

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 :
 CL-02-032718-E

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

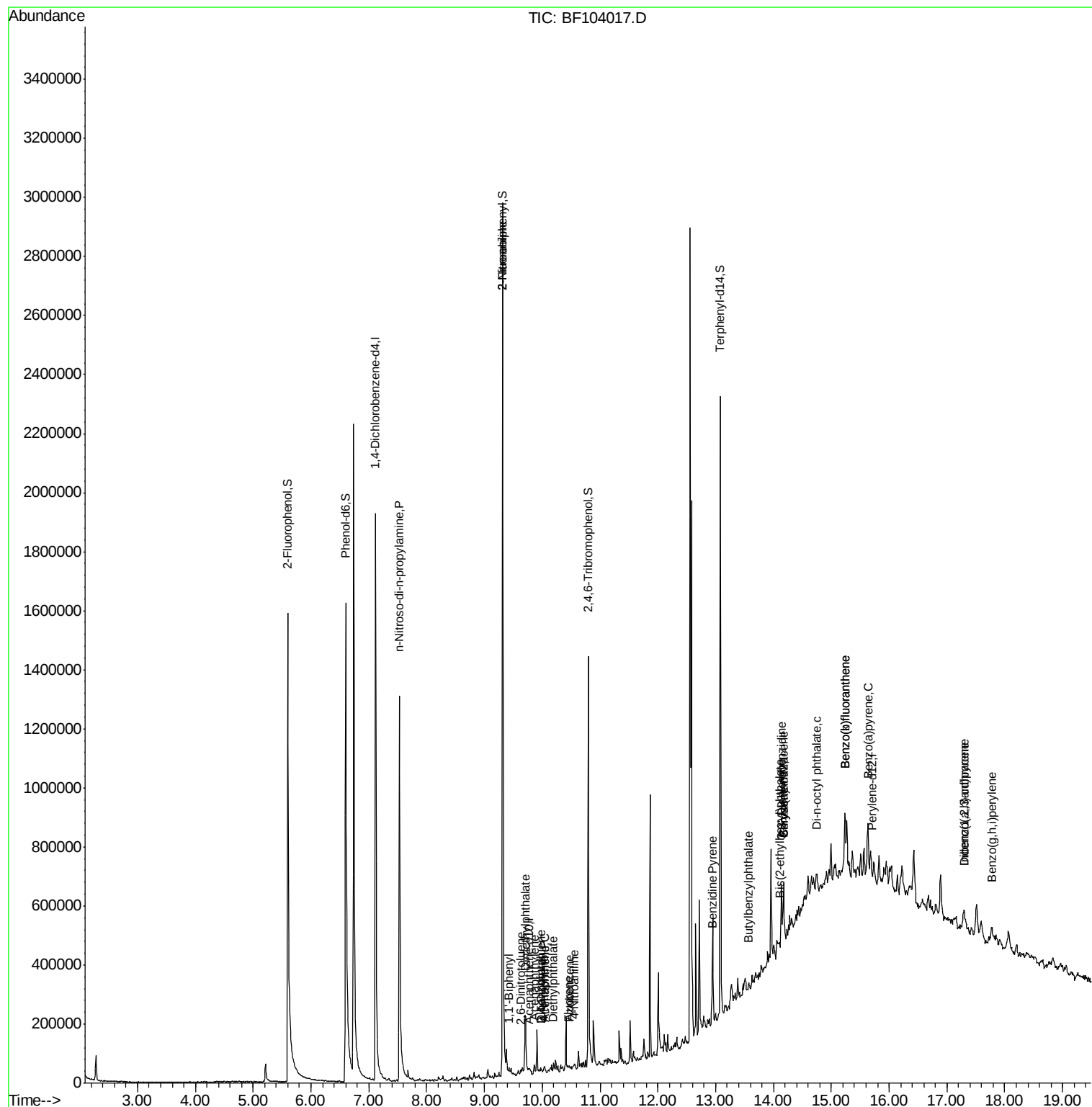
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.12	152	405748	20.00	ng	0.15
21) Naphthalene-d8	0.00	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	9.78	164	270	20.00	ng	-0.22
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-11.50
75) Chrysene-d12	14.17	240	421	20.00	ng	0.02
86) 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	#	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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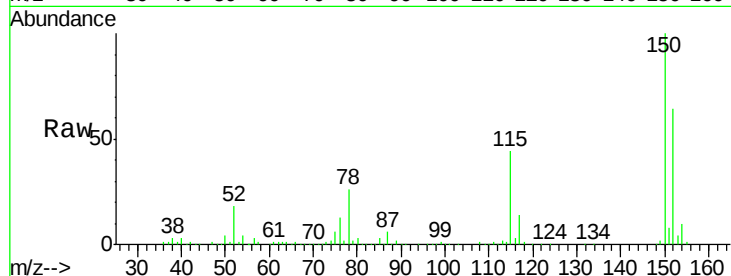


#1

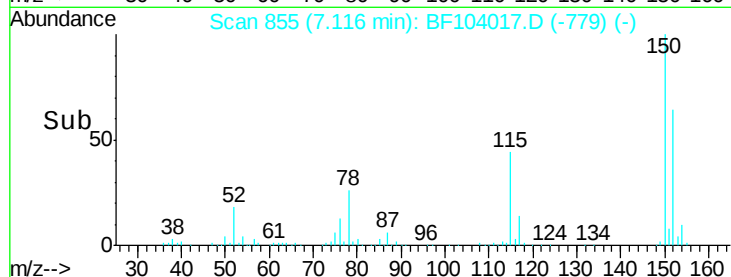
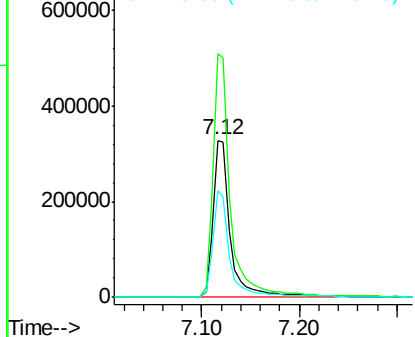
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.15 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

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



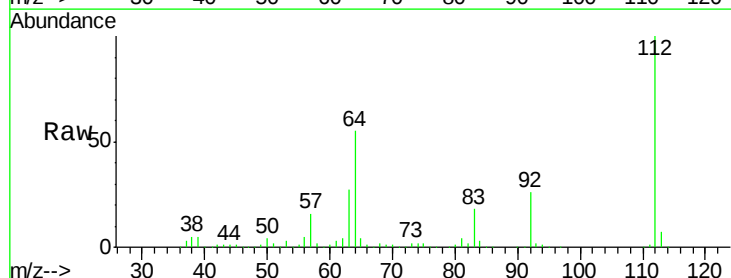
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



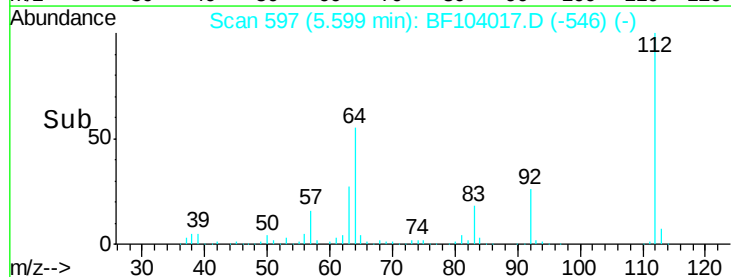
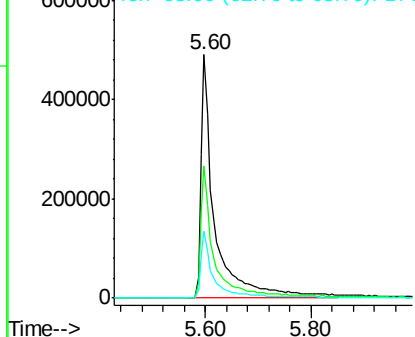
#5

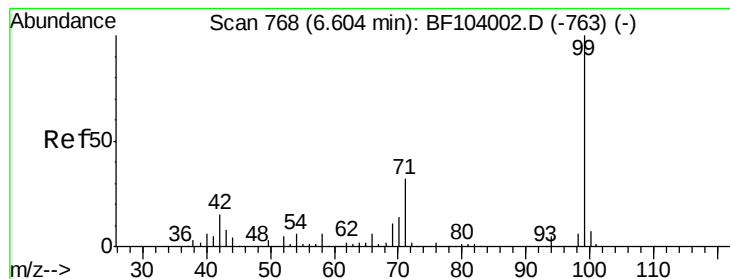
2-Fluorophenol
Concen: 35.267 ng
RT: 5.60 min Scan# 597
Delta R.T. 0.00 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

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 :

CL-02-032718-E

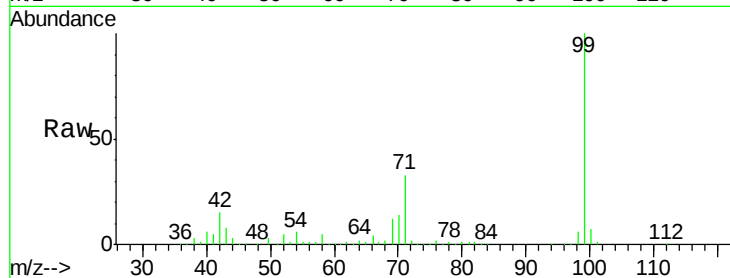
Tot Ion: 99 Resp: 1135777

Ion Ratio Lower Upper

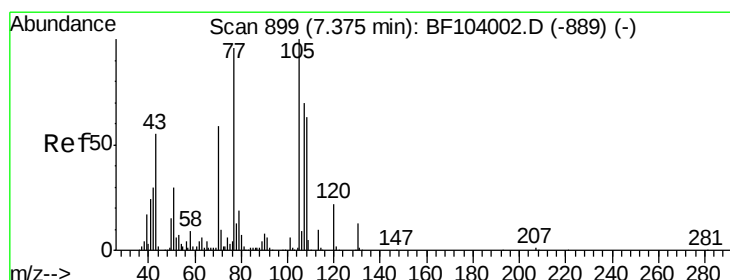
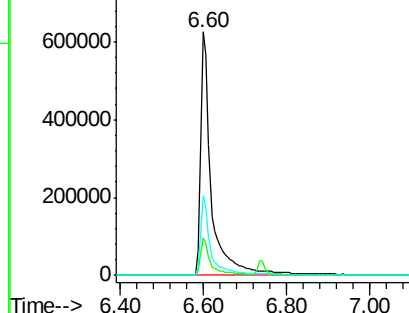
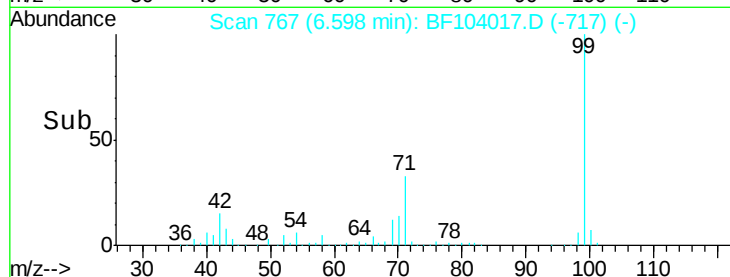
99 100

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

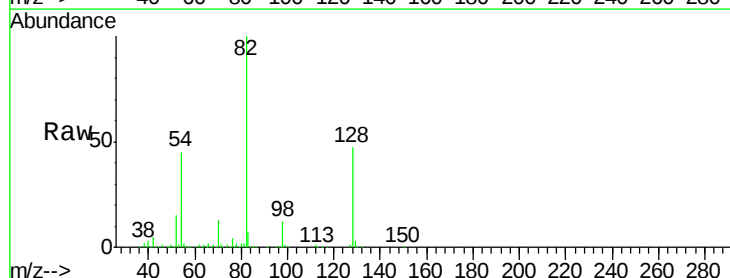
Ion Ratio Lower Upper

70 100

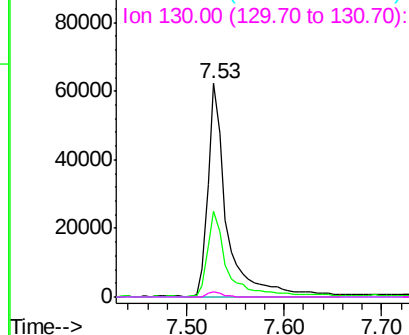
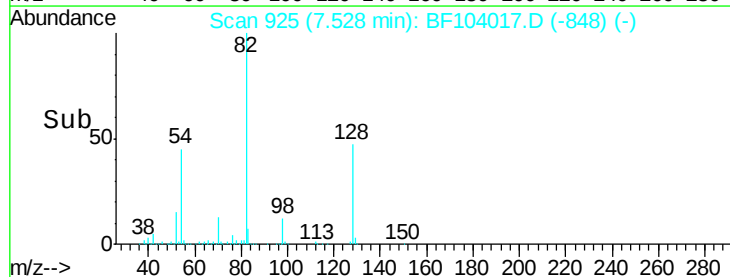
42 40.5 47.5 71.3#

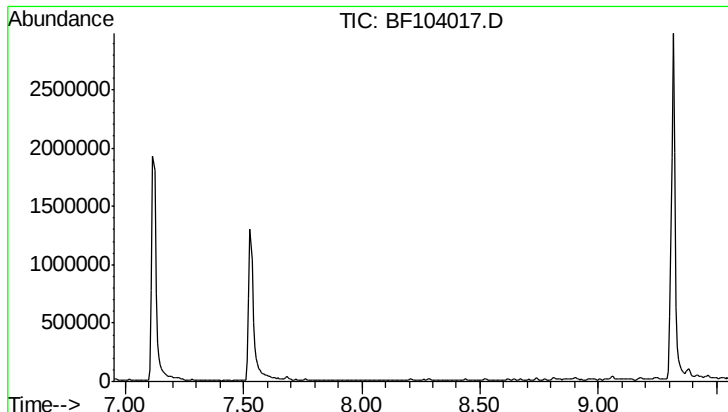
101 0.0 7.4 11.2#

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



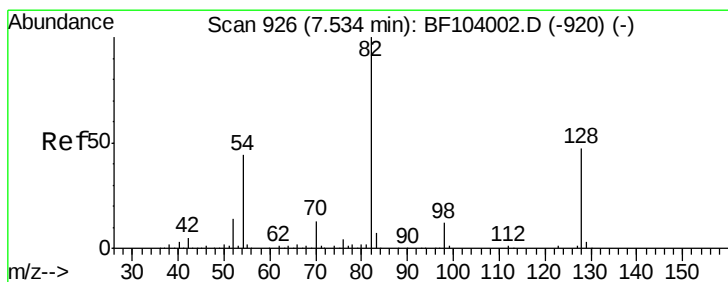
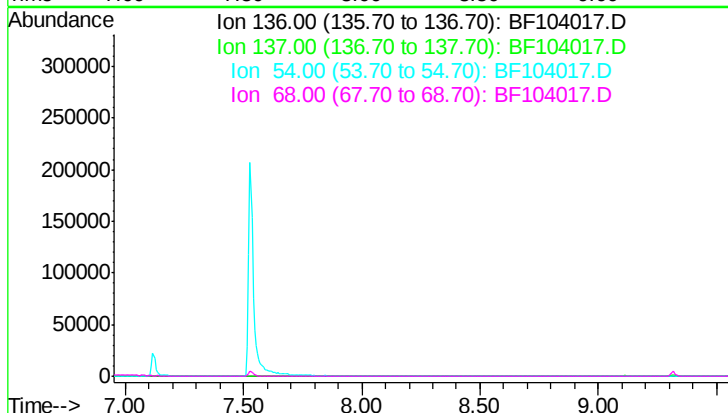


#21
Naphthalene-d8
Concen: 0.000 ng
Expected RT: 8.25 min

Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

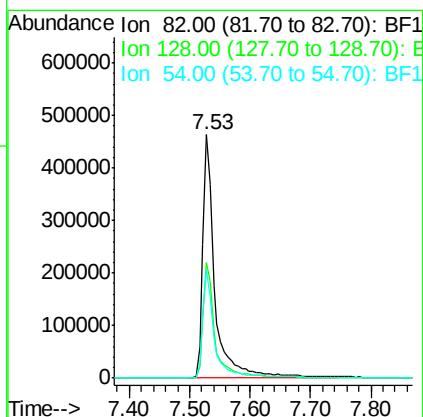
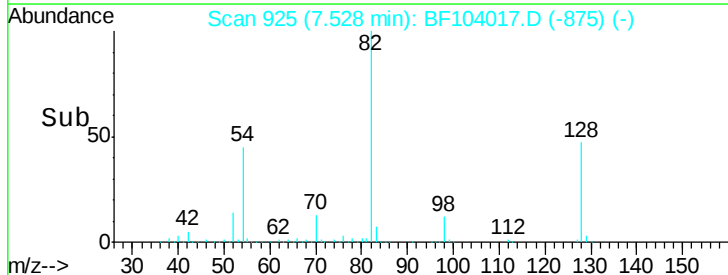
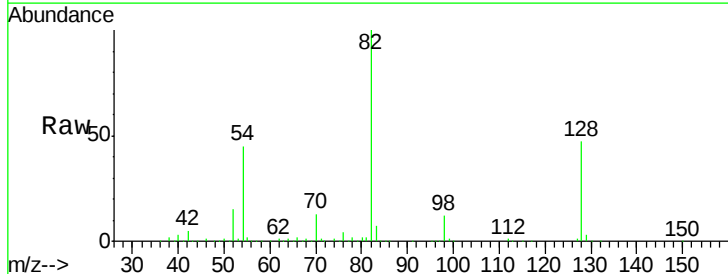
Instrument :
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CL-02-032718-E

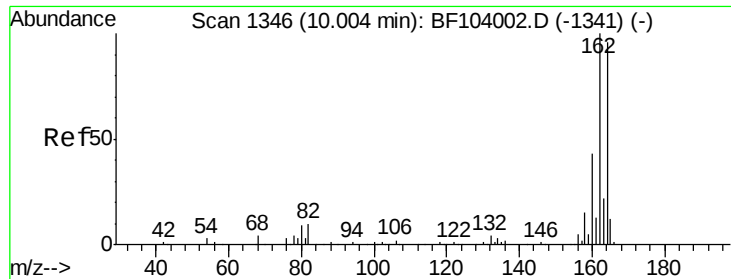
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.1
54 8.2
68 6.2



#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

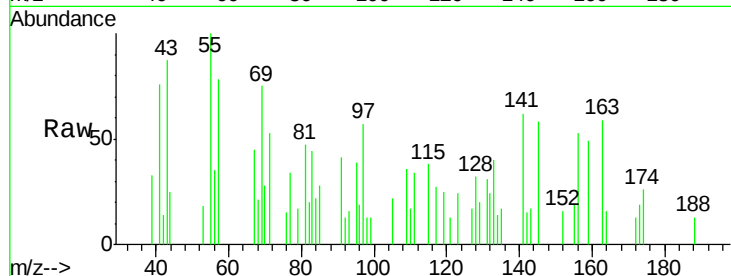




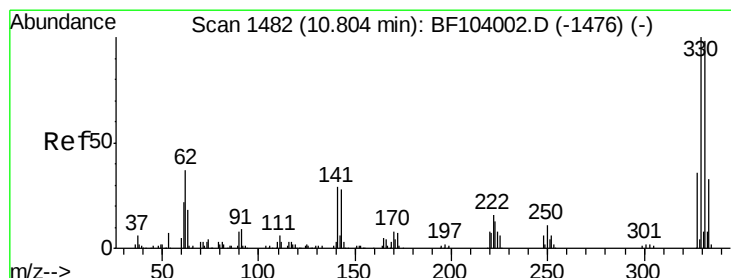
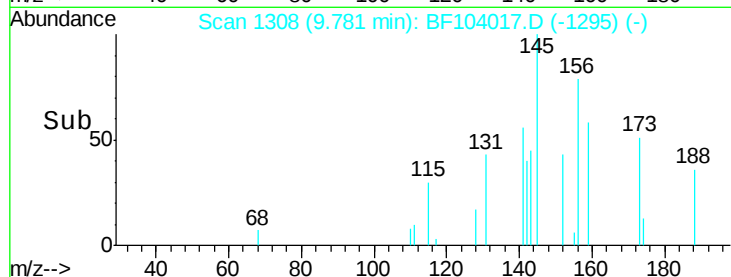
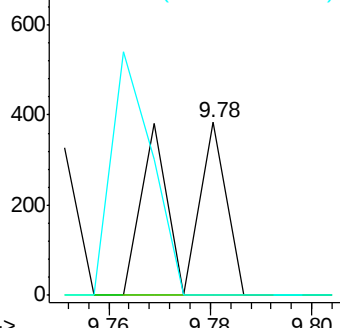
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.22 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

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#

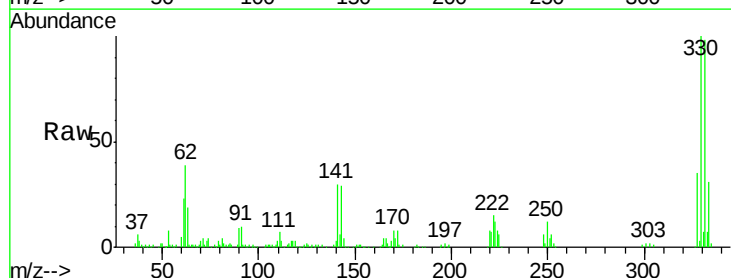


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

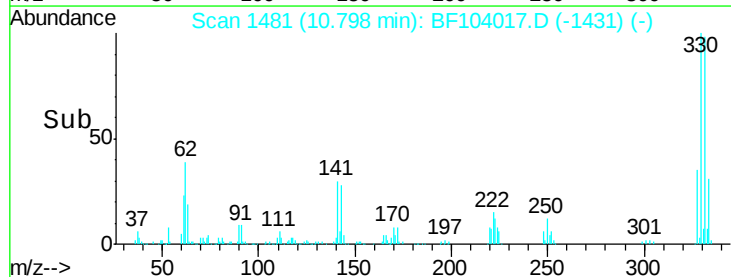
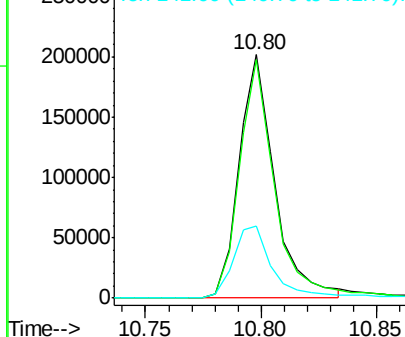


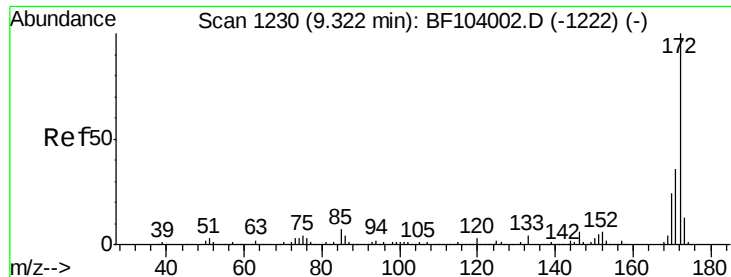
#41
2,4,6-Tribromophenol
Concen: 71987.093 ng
RT: 10.80 min Scan# 1481
Delta R.T. -0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

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

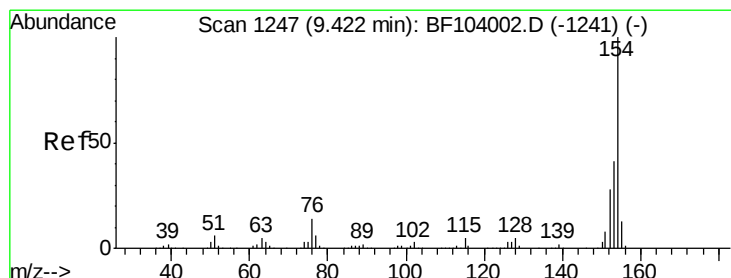
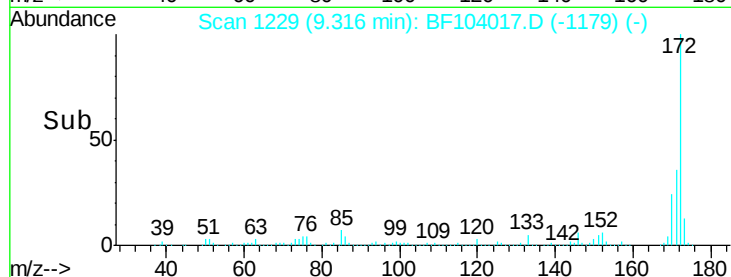
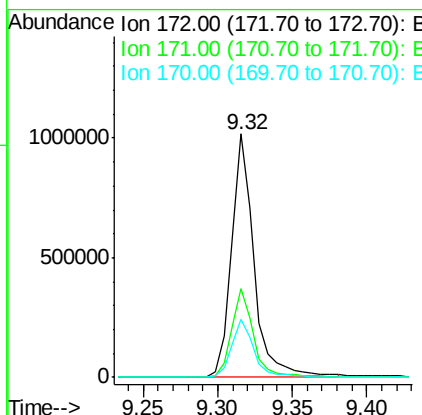
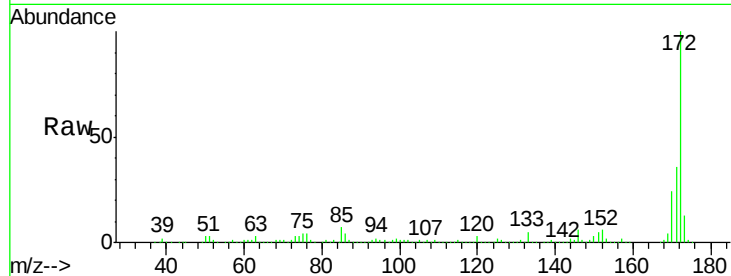




#44
2-Fluorobiphenyl
Concen: 63731.137 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

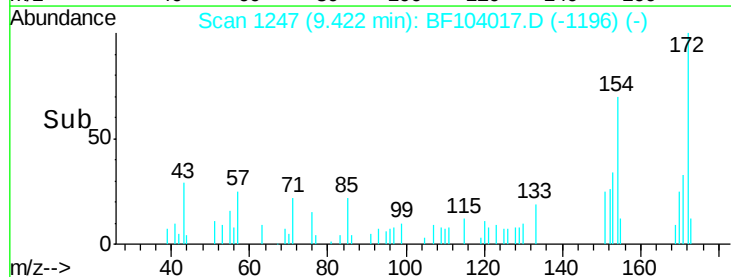
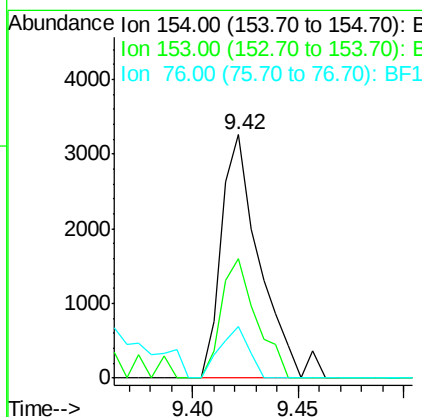
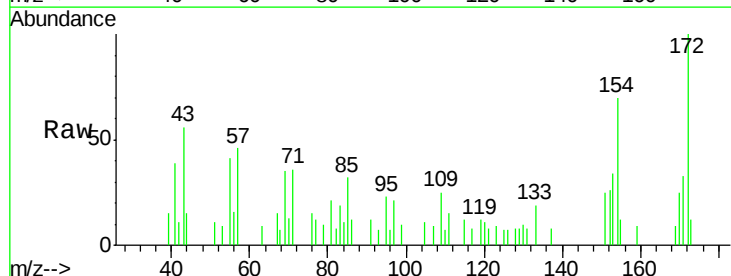
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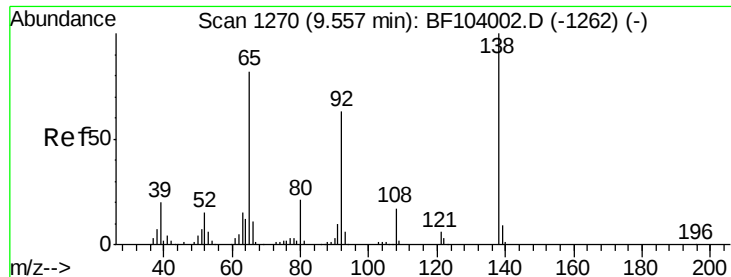
Tot Ion:172 Resp: 1091206
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 23.9 19.6 29.4



#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

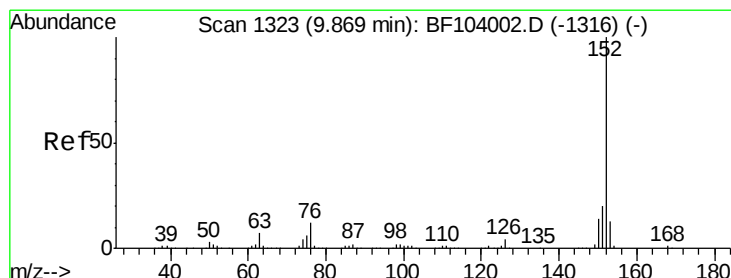
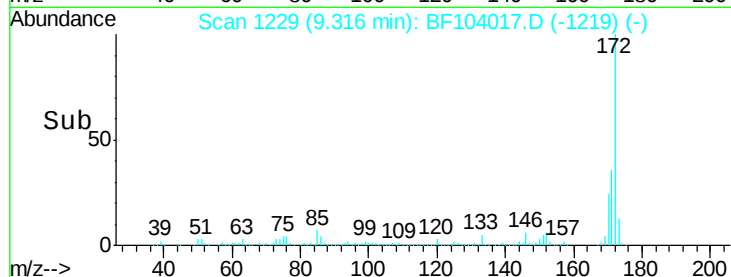
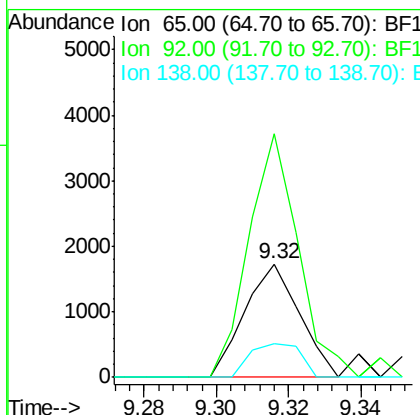
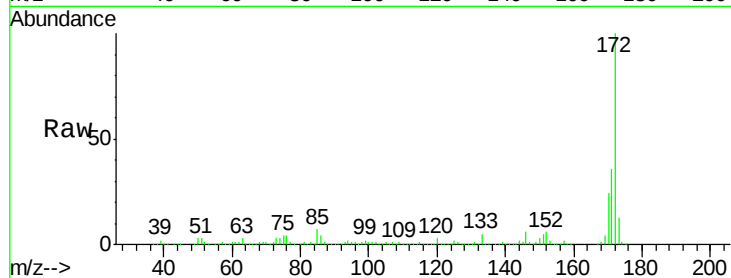




#47
2-Nitroaniline
Concen: 345.910 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.24 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

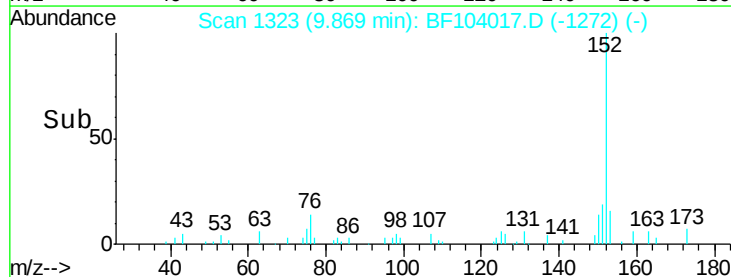
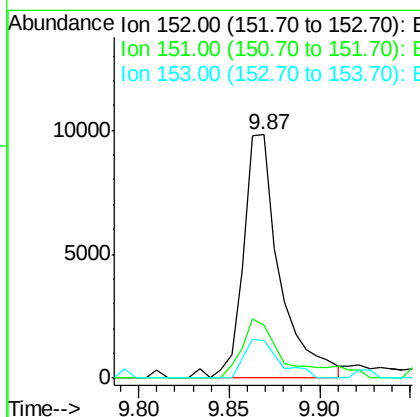
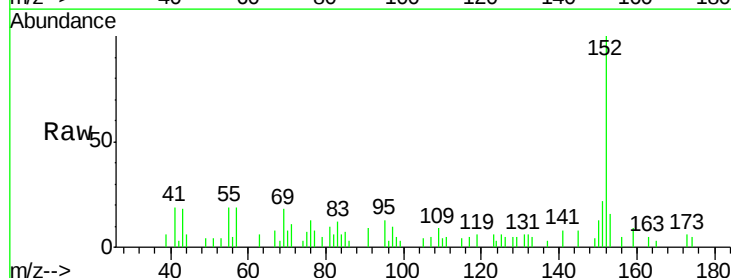
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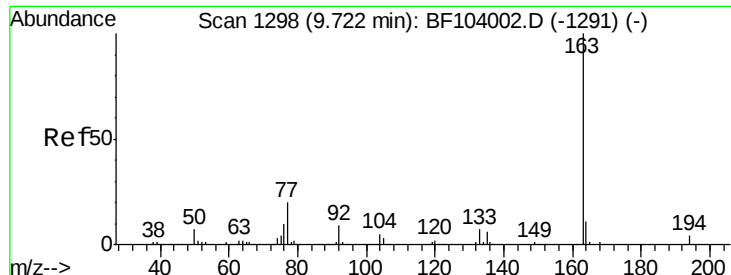
Tot Ion: 65 Resp: 1803
Ion Ratio Lower Upper
65 100
92 215.3 55.8 83.6#
138 29.5 91.2 136.8#



#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

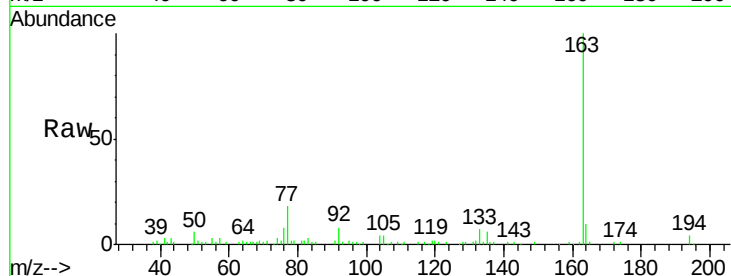




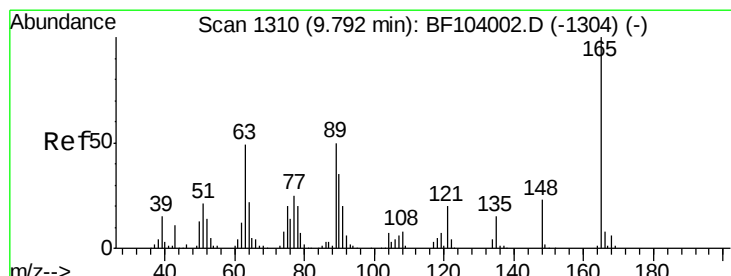
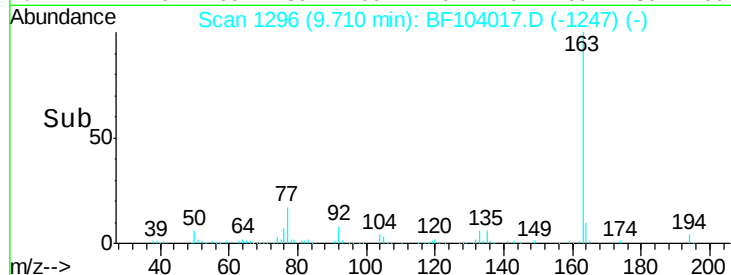
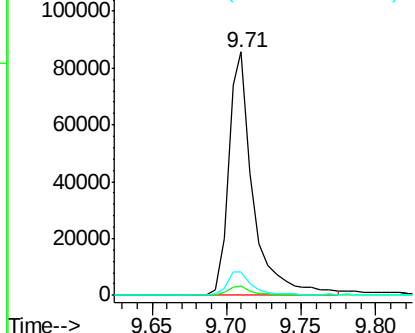
#49
Dimethylphthalate
Concen: 4651.654 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

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

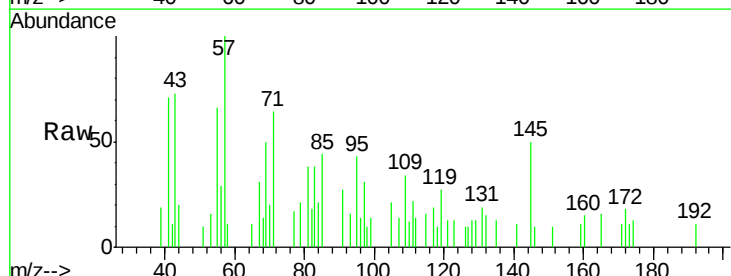


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

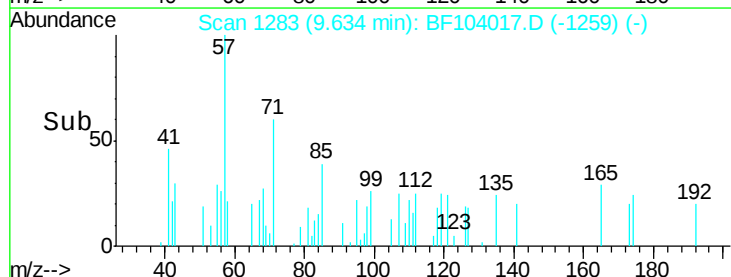
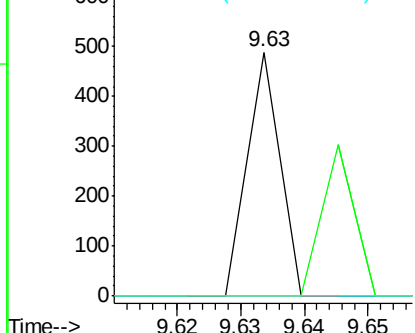


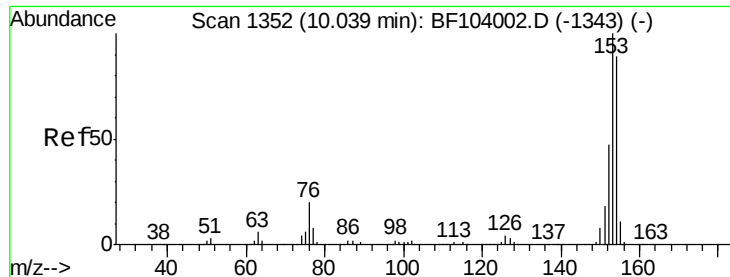
#50
2,6-Dinitrotoluene
Concen: 37.503 ng
RT: 9.63 min Scan# 1283
Delta R.T. -0.16 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

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 :

CL-02-032718-E

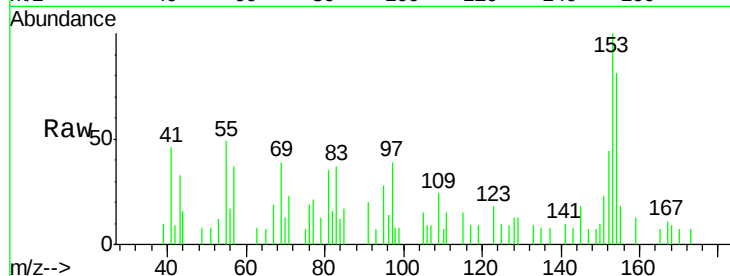
Tot Ion:154 Resp: 4047

Ion Ratio Lower Upper

154 100

153 123.9 91.2 136.8

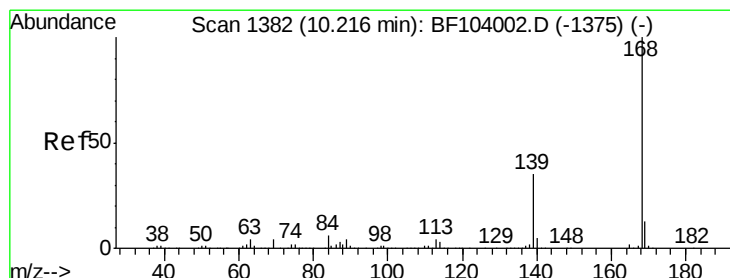
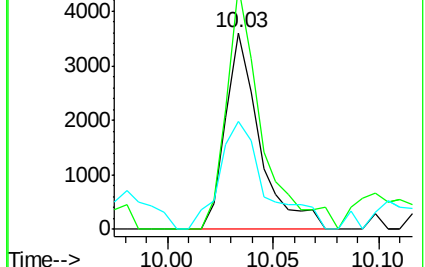
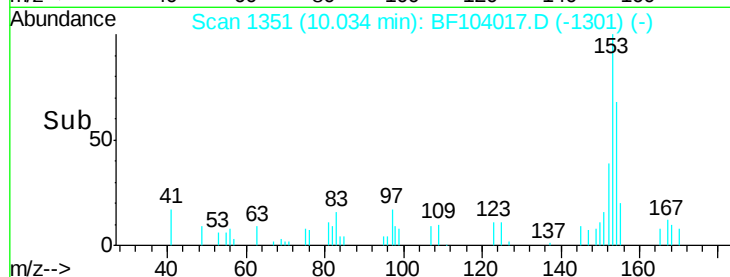
152 55.0 43.8 65.8



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

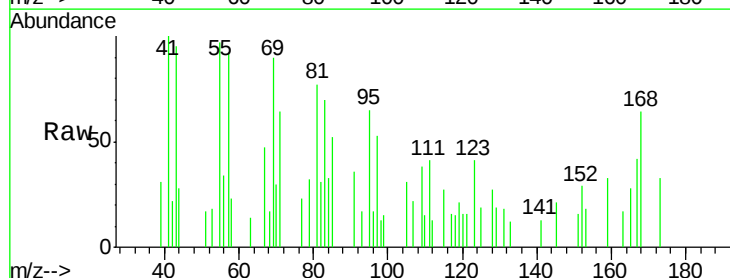
Tgt Ion:168 Resp: 1470

Ion Ratio Lower Upper

168 100

139 0.0 30.1 45.1#

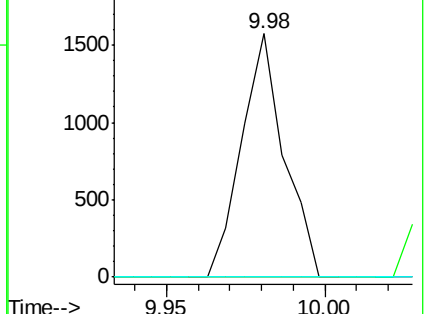
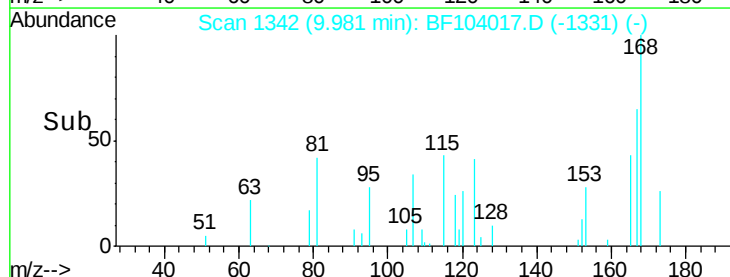
169 0.0 10.9 16.3#

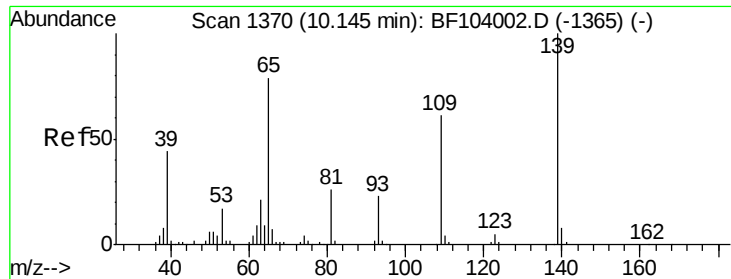


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

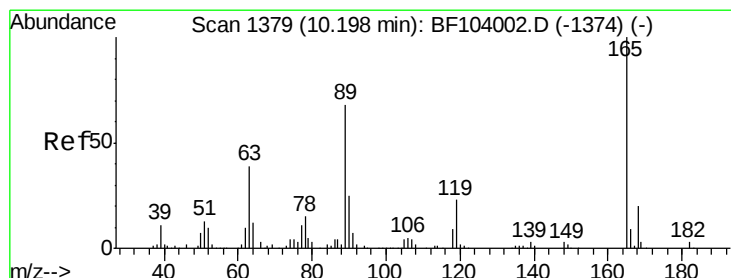
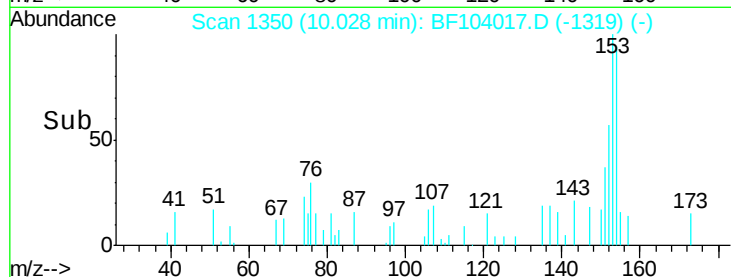
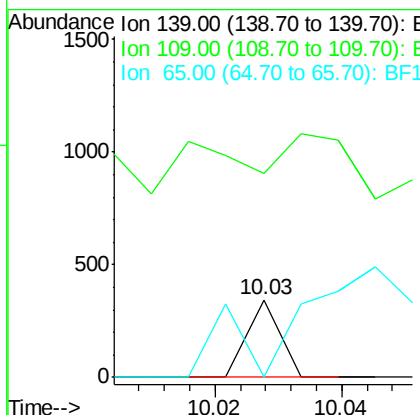
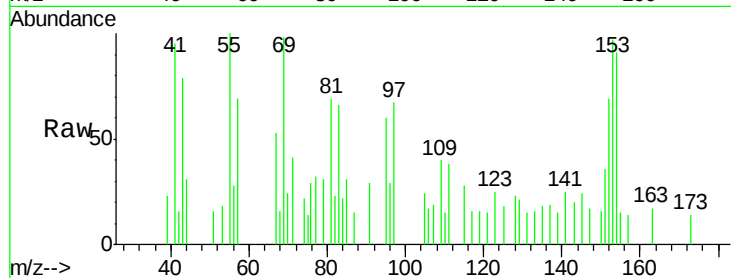




#55
4-Nitrophenol
Concen: 38.277 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.12 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

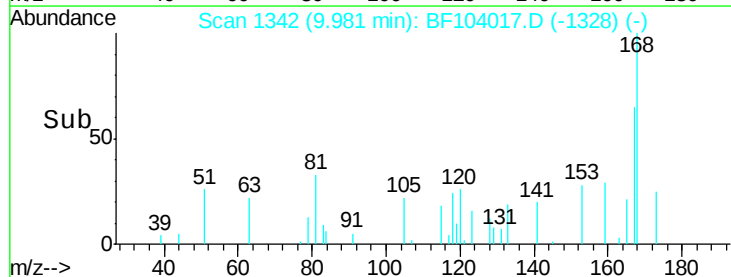
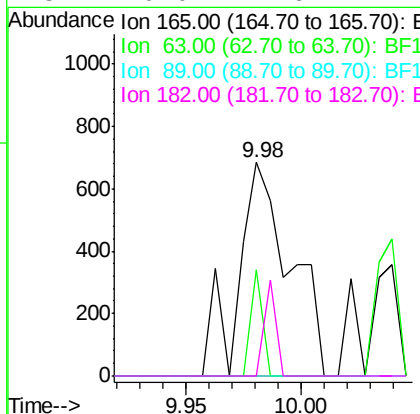
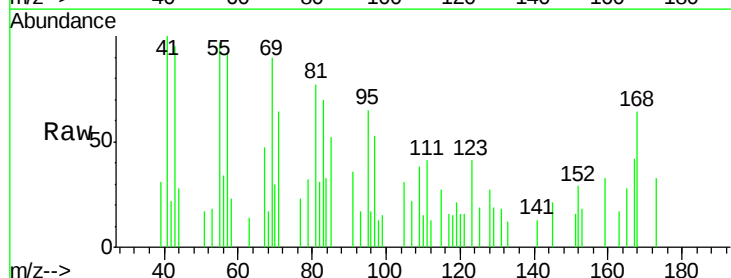
Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

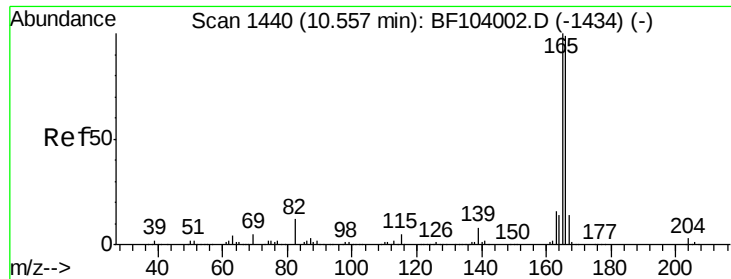
Tot Ion:139 Resp: 121
Ion Ratio Lower Upper
139 100
109 264.0 48.4 88.4#
65 0.0 72.6 112.6#



#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:165 Resp: 1077
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#

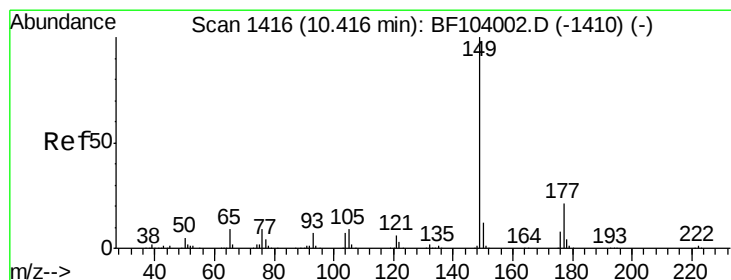
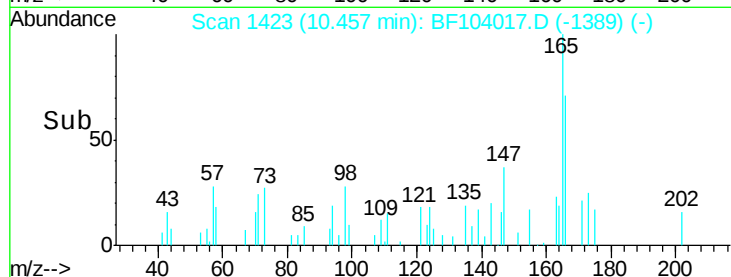
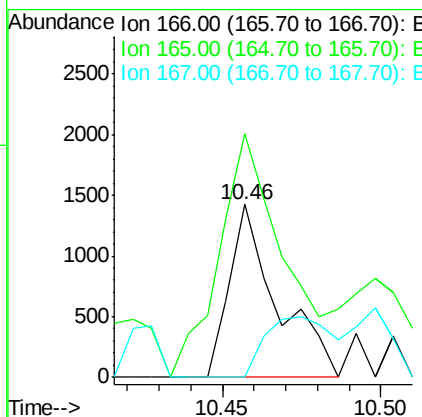
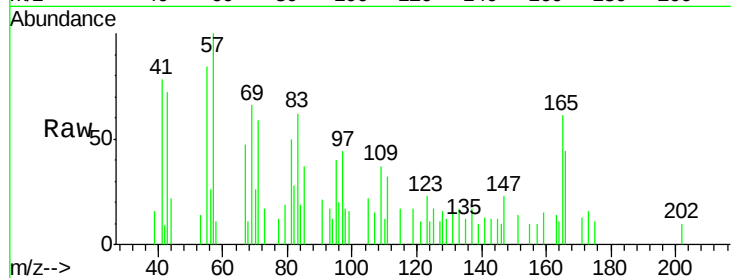




#57
 Fluorene
 Concen: 76.798 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.10 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

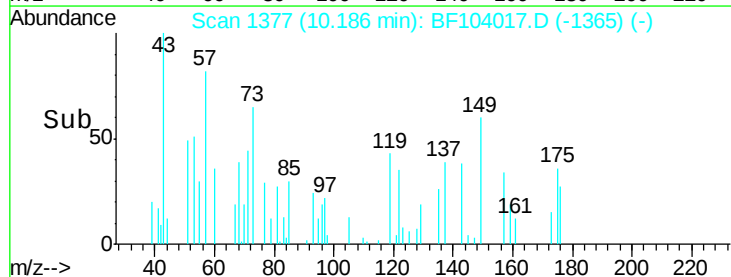
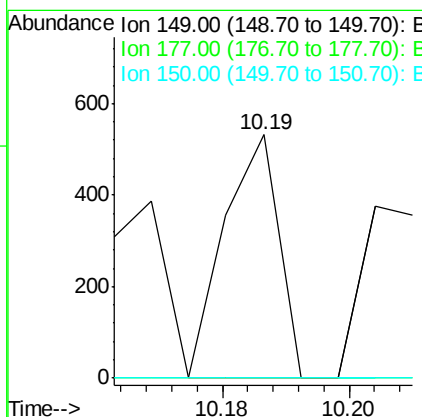
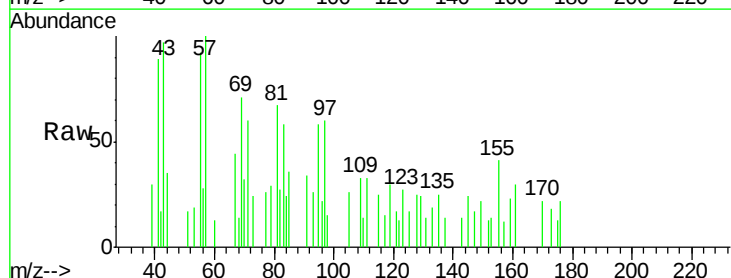
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-E

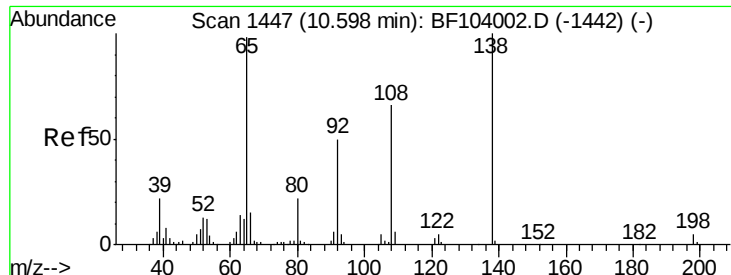
Tot Ion:166 Resp: 1482
 Ion Ratio Lower Upper
 166 100
 165 140.8 79.8 119.8#
 167 0.0 10.6 16.0#



#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#

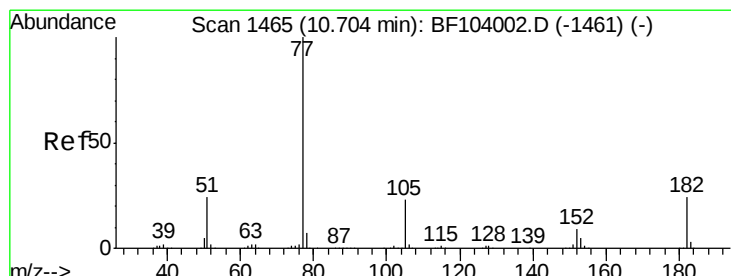
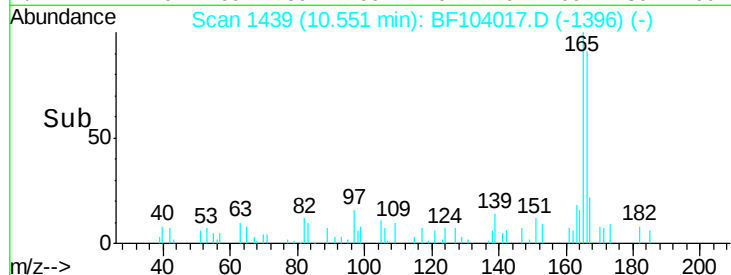
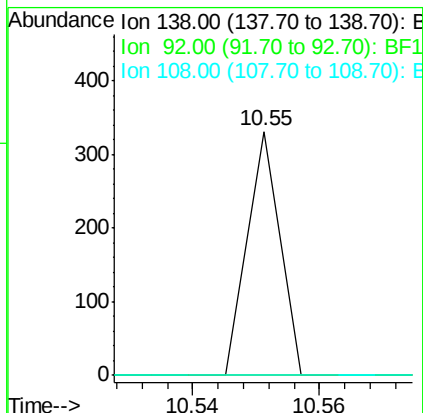
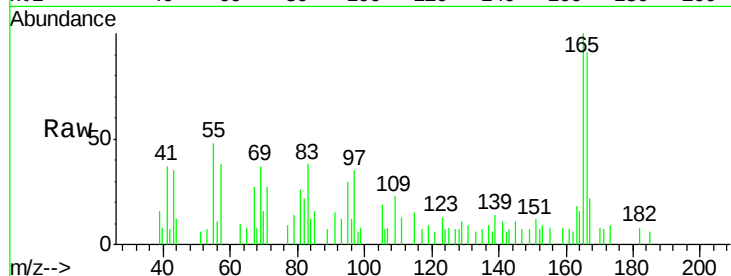




#61
4-Nitroaniline
Concen: 23.718 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.05 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

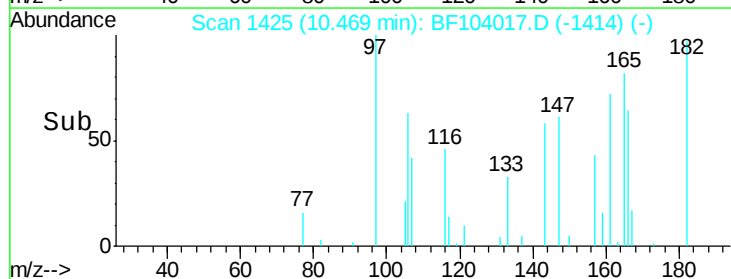
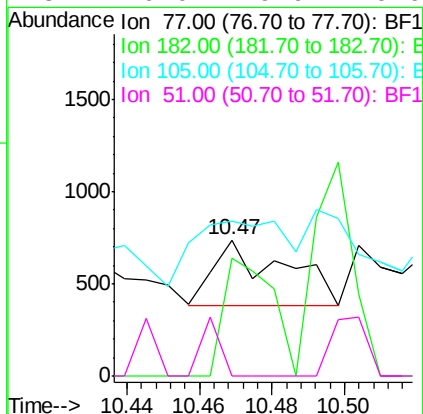
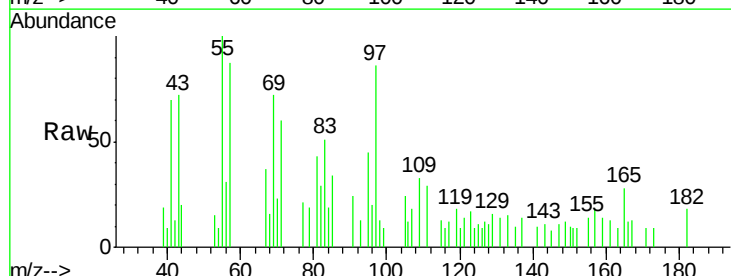
Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

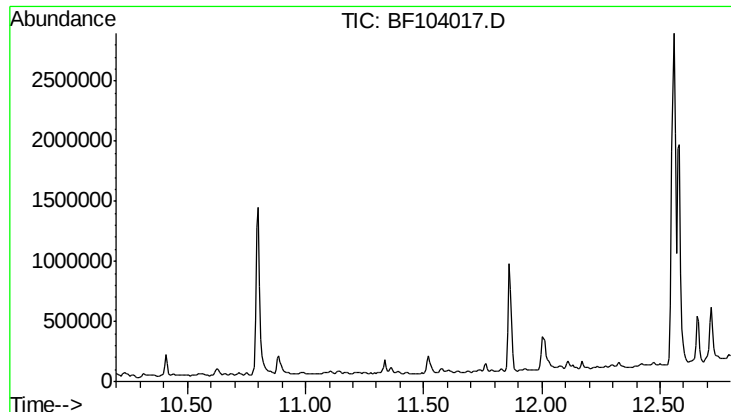
Tot Ion:138 Resp: 117
Ion Ratio Lower Upper
138 100
92 0.0 30.2 70.2#
108 0.0 52.5 92.5#



#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#

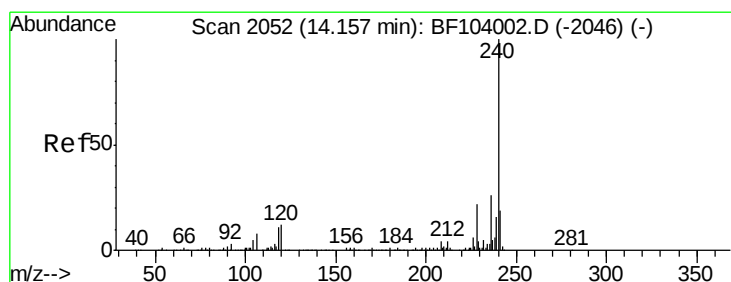
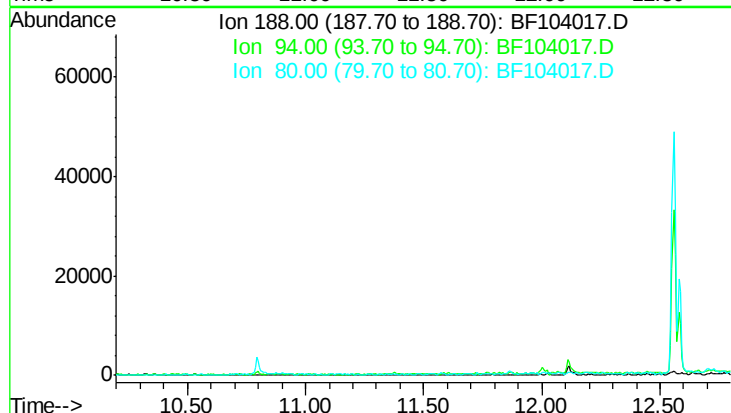




#63
 Phenanthrene-d10
 Concen: 0.000 ng
 Expected RT: 11.50 min
 Lab File: BF104017.D
 Acq: 28 Mar 2018 18:30

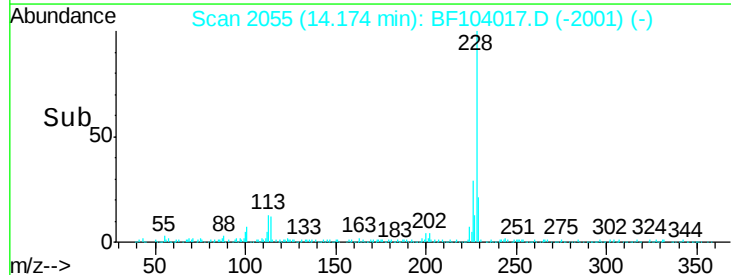
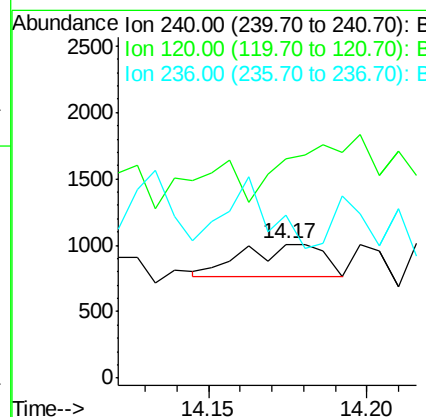
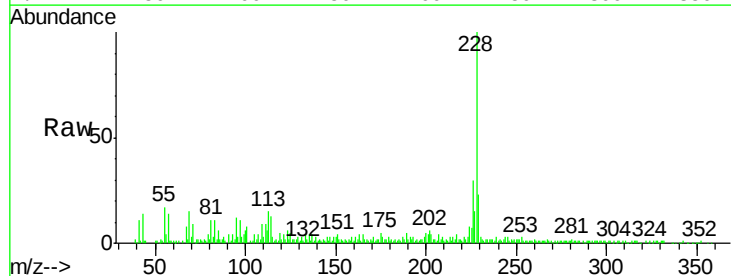
Instrument :
 BNA_F
 ClientSampleId :
 CL-02-032718-E

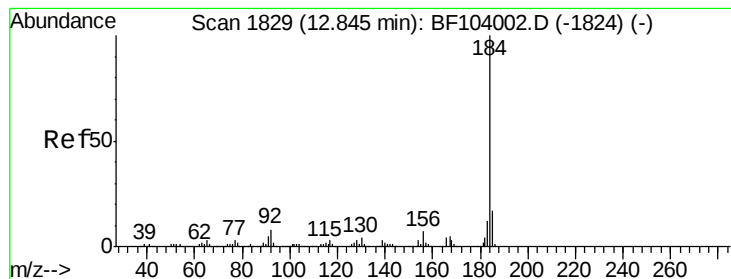
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 10.6
 80 11.5



#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 :

CL-02-032718-E

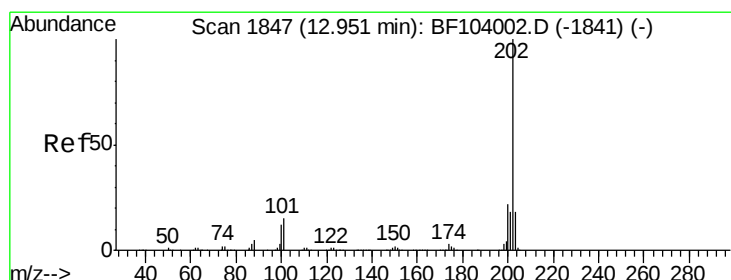
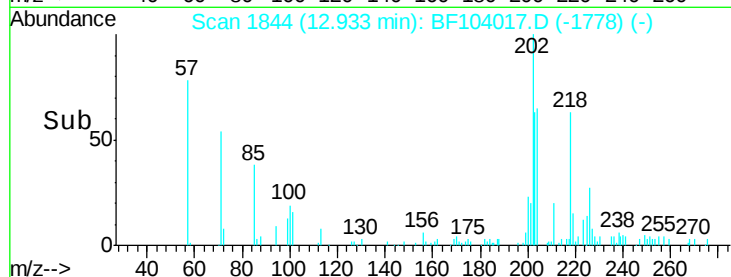
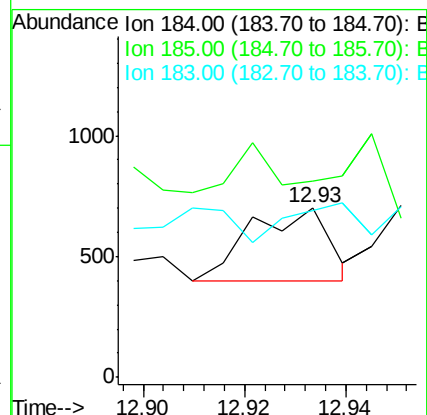
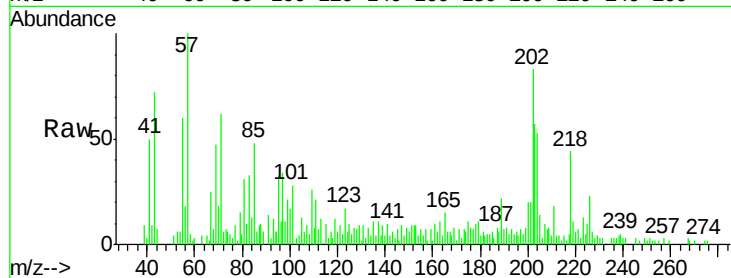
Tot Ion:184 Resp: 326

Ion Ratio Lower Upper

184 100

185 115.5 12.6 18.8#

183 98.3 9.3 13.9#



#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

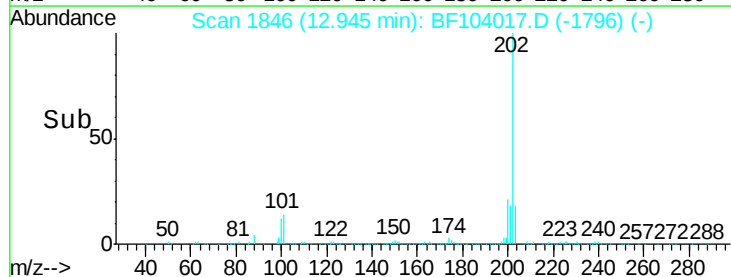
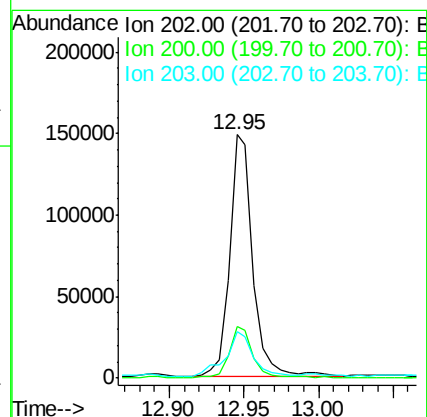
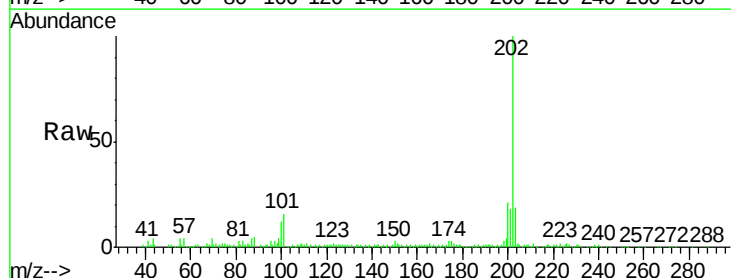
Tgt Ion:202 Resp: 163829

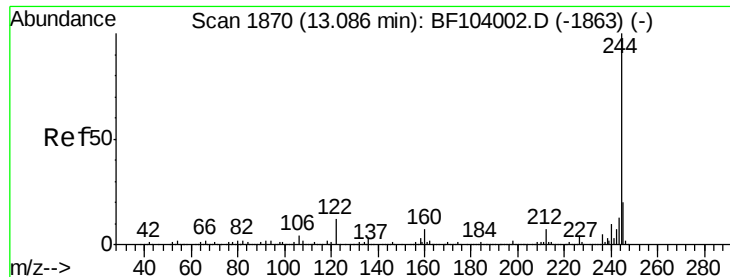
Ion Ratio Lower Upper

202 100

200 21.0 17.4 26.2

203 18.8 14.3 21.5





#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 :

CL-02-032718-E

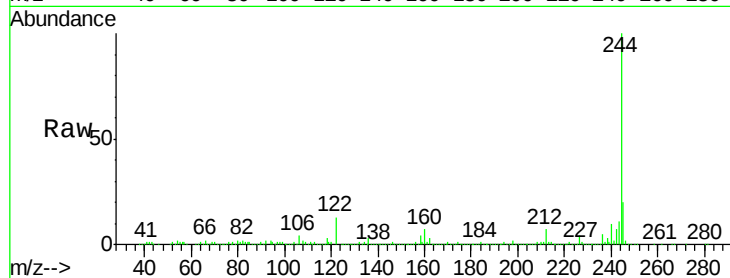
Tot Ion:244 Resp: 797395

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

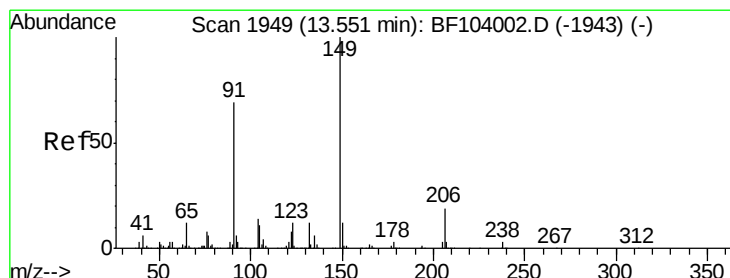
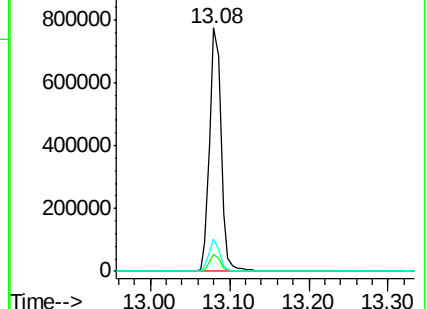
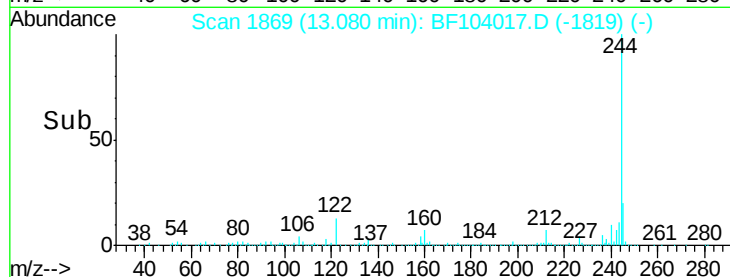
122 13.4 11.0 16.4



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

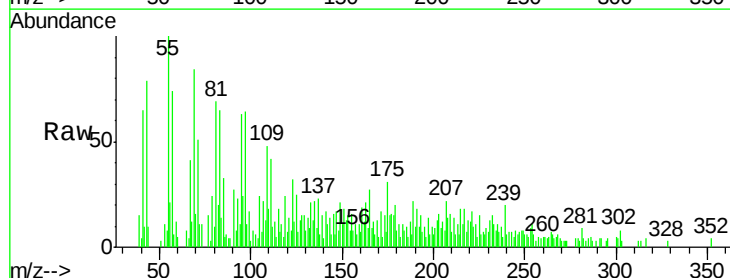
Tgt Ion:149 Resp: 349

Ion Ratio Lower Upper

149 100

91 129.4 56.8 85.2#

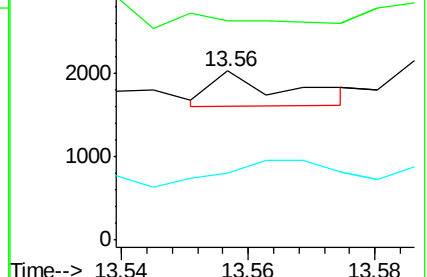
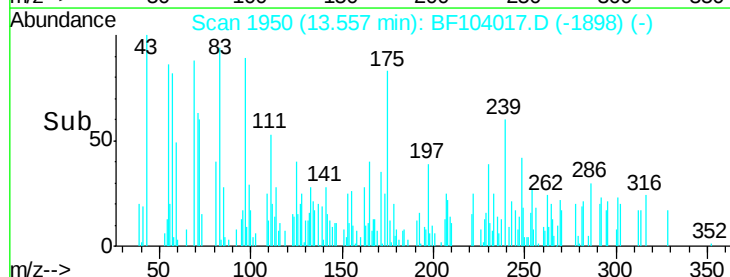
206 39.8 14.1 21.1#

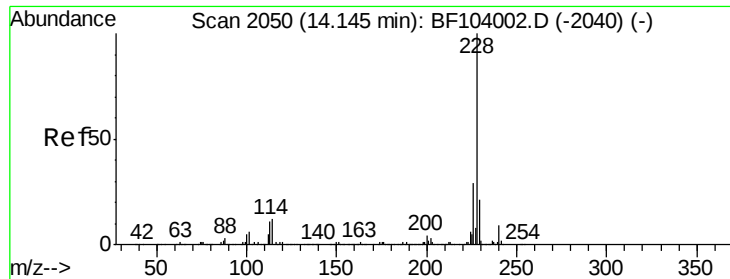


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

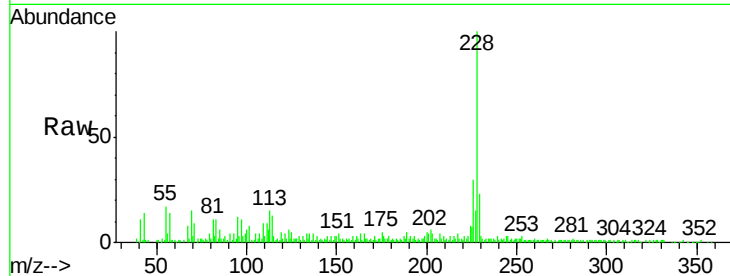




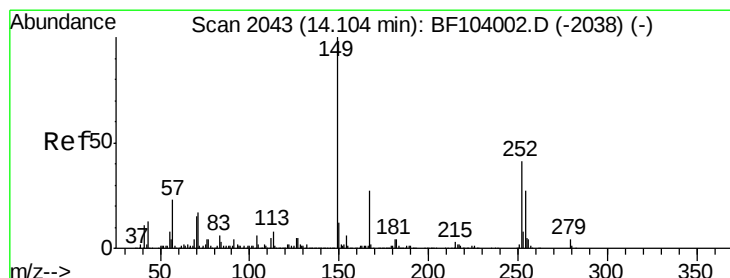
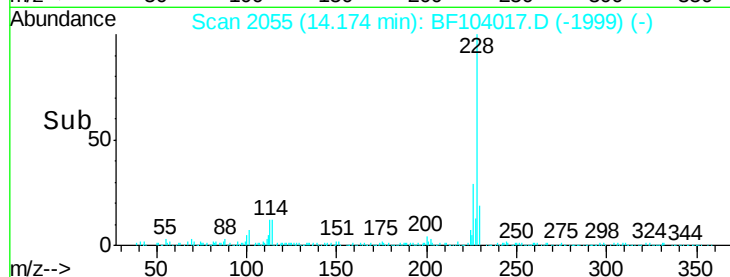
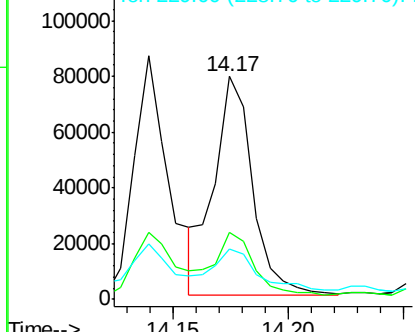
#80
Benzo(a)anthracene
Concen: 3483.739 ng
RT: 14.17 min Scan# 2055
Delta R.T. 0.03 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

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

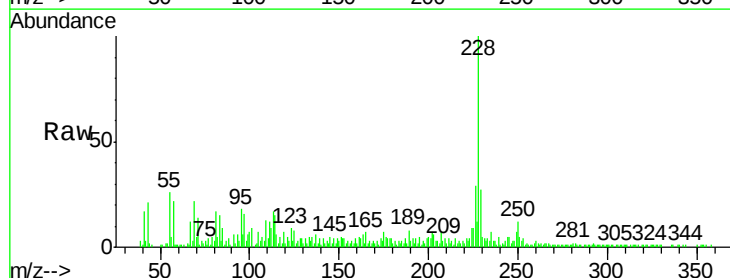


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

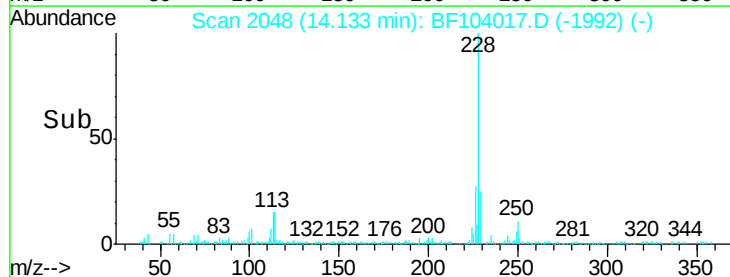
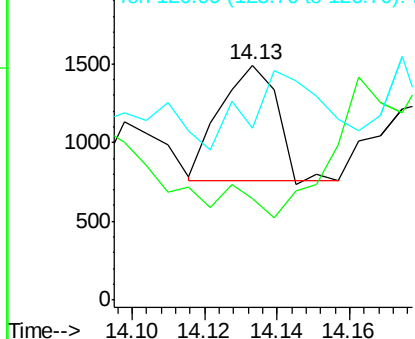


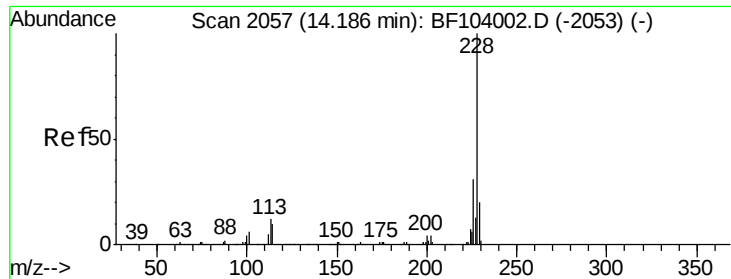
#81
3,3'-Dichlorobenzidine
Concen: 92.551 ng
RT: 14.13 min Scan# 2048
Delta R.T. 0.03 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

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 :

CL-02-032718-E

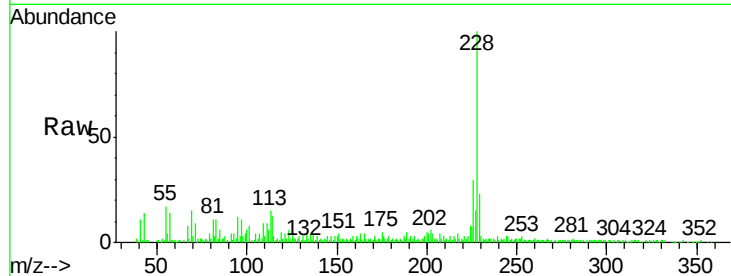
Tot Ion:228 Resp: 91771

Ion Ratio Lower Upper

228 100

226 30.3 25.0 37.6

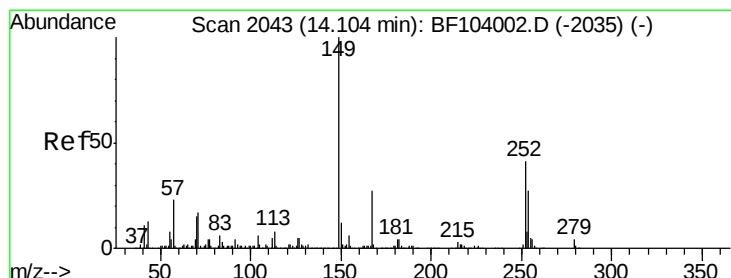
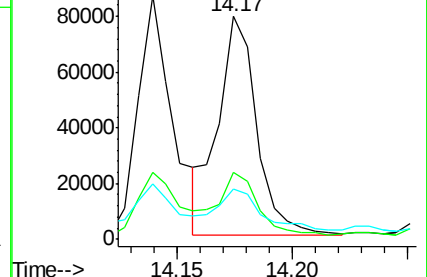
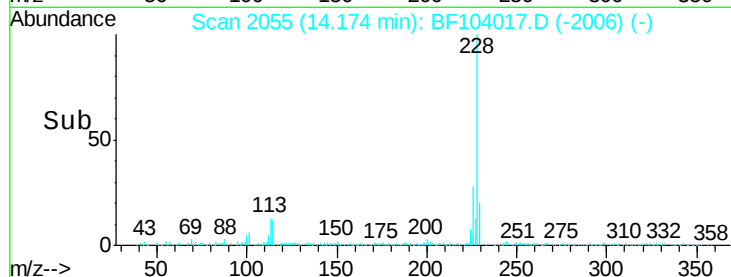
229 22.7 16.2 24.4



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

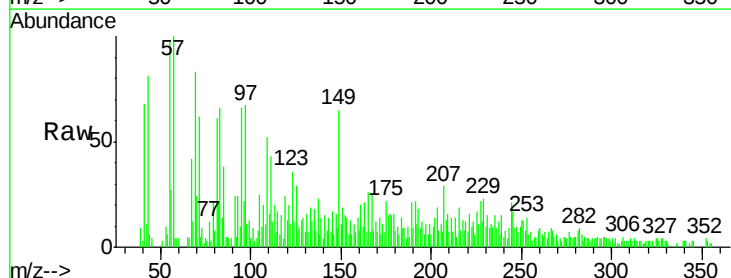
Tgt Ion:149 Resp: 5679

Ion Ratio Lower Upper

149 100

167 37.5 21.3 31.9#

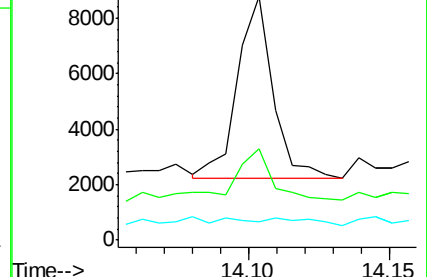
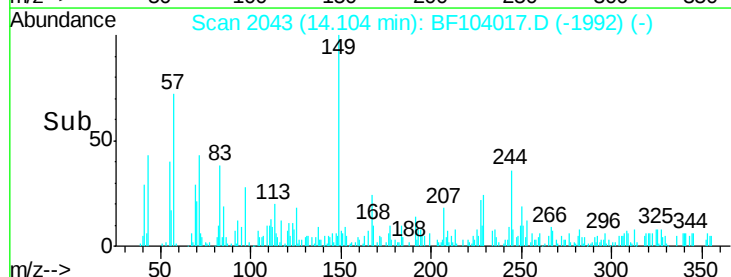
279 7.4 3.0 4.4#

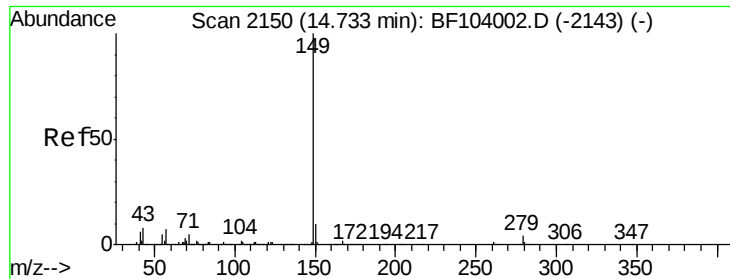


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

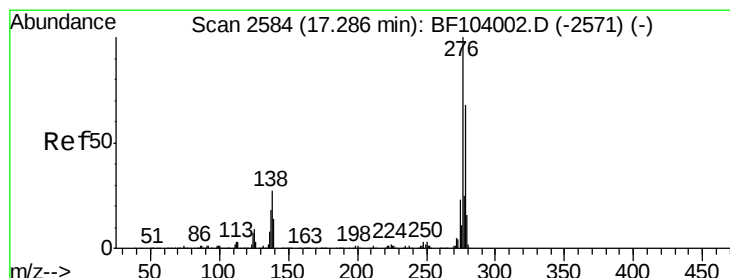
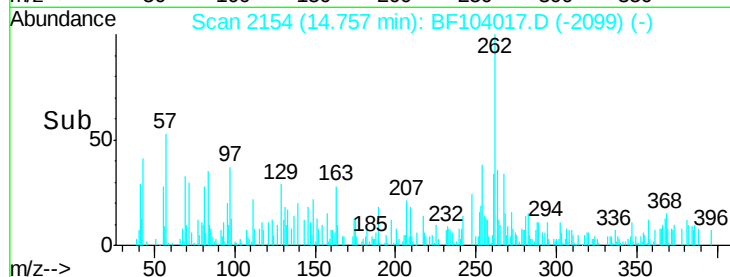
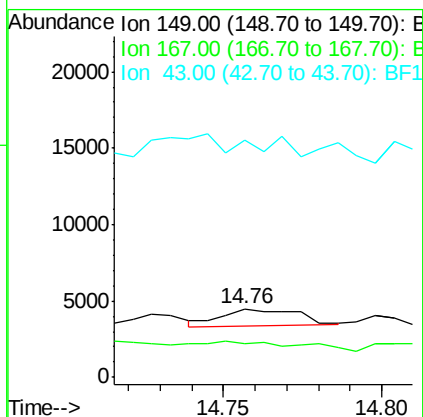
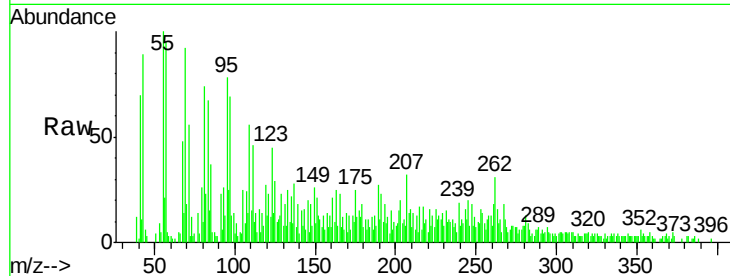




#84
Di-n-octyl phthalate
Concen: 58.252 ng
RT: 14.76 min Scan# 2154
Delta R.T. 0.02 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

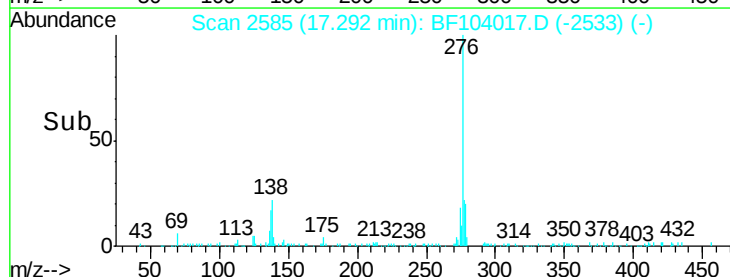
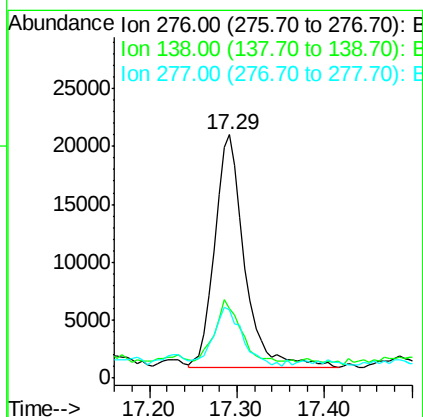
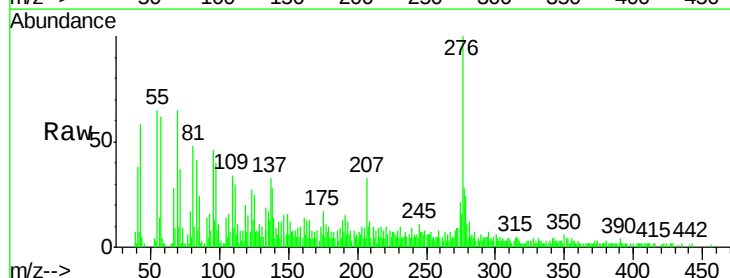
Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

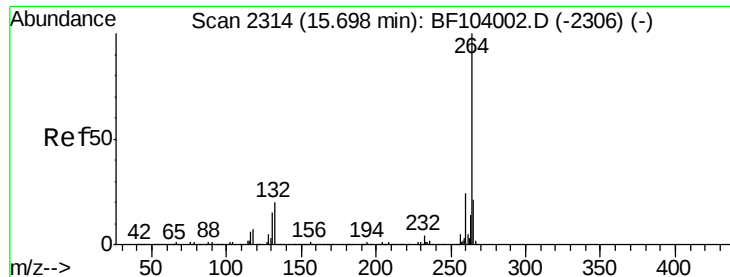
Tot Ion:149 Resp: 1846
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 100.4 8.4 12.6#



#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:276 Resp: 47502
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 :

CL-02-032718-E

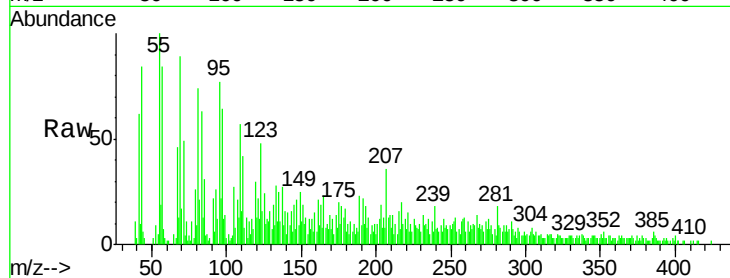
Tot Ion:264 Resp: 829

Ion Ratio Lower Upper

264 100

260 86.3 19.2 28.8#

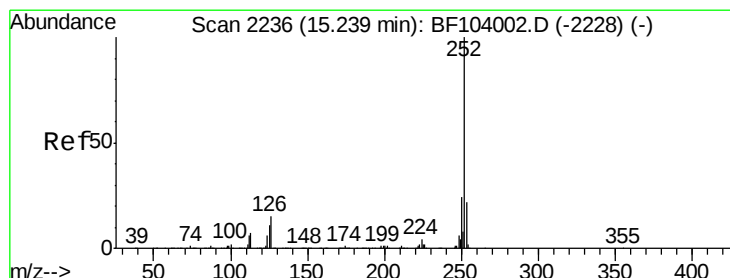
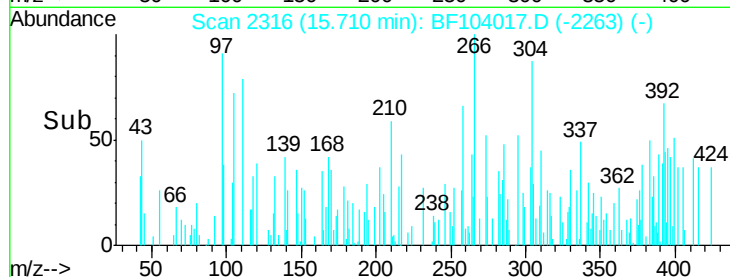
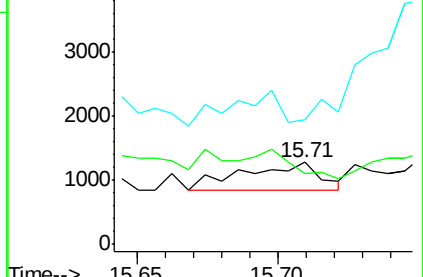
265 151.8 17.5 26.3#



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 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

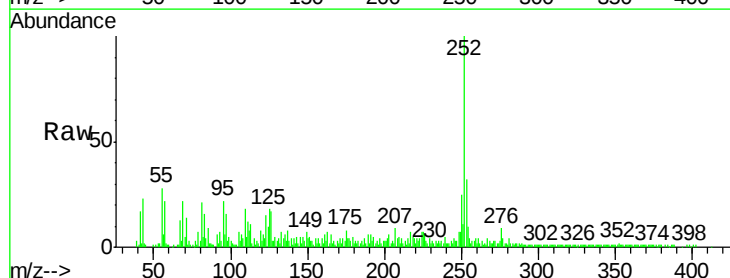
Tgt Ion:252 Resp: 154670

Ion Ratio Lower Upper

252 100

253 32.5 17.0 25.6#

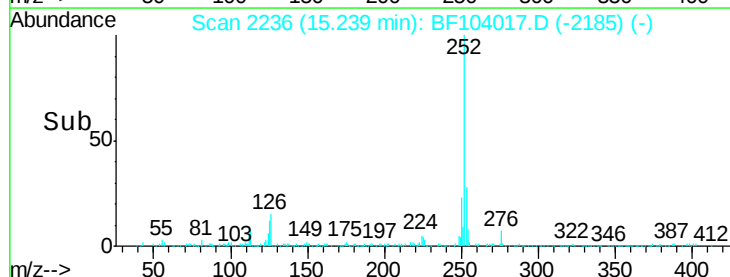
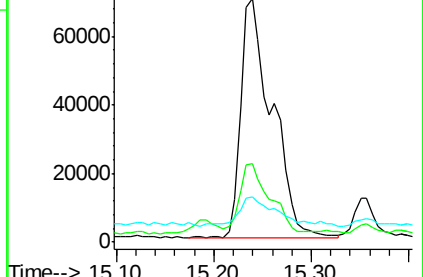
125 18.4 9.0 13.6#

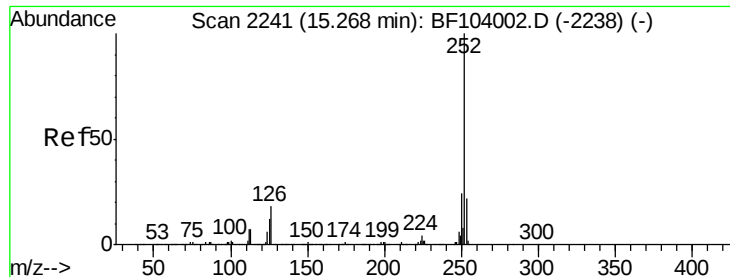


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

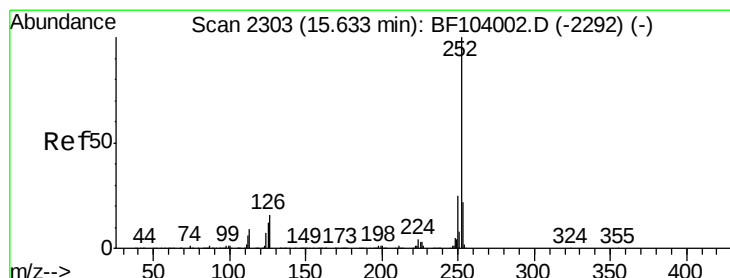
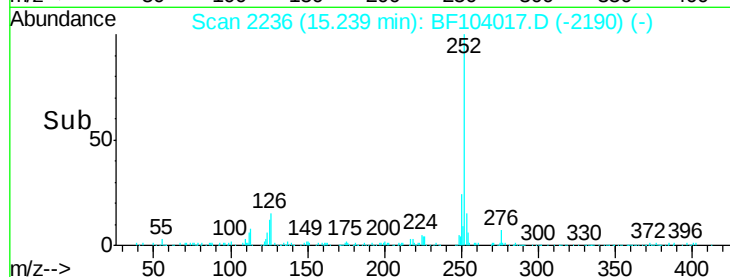
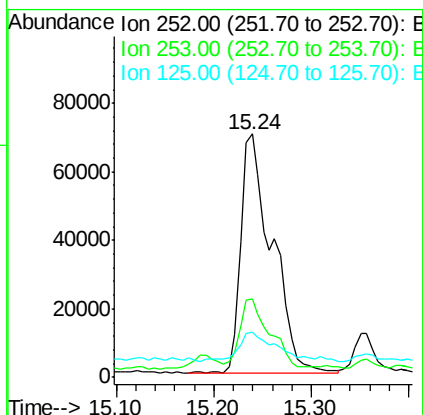
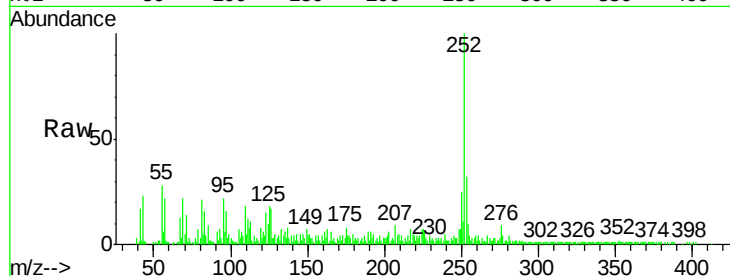




#88
Benzo(k)fluoranthene
Concen: 3254.416 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF104017.D
Acq: 28 Mar 2018 18:30

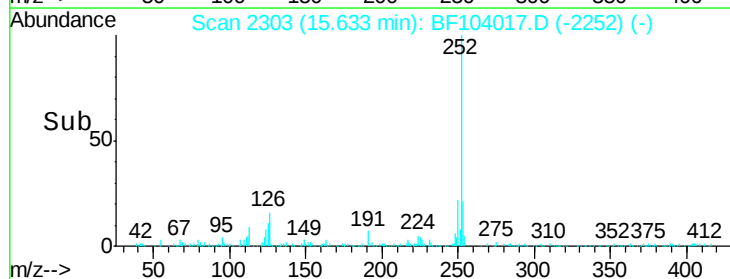
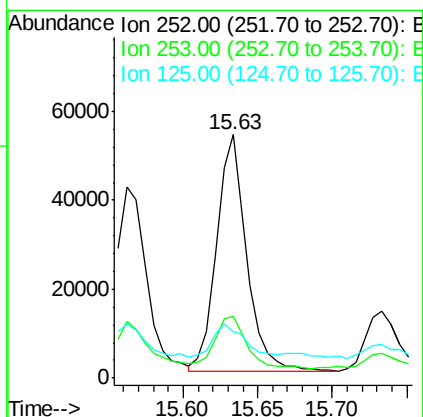
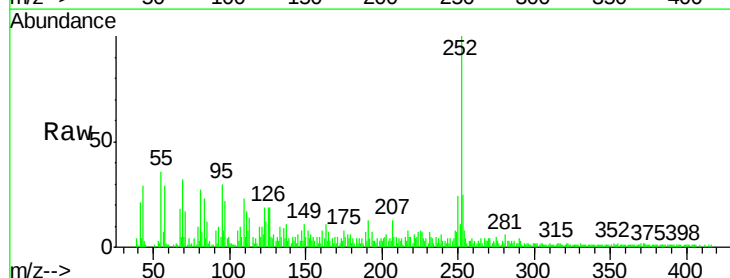
Instrument :
BNA_F
ClientSampleId :
CL-02-032718-E

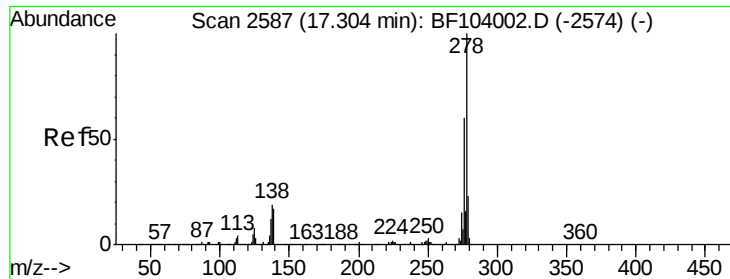
Tot Ion	Ratio	Lower	Upper
252	100		
253	32.5	17.9	26.9#
125	18.4	10.2	15.2#



#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	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 :

CL-02-032718-E

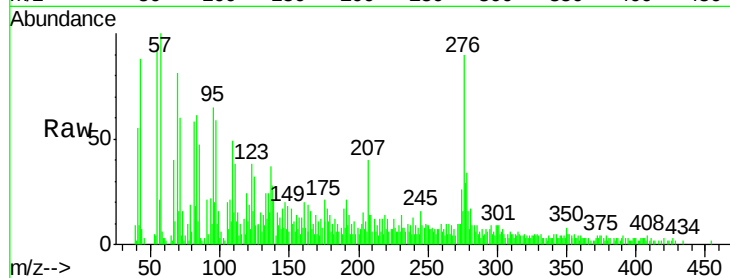
Tot Ion:278 Resp: 11619

Ion Ratio Lower Upper

278 100

139 60.7 15.9 23.9#

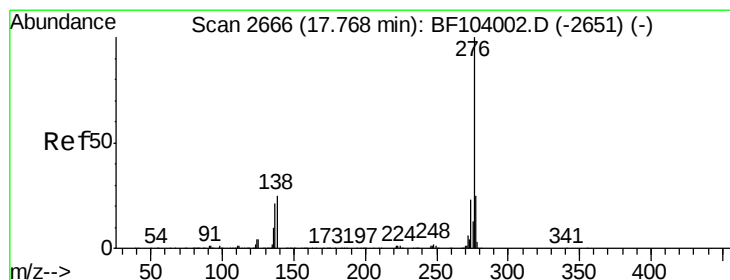
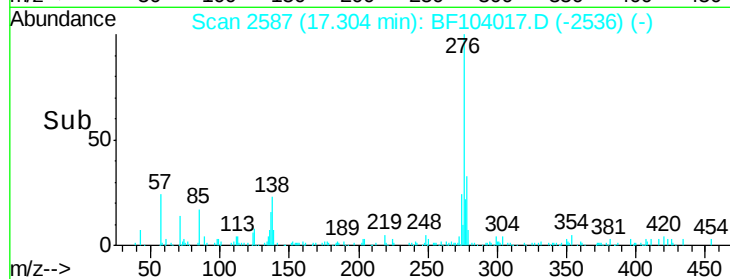
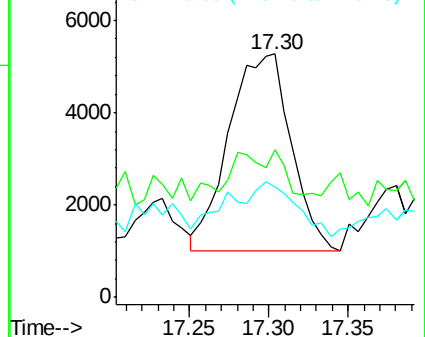
279 45.5 19.0 28.4#



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

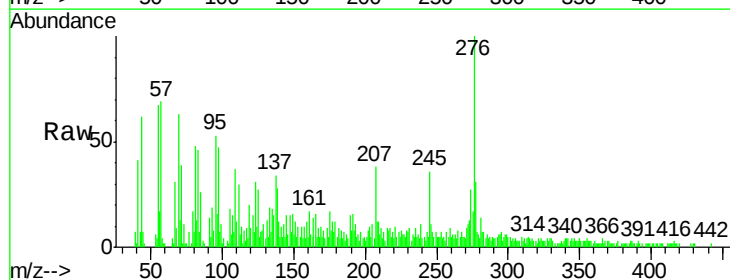
Tgt Ion:276 Resp: 47145

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

