

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF103018\
 Data File : BF110302.D
 Acq On : 30 Oct 2018 14:54
 Operator : JU/SJ
 Sample : J5724-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Quant Time: Oct 31 04:30:40 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 29 17:29:00 2018
 Response via : Initial Calibration

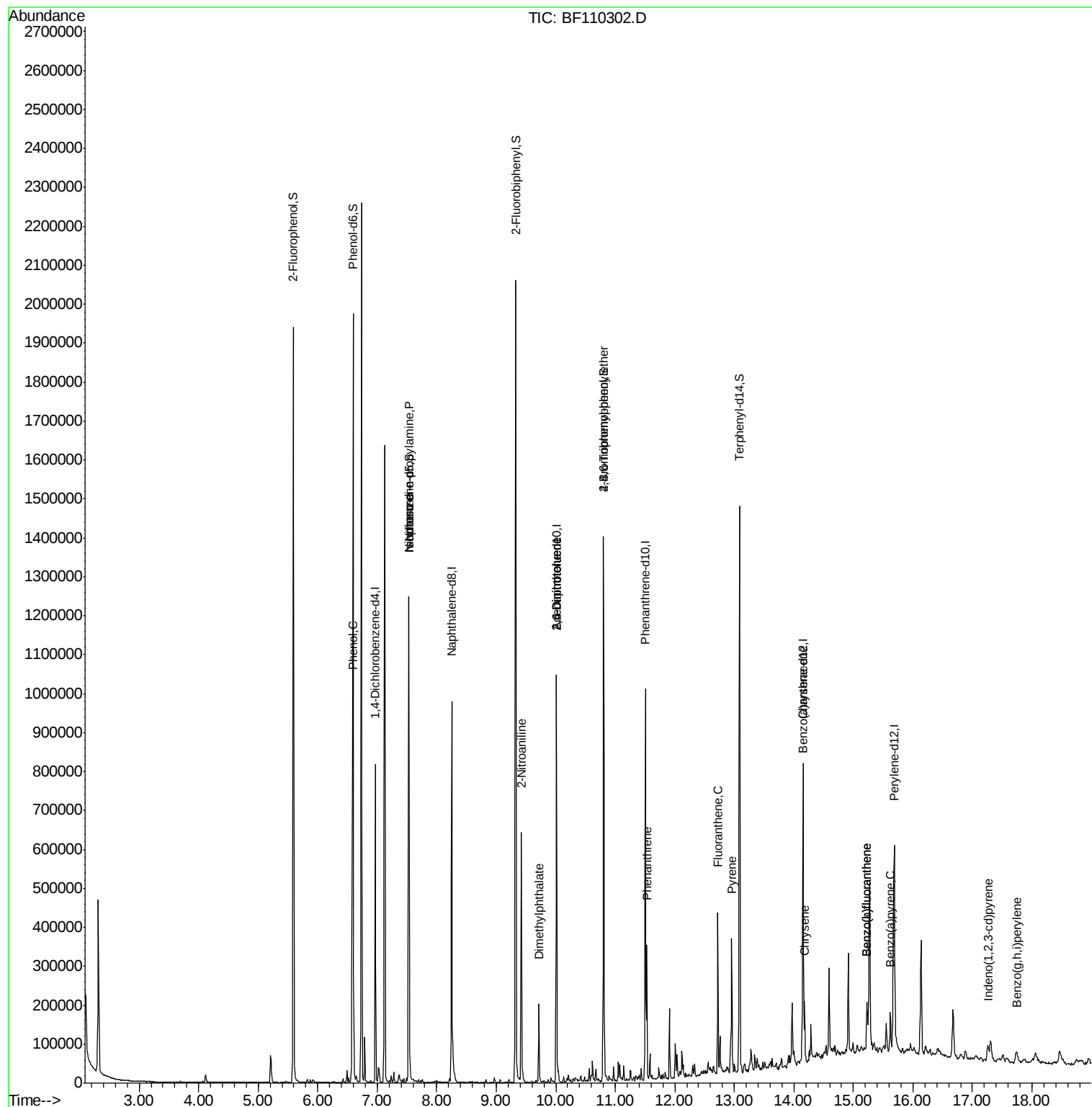
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	111233	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	465138	20.00	ng	0.00
39) Acenaphthene-d10	10.01	164	217484	20.00	ng	0.00
64) Phenanthrene-d10	11.50	188	373466	20.00	ng	0.00
76) Chrysene-d12	14.16	240	231421	20.00	ng	0.00
87) Perylene-d12	15.69	264	210896	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	550773	80.63	ng	0.00
7) Phenol-d6	6.59	99	686252	78.55	ng	0.00
23) Nitrobenzene-d5	7.53	82	438581	55.93	ng	0.00
42) 2,4,6-Tribromophenol	10.80	330	158182	73.43	ng	0.00
45) 2-Fluorobiphenyl	9.33	172	686420	49.56	ng	0.00
79) Terphenyl-d14	13.09	244	461089	41.44	ng	0.00
Target Compounds						
10) Phenol	6.60	94	51266	5.489	ng	# 61
19) n-Nitroso-di-n-propylamine	7.53	70	59434	10.604	ng	# 77
25) Isophorone	7.53	82	438579	32.809	ng	# 67
48) 2-Nitroaniline	9.42	65	10710	2.450	ng	# 16
50) Dimethylphthalate	9.72	163	81786	5.094	ng	99
51) 2,6-Dinitrotoluene	10.01	165	27964	8.086	ng	# 23
57) 2,4-Dinitrotoluene	10.01	165	27965	6.367	ng	# 19
67) 4-Bromophenyl-phenylether	10.80	248	10162	2.509	ng	# 1
71) Phenanthrene	11.53	178	115125	5.891	ng	99
75) Fluoranthene	12.72	202	167134	8.427	ng	99
77) Benzidine	13.09	184	5953	Below Cal		100
78) Pyrene	12.96	202	146342	8.821	ng	99
81) Benzo(a)anthracene	14.14	228	58434	4.258	ng	97
83) Chrysene	14.18	228	59329	4.552	ng	97
86) Indeno(1,2,3-cd)pyrene	17.26	276	25296	2.339	ng	# 91
88) Benzo(b)fluoranthene	15.23	252	88004	7.226	ng	98
89) Benzo(k)fluoranthene	15.23	252	88004	7.350	ng	# 97
90) Benzo(a)pyrene	15.62	252	45017	4.017	ng	97
92) Benzo(g,h,i)perylene	17.74	276	24023	2.521	ng	# 89

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

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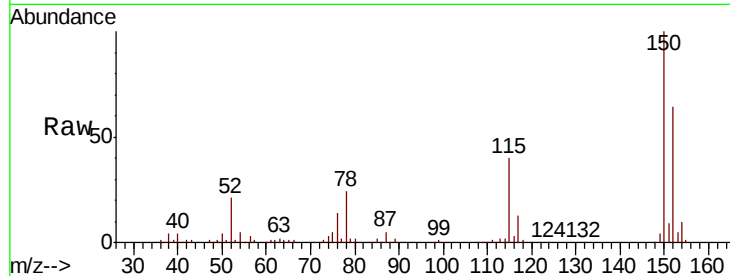


#1

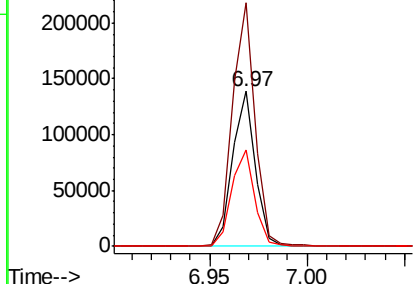
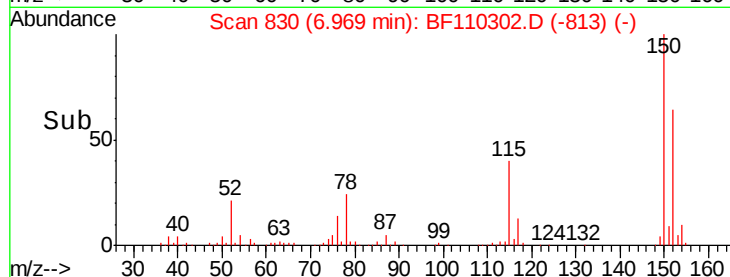
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:152 Resp: 111233
Ion Ratio Lower Upper
152 100
150 157.4 122.7 184.1
115 62.2 49.1 73.7



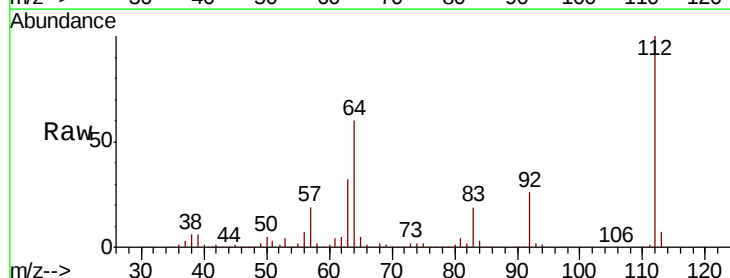
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



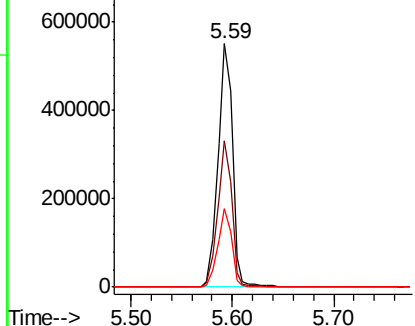
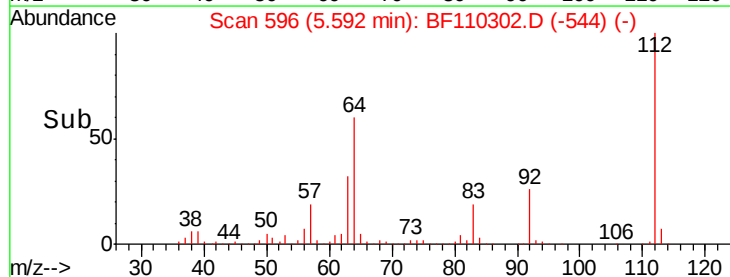
#5

2-Fluorophenol
Concen: 80.633 ng
RT: 5.59 min Scan# 596
Delta R.T. 0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:112 Resp: 550773
Ion Ratio Lower Upper
112 100
64 60.2 44.1 66.1
63 32.2 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: 78.547 ng

RT: 6.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

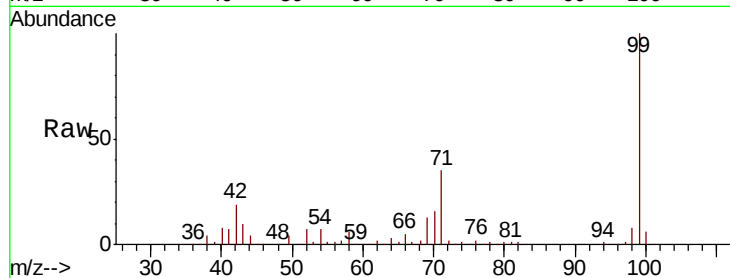
Tgt Ion: 99 Resp: 686252

Ion Ratio Lower Upper

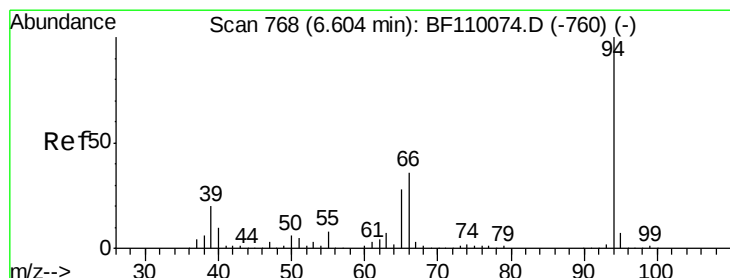
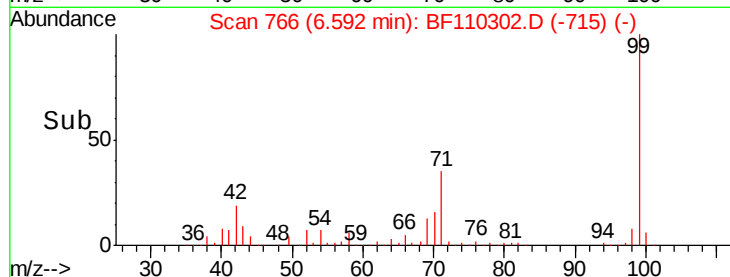
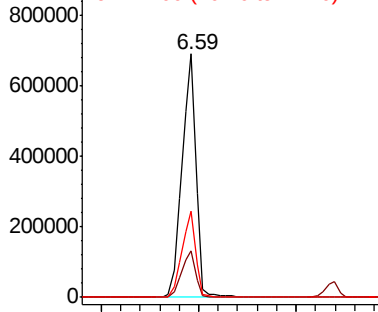
99 100

42 18.9 15.8 23.6

71 35.3 28.0 42.0



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



#10

Phenol

Concen: 5.489 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

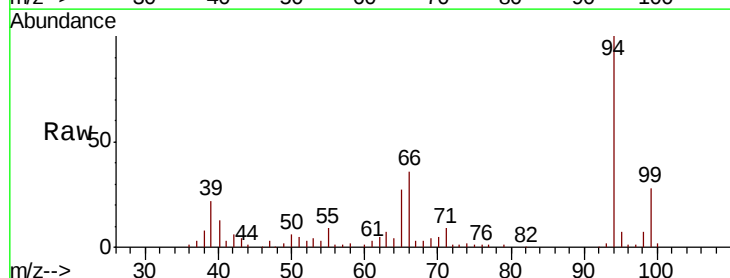
Tgt Ion: 94 Resp: 51266

Ion Ratio Lower Upper

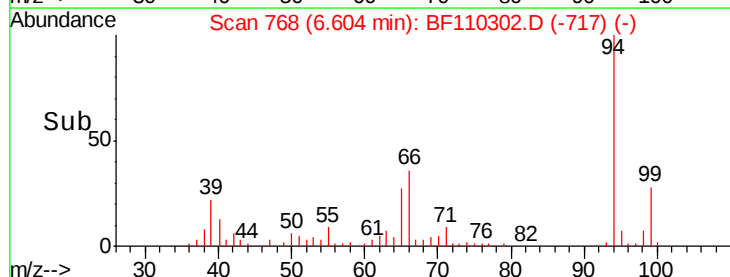
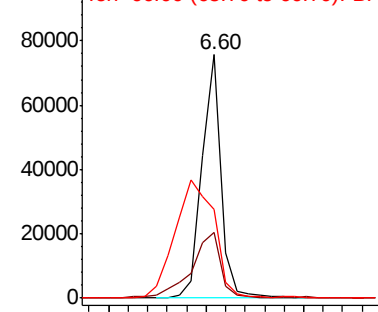
94 100

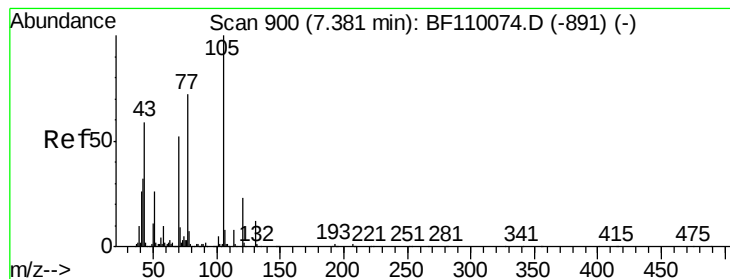
65 27.1 25.3 65.3

66 36.2 54.5 94.5#



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: 10.604 ng

RT: 7.53 min Scan# 926

Delta R.T. 0.16 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 70 Resp: 59434

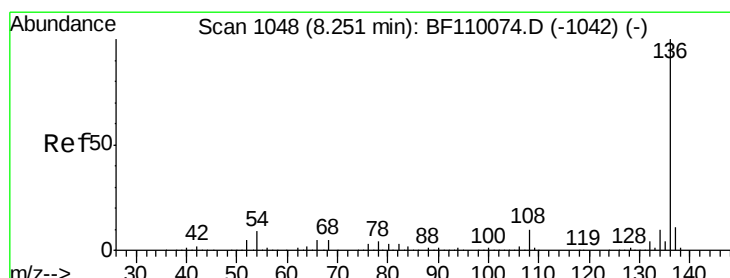
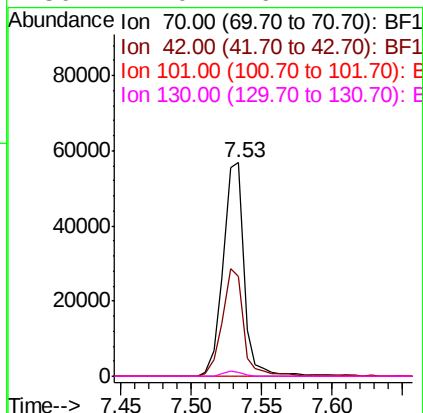
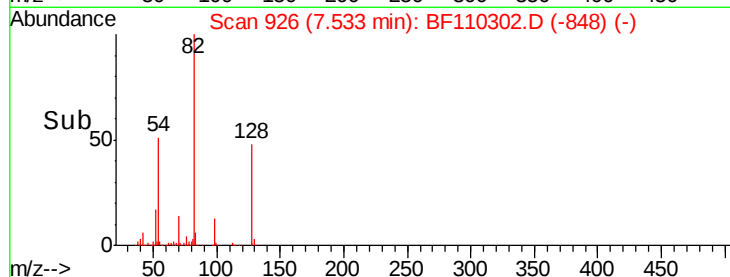
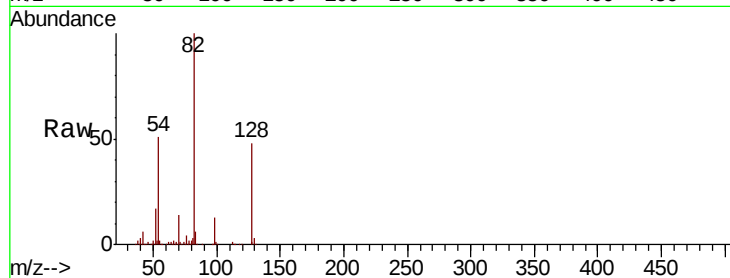
Ion Ratio Lower Upper

70 100

42 46.8 47.4 71.2#

101 0.0 7.3 10.9#

130 2.0 16.2 24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.25 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Tgt Ion: 136 Resp: 465138

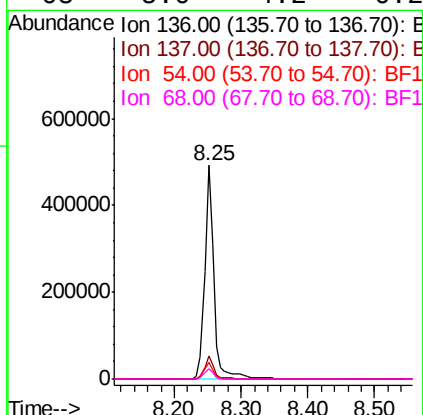
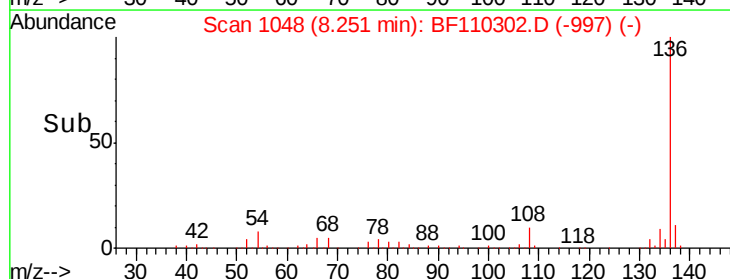
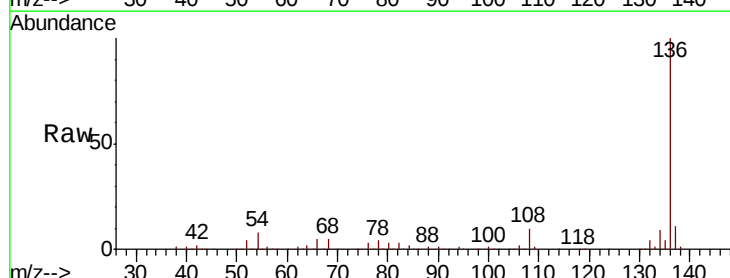
Ion Ratio Lower Upper

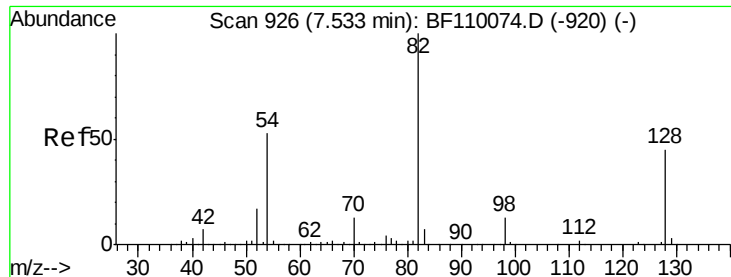
136 100

137 10.8 8.8 13.2

54 7.9 5.4 8.2

68 5.0 4.2 6.2

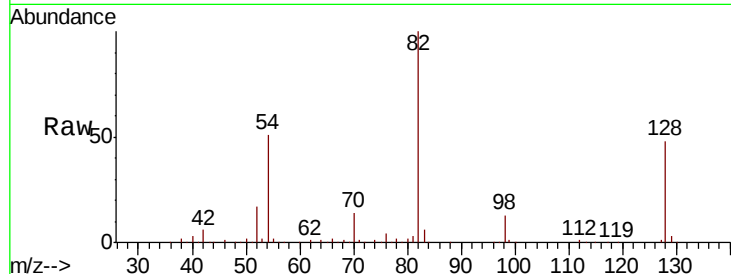




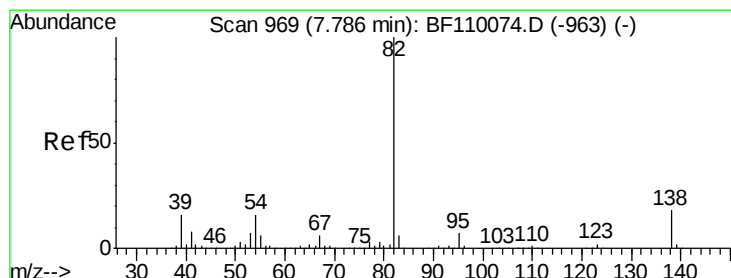
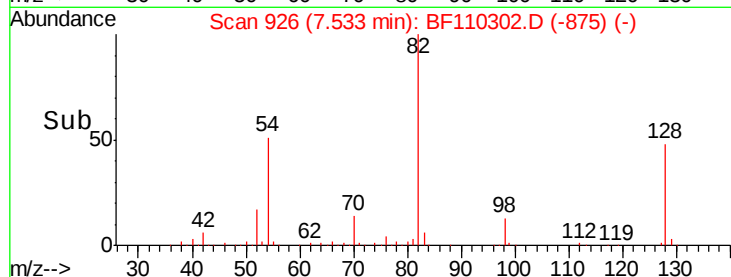
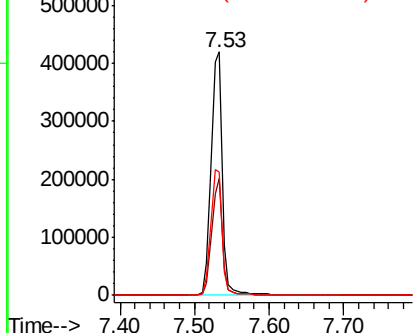
#23
Nitrobenzene-d5
Concen: 55.927 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 82 Resp: 438581
Ion Ratio Lower Upper
82 100
128 47.9 34.2 51.2
54 50.9 38.6 58.0

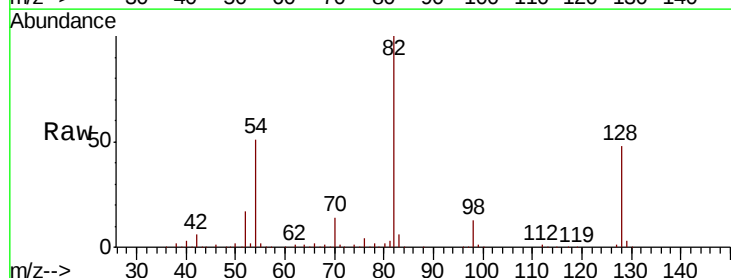


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

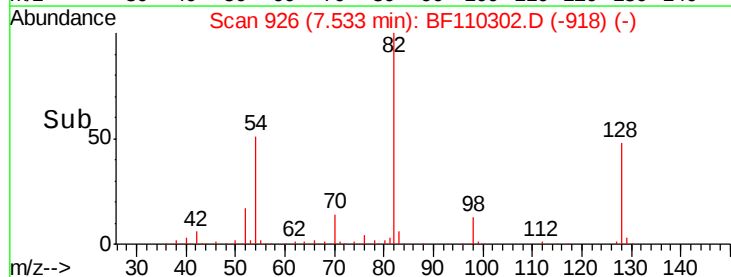
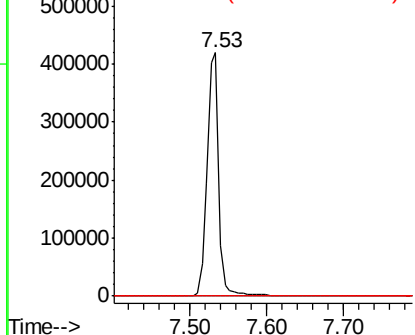


#25
Isophorone
Concen: 32.809 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.25 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion: 82 Resp: 438579
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

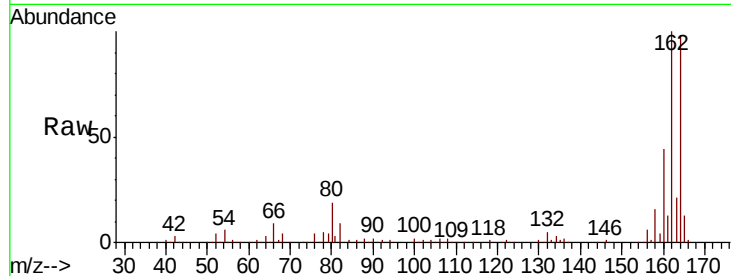
Tgt Ion:164 Resp: 217484

Ion Ratio Lower Upper

164 100

162 102.2 83.0 124.6

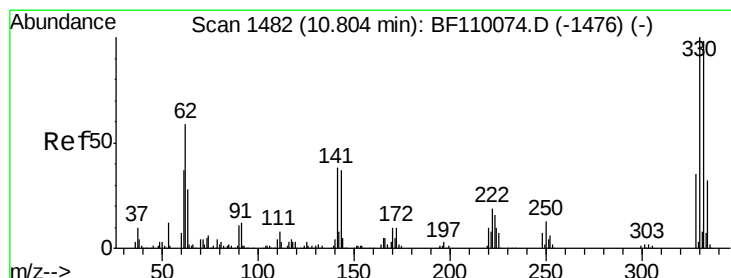
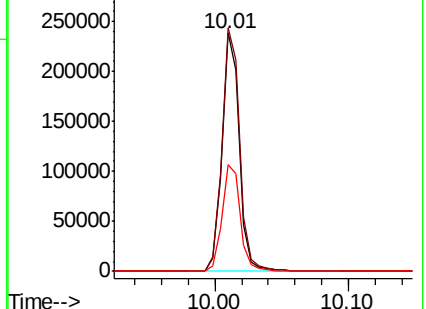
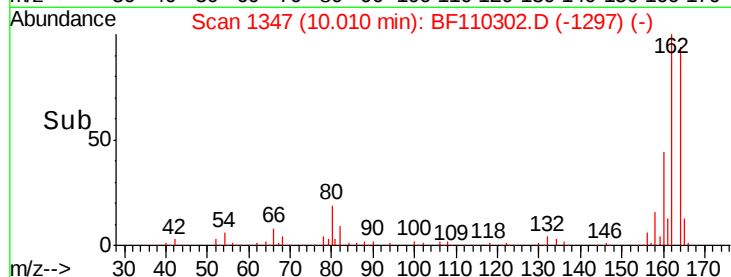
160 44.6 37.0 55.6



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



#42

2,4,6-Tribromophenol

Concen: 73.425 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

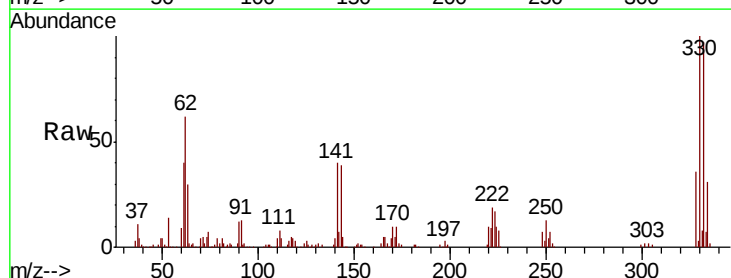
Tgt Ion:330 Resp: 158182

Ion Ratio Lower Upper

330 100

332 96.7 77.1 115.7

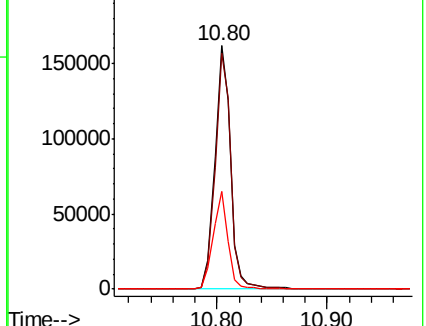
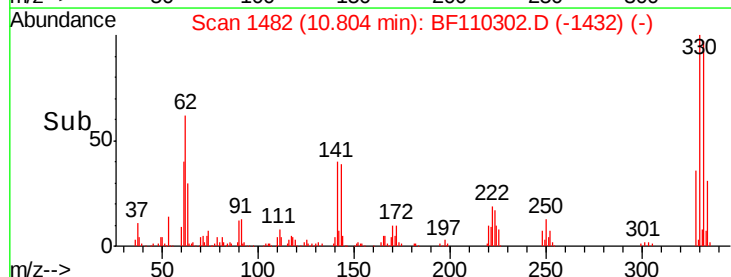
141 37.5 27.0 40.4



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

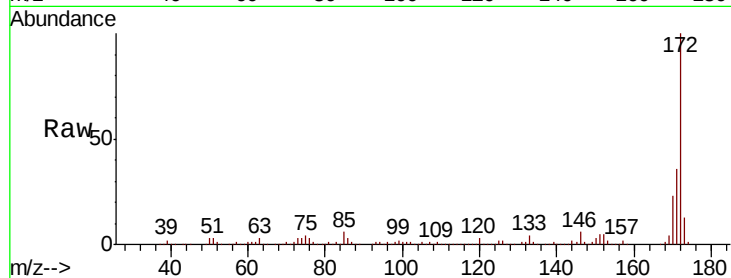




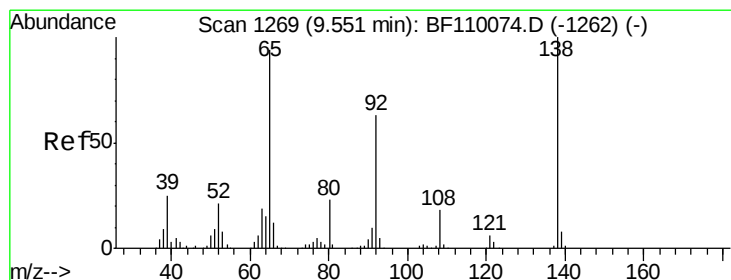
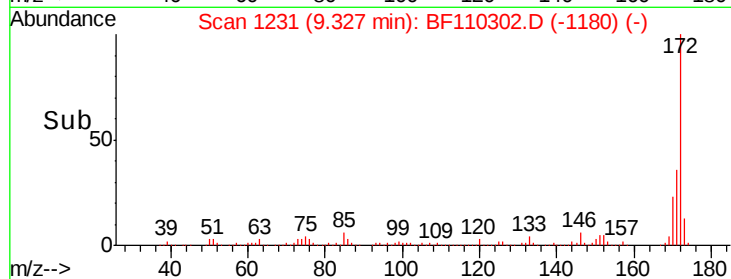
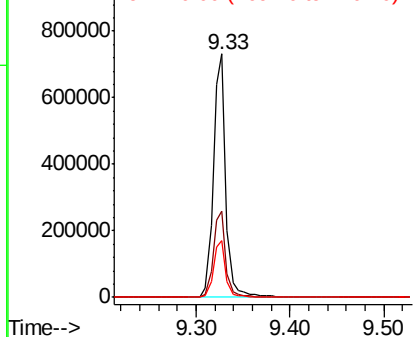
#45
 2-Fluorobiphenyl
 Concen: 49.560 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.00 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Instrument :
 BNA_F
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 FIBER-MATERIAL(NEAR-BERM)

Tgt Ion: 172 Resp: 686420
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.6 43.0
 170 23.4 19.7 29.5

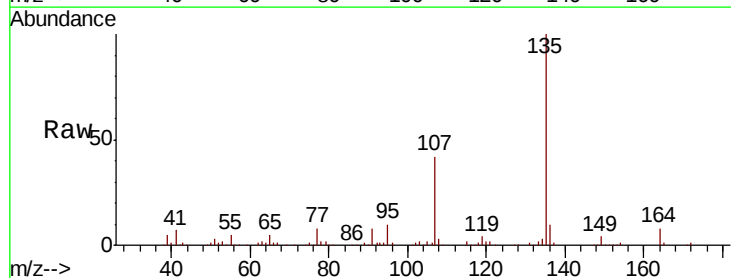


Abundance Ion 172.00 (171.70 to 172.70): E
 1000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

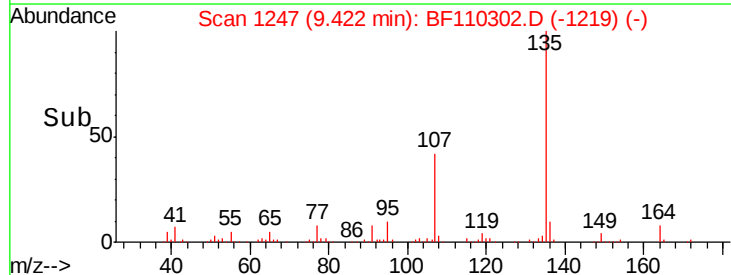
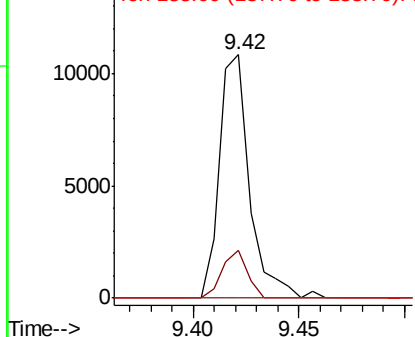


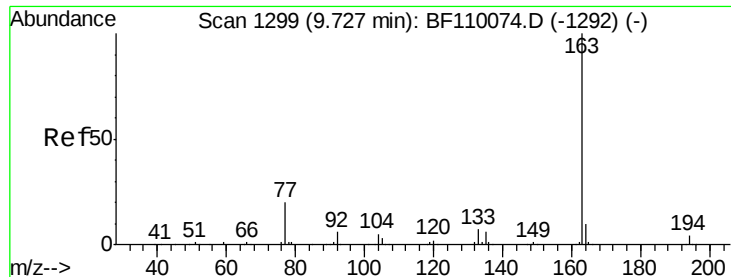
#48
 2-Nitroaniline
 Concen: 2.450 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.14 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Tgt Ion: 65 Resp: 10710
 Ion Ratio Lower Upper
 65 100
 92 19.4 54.6 81.8#
 138 0.0 80.3 120.5#



Abundance Ion 65.00 (64.70 to 65.70): BF1
 15000 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E

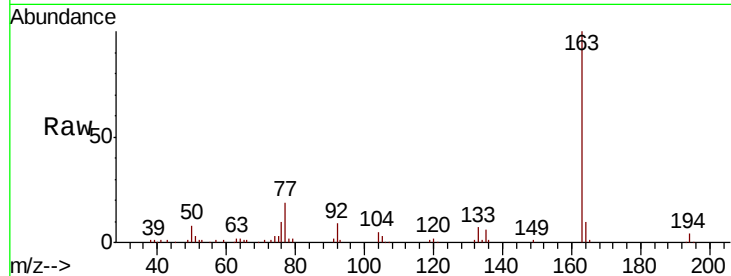




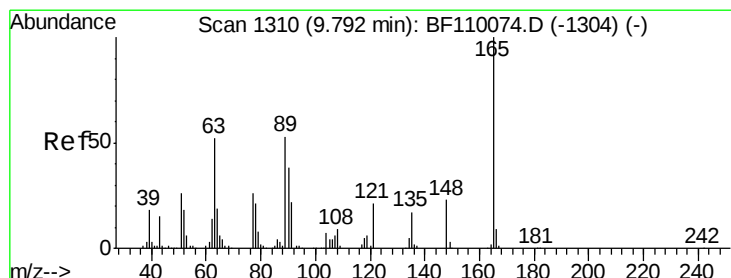
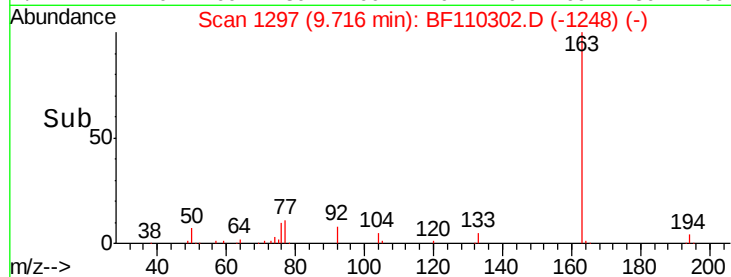
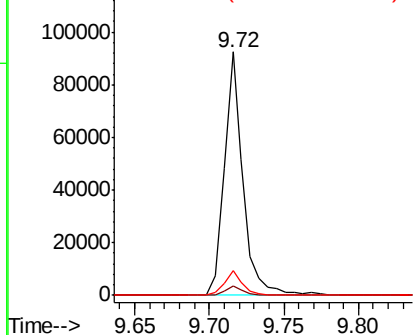
#50
Dimethylphthalate
Concen: 5.094 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:163 Resp: 81786
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 10.0 8.1 12.1

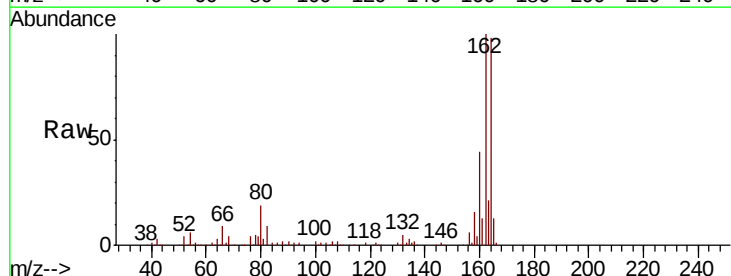


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

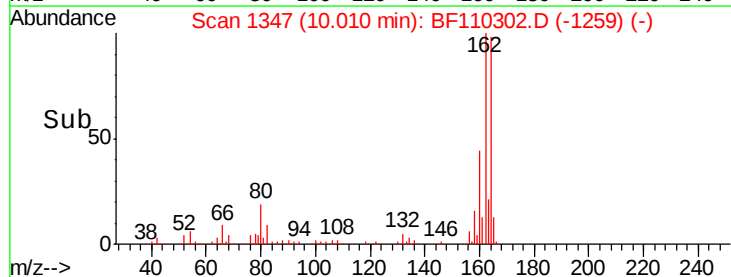
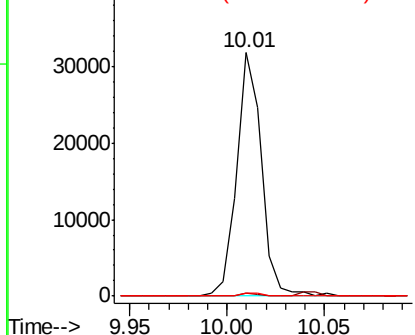


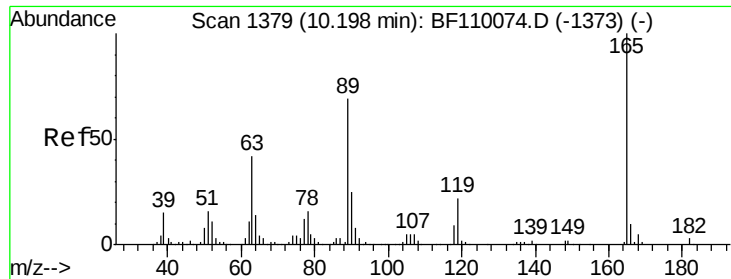
#51
2,6-Dinitrotoluene
Concen: 8.086 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.22 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:165 Resp: 27964
Ion Ratio Lower Upper
165 100
63 1.4 48.9 73.3#
89 1.2 46.6 69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

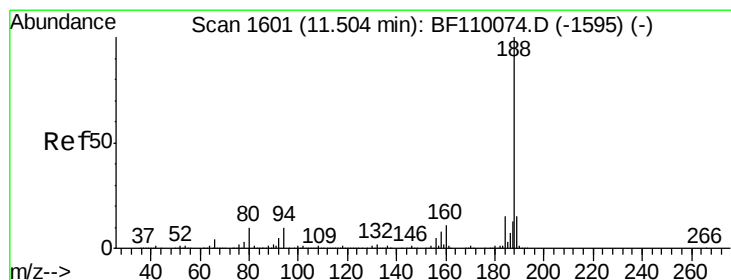
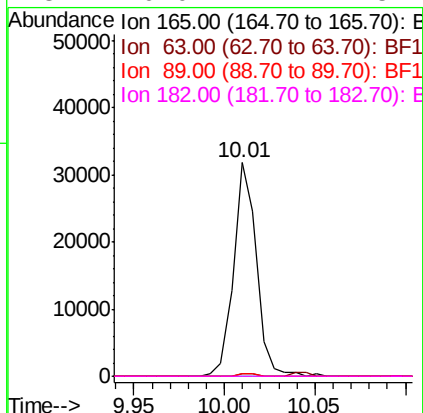
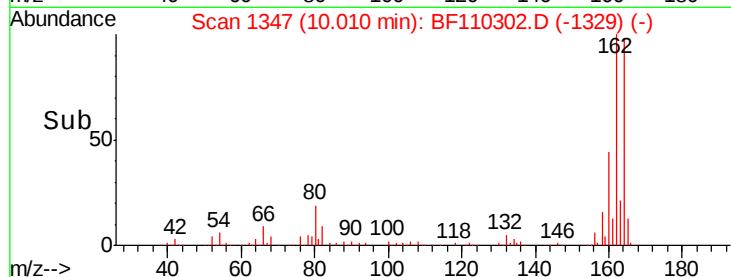
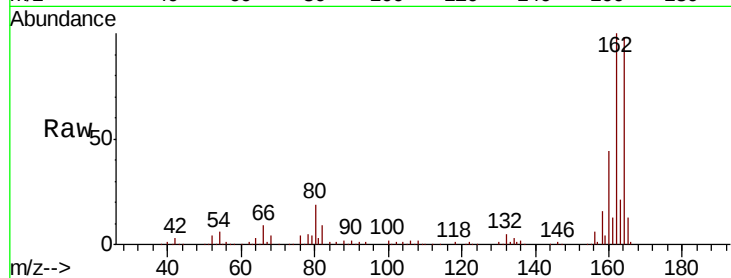




#57
 2,4-Dinitrotoluene
 Concen: 6.367 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.19 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

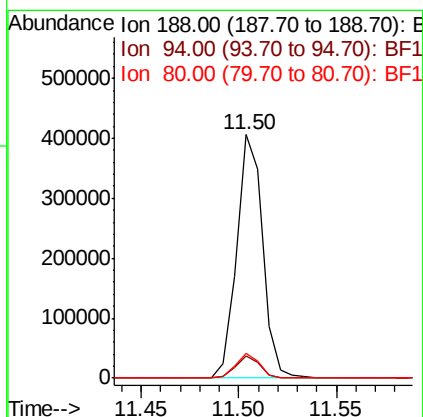
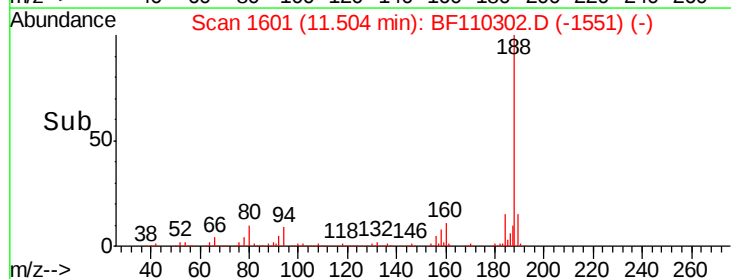
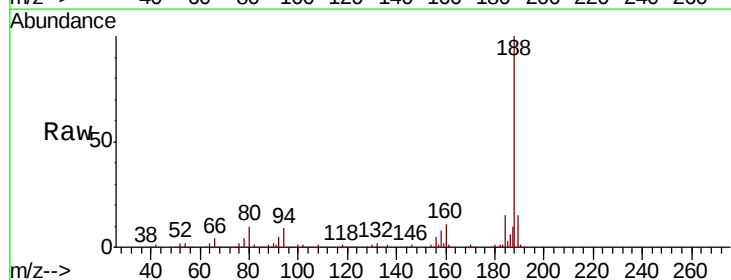
Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

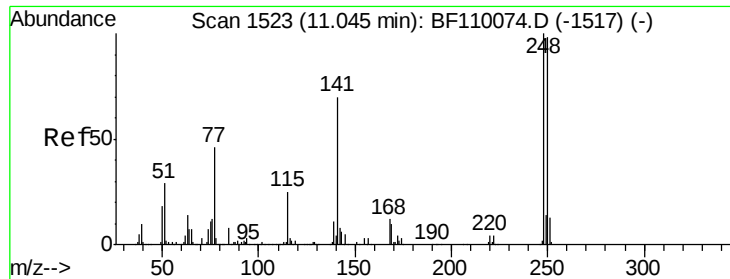
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.8	67.2#
89	1.2	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	10.1	7.9	11.9

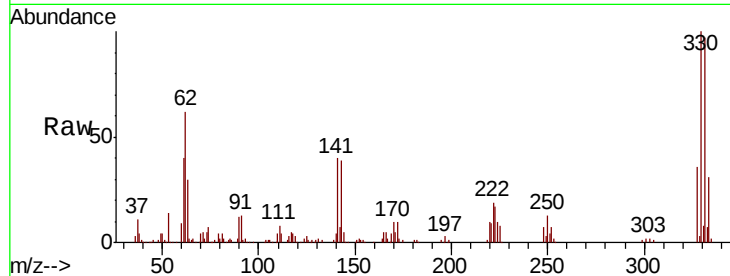




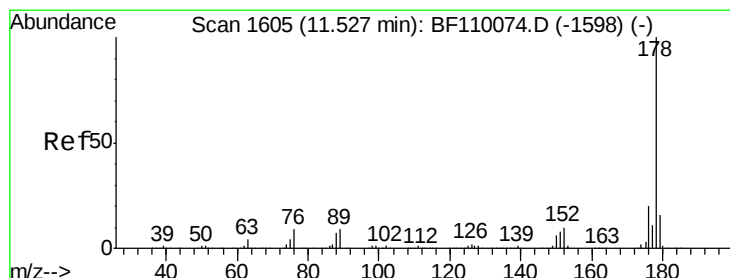
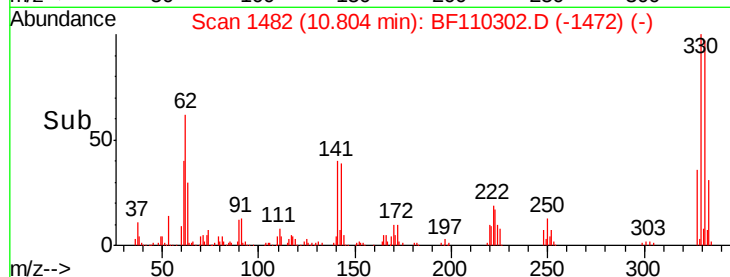
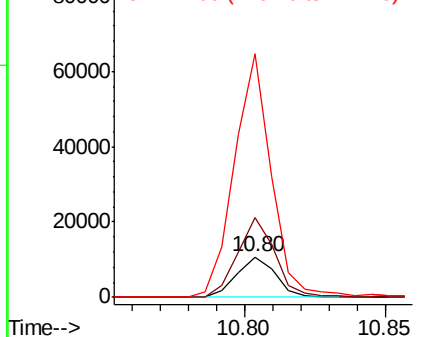
#67
 4-Bromophenyl-phenylether
 Concen: 2.509 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.24 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Tgt Ion:248 Resp: 10162
 Ion Ratio Lower Upper
 248 100
 250 197.5 79.4 119.2#
 141 601.5 55.9 83.9#

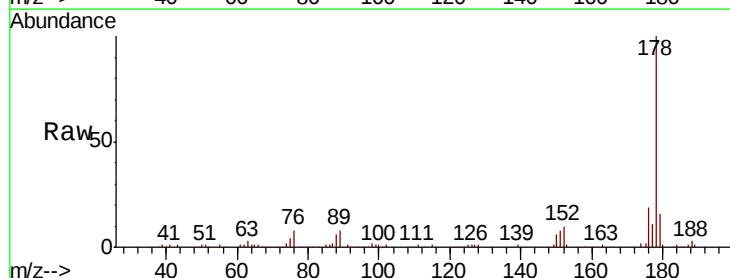


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

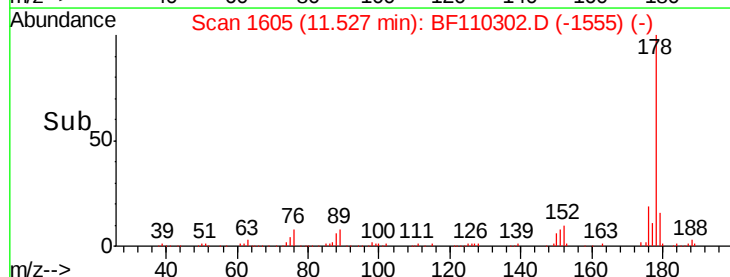
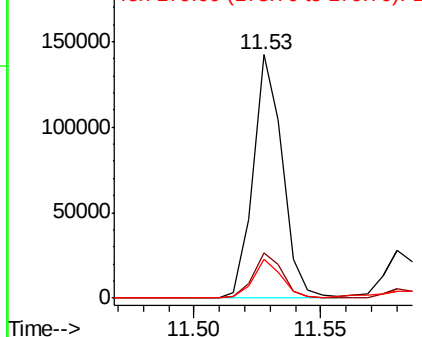


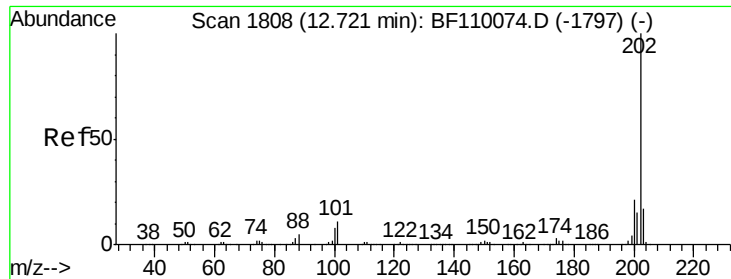
#71
 Phenanthrene
 Concen: 5.891 ng
 RT: 11.53 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Tgt Ion:178 Resp: 115125
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.5 23.3
 179 15.8 12.5 18.7



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





#75

Fluoranthene

Concen: 8.427 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

Instrument :

BNA_F

ClientSampleId :

FIBER-MATERIAL(NEAR-BERM)

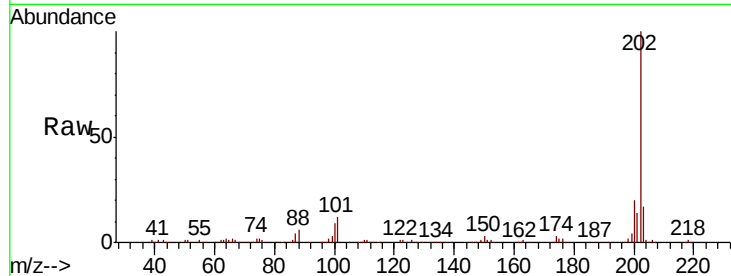
Tgt Ion:202 Resp: 167134

Ion Ratio Lower Upper

202 100

101 11.7 0.0 31.4

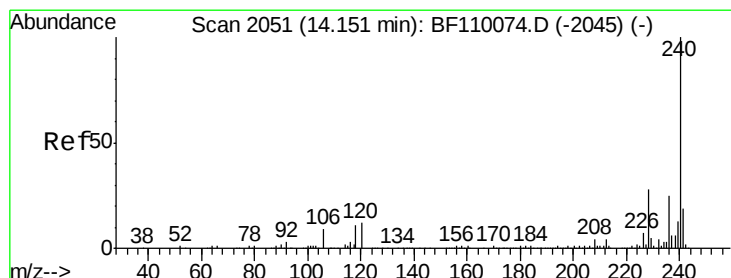
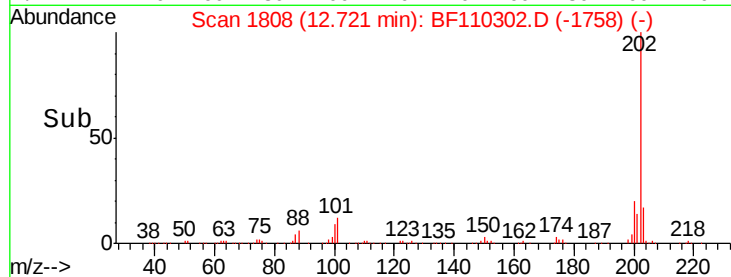
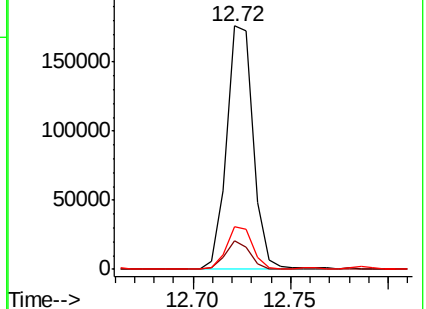
203 17.4 0.0 37.7



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BF110302.D

Acq: 30 Oct 2018 14:54

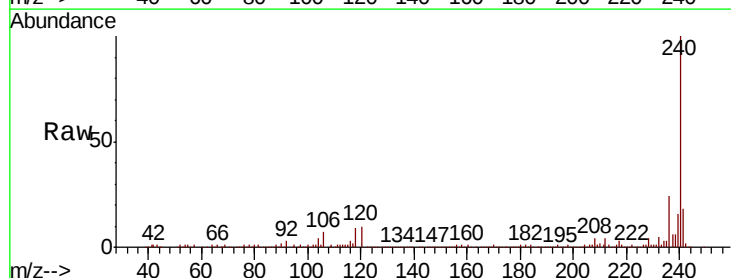
Tgt Ion:240 Resp: 231421

Ion Ratio Lower Upper

240 100

120 10.0 8.3 12.5

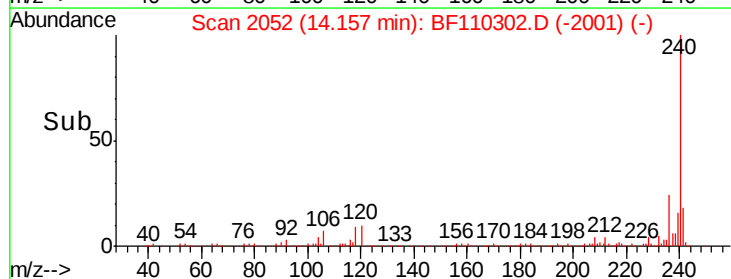
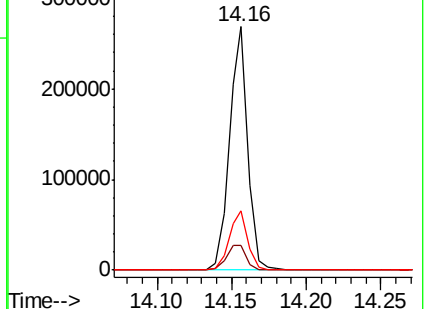
236 24.4 21.2 31.8

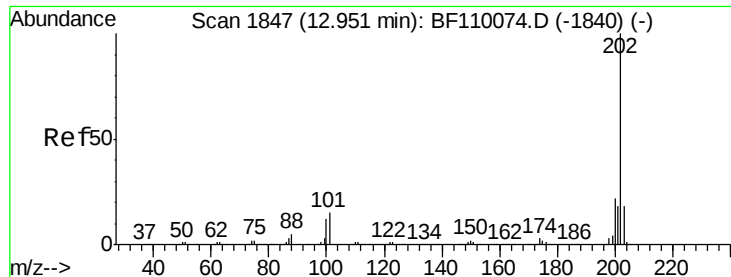


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

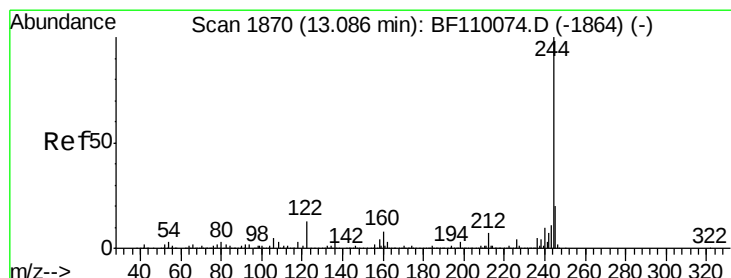
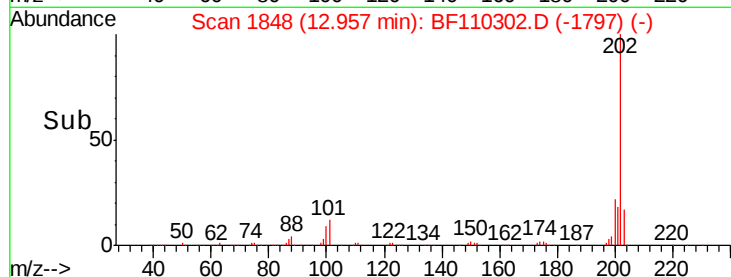
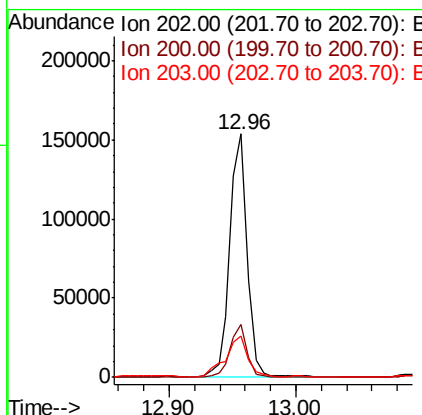
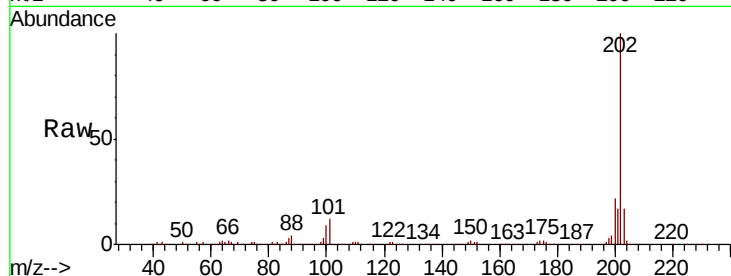




#78
 Pyrene
 Concen: 8.821 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

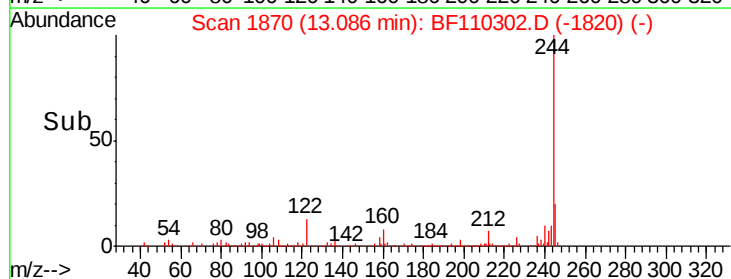
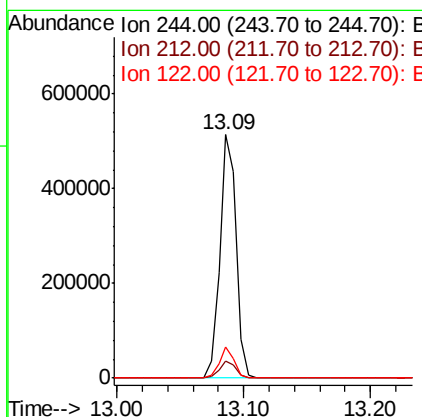
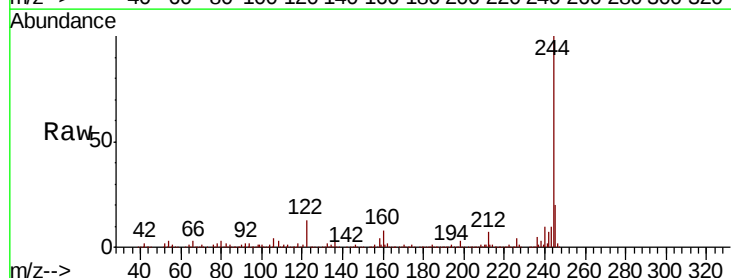
Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

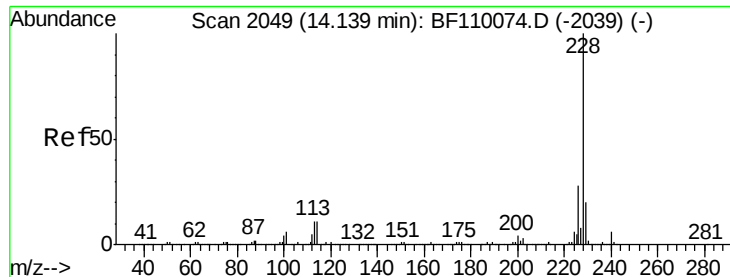
Tgt Ion:202 Resp: 146342
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.8 26.6
 203 17.2 14.2 21.4



#79
 Terphenyl-d14
 Concen: 41.437 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.01 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Tgt Ion:244 Resp: 461089
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 12.6 8.7 13.1

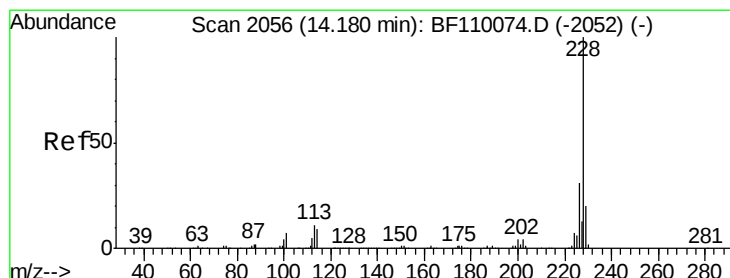
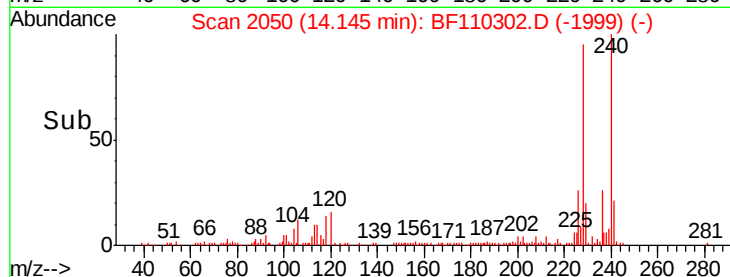
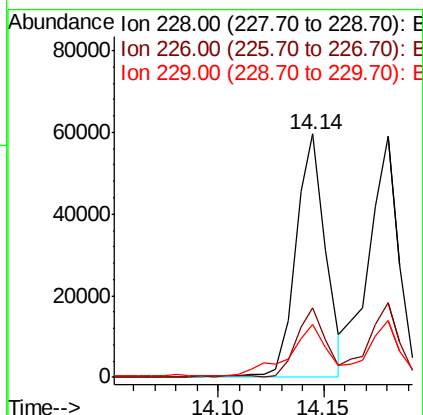
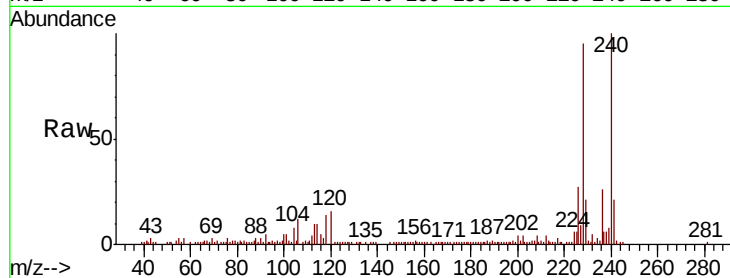




#81
Benzo(a)anthracene
Concen: 4.258 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

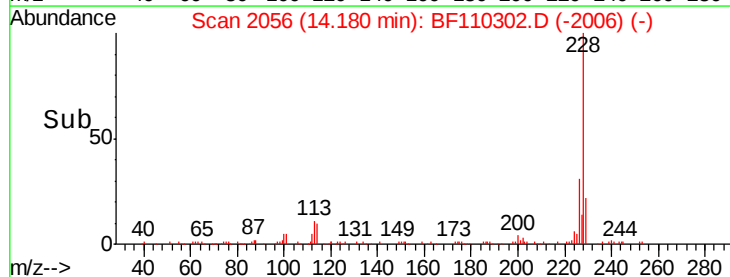
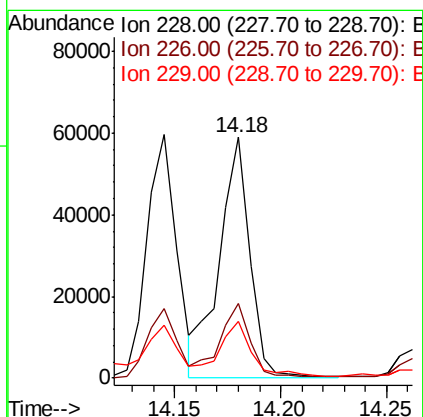
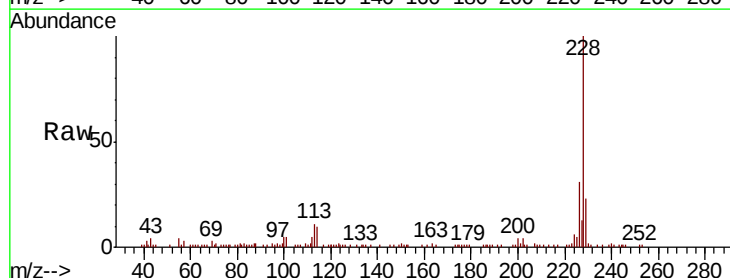
Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

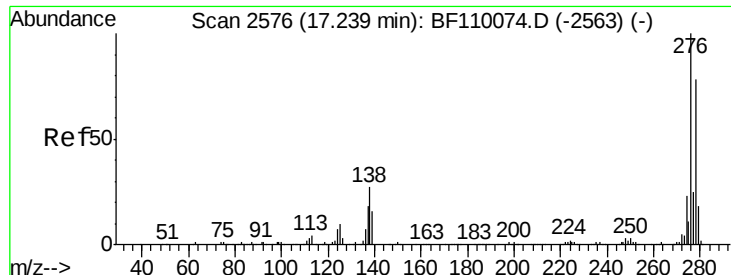
Tgt Ion:228 Resp: 58434
Ion Ratio Lower Upper
228 100
226 28.3 22.1 33.1
229 21.8 15.6 23.4



#83
Chrysene
Concen: 4.552 ng
RT: 14.18 min Scan# 2056
Delta R.T. -0.01 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:228 Resp: 59329
Ion Ratio Lower Upper
228 100
226 31.2 24.7 37.1
229 23.3 15.9 23.9

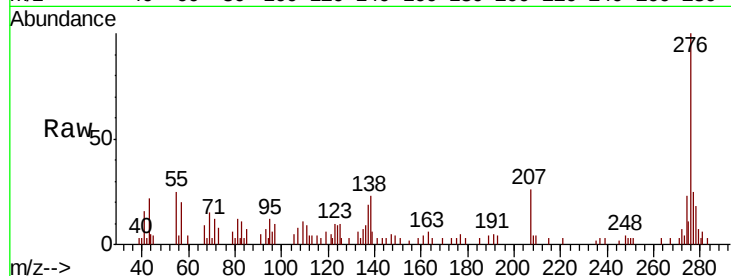




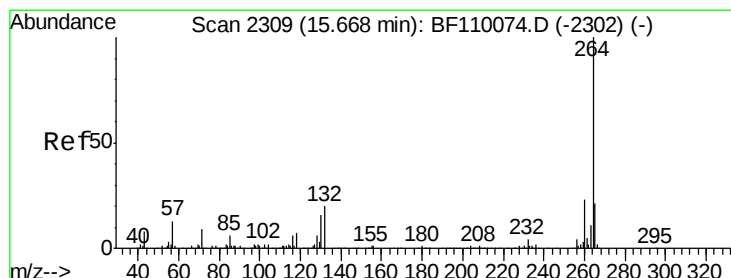
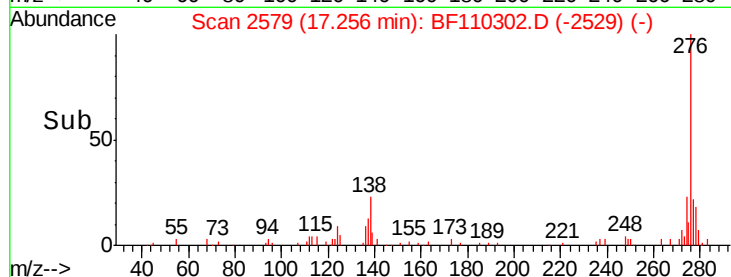
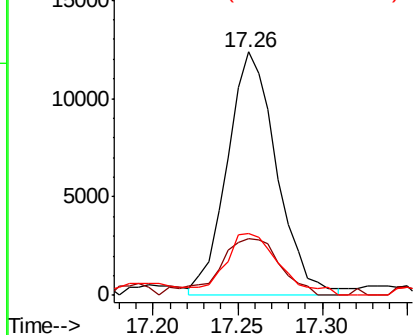
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 2.339 ng
 RT: 17.26 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Instrument :
 BNA_F
 ClientSampleId :
 FIBER-MATERIAL(NEAR-BERM)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.8	18.5	27.7#
277	27.8	20.0	30.0

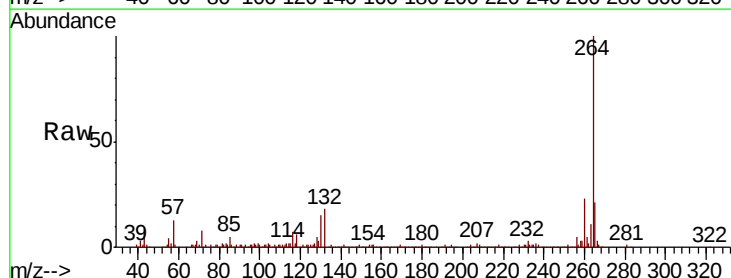


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

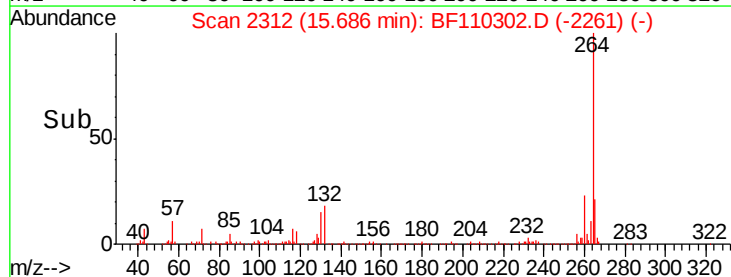
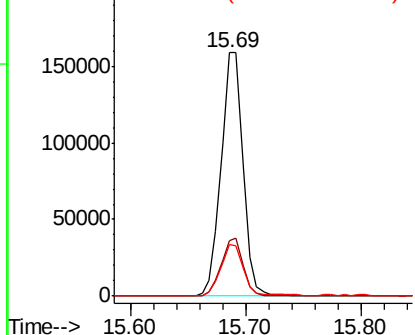


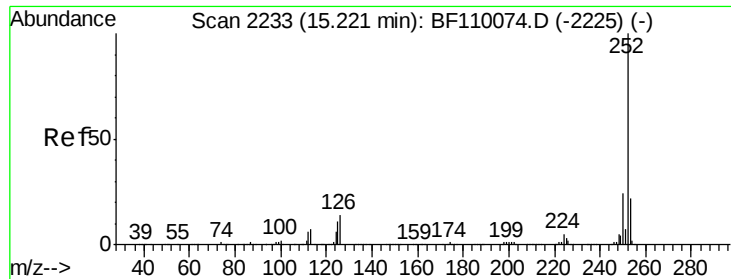
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: BF110302.D
 Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.7	28.1
265	21.3	16.7	25.1



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

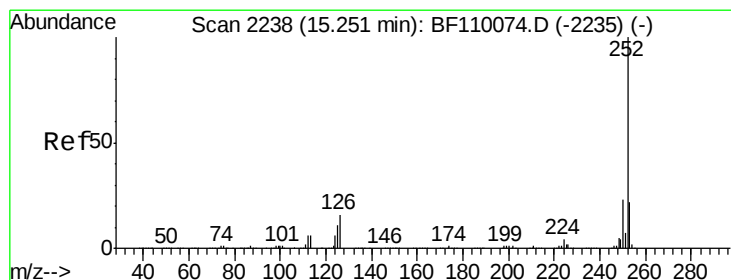
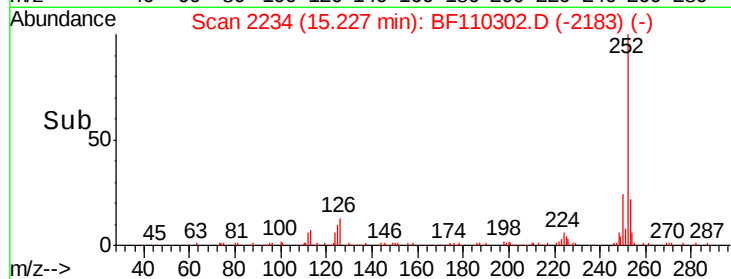
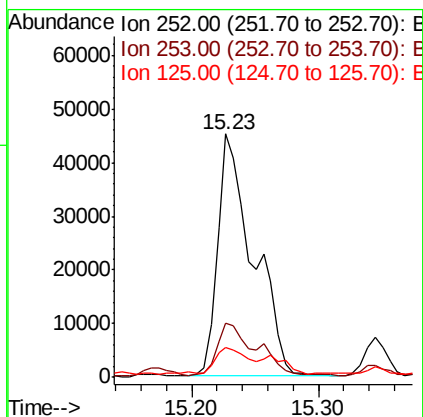
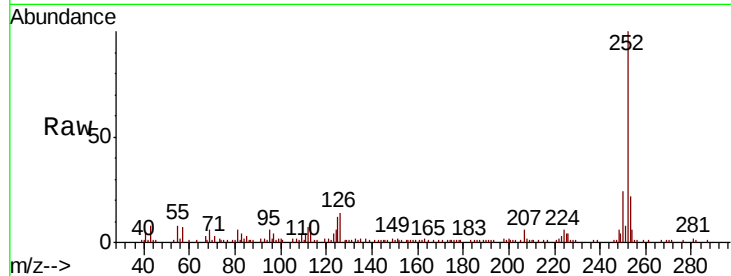




#88
Benzo(b)fluoranthene
Concen: 7.226 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

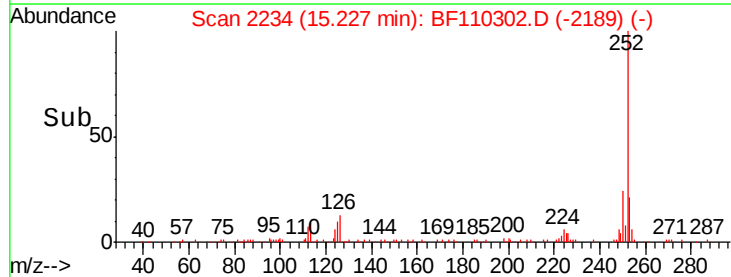
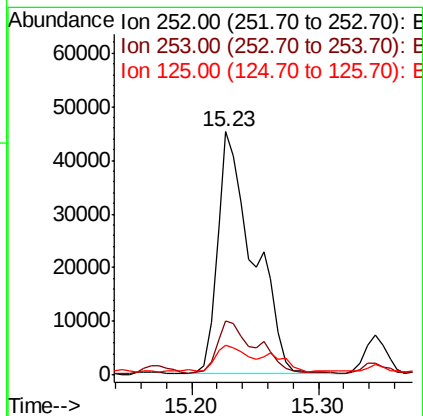
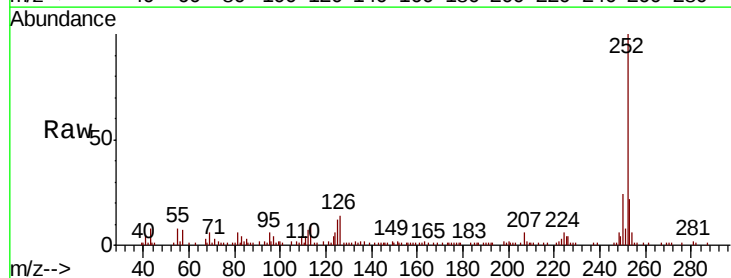
Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

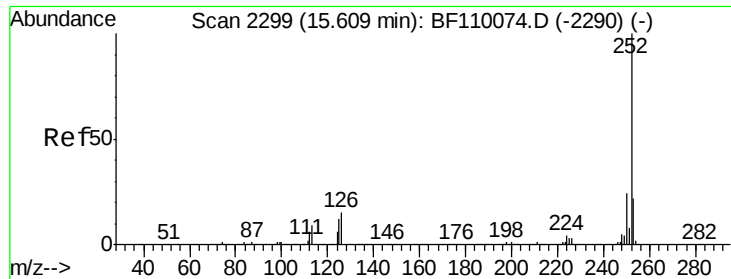
Tgt Ion:252 Resp: 88004
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.2 8.2 12.4



#89
Benzo(k)fluoranthene
Concen: 7.350 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.04 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion:252 Resp: 88004
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 12.2 7.4 11.0#

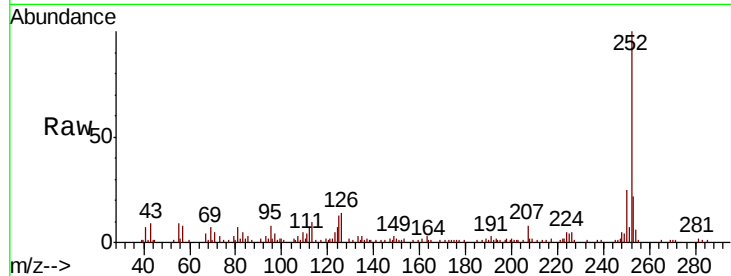




#90
Benzo(a)pyrene
Concen: 4.017 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Instrument :
BNA_F
ClientSampleId :
FIBER-MATERIAL(NEAR-BERM)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.2	27.4
125	13.3	9.0	13.6

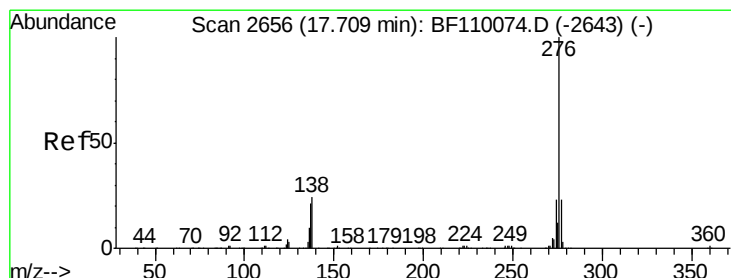
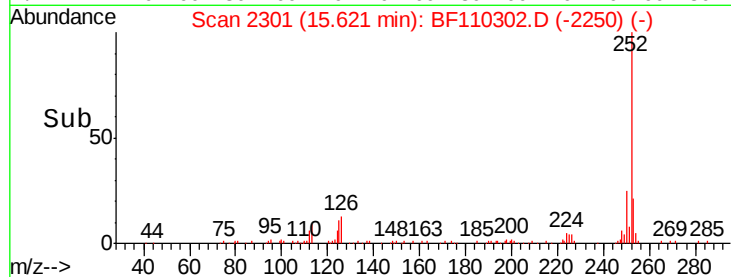
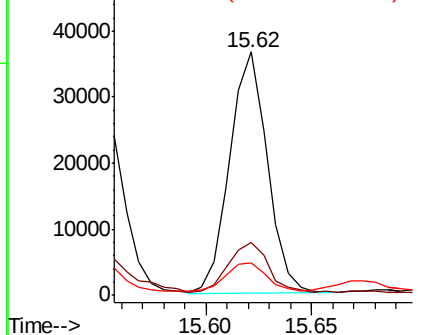


Abundance

Ion 252.00 (251.70 to 252.70): E

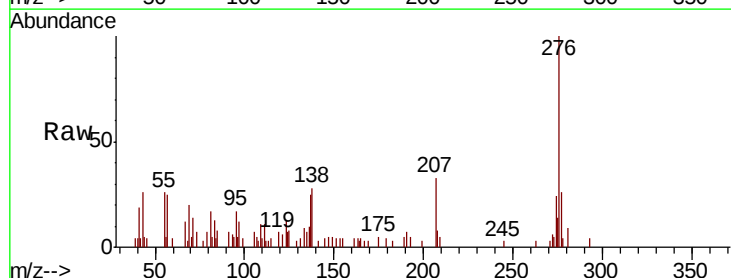
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92
Benzo(g,h,i)perylene
Concen: 2.521 ng
RT: 17.74 min Scan# 2661
Delta R.T. -0.00 min
Lab File: BF110302.D
Acq: 30 Oct 2018 14:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.9	18.8	28.2
138	28.1	16.0	24.0



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

