

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033018\
 Data File : BF104095.D
 Acq On : 30 Mar 2018 16:27
 Operator : JU/SJ
 Sample : J2139-10 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 30 17:22:23 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 30 17:20:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	104087	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	439170	20.00	ng	0.00
38) Acenaphthene-d10	9.99	164	224213	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	394729	20.00	ng	0.00
75) Chrysene-d12	14.15	240	283893	20.00	ng	0.00
86) Perylene-d12	15.69	264	253799	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	1948	0.30	ng	0.09
7) Phenol-d6	6.63	99	3203	0.40	ng	0.04
23) Nitrobenzene-d5	7.55	82	3404	0.47	ng	0.02
41) 2,4,6-Tribromophenol	10.79	330	3813	1.53	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	20482	1.44	ng	0.00
78) Terphenyl-d14	13.07	244	24948	2.03	ng	0.00

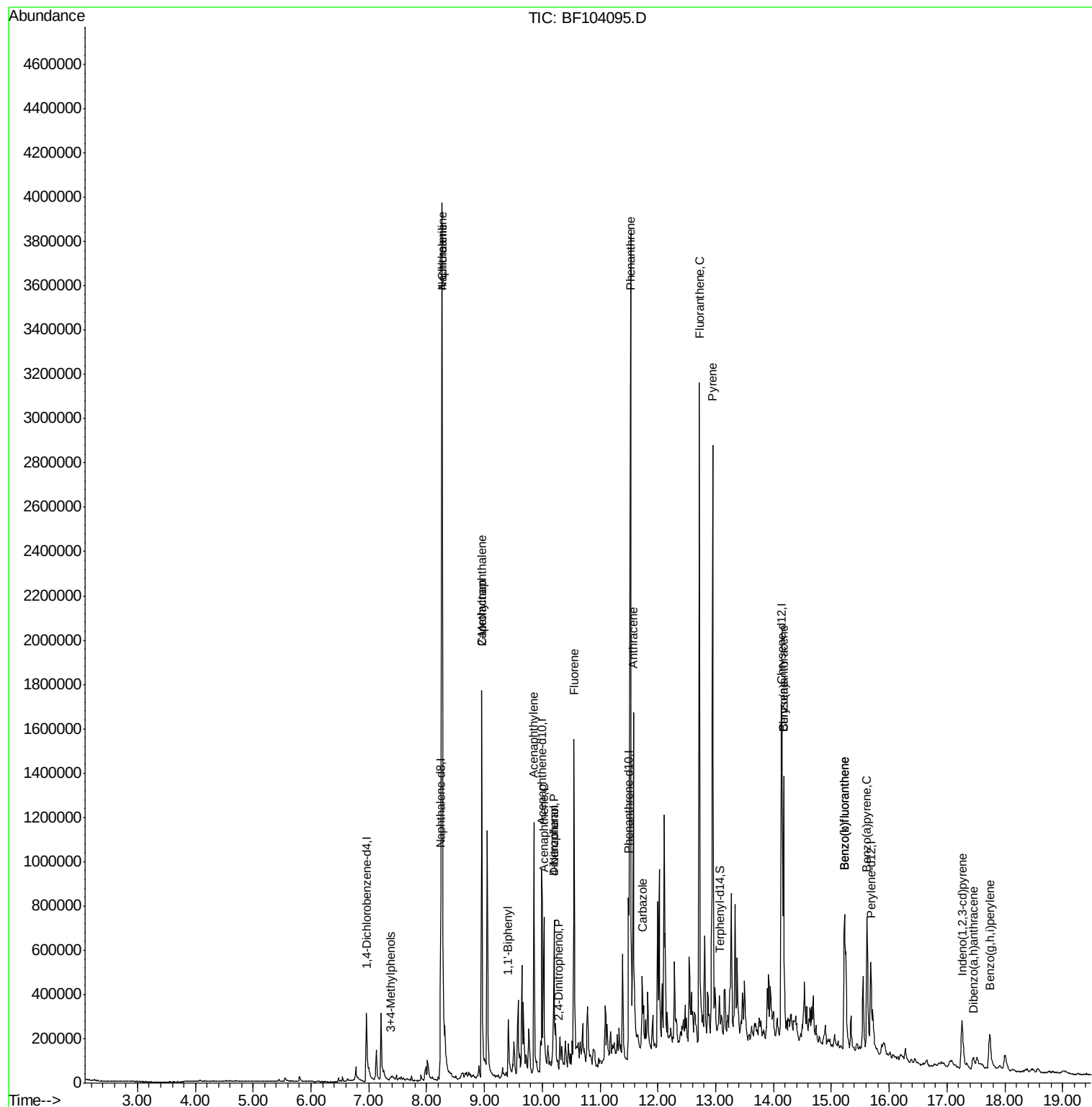
Target Compounds				Qvalue		
9) Benzaldehyde	6.51	77	910	Below Cal	#	1
20) 3+4-Methylphenols	7.37	107	22768	3.061 ng		89
31) Naphthalene	8.27	128	2761672	128.719 ng		99
33) 4-Chloroaniline	8.27	127	369970	40.902 ng	#	36
35) Caprolactam	8.95	113	11013	5.846 ng	#	1
37) 2-Methylnaphthalene	8.95	142	603395	42.696 ng		98
45) 1,1'-Biphenyl	9.41	154	157084	8.163 ng		99
48) Acenaphthylene	9.86	152	543011	23.613 ng		100
51) Acenaphthene	10.03	154	148682	11.176 ng		100
53) 2,4-Dinitrophenol	10.28	184	109	5.633 ng	#	24
54) Dibenzofuran	10.20	168	380333	19.578 ng		99
55) 4-Nitrophenol	10.20	139	147668	56.253 ng	#	10
57) Fluorene	10.55	166	554428	34.598 ng		100
70) Phenanthrene	11.53	178	2018219	94.437 ng		99
71) Anthracene	11.57	178	856724	38.379 ng		99
72) Carbazole	11.73	167	201004	9.434 ng		99
74) Fluoranthene	12.72	202	1515401	66.710 ng		99
77) Pyrene	12.95	202	1435692	70.350 ng		100
80) Benzo(a)anthracene	14.17	228	497457	28.004 ng		94
82) Chrysene	14.17	228	497457	28.592 ng		98
85) Indeno(1,2,3-cd)pyrene	17.26	276	187879	10.421 ng	#	88
87) Benzo(b)fluoranthene	15.23	252	622253	40.286 ng		96
88) Benzo(k)fluoranthene	15.23	252	622253	42.766 ng		99
89) Benzo(a)pyrene	15.62	252	393784	27.511 ng		97
90) Dibenzo(a,h)anthracene	17.46	278	41167	3.111 ng		95
91) Benzo(g,h,i)perylene	17.74	276	176503	13.316 ng		94

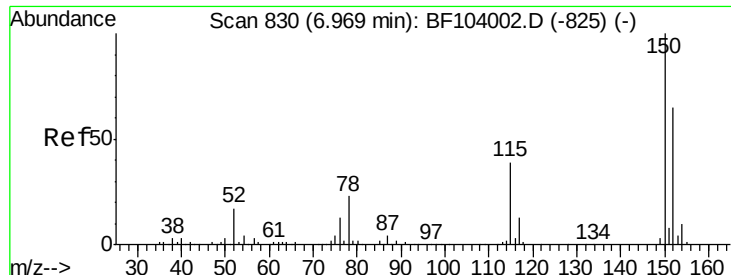
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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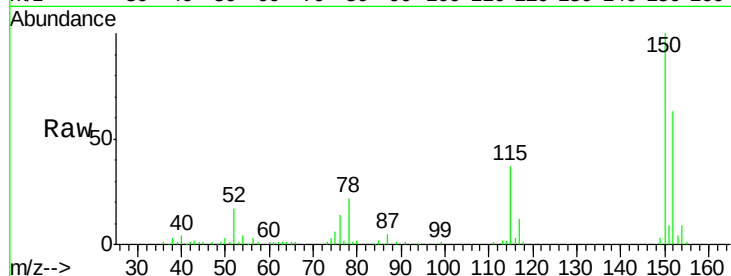


#1

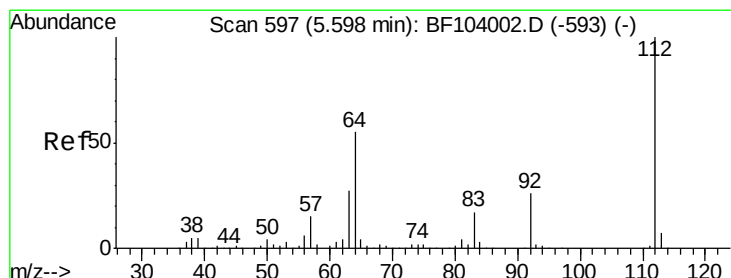
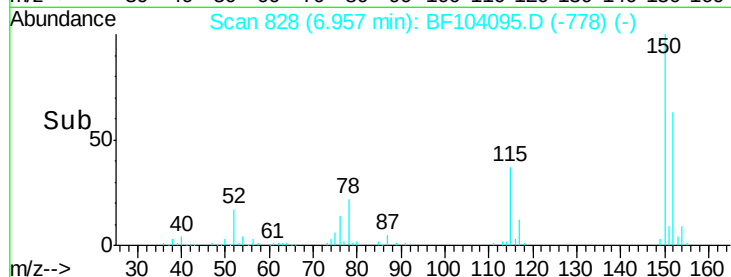
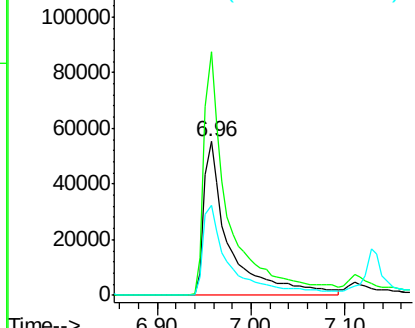
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	124.6	186.8
115	58.8	50.1	75.1



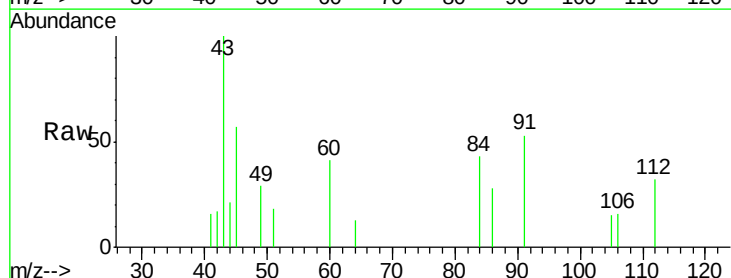
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



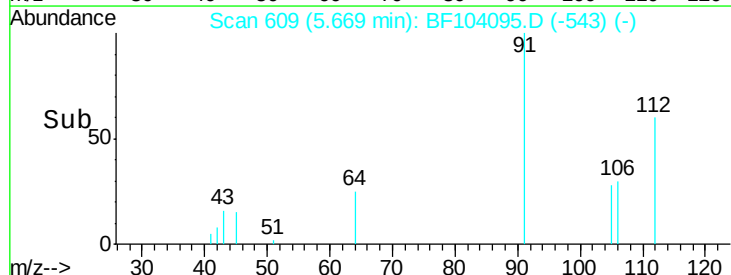
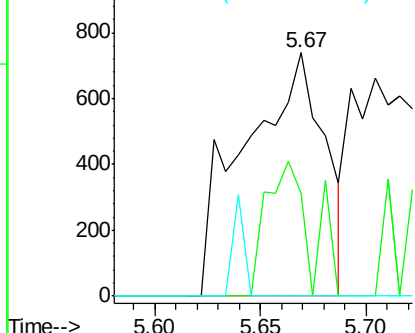
#5

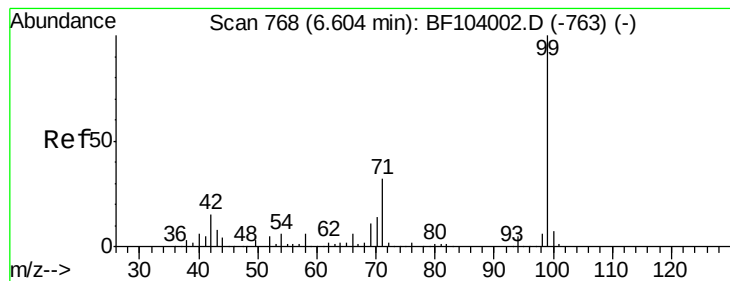
2-Fluorophenol
Concen: 0.298 ng
RT: 5.67 min Scan# 609
Delta R.T. 0.09 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	42.4	47.9	71.9#
63	0.0	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: 0.399 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.04 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

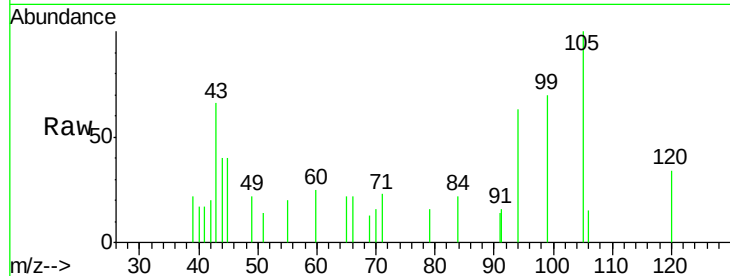
Tot Ion: 99 Resp: 3203

Ion Ratio Lower Upper

99 100

42 28.6 14.5 21.7#

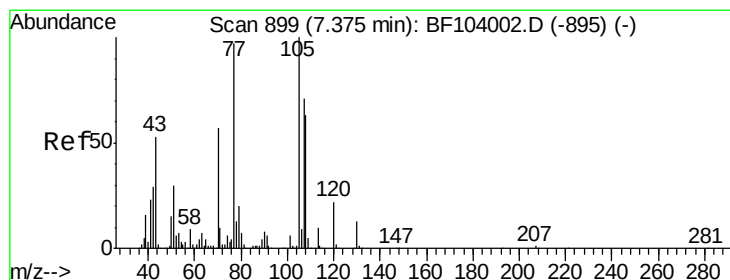
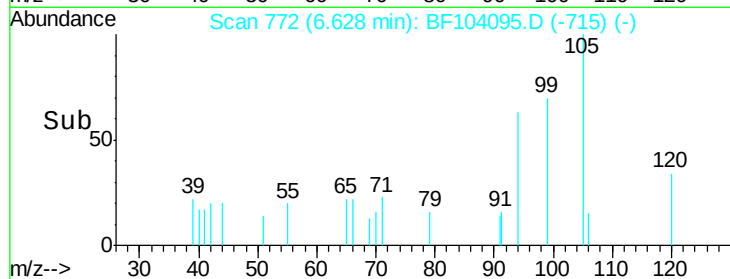
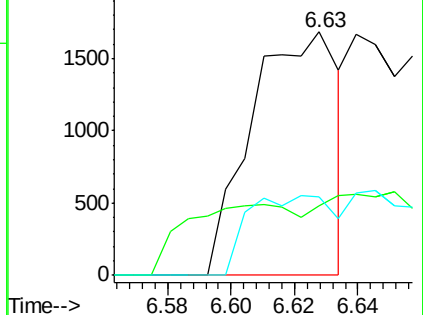
71 32.4 25.4 38.0



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



#20

3+4-Methylphenols

Concen: 3.061 ng

RT: 7.37 min Scan# 899

Delta R.T. 0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Tgt Ion: 107 Resp: 22768

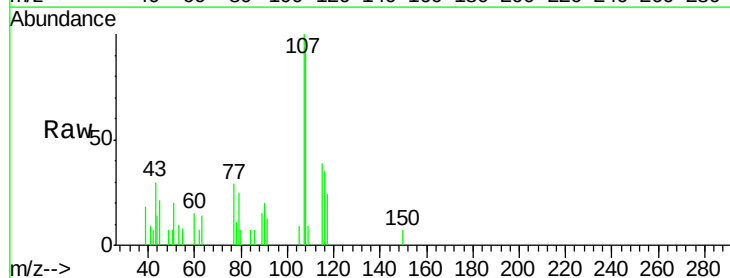
Ion Ratio Lower Upper

107 100

108 92.8 68.2 108.2

77 28.6 26.7 66.7

79 24.8 6.3 46.3

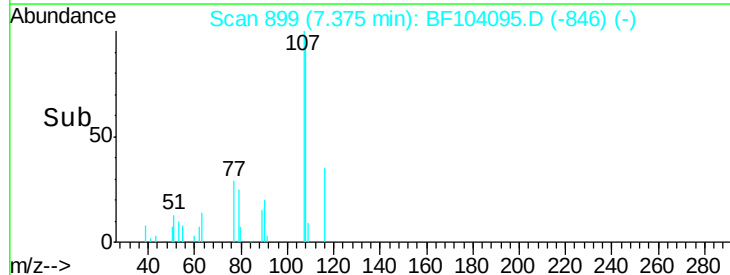
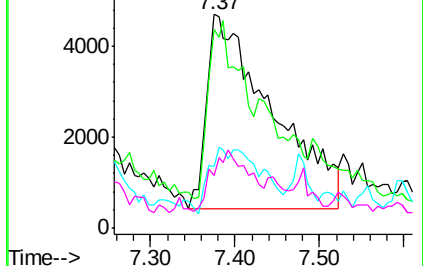


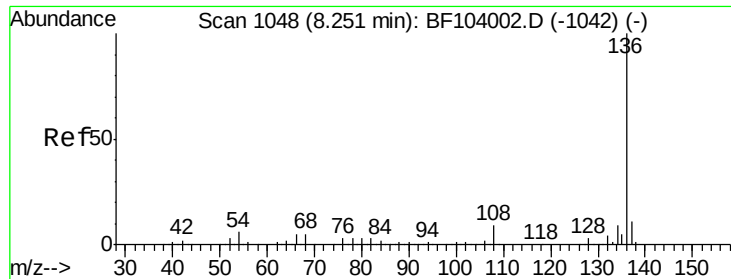
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.00 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 439170

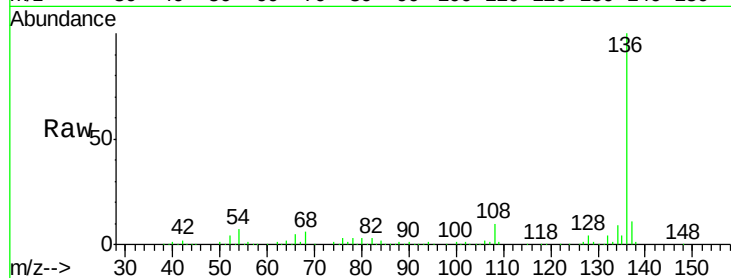
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 6.7 6.6 9.8

68 5.8 5.0 7.4

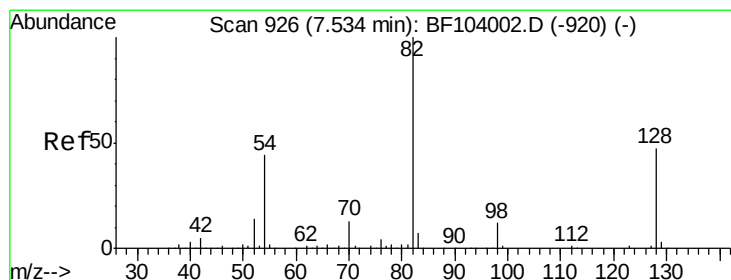
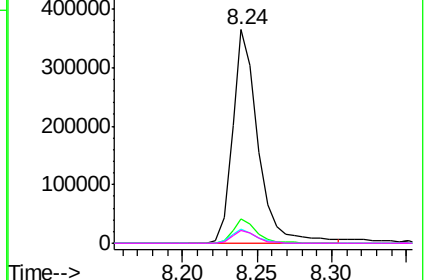
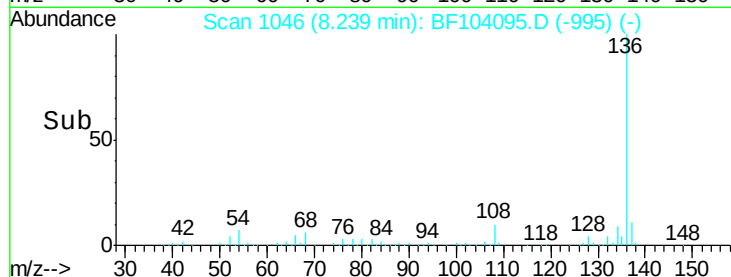


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 0.474 ng

RT: 7.55 min Scan# 928

Delta R.T. 0.02 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

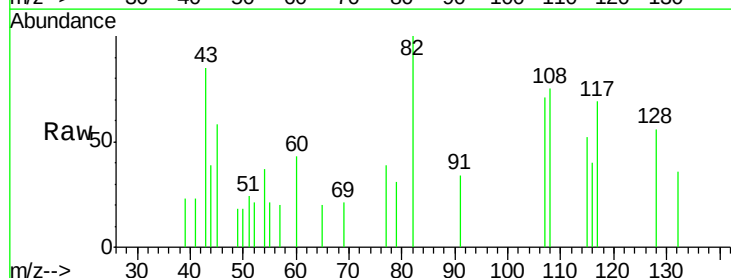
Tgt Ion: 82 Resp: 3404

Ion Ratio Lower Upper

82 100

128 55.8 36.1 54.1#

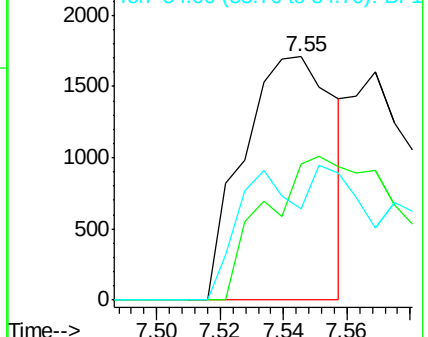
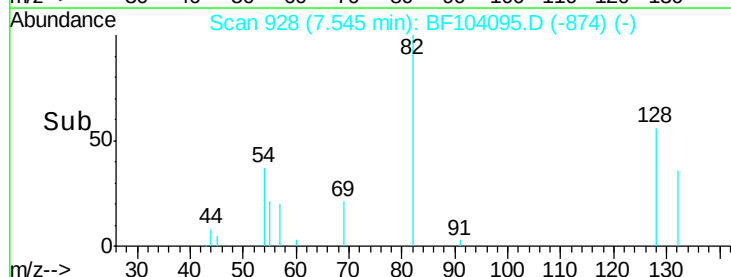
54 37.5 41.4 62.2#

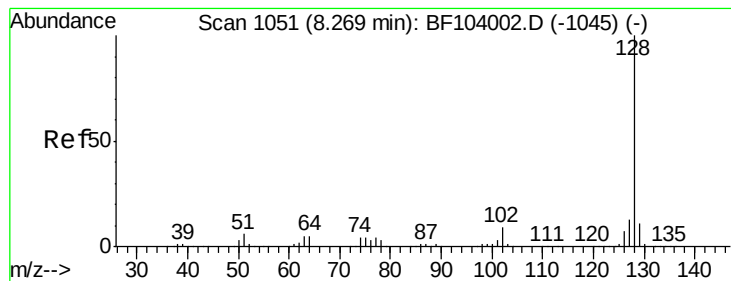


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#31

Naphthalene

Concen: 128.719 ng

RT: 8.27 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampled :

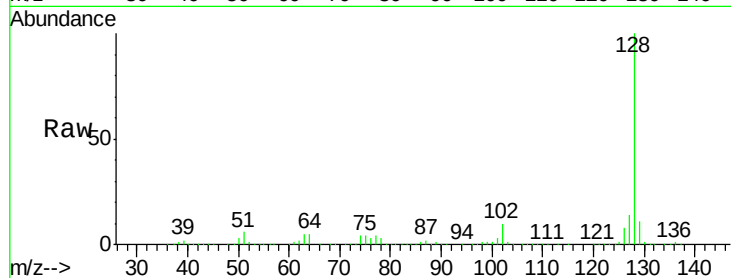
Tot Ion:128 Resp: 2761672

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

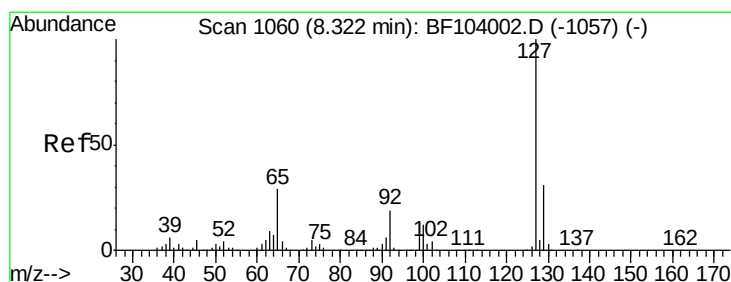
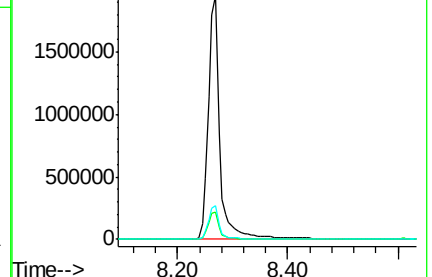
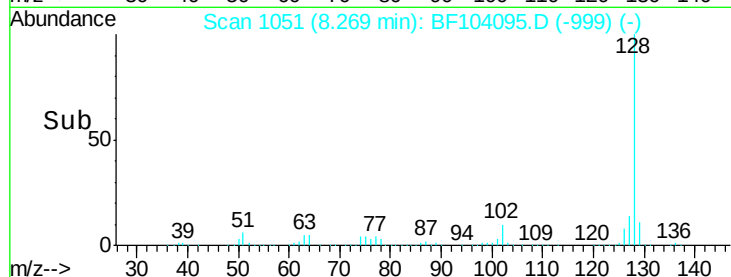
127 14.1 10.9 16.3



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



#33

4-Chloroaniline

Concen: 40.902 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Tgt Ion:127 Resp: 369970

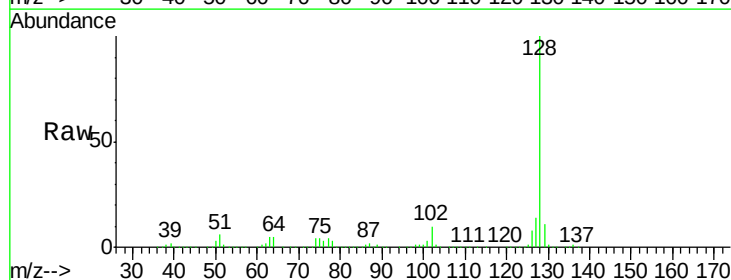
Ion Ratio Lower Upper

127 100

129 80.0 25.9 38.9#

65 0.0 25.0 37.4#

92 0.0 15.2 22.8#

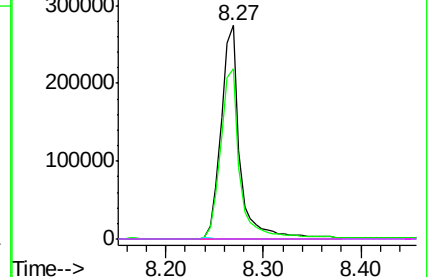
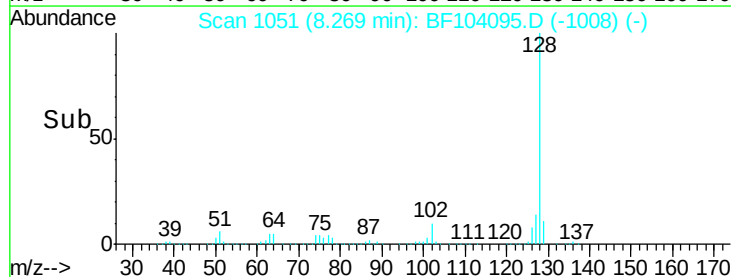


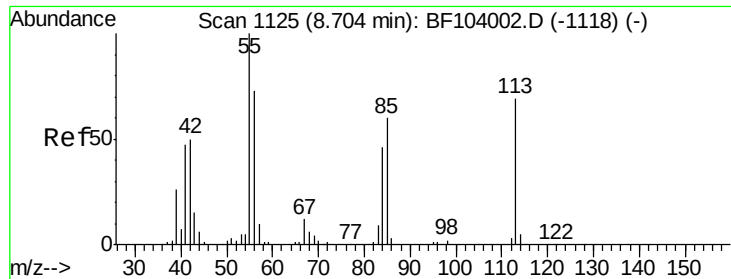
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

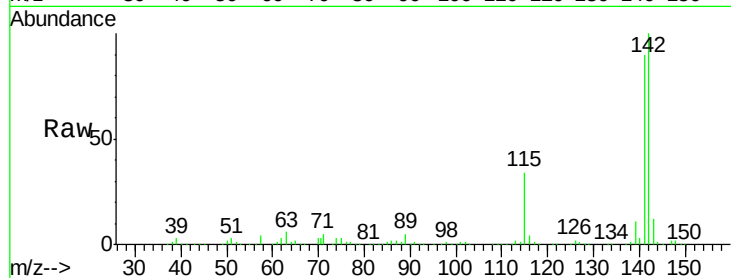




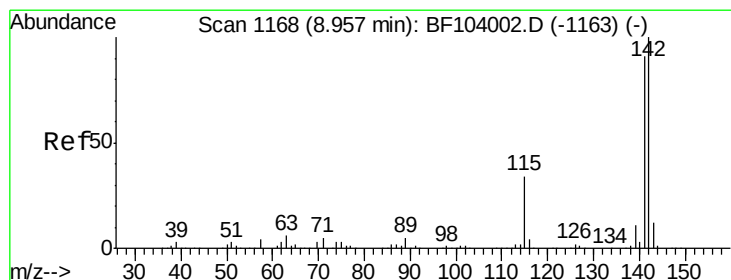
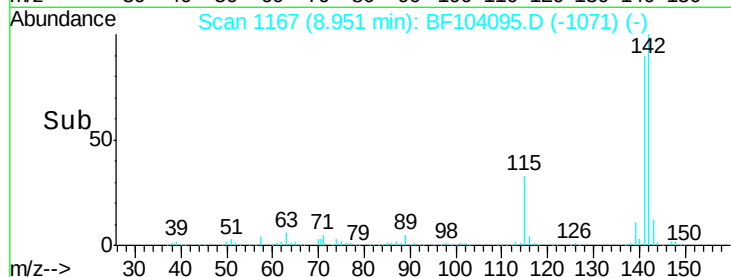
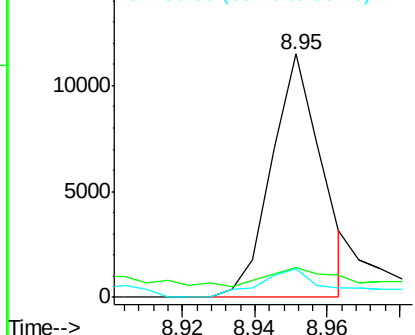
#35
Caprolactam
Concen: 5.846 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.26 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 11013
Ion Ratio Lower Upper
113 100
55 12.4 163.3 203.3#
56 11.6 115.7 155.7#

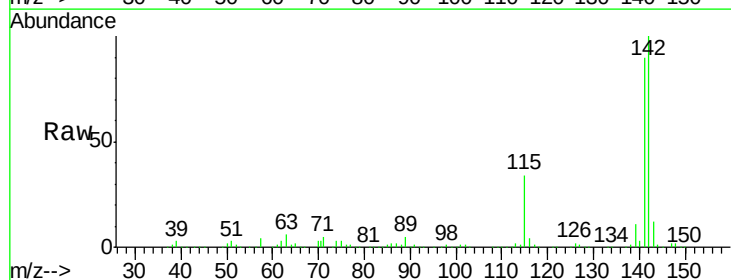


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

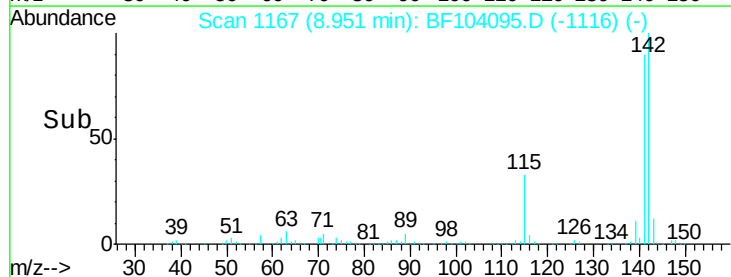
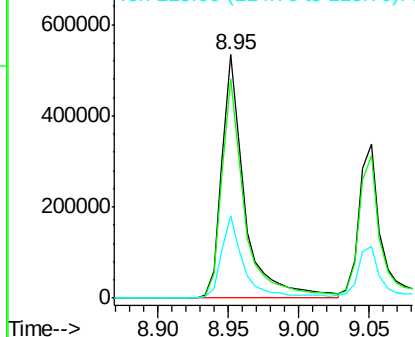


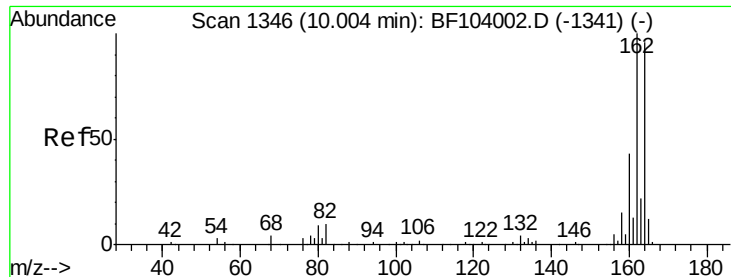
#37
2-Methylnaphthalene
Concen: 42.696 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion:142 Resp: 603395
Ion Ratio Lower Upper
142 100
141 90.1 70.8 106.2
115 33.6 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

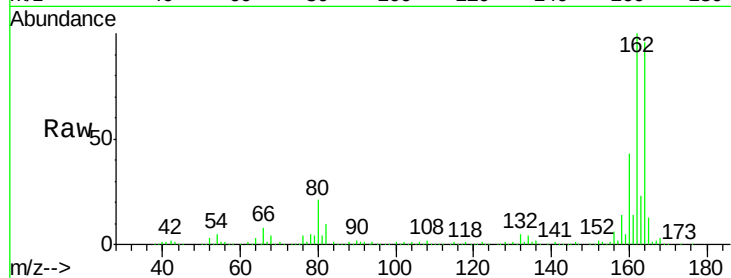




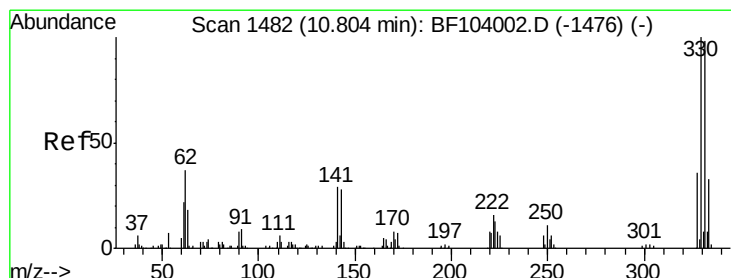
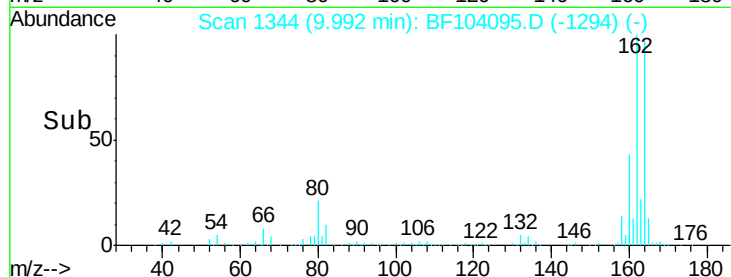
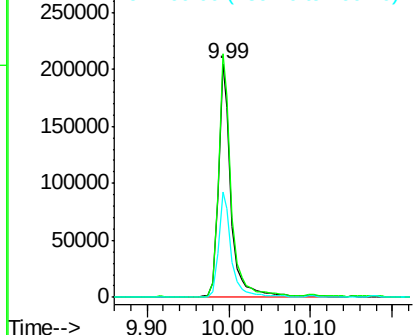
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 224213
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 44.9 38.3 57.5

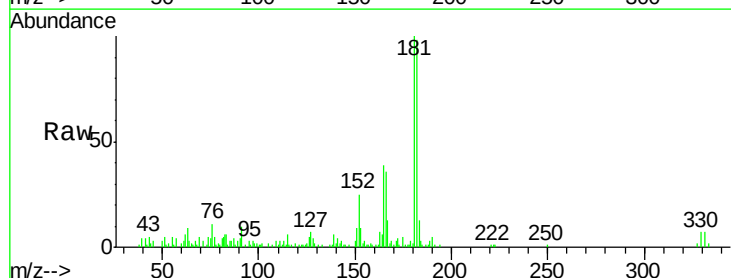


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

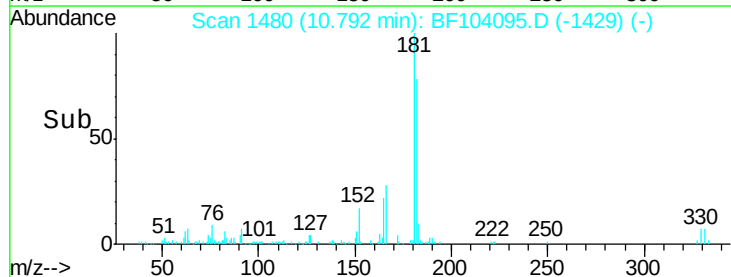
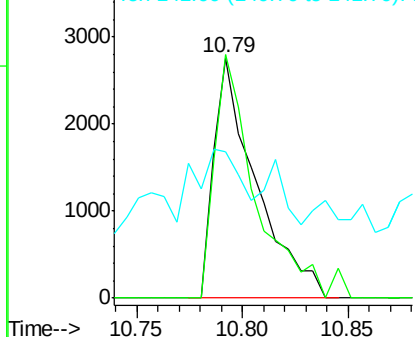


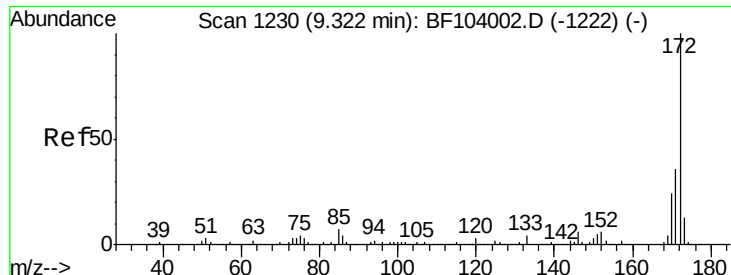
#41
2,4,6-Tribromophenol
Concen: 1.527 ng
RT: 10.79 min Scan# 1480
Delta R.T. 0.00 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion:330 Resp: 3813
Ion Ratio Lower Upper
330 100
332 100.7 77.0 115.6
141 32.1 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

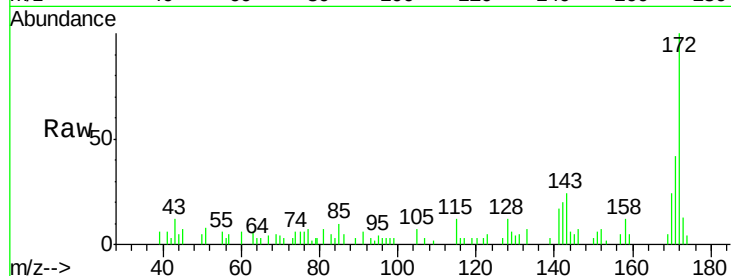




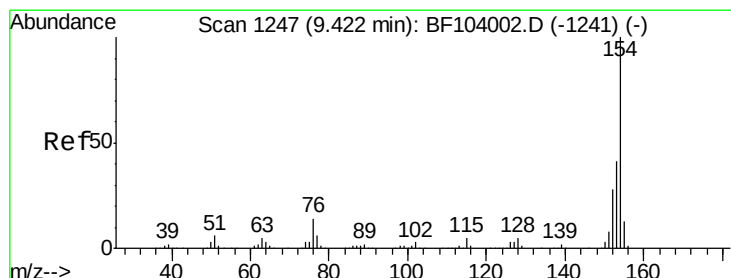
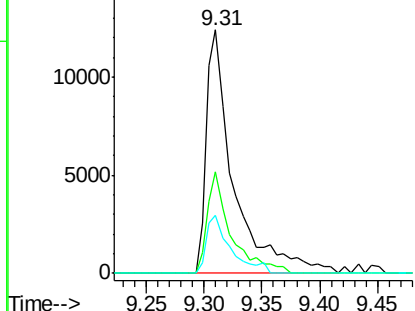
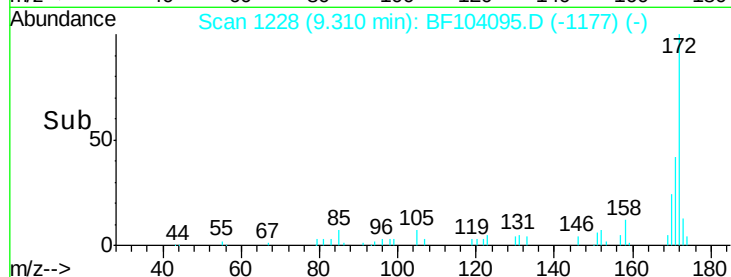
#44
 2-Fluorobiphenyl
 Concen: 1.441 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. 0.00 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 20482
 Ion Ratio Lower Upper
 172 100
 171 41.6 29.7 44.5
 170 23.7 19.6 29.4

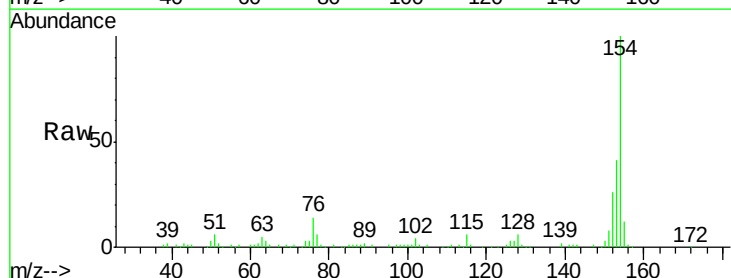


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

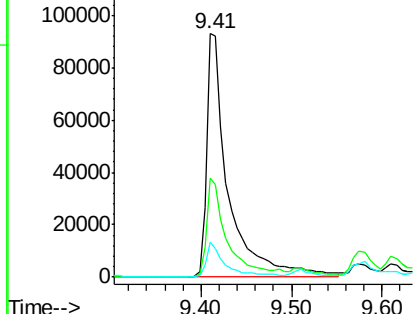
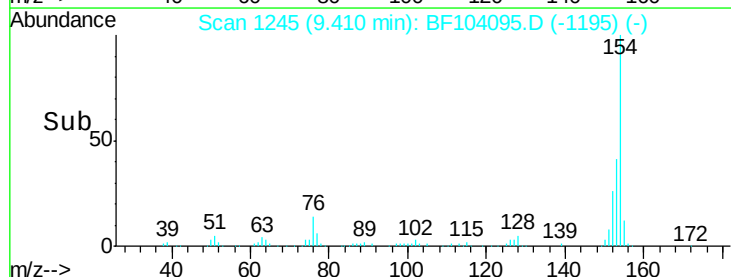


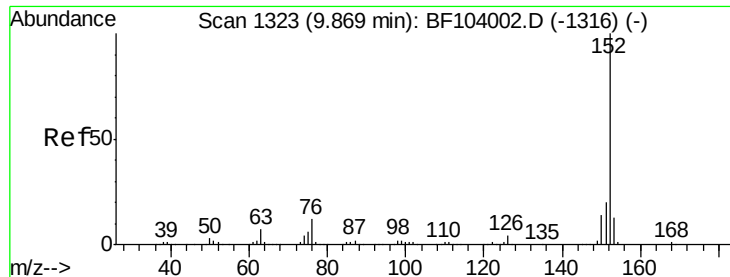
#45
 1,1'-Biphenyl
 Concen: 8.163 ng
 RT: 9.41 min Scan# 1245
 Delta R.T. -0.01 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Tgt Ion:154 Resp: 157084
 Ion Ratio Lower Upper
 154 100
 153 40.8 21.3 61.3
 76 14.3 0.0 34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1





#48

Acenaphthylene

Concen: 23.613 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

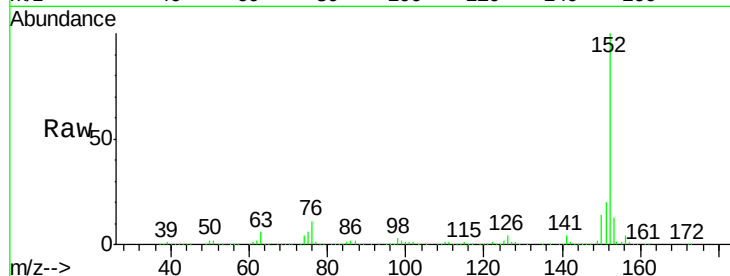
Tot Ion:152 Resp: 543011

Ion Ratio Lower Upper

152 100

151 20.4 16.3 24.5

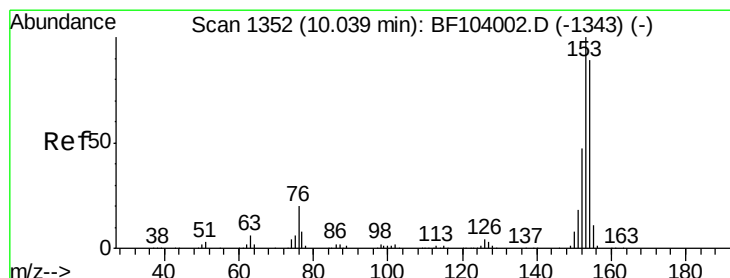
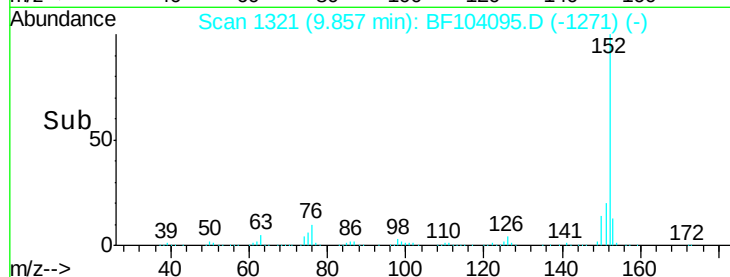
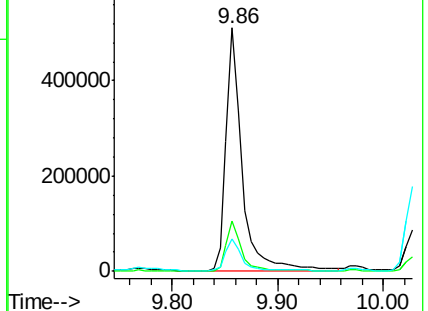
153 13.4 10.7 16.1



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#51

Acenaphthene

Concen: 11.176 ng

RT: 10.03 min Scan# 1350

Delta R.T. -0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

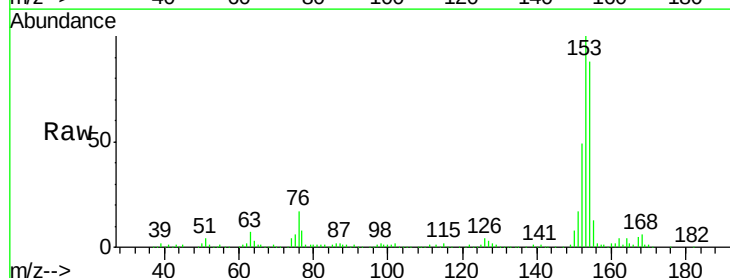
Tgt Ion:154 Resp: 148682

Ion Ratio Lower Upper

154 100

153 114.0 91.2 136.8

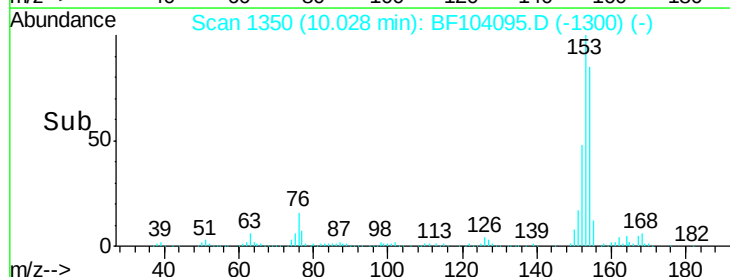
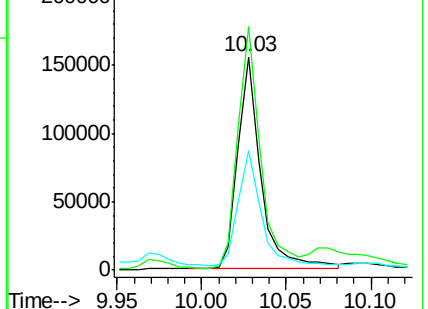
152 55.8 43.8 65.8

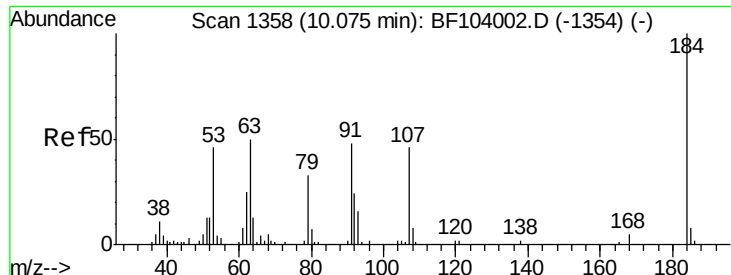


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

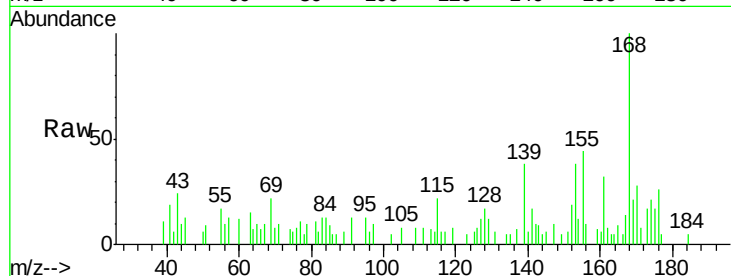




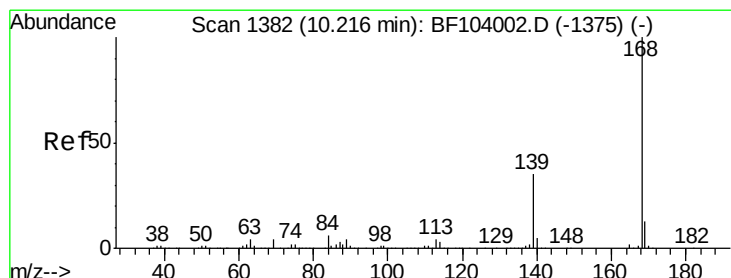
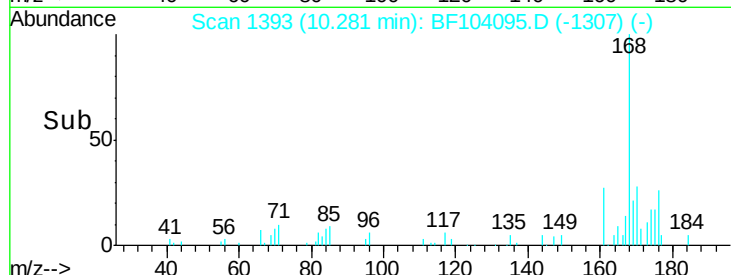
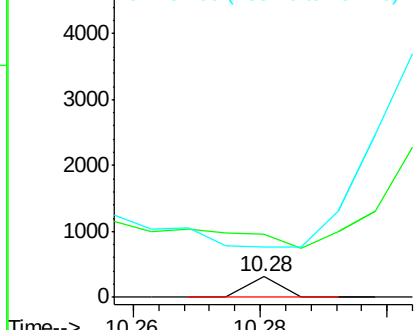
#53
 2,4-Dinitrophenol
 Concen: 5.633 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.21 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 109
 Ion Ratio Lower Upper
 184 100
 63 308.1 54.2 81.2#
 154 247.7 184.0 276.0

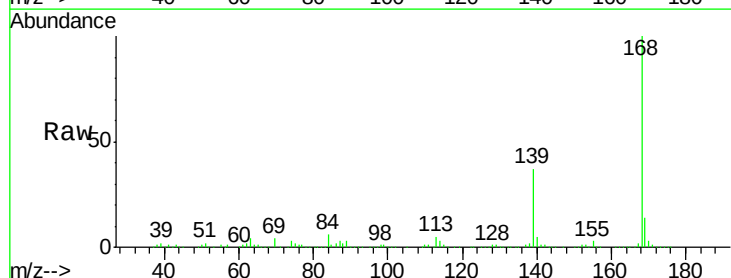


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

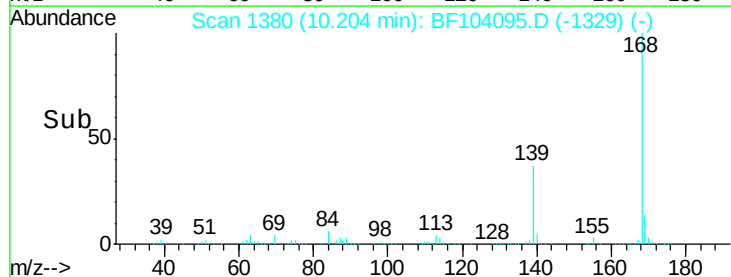
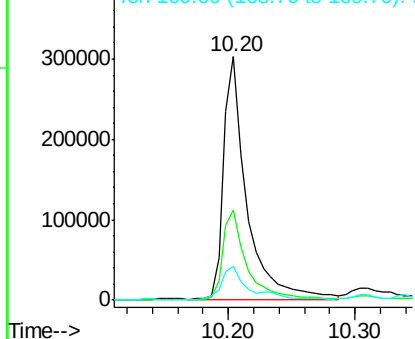


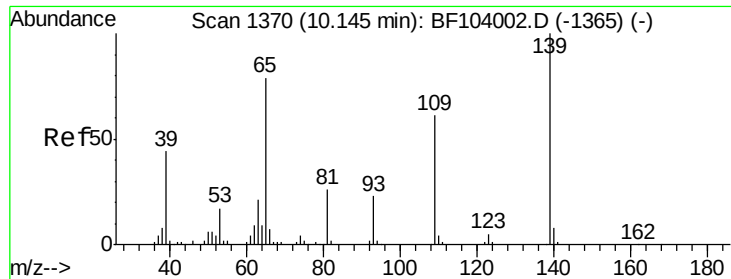
#54
 Dibenzofuran
 Concen: 19.578 ng
 RT: 10.20 min Scan# 1380
 Delta R.T. 0.00 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Tgt Ion:168 Resp: 380333
 Ion Ratio Lower Upper
 168 100
 139 36.8 30.1 45.1
 169 13.8 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

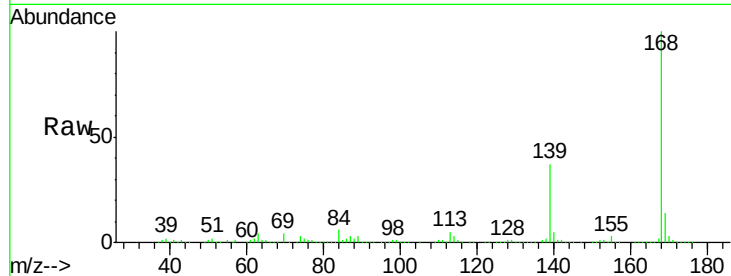




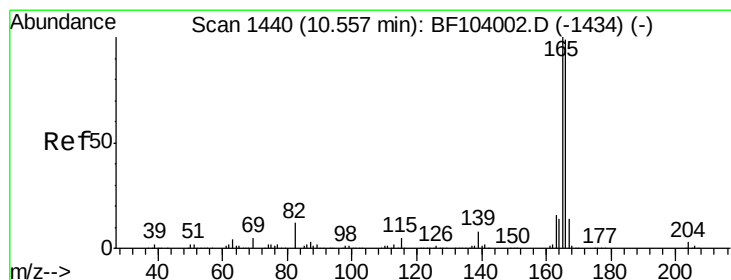
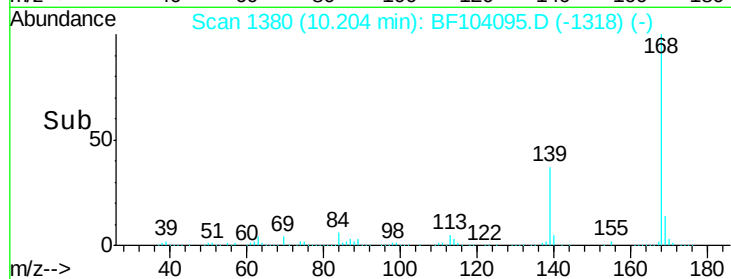
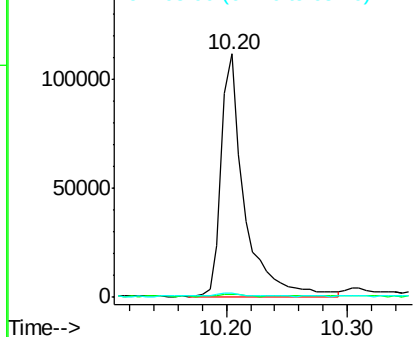
#55
4-Nitrophenol
Concen: 56.253 ng
RT: 10.20 min Scan# 1380
Delta R.T. 0.06 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
139	100		
109	1.2	48.4	88.4#
65	1.5	72.6	112.6#

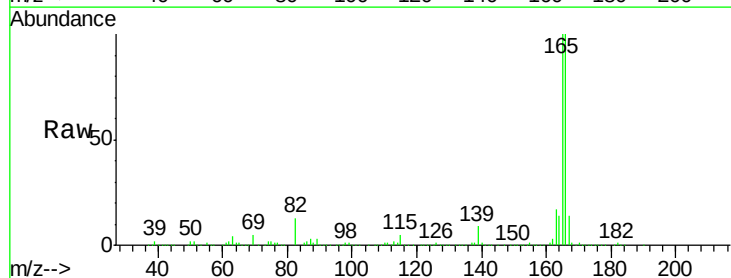


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

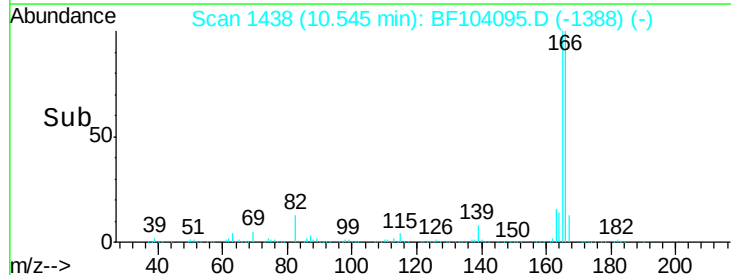
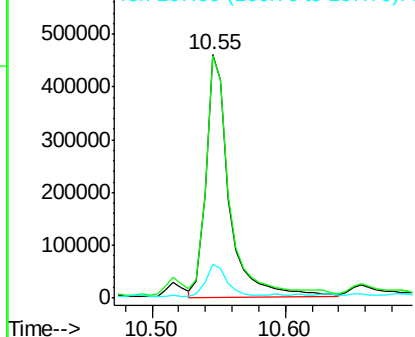


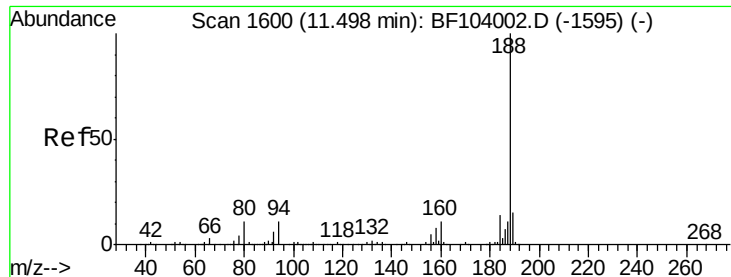
#57
Fluorene
Concen: 34.598 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.8	119.8
167	13.8	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

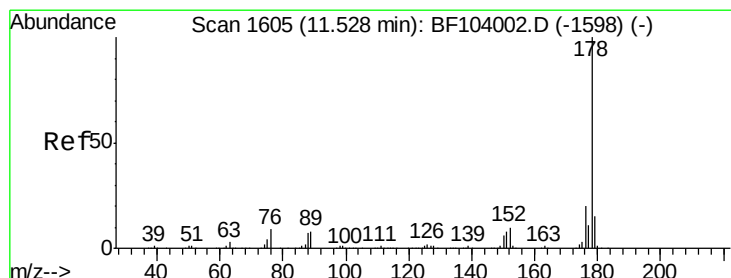
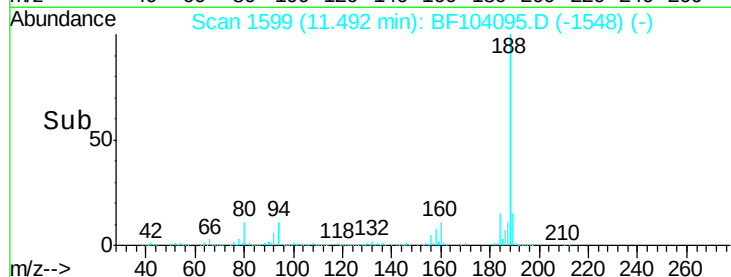
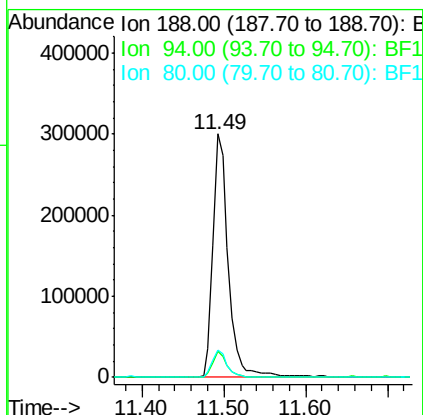
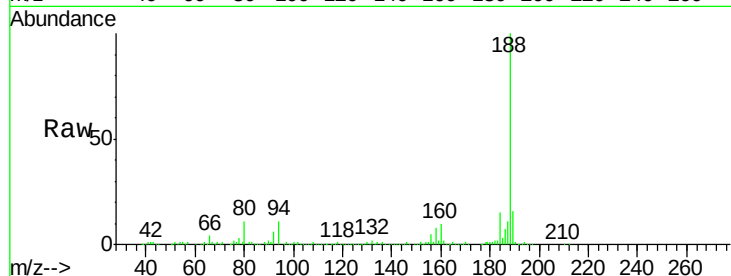




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

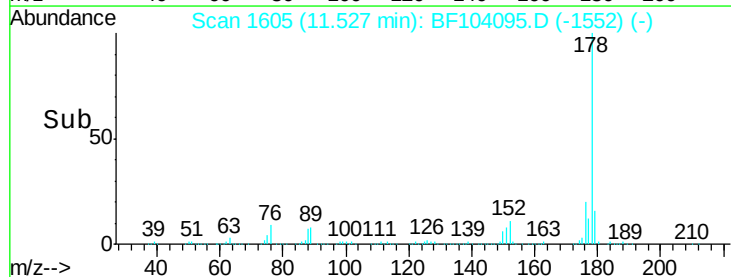
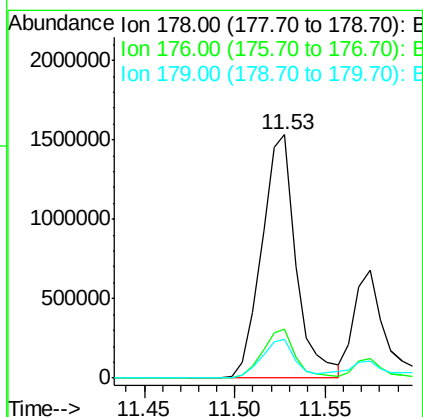
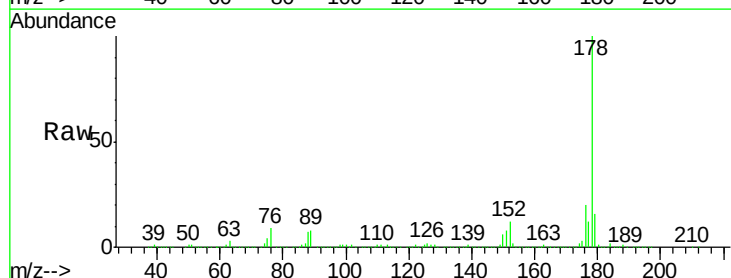
Instrument :
BNA_F
ClientSampleId :

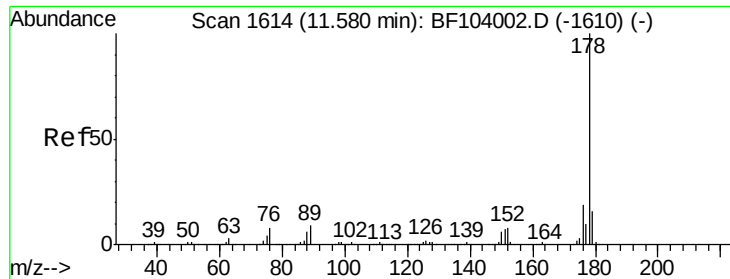
Tot Ion:188 Resp: 394729
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.2 9.2 13.8



#70
Phenanthrene
Concen: 94.437 ng
RT: 11.53 min Scan# 1605
Delta R.T. 0.01 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion:178 Resp: 2018219
Ion Ratio Lower Upper
178 100
176 20.0 15.8 23.8
179 15.8 13.0 19.6

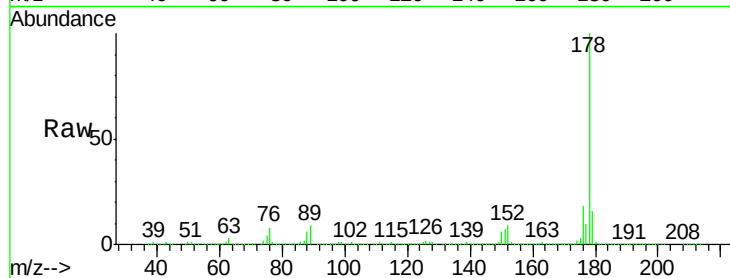




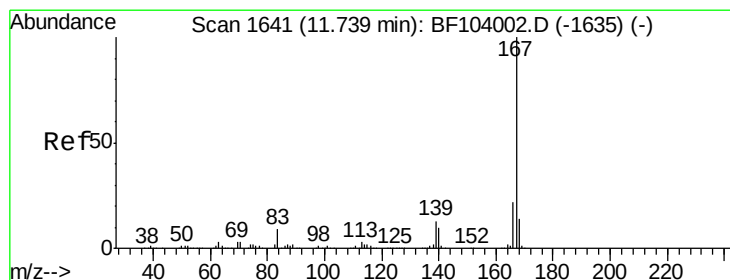
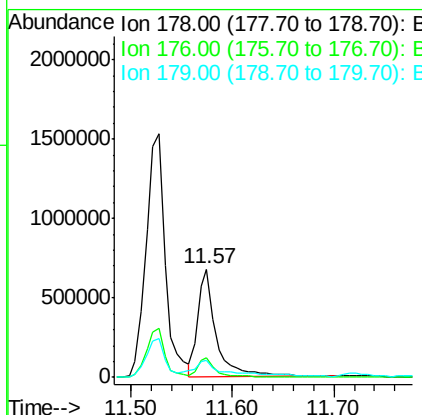
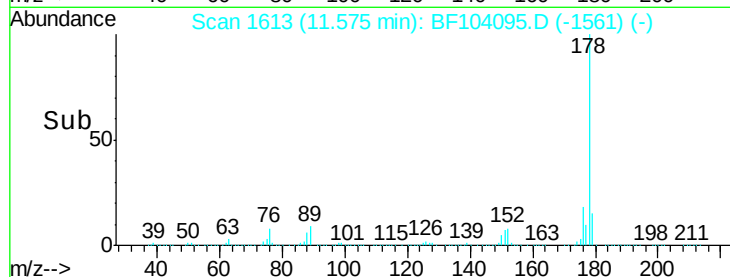
#71
 Anthracene
 Concen: 38.379 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 856724
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.4 23.2
 179 15.9 12.6 19.0

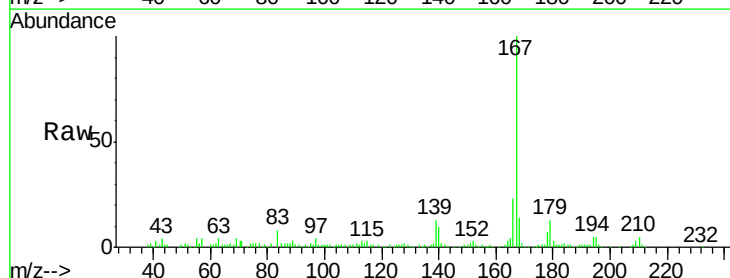


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

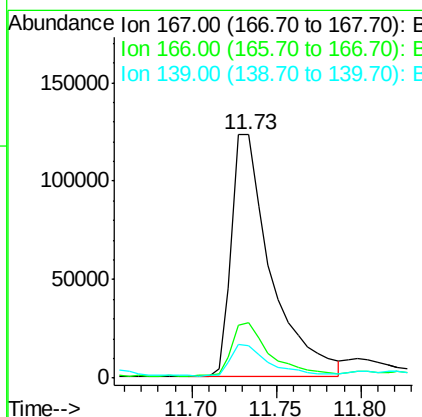
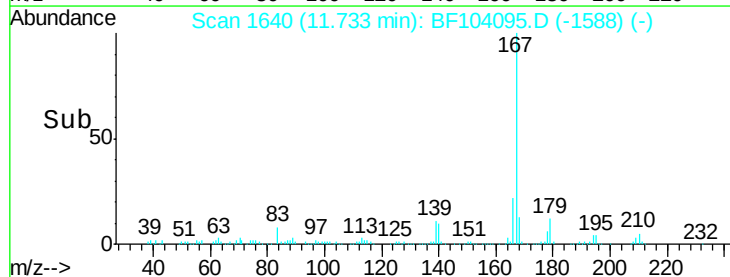


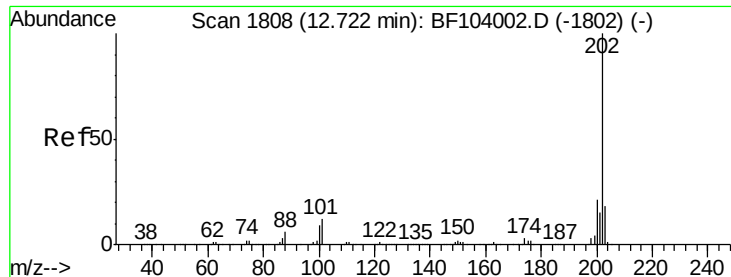
#72
 Carbazole
 Concen: 9.434 ng
 RT: 11.73 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Tgt Ion:167 Resp: 201004
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.6 26.4
 139 13.3 10.9 16.3



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 66.710 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

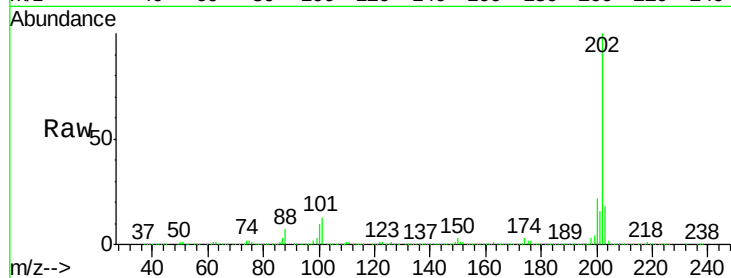
Tot Ion:202 Resp: 1515401

Ion Ratio Lower Upper

202 100

101 12.9 0.0 34.1

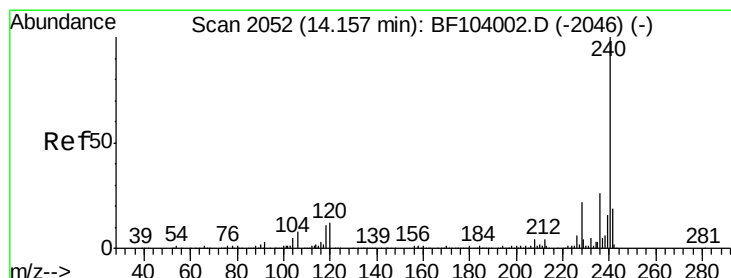
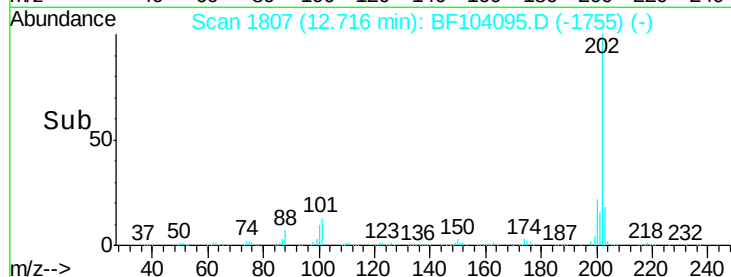
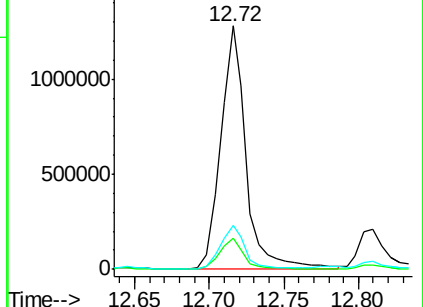
203 18.0 0.0 38.1



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: 14.15 min Scan# 2051

Delta R.T. 0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

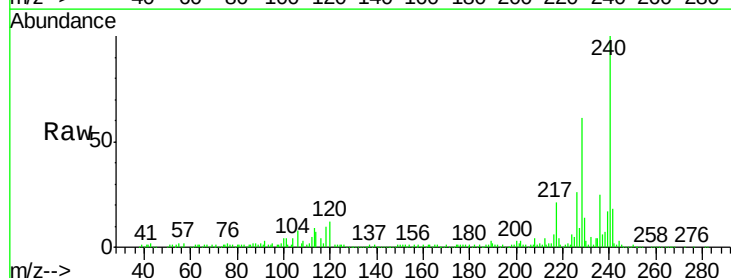
Tgt Ion:240 Resp: 283893

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

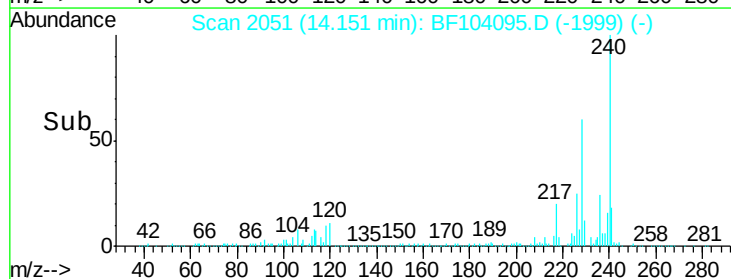
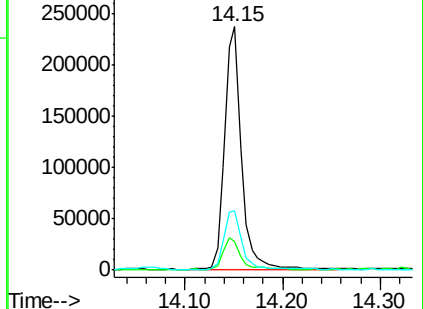
236 24.6 20.7 31.1

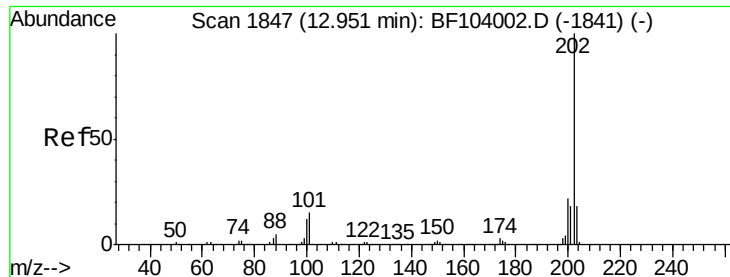


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 70.350 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

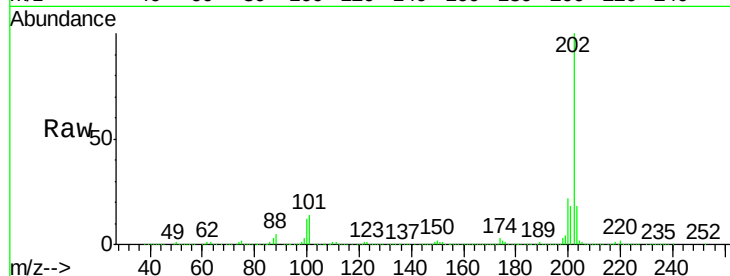
Tot Ion:202 Resp: 1435692

Ion Ratio Lower Upper

202 100

200 21.7 17.4 26.2

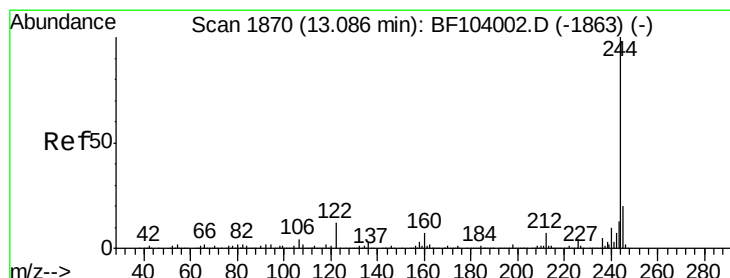
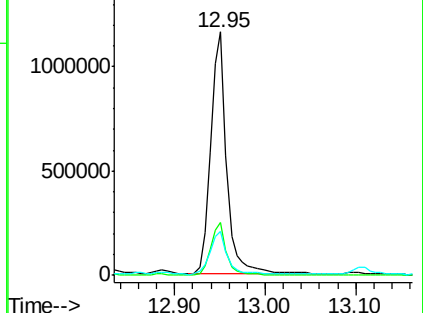
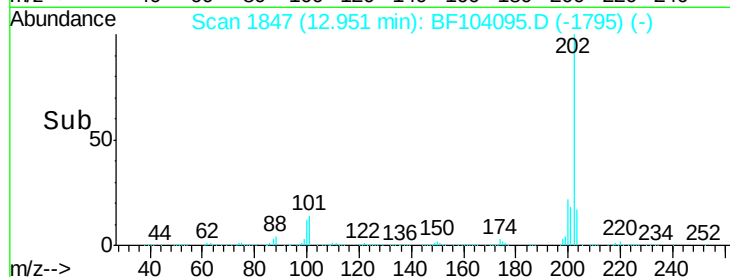
203 18.1 14.3 21.5



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: 2.029 ng

RT: 13.07 min Scan# 1868

Delta R.T. 0.00 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

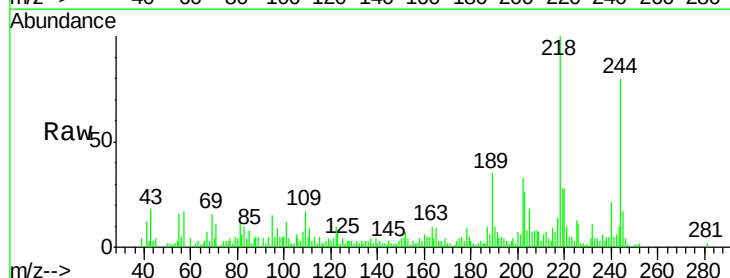
Tgt Ion:244 Resp: 24948

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

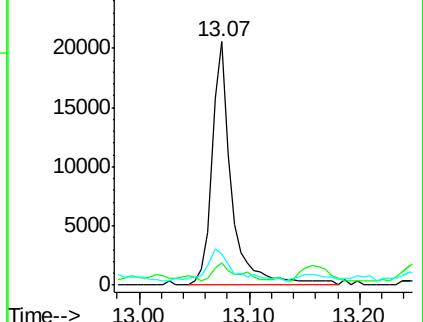
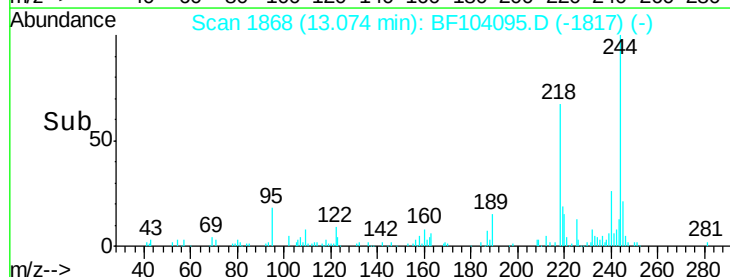
122 12.6 11.0 16.4

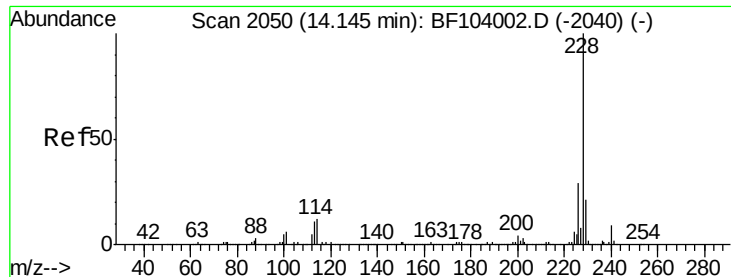


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 28.004 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.04 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

Instrument :

BNA_F

ClientSampleId :

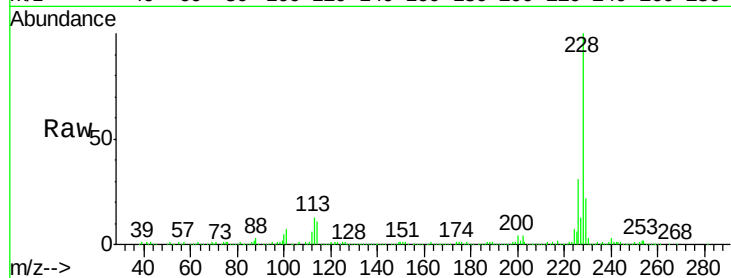
Tot Ion:228 Resp: 497457

Ion Ratio Lower Upper

228 100

226 31.4 22.6 33.8

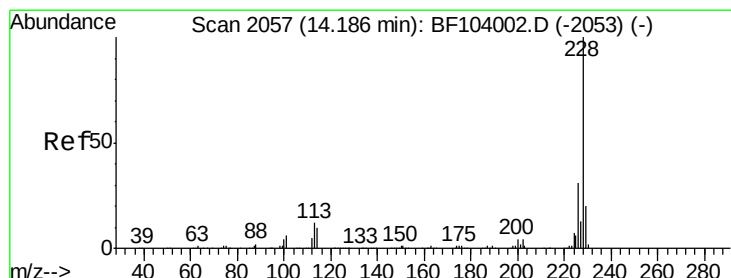
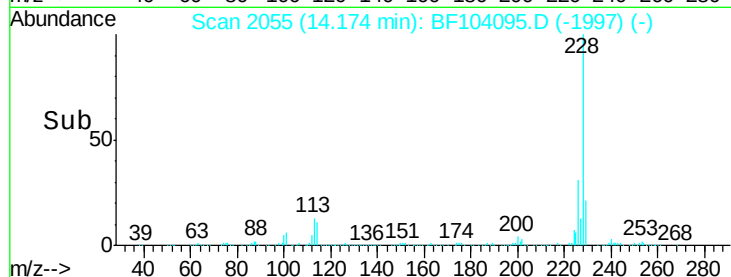
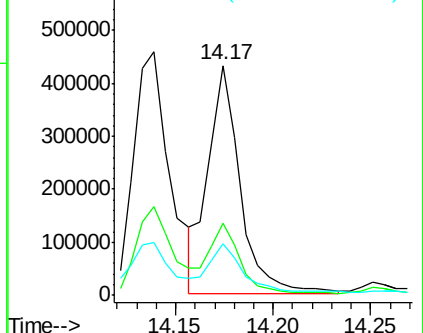
229 22.2 15.8 23.6



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



#82

Chrysene

Concen: 28.592 ng

RT: 14.17 min Scan# 2055

Delta R.T. 0.00 min

Lab File: BF104095.D

Acq: 30 Mar 2018 16:27

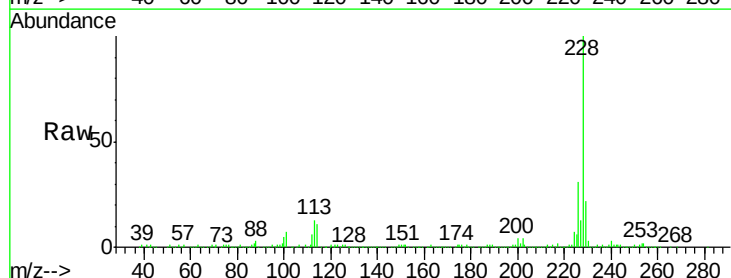
Tgt Ion:228 Resp: 497457

Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.6

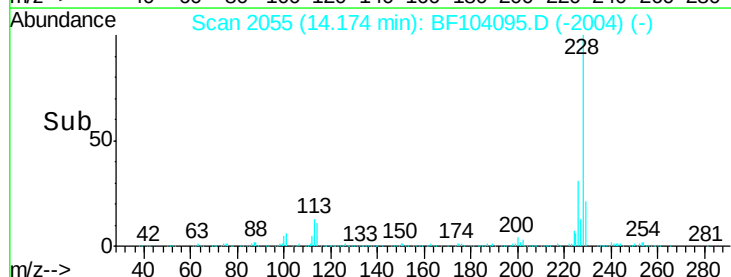
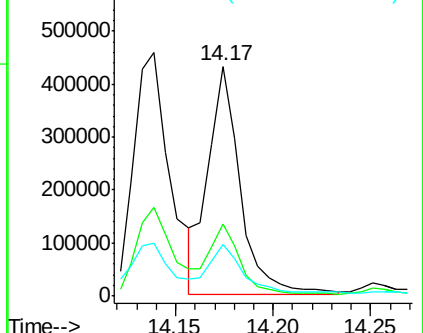
229 22.2 16.2 24.4

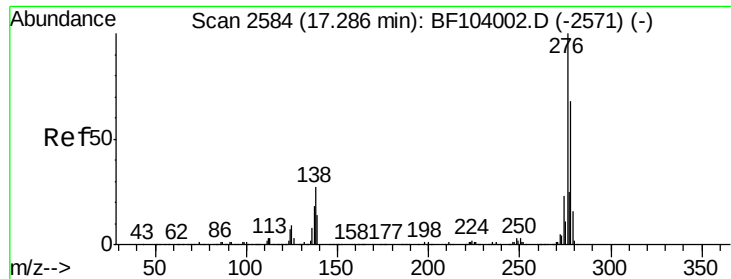


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

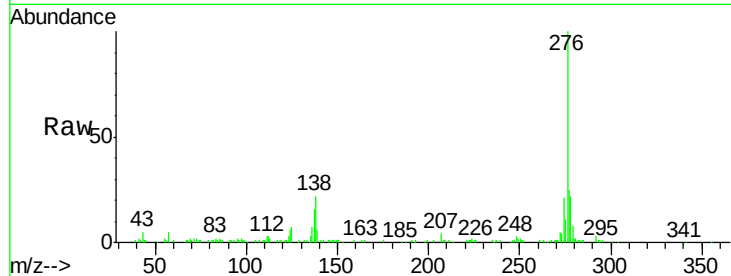




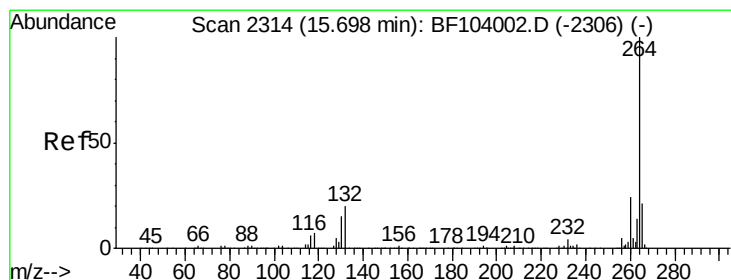
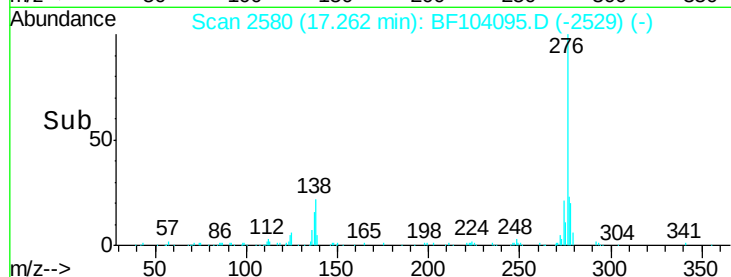
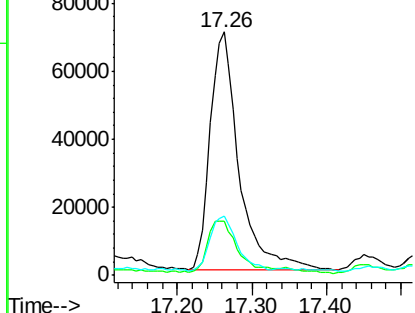
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 10.421 ng
 RT: 17.26 min Scan# 2580
 Delta R.T. 0.00 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	25.0	37.6#
277	21.4	20.1	30.1

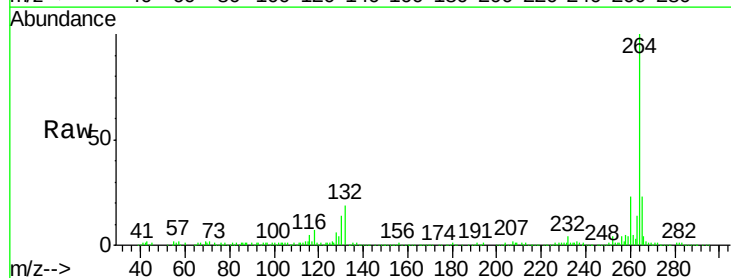


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

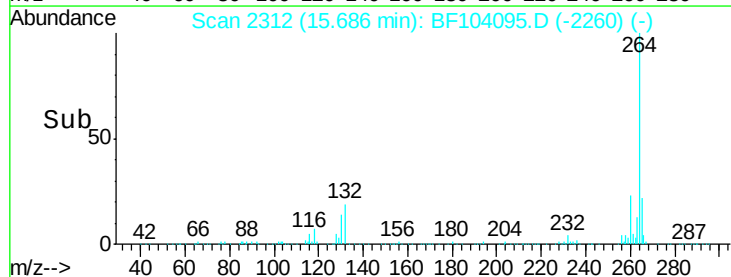
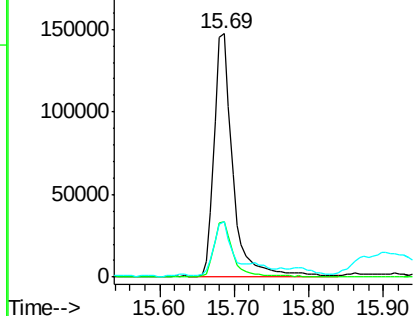


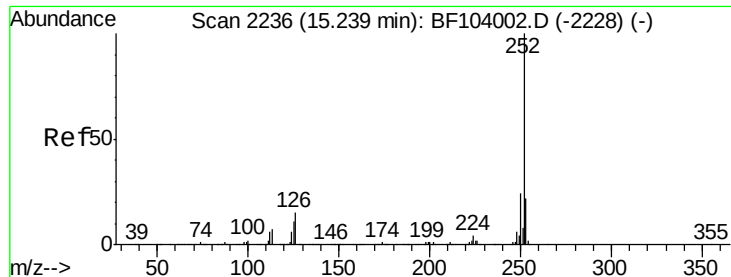
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. 0.01 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	22.7	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

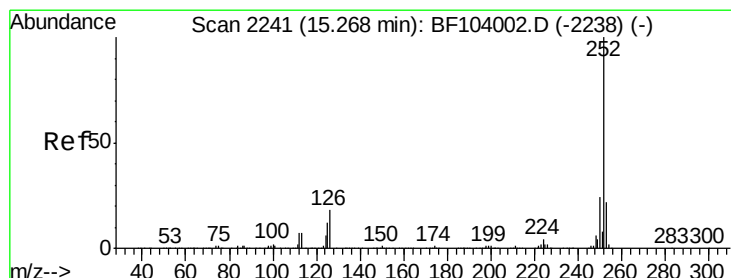
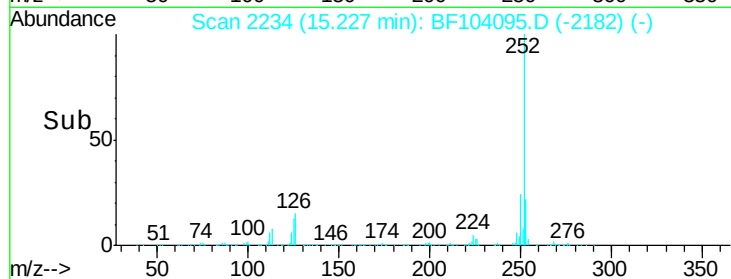
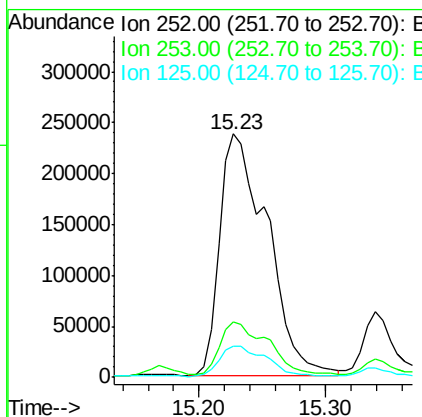
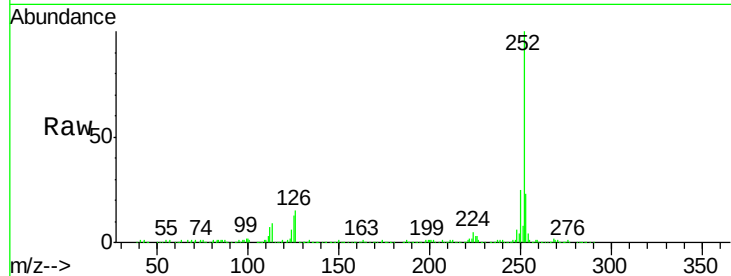




#87
Benzo(b)fluoranthene
Concen: 40.286 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.01 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

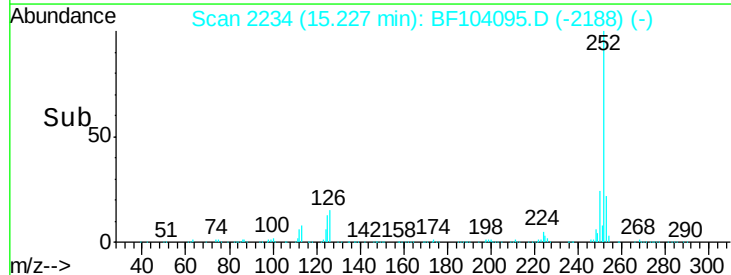
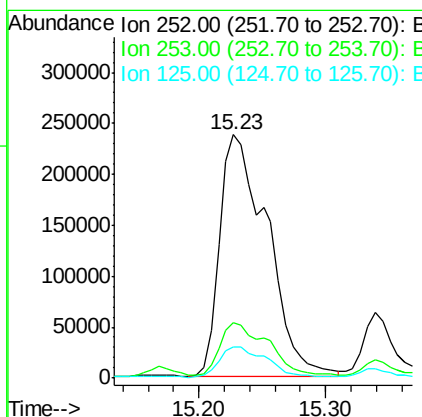
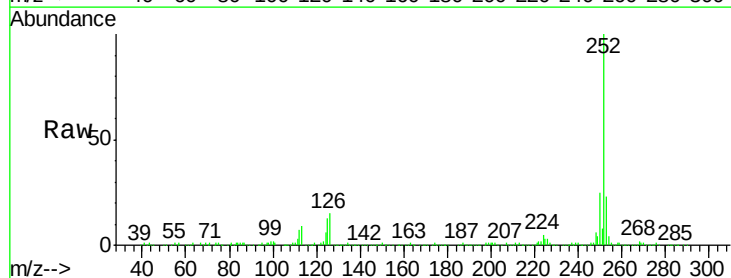
Instrument :
BNA_F
ClientSampleId :

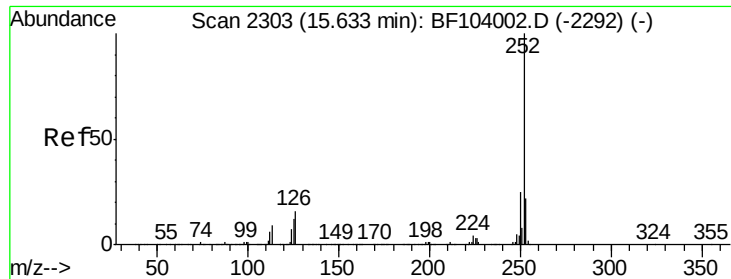
Tot Ion:252 Resp: 622253
Ion Ratio Lower Upper
252 100
253 22.7 17.0 25.6
125 13.0 9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 42.766 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.03 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion:252 Resp: 622253
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 13.0 10.2 15.2

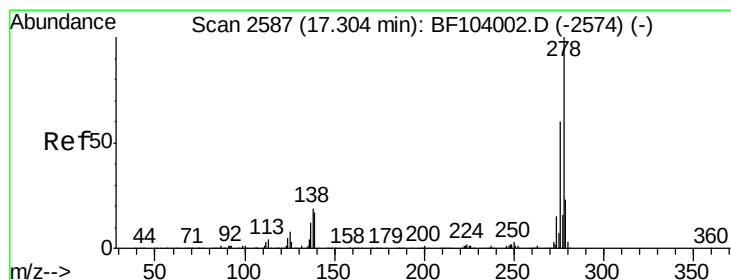
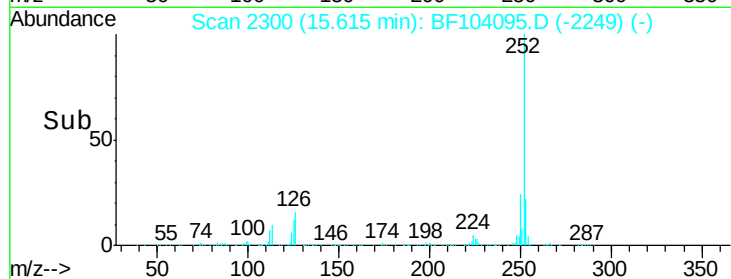
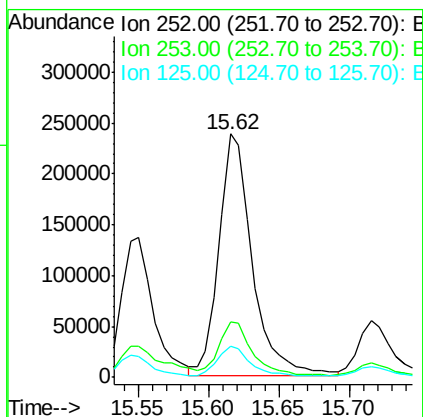
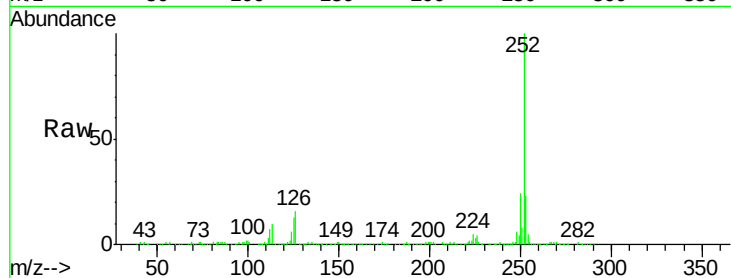




#89
Benzo(a)pyrene
Concen: 27.511 ng
RT: 15.62 min Scan# 2300
Delta R.T. 0.00 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

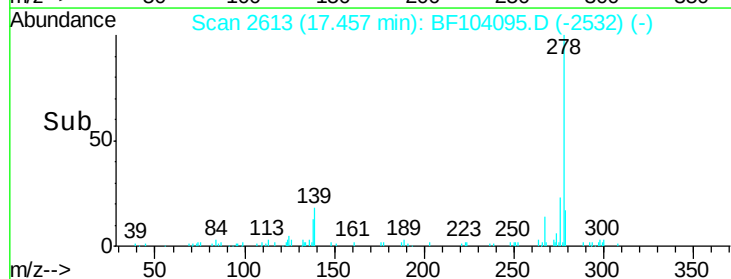
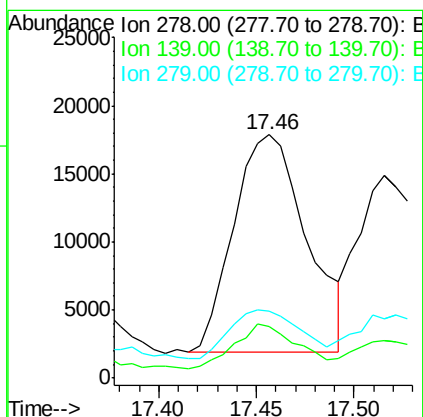
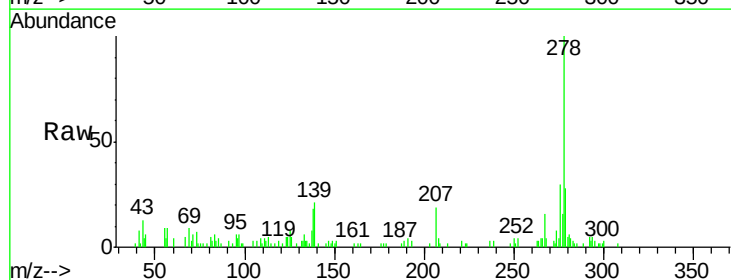
Instrument :
BNA_F
ClientSampleId :

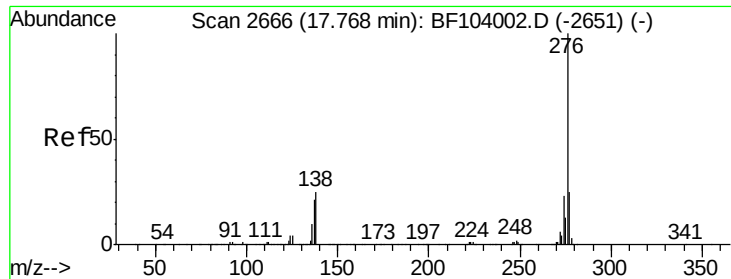
Tot Ion:252 Resp: 393784
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 12.8 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 3.111 ng
RT: 17.46 min Scan# 2613
Delta R.T. 0.18 min
Lab File: BF104095.D
Acq: 30 Mar 2018 16:27

Tgt Ion:278 Resp: 41167
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 27.6 19.0 28.4





#91
 Benzo(a,h,i)perylene
 Concen: 13.316 ng
 RT: 17.74 min Scan# 2661
 Delta R.T. -0.01 min
 Lab File: BF104095.D
 Acq: 30 Mar 2018 16:27

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.0	17.9	26.9
138	23.4	21.8	32.8

