.9	19.6	29.4

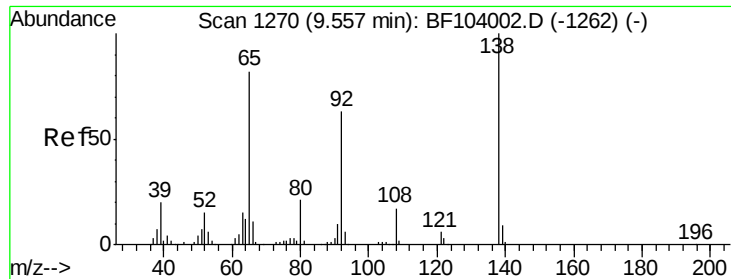


#45
 1,1'-Biphenyl
 Concen: 177.013 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

Tgt Ion:154 Resp: 4102

Ion	Ratio	Lower	Upper
154	100		
153	49.2	21.3	61.3
76	21.3	0.0	34.0

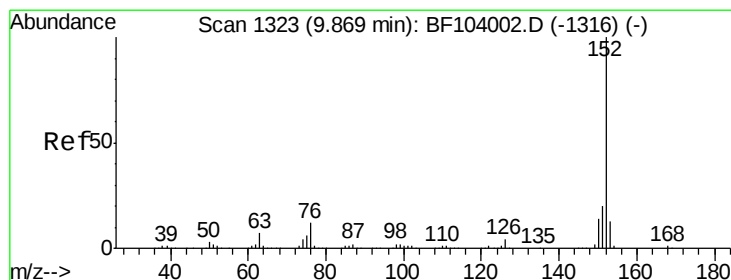
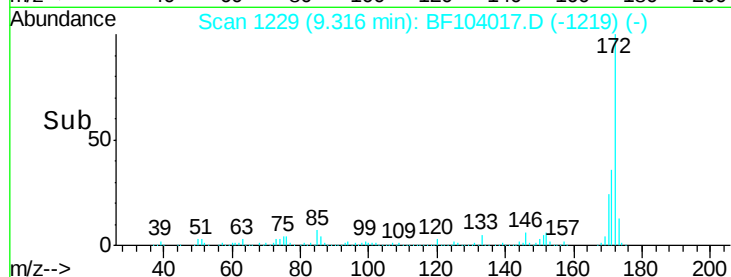
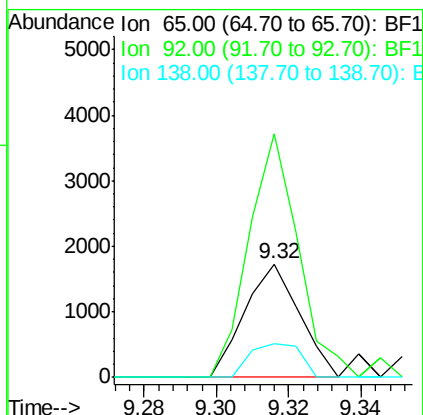
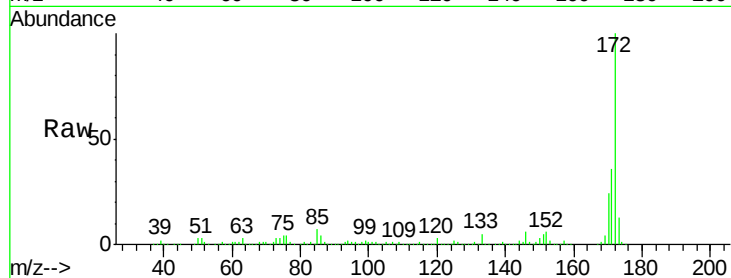




#47
2-Nitroaniline
Concen: 345.910 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.24 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

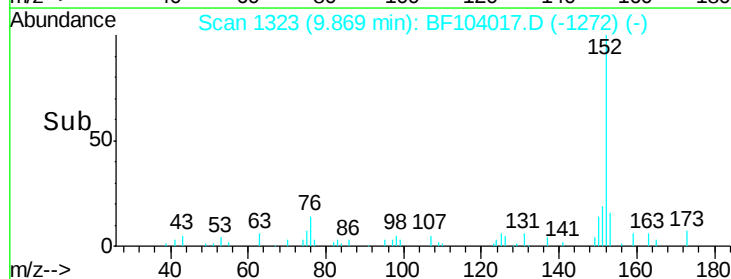
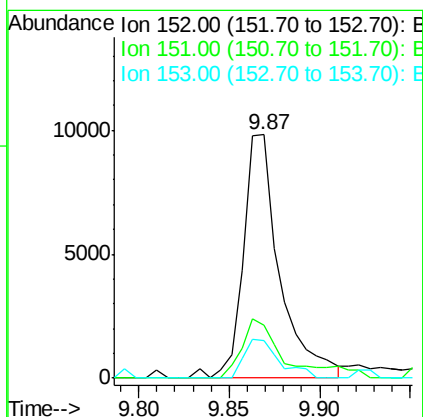
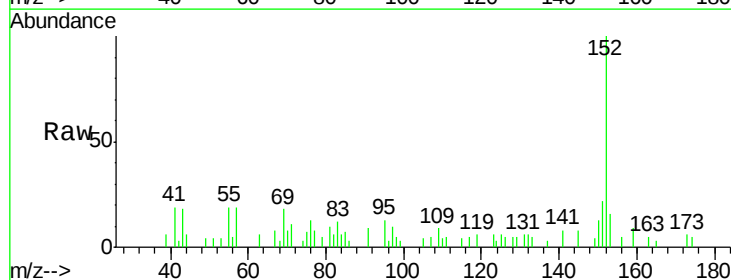
Instrument :
BNA_F
ClientSampled :

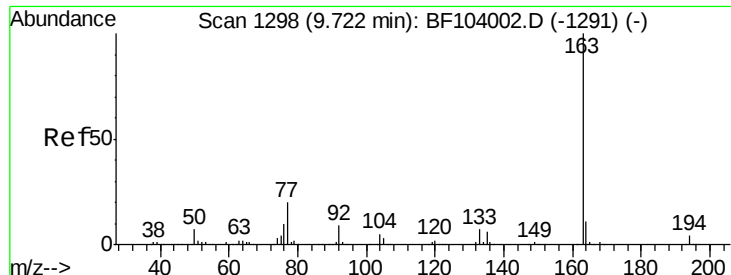
Tot Ion: 65 Resp: 1803
Ion Ratio Lower Upper
65 100
92 215.3 55.8 83.6#
138 29.5 91.2 136.8#



#48
Acenaphthylene
Concen: 495.220 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion: 152 Resp: 13714
Ion Ratio Lower Upper
152 100
151 21.6 16.3 24.5
153 15.5 10.7 16.1

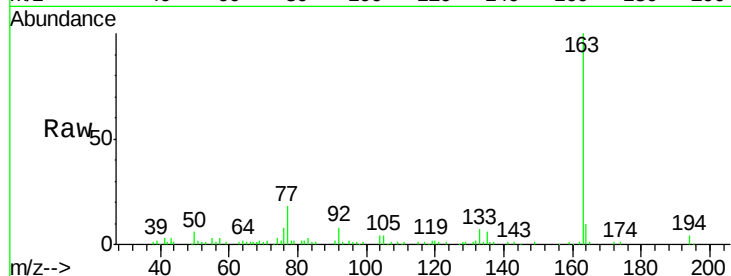




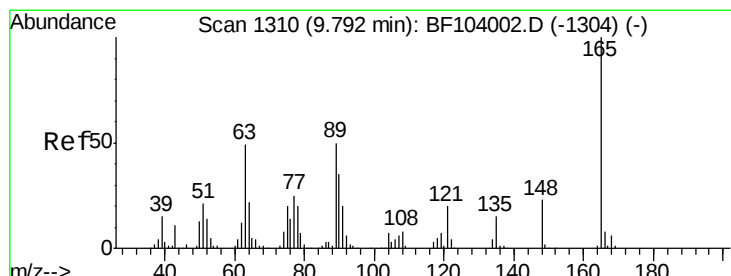
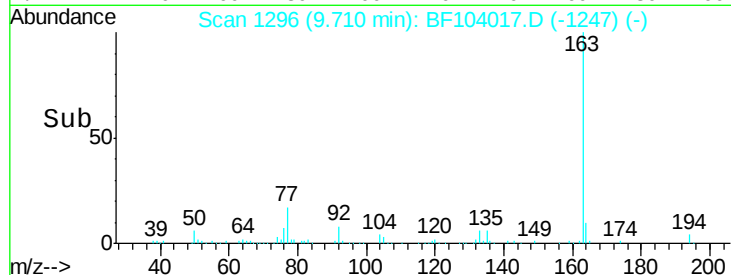
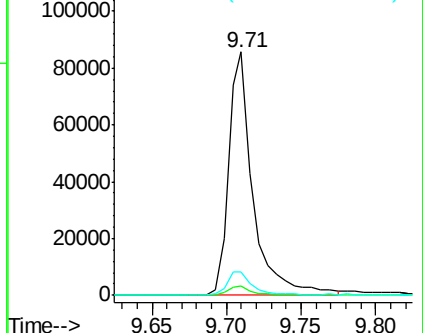
#49
Dimethylphthalate
Concen: 4651.654 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.7	4.1
164	9.7	8.2	12.2

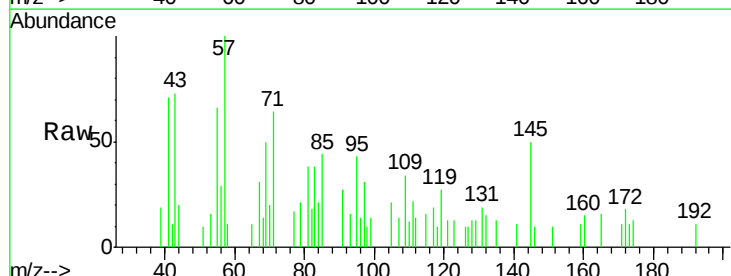


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

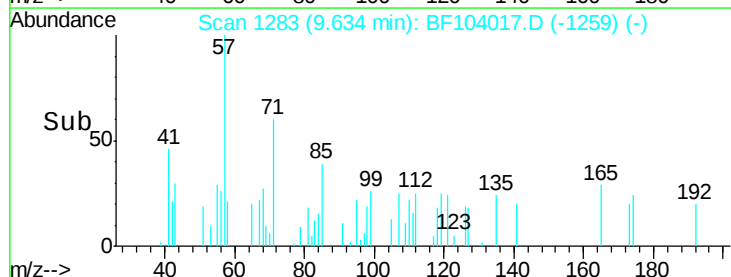
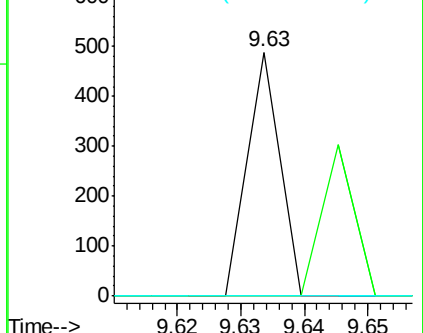


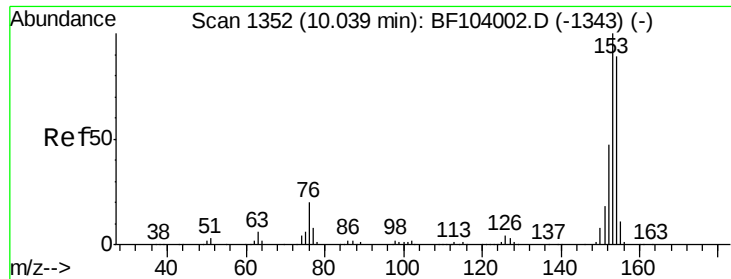
#50
2,6-Dinitrotoluene
Concen: 37.503 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.16 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 252.622 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

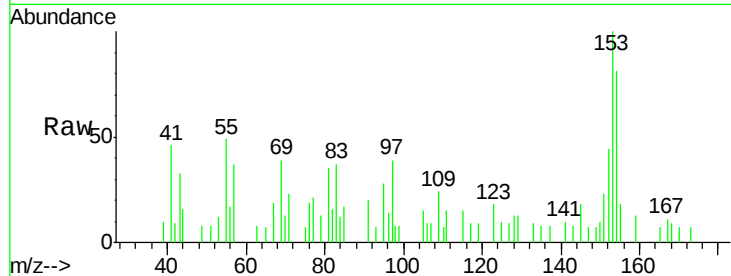
Tot Ion:154 Resp: 4047

Ion Ratio Lower Upper

154 100

153 123.9 91.2 136.8

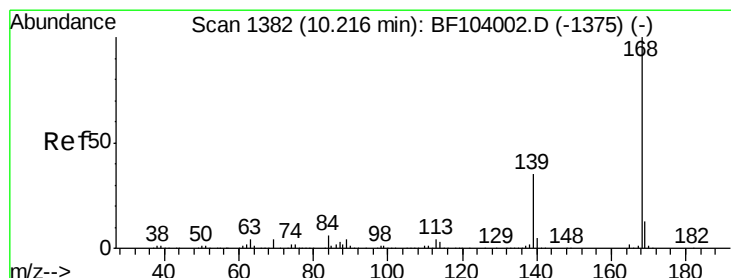
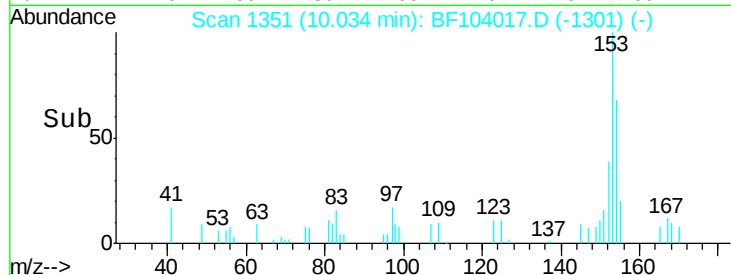
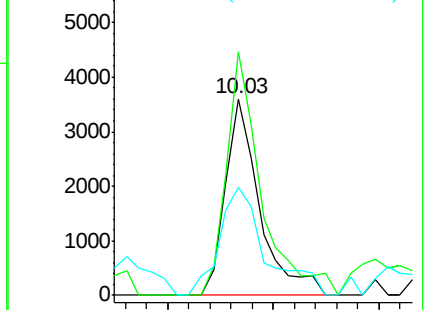
152 55.0 43.8 65.8



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: 62.837 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.24 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

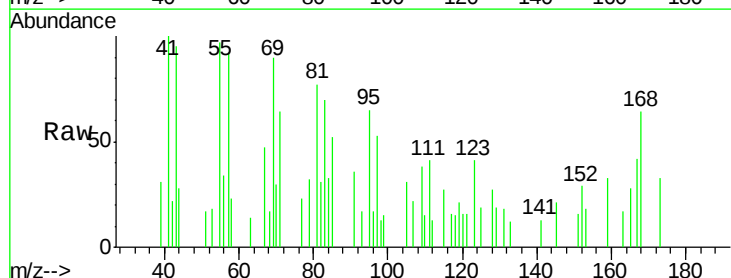
Tgt Ion:168 Resp: 1470

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

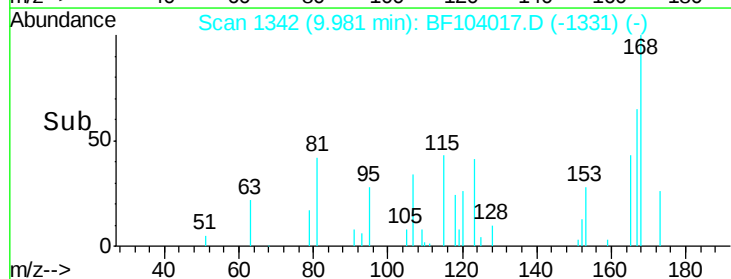
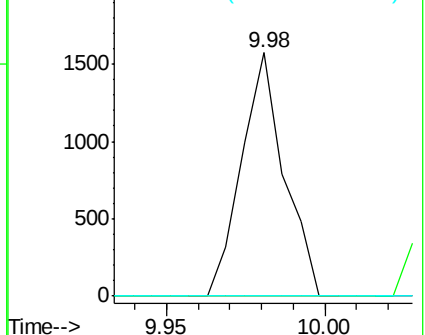
169 0.0 10.9 16.3#

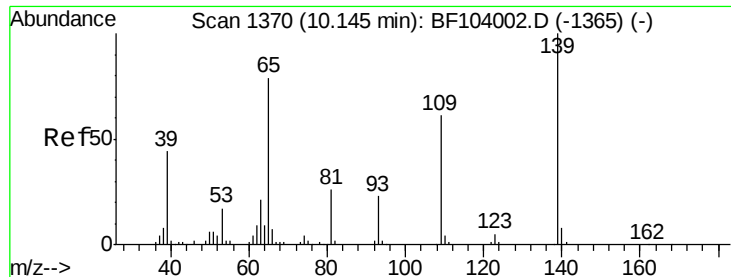


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

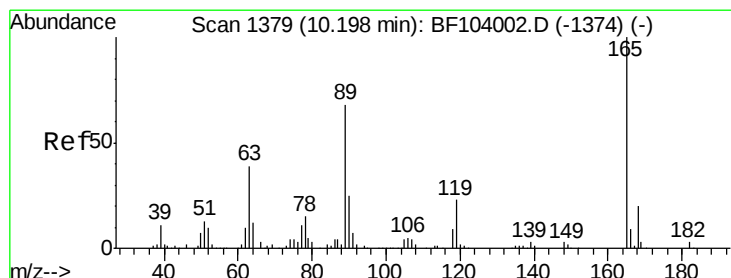
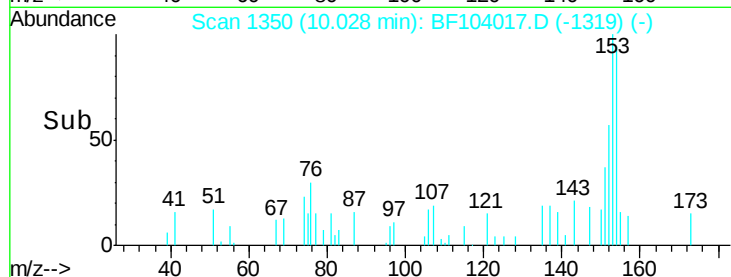
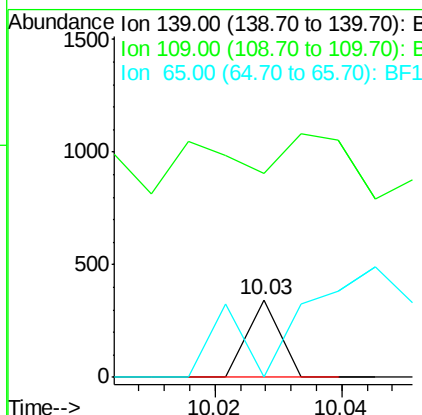
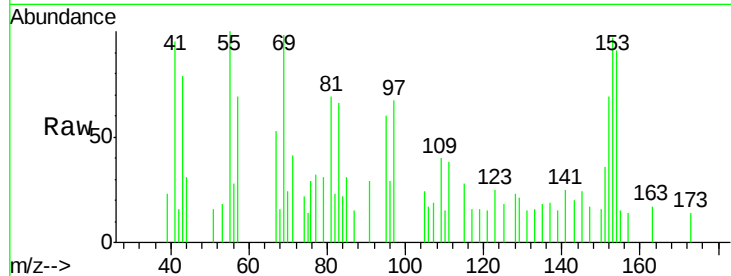




#55
 4-Nitrophenol
 Concen: 38.277 ng
 RT: 10.03 min Scan# 1350
 Delta R.T. -0.12 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

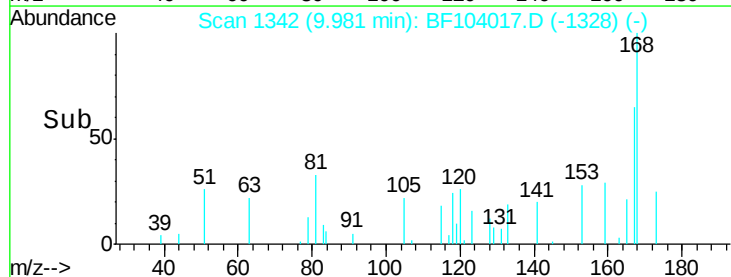
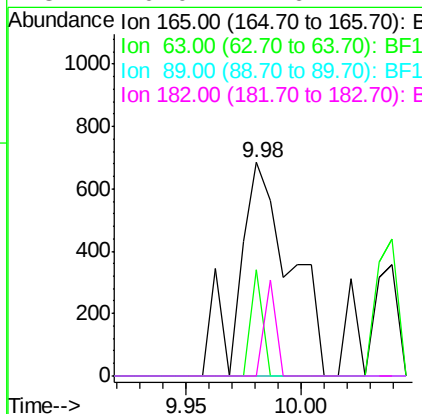
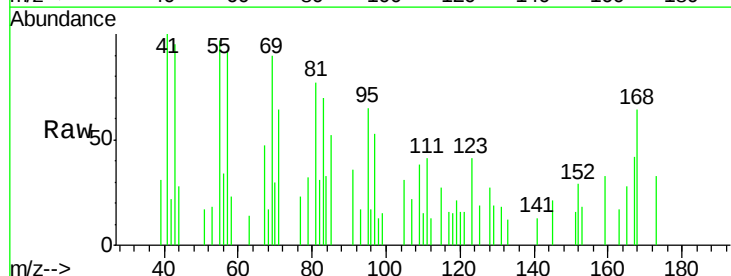
Instrument :
 BNA_F
 ClientSampleId :

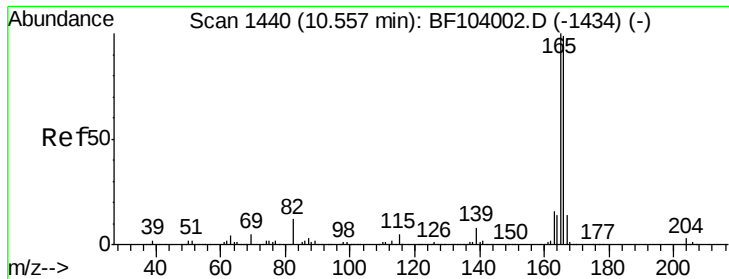
Tot Ion	Ratio	Lower	Upper
139	100		
109	264.0	48.4	88.4#
65	0.0	72.6	112.6#



#56
 2,4-Dinitrotoluene
 Concen: 184.033 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.22 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

Tgt Ion	Ratio	Lower	Upper
165	100		
63	49.8	36.4	54.6
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#57

Fluorene

Concen: 76.798 ng

RT: 10.46 min Scan# 1423

Delta R.T. -0.10 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

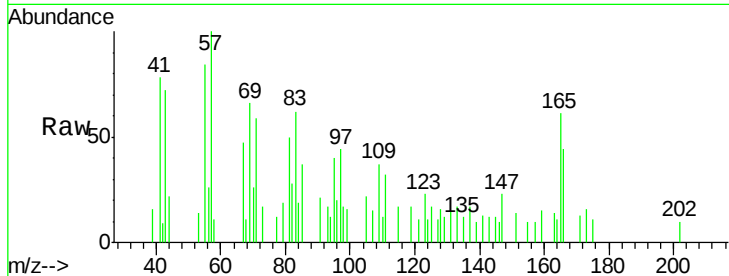
Tot Ion:166 Resp: 1482

Ion Ratio Lower Upper

166 100

165 140.8 79.8 119.8#

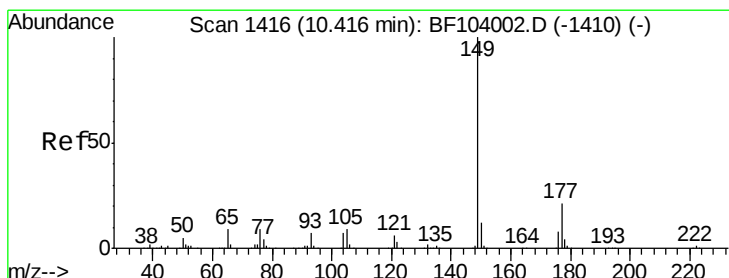
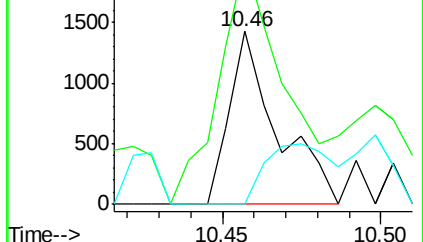
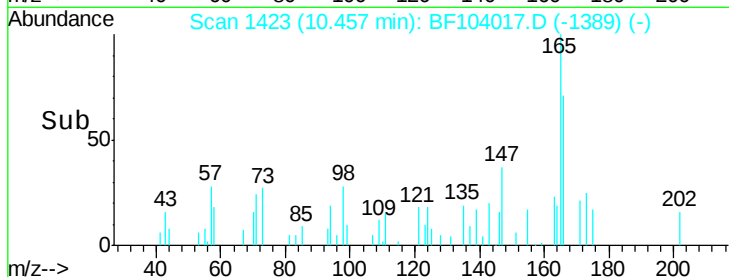
167 0.0 10.6 16.0#



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



#59

Diethylphthalate

Concen: 15.327 ng

RT: 10.19 min Scan# 1377

Delta R.T. -0.23 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

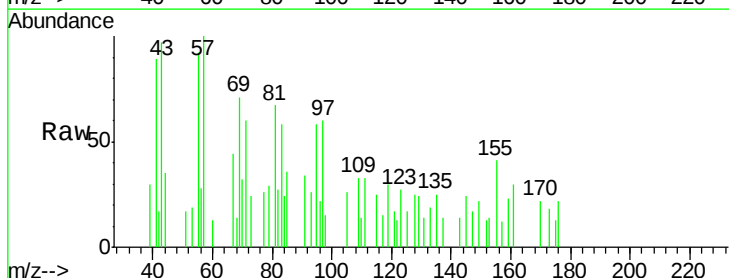
Tgt Ion:149 Resp: 313

Ion Ratio Lower Upper

149 100

177 0.0 16.1 24.1#

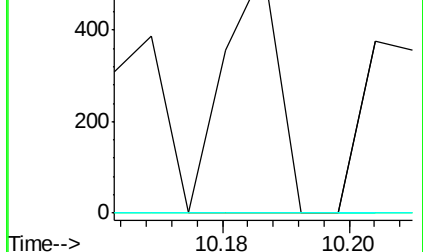
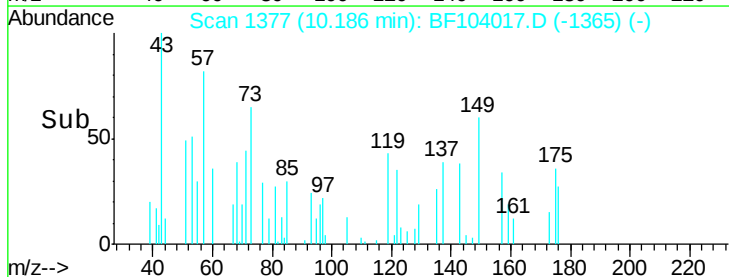
150 0.0 10.1 15.1#

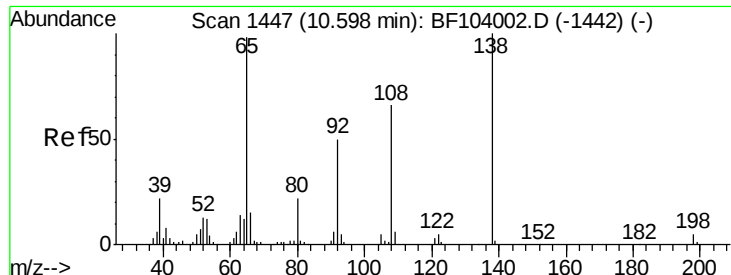


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

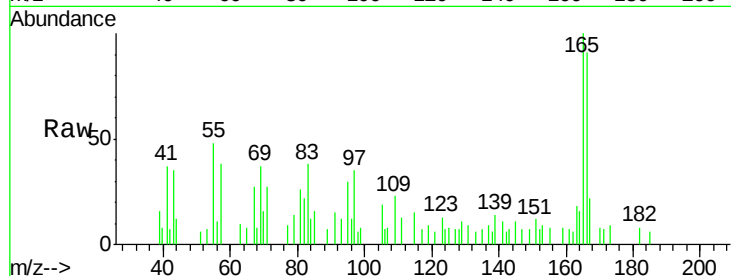




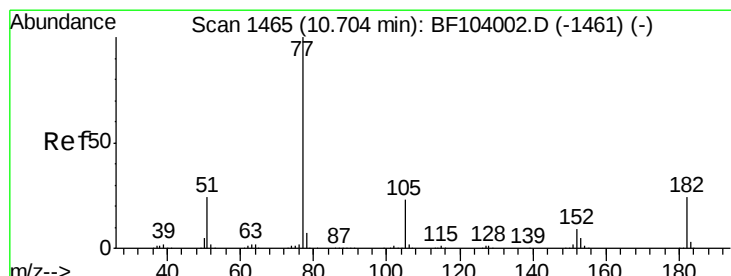
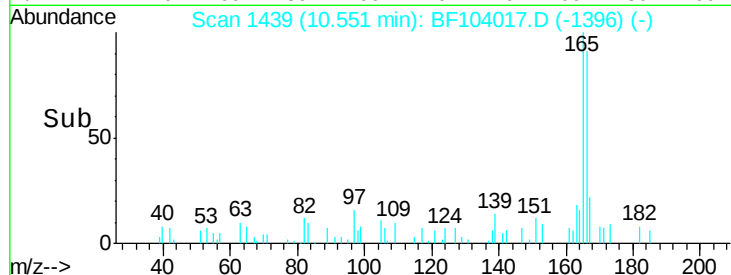
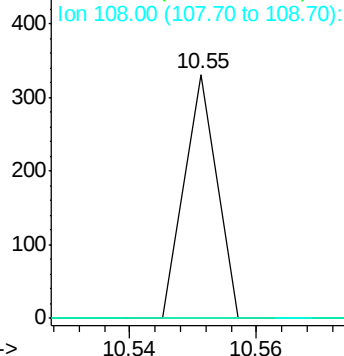
#61
4-Nitroaniline
Concen: 23.718 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.05 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#

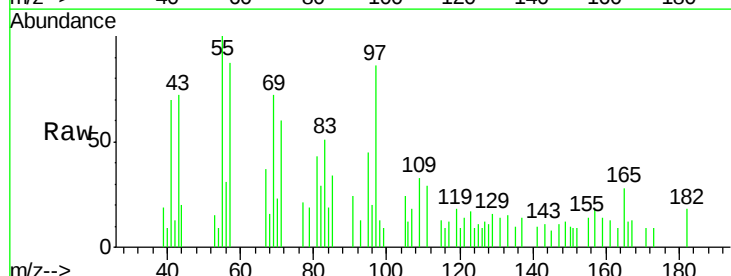


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E

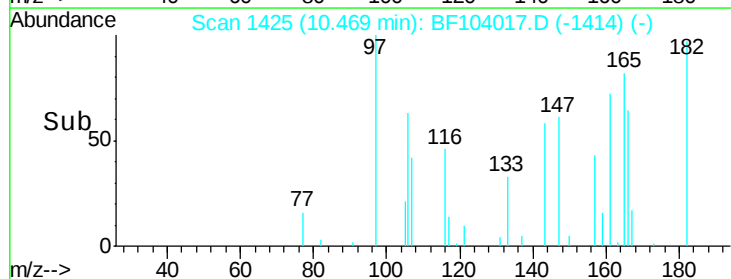
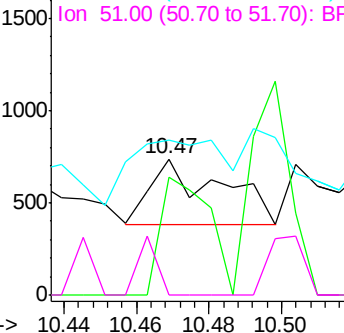


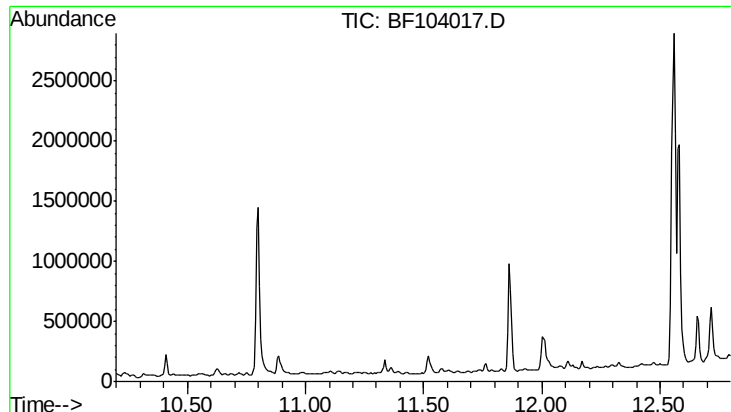
#62
Azobenzene
Concen: 26.210 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.24 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion: 77 Resp: 484
Ion Ratio Lower Upper
77 100
182 86.3 1.7 41.7#
105 113.9 3.0 43.0#
51 0.0 9.9 49.9#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

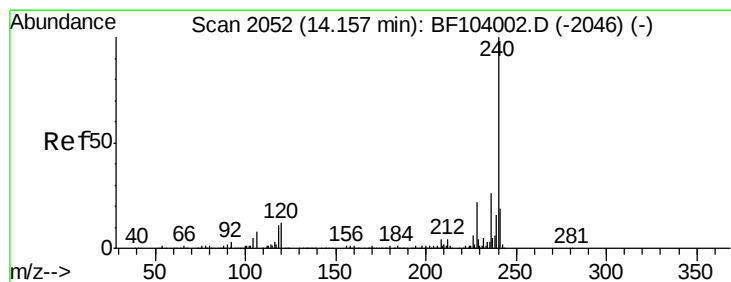
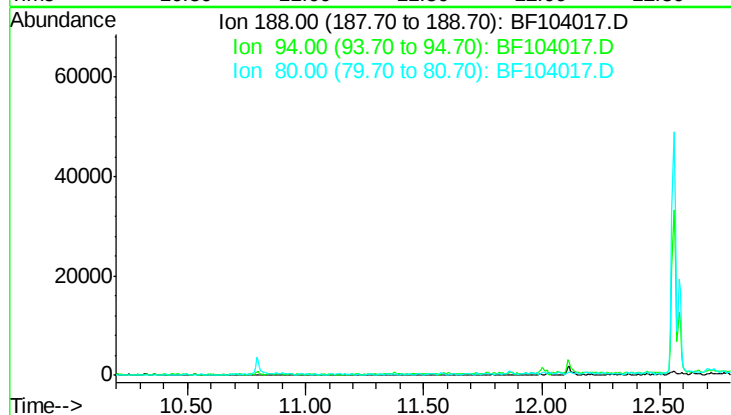




#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.50 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

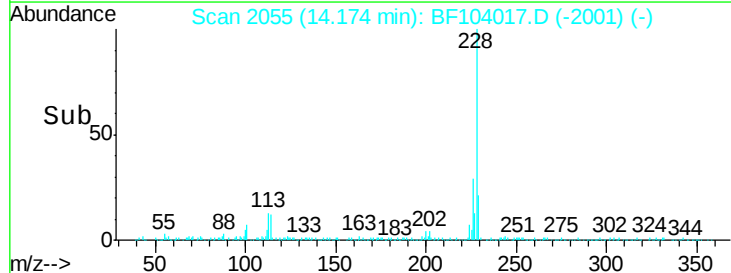
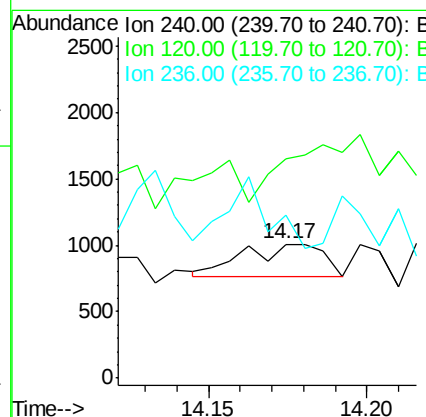
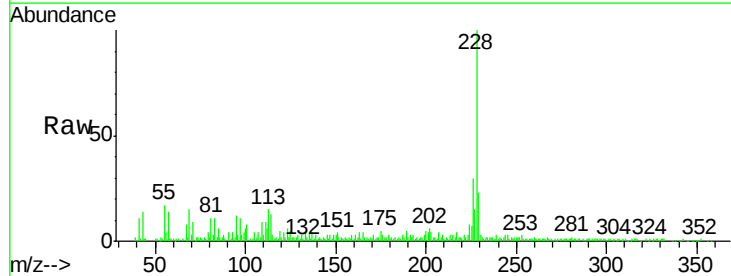
Instrument :
 BNA_F
 ClientSampleId :

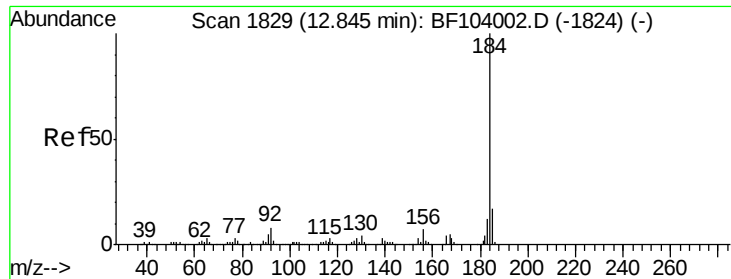
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 10.6
 80 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.17 min Scan# 2055
 Delta R.T. 0.02 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

Tgt Ion: 240 Resp: 421
 Ion Ratio Lower Upper
 240 100
 120 164.1 9.5 14.3#
 236 122.0 20.7 31.1#





#76

Benzidine

Concen: 27.172 ng

RT: 12.93 min Scan# 1844

Delta R.T. 0.09 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

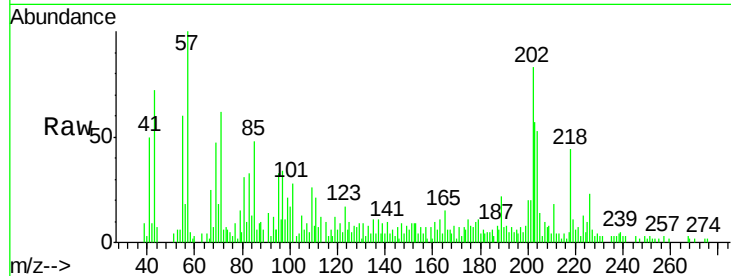
Tot Ion:184 Resp: 326

Ion Ratio Lower Upper

184 100

185 115.5 12.6 18.8#

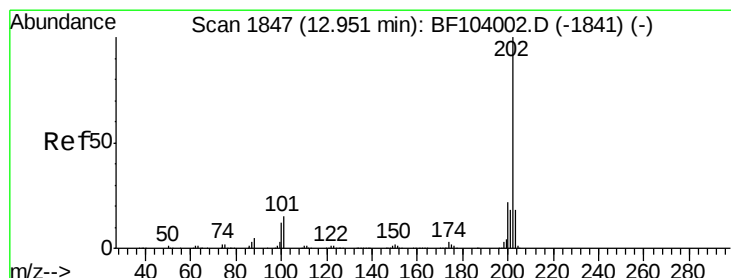
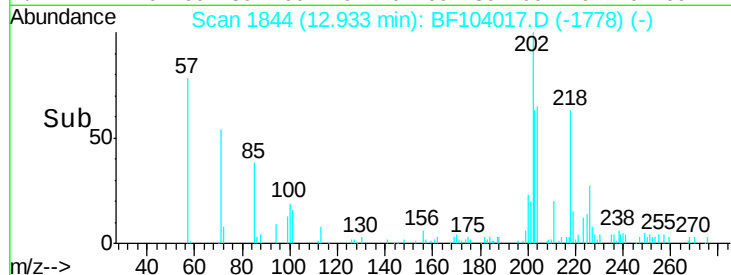
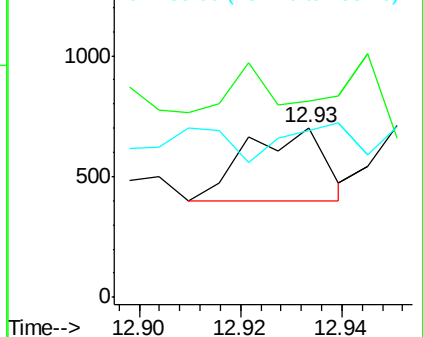
183 98.3 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 5413.344 ng

RT: 12.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

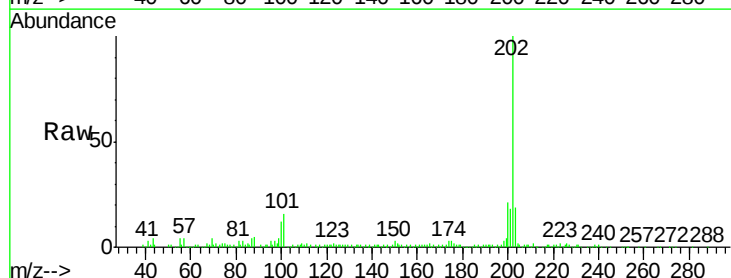
Tgt Ion:202 Resp: 163829

Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

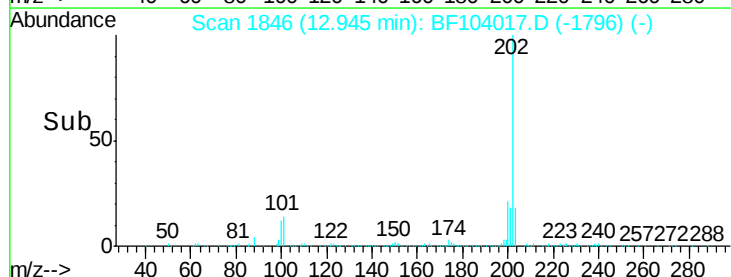
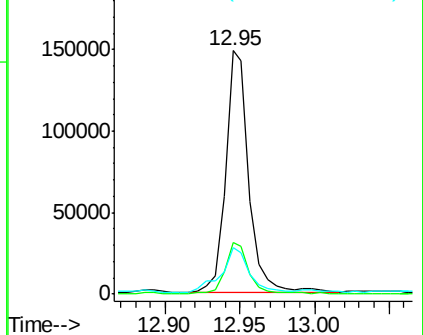
203 18.8 14.3 21.5

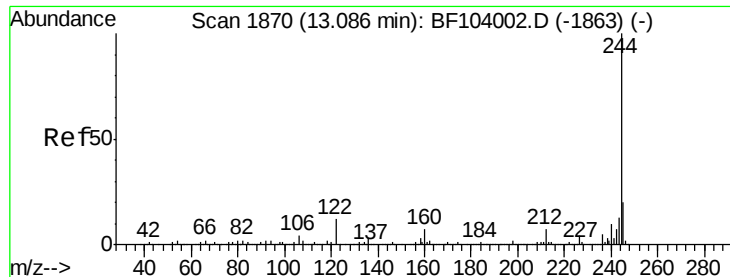


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 43732.723 ng

RT: 13.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

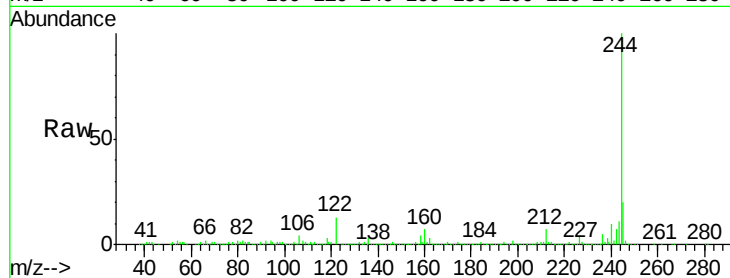
Tot Ion:244 Resp: 797395

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

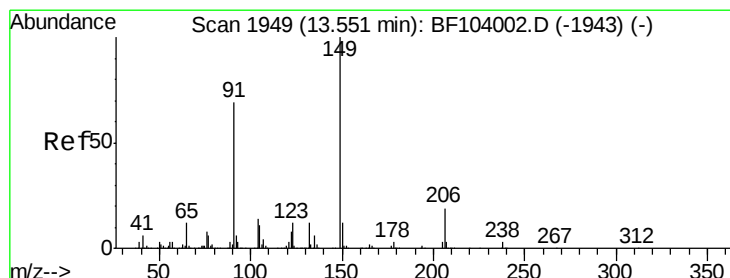
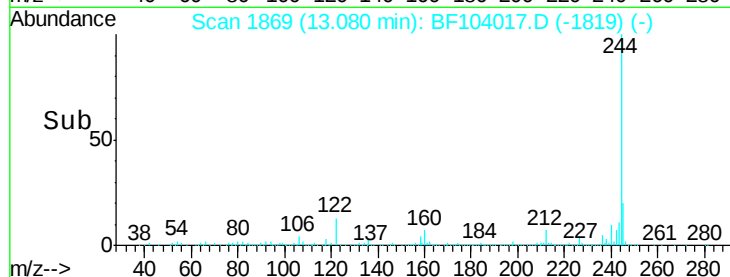
122 13.4 11.0 16.4



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



#79

Butylbenzylphthalate

Concen: 24.477 ng

RT: 13.56 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

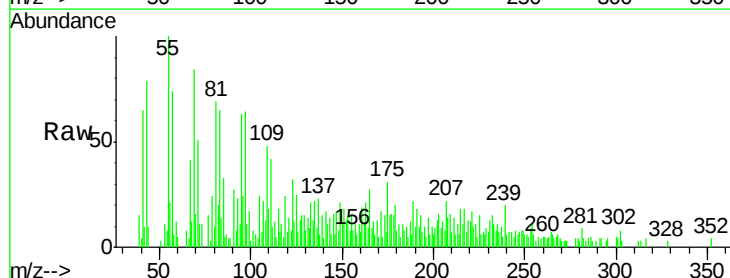
Tgt Ion:149 Resp: 349

Ion Ratio Lower Upper

149 100

91 129.4 56.8 85.2#

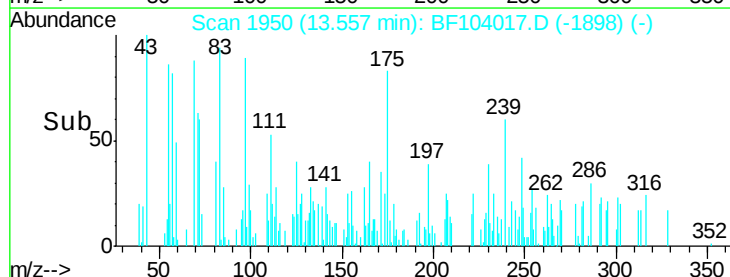
206 39.8 14.1 21.1#

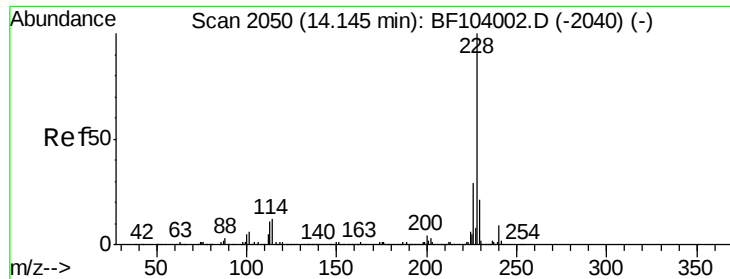


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 3483.739 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.03 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

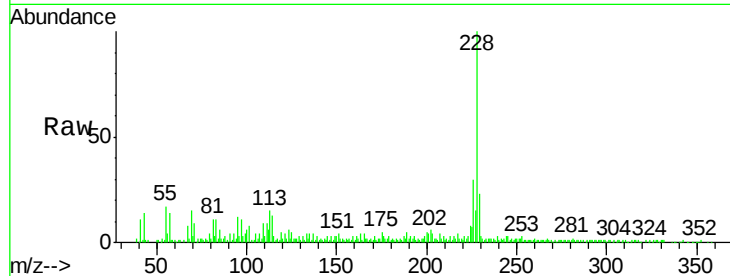
Tot Ion:228 Resp: 91771

Ion Ratio Lower Upper

228 100

226 30.3 22.6 33.8

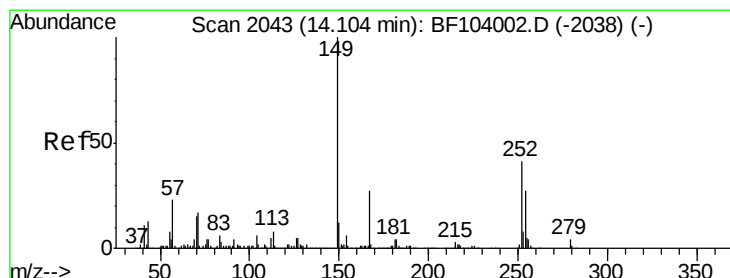
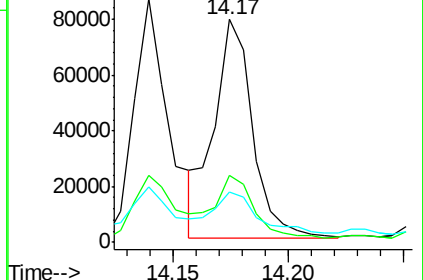
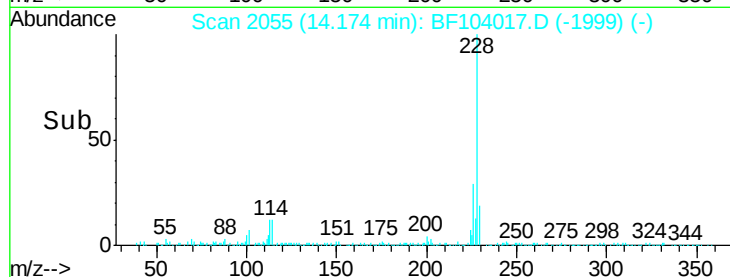
229 22.7 15.8 23.6



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



#81

3,3'-Dichlorobenzidine

Concen: 92.551 ng

RT: 14.13 min Scan# 2048

Delta R.T. 0.03 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

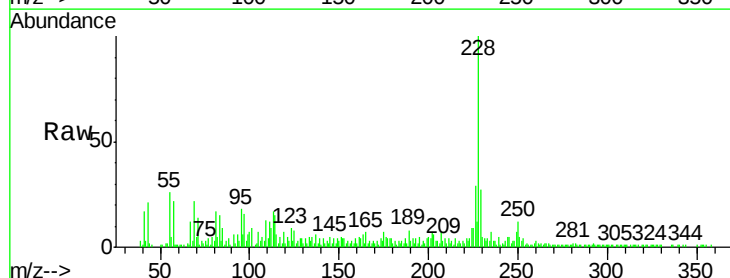
Tgt Ion:252 Resp: 807

Ion Ratio Lower Upper

252 100

254 43.1 50.4 75.6#

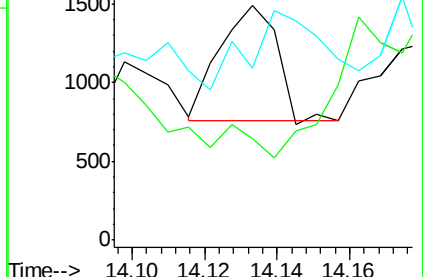
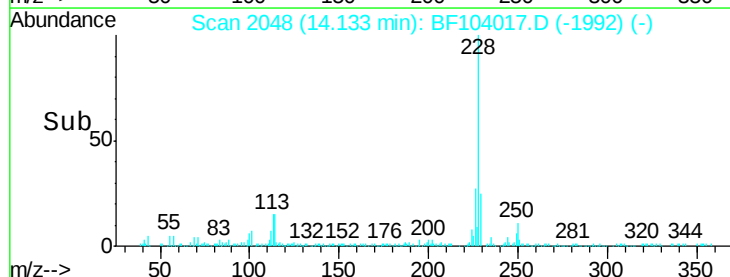
126 73.1 11.3 16.9#

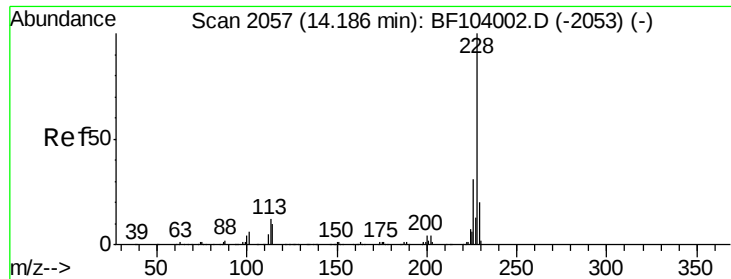


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 3556.819 ng

RT: 14.17 min Scan# 2055

Delta R.T. -0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

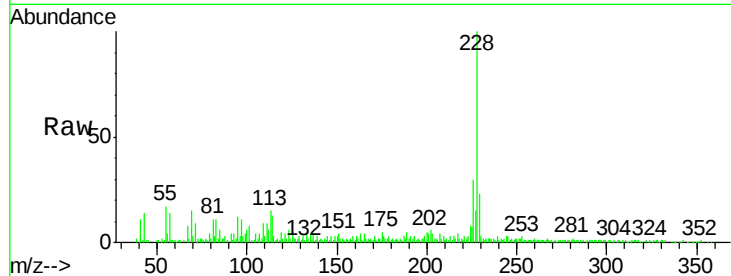
Tot Ion:228 Resp: 91771

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

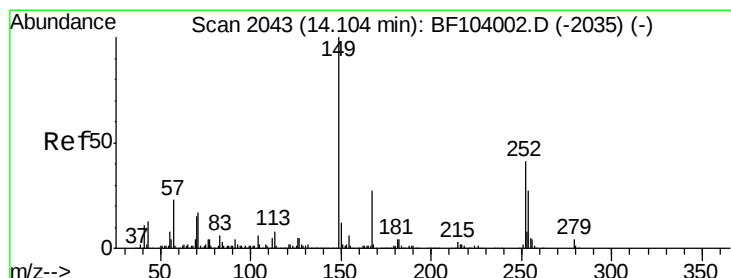
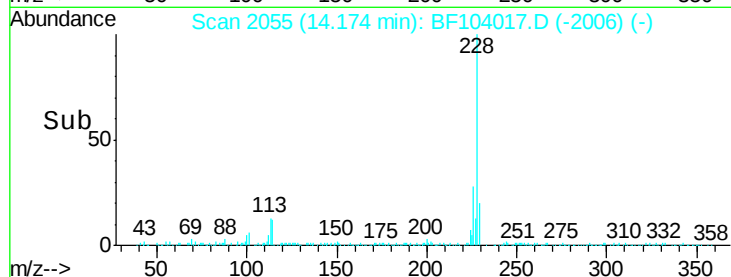
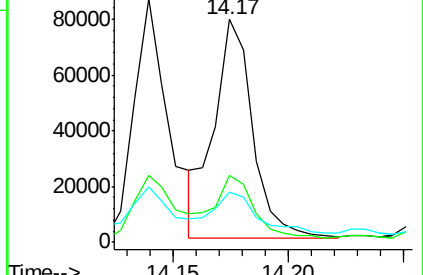
229 22.7 16.2 24.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 308.265 ng

RT: 14.10 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

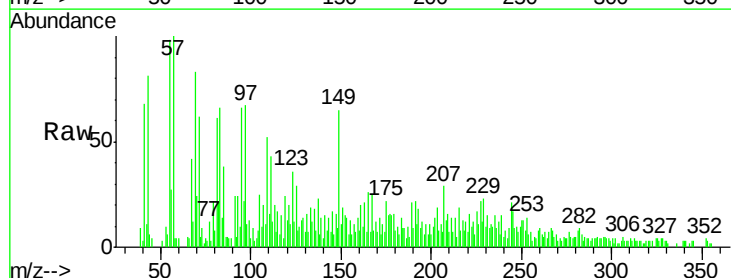
Tgt Ion:149 Resp: 5679

Ion Ratio Lower Upper

149 100

167 37.5 21.3 31.9#

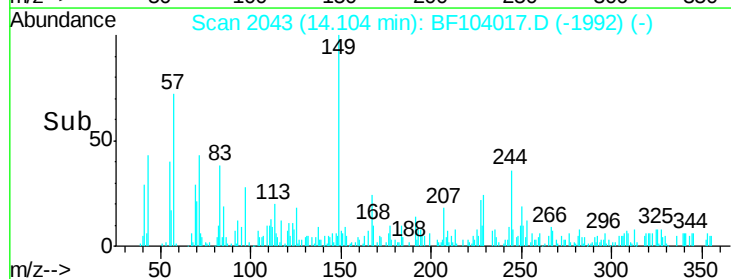
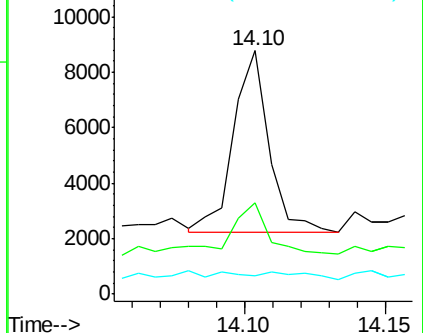
279 7.4 3.0 4.4#

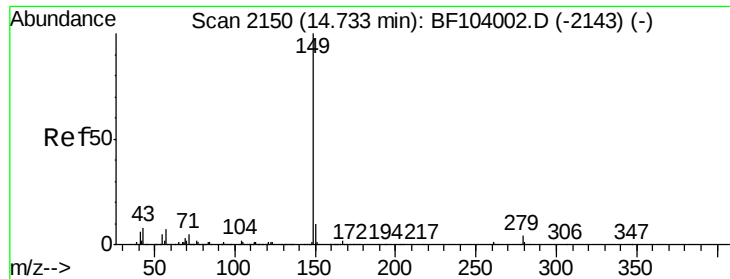


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

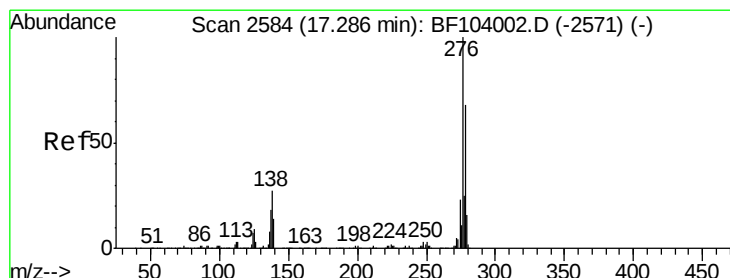
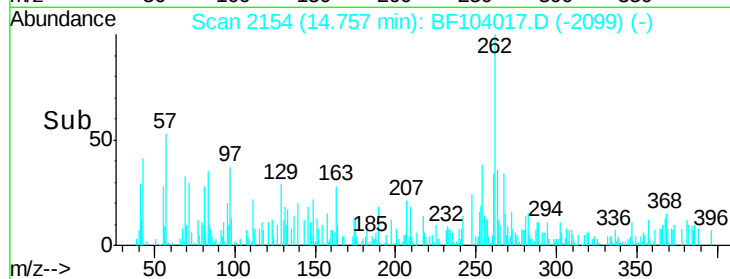
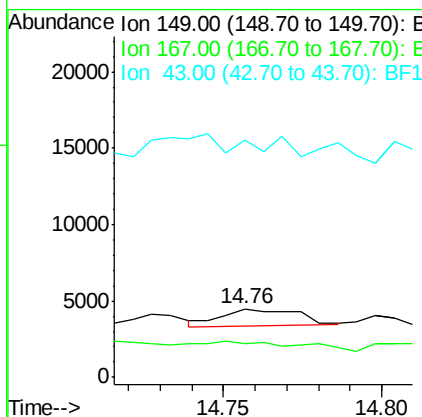
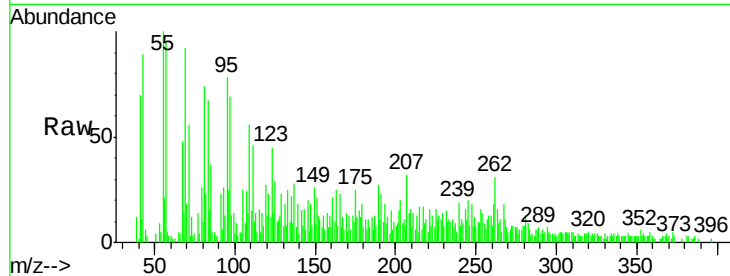




#84
Di-n-octyl phthalate
Concen: 58.252 ng
RT: 14.76 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

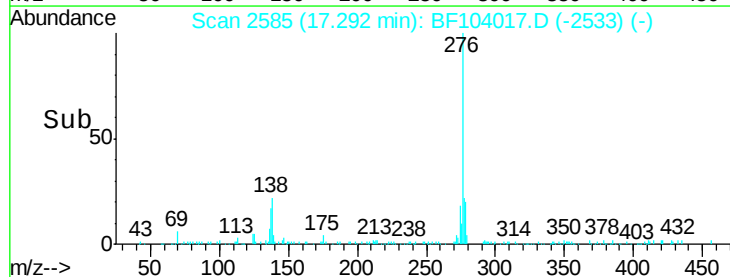
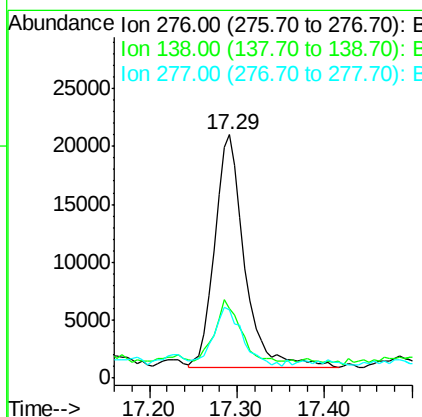
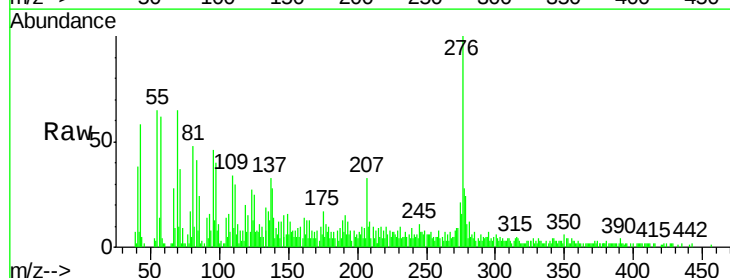
Instrument :
BNA_F
ClientSampleId :

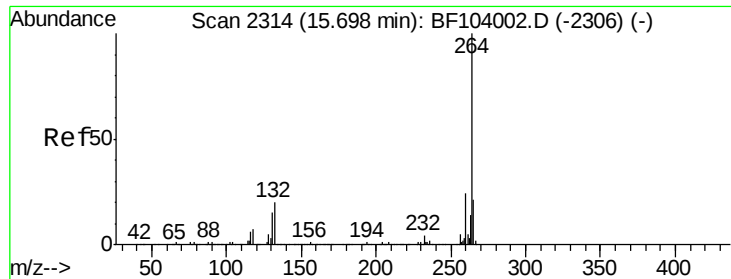
Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	1.2	1.8#
43	100.4	8.4	12.6#



#85
Indeno(1,2,3-cd)pyrene
Concen: 1776.648 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	25.0	37.6#
277	23.8	20.1	30.1

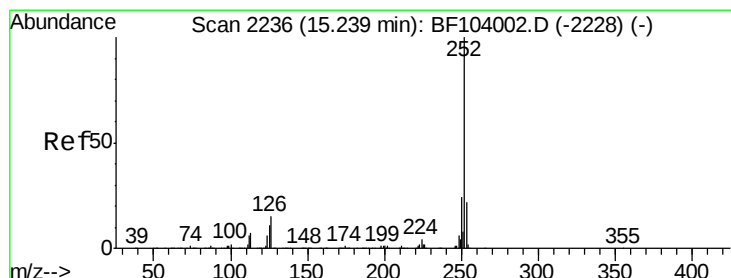
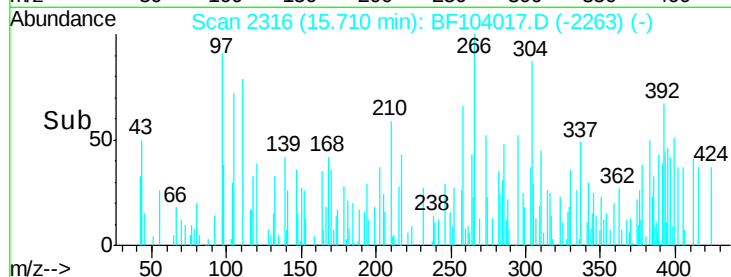
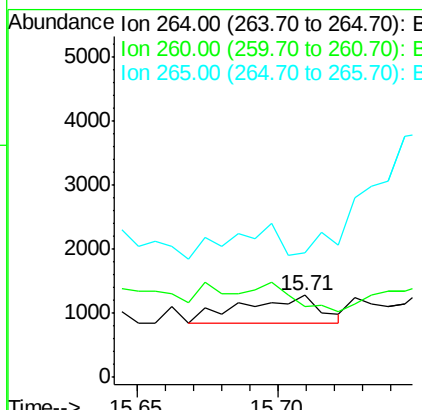
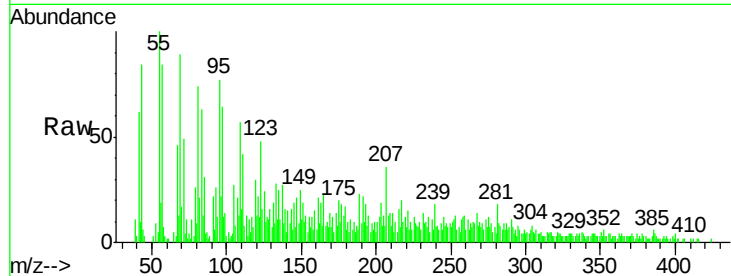




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.71 min Scan# 2316
 Delta R.T. 0.01 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

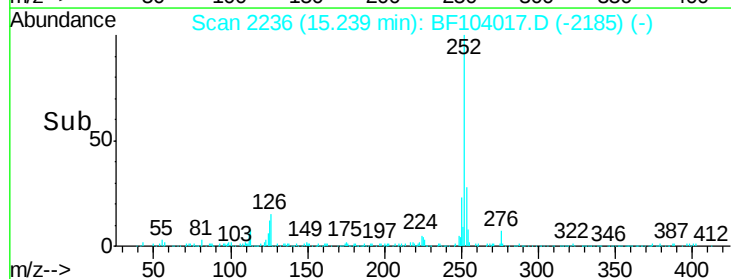
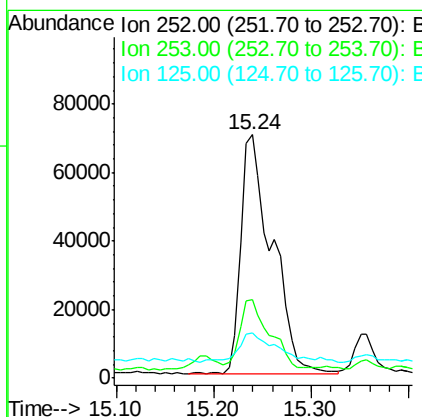
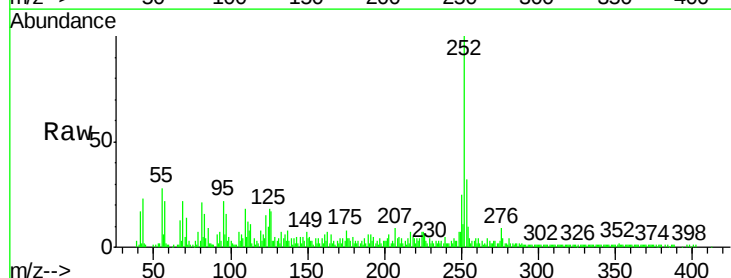
Instrument :
 BNA_F
 ClientSampleId :

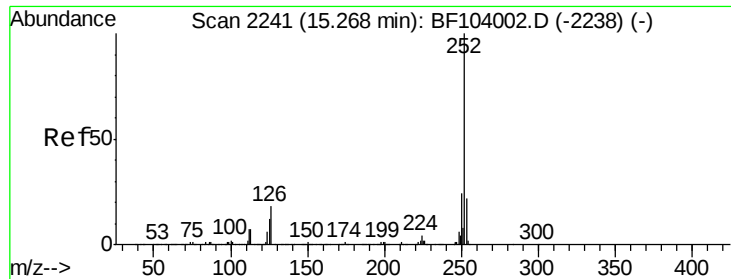
Tot Ion:264 Resp: 829
 Ion Ratio Lower Upper
 264 100
 260 86.3 19.2 28.8#
 265 151.8 17.5 26.3#



#87
 Benzo(b)fluoranthene
 Concen: 3065.679 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

Tgt Ion:252 Resp: 154670
 Ion Ratio Lower Upper
 252 100
 253 32.5 17.0 25.6#
 125 18.4 9.0 13.6#

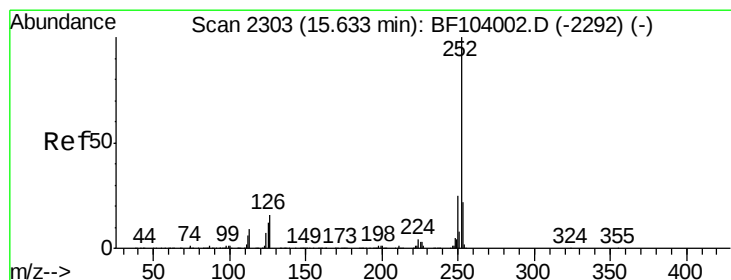
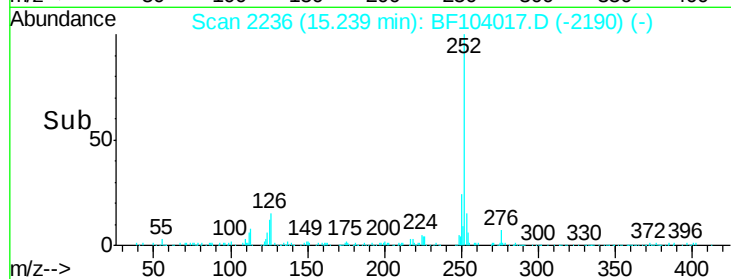
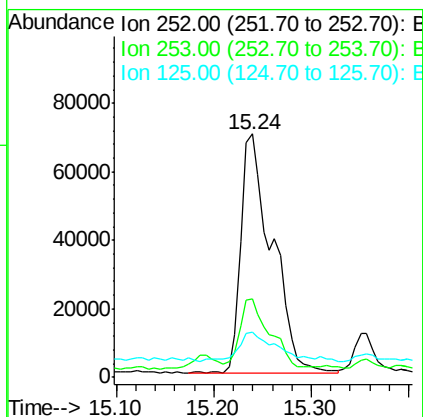
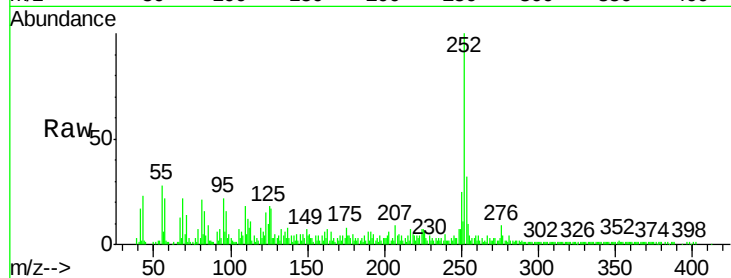




#88
Benzo(k)fluoranthene
Concen: 3254.416 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

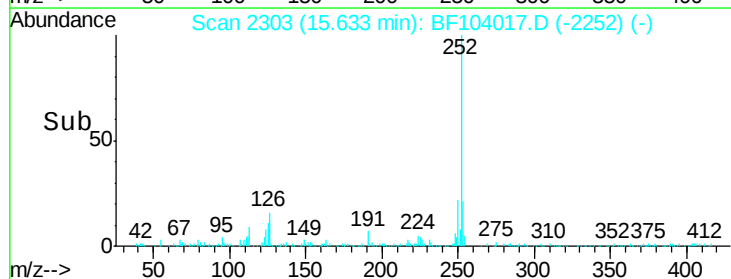
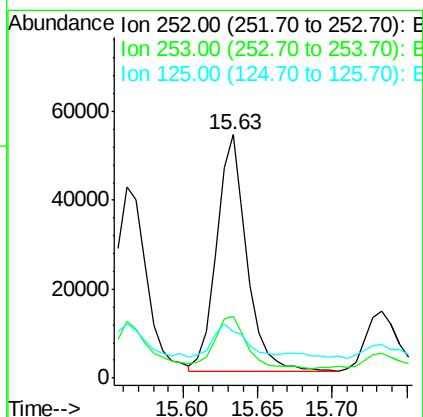
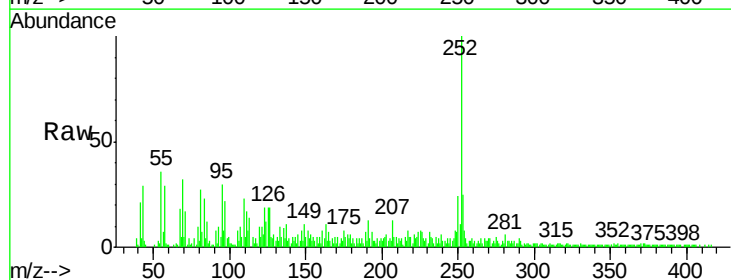
Instrument :
BNA_F
ClientSampleId :

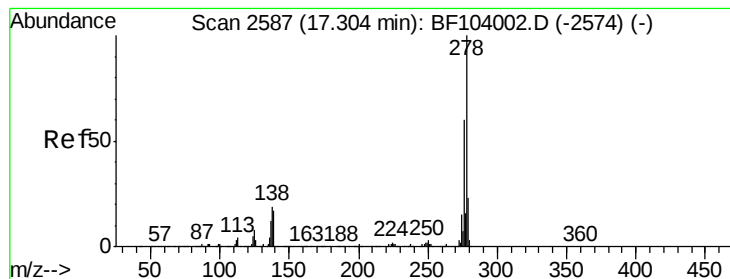
Tot Ion:252 Resp: 154670
Ion Ratio Lower Upper
252 100
253 32.5 17.9 26.9#
125 18.4 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 1608.001 ng
RT: 15.63 min Scan# 2303
Delta R.T. 0.00 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Tgt Ion:252 Resp: 75180
Ion Ratio Lower Upper
252 100
253 25.2 17.1 25.7
125 19.4 9.8 14.6#





#90

Dibenzo(a,h)anthracene

Concen: 268.792 ng

RT: 17.30 min Scan# 2587

Delta R.T. 0.00 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

Instrument :

BNA_F

ClientSampleId :

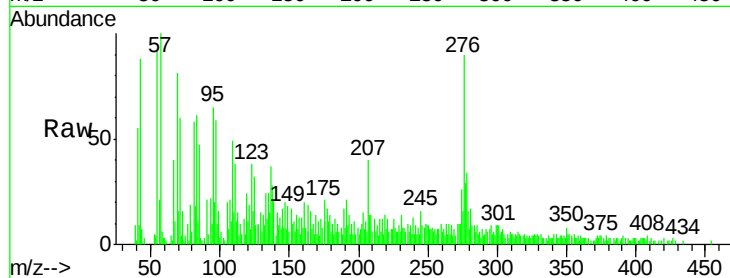
Tot Ion:278 Resp: 11619

Ion Ratio Lower Upper

278 100

139 60.7 15.9 23.9#

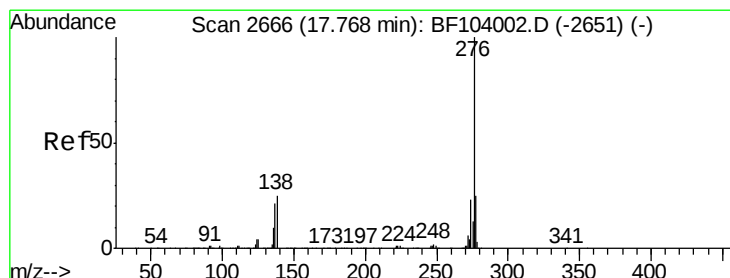
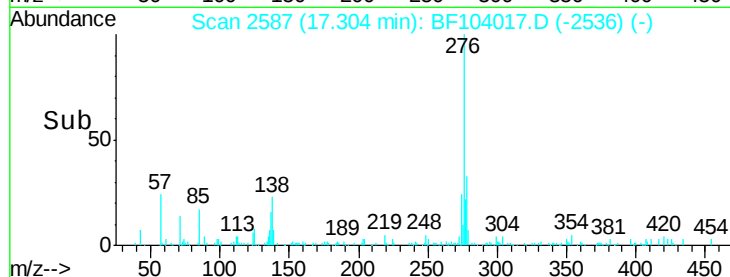
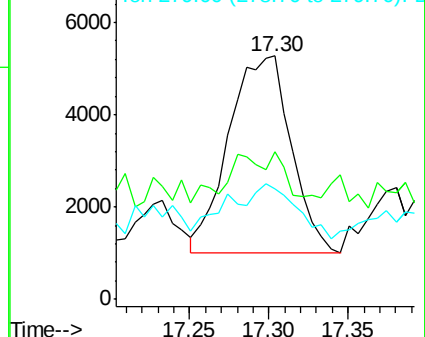
279 45.5 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 1088.879 ng

RT: 17.78 min Scan# 2668

Delta R.T. 0.01 min

Lab File: BF104017.D

Acq: 28 Mar 2018 18:30

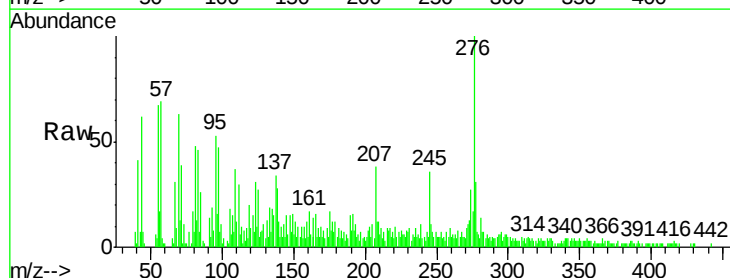
Tgt Ion:276 Resp: 47145

Ion Ratio Lower Upper

276 100

277 31.3 17.9 26.9#

138 27.9 21.8 32.8



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

