

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
 Data File : BF103986.D
 Acq On : 27 Mar 2018 22:32
 Operator : JU/SJ
 Sample : J2071-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 28 03:58:51 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 13:26:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	146190	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	568335	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	242304	20.00	ng	-0.01
63) Phenanthrene-d10	11.51	188	348650	20.00	ng	0.00
75) Chrysene-d12	14.17	240	215071	20.00	ng	0.00
86) Perylene-d12	15.73	264	203483	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	957719	99.64	ng	0.02
7) Phenol-d6	6.61	99	1154810	98.21	ng	0.01
23) Nitrobenzene-d5	7.53	82	676615	83.02	ng	0.00
41) 2,4,6-Tribromophenol	10.81	330	229791	110.30	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1072652	70.62	ng	0.00
78) Terphenyl-d14	13.10	244	672050	72.53	ng	0.00

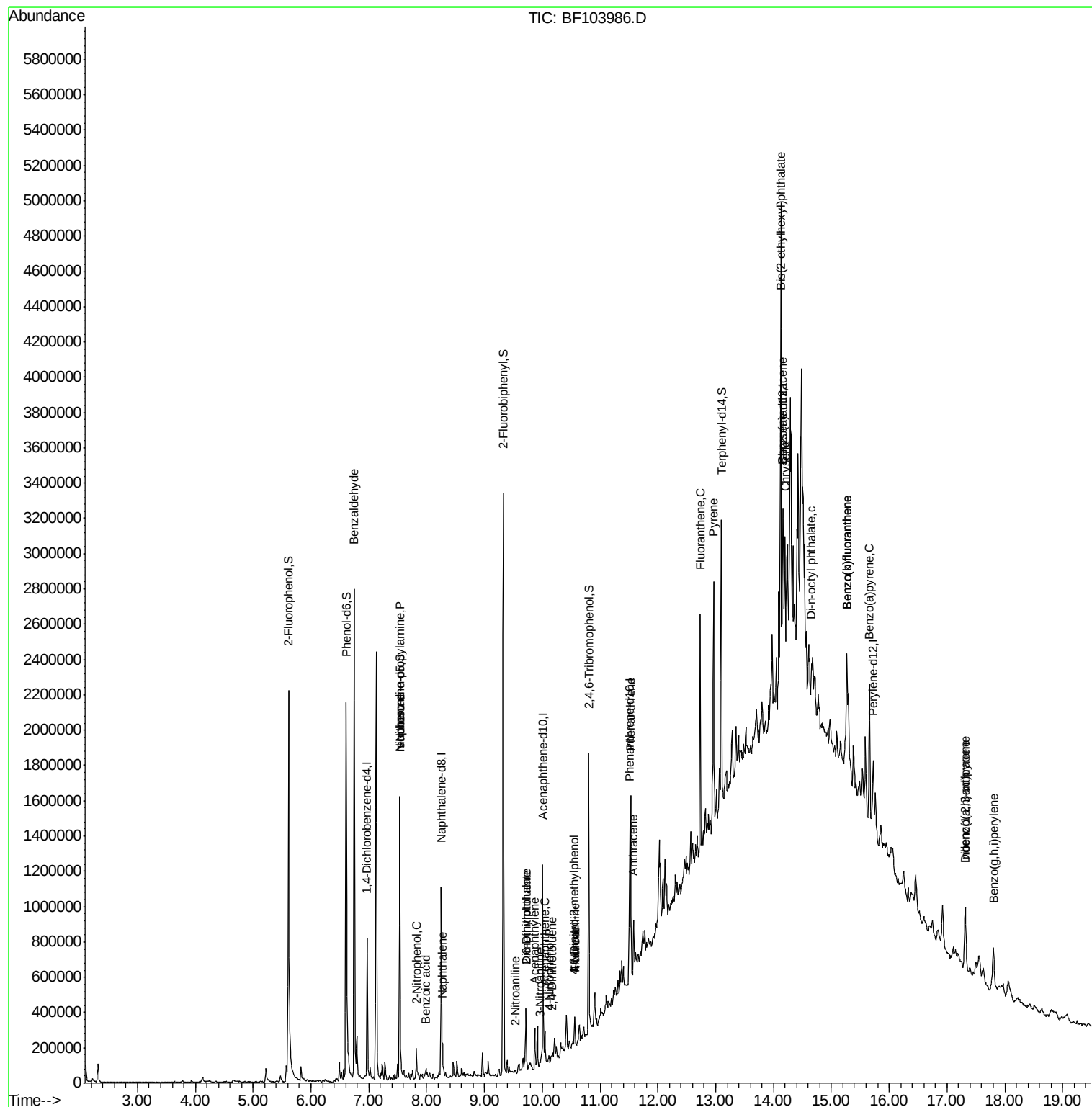
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.75	77	19592	2.536	ng	82
19) n-Nitroso-di-n-propylamine	7.53	70	85449	11.339	ng	# 73
25) Isophorone	7.53	82	676615	35.864	ng	# 64
26) 2-Nitrophenol	7.82	139	380	9.530	ng	# 1
31) Naphthalene	8.27	128	68403	2.383	ng	99
32) Benzoic acid	7.99	122	121	9.922	ng	# 1
47) 2-Nitroaniline	9.53	65	222	6.860	ng	# 2
48) Acenaphthylene	9.87	152	93334	3.751	ng	100
49) Dimethylphthalate	9.72	163	122740	6.639	ng	99
50) 2,6-Dinitrotoluene	9.72	165	2135	4.531	ng	# 31
51) Acenaphthene	10.05	154	32696	2.213	ng	98
52) 3-Nitroaniline	9.96	138	699	3.965	ng	# 22
55) 4-Nitrophenol	10.11	139	628	5.144	ng	# 1
56) 2,4-Dinitrotoluene	10.17	165	1092	6.423	ng	# 69
57) Fluorene	10.56	166	46701	2.852	ng	# 94
61) 4-Nitroaniline	10.56	138	853	3.940	ng	92
64) 4,6-Dinitro-2-methylphenol	10.55	198	128	8.226	ng	# 1
70) Phenanthrene	11.53	178	399488	20.946	ng	99
71) Anthracene	11.58	178	126776	6.545	ng	97
74) Fluoranthene	12.73	202	619011	31.504	ng	97
77) Pyrene	12.96	202	659276	41.740	ng	99
80) Benzo(a)anthracene	14.16	228	380493	27.949	ng	94
82) Chrysene	14.20	228	356250	27.451	ng	96
83) Bis(2-ethylhexyl)phthalate	14.13	149	1266278	126.665	ng	99
84) Di-n-octyl phthalate	14.66	149	78134	5.372	ng	# 74
85) Indeno(1,2,3-cd)pyrene	17.32	276	243443	21.480	ng	# 93
87) Benzo(b)fluoranthene	15.27	252	644482	50.133	ng	# 92
88) Benzo(k)fluoranthene	15.27	252	644482	52.152	ng	# 95
89) Benzo(a)pyrene	15.66	252	390168	33.462	ng	# 92
90) Dibenzo(a,h)anthracene	17.32	278	68498	6.784	ng	# 87
91) Benzo(g,h,i)perylene	17.80	276	235418	23.968	ng	96

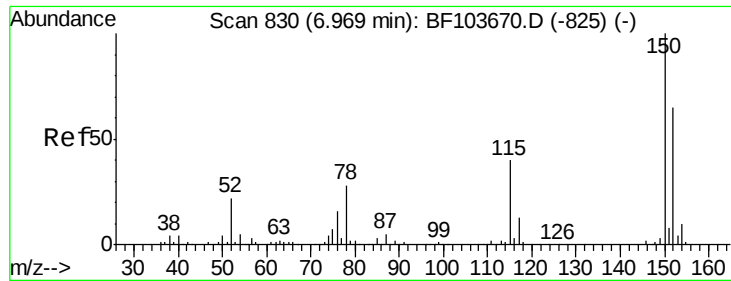
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032718\
Data File : BF103986.D
Acq On : 27 Mar 2018 22:32
Operator : JU/SJ
Sample : J2071-04
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

Quant Time: Mar 28 03:58:51 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration



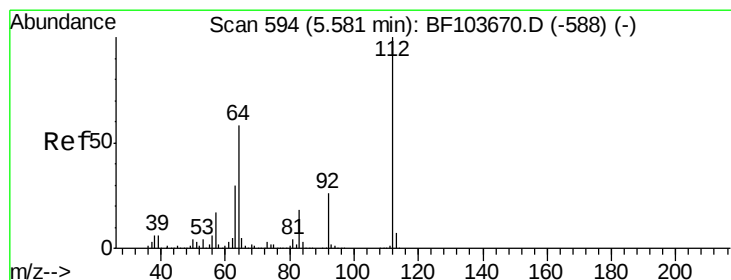
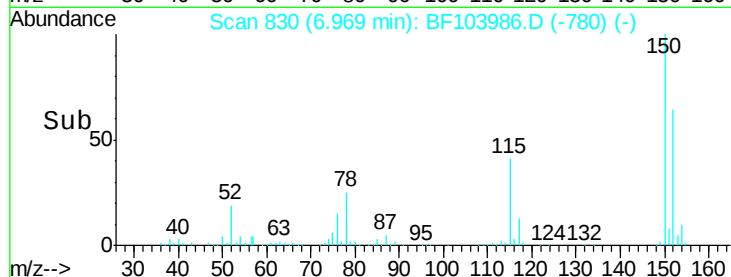
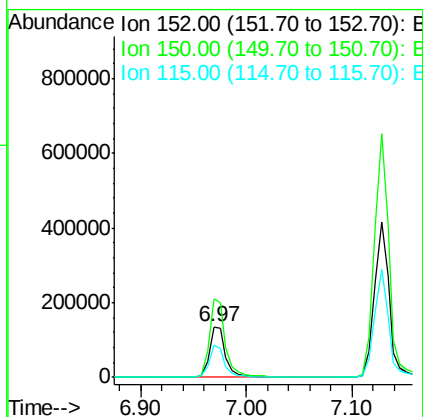
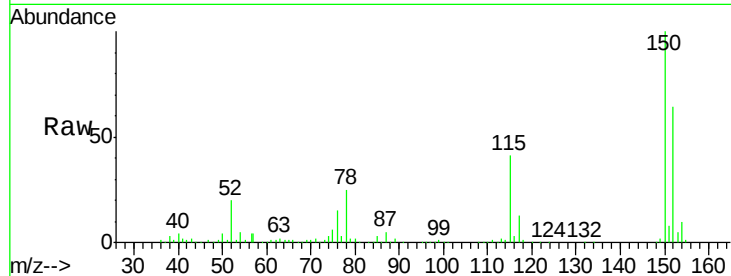


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Instrument :
BNA_F
ClientSampleId :

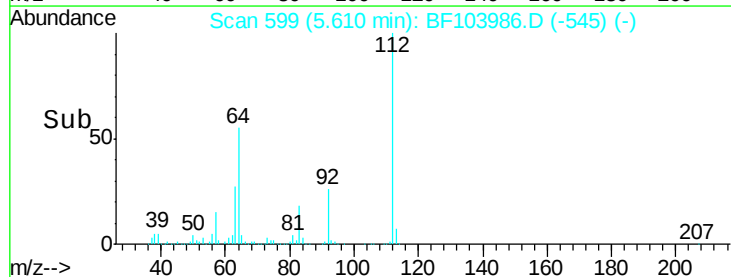
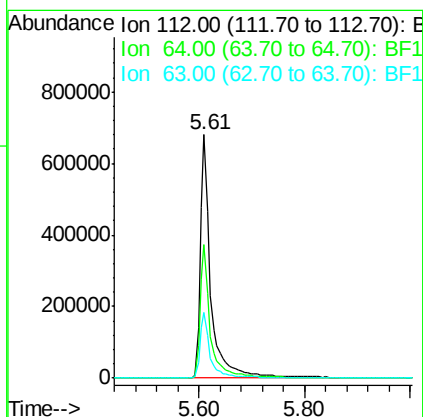
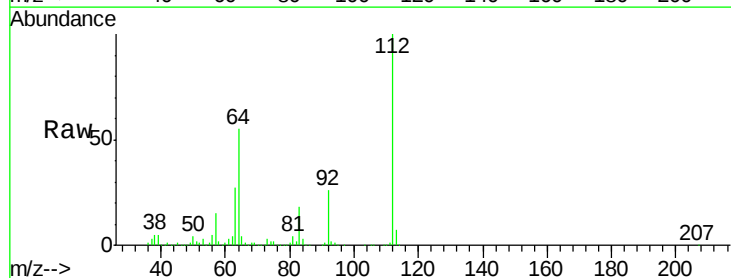
Tot Ion:152 Resp: 146190
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 63.8 50.1 75.1



#5

2-Fluorophenol
Concen: 99.643 ng
RT: 5.61 min Scan# 599
Delta R.T. 0.02 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:112 Resp: 957719
Ion Ratio Lower Upper
112 100
64 55.0 47.9 71.9
63 27.2 23.7 35.5





#7

Phenol-d6

Concen: 98.207 ng

RT: 6.61 min Scan# 769

Delta R.T. 0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampled :

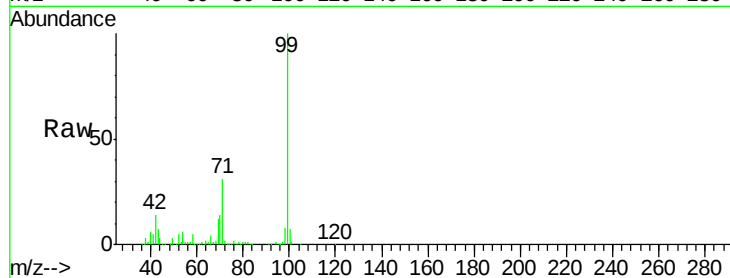
Tot Ion: 99 Resp: 1154810

Ion Ratio Lower Upper

99 100

42 14.5 14.5 21.7

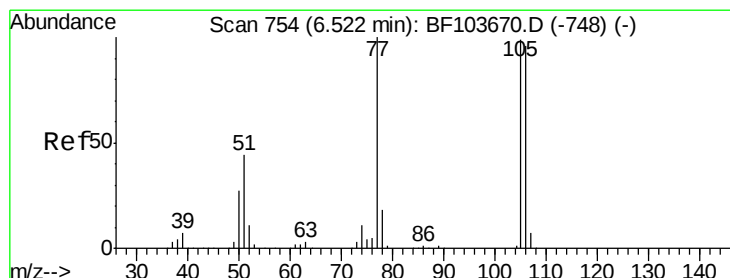
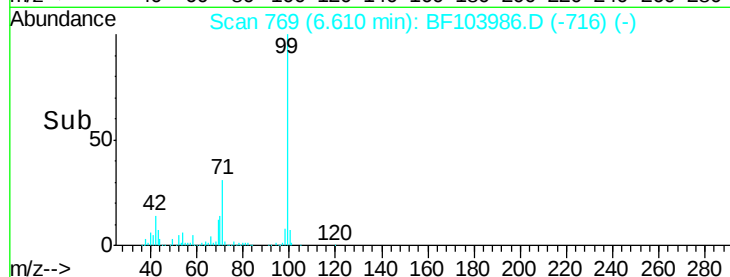
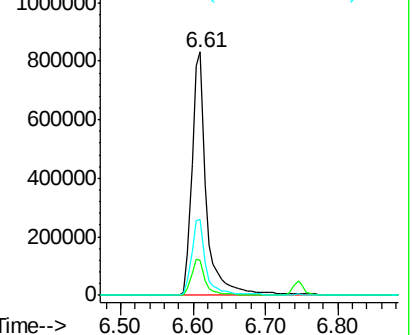
71 31.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.536 ng

RT: 6.75 min Scan# 792

Delta R.T. 0.22 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

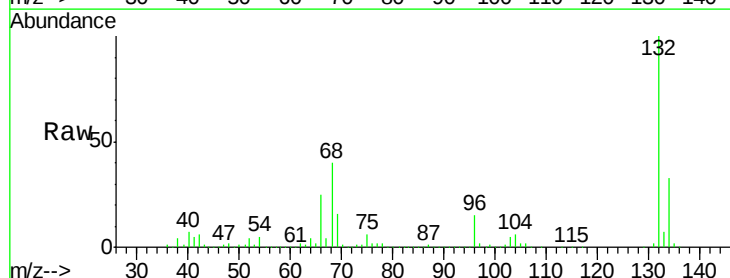
Tgt Ion: 77 Resp: 19592

Ion Ratio Lower Upper

77 100

105 82.3 81.1 121.1

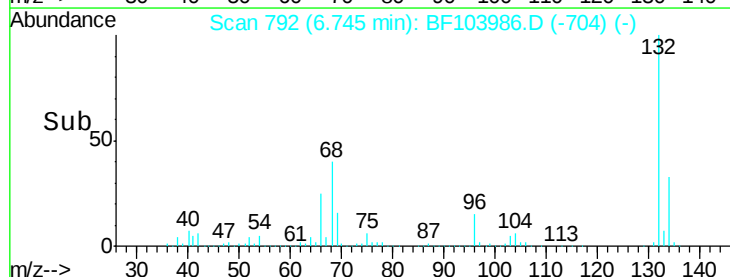
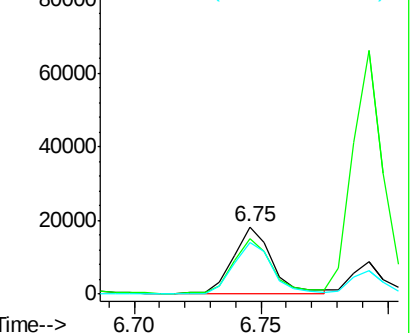
106 77.3 74.5 114.5

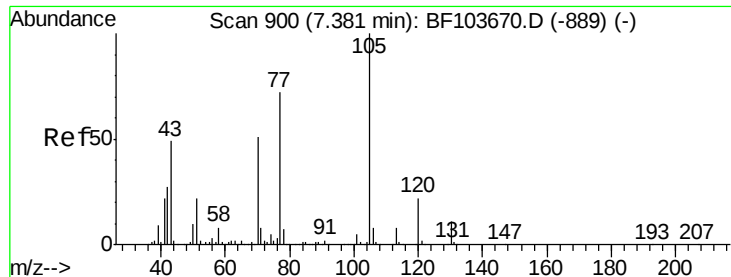


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

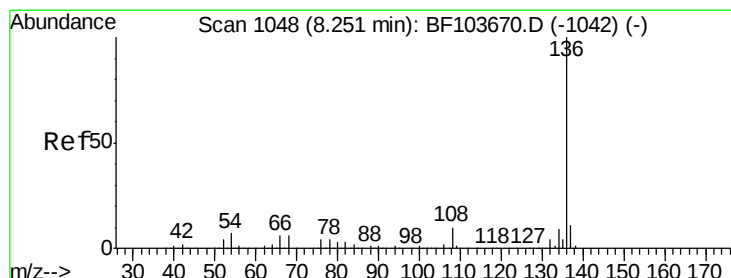
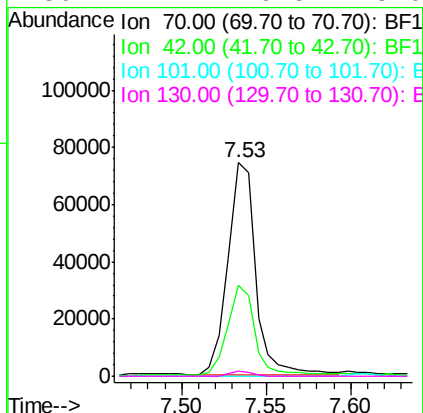
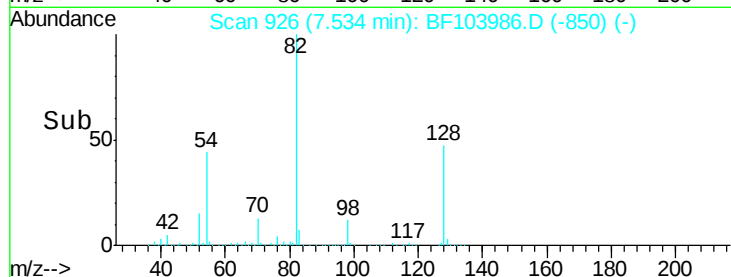
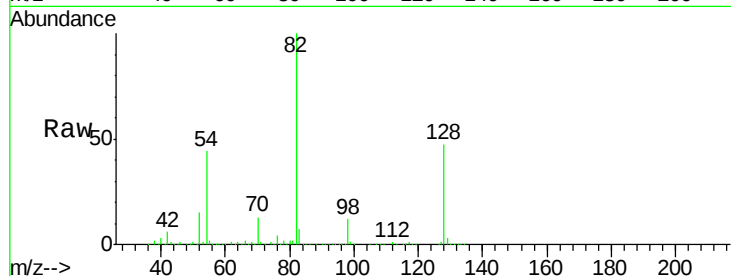




#19
n-Nitroso-di-n-propylamine
Concen: 11.339 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

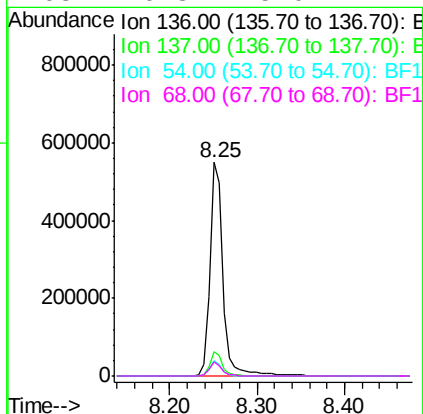
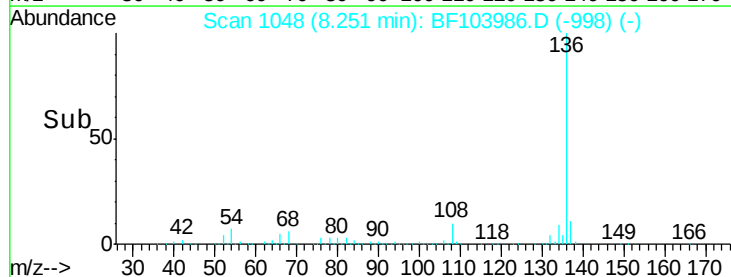
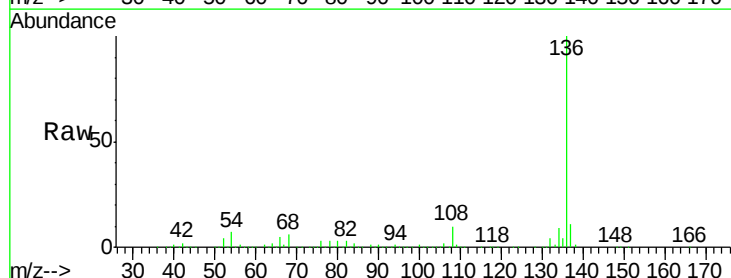
Instrument :
BNA_F
ClientSampleId :

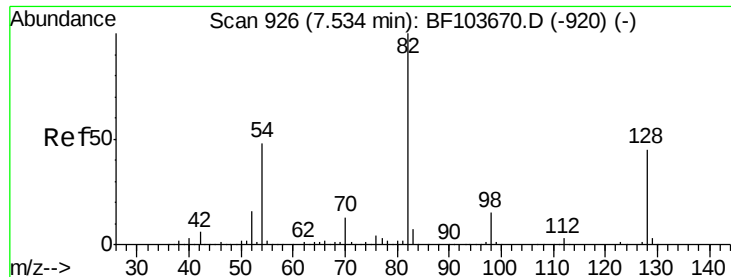
Tot Ion: 70 Resp: 85449
Ion Ratio Lower Upper
70 100
42 42.3 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:136 Resp: 568335
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 7.1 6.6 9.8
68 6.3 5.0 7.4

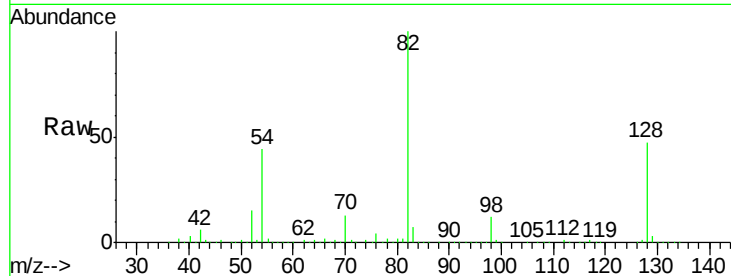




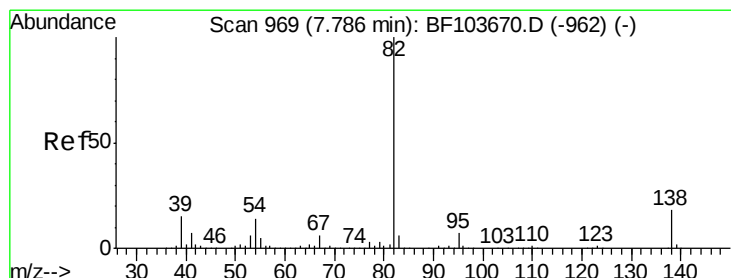
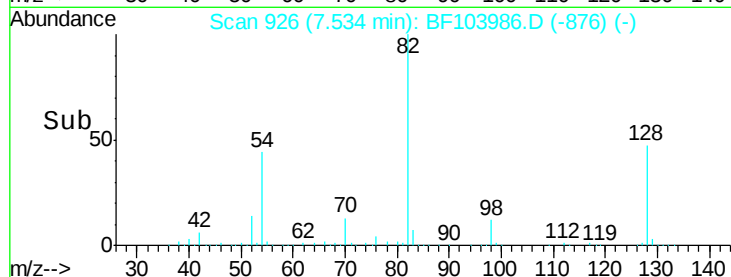
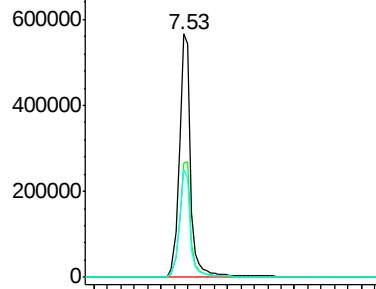
#23
Nitrobenzene-d5
Concen: 83.022 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 676615
Ion Ratio Lower Upper
82 100
128 46.9 36.1 54.1
54 44.2 41.4 62.2

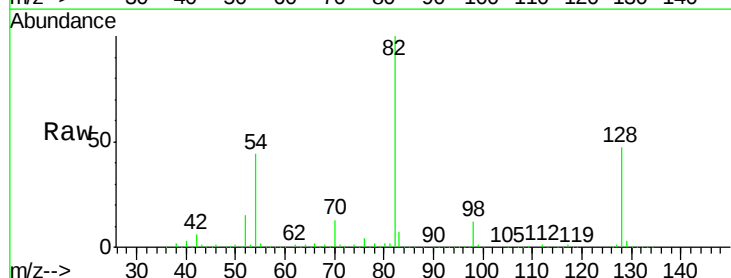


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

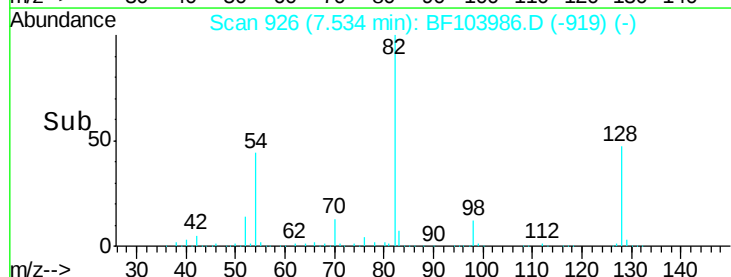
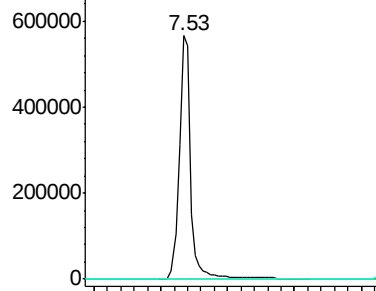


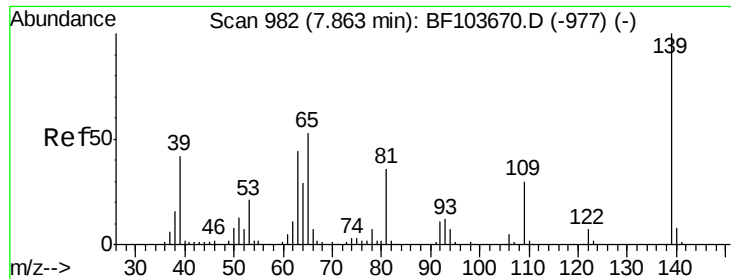
#25
Isophorone
Concen: 35.864 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.26 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion: 82 Resp: 676615
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

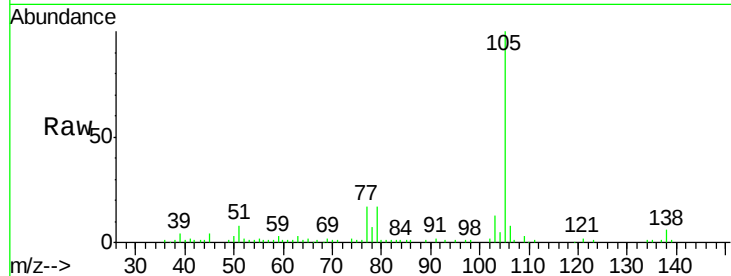




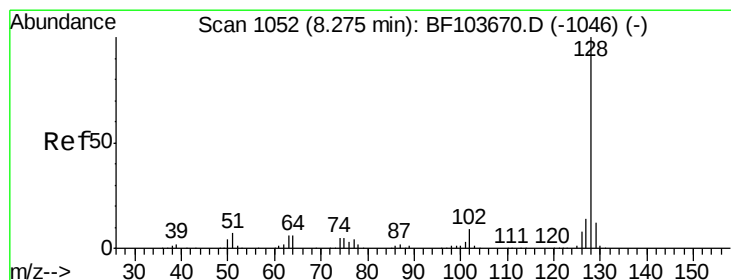
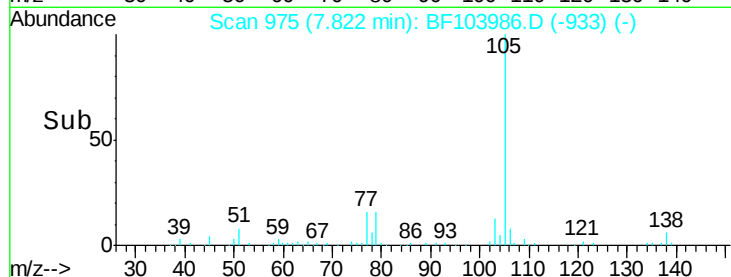
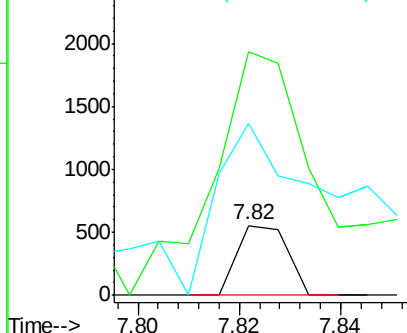
#26
2-Nitrophenol
Concen: 9.530 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.05 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 380
Ion Ratio Lower Upper
139 100
109 347.8 22.7 34.1#
65 246.0 40.5 60.7#

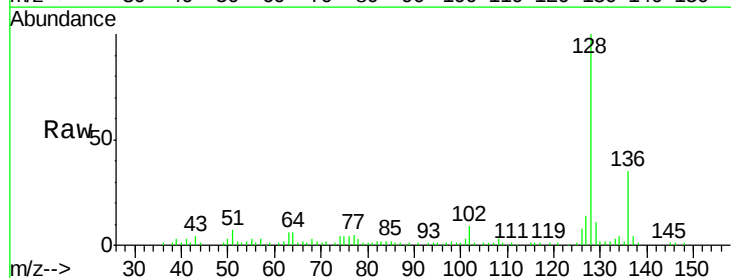


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

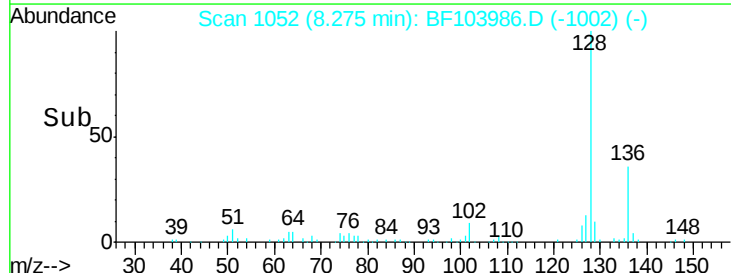
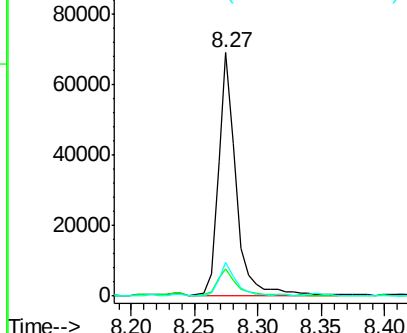


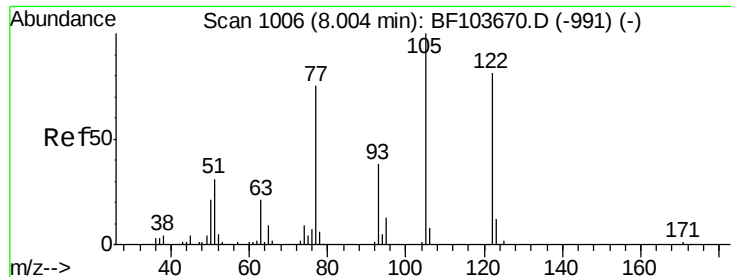
#31
Naphthalene
Concen: 2.383 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:128 Resp: 68403
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 13.6 10.9 16.3



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





#32

Benzoic acid

Concen: 9.922 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

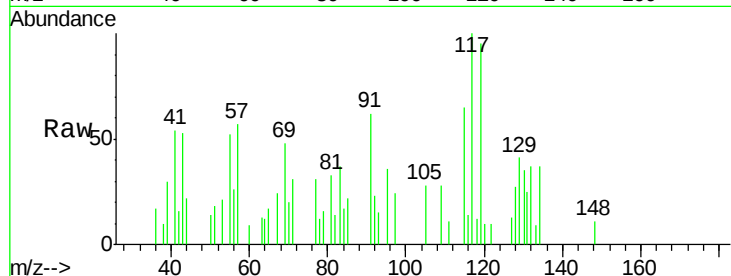
Tot Ion:122 Resp: 121

Ion Ratio Lower Upper

122 100

105 277.8 101.1 141.1#

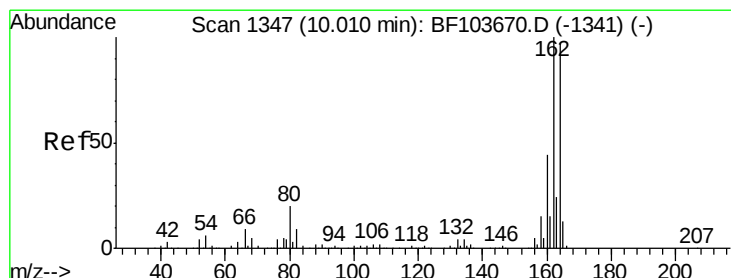
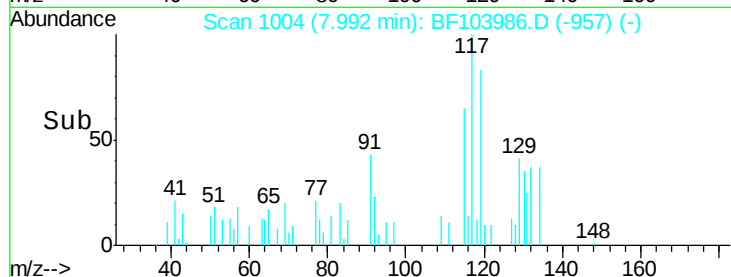
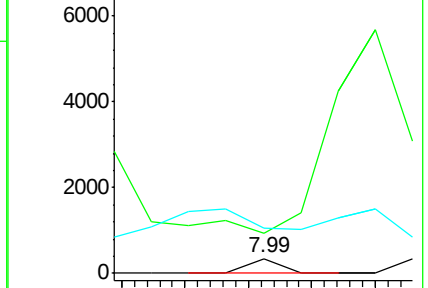
77 311.4 70.7 110.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

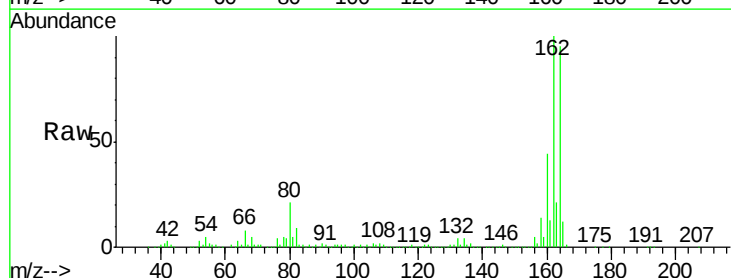
Tgt Ion:164 Resp: 242304

Ion Ratio Lower Upper

164 100

162 105.4 86.1 129.1

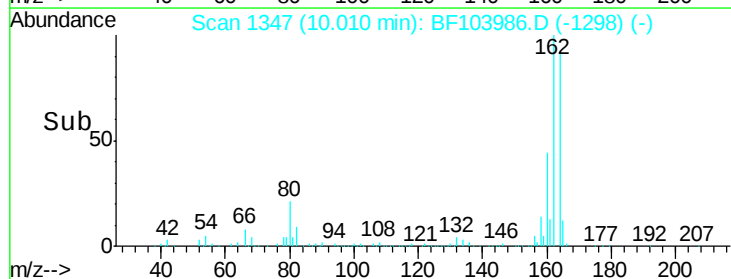
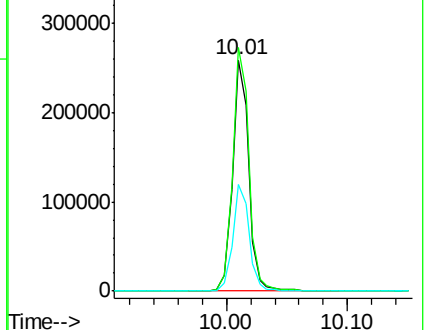
160 46.2 38.3 57.5

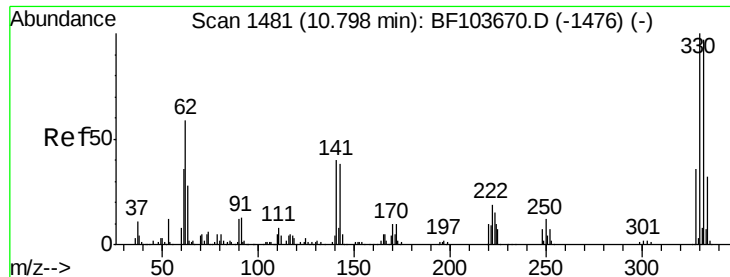


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

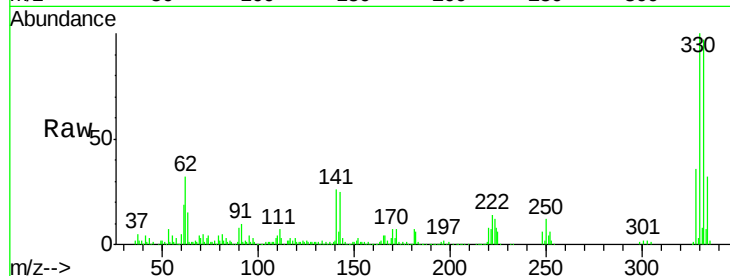




#41
 2,4,6-Tribromophenol
 Concen: 110.299 ng
 RT: 10.81 min Scan# 1483
 Delta R.T. -0.00 min
 Lab File: BF103986.D
 Acq: 27 Mar 2018 22:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	31.4	29.9	44.9

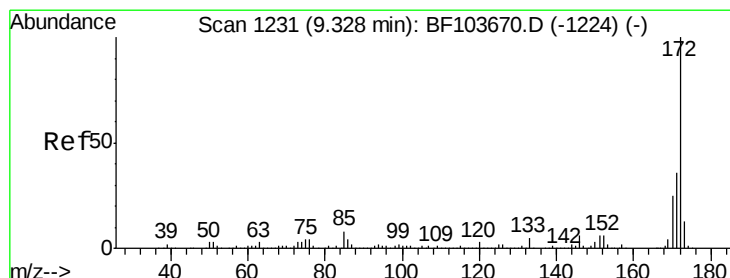
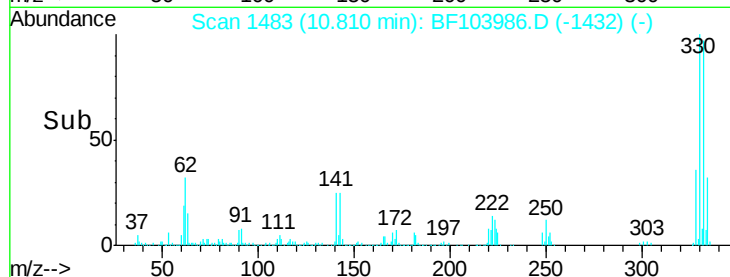
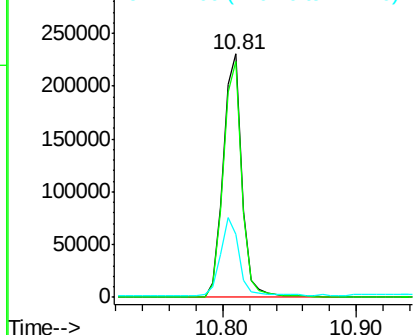


Abundance

Ion 329.80 (329.50 to 330.50): E

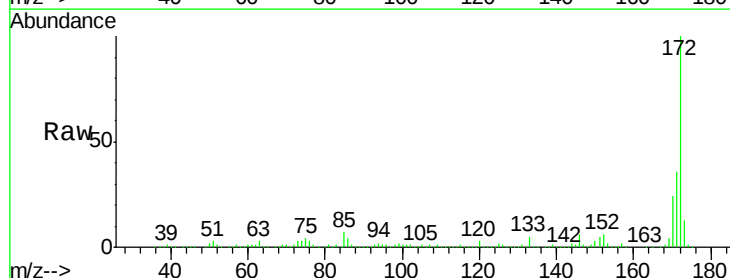
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 70.615 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103986.D
 Acq: 27 Mar 2018 22:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.2	19.6	29.4

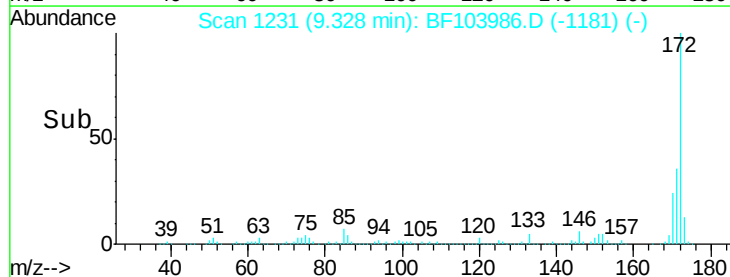
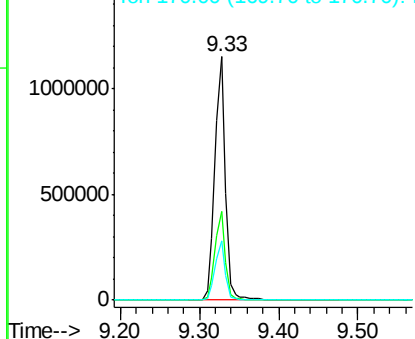


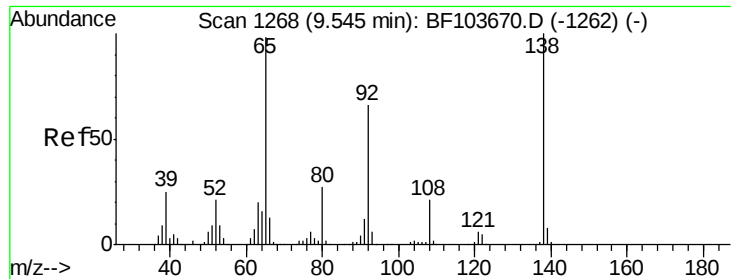
Abundance

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

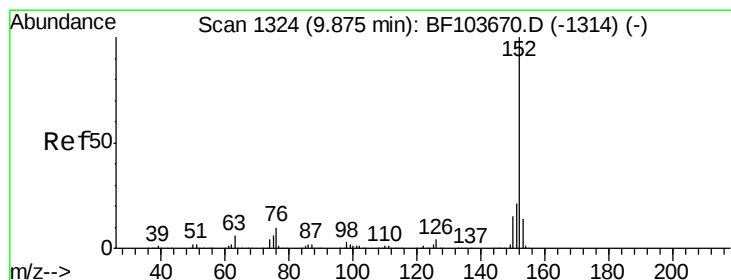
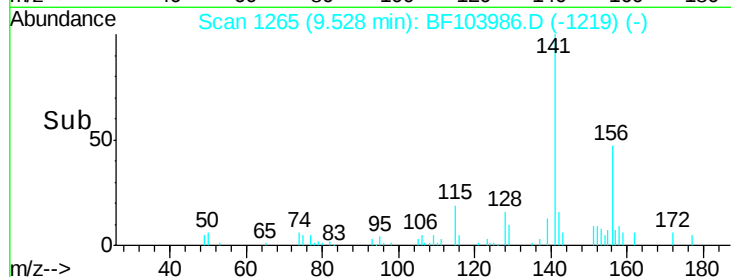
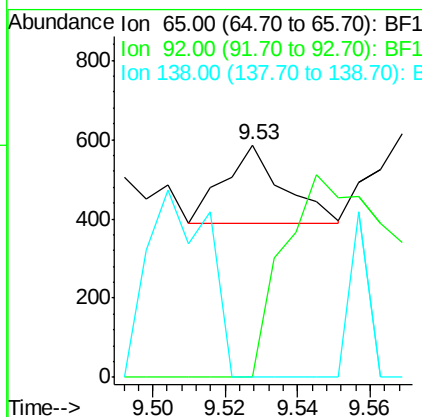
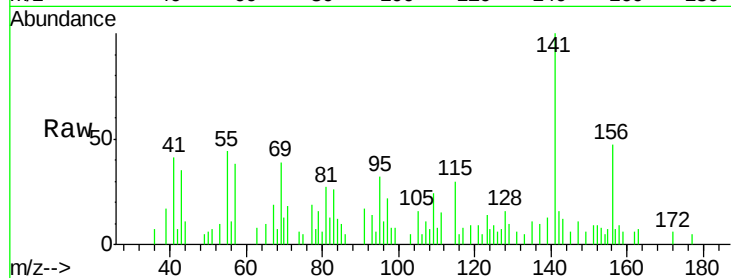




#47
2-Nitroaniline
Concen: 6.860 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.03 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

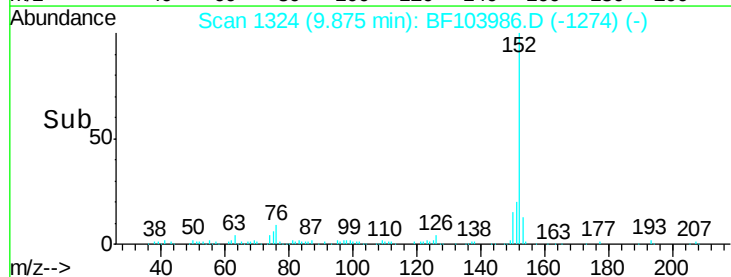
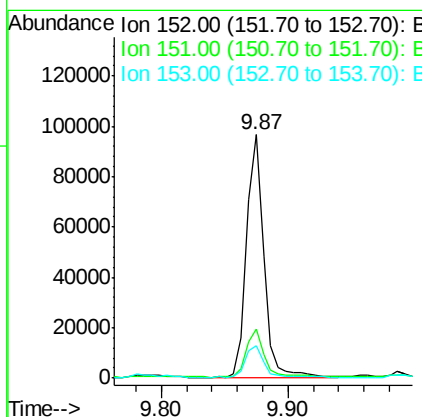
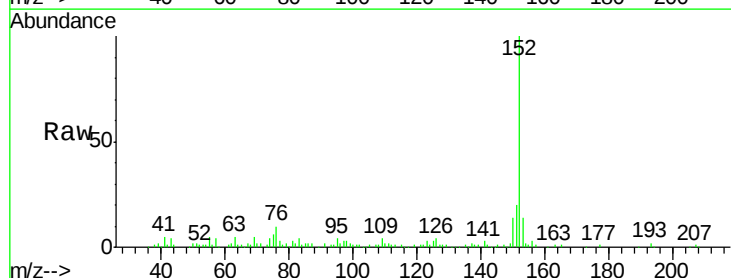
Instrument :
BNA_F
ClientSampled :

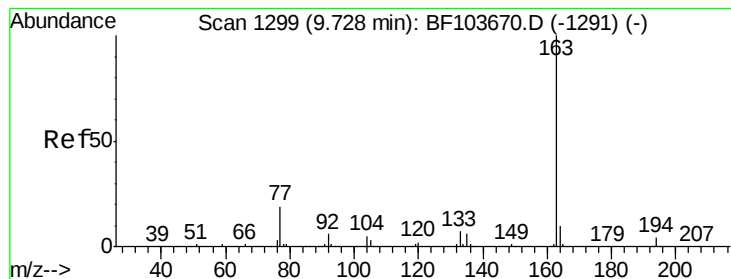
Tot Ion: 65 Resp: 222
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 3.751 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion: 152 Resp: 93334
Ion Ratio Lower Upper
152 100
151 20.3 16.3 24.5
153 13.5 10.7 16.1





#49

Dimethylphthalate

Concen: 6.639 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

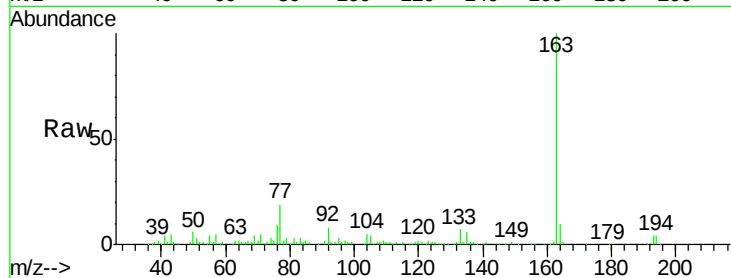
Tot Ion:163 Resp: 122740

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

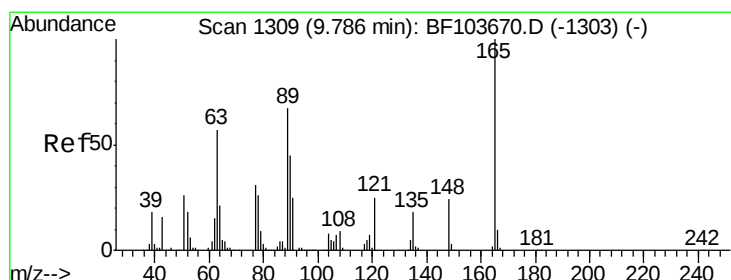
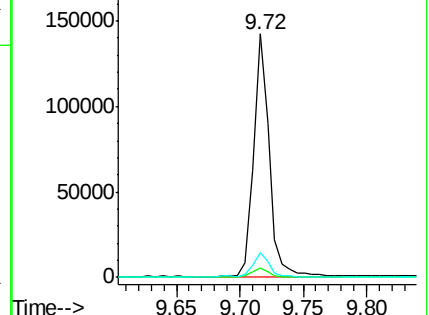
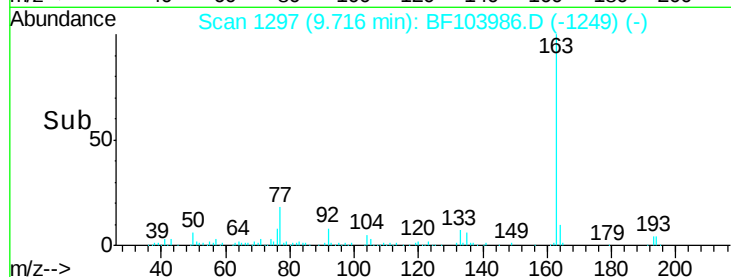
164 10.3 8.2 12.2



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: 4.531 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.08 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

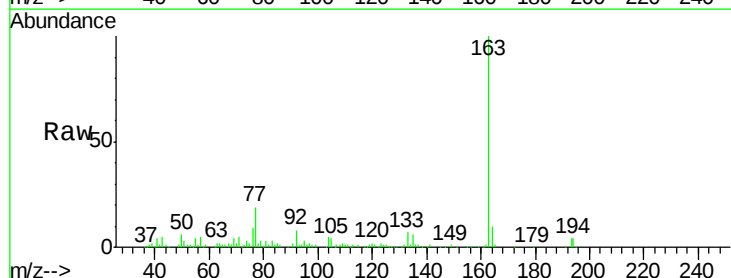
Tgt Ion:165 Resp: 2135

Ion Ratio Lower Upper

165 100

63 121.6 44.7 67.1#

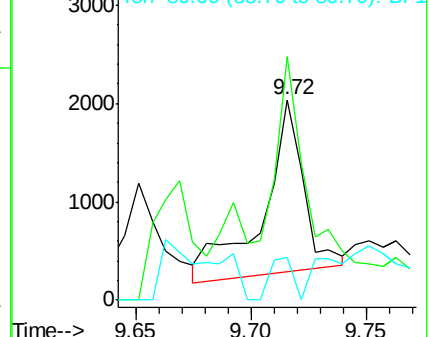
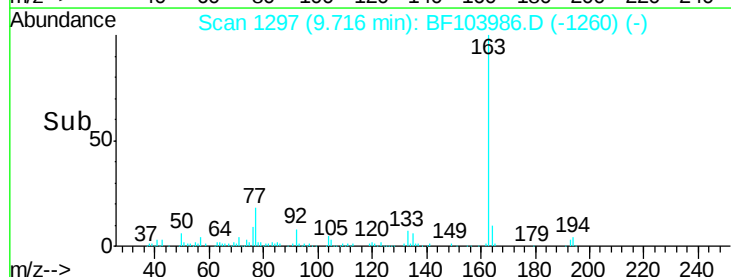
89 21.0 44.0 66.0#

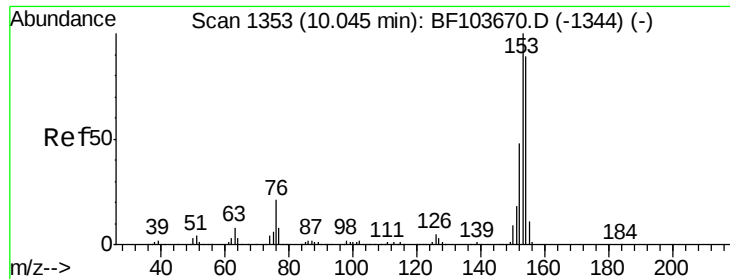


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 2.213 ng

RT: 10.05 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampled :

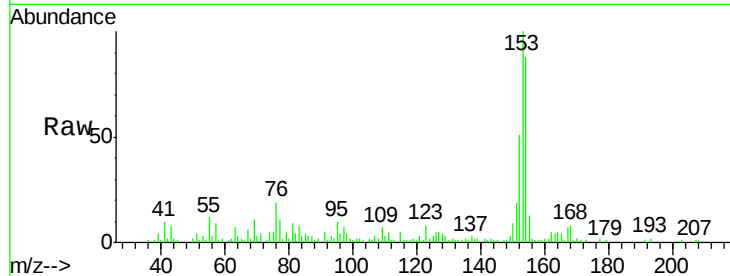
Tot Ion:154 Resp: 32696

Ion Ratio Lower Upper

154 100

153 113.1 91.2 136.8

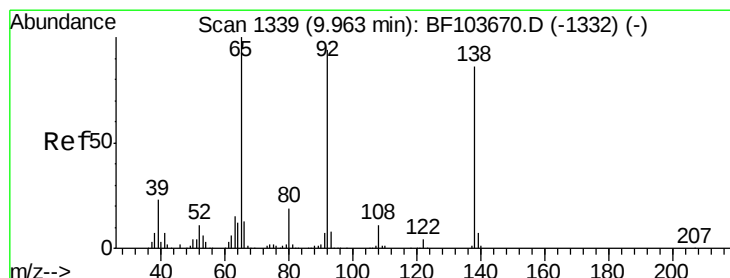
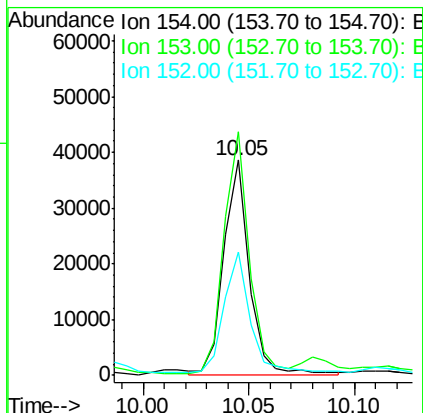
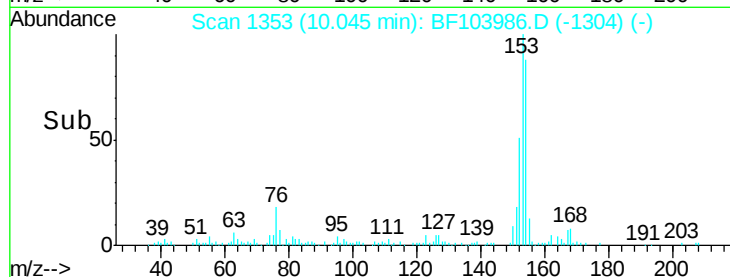
152 57.2 43.8 65.8



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



#52

3-Nitroaniline

Concen: 3.965 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

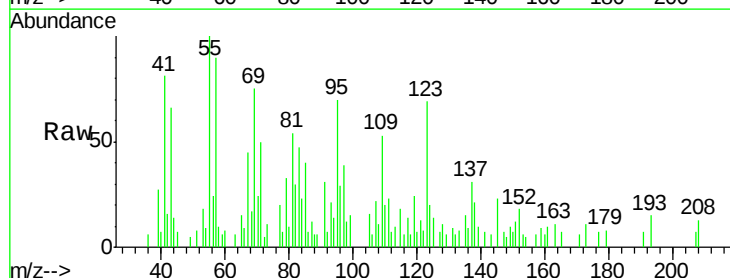
Tgt Ion:138 Resp: 699

Ion Ratio Lower Upper

138 100

108 54.1 9.4 14.0#

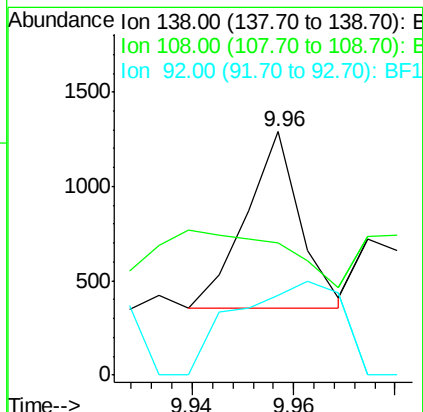
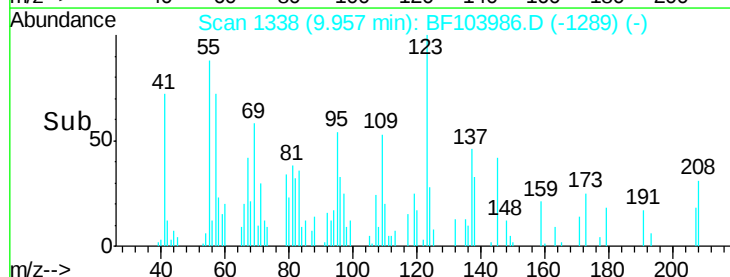
92 32.5 89.4 134.2#

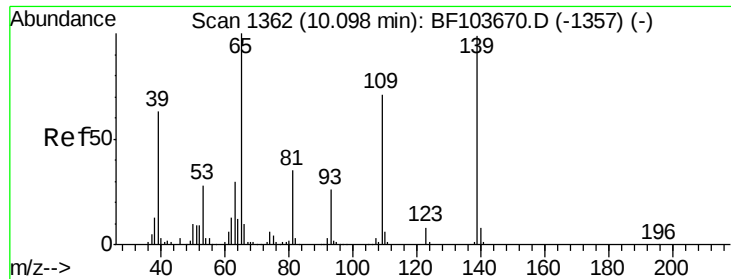


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

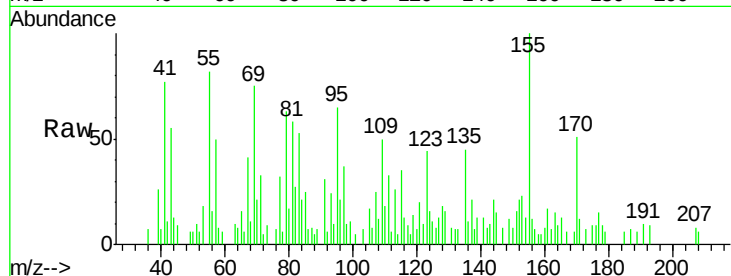




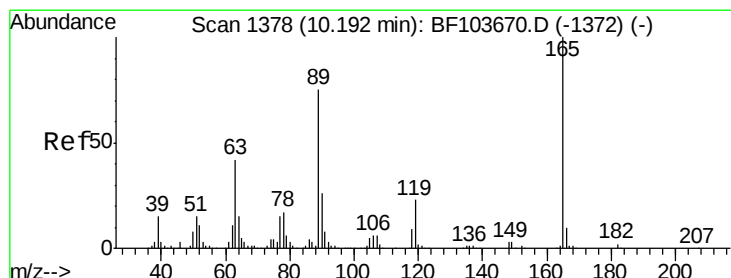
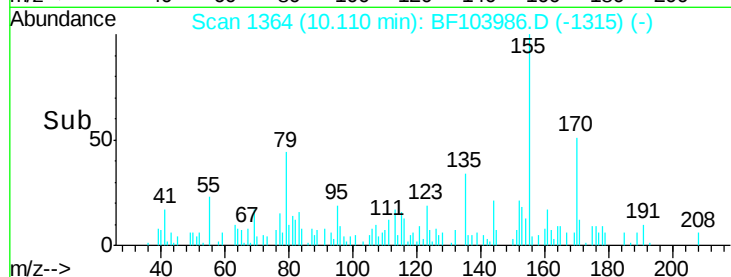
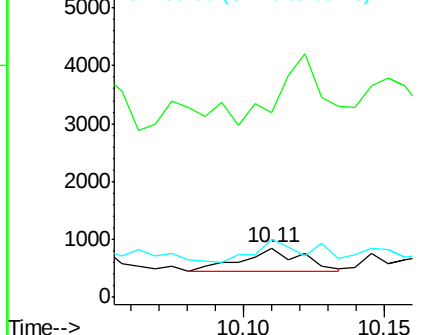
#55
4-Nitrophenol
Concen: 5.144 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 628
Ion Ratio Lower Upper
139 100
109 373.3 48.4 88.4#
65 118.3 72.6 112.6#

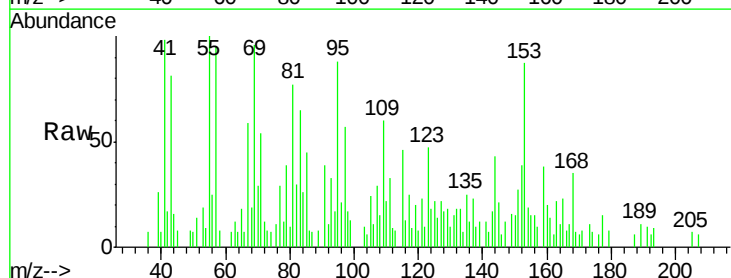


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

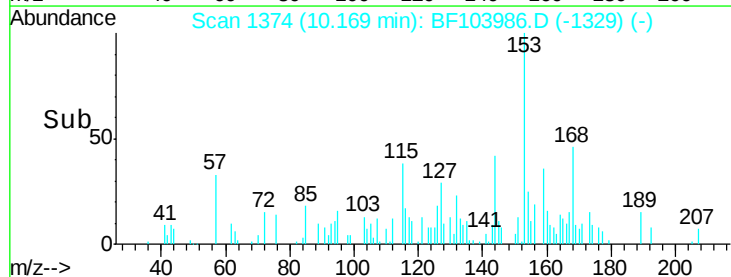
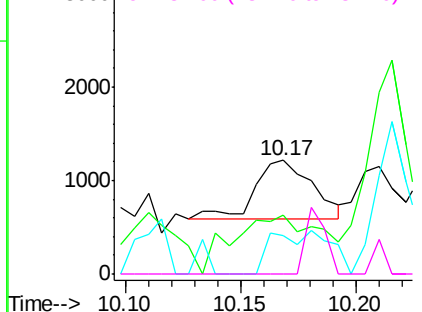


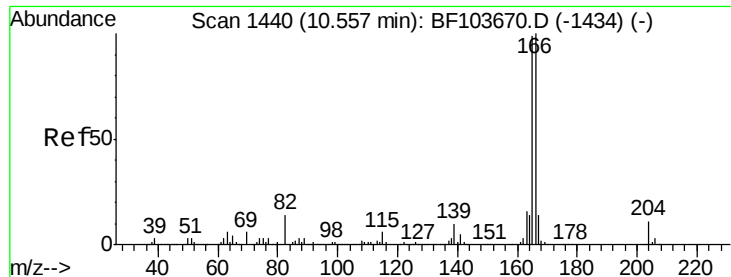
#56
2,4-Dinitrotoluene
Concen: 6.423 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.04 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:165 Resp: 1092
Ion Ratio Lower Upper
165 100
63 51.4 36.4 54.6
89 33.9 57.8 86.6#
182 0.0 1.6 2.4#



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
Ion 182.00 (181.70 to 182.70): E

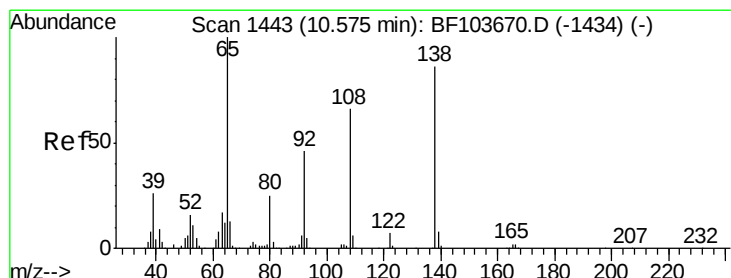
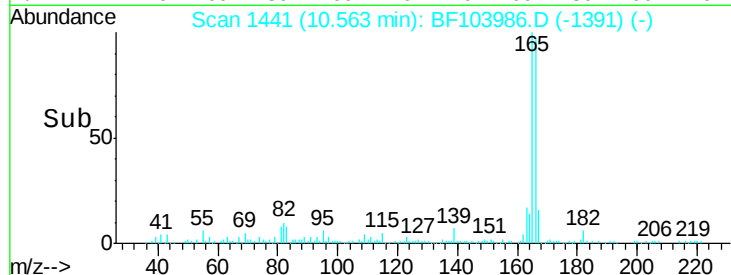
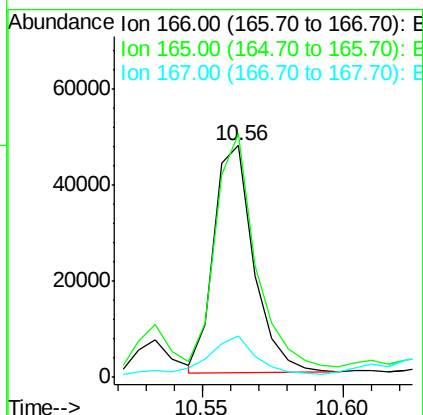
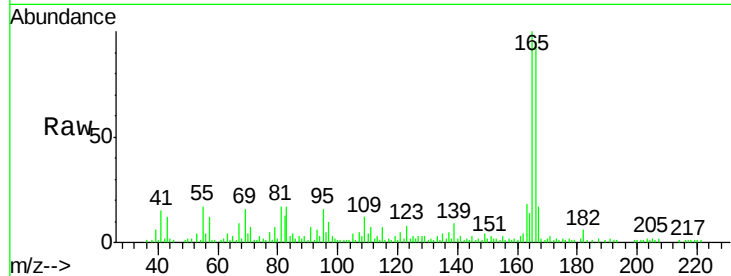




#57
Fluorene
 Concen: 2.852 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103986.D
 Acq: 27 Mar 2018 22:32

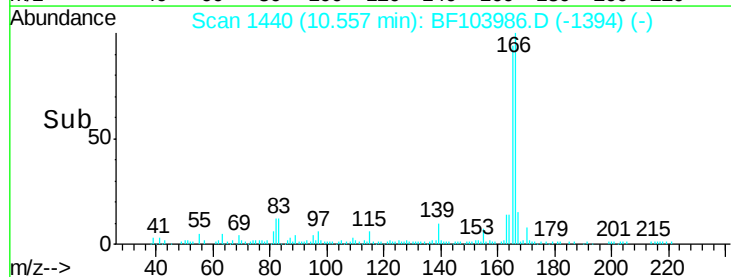
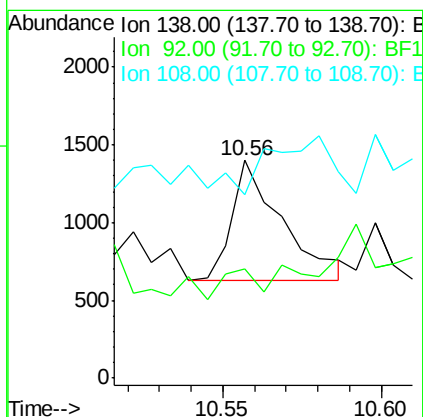
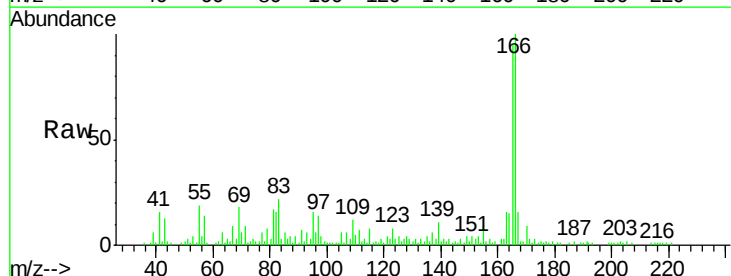
Instrument :
 BNA_F
 ClientSampleId :

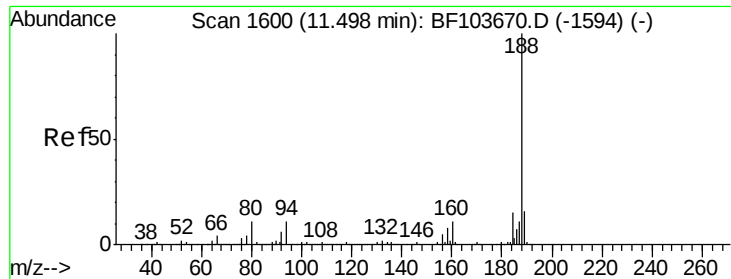
Tot Ion:166 Resp: 46701
 Ion Ratio Lower Upper
 166 100
 165 105.1 79.8 119.8
 167 18.1 10.6 16.0#



#61
4-Nitroaniline
 Concen: 3.940 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.03 min
 Lab File: BF103986.D
 Acq: 27 Mar 2018 22:32

Tgt Ion:138 Resp: 853
 Ion Ratio Lower Upper
 138 100
 92 50.4 30.2 70.2
 108 84.2 52.5 92.5

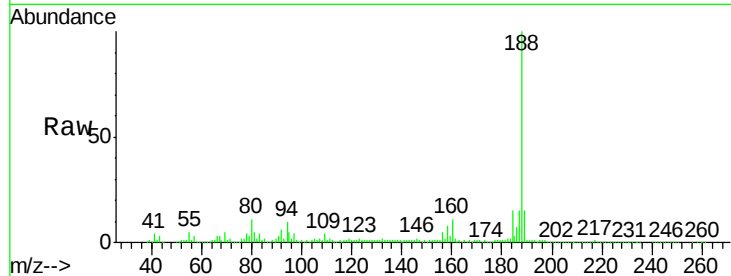




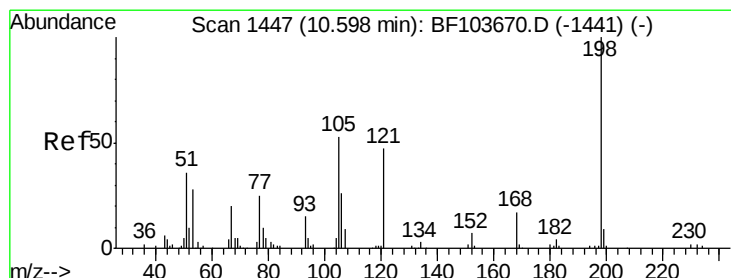
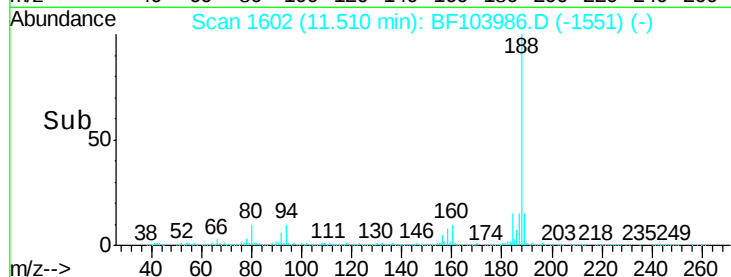
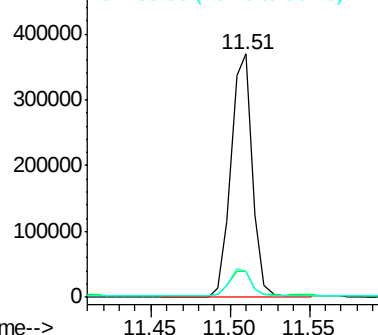
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.00 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 348650
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 10.7 9.2 13.8

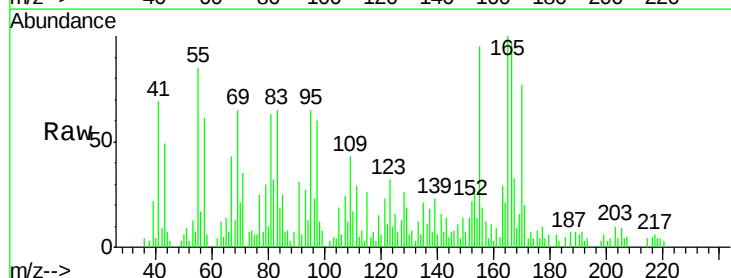


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

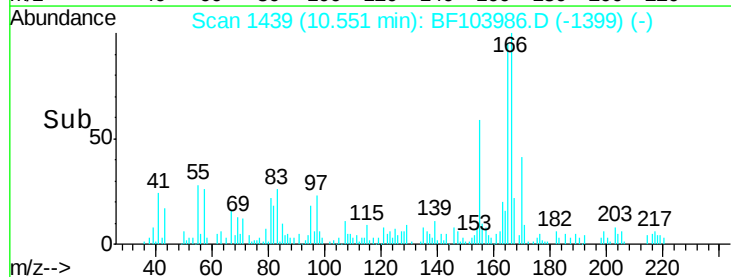
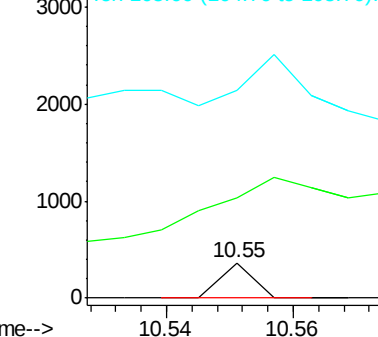


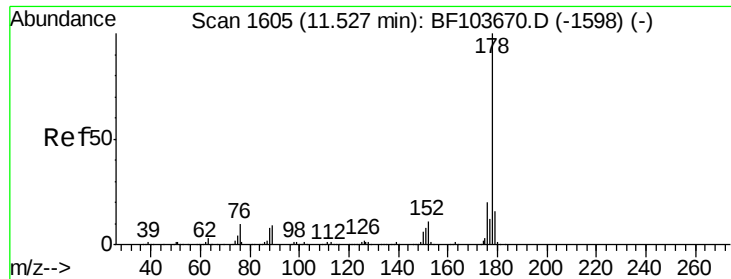
#64
4,6-Dinitro-2-methylphenol
Concen: 8.226 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.06 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:198 Resp: 128
Ion Ratio Lower Upper
198 100
51 283.7 37.7 77.7#
105 590.9 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E





#70

Phenanthrene

Concen: 20.946 ng

RT: 11.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

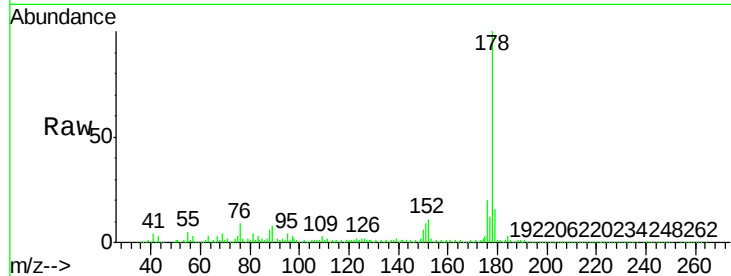
Tot Ion:178 Resp: 399488

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.8

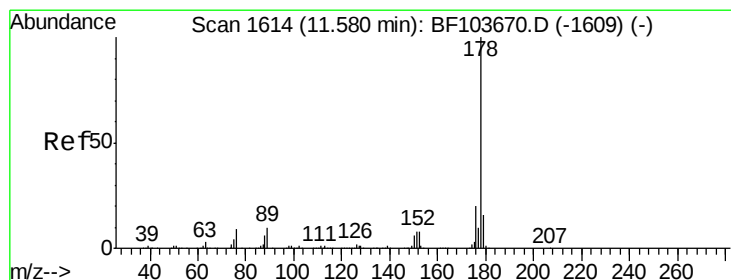
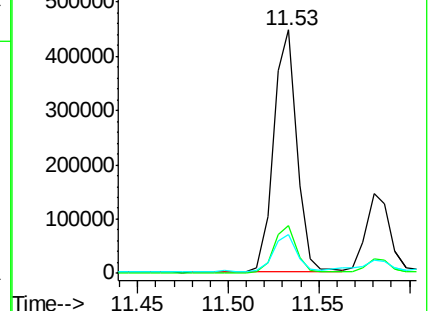
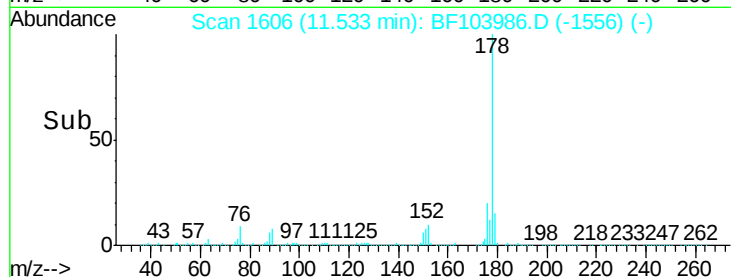
179 15.9 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 6.545 ng

RT: 11.58 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

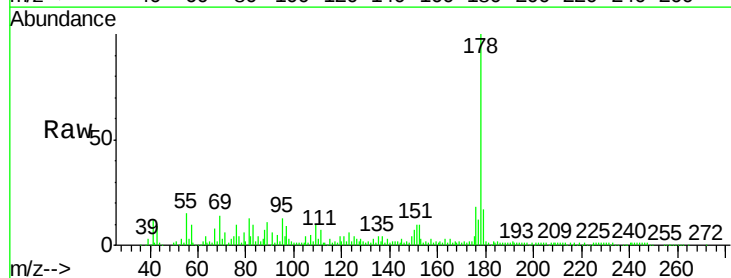
Tgt Ion:178 Resp: 126776

Ion Ratio Lower Upper

178 100

176 17.9 15.4 23.2

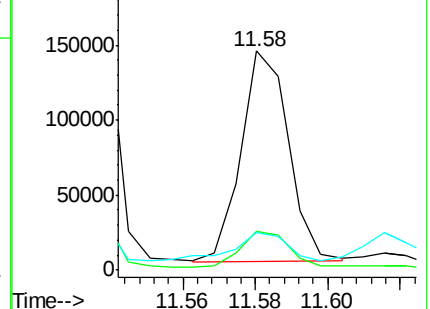
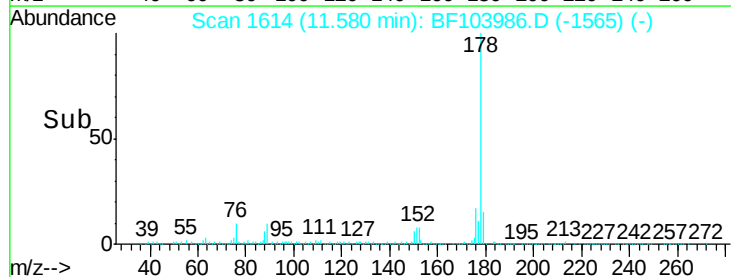
179 17.2 12.6 19.0

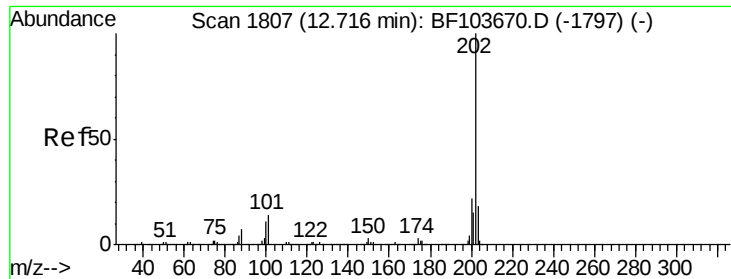


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 31.504 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.00 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

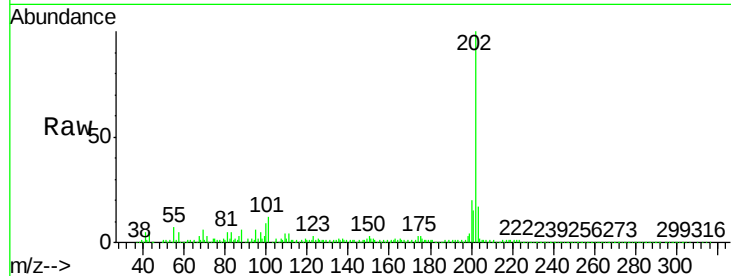
Tot Ion:202 Resp: 619011

Ion Ratio Lower Upper

202 100

101 11.9 0.0 34.1

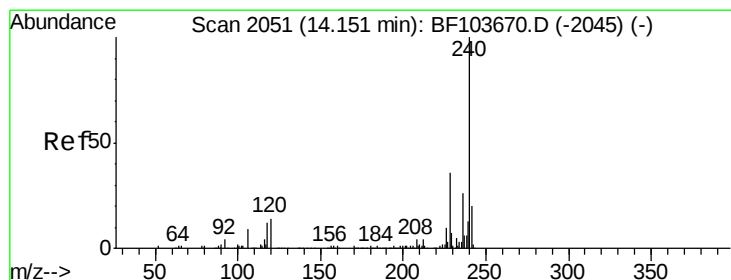
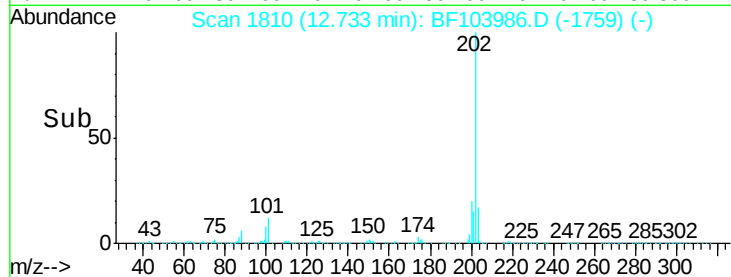
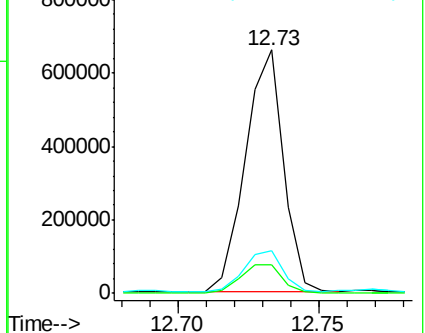
203 17.3 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

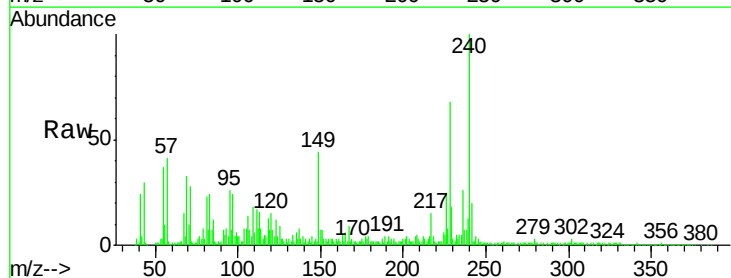
Tgt Ion:240 Resp: 215071

Ion Ratio Lower Upper

240 100

120 15.4 9.5 14.3#

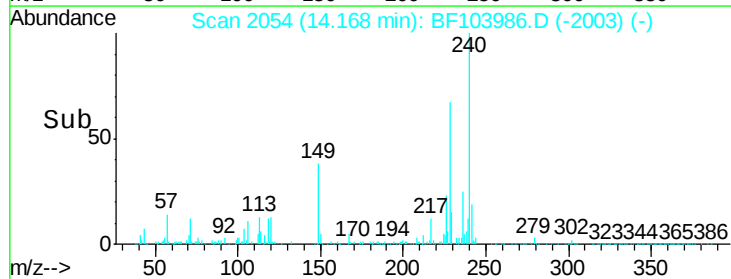
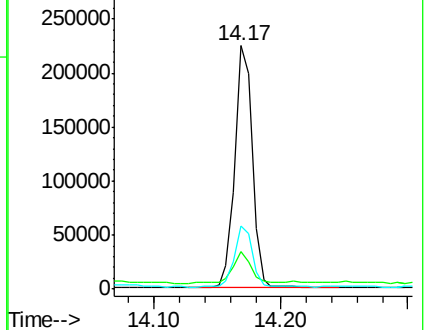
236 26.1 20.7 31.1

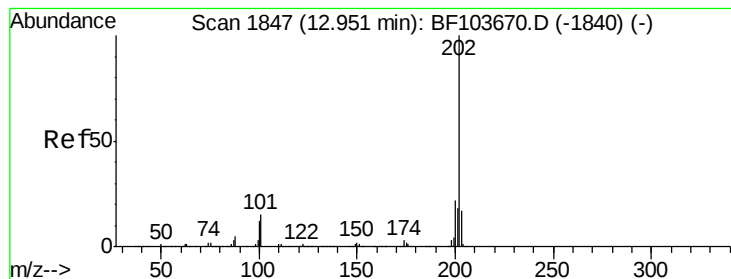


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 41.740 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.00 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampled :

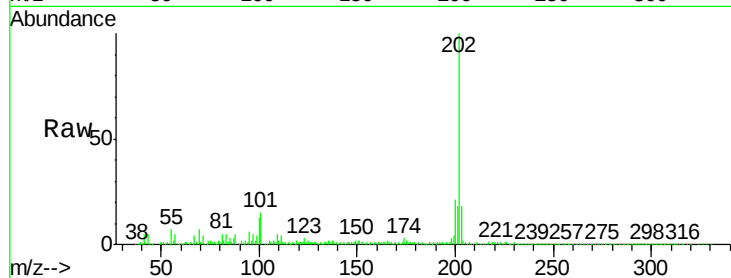
Tot Ion:202 Resp: 659276

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

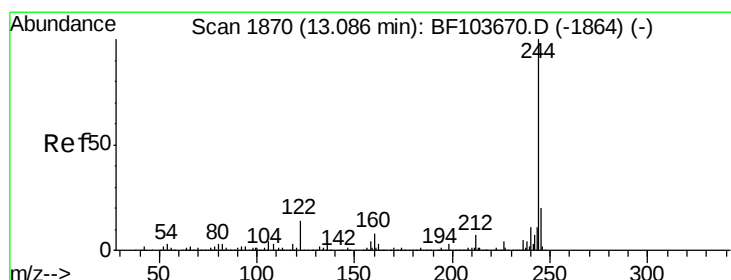
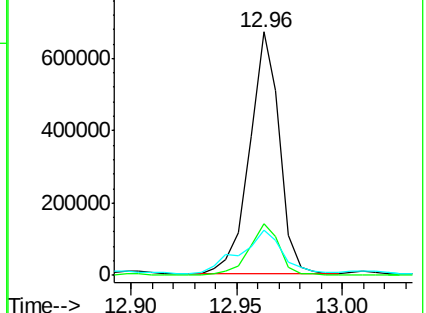
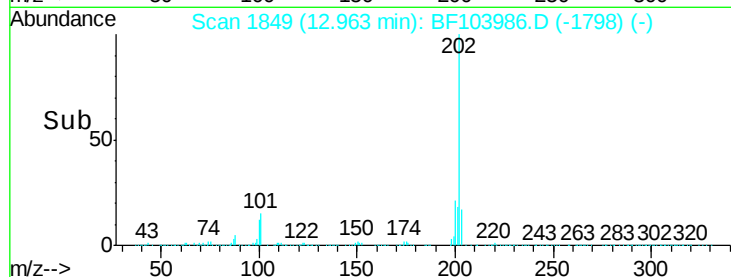
203 18.4 14.3 21.5



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: 72.531 ng

RT: 13.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

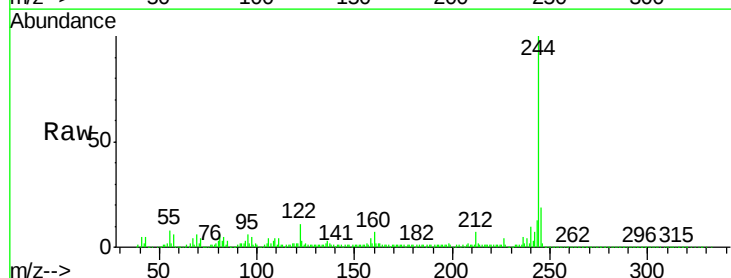
Tgt Ion:244 Resp: 672050

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

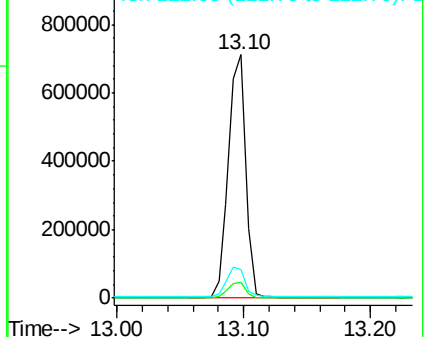
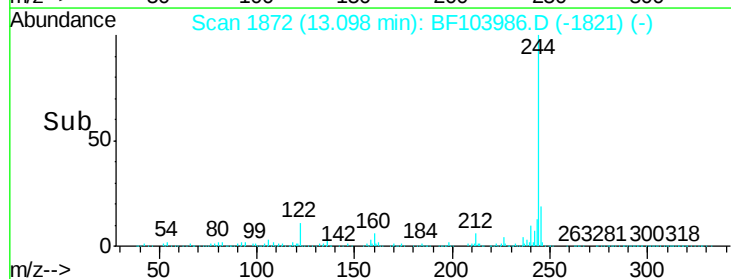
122 11.5 11.0 16.4

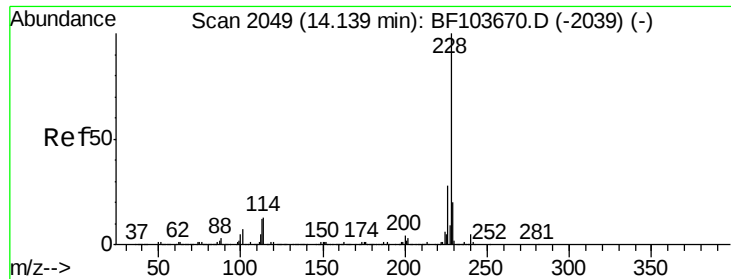


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

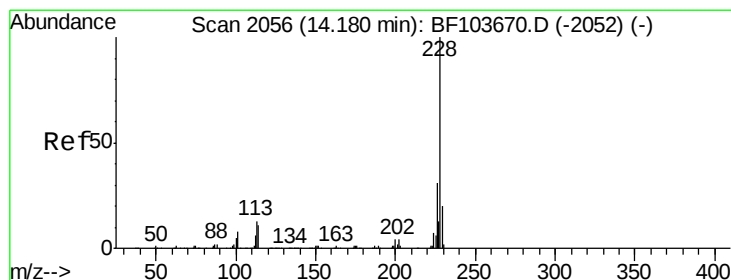
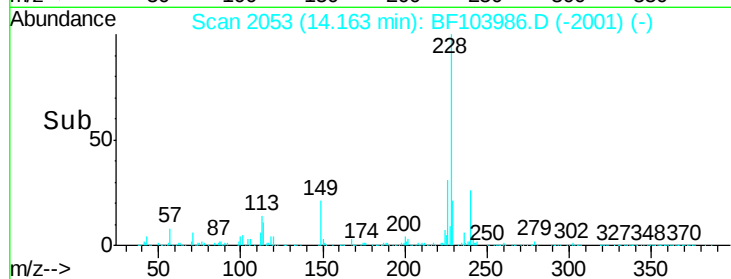
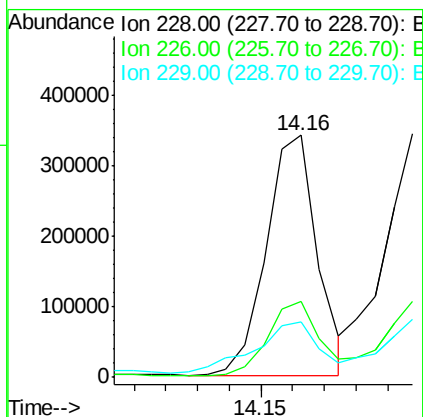
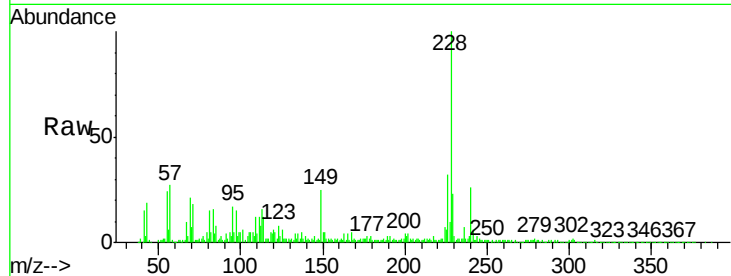




#80
Benzo(a)anthracene
Concen: 27.949 ng
RT: 14.16 min Scan# 2053
Delta R.T. 0.01 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

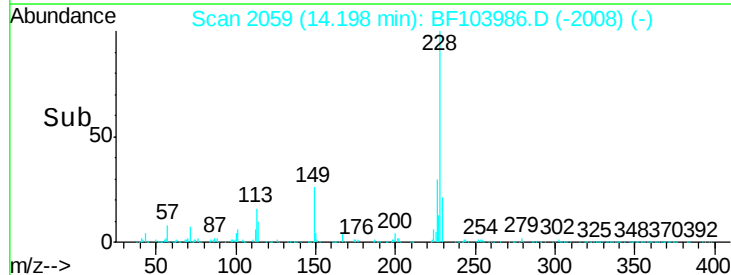
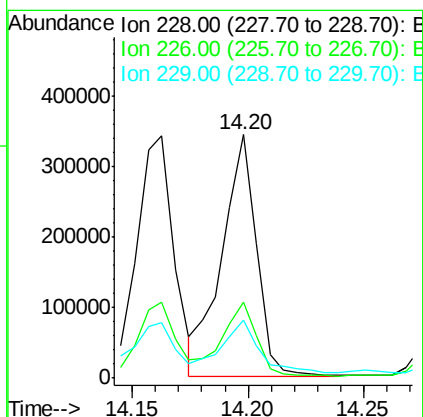
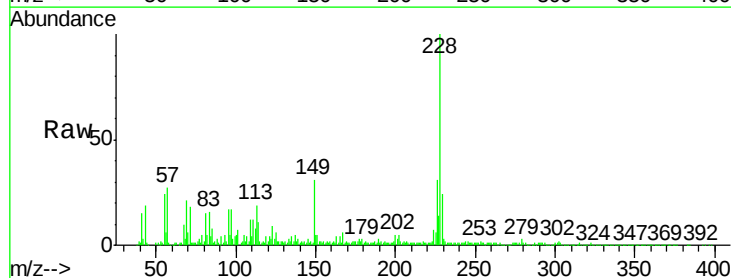
Instrument :
BNA_F
ClientSampled :

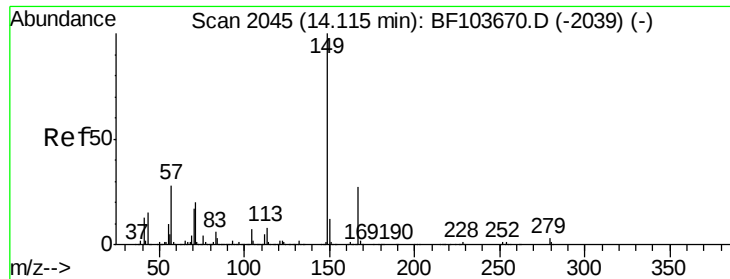
Tot Ion:228 Resp: 380493
Ion Ratio Lower Upper
228 100
226 31.5 22.6 33.8
229 22.8 15.8 23.6



#82
Chrysene
Concen: 27.451 ng
RT: 14.20 min Scan# 2059
Delta R.T. -0.00 min
Lab File: BF103986.D
Acq: 27 Mar 2018 22:32

Tgt Ion:228 Resp: 356250
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 24.0 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 126.665 ng

RT: 14.13 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

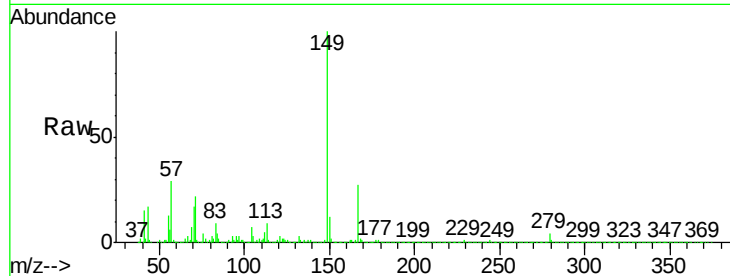
Tot Ion:149 Resp: 1266278

Ion	Ratio	Lower	Upper
149	100		
167	27.0	21.3	31.9
279	4.4	3.0	4.4

149 100

167 27.0 21.3 31.9

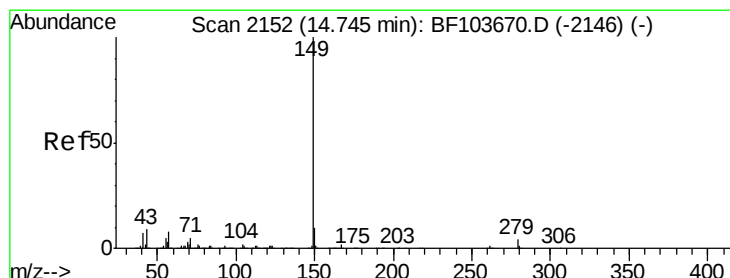
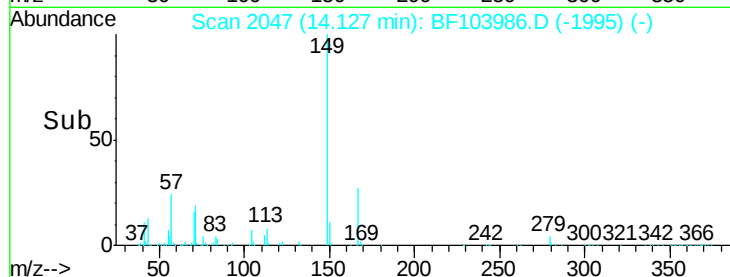
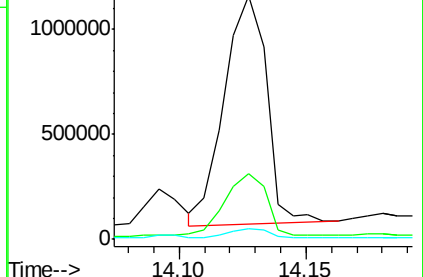
279 4.4 3.0 4.4



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: 5.372 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.09 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

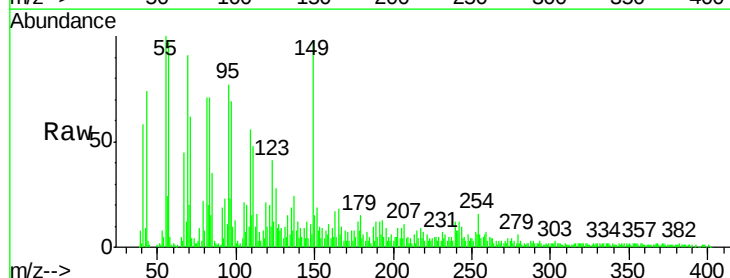
Tgt Ion:149 Resp: 78134

Ion	Ratio	Lower	Upper
149	100		
167	7.2	1.2	1.8#
43	0.0	8.4	12.6#

149 100

167 7.2 1.2 1.8#

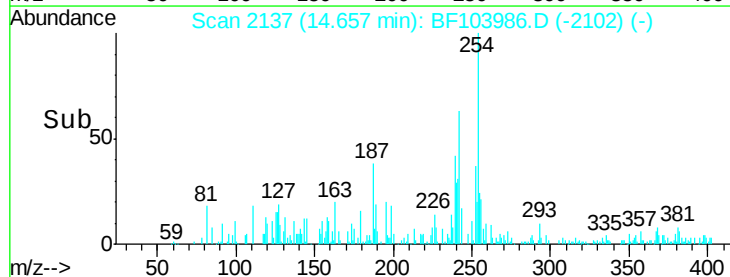
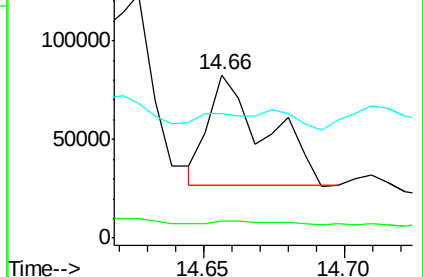
43 0.0 8.4 12.6#

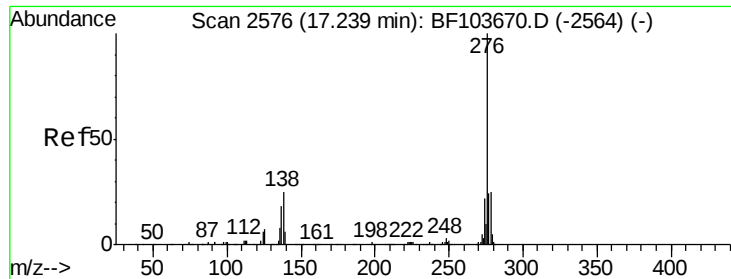


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 21.480 ng

RT: 17.32 min Scan# 2589

Delta R.T. 0.02 min

Lab File: BF103986.D

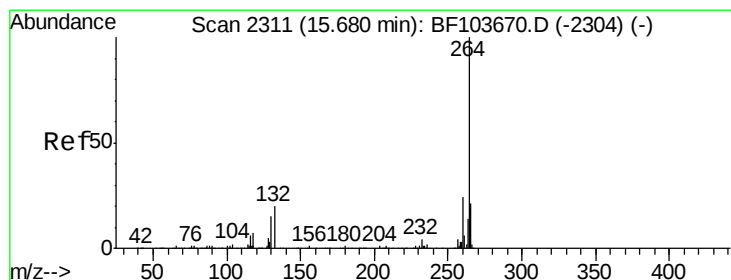
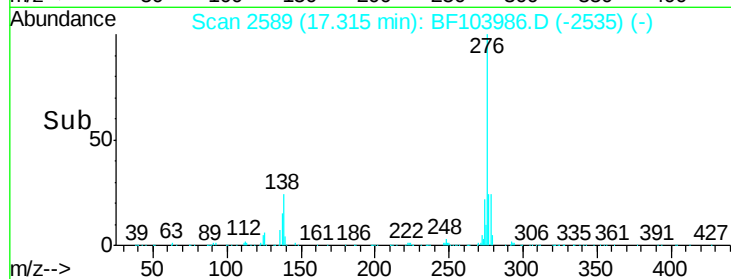
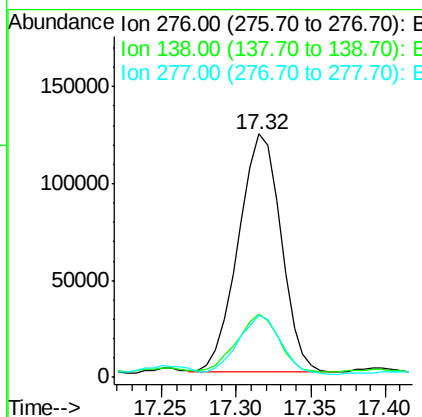
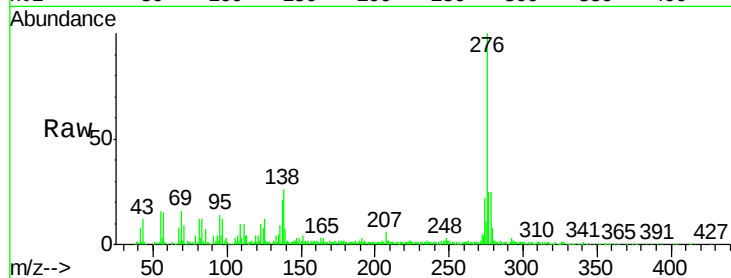
Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	276	Resp:	243443
Ion	Ratio	Lower	Upper
276	100		
138	24.3	25.0	37.6#
277	24.8	20.1	30.1



#86

Perylene-d12

Concen: 20.000 ng

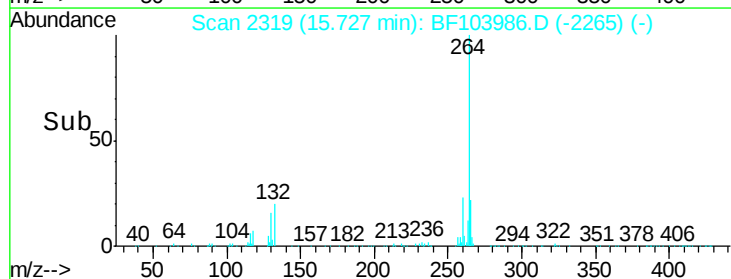
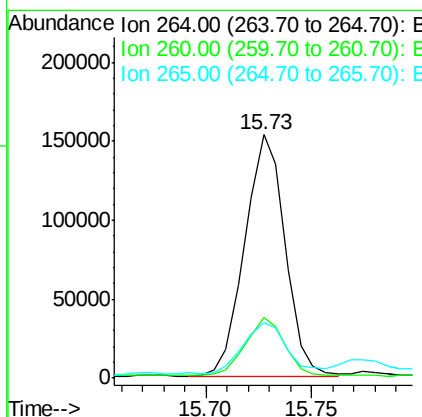
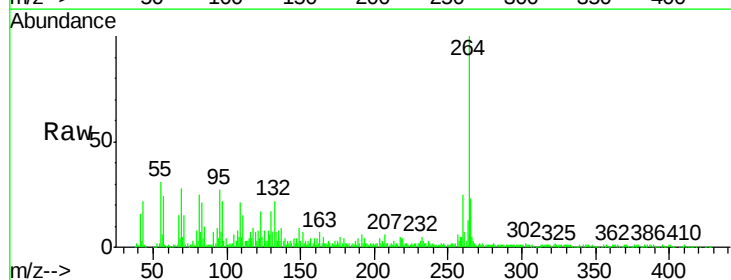
RT: 15.73 min Scan# 2319

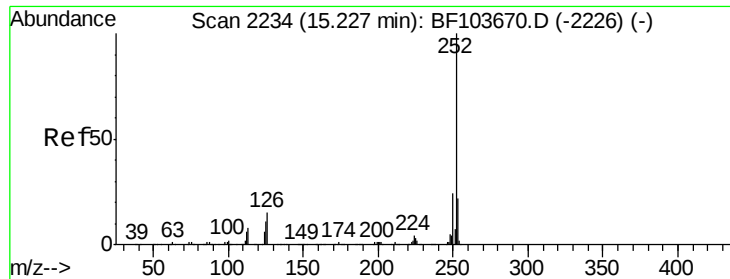
Delta R.T. 0.02 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Tgt Ion:	264	Resp:	203483
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.2	28.8
265	23.0	17.5	26.3





#87

Benzo(b)fluoranthene

Concen: 50.133 ng

RT: 15.27 min Scan# 2241

Delta R.T. 0.02 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

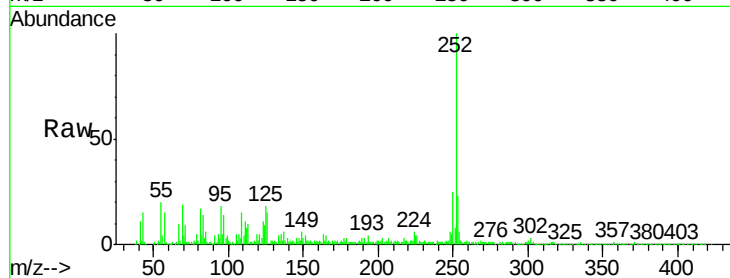
Tot Ion:252 Resp: 644482

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.6

125 18.0 9.0 13.6#

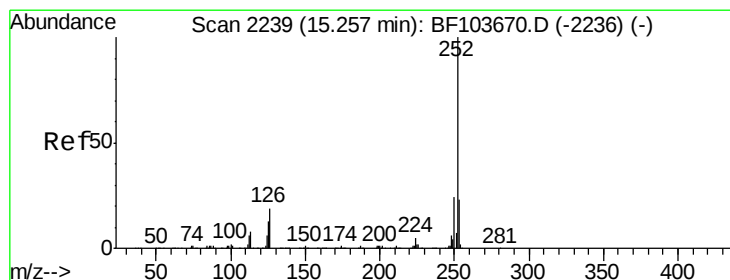
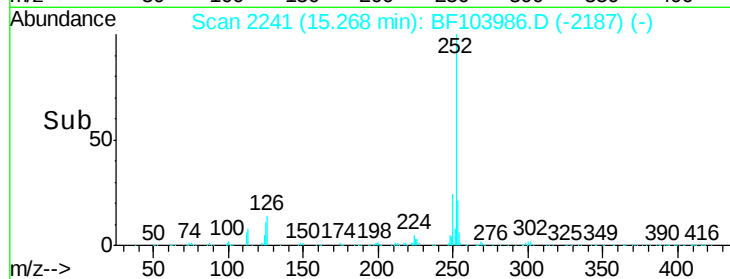
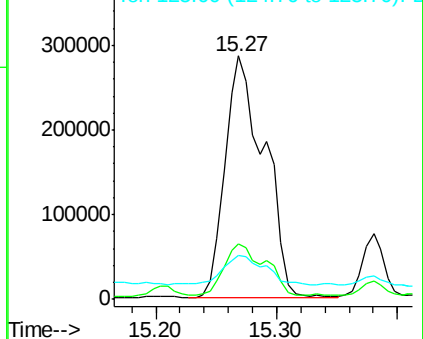


Abundance

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: 52.152 ng

RT: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

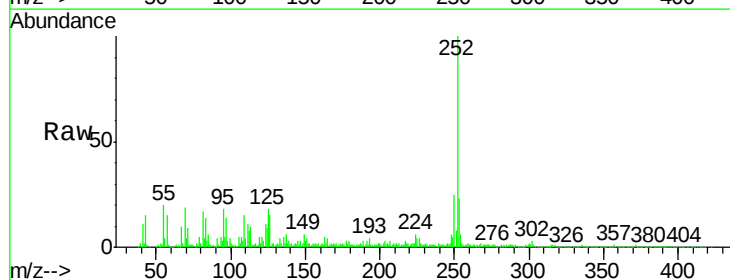
Tgt Ion:252 Resp: 644482

Ion Ratio Lower Upper

252 100

253 22.8 17.9 26.9

125 18.0 10.2 15.2#

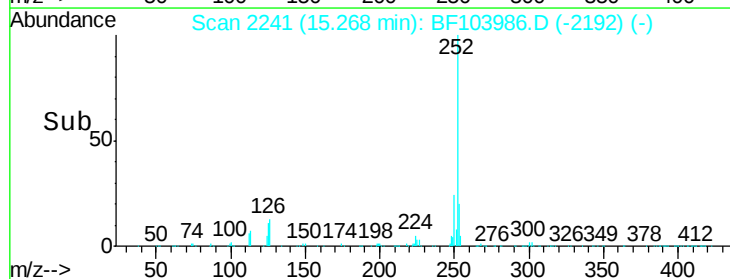
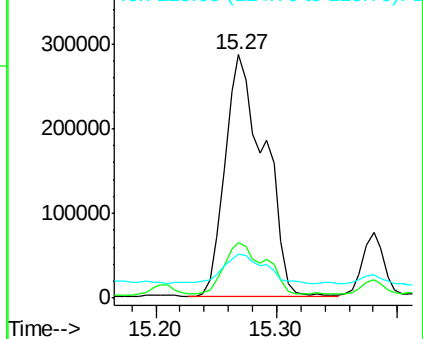


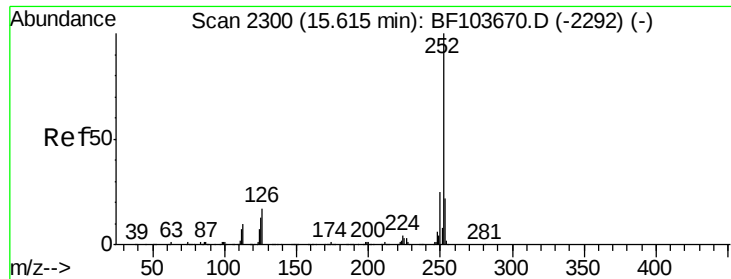
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 33.462 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.02 min

Lab File: BF103986.D

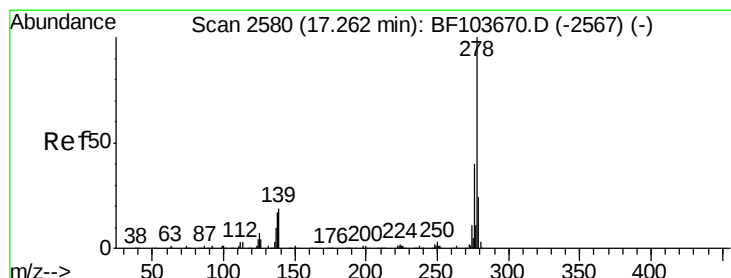
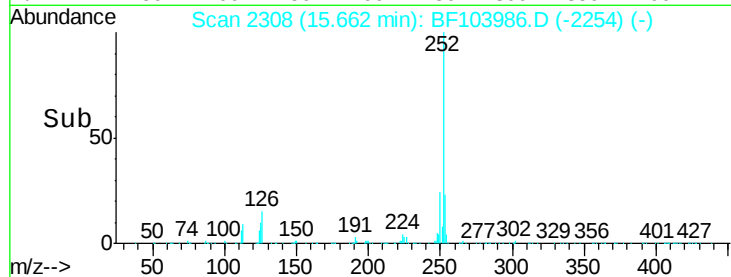
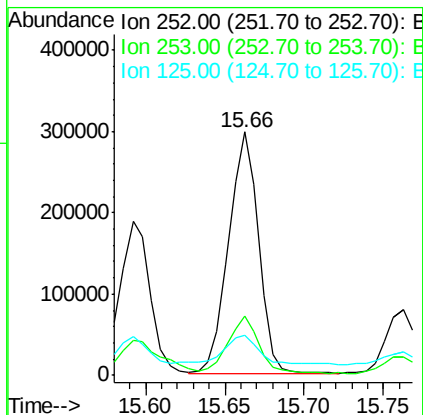
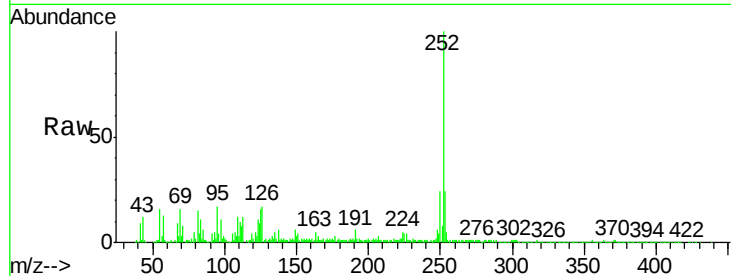
Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	252	Resp:	390168
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	16.4	9.8	14.6



#90

Dibenzo(a,h)anthracene

Concen: 6.784 ng

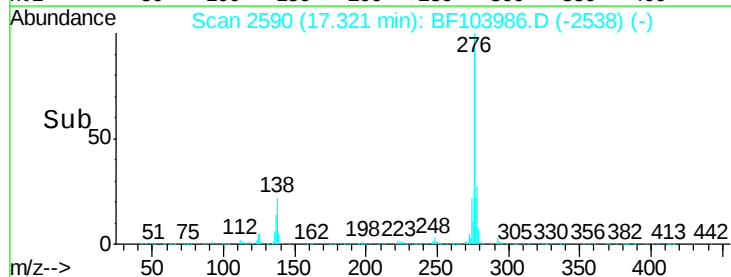
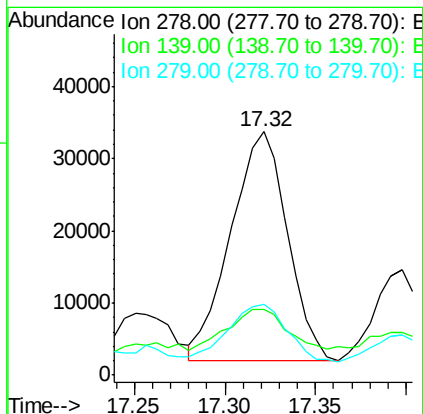
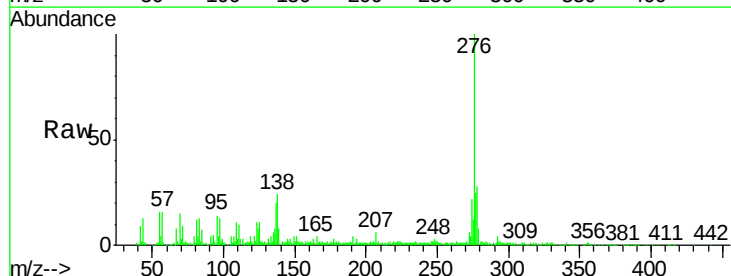
RT: 17.32 min Scan# 2590

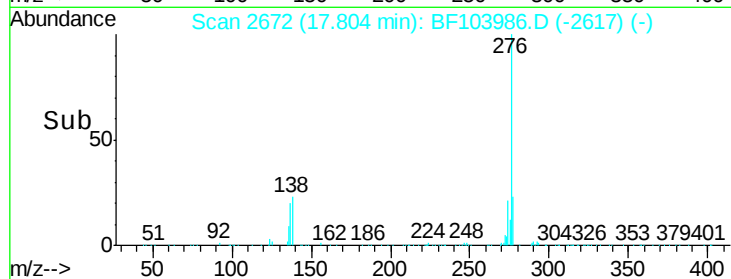
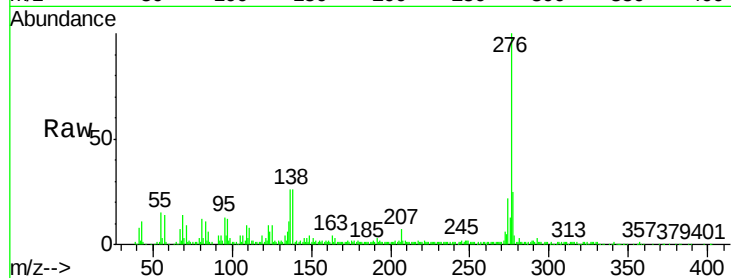
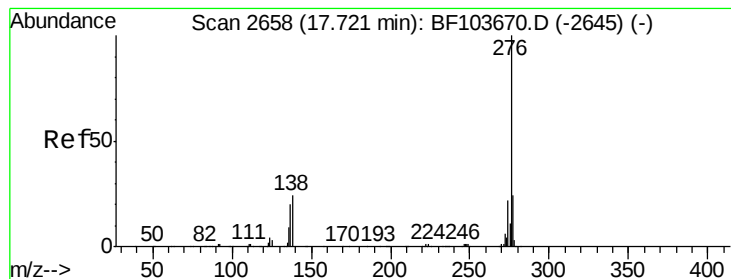
Delta R.T. 0.01 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Tgt Ion:	278	Resp:	68498
Ion	Ratio	Lower	Upper
278	100		
139	26.8	15.9	23.9
279	29.1	19.0	28.4





#91

Benzo(a,h,i)perylene

Concen: 23.968 ng

RT: 17.80 min Scan# 2672

Delta R.T. 0.02 min

Lab File: BF103986.D

Acq: 27 Mar 2018 22:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 235418

Ion Ratio Lower Upper

276 100

277 24.8 17.9 26.9

138 25.8 21.8 32.8

