

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104668.D
 Acq On : 20 Apr 2018 12:34
 Operator : JU/SJ
 Sample : J2407-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-D

Quant Time: Apr 20 14:50:44 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

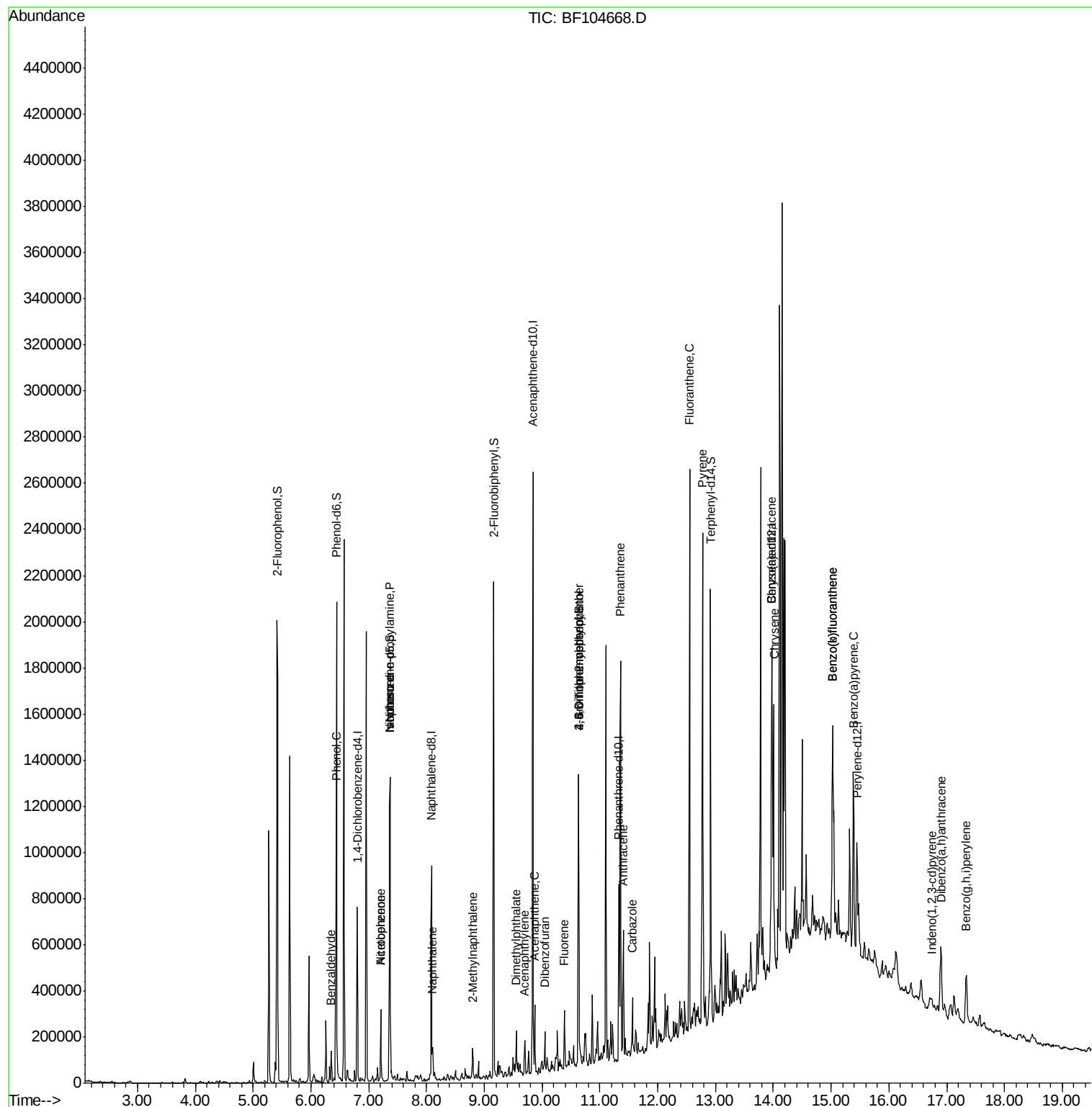
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	109284	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	412389	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	138111	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	272391	20.00	ng	0.00
75) Chrysene-d12	13.98	240	246205	20.00	ng	0.00
86) Perylene-d12	15.44	264	211776	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	620306	86.79	ng	0.00
7) Phenol-d6	6.44	99	745862	84.94	ng	0.00
23) Nitrobenzene-d5	7.37	82	447392	70.84	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	148204	103.45	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	682634	78.08	ng	0.00
78) Terphenyl-d14	12.92	244	623723	57.76	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.35	77	21358	2.452	ng	# 83
10) Phenol	6.45	94	19077	2.047	ng	98
19) n-Nitroso-di-n-propylamine	7.37	70	59637	10.393	ng	# 72
22) Acetophenone	7.21	105	97935	9.646	ng	# 90
24) Nitrobenzene	7.21	77	69333	9.943	ng	# 39
25) Isophorone	7.37	82	447385	33.500	ng	# 64
31) Naphthalene	8.10	128	68028	3.313	ng	99
37) 2-Methylnaphthalene	8.80	142	27406	2.063	ng	96
48) Acenaphthylene	9.70	152	54377	3.782	ng	100
49) Dimethylphthalate	9.56	163	60022	5.511	ng	100
51) Acenaphthene	9.87	154	55432	6.319	ng	98
54) Dibenzofuran	10.04	168	54421	4.451	ng	99
57) Fluorene	10.39	166	64896	7.293	ng	98
64) 4,6-Dinitro-2-methylphenol	10.63	198	360	7.577	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	9174	3.166	ng	# 1
70) Phenanthrene	11.36	178	617917	40.735	ng	98
71) Anthracene	11.40	178	189768	12.307	ng	100
72) Carbazole	11.56	167	84865	5.632	ng	99
74) Fluoranthene	12.55	202	974903	61.512	ng	97
76) Benzidine	12.63	184	608	Below Cal		# 1
77) Pyrene	12.78	202	894020	48.989	ng	100
80) Benzo(a)anthracene	13.97	228	519543	35.323	ng	98
82) Chrysene	14.01	228	484822	32.091	ng	98
85) Indeno(1,2,3-cd)pyrene	16.74	276	33846	2.637	ng	97
87) Benzo(b)fluoranthene	15.03	252	754978	56.445	ng	# 94
88) Benzo(k)fluoranthene	15.03	252	754978	59.788	ng	97
89) Benzo(a)pyrene	15.39	252	335523	28.036	ng	# 95
90) Dibenzo(a,h)anthracene	16.91	278	54012	5.495	ng	# 90
91) Benzo(g,h,i)perylene	17.34	276	177012	18.588	ng	95

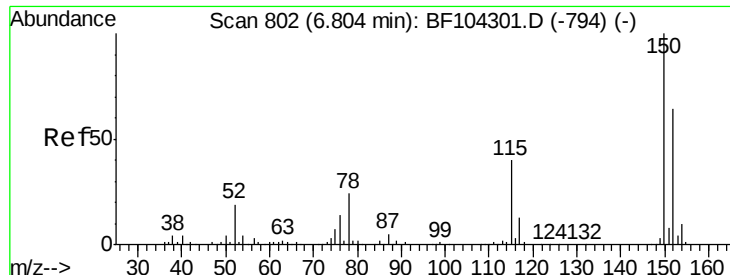
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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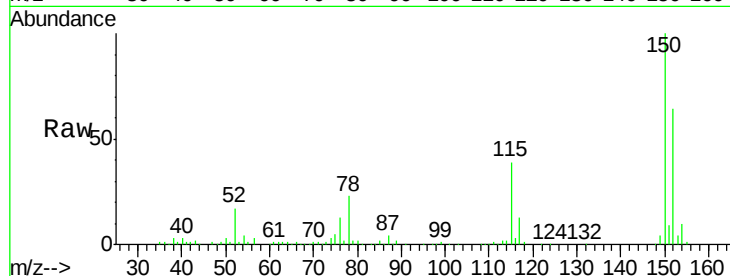


#1

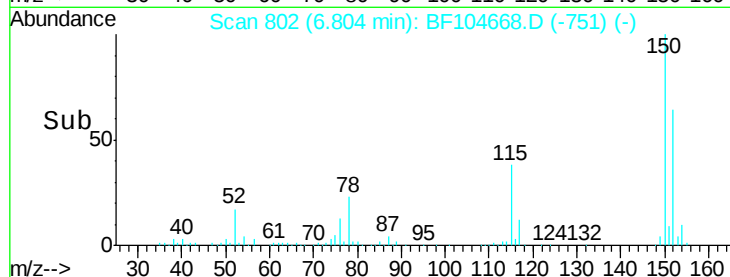
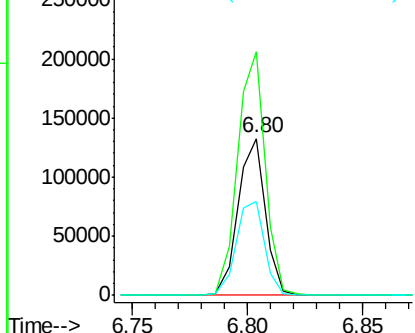
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-D

Tot Ion:152 Resp: 109284
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 60.0 50.1 75.1



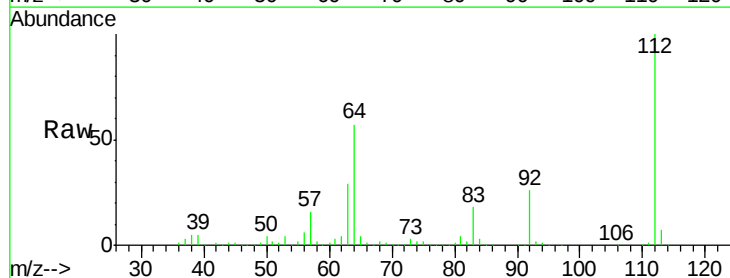
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



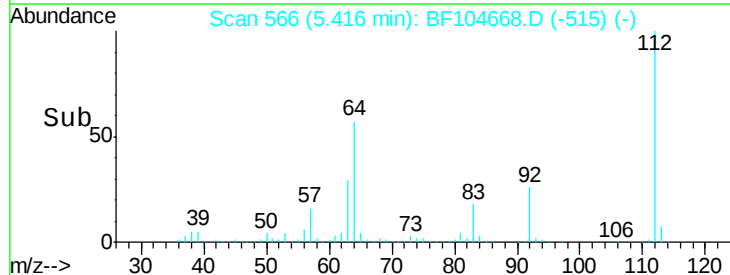
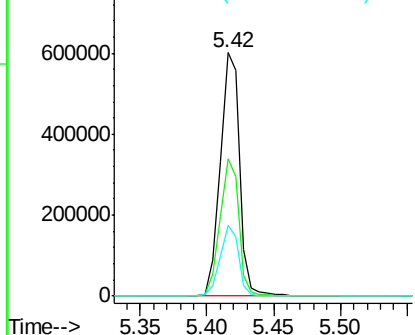
#5

2-Fluorophenol
Concen: 86.791 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Tgt Ion:112 Resp: 620306
Ion Ratio Lower Upper
112 100
64 56.6 47.9 71.9
63 28.9 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: 84.935 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

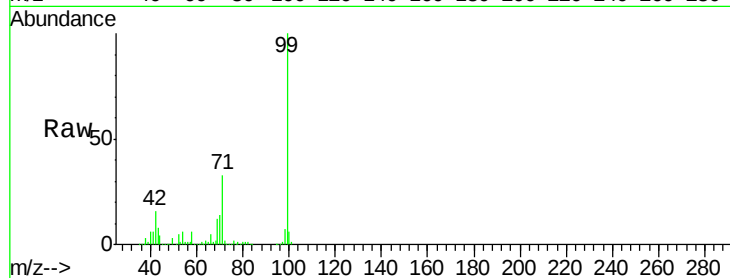
Tot Ion: 99 Resp: 745862

Ion Ratio Lower Upper

99 100

42 15.7 14.5 21.7

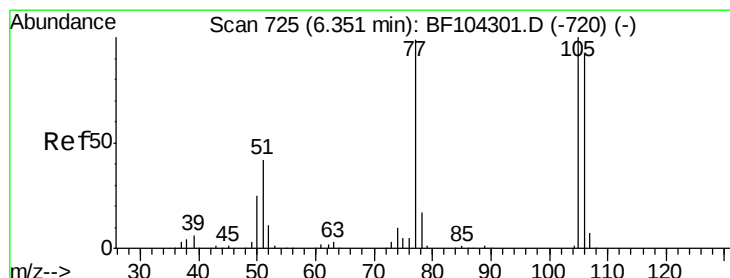
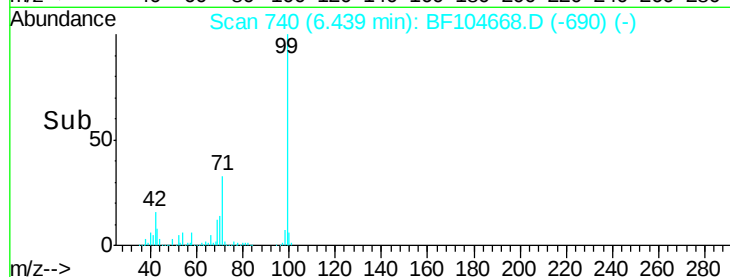
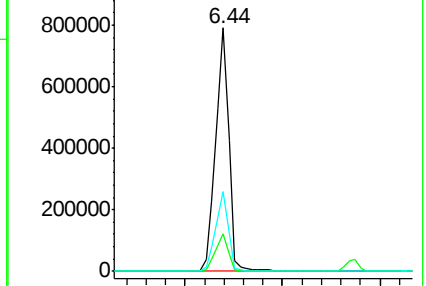
71 32.9 25.4 38.0



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: 2.452 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

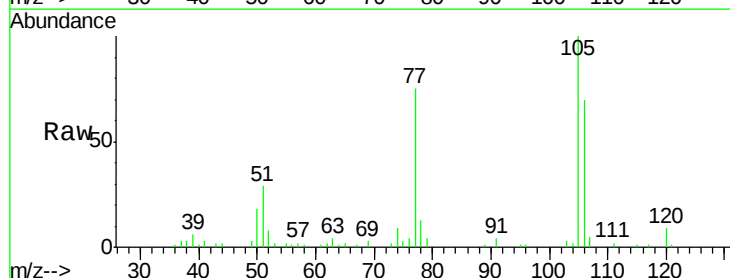
Tgt Ion: 77 Resp: 21358

Ion Ratio Lower Upper

77 100

105 133.0 81.1 121.1#

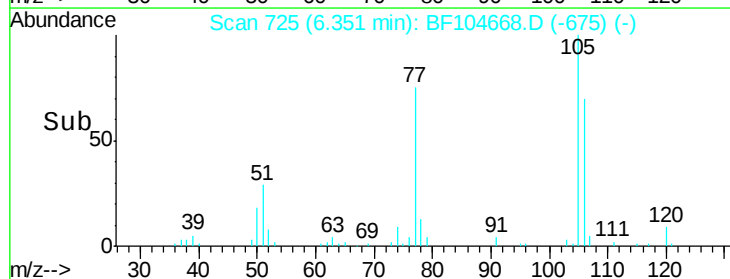
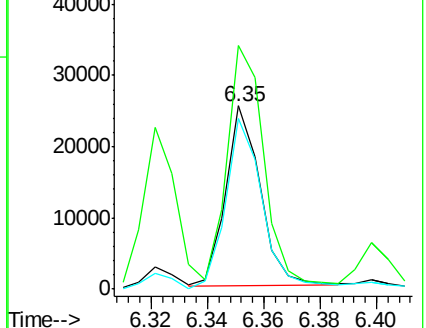
106 93.2 74.5 114.5

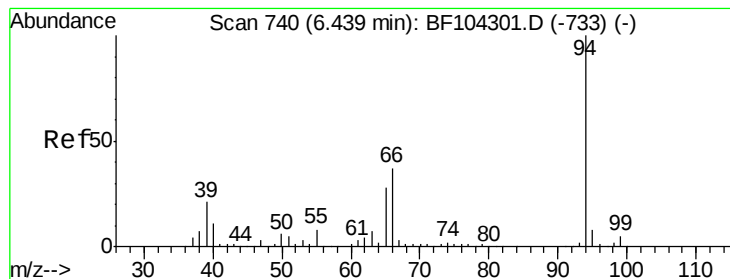


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1





#10

Phenol

Concen: 2.047 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

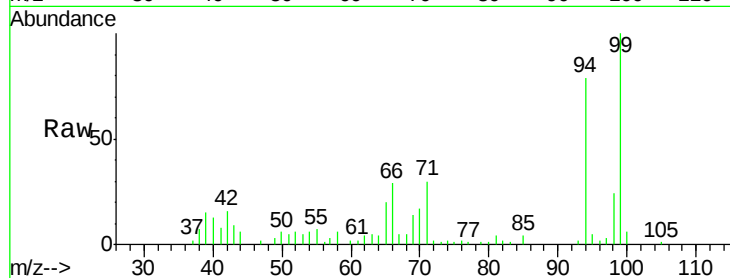
Tot Ion: 94 Resp: 19077

Ion Ratio Lower Upper

94 100

65 25.9 7.9 47.9

66 36.9 16.2 56.2

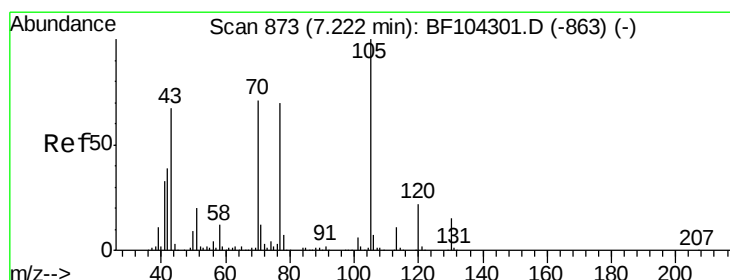
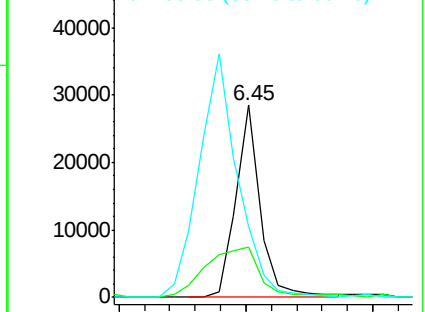
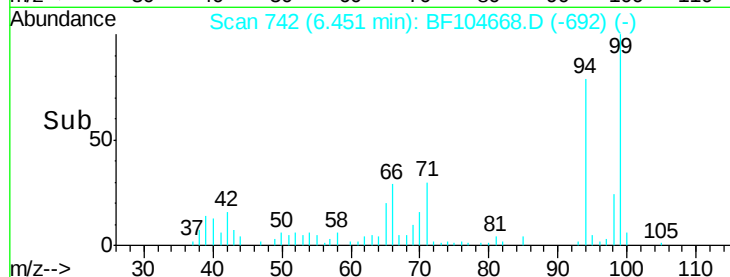


Abundance

Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 10.393 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.15 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Tgt Ion: 70 Resp: 59637

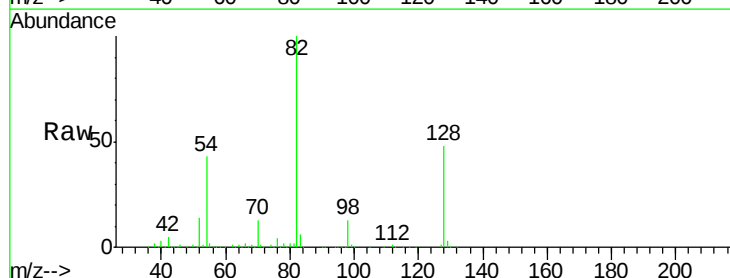
Ion Ratio Lower Upper

70 100

42 41.3 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#



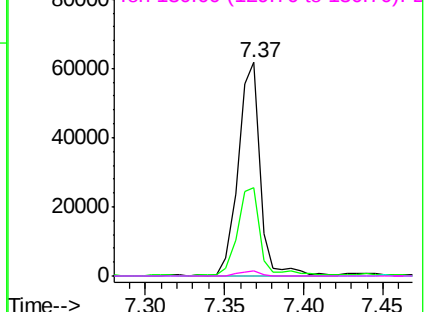
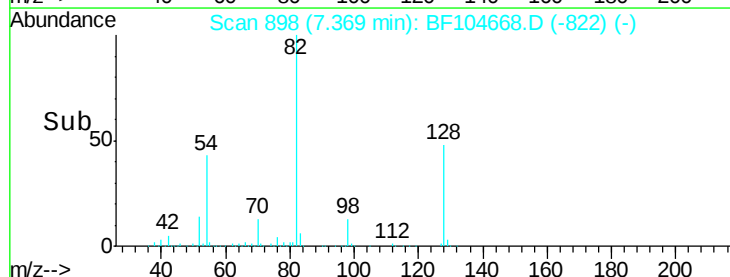
Abundance

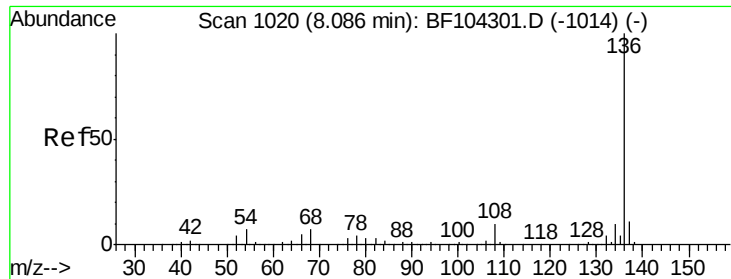
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

Tot Ion:136 Resp: 412389

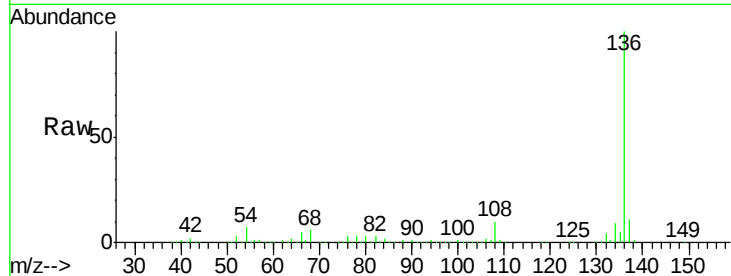
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.6 6.6 9.8

68 6.0 5.0 7.4

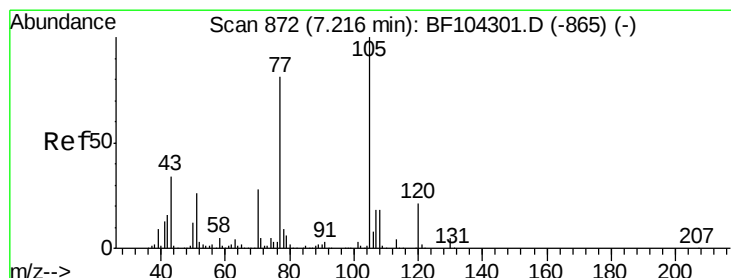
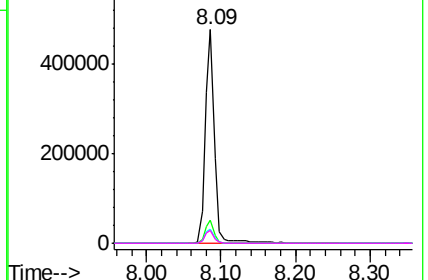
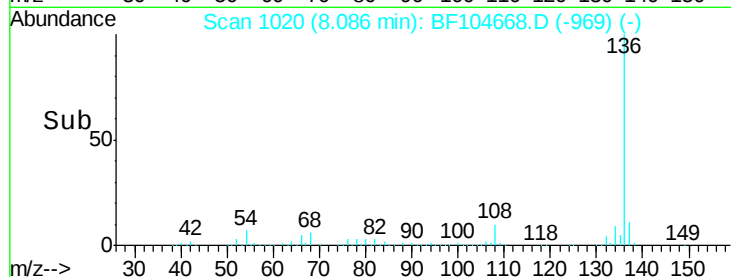


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.646 ng

RT: 7.21 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Tgt Ion:105 Resp: 97935

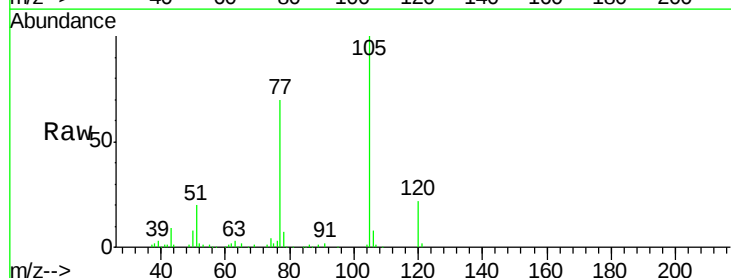
Ion Ratio Lower Upper

105 100

71 0.0 4.4 6.6#

51 19.7 22.3 33.5#

120 21.6 16.9 25.3

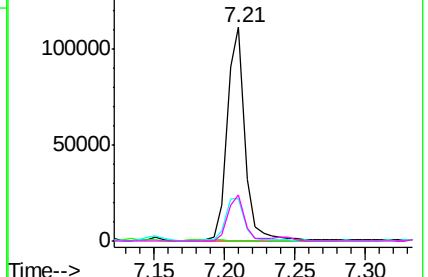
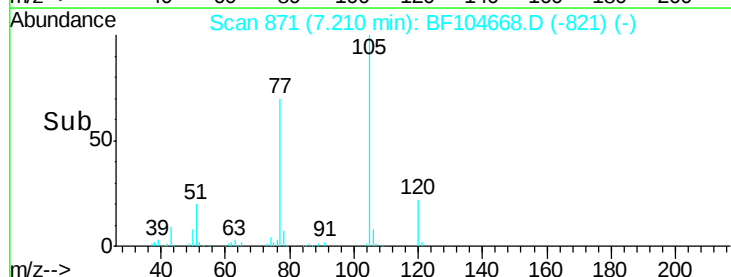


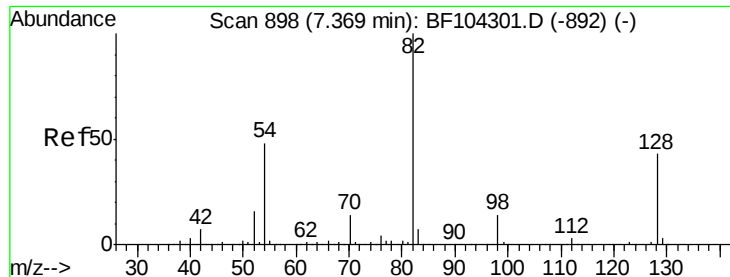
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

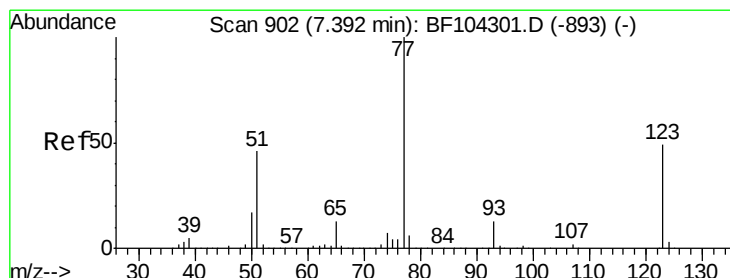
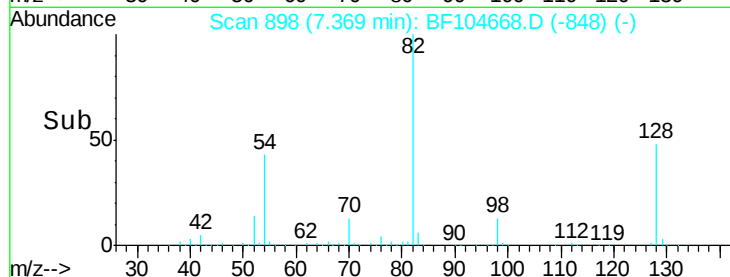
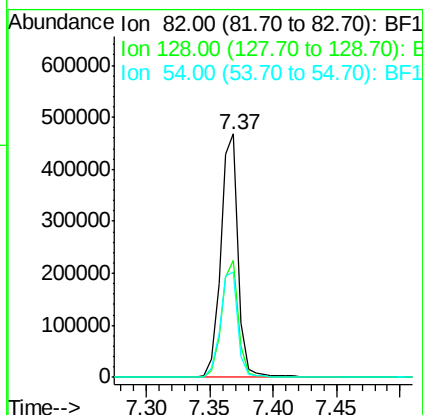
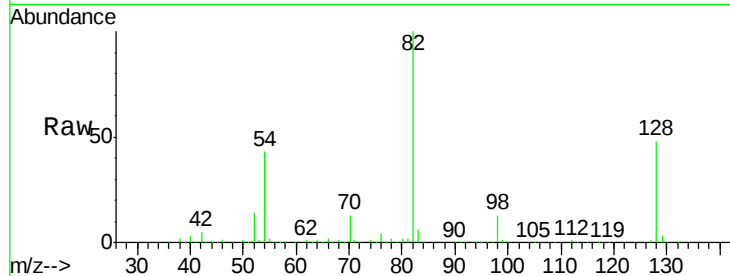




#23
 Nitrobenzene-d5
 Concen: 70.840 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

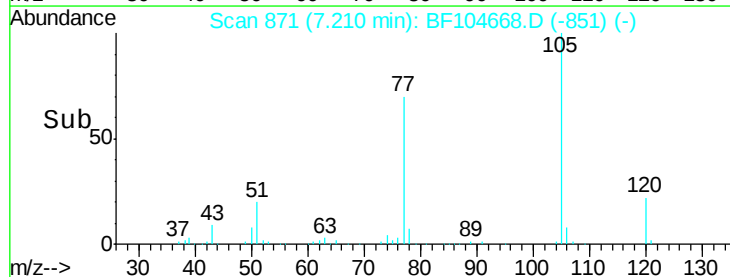
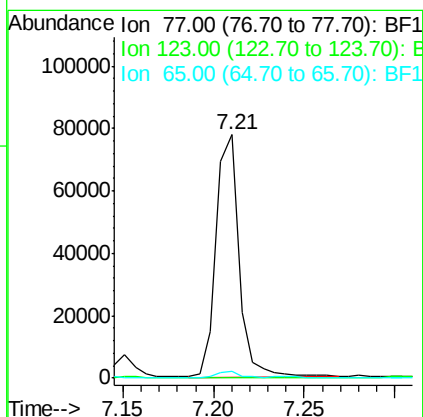
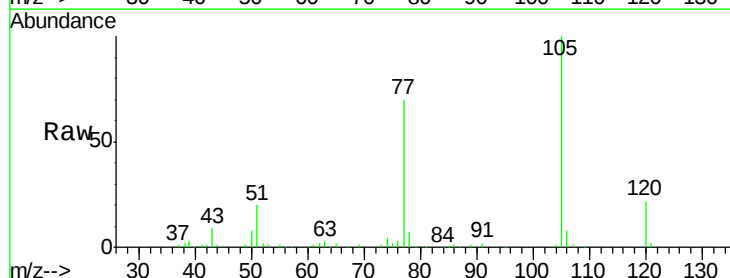
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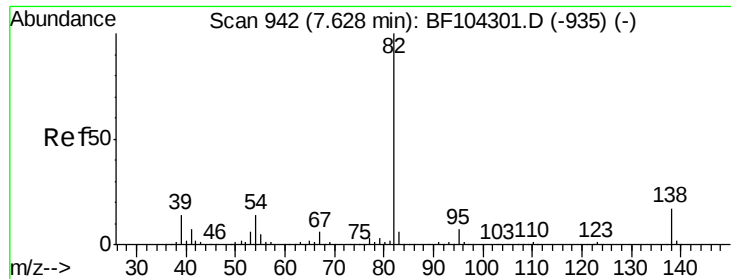
Tot Ion: 82 Resp: 447392
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.1 54.1
 54 43.2 41.4 62.2



#24
 Nitrobenzene
 Concen: 9.943 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.18 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

Tgt Ion: 77 Resp: 69333
 Ion Ratio Lower Upper
 77 100
 123 0.0 37.9 56.9#
 65 2.9 11.0 16.4#

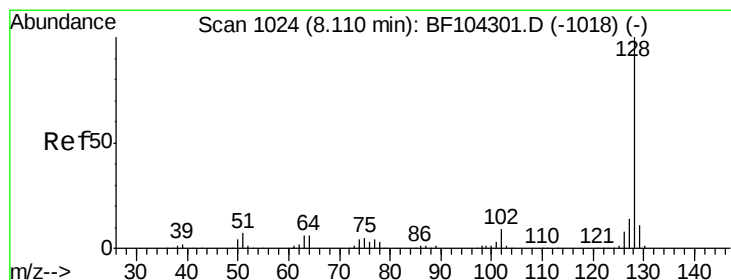
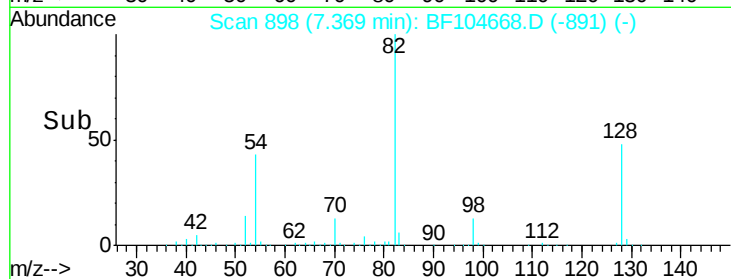
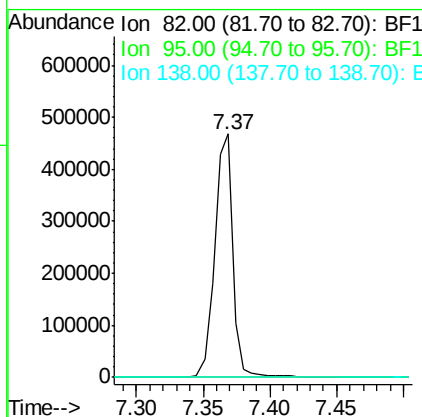
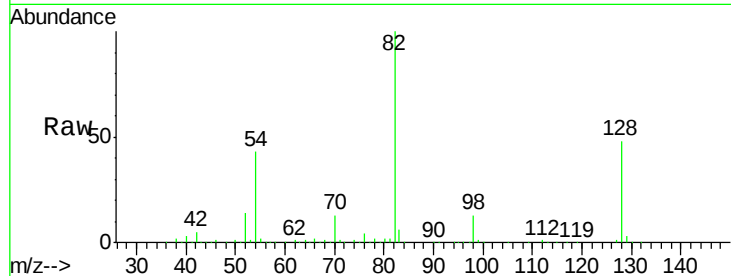




#25
Isophorone
Concen: 33.500 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.26 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

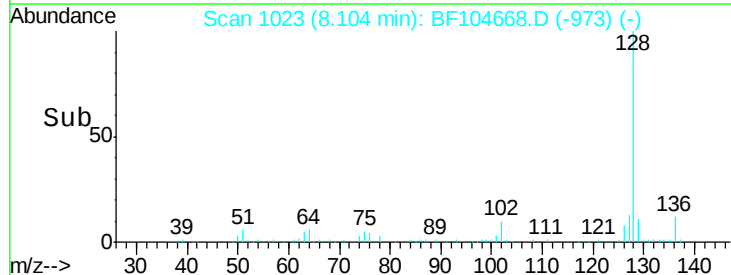
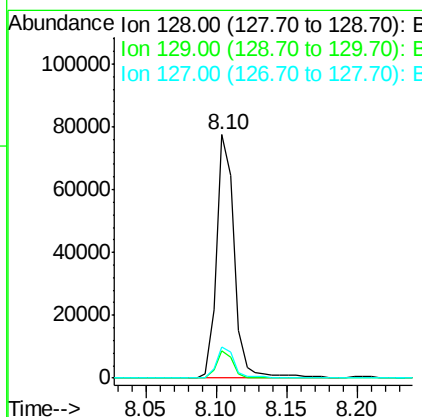
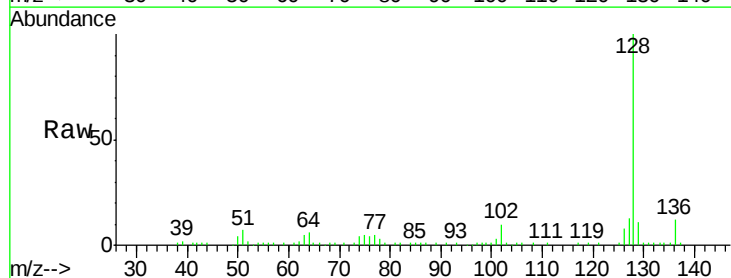
Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-D

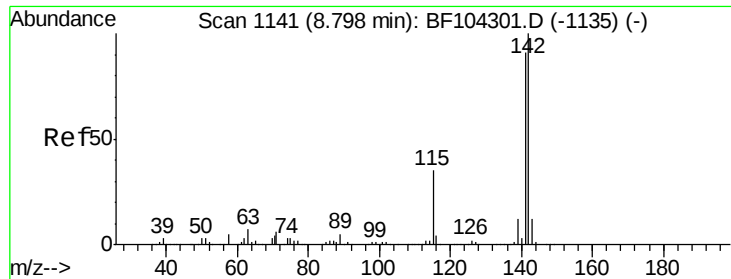
Tot Ion: 82 Resp: 447385
Ion Ratio Lower Upper
82 100
95 0.1 5.2 7.8#
138 0.0 14.9 22.3#



#31
Naphthalene
Concen: 3.313 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Tgt Ion: 128 Resp: 68028
Ion Ratio Lower Upper
128 100
129 11.5 8.8 13.2
127 12.9 10.9 16.3

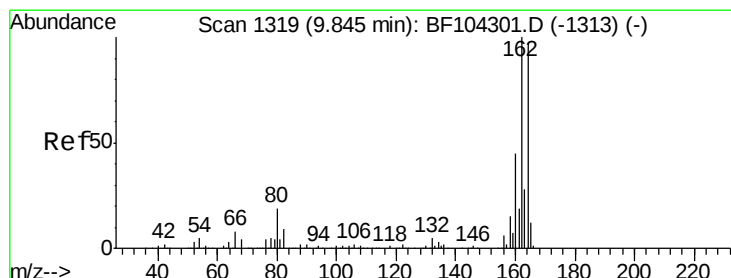
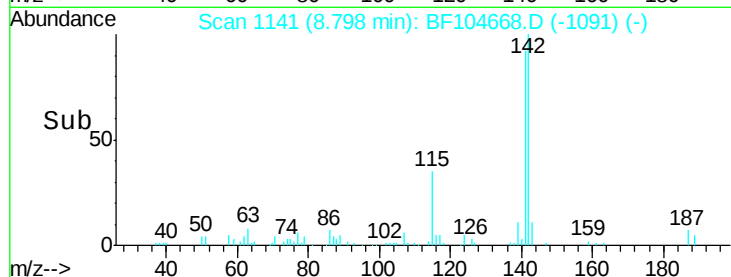
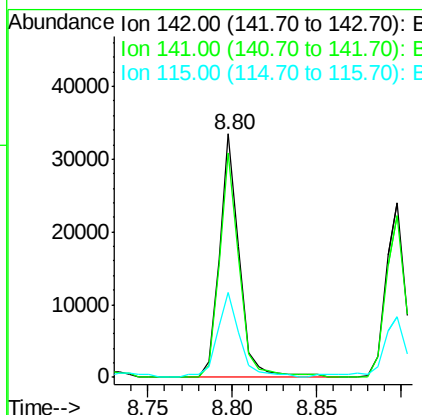
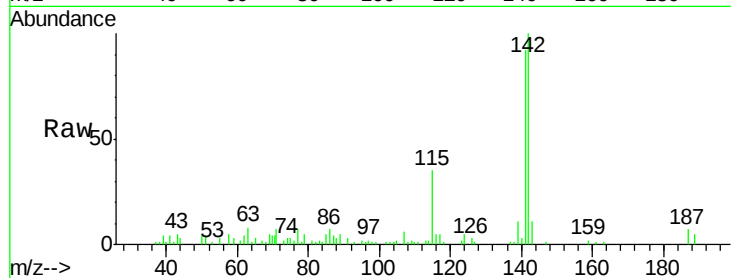




#37
 2-Methylnaphthalene
 Concen: 2.063 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

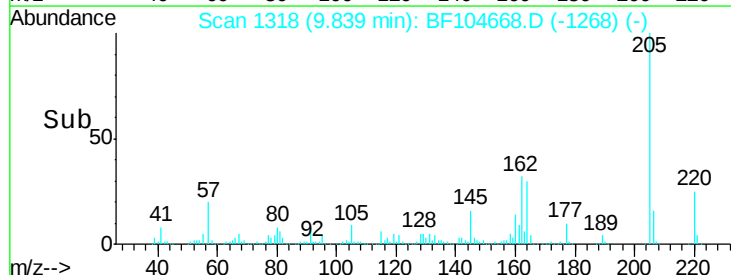
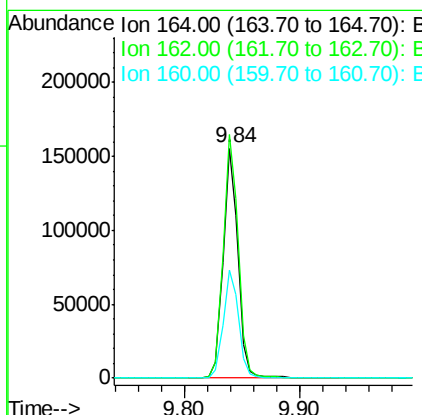
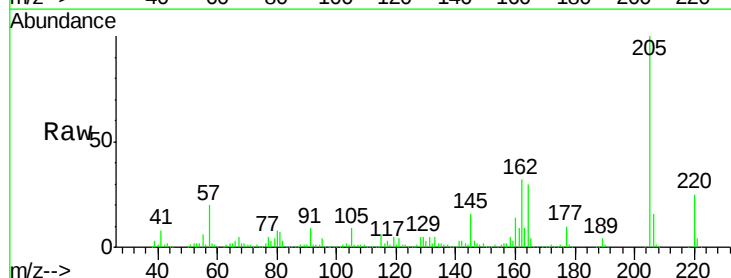
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-D

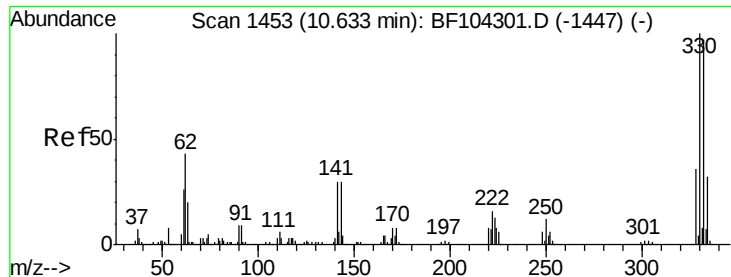
Tot Ion:142 Resp: 27406
 Ion Ratio Lower Upper
 142 100
 141 92.3 70.8 106.2
 115 35.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

Tgt Ion:164 Resp: 138111
 Ion Ratio Lower Upper
 164 100
 162 105.8 86.1 129.1
 160 46.9 38.3 57.5

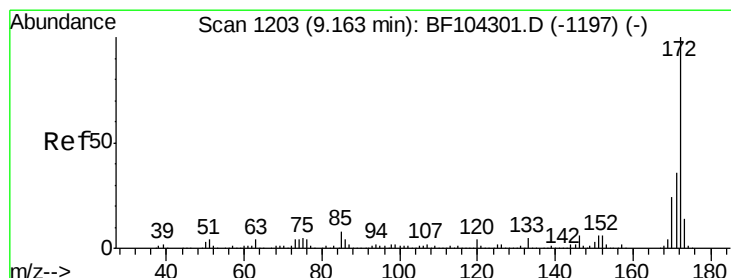
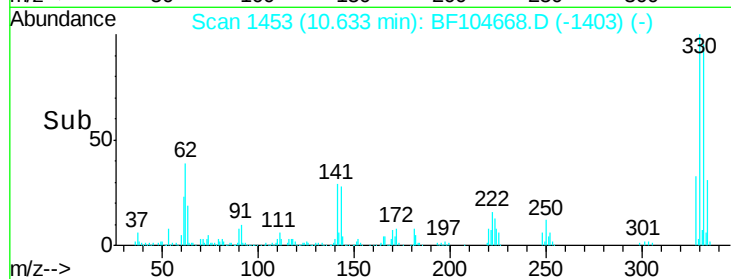
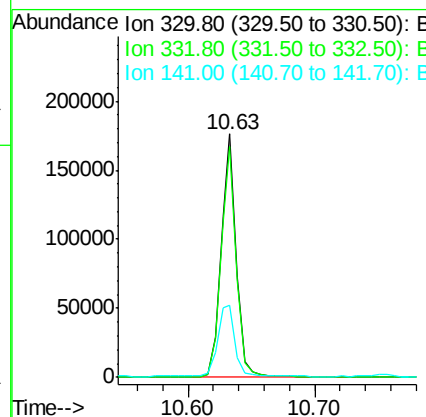
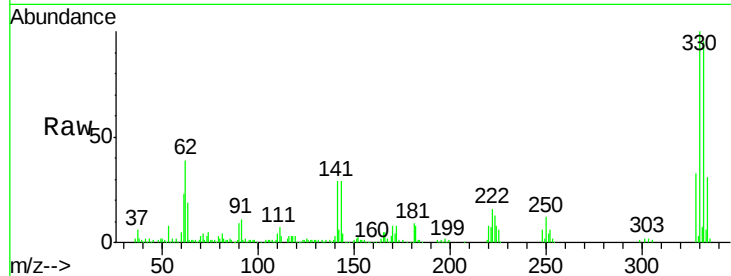




#41
 2,4,6-Tribromophenol
 Concen: 103.447 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

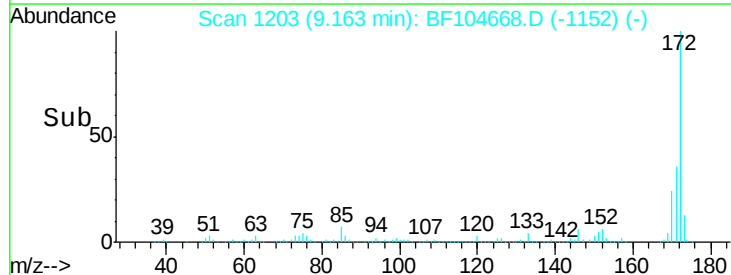
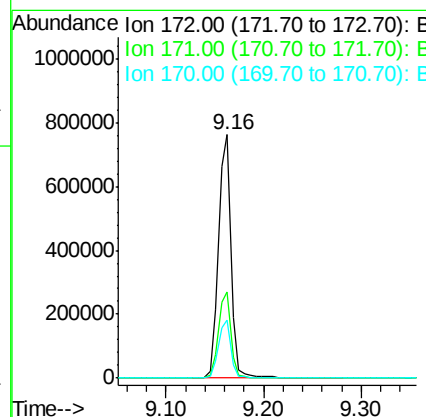
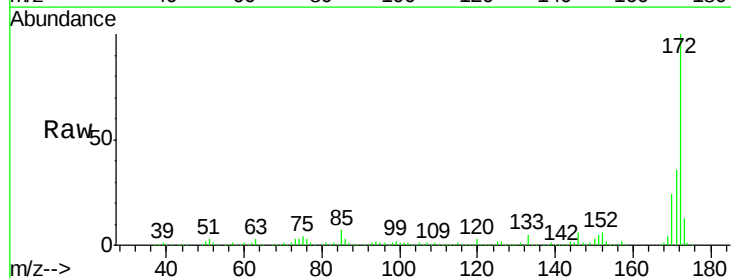
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-D

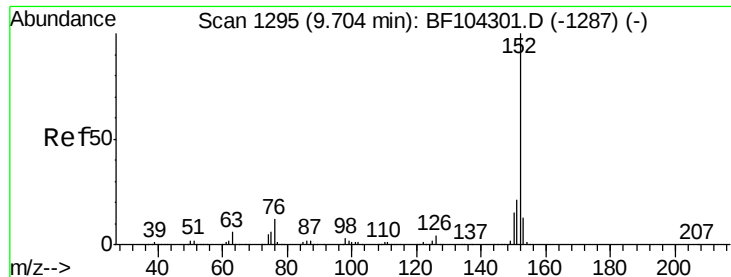
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	33.8	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 78.082 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.7	44.5
170	23.8	19.6	29.4





#48

Acenaphthylene

Concen: 3.782 ng

RT: 9.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

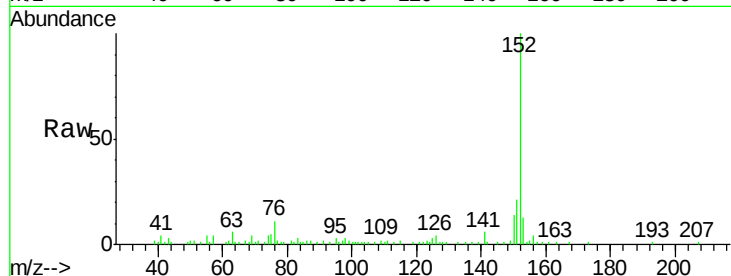
Tot Ion:152 Resp: 54377

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

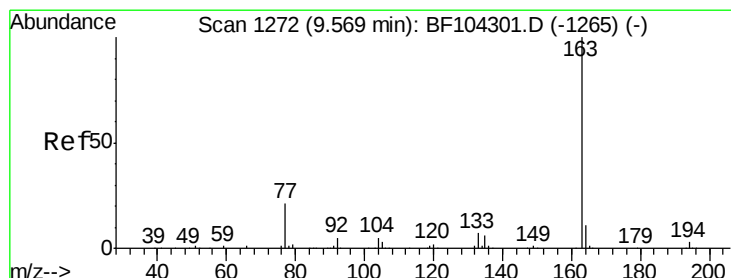
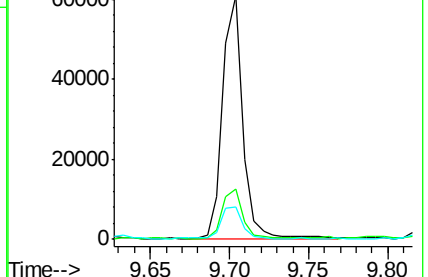
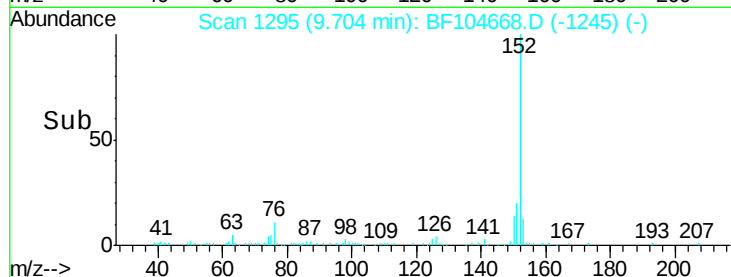
153 13.4 10.7 16.1



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



#49

Dimethylphthalate

Concen: 5.511 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

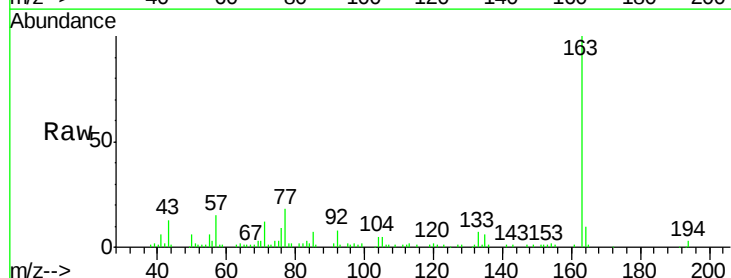
Tgt Ion:163 Resp: 60022

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

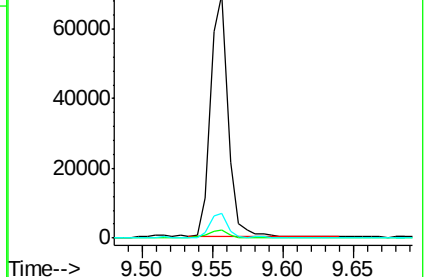
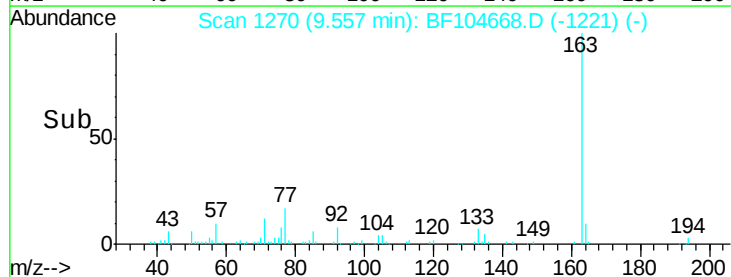
164 10.0 8.2 12.2

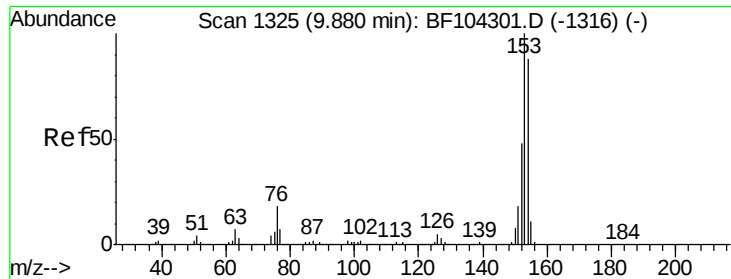


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 6.319 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

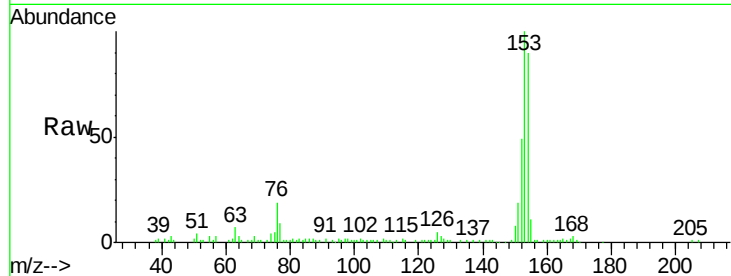
Tot Ion:154 Resp: 55432

Ion Ratio Lower Upper

154 100

153 110.6 91.2 136.8

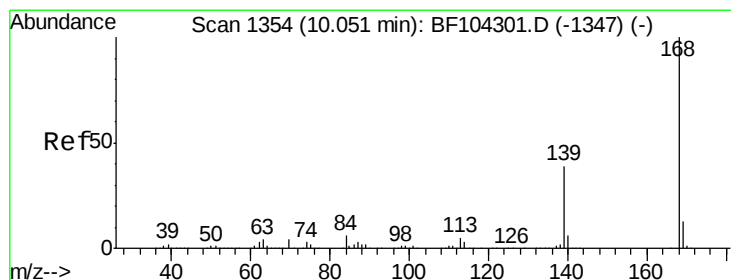
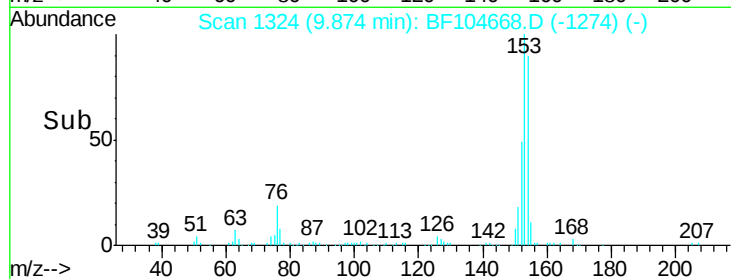
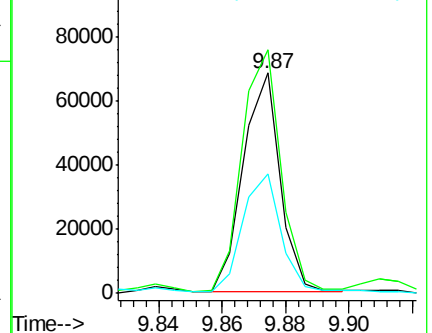
152 54.5 43.8 65.8



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: 4.451 ng

RT: 10.04 min Scan# 1353

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

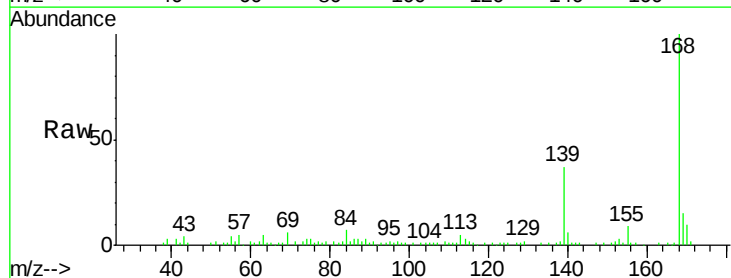
Tgt Ion:168 Resp: 54421

Ion Ratio Lower Upper

168 100

139 37.1 30.1 45.1

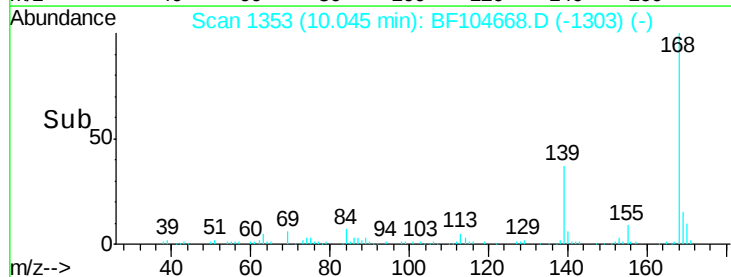
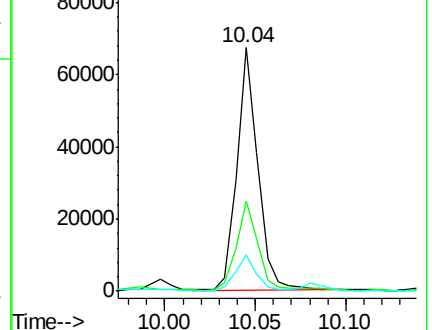
169 14.7 10.9 16.3

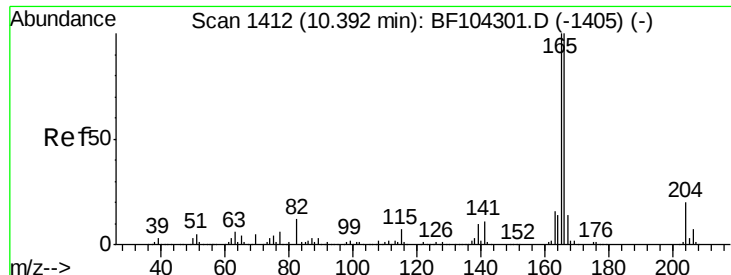


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

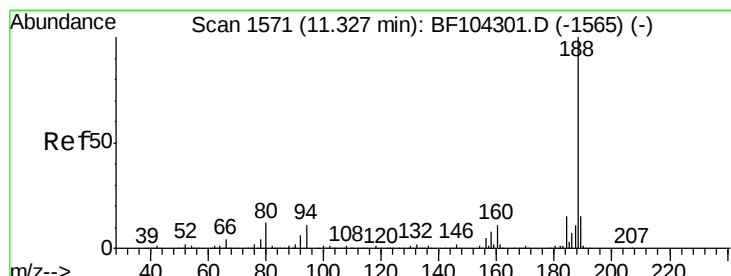
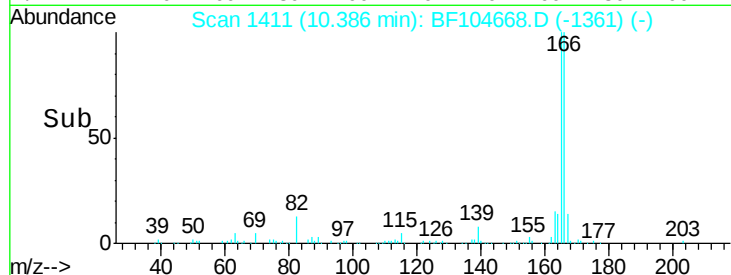
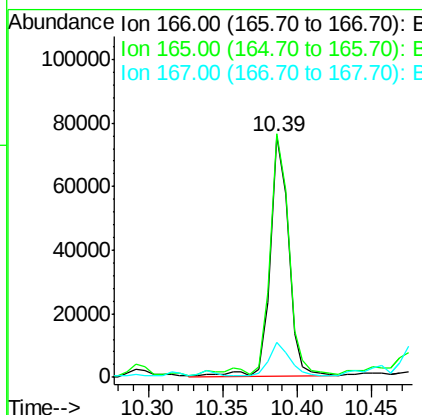
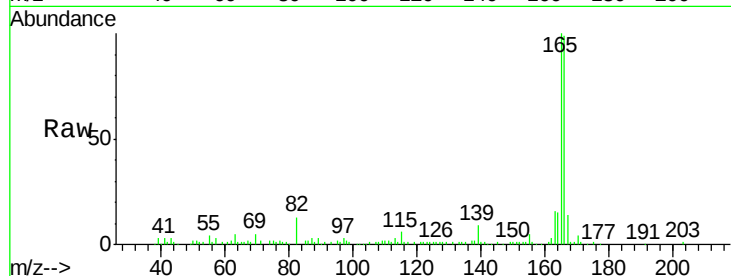




#57
 Fluorene
 Concen: 7.293 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

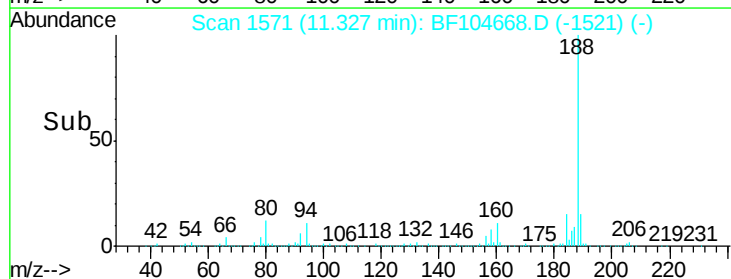
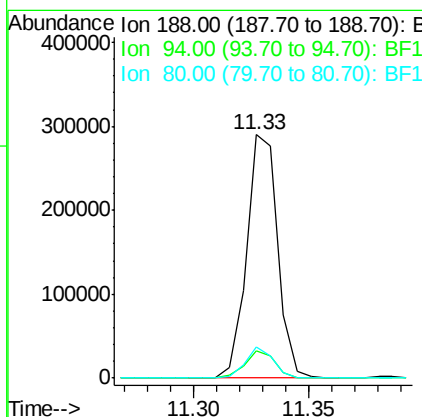
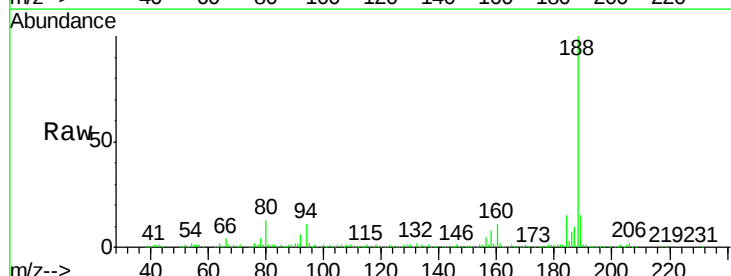
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-D

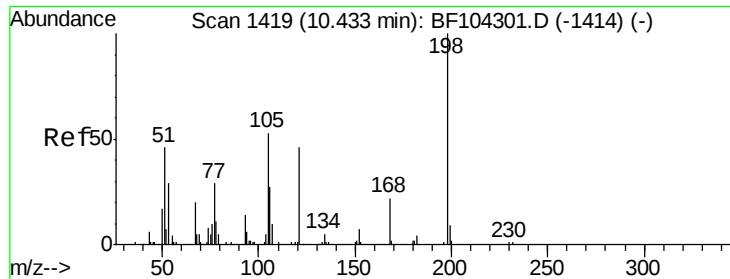
Tot Ion:166 Resp: 64896
 Ion Ratio Lower Upper
 166 100
 165 101.1 79.8 119.8
 167 14.7 10.6 16.0



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

Tgt Ion:188 Resp: 272391
 Ion Ratio Lower Upper
 188 100
 94 11.3 8.5 12.7
 80 12.7 9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 7.577 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.18 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

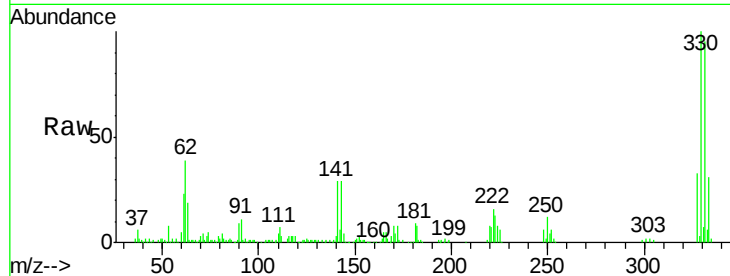
Tot Ion:198 Resp: 360

Ion Ratio Lower Upper

198 100

51 268.5 37.7 77.7#

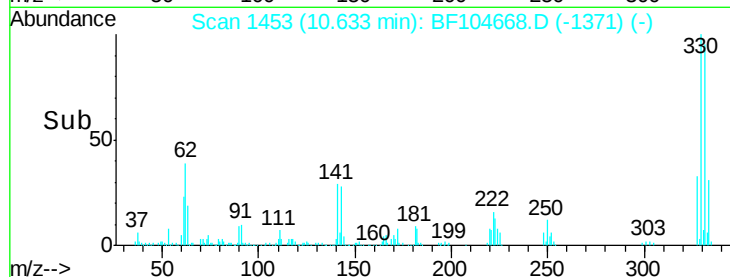
105 272.8 36.3 76.3#



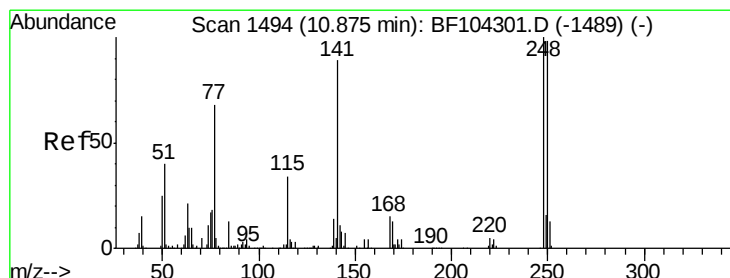
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.166 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.24 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

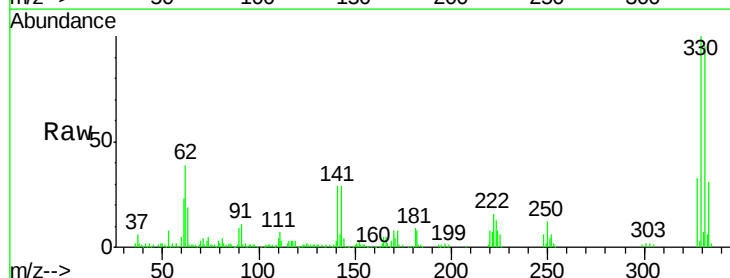
Tgt Ion:248 Resp: 9174

Ion Ratio Lower Upper

248 100

250 200.9 76.9 115.3#

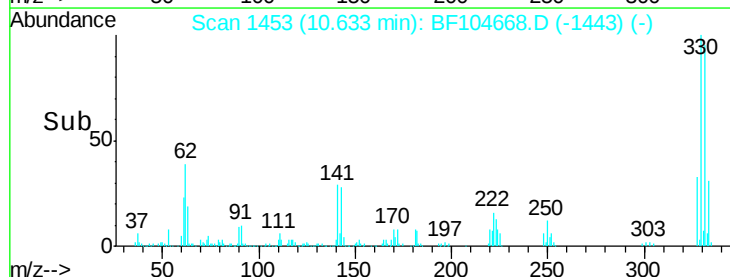
141 486.6 74.4 111.6#



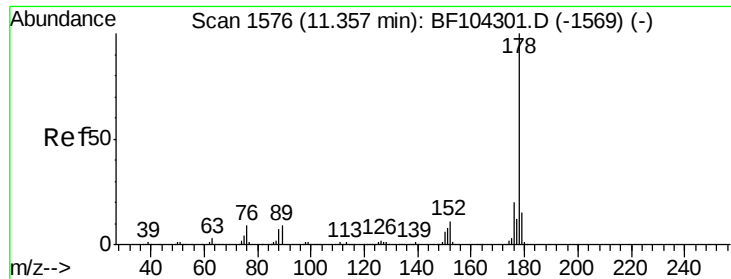
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->



#70

Phenanthrene

Concen: 40.735 ng

RT: 11.36 min Scan# 1576

Delta R.T. -0.00 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

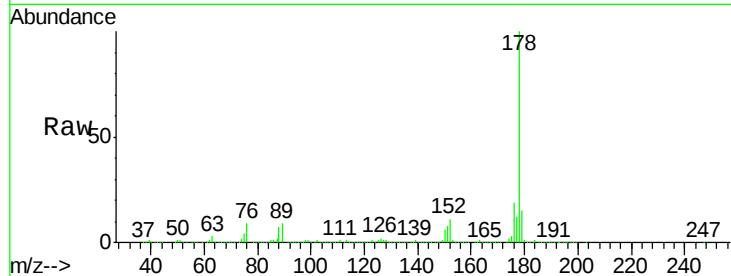
Tot Ion:178 Resp: 617917

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

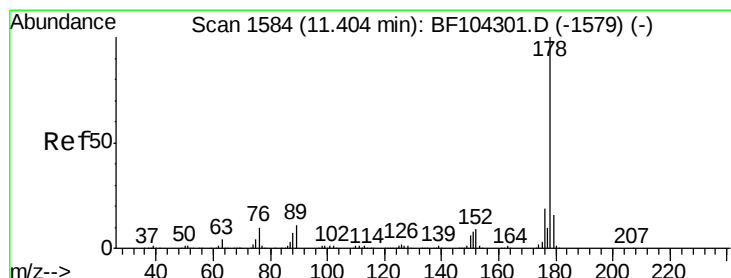
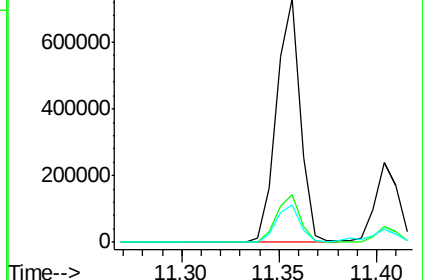
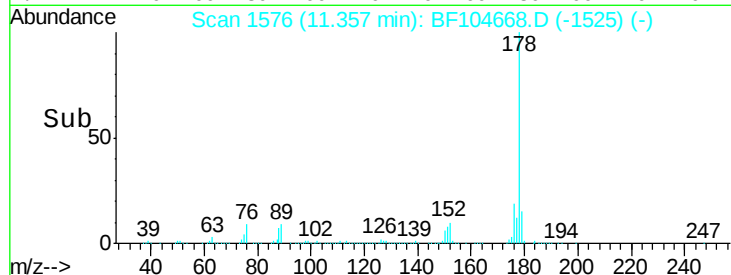
179 15.3 13.0 19.6



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: 12.307 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

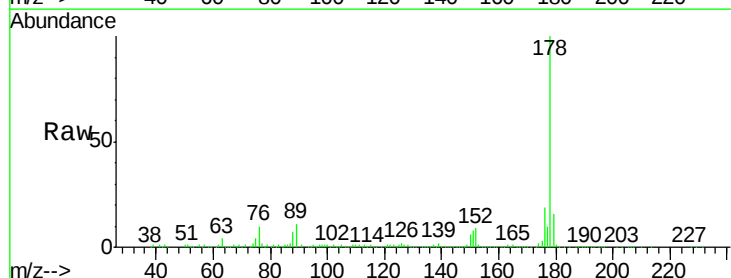
Tgt Ion:178 Resp: 189768

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

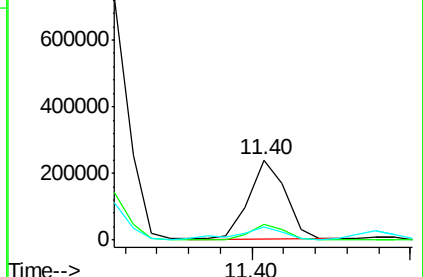
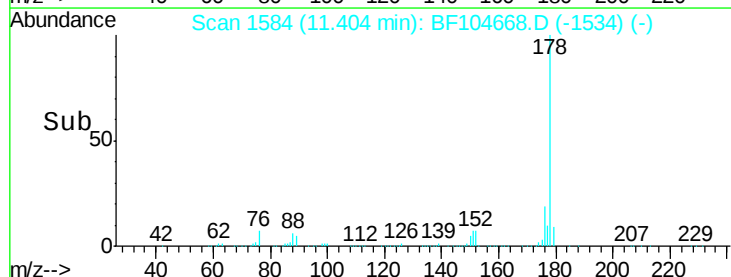
179 15.9 12.6 19.0

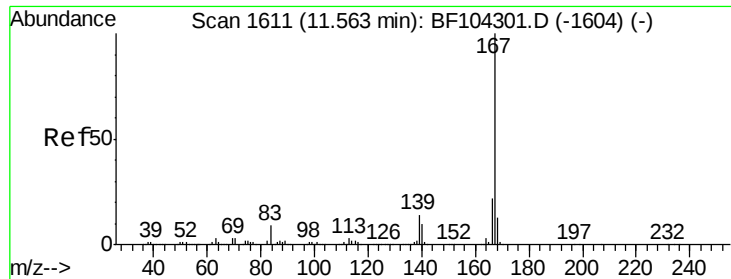


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 5.632 ng

RT: 11.56 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

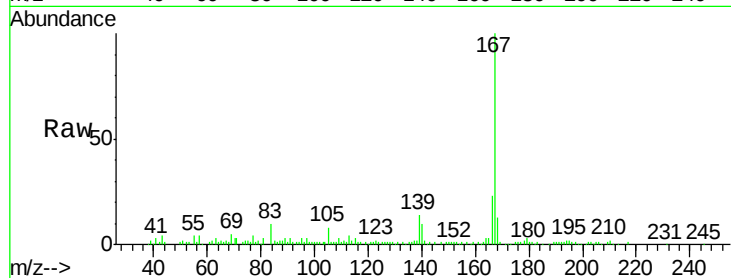
Tot Ion:167 Resp: 84865

Ion Ratio Lower Upper

167 100

166 22.5 17.6 26.4

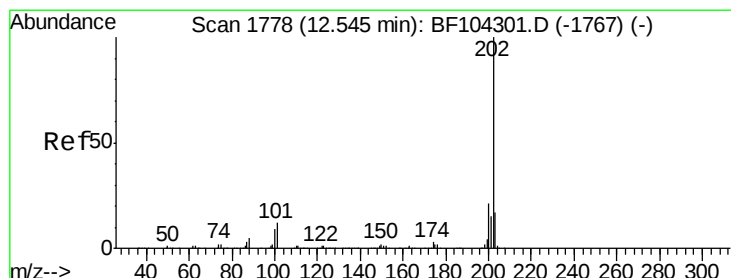
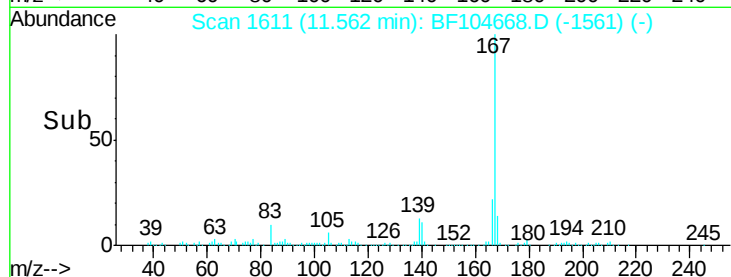
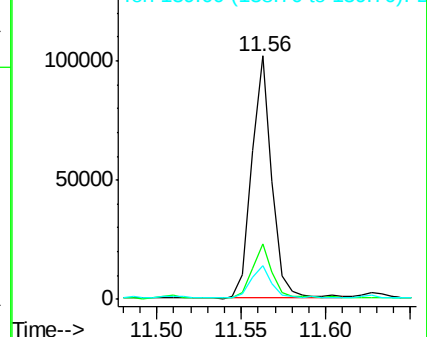
139 13.8 10.9 16.3



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: 61.512 ng

RT: 12.55 min Scan# 1779

Delta R.T. 0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

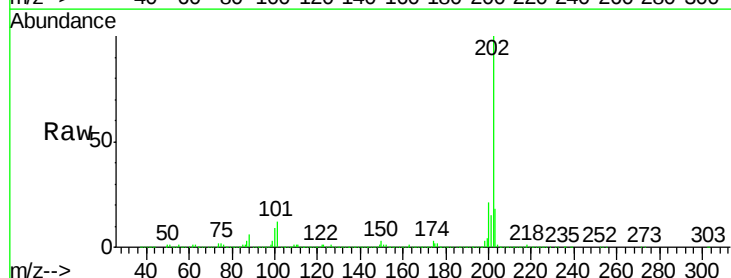
Tgt Ion:202 Resp: 974903

Ion Ratio Lower Upper

202 100

101 12.2 0.0 34.1

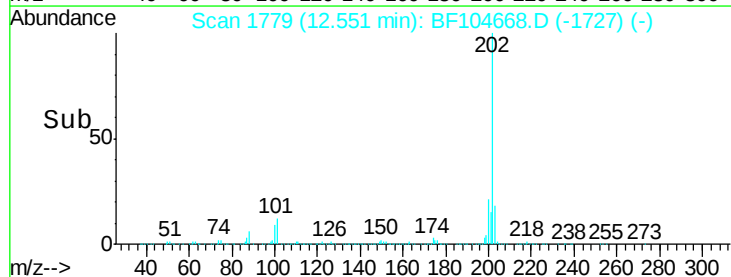
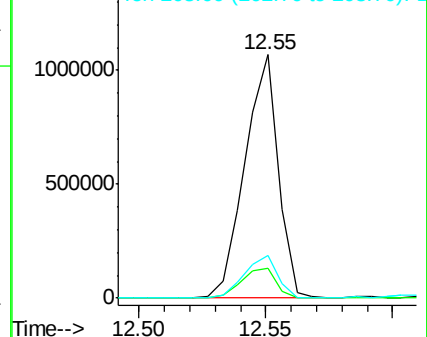
203 17.7 0.0 38.1

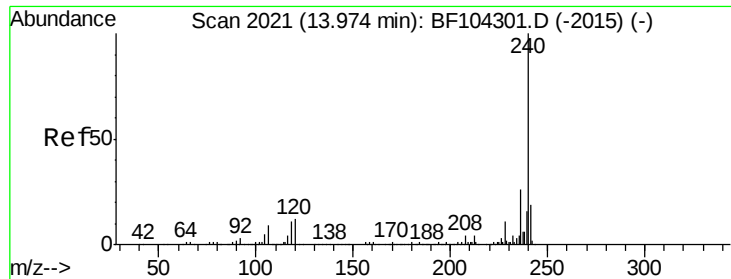


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

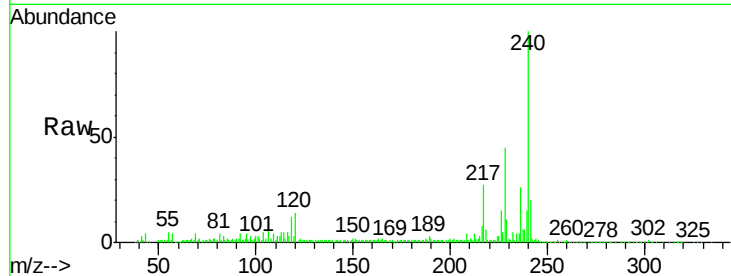
Tot Ion:240 Resp: 246205

Ion Ratio Lower Upper

240 100

120 14.2 9.5 14.3

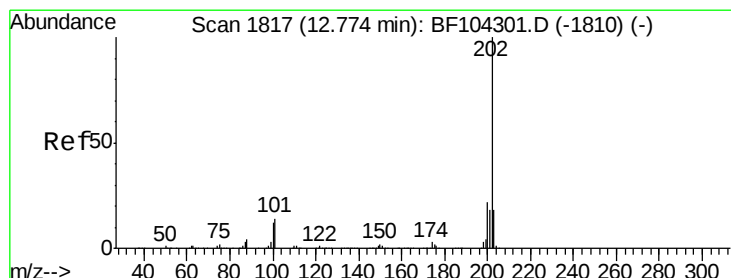
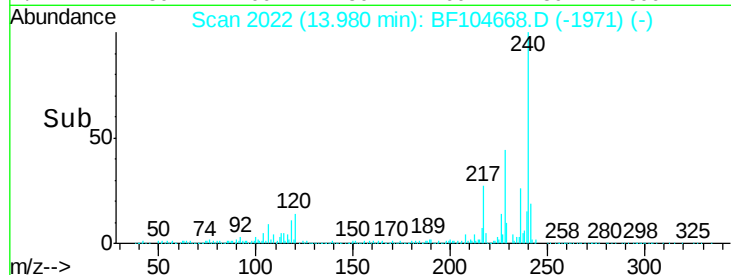
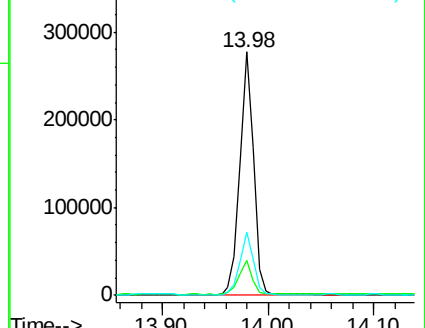
236 26.2 20.7 31.1



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: 48.989 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

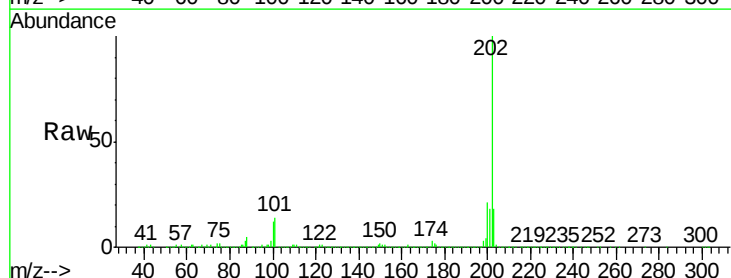
Tgt Ion:202 Resp: 894020

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

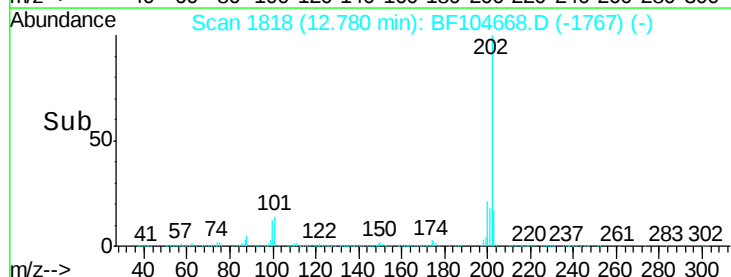
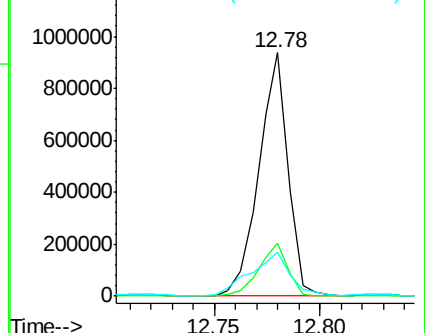
203 18.0 14.3 21.5

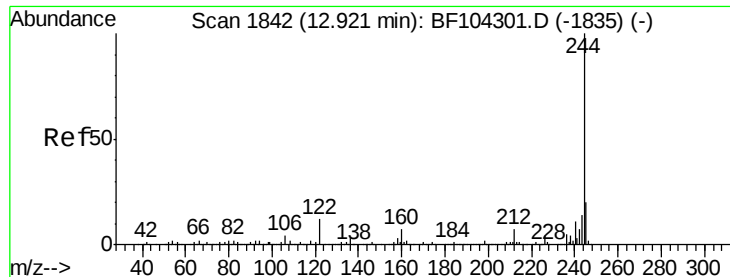


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

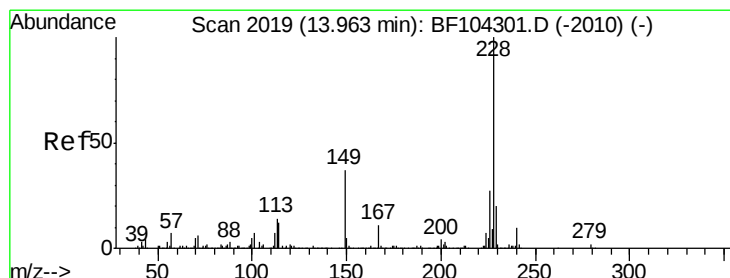
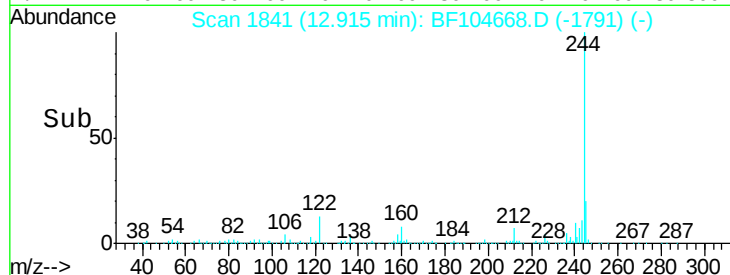
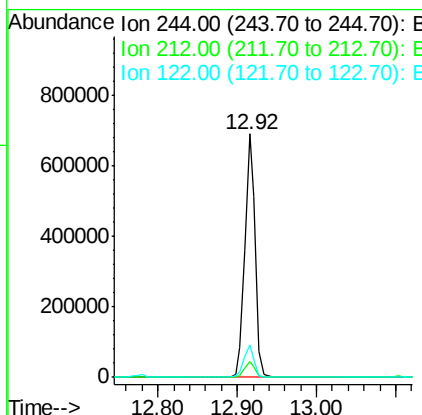
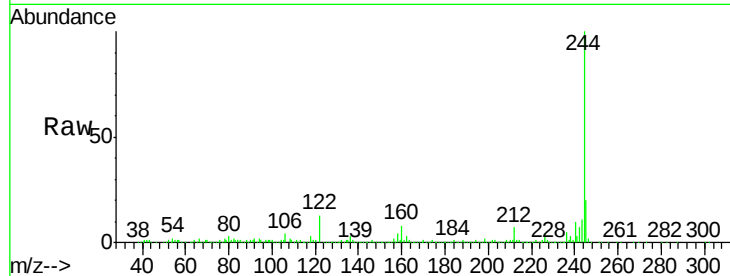




#78
 Terphenyl-d14
 Concen: 57.756 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. -0.01 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

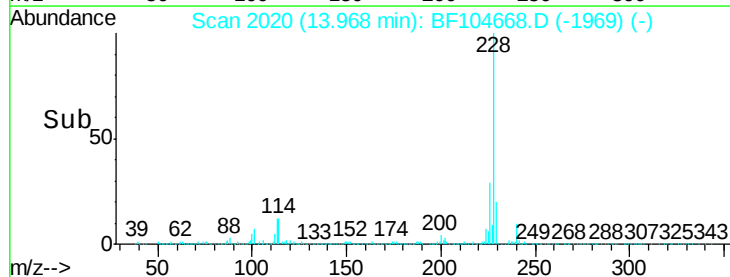
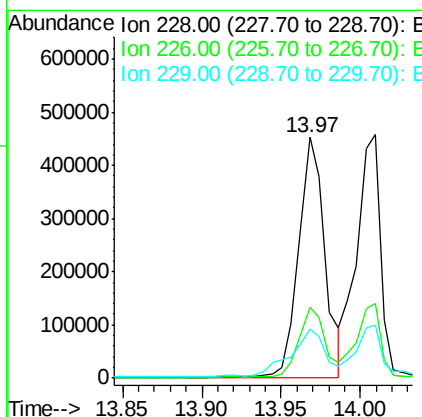
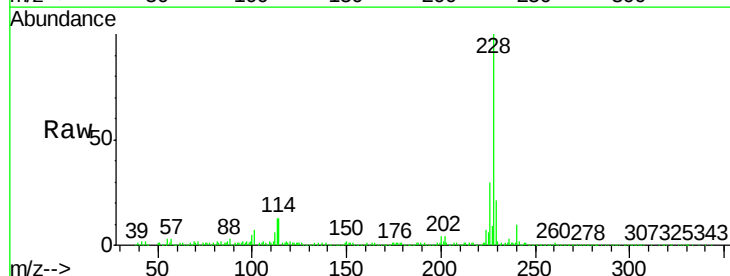
Instrument :
 BNA_F
 ClientSampleId :
 SPOILS-ICTF-D

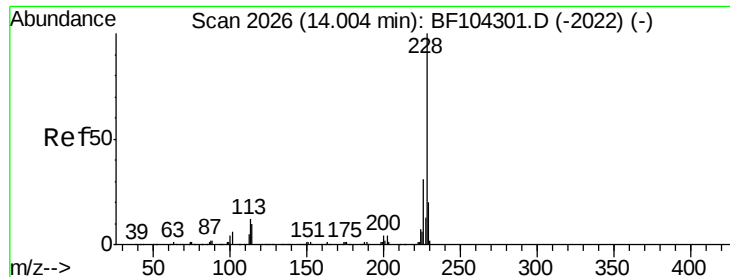
Tot Ion:244 Resp: 623723
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 13.4 11.0 16.4



#80
 Benzo(a)anthracene
 Concen: 35.323 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.00 min
 Lab File: BF104668.D
 Acq: 20 Apr 2018 12:34

Tgt Ion:228 Resp: 519543
 Ion Ratio Lower Upper
 228 100
 226 29.7 22.6 33.8
 229 20.6 15.8 23.6

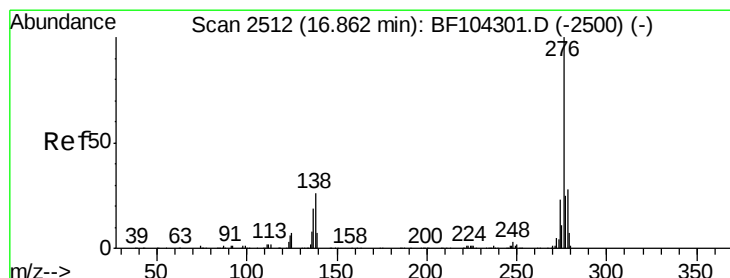
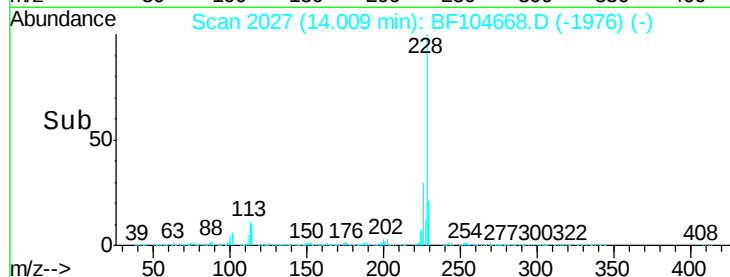
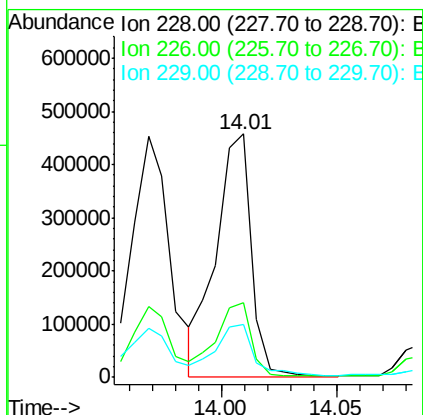
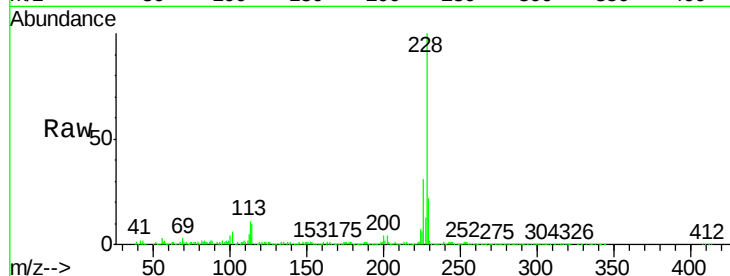




#82
Chrysene
Concen: 32.091 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

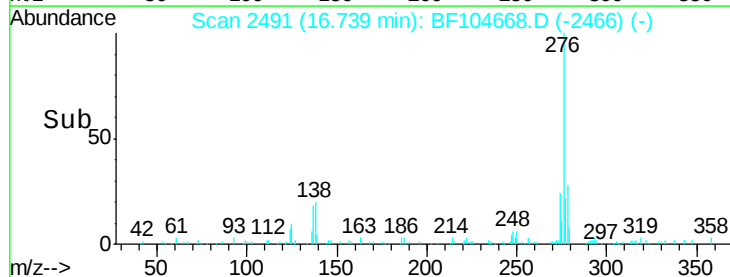
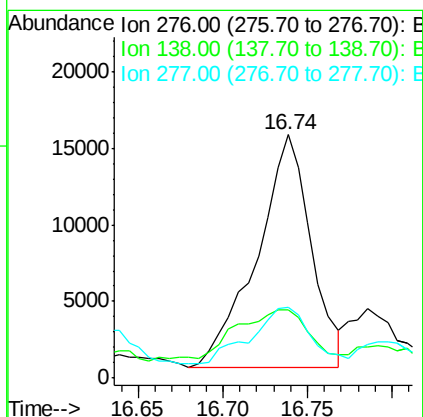
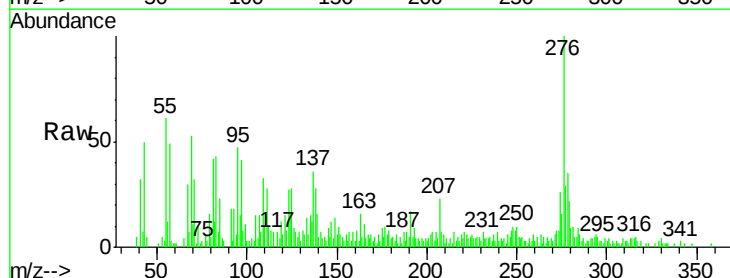
Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-D

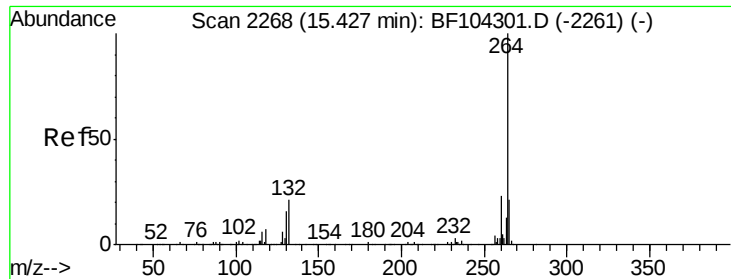
Tot Ion:228 Resp: 484822
Ion Ratio Lower Upper
228 100
226 30.8 25.0 37.6
229 21.7 16.2 24.4



#85
Indeno(1,2,3-cd)pyrene
Concen: 2.637 ng
RT: 16.74 min Scan# 2491
Delta R.T. -0.15 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Tgt Ion:276 Resp: 33846
Ion Ratio Lower Upper
276 100
138 30.0 25.0 37.6
277 26.8 20.1 30.1

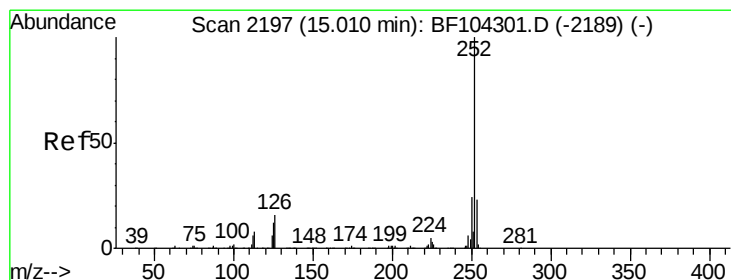
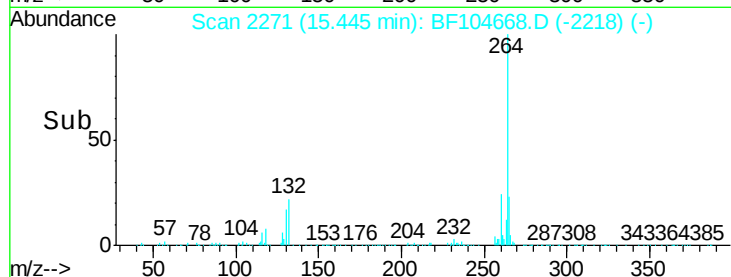
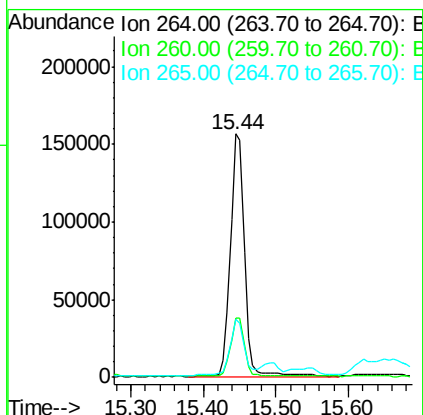
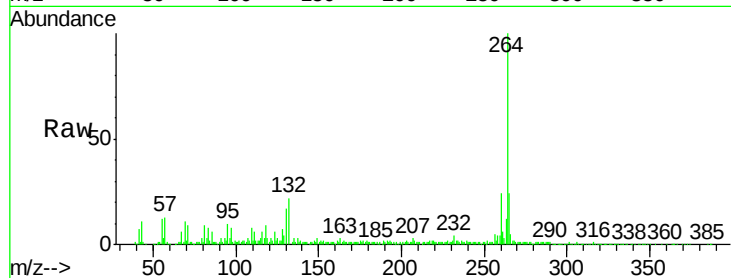




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.01 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

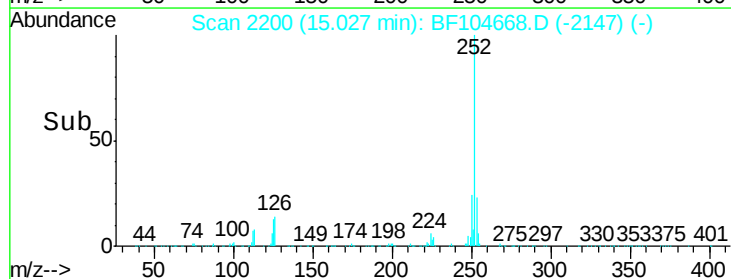
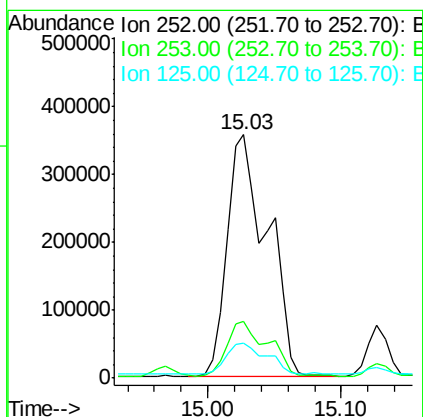
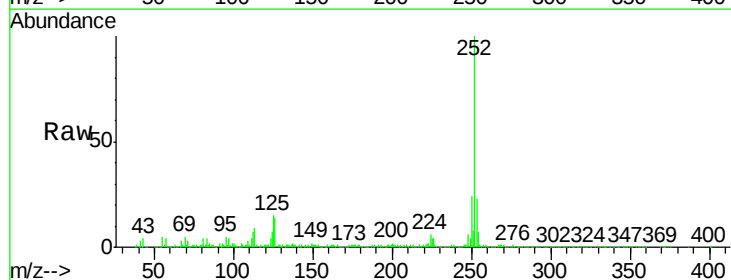
Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-D

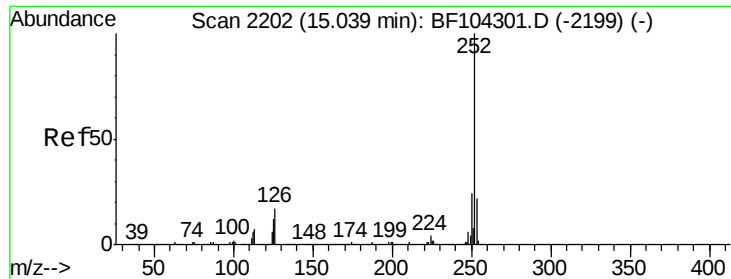
Tot Ion:264 Resp: 211776
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 24.0 17.5 26.3



#87
Benzo(b)fluoranthene
Concen: 56.445 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Tgt Ion:252 Resp: 754978
Ion Ratio Lower Upper
252 100
253 23.3 17.0 25.6
125 14.6 9.0 13.6#

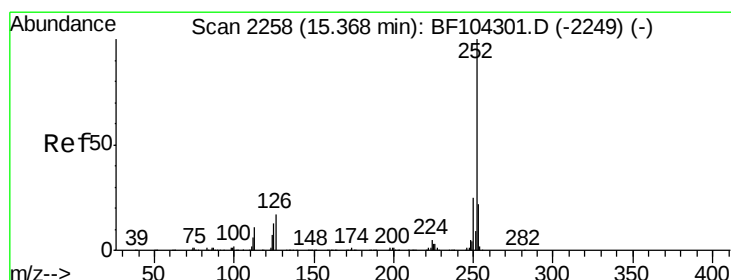
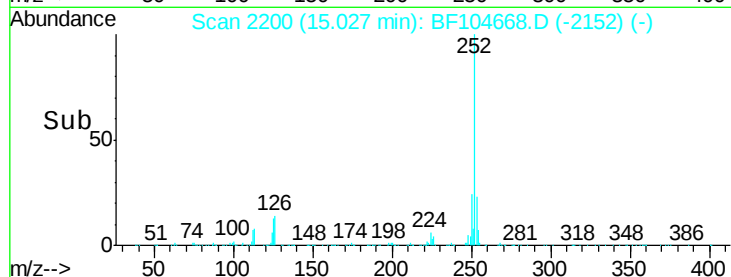
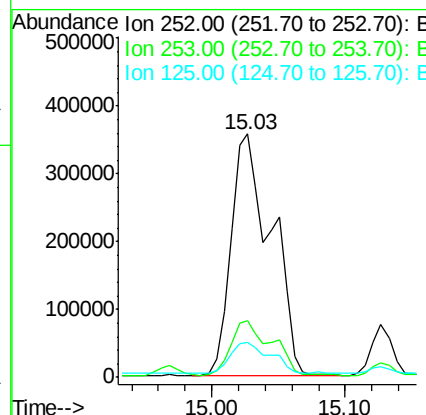
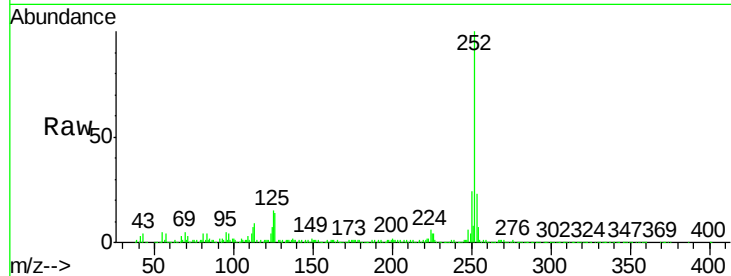




#88
Benzo(k)fluoranthene
Concen: 59.788 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.02 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

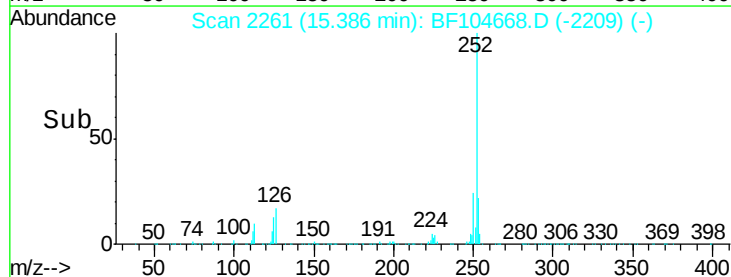
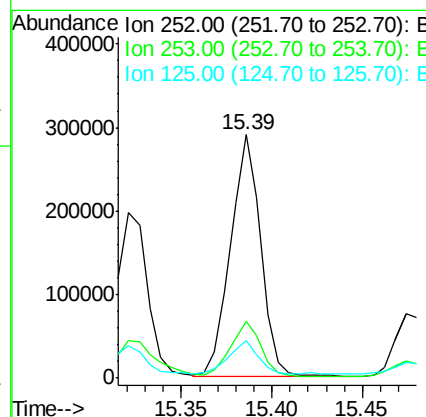
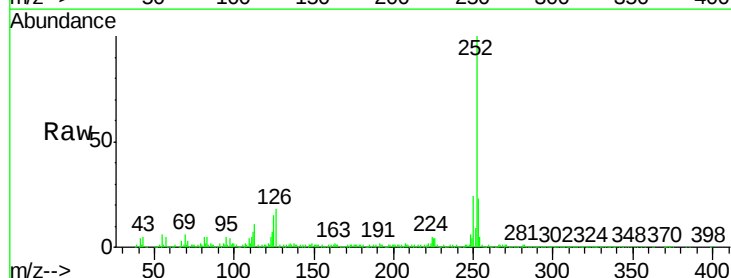
Instrument :
BNA_F
ClientSampleId :
SPOILS-ICTF-D

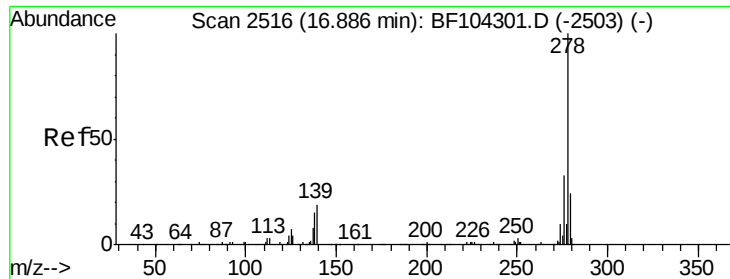
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.9	26.9
125	14.6	10.2	15.2



#89
Benzo(a)pyrene
Concen: 28.036 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.01 min
Lab File: BF104668.D
Acq: 20 Apr 2018 12:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	15.2	9.8	14.6





#90

Dibenzo(a,h)anthracene

Concen: 5.495 ng

RT: 16.91 min Scan# 2520

Delta R.T. -0.00 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

Instrument :

BNA_F

ClientSampleId :

SPOILS-ICTF-D

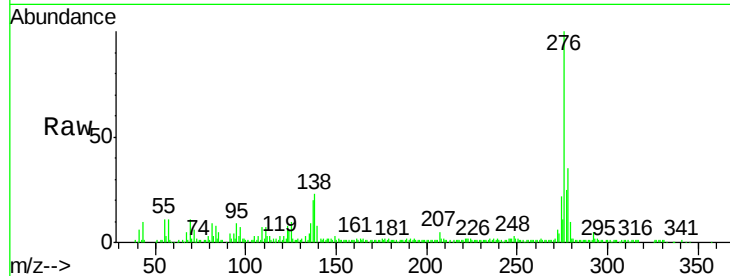
Tot Ion:278 Resp: 54012

Ion Ratio Lower Upper

278 100

139 23.5 15.9 23.9

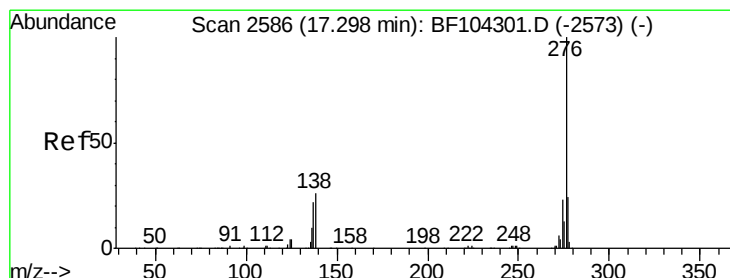
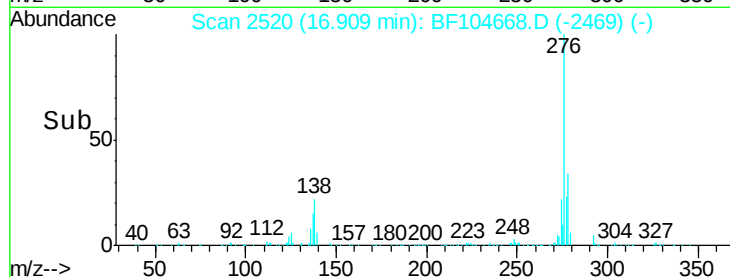
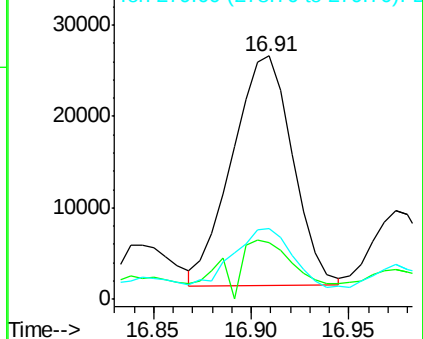
279 29.1 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 18.588 ng

RT: 17.34 min Scan# 2593

Delta R.T. 0.01 min

Lab File: BF104668.D

Acq: 20 Apr 2018 12:34

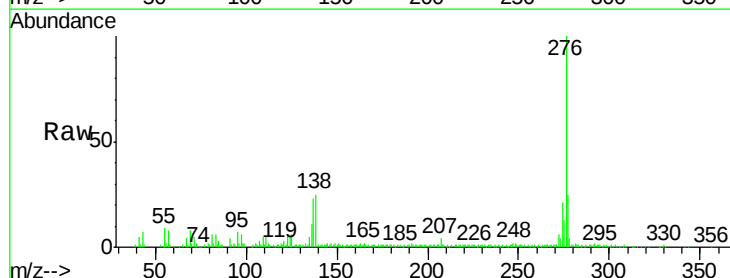
Tgt Ion:276 Resp: 177012

Ion Ratio Lower Upper

276 100

277 24.6 17.9 26.9

138 24.9 21.8 32.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

