

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021418\
 Data File : BF103005.D
 Acq On : 14 Feb 2018 23:18
 Operator : SJ/JU
 Sample : J1537-02RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 15 02:10:32 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 00:38:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	164816	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	682716	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	273359	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	399823	20.00	ng	0.00
75) Chrysene-d12	14.05	240	280758	20.00	ng	0.01
86) Perylene-d12	15.53	264	232181	20.00	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1130476	104.17	ng	0.01
7) Phenol-d6	6.51	99	1342097	102.71	ng	0.01
23) Nitrobenzene-d5	7.44	82	821486	83.47	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	211505	96.13	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1248793	75.80	ng	0.00
78) Terphenyl-d14	12.99	244	871780	73.52	ng	0.00

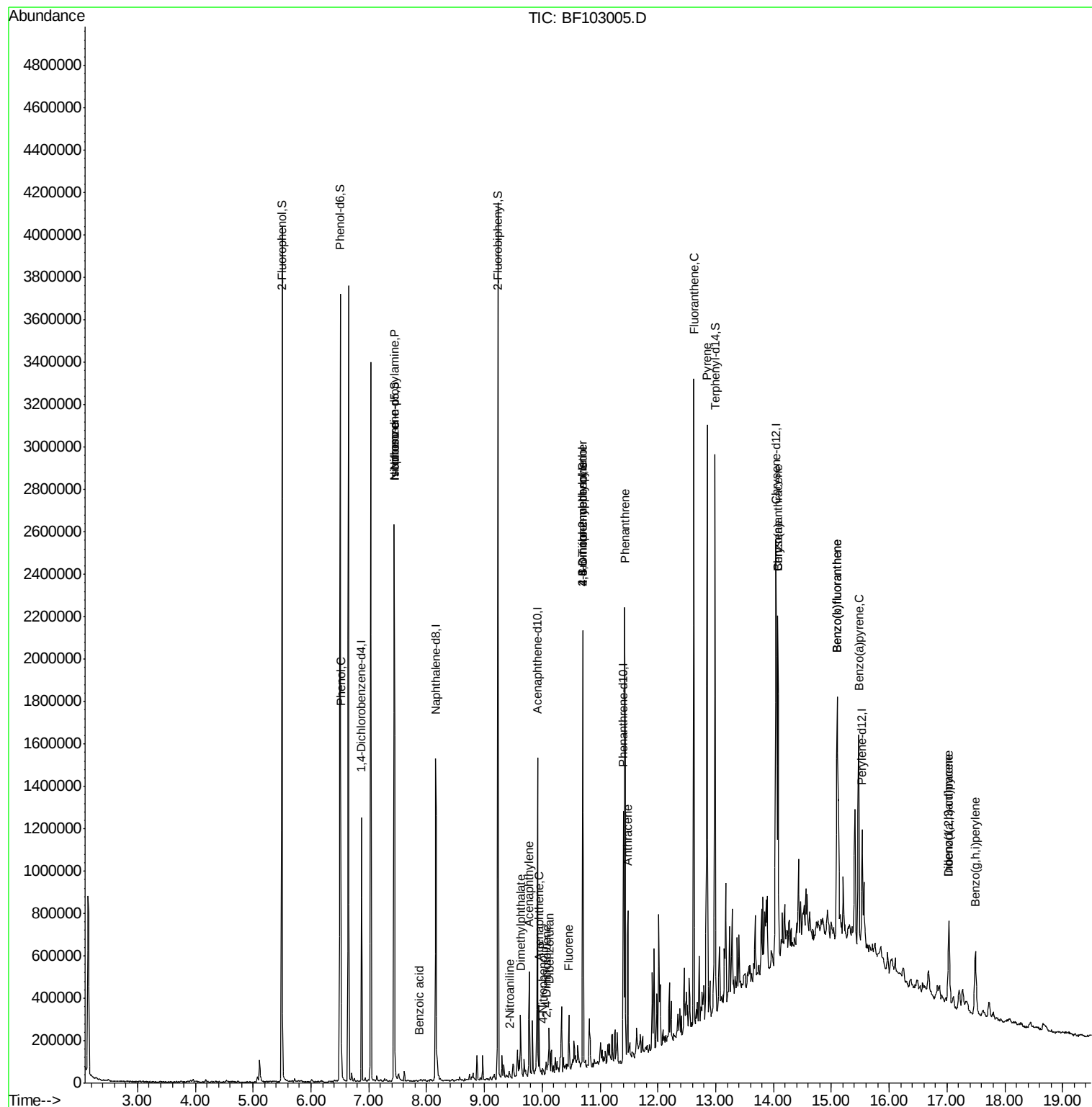
Target Compounds				Qvalue		
10) Phenol	6.52	94	35679	2.55	ng	94
19) n-Nitroso-di-n-propylamine	7.44	70	110420	12.82	ng	# 80
25) Isophorone	7.44	82	821478	36.25	ng	# 64
32) Benzoic acid	7.88	122	110	8.56	ng	# 19
47) 2-Nitroaniline	9.44	65	744	3.60	ng	# 2
48) Acenaphthylene	9.77	152	181659	6.45	ng	99
49) Dimethylphthalate	9.62	163	82983	3.89	ng	100
51) Acenaphthene	9.95	154	54392	3.23	ng	95
54) Dibenzofuran	10.12	168	60686	2.56	ng	# 94
55) 4-Nitrophenol	10.02	139	1161	4.29	ng	# 44
56) 2,4-Dinitrotoluene	10.07	165	2360	3.48	ng	# 39
57) Fluorene	10.46	166	70826	4.10	ng	98
64) 4,6-Dinitro-2-methylphenol	10.70	198	455	9.05	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	14088	3.33	ng	# 1
70) Phenanthrene	11.43	178	739473	33.21	ng	99
71) Anthracene	11.48	178	253606	11.20	ng	99
74) Fluoranthene	12.63	202	1345682	60.07	ng	98
77) Pyrene	12.86	202	1281979	58.23	ng	99
80) Benzo(a)anthracene	14.07	228	617389	34.97	ng	95
82) Chrysene	14.07	228	617389	34.69	ng	99
85) Indeno(1,2,3-cd)pyrene	17.03	276	271856	18.42	ng	96
87) Benzo(b)fluoranthene	15.10	252	976902	64.90	ng	# 95
88) Benzo(k)fluoranthene	15.10	252	976902	67.92	ng	98
89) Benzo(a)pyrene	15.47	252	484569	35.76	ng	96
90) Dibenzo(a,h)anthracene	17.04	278	68669	6.24	ng	# 88
91) Benzo(g,h,i)perylene	17.50	276	249260	23.16	ng	99

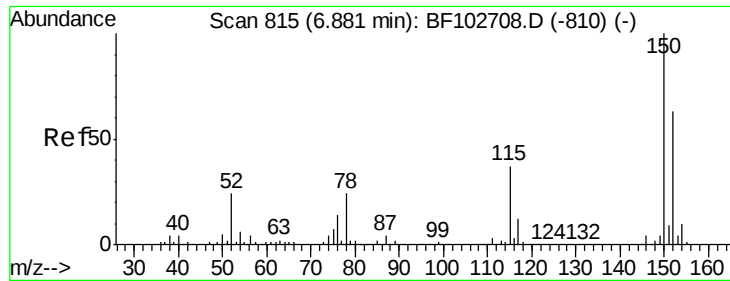
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Feb 05 00:38:27 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

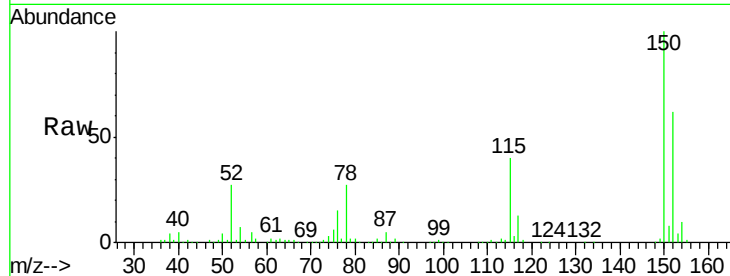
Tot Ion:152 Resp: 164816

Ion Ratio Lower Upper

152 100

150 162.5 124.6 186.8

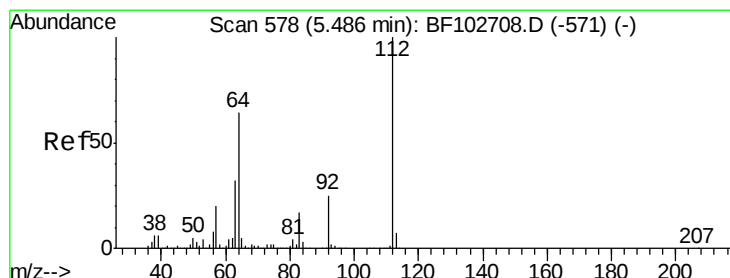
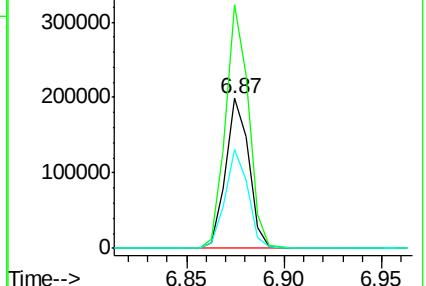
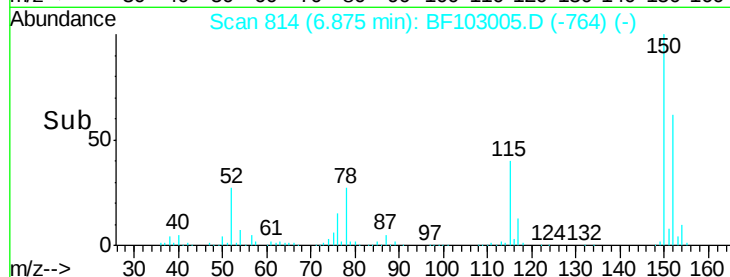
115 65.7 50.1 75.1



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: 104.17 ng

RT: 5.50 min Scan# 580

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

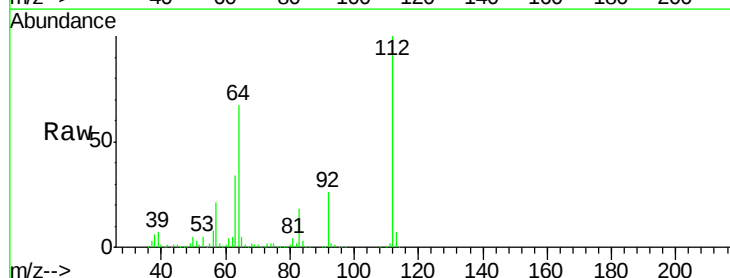
Tgt Ion:112 Resp: 1130476

Ion Ratio Lower Upper

112 100

64 66.9 47.9 71.9

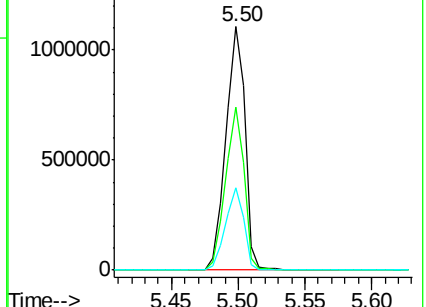
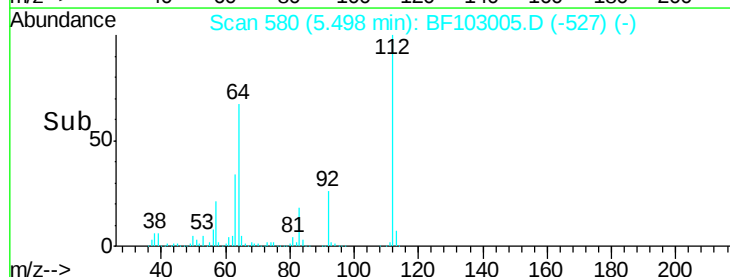
63 33.9 23.7 35.5

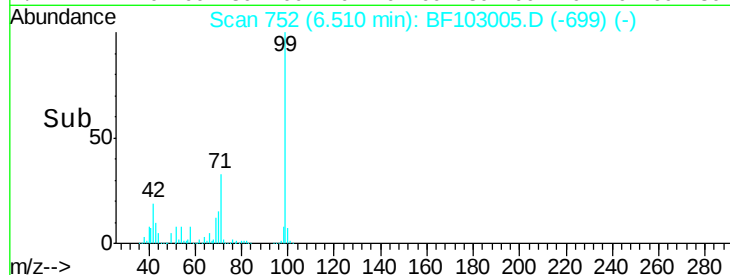
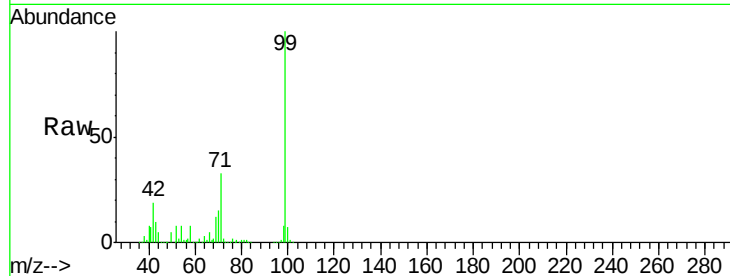
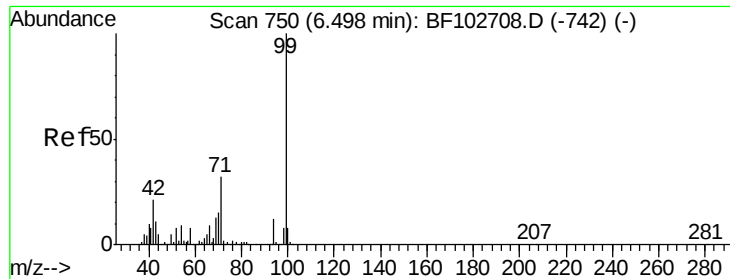


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 102.71 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

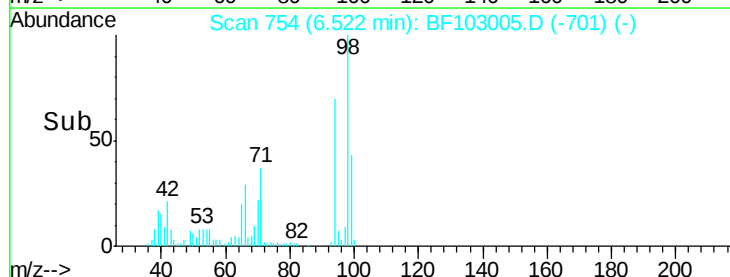
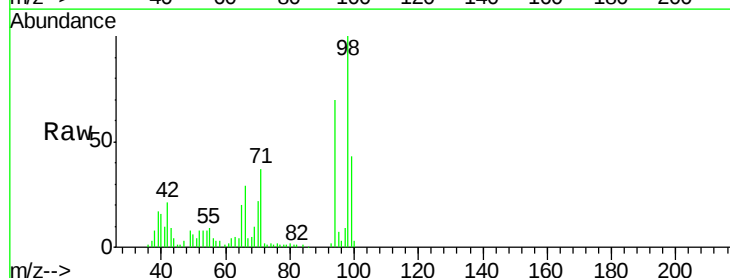
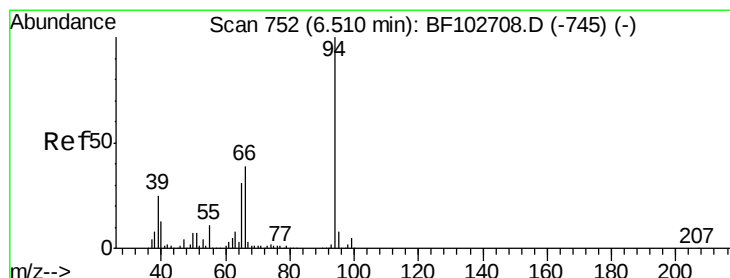
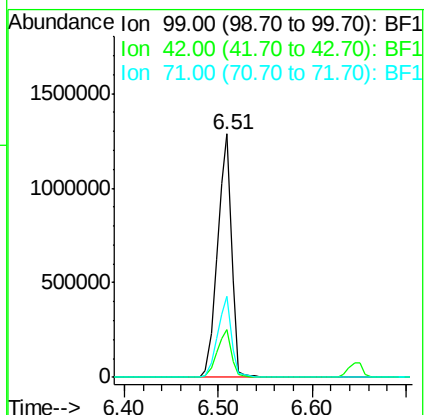
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1342097

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	33.4	25.4	38.0



#10

Phenol

Concen: 2.55 ng

RT: 6.52 min Scan# 754

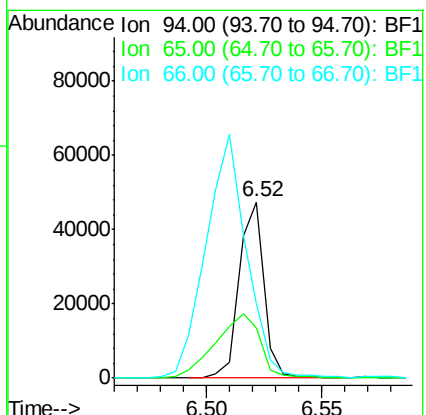
Delta R.T. 0.01 min

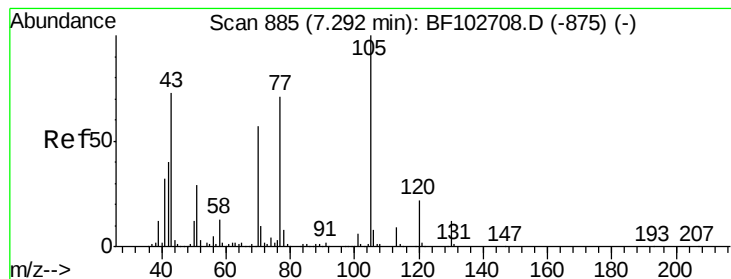
Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Tgt Ion: 94 Resp: 35679

Ion	Ratio	Lower	Upper
94	100		
65	28.4	7.9	47.9
66	42.1	16.2	56.2





#19

n-Nitroso-di-n-propylamine

Concen: 12.82 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.15 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 110420

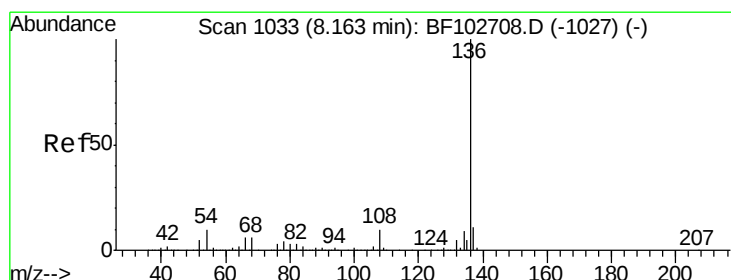
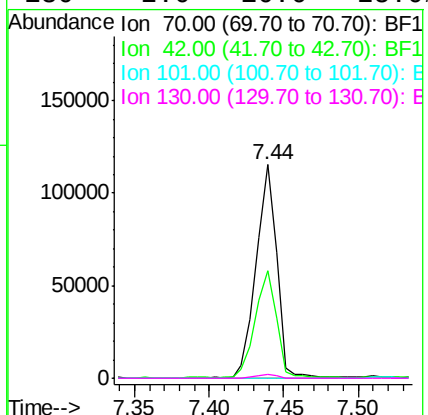
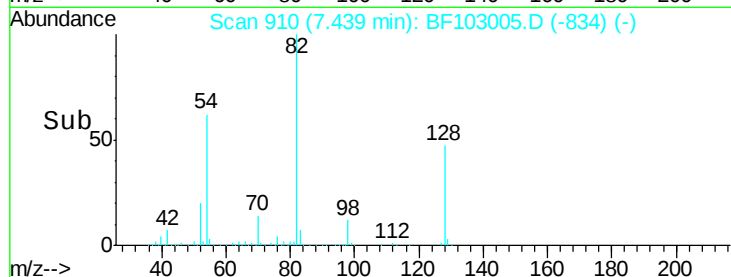
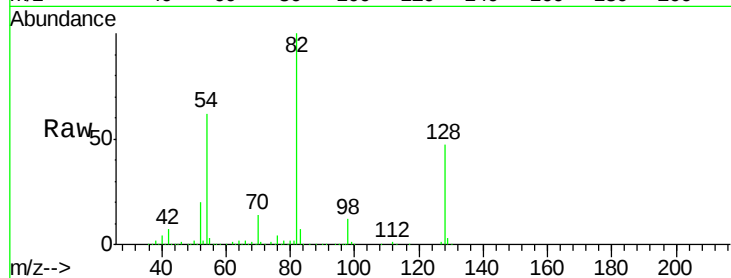
Ion Ratio Lower Upper

70 100

42 50.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Tgt Ion: 136 Resp: 682716

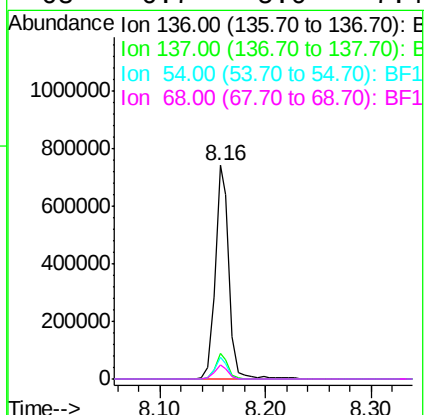
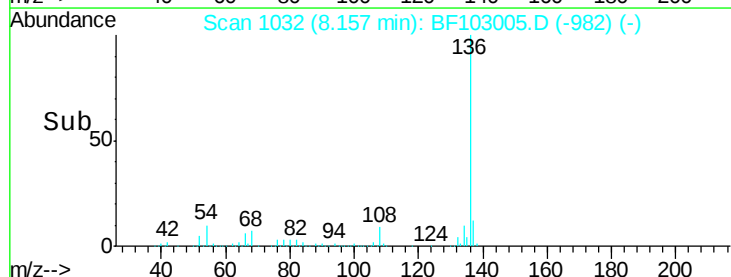
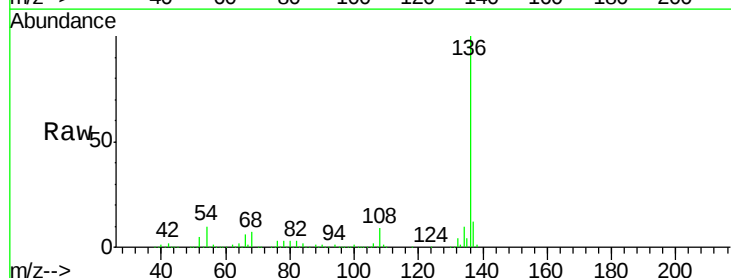
Ion Ratio Lower Upper

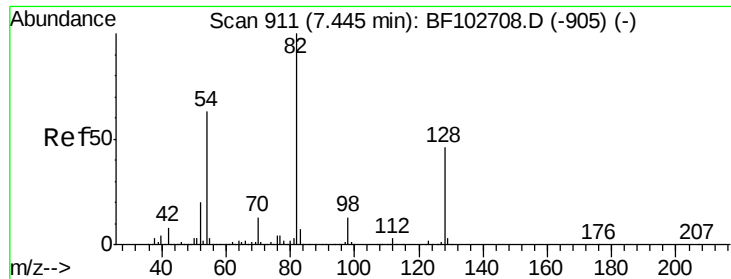
136 100

137 11.8 8.9 13.3

54 10.5 6.6 9.8#

68 6.7 5.0 7.4

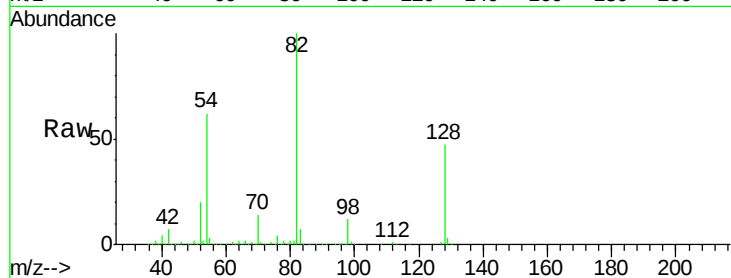




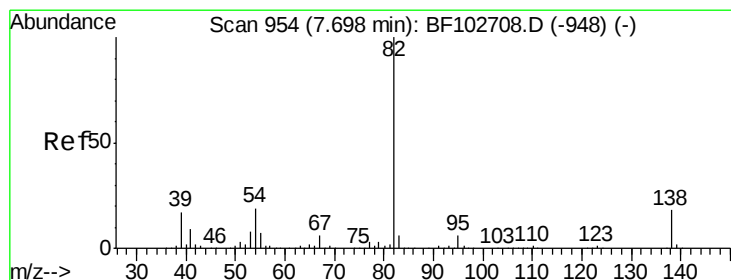
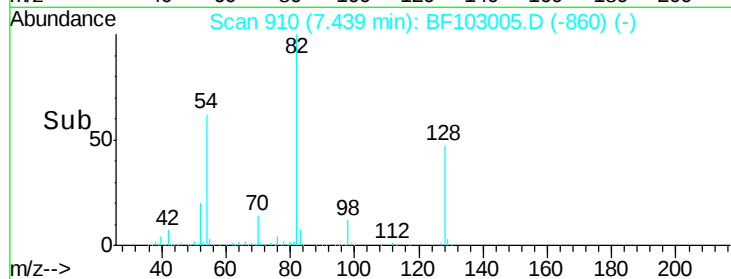
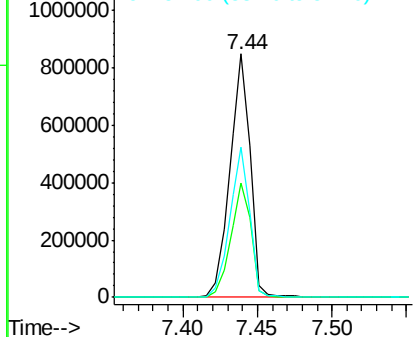
#23
Nitrobenzene-d5
Concen: 83.47 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 821486
Ion Ratio Lower Upper
82 100
128 47.0 36.1 54.1
54 61.6 41.4 62.2

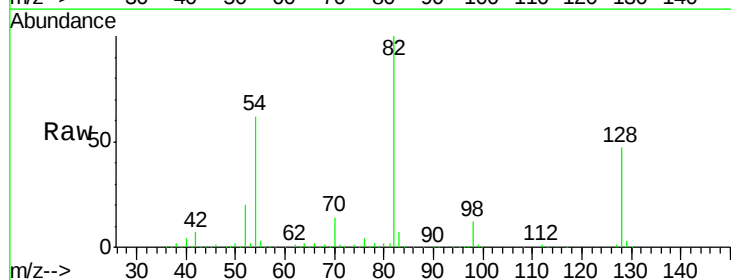


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

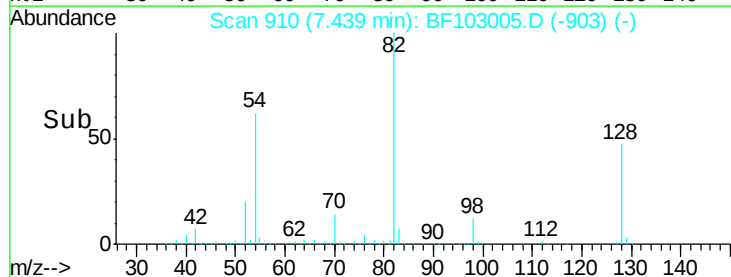
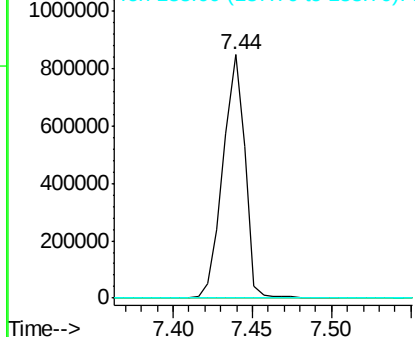


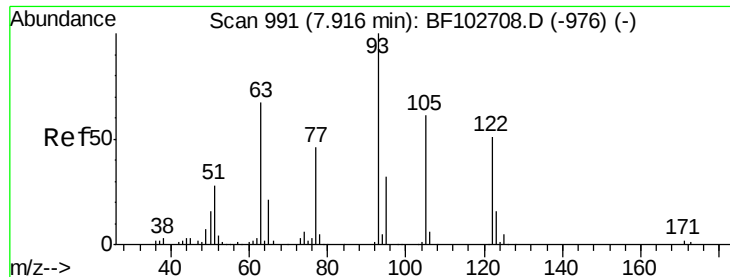
#25
Isophorone
Concen: 36.25 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.26 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion: 82 Resp: 821478
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





#32

Benzoic acid

Concen: 8.56 ng

RT: 7.88 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

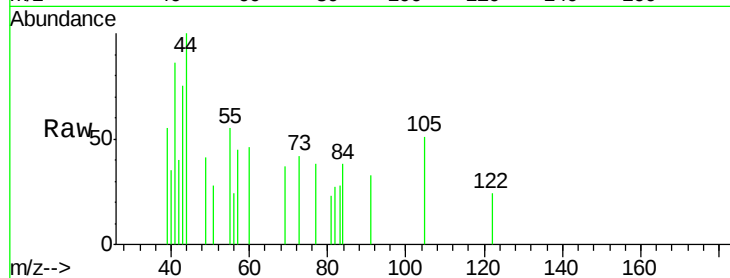
Tot Ion:122 Resp: 110

Ion Ratio Lower Upper

122 100

105 216.7 101.1 141.1#

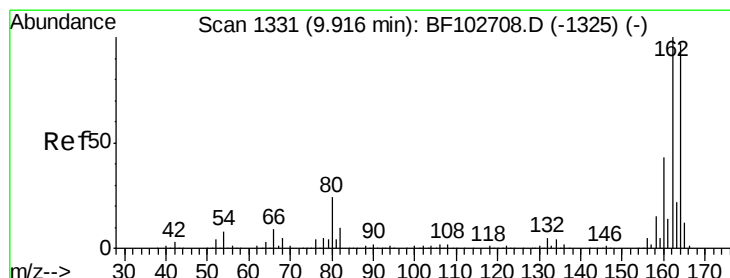
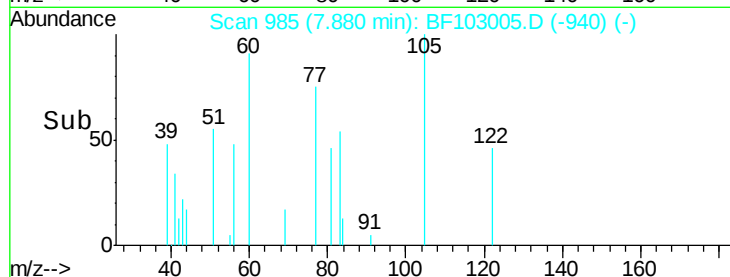
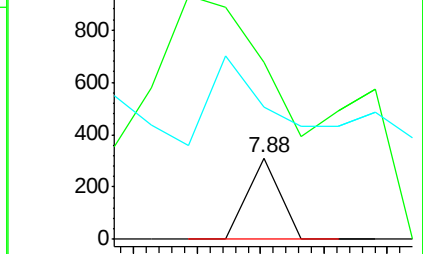
77 162.4 70.7 110.7#



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: 20.00 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

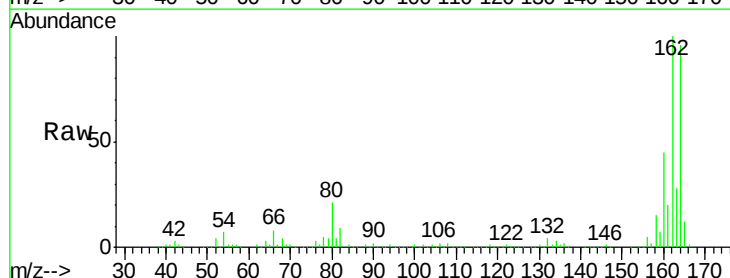
Tgt Ion:164 Resp: 273359

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

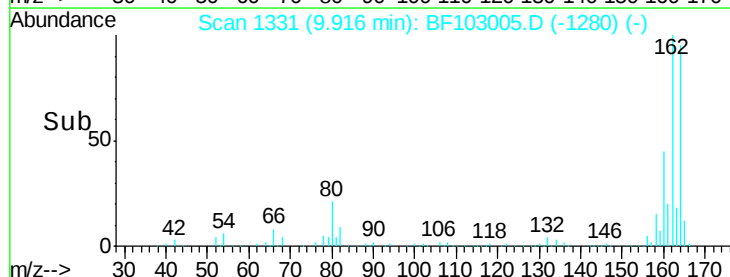
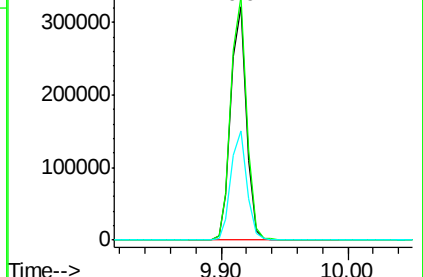
160 46.6 38.3 57.5

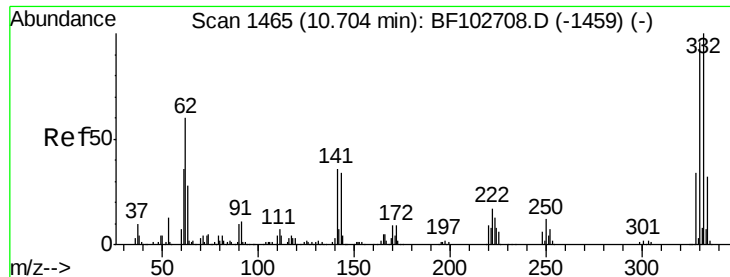


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

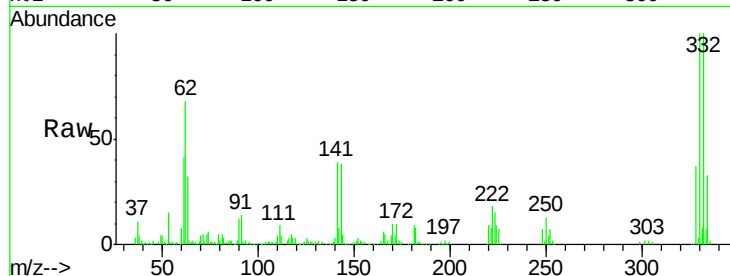




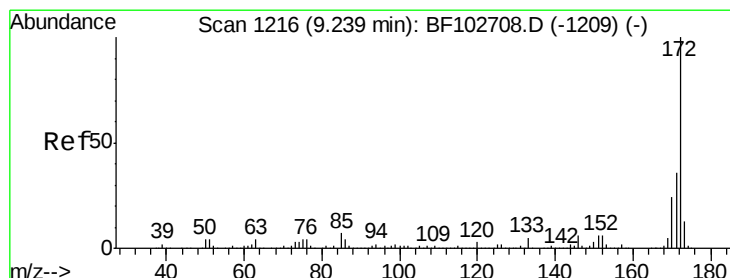
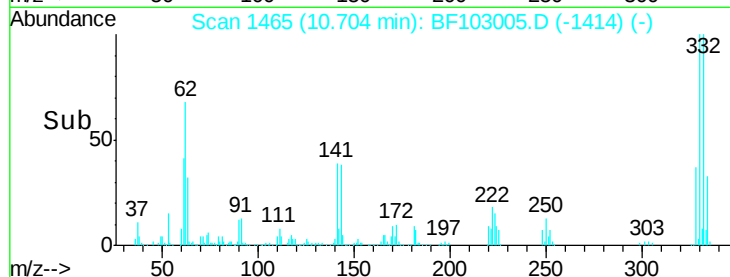
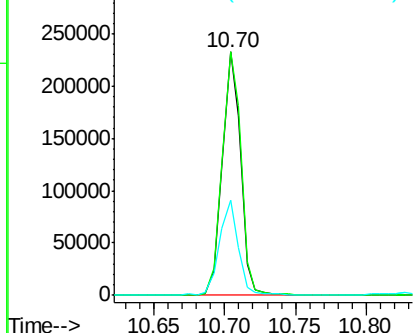
#41
 2,4,6-Tribromophenol
 Concen: 96.13 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. 0.00 min
 Lab File: BF103005.D
 Acq: 14 Feb 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	102.8	77.0	115.6
141	39.5	29.9	44.9

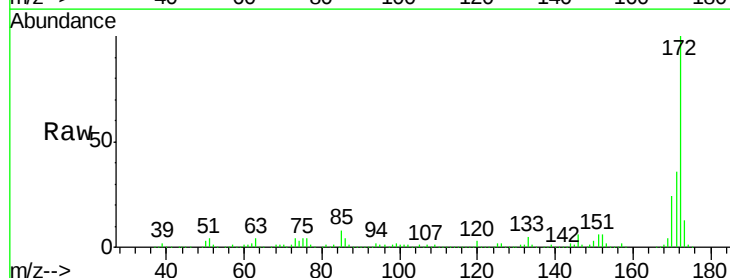


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

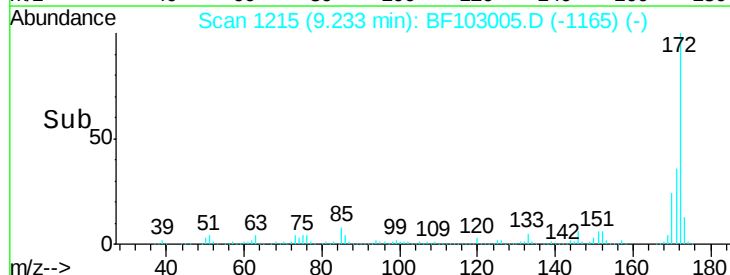
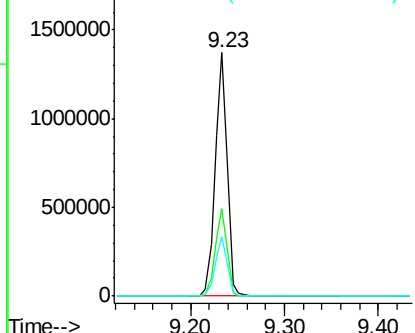


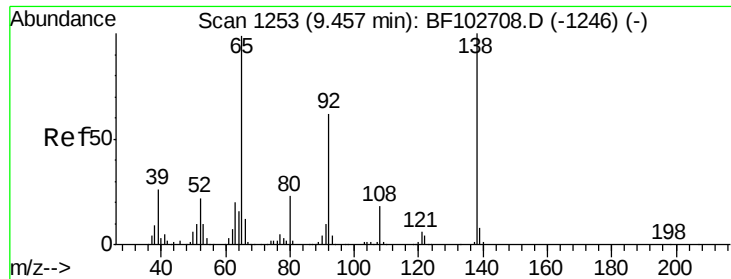
#44
 2-Fluorobiphenyl
 Concen: 75.80 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF103005.D
 Acq: 14 Feb 2018 23:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.7	44.5
170	24.3	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

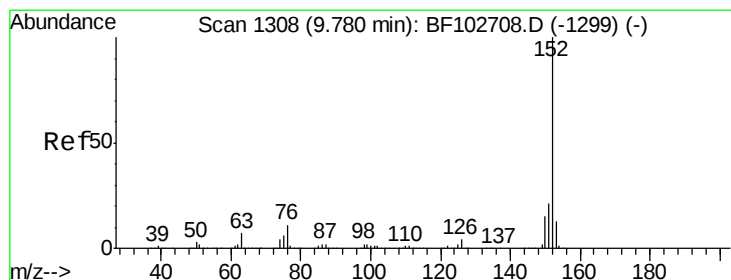
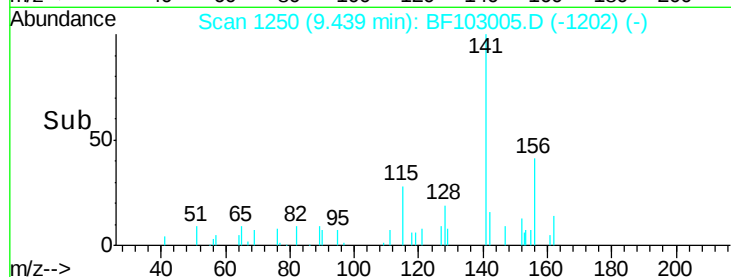
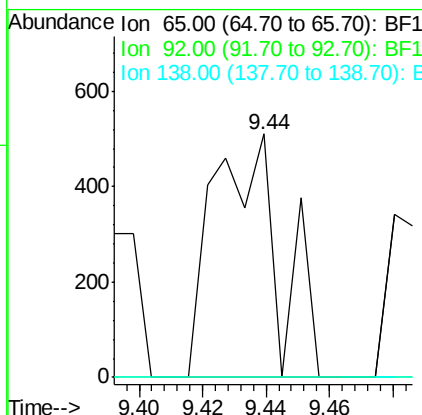
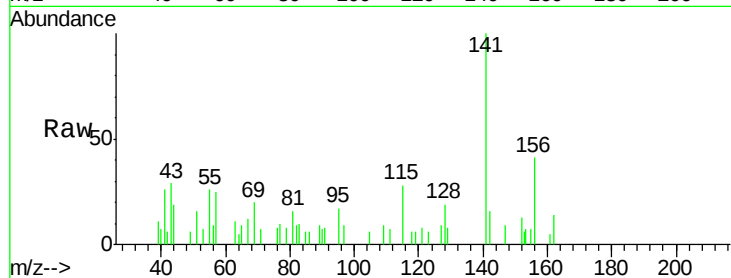




#47
2-Nitroaniline
Concen: 3.60 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

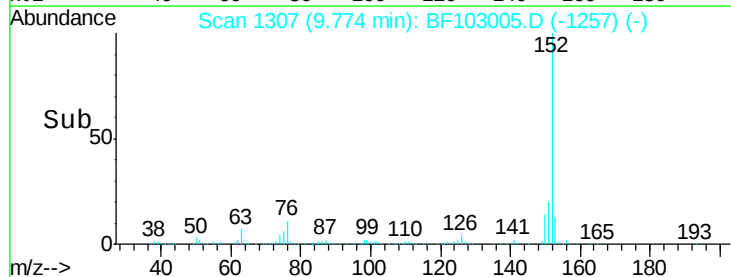
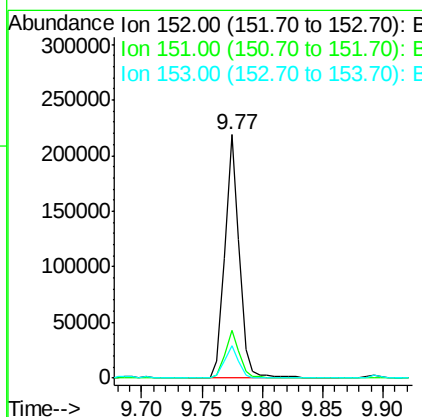
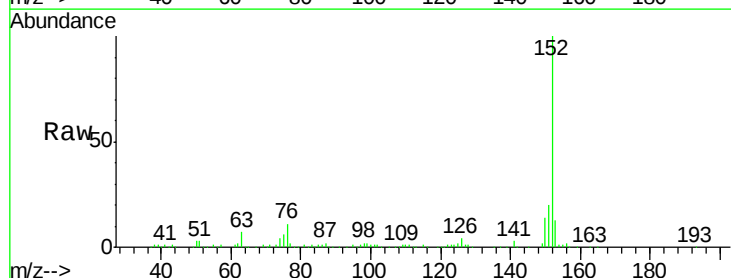
Instrument :
BNA_F
ClientSampled :

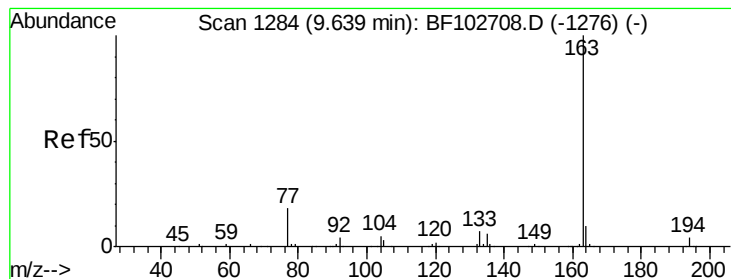
Tot Ion: 65 Resp: 744
Ion Ratio Lower Upper
65 100
92 0.0 55.8 83.6#
138 0.0 91.2 136.8#



#48
Acenaphthylene
Concen: 6.45 ng
RT: 9.77 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion: 152 Resp: 181659
Ion Ratio Lower Upper
152 100
151 19.8 16.3 24.5
153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 3.89 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.02 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

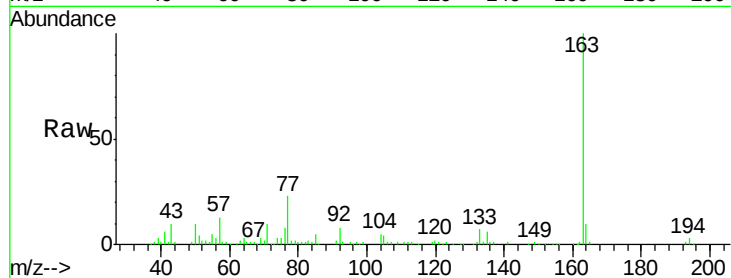
Tot Ion:163 Resp: 82983

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

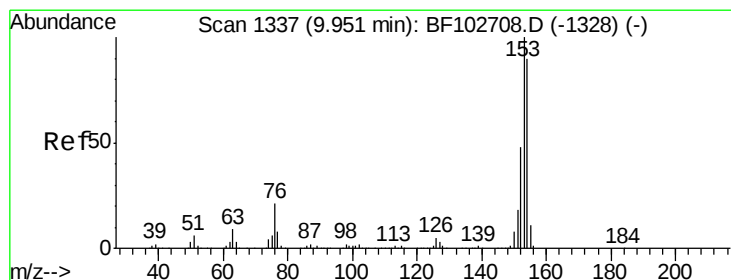
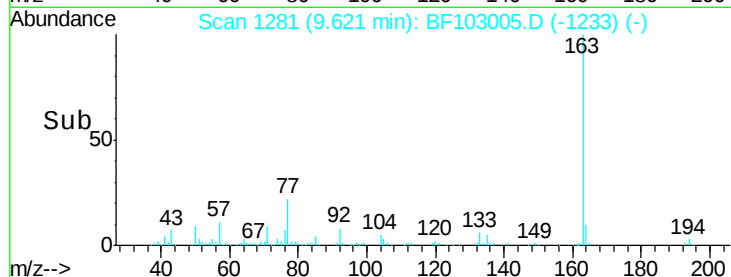
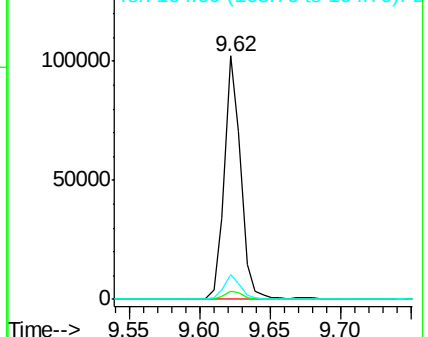
164 10.0 8.2 12.2



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



#51

Acenaphthene

Concen: 3.23 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

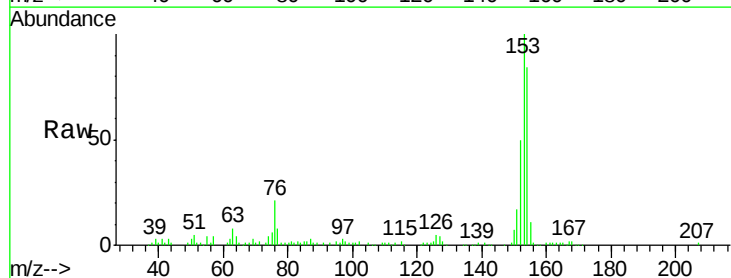
Tgt Ion:154 Resp: 54392

Ion Ratio Lower Upper

154 100

153 119.2 91.2 136.8

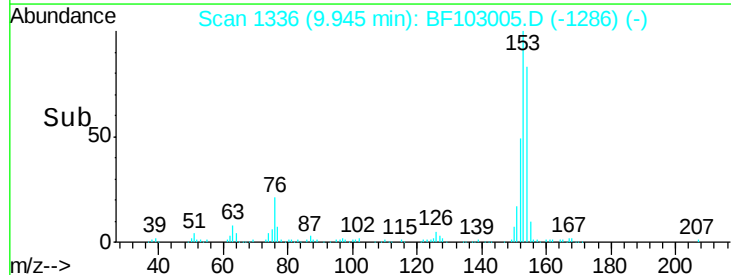
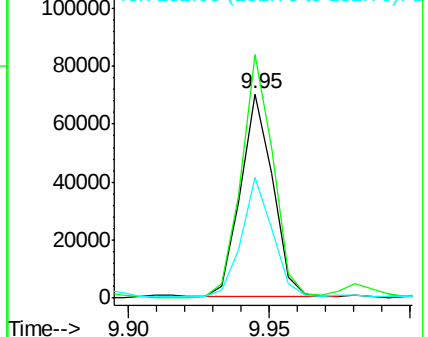
152 59.0 43.8 65.8

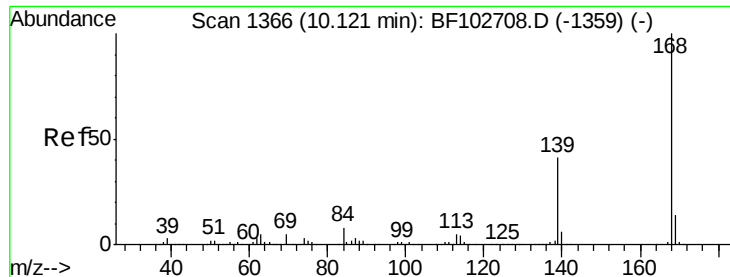


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzofuran

Concen: 2.56 ng

RT: 10.12 min Scan# 1365

Delta R.T. -0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

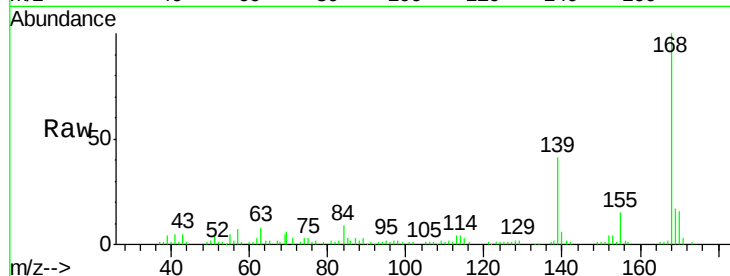
Tot Ion:168 Resp: 60686

Ion Ratio Lower Upper

168 100

139 41.2 30.1 45.1

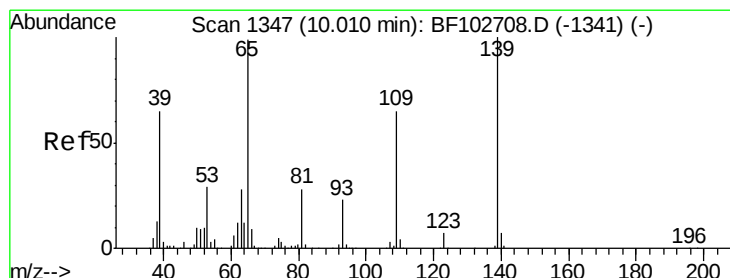
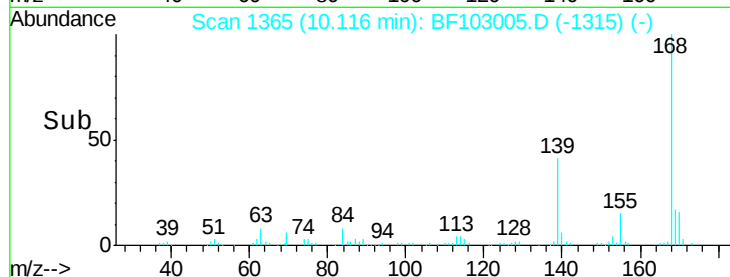
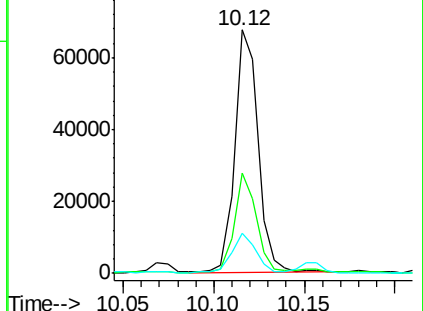
169 16.7 10.9 16.3#



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: 4.29 ng

RT: 10.02 min Scan# 1348

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

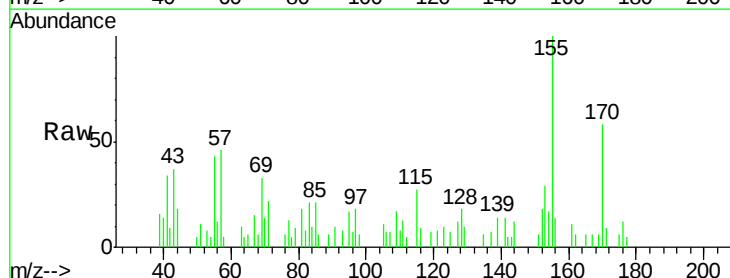
Tgt Ion:139 Resp: 1161

Ion Ratio Lower Upper

139 100

109 116.0 48.4 88.4#

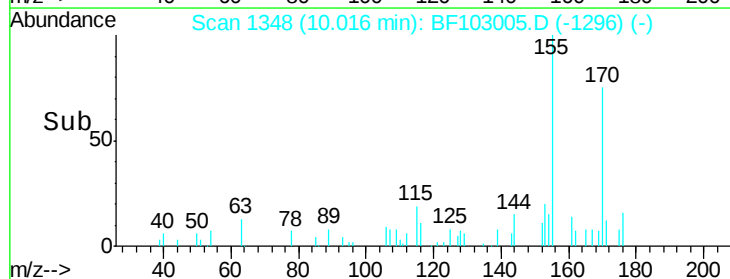
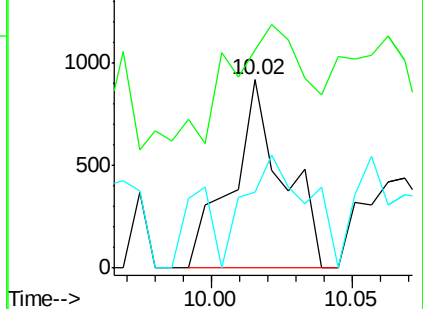
65 40.3 72.6 112.6#

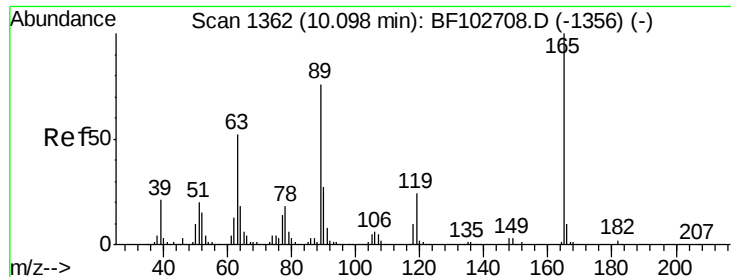


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

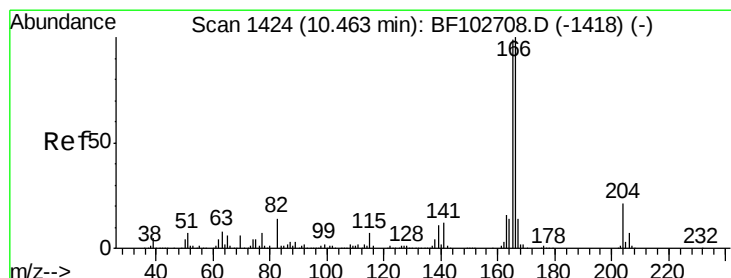
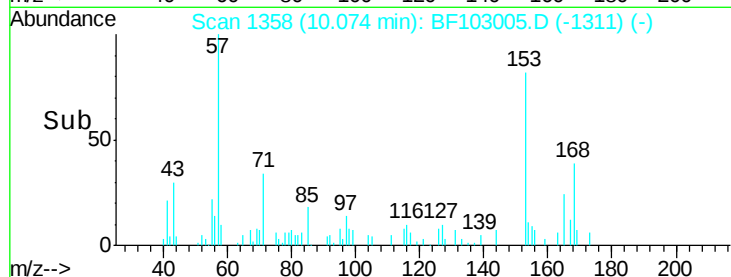
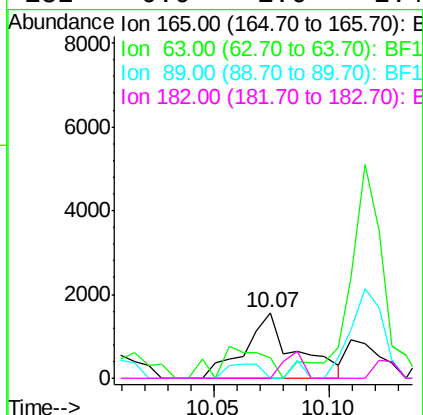
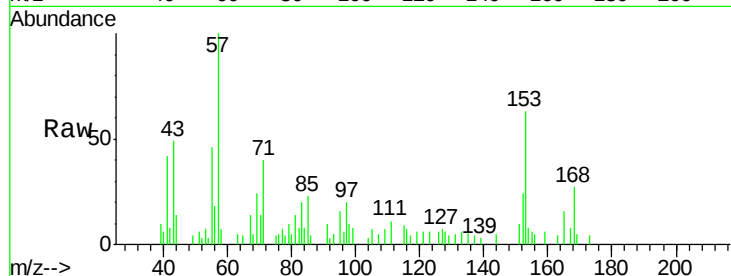




#56
2,4-Dinitrotoluene
Concen: 3.48 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

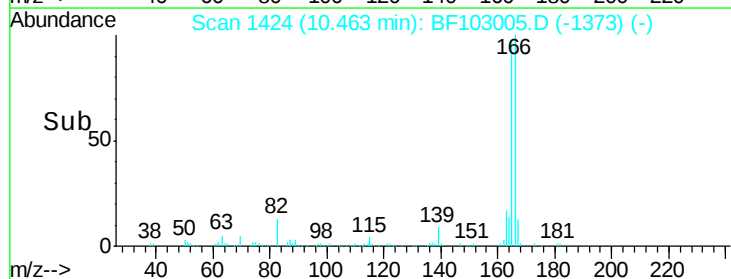
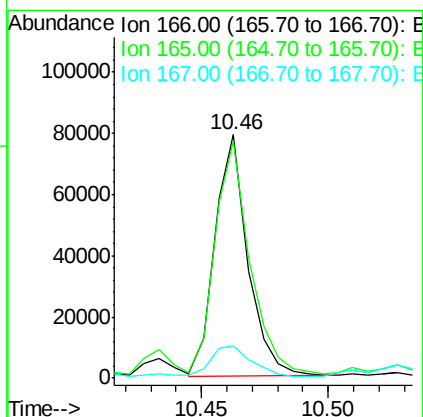
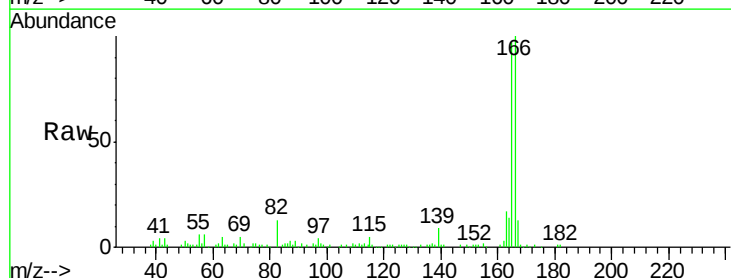
Instrument :
BNA_F
ClientSampleId :

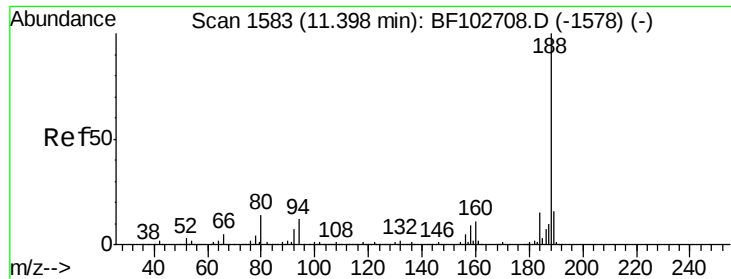
Tot Ion:165 Resp: 2360
Ion Ratio Lower Upper
165 100
63 30.7 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#57
Fluorene
Concen: 4.10 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:166 Resp: 70826
Ion Ratio Lower Upper
166 100
165 97.4 79.8 119.8
167 13.5 10.6 16.0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

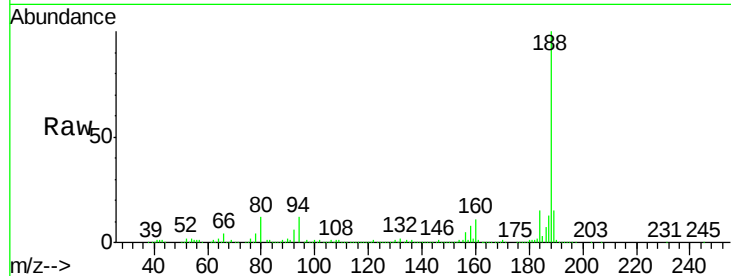
Tot Ion:188 Resp: 399823

Ion Ratio Lower Upper

188 100

94 11.6 8.5 12.7

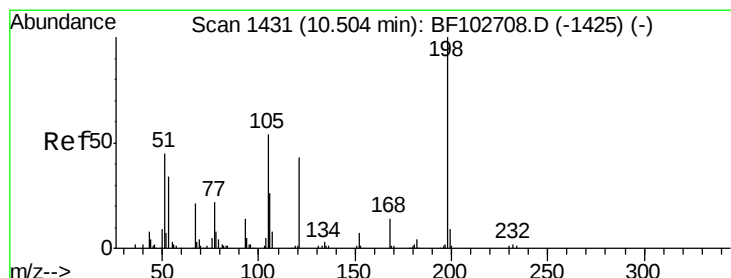
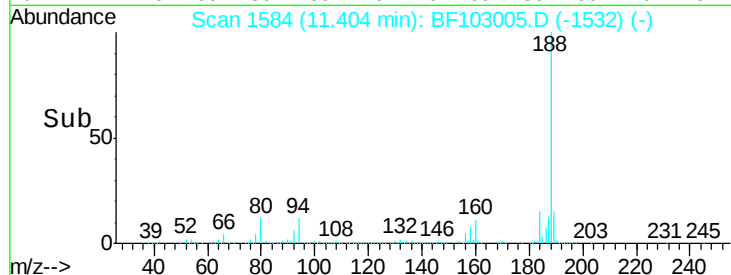
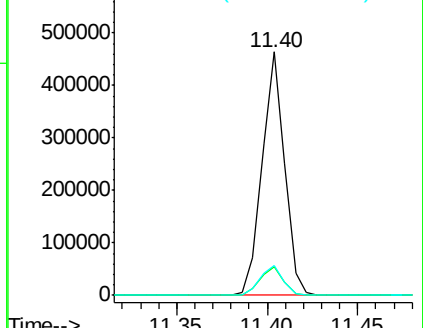
80 12.3 9.2 13.8



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: 9.05 ng

RT: 10.70 min Scan# 1465

Delta R.T. 0.20 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

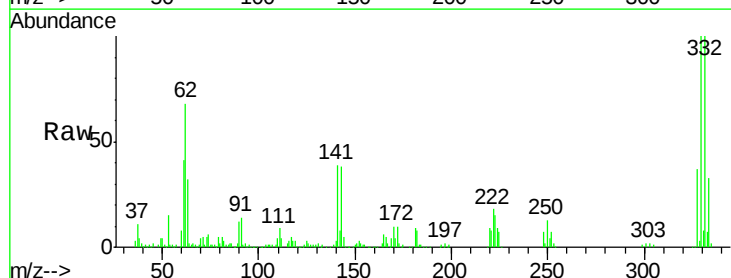
Tgt Ion:198 Resp: 455

Ion Ratio Lower Upper

198 100

51 563.2 37.7 77.7#

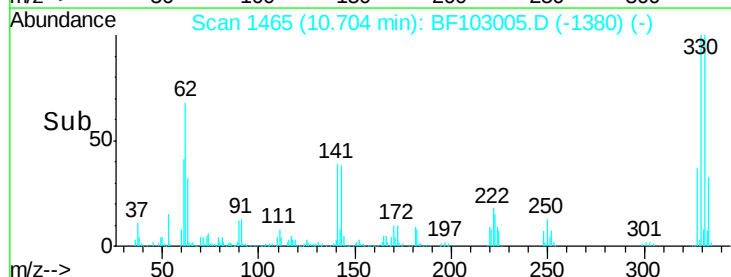
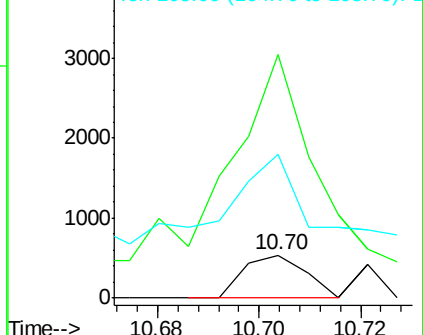
105 334.0 36.3 76.3#

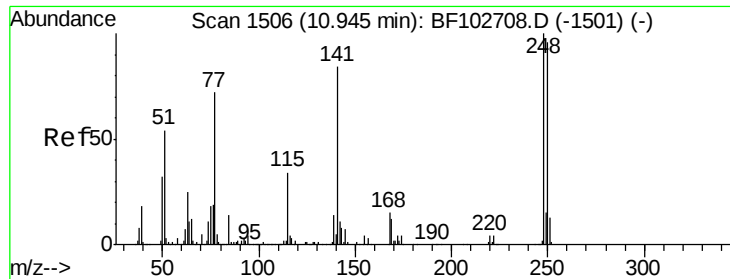


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

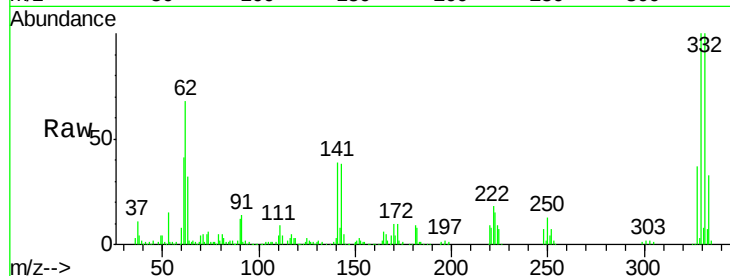




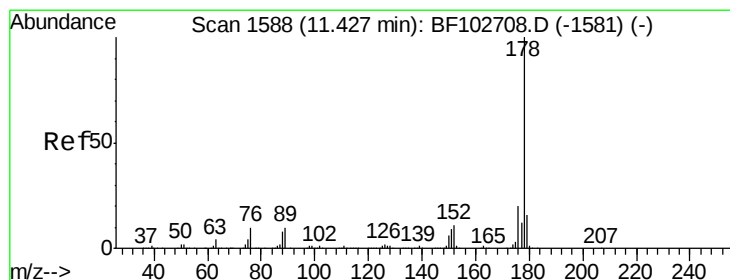
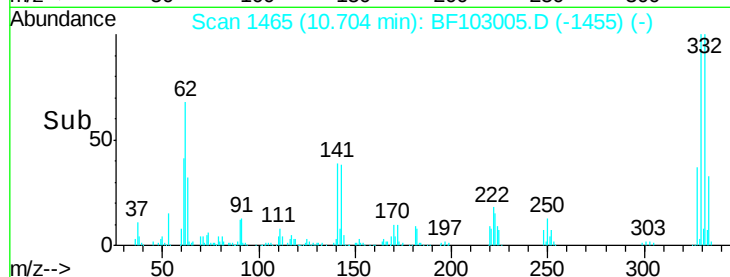
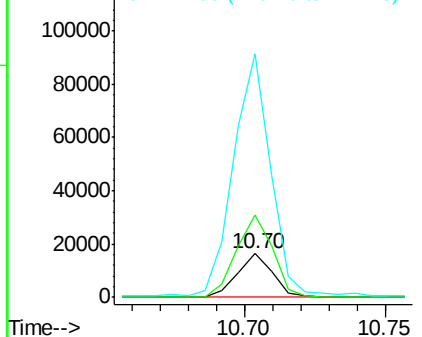
#66
4-Bromophenyl-phenylether
Concen: 3.33 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 14088
Ion Ratio Lower Upper
248 100
250 189.5 76.9 115.3#
141 559.9 74.4 111.6#

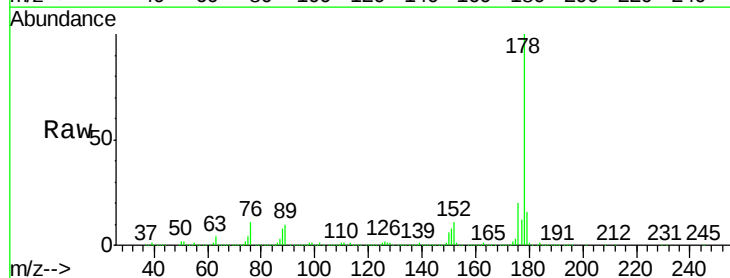


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

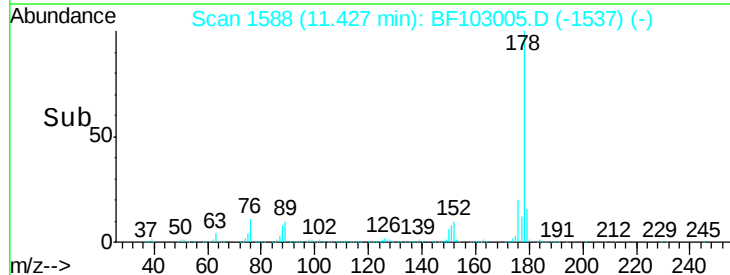
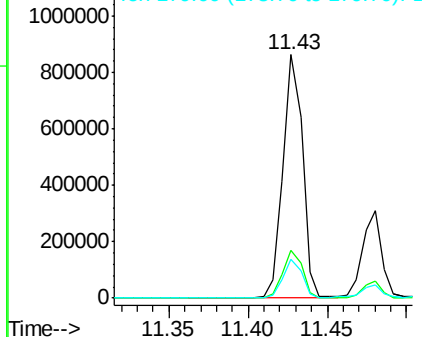


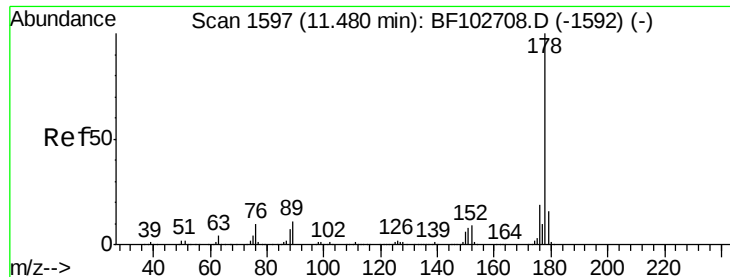
#70
Phenanthrene
Concen: 33.21 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.00 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:178 Resp: 739473
Ion Ratio Lower Upper
178 100
176 19.6 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

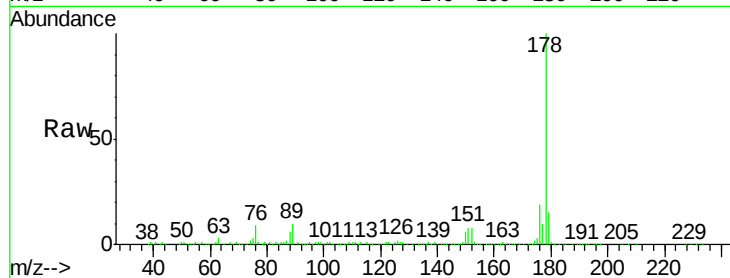




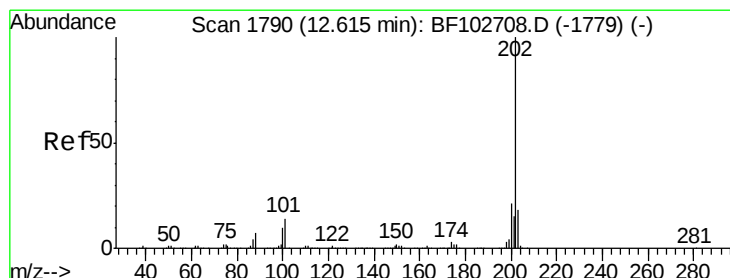
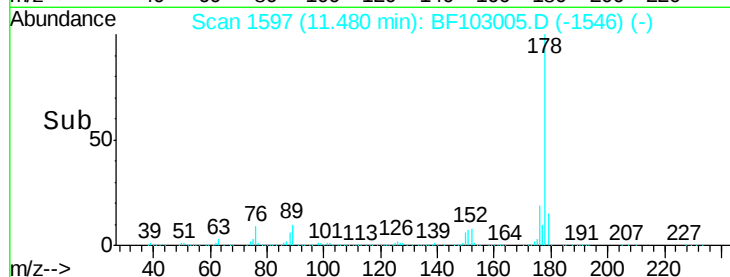
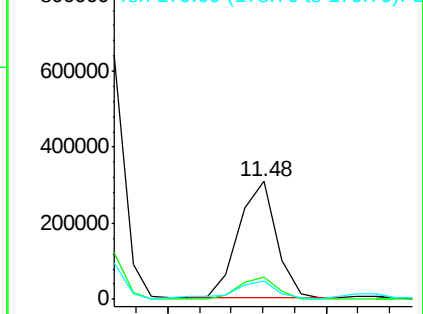
#71
 Anthracene
 Concen: 11.20 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.00 min
 Lab File: BF103005.D
 Acq: 14 Feb 2018 23:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 253606
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.2
 179 15.3 12.6 19.0

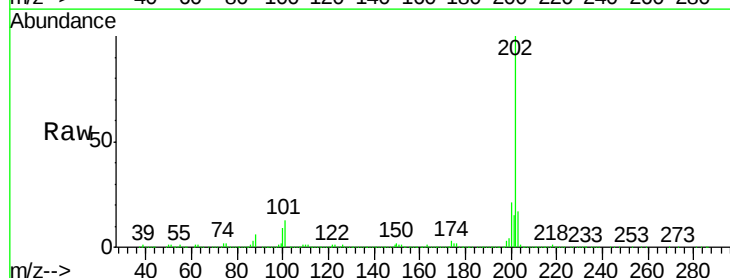


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

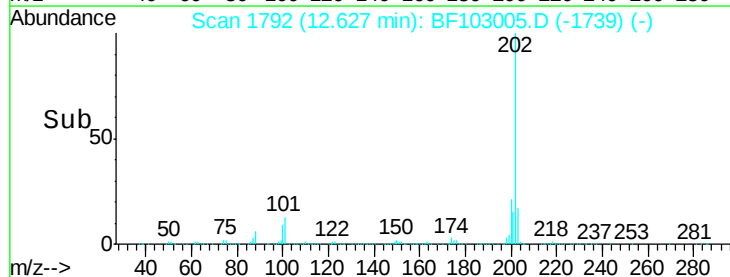
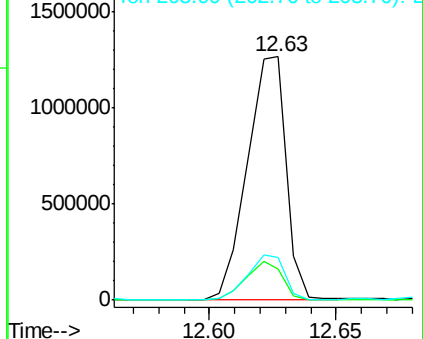


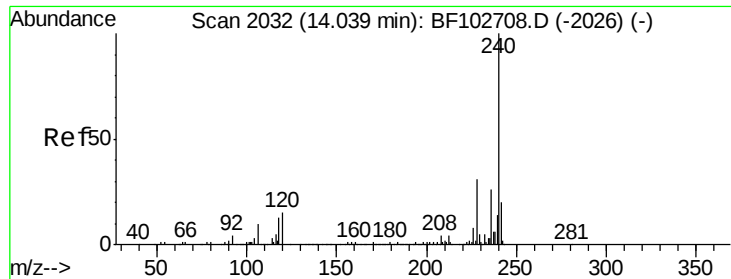
#74
 Fluoranthene
 Concen: 60.07 ng
 RT: 12.63 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: BF103005.D
 Acq: 14 Feb 2018 23:18

Tgt Ion:202 Resp: 1345682
 Ion Ratio Lower Upper
 202 100
 101 12.9 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: 20.00 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

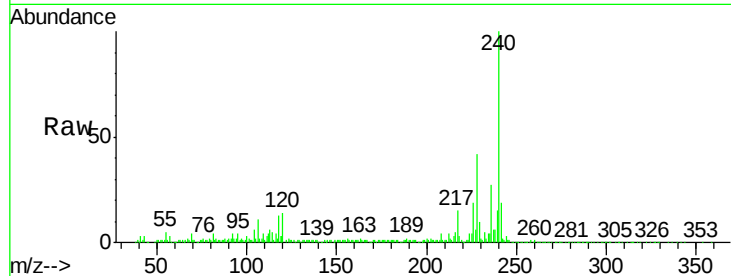
Tot Ion:240 Resp: 280758

Ion Ratio Lower Upper

240 100

120 14.4 9.5 14.3#

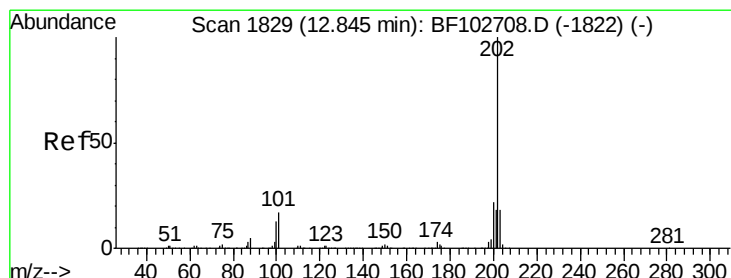
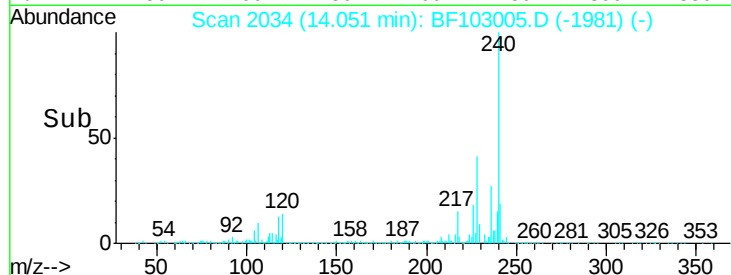
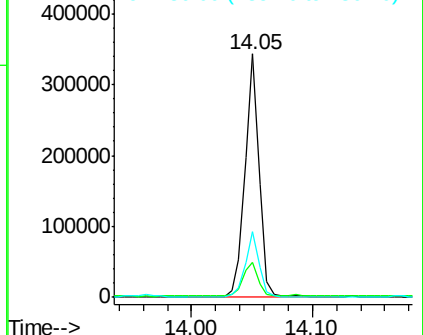
236 27.0 20.7 31.1



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

Pyrene

Concen: 58.23 ng

RT: 12.86 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

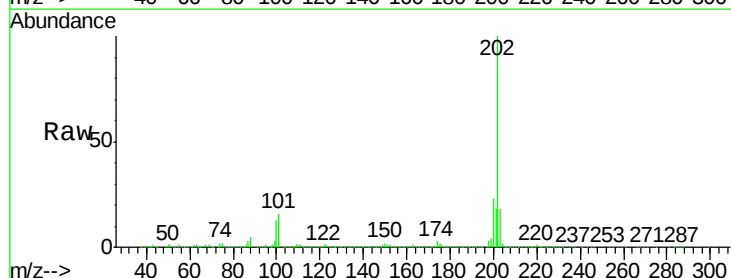
Tgt Ion:202 Resp: 1281979

Ion Ratio Lower Upper

202 100

200 22.6 17.4 26.2

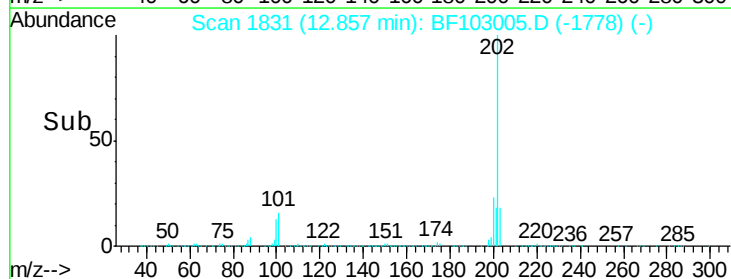
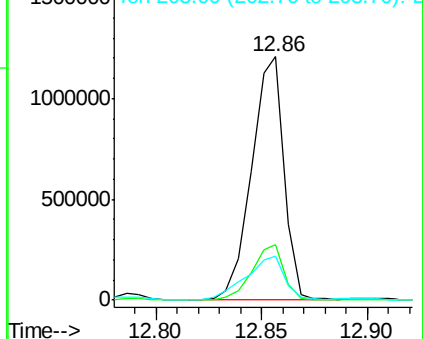
203 18.0 14.3 21.5

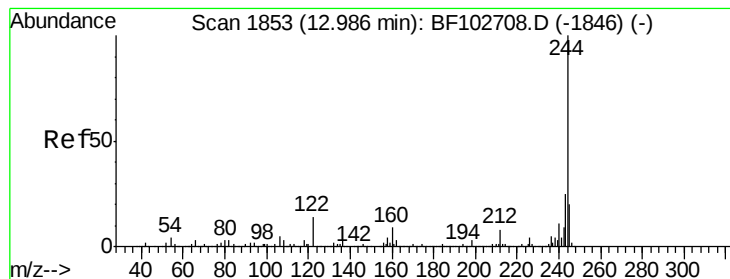


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 73.52 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

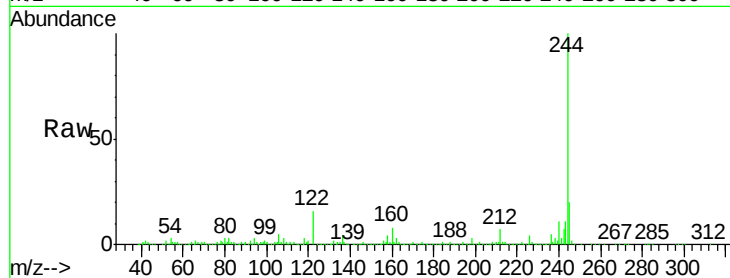
Tot Ion:244 Resp: 871780

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

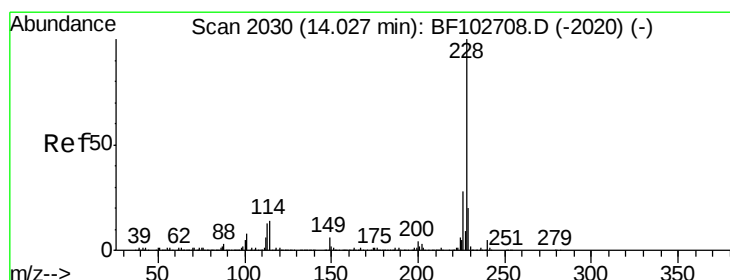
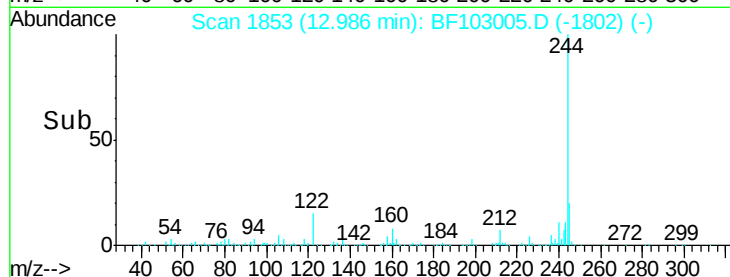
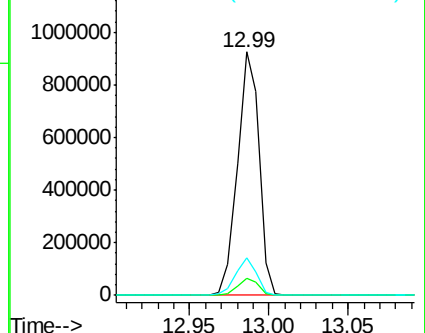
122 15.6 11.0 16.4



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: 34.97 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.05 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

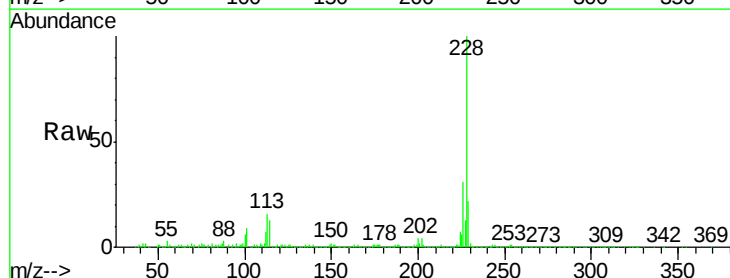
Tgt Ion:228 Resp: 617389

Ion Ratio Lower Upper

228 100

226 31.2 22.6 33.8

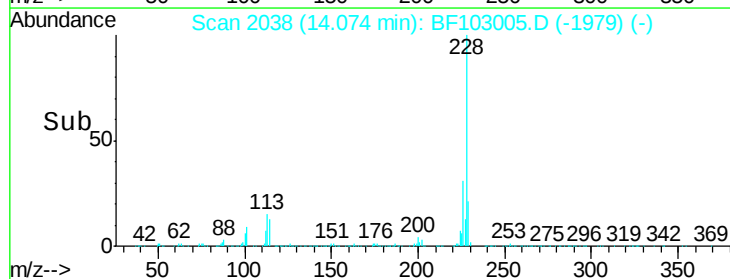
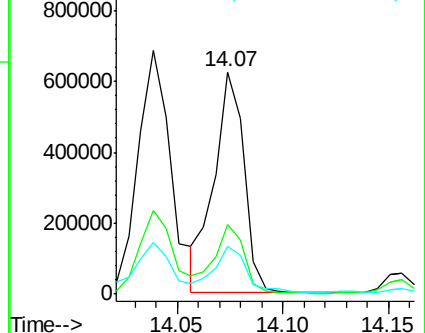
229 21.8 15.8 23.6

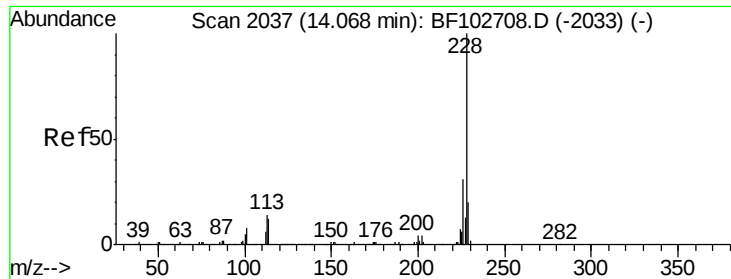


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 34.69 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.01 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

Instrument :

BNA_F

ClientSampleId :

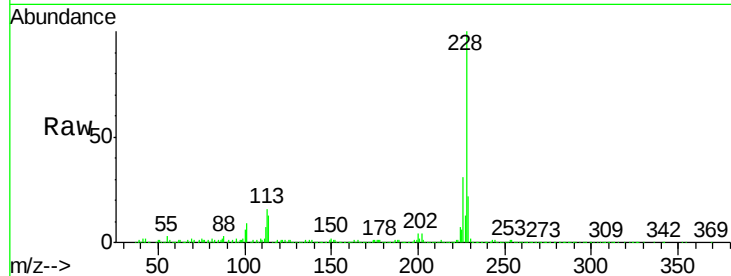
Tot Ion:228 Resp: 617389

Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.6

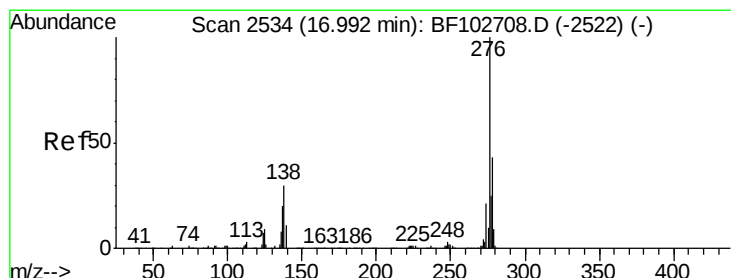
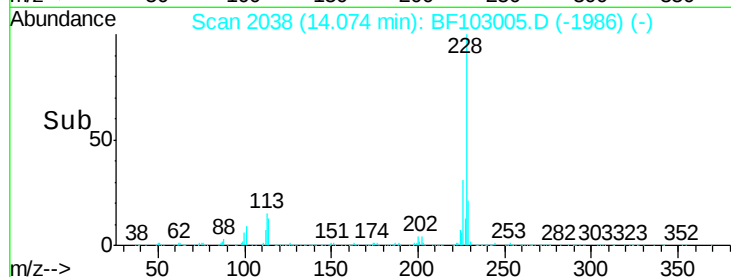
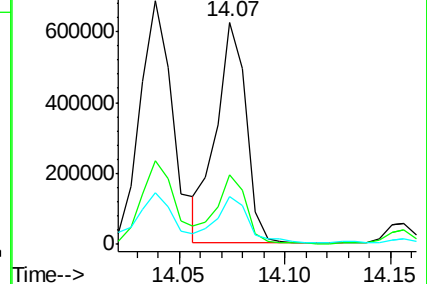
229 21.8 16.2 24.4



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: 18.42 ng

RT: 17.03 min Scan# 2541

Delta R.T. 0.04 min

Lab File: BF103005.D

Acq: 14 Feb 2018 23:18

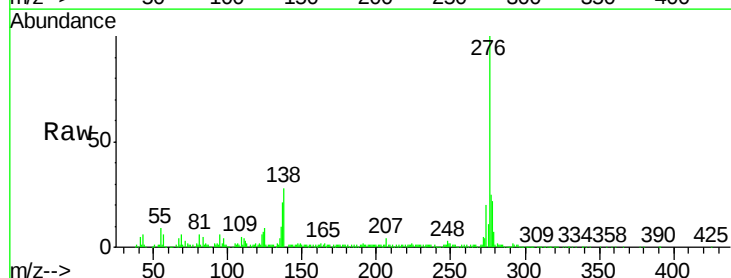
Tgt Ion:276 Resp: 271856

Ion Ratio Lower Upper

276 100

138 28.0 25.0 37.6

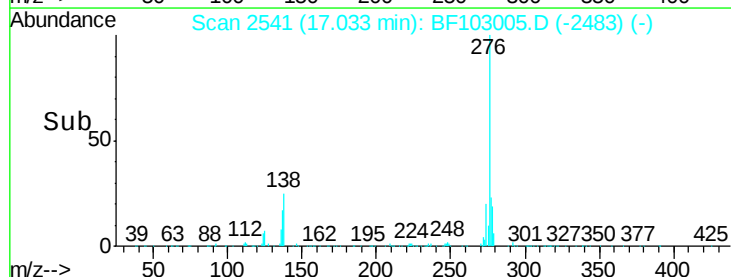
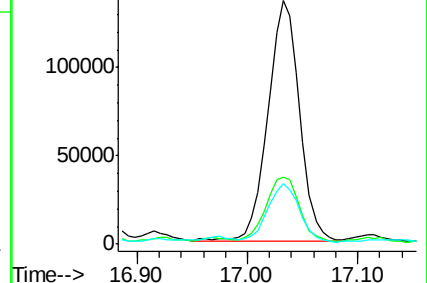
277 24.2 20.1 30.1

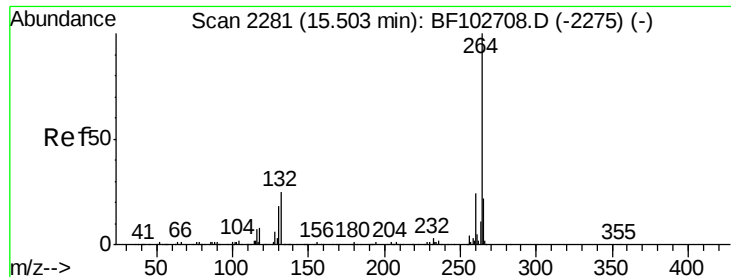


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

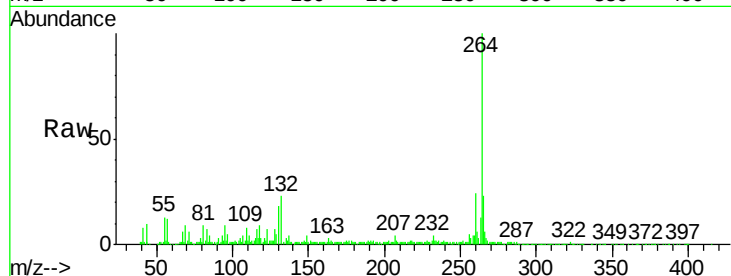




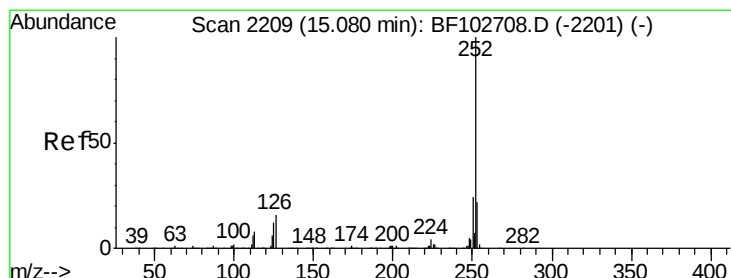
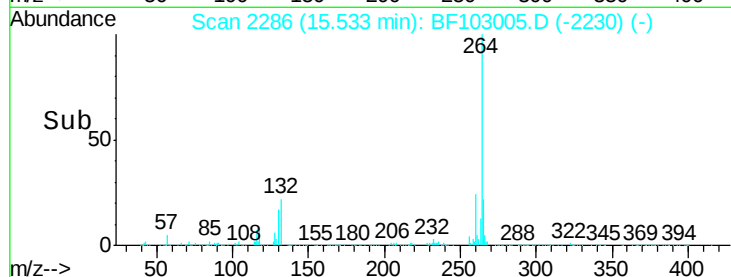
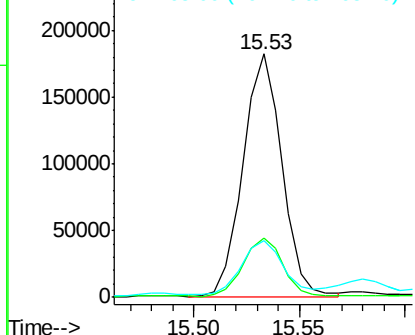
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.53 min Scan# 2286
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	23.1	17.5	26.3

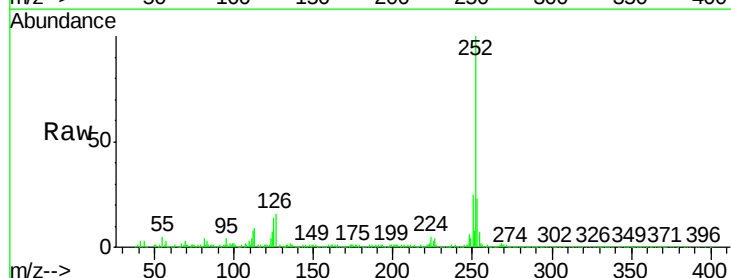


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

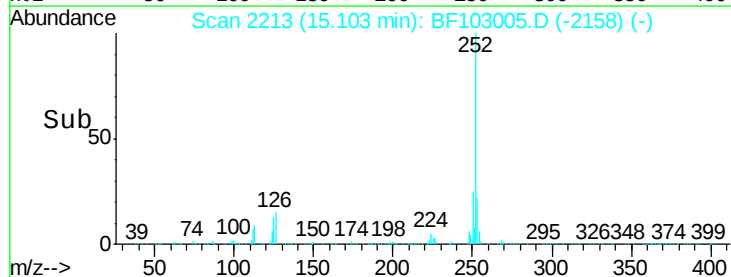
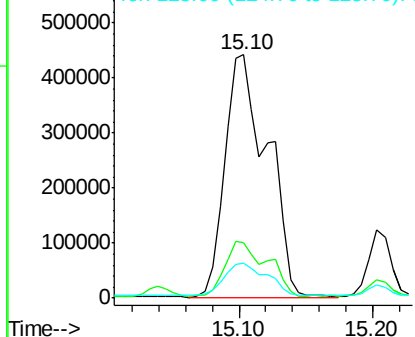


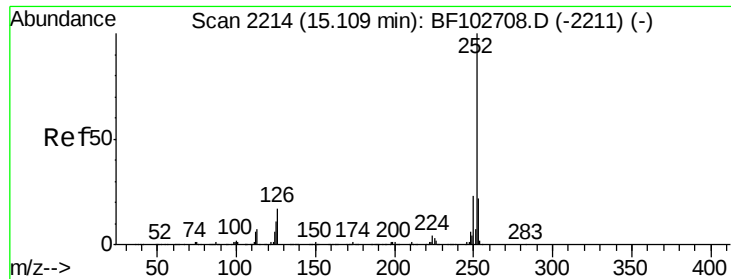
#87
Benzo(b)fluoranthene
Concen: 64.90 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.02 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.0	25.6
125	14.4	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

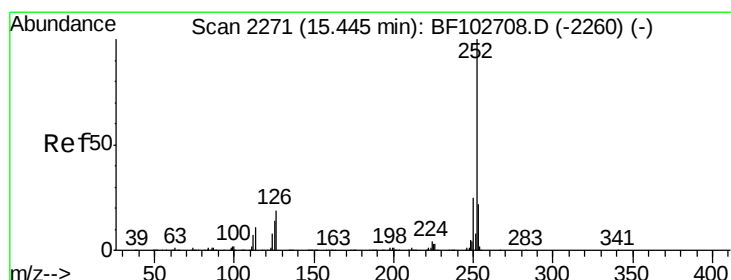
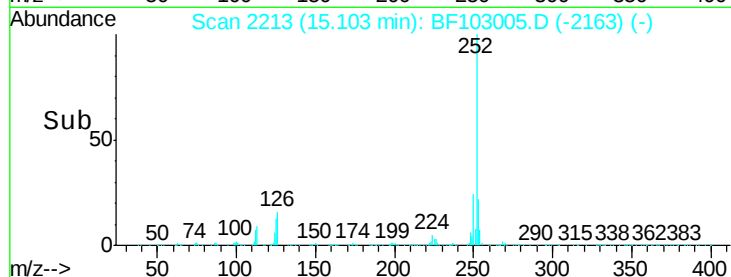
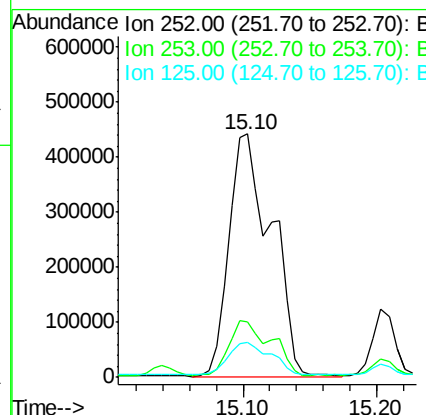
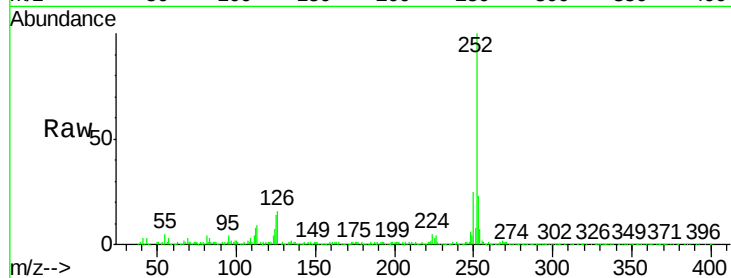




#88
Benzo(k)fluoranthene
Concen: 67.92 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

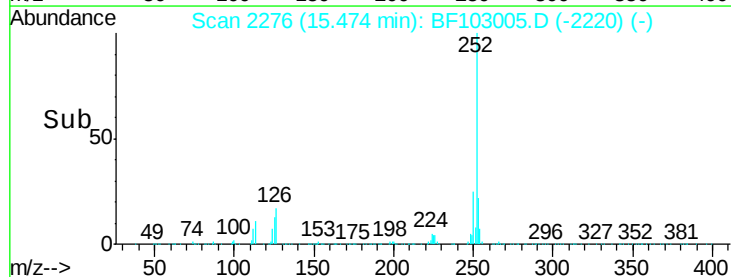
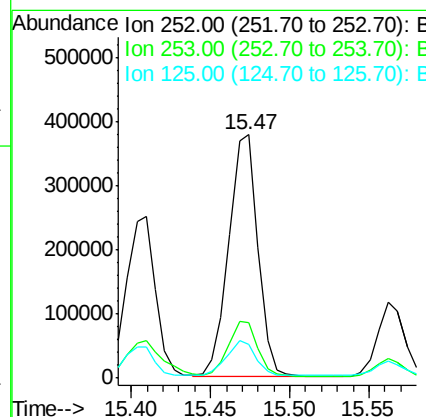
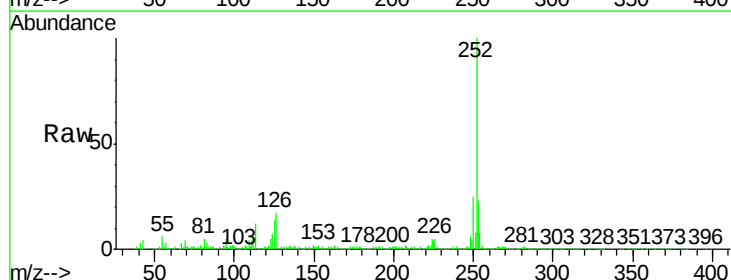
Instrument :
BNA_F
ClientSampleId :

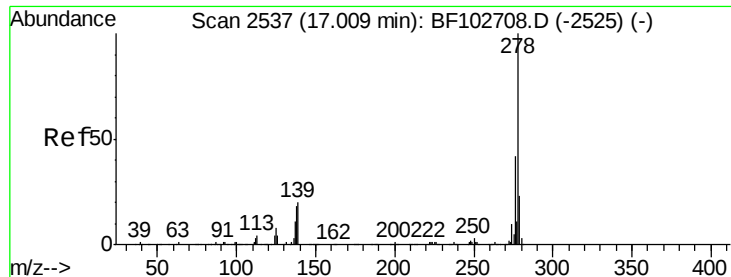
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	14.4	10.2	15.2



#89
Benzo(a)pyrene
Concen: 35.76 ng
RT: 15.47 min Scan# 2276
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	13.8	9.8	14.6

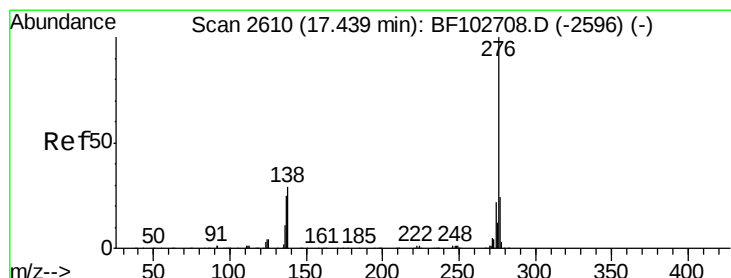
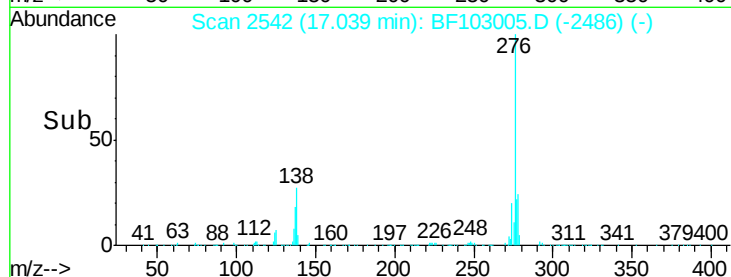
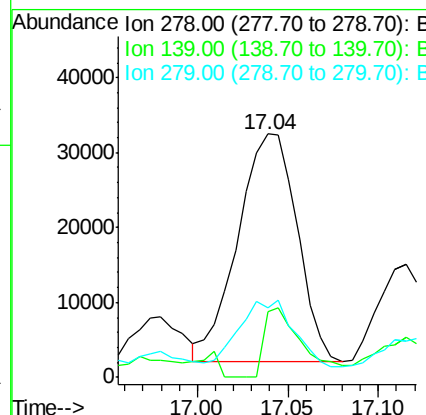
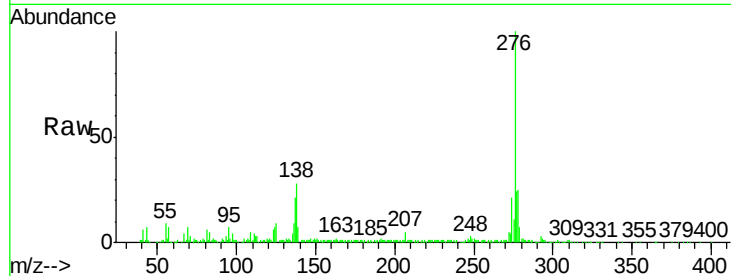




#90
Dibenzo(a,h)anthracene
Concen: 6.24 ng
RT: 17.04 min Scan# 2542
Delta R.T. 0.03 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 68669
Ion Ratio Lower Upper
278 100
139 26.9 15.9 23.9#
279 28.6 19.0 28.4#



#91
Benzo(g,h,i)perylene
Concen: 23.16 ng
RT: 17.50 min Scan# 2620
Delta R.T. 0.06 min
Lab File: BF103005.D
Acq: 14 Feb 2018 23:18

Tgt Ion:276 Resp: 249260
Ion Ratio Lower Upper
276 100
277 22.5 17.9 26.9
138 28.0 21.8 32.8

