

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
 Data File : BF103728.D
 Acq On : 17 Mar 2018 8:07
 Operator : JU/SJ
 Sample : J1925-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 19 07:00:47 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 15 18:31:53 2018
 Response via : Initial Calibration

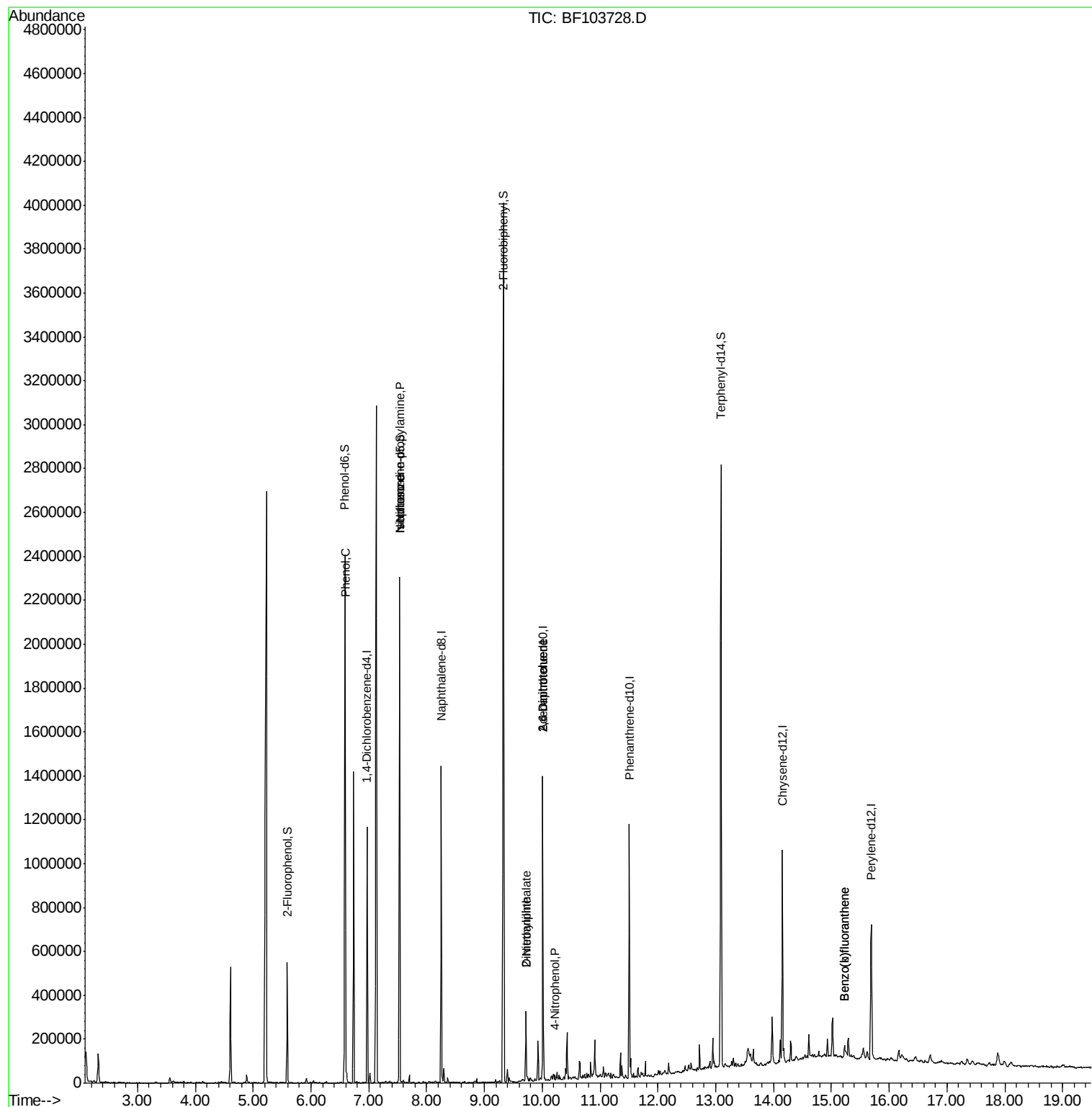
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162432	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	629707	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	254364	20.00	ng	0.00
63) Phenanthrene-d10	11.50	188	362792	20.00	ng	0.00
75) Chrysene-d12	14.16	240	318111	20.00	ng	0.00
86) Perylene-d12	15.69	264	258022	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	145035	13.58	ng	0.00
7) Phenol-d6	6.59	99	935869	71.63	ng	0.00
23) Nitrobenzene-d5	7.53	82	730844	80.94	ng	0.00
41) 2,4,6-Tribromophenol	10.80	330	1628	0.74	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1210897	75.94	ng	0.00
78) Terphenyl-d14	13.09	244	853698	62.29	ng	0.00
Target Compounds						
10) Phenol	6.60	94	42641	3.071	ng	98
19) n-Nitroso-di-n-propylamine	7.53	70	96560	11.532	ng	# 74
25) Isophorone	7.53	82	730835	34.962	ng	# 64
47) 2-Nitroaniline	9.72	65	913	6.992	ng	# 1
49) Dimethylphthalate	9.72	163	98274	5.064	ng	100
50) 2,6-Dinitrotoluene	10.01	165	32336	11.882	ng	# 25
55) 4-Nitrophenol	10.22	139	769	5.173	ng	# 9
56) 2,4-Dinitrotoluene	10.01	165	32336	12.132	ng	# 23
87) Benzo(b)fluoranthene	15.23	252	34748	2.132	ng	# 86
88) Benzo(k)fluoranthene	15.23	252	34748	2.218	ng	# 89

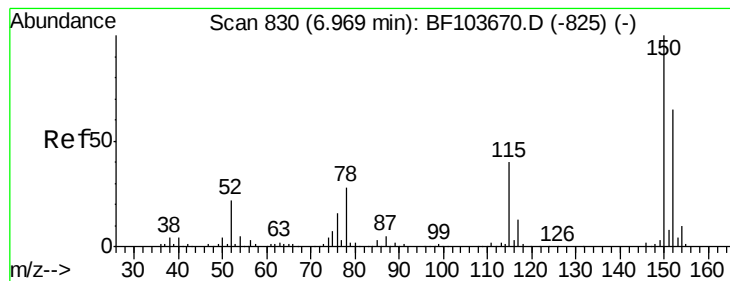
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103728.D
Acq On : 17 Mar 2018 8:07
Operator : JU/SJ
Sample : J1925-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 19 07:00:47 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 15 18:31:53 2018
Response via : Initial Calibration



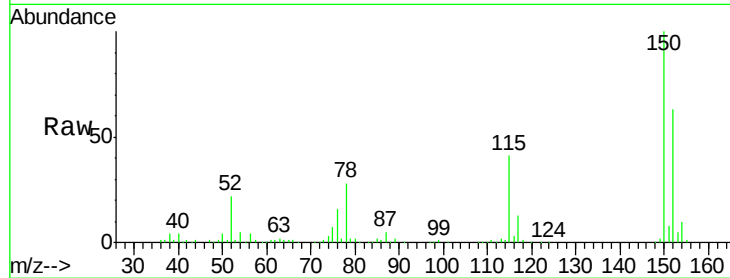


#1

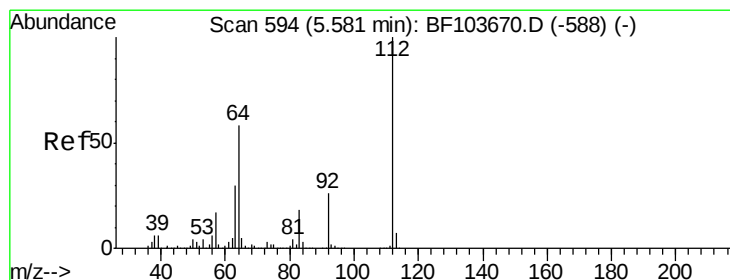
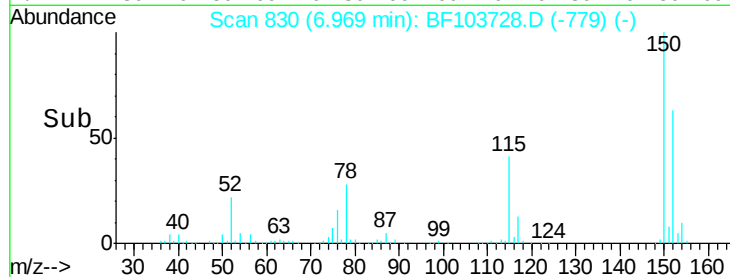
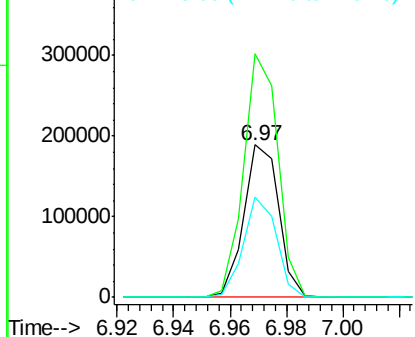
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	65.7	50.1	75.1



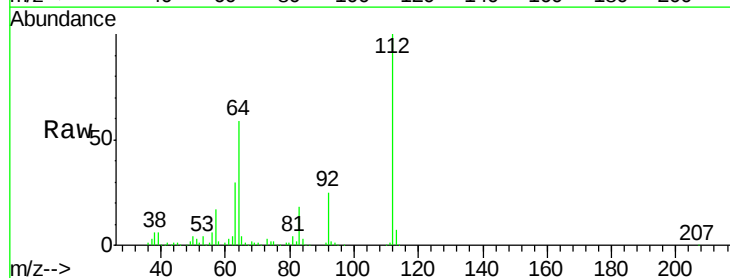
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



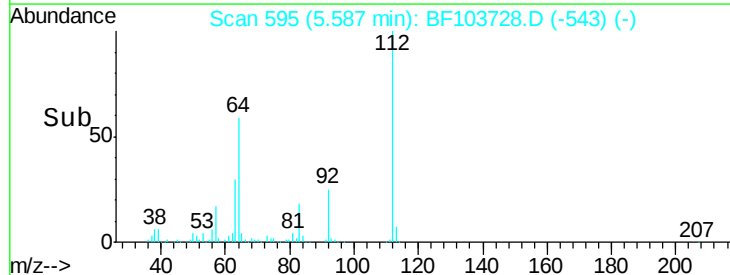
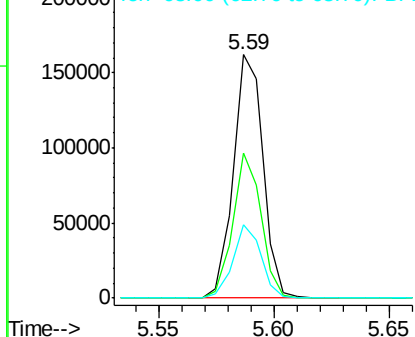
#5

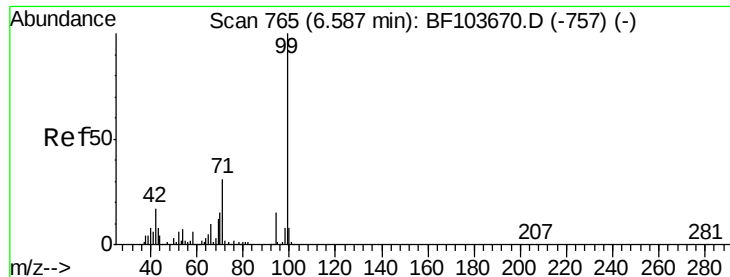
2-Fluorophenol
Concen: 13.581 ng
RT: 5.59 min Scan# 595
Delta R.T. 0.01 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	47.9	71.9
63	30.2	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: 71.630 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_F

ClientSampled :

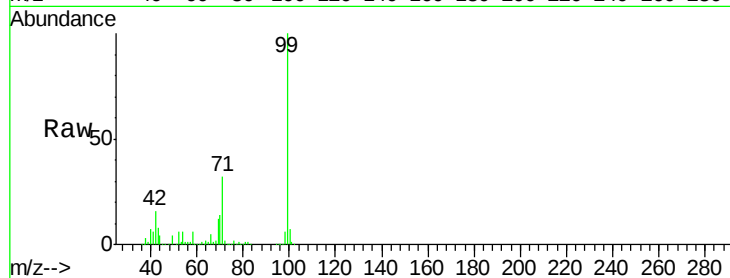
Tot Ion: 99 Resp: 935869

Ion Ratio Lower Upper

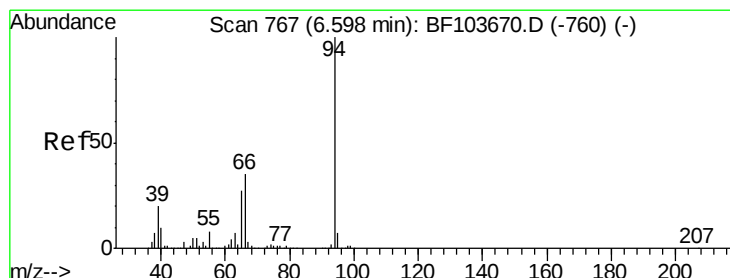
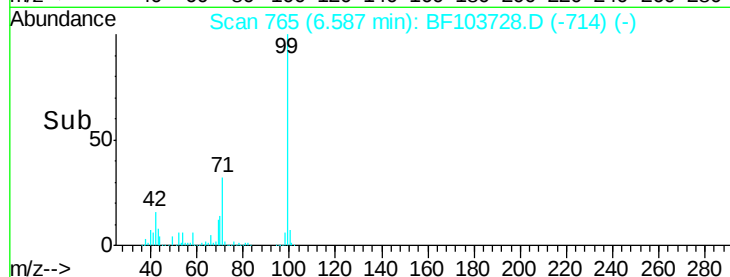
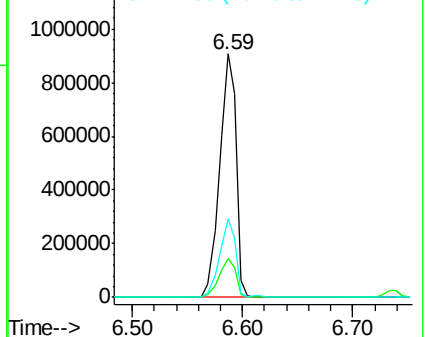
99 100

42 16.1 14.5 21.7

71 32.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 3.071 ng

RT: 6.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

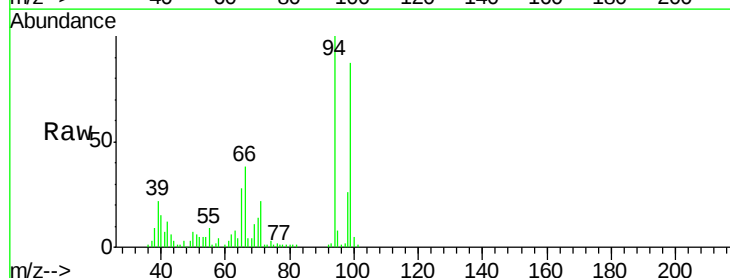
Tgt Ion: 94 Resp: 42641

Ion Ratio Lower Upper

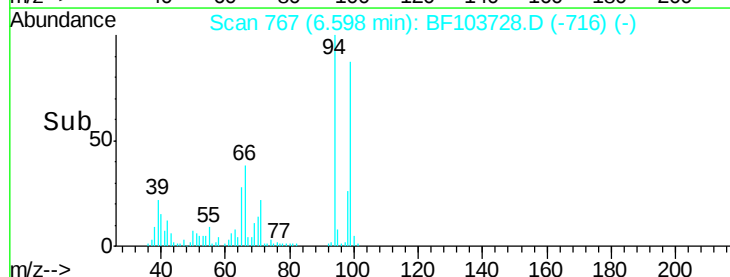
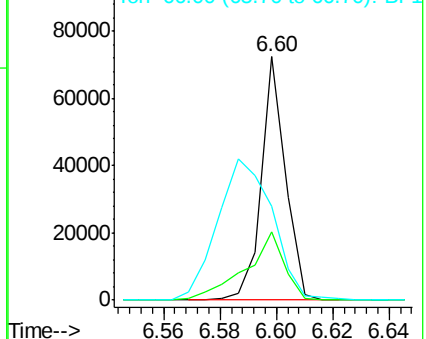
94 100

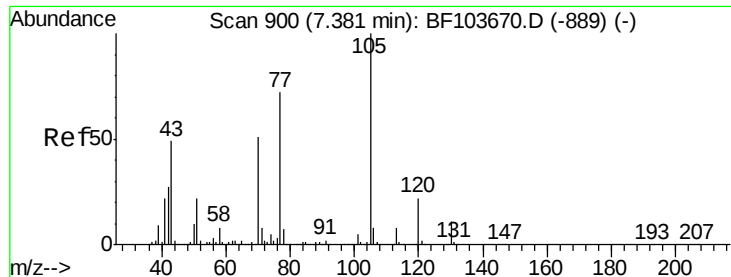
65 28.2 7.9 47.9

66 38.5 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

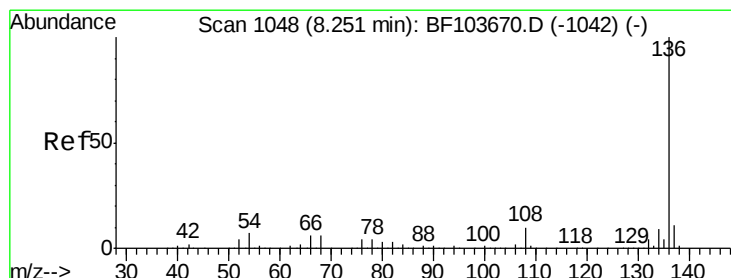
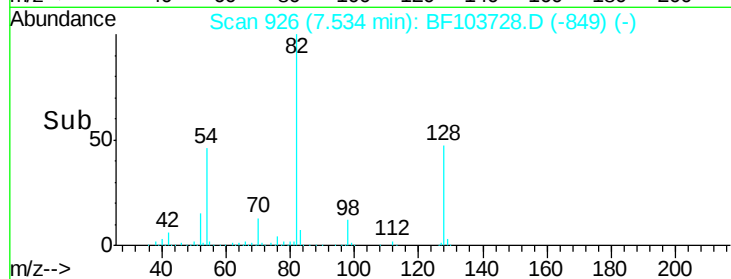
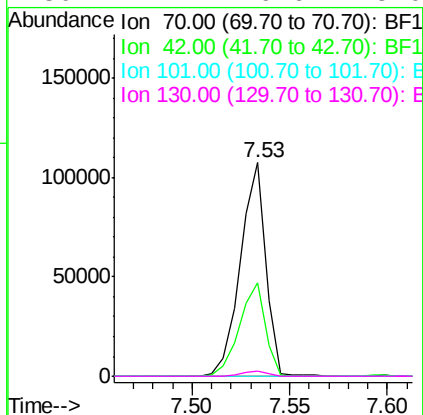
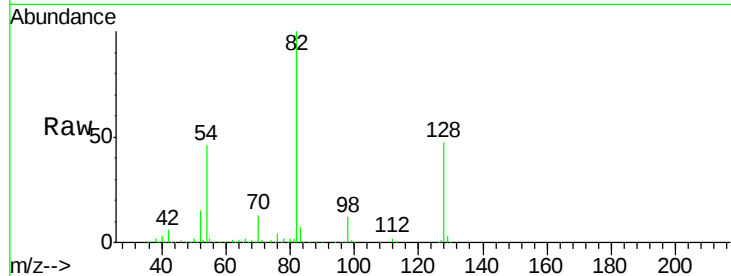




#19
n-Nitroso-di-n-propylamine
Concen: 11.532 ng
RT: 7.53 min Scan# 926
Delta R.T. 0.15 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

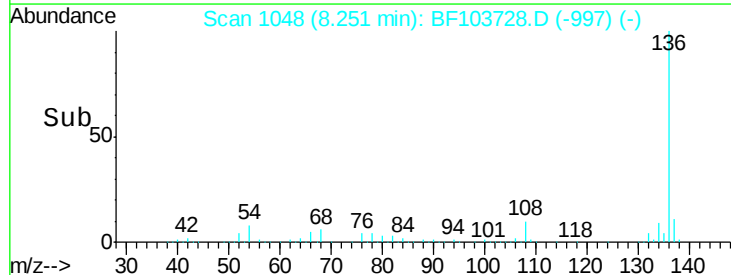
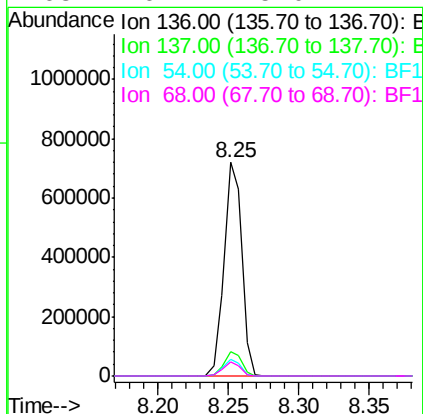
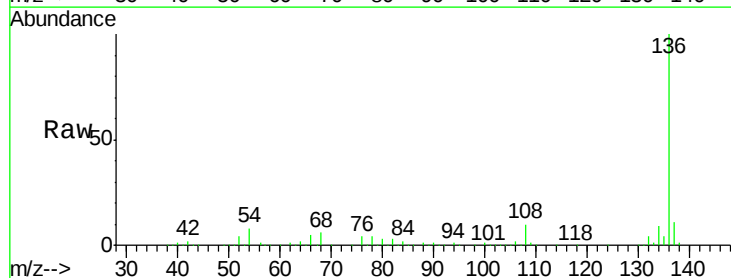
Instrument :
BNA_F
ClientSampleId :

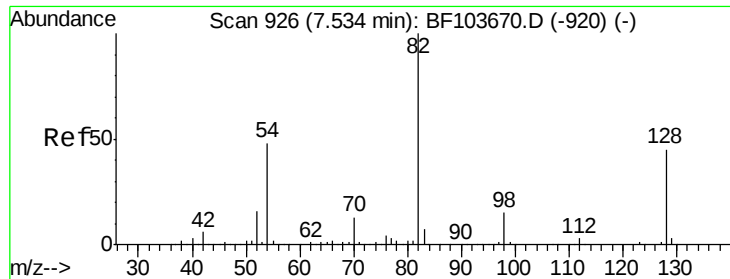
Tot Ion: 70 Resp: 96560
Ion Ratio Lower Upper
70 100
42 43.7 47.5 71.3#
101 0.0 7.4 11.2#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Tgt Ion:136 Resp: 629707
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.7 6.6 9.8
68 6.4 5.0 7.4

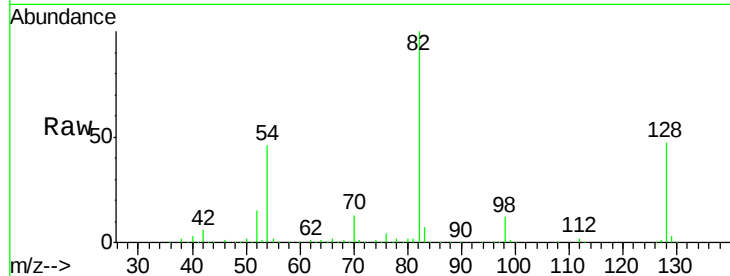




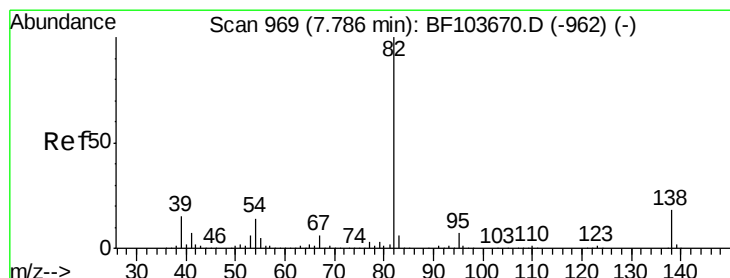
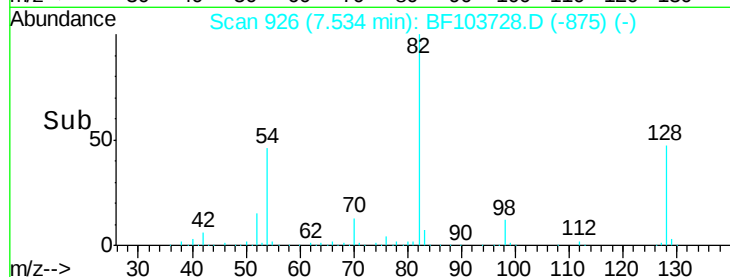
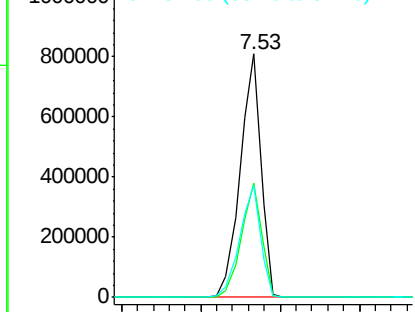
#23
 Nitrobenzene-d5
 Concen: 80.936 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.00 min
 Lab File: BF103728.D
 Acq: 17 Mar 2018 8:07

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 730844
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.1 54.1
 54 45.7 41.4 62.2

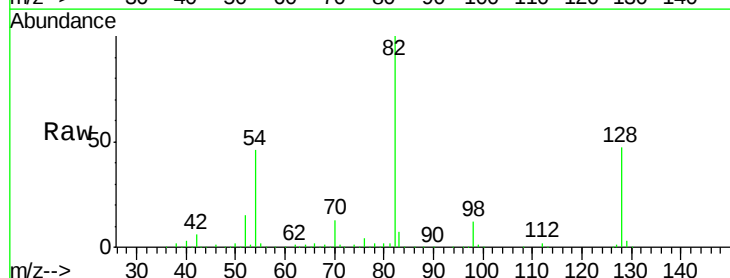


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

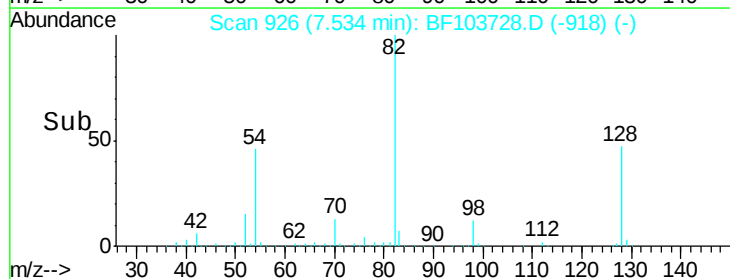
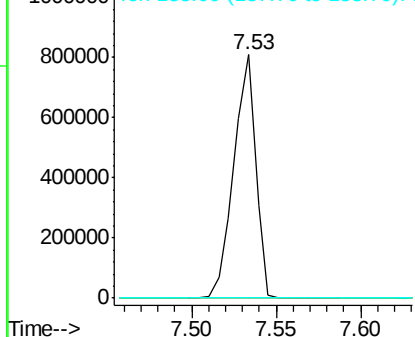


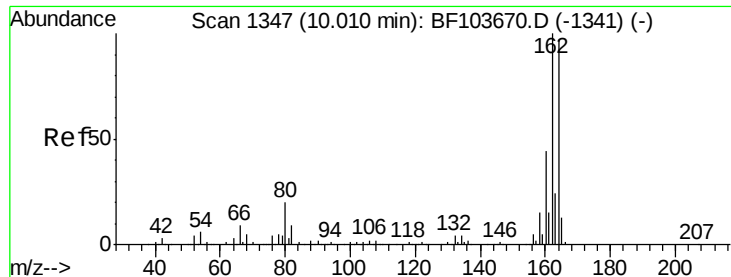
#25
 Isophorone
 Concen: 34.962 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.25 min
 Lab File: BF103728.D
 Acq: 17 Mar 2018 8:07

Tgt Ion: 82 Resp: 730835
 Ion Ratio Lower Upper
 82 100
 95 0.0 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





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.00 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_F

ClientSampleId :

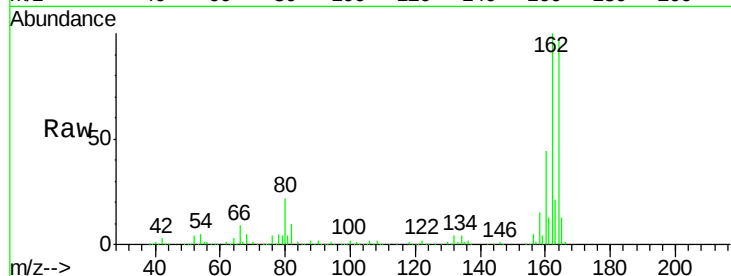
Tot Ion:164 Resp: 254364

Ion Ratio Lower Upper

164 100

162 103.2 86.1 129.1

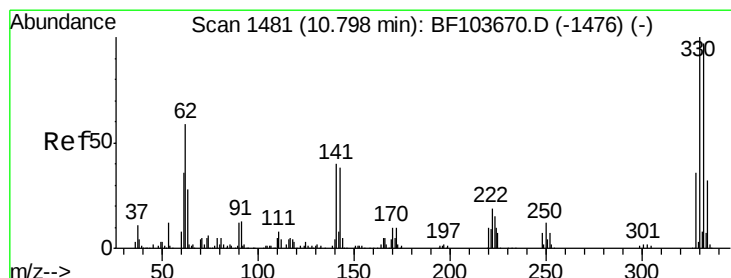
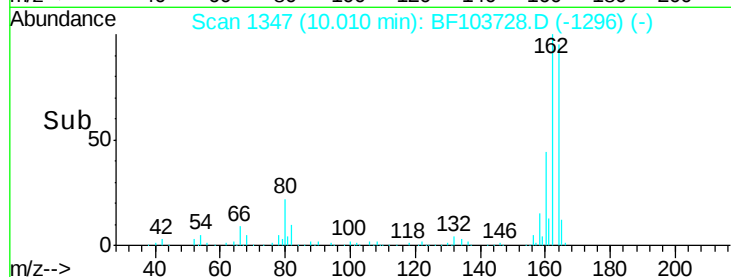
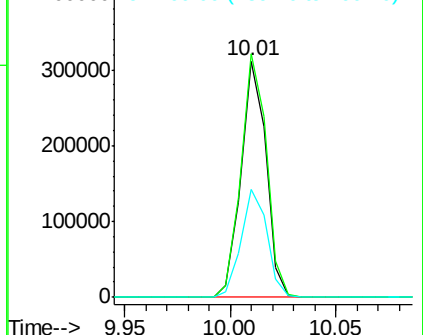
160 45.6 38.3 57.5



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: 0.744 ng

RT: 10.80 min Scan# 1481

Delta R.T. 0.00 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

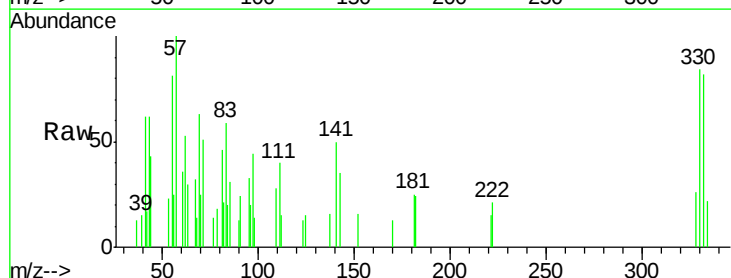
Tgt Ion:330 Resp: 1628

Ion Ratio Lower Upper

330 100

332 99.3 77.0 115.6

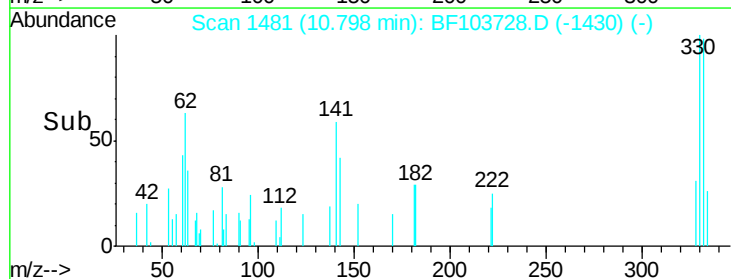
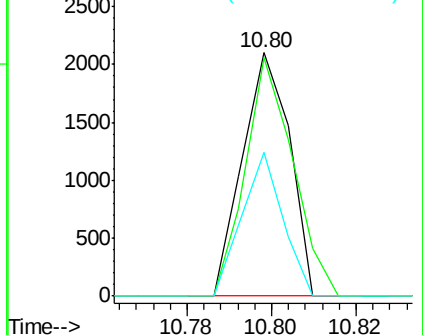
141 51.3 29.9 44.9#

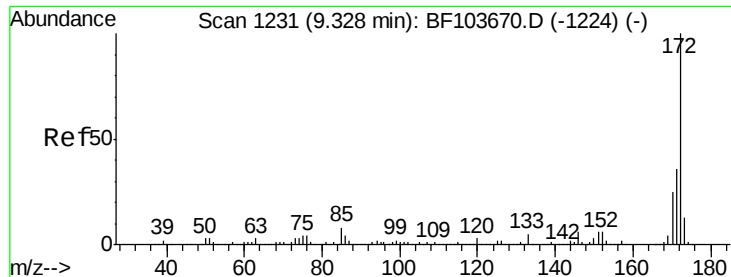


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

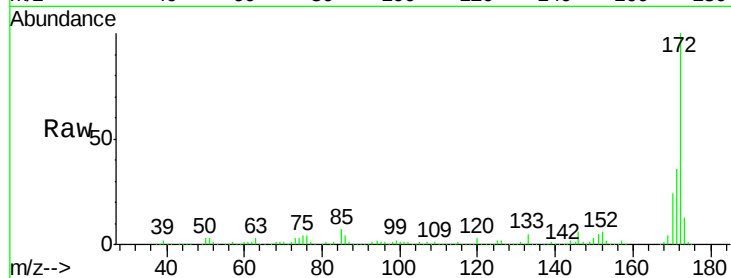




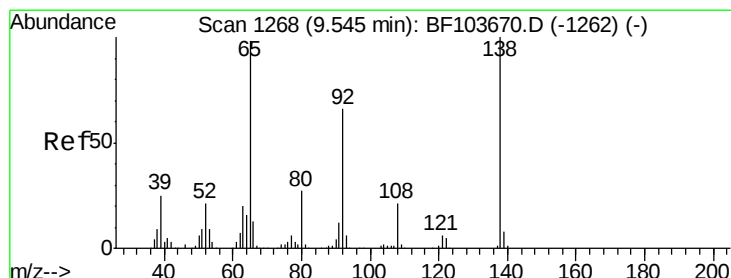
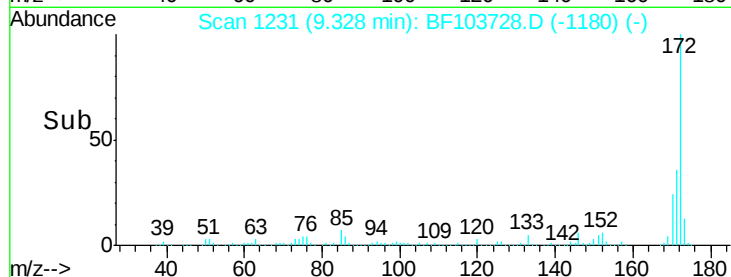
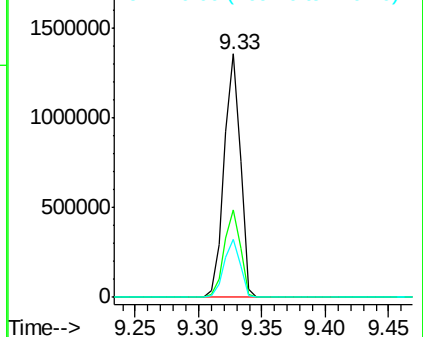
#44
2-Fluorobiphenyl
Concen: 75.937 ng
RT: 9.33 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1210897
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.0 19.6 29.4

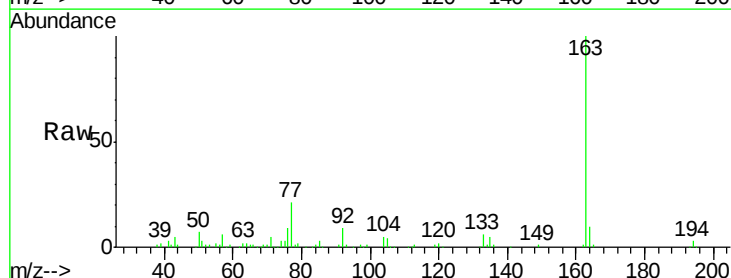


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

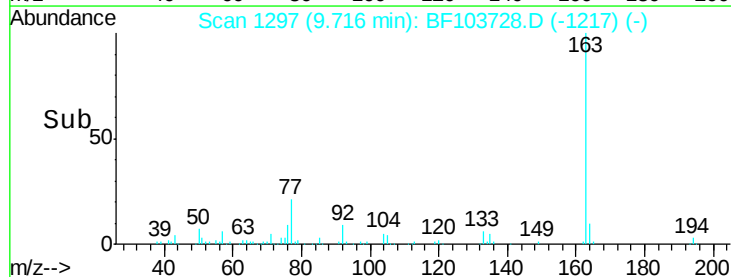
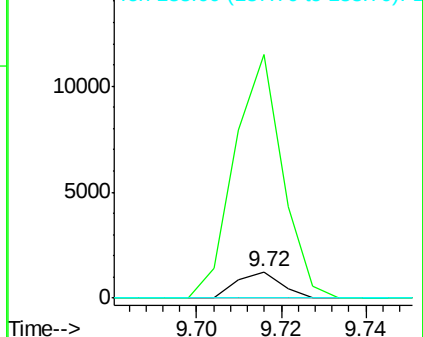


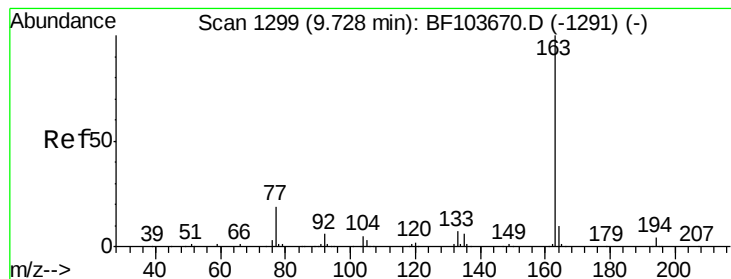
#47
2-Nitroaniline
Concen: 6.992 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.17 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Tgt Ion: 65 Resp: 913
Ion Ratio Lower Upper
65 100
92 914.9 55.8 83.6#
138 0.0 91.2 136.8#



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





#49

Dimethylphthalate

Concen: 5.064 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.01 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_F

ClientSampleId :

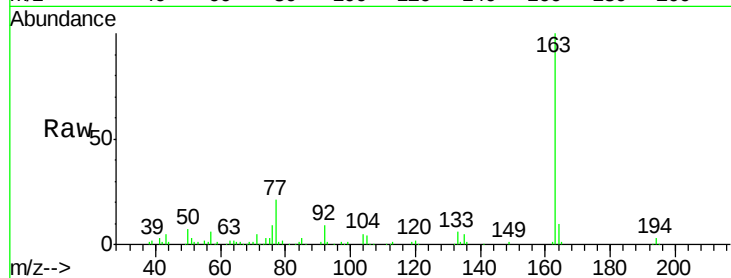
Tot Ion:163 Resp: 98274

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

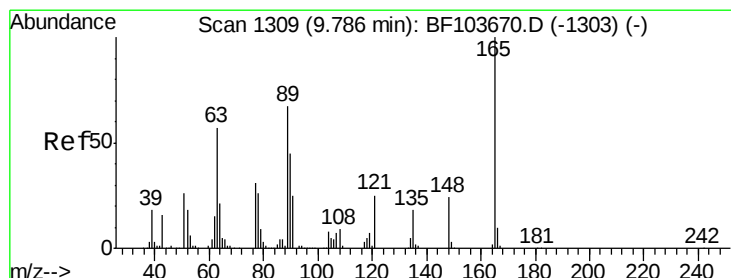
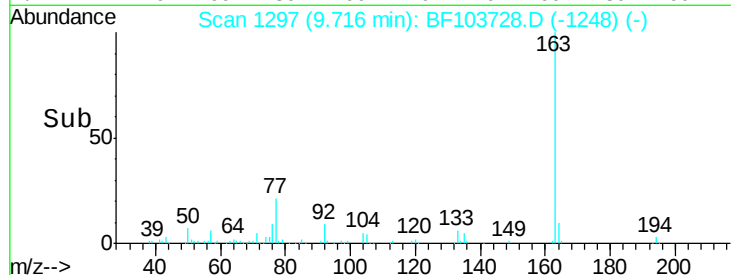
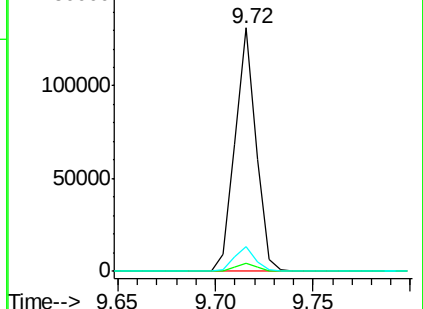
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 11.882 ng

RT: 10.01 min Scan# 1347

Delta R.T. 0.22 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

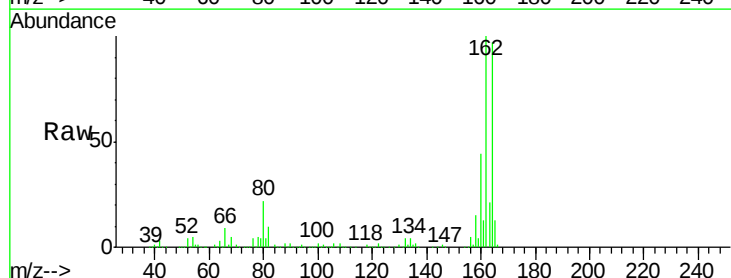
Tgt Ion:165 Resp: 32336

Ion Ratio Lower Upper

165 100

63 1.3 44.7 67.1#

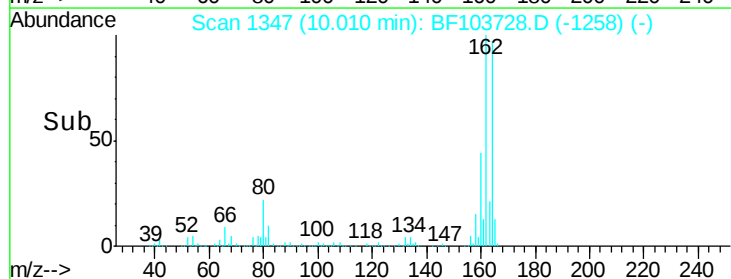
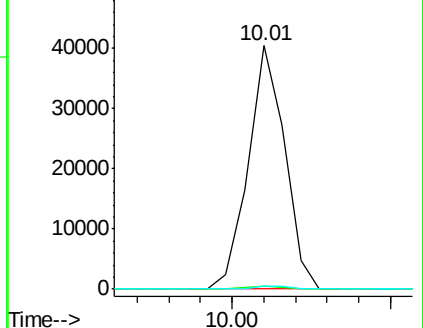
89 1.4 44.0 66.0#

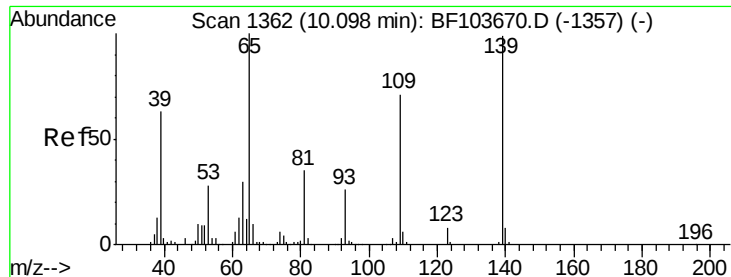


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1





#55

4-Nitrophenol

Concen: 5.173 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.12 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_F

ClientSampleId :

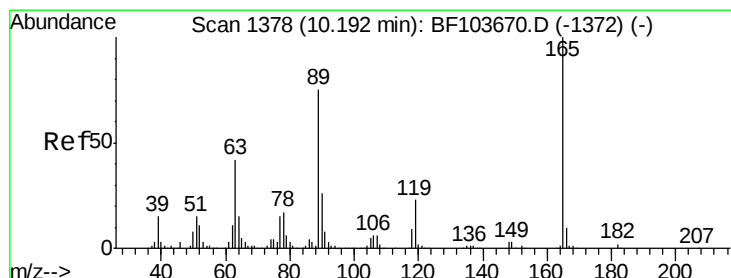
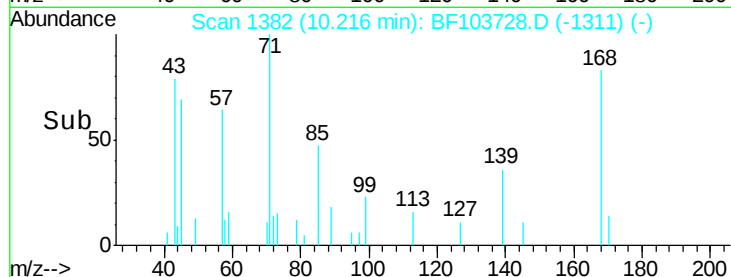
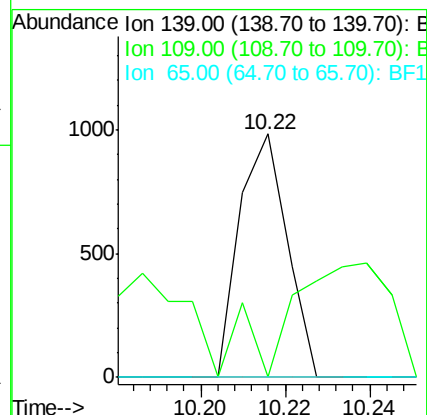
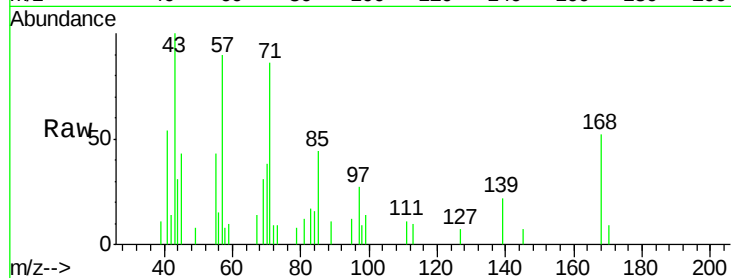
Tot Ion:139 Resp: 769

Ion Ratio Lower Upper

139 100

109 0.0 48.4 88.4#

65 0.0 72.6 112.6#



#56

2,4-Dinitrotoluene

Concen: 12.132 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.18 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Tgt Ion:165 Resp: 32336

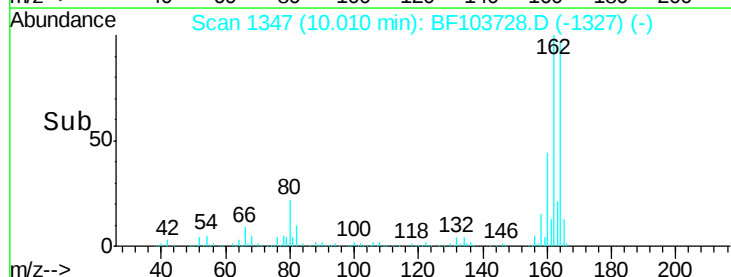
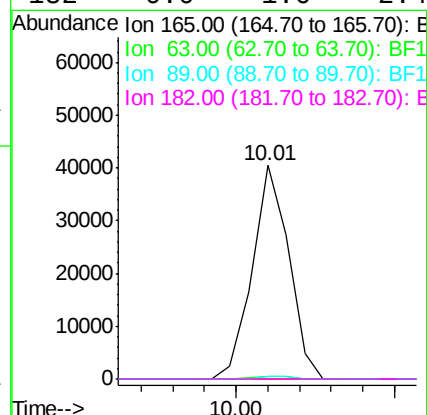
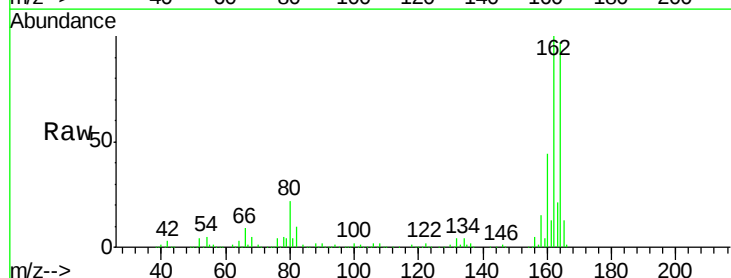
Ion Ratio Lower Upper

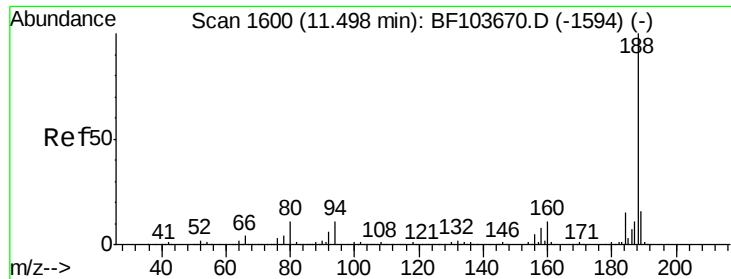
165 100

63 1.3 36.4 54.6#

89 1.4 57.8 86.6#

182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1601

Delta R.T. 0.01 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

Instrument :

BNA_F

ClientSampleId :

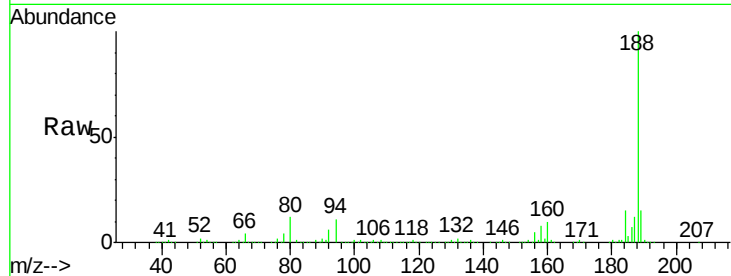
Tot Ion:188 Resp: 362792

Ion Ratio Lower Upper

188 100

94 10.9 8.5 12.7

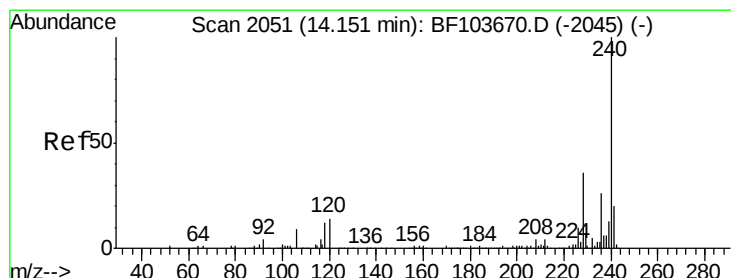
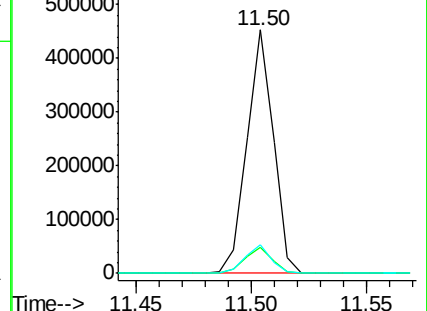
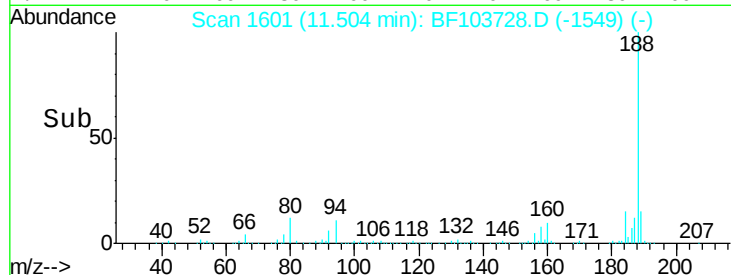
80 11.8 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2052

Delta R.T. 0.01 min

Lab File: BF103728.D

Acq: 17 Mar 2018 8:07

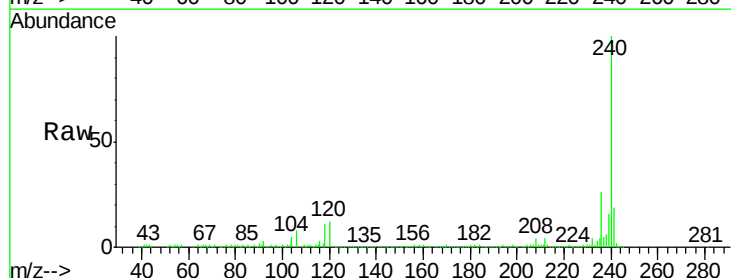
Tgt Ion:240 Resp: 318111

Ion Ratio Lower Upper

240 100

120 12.4 9.5 14.3

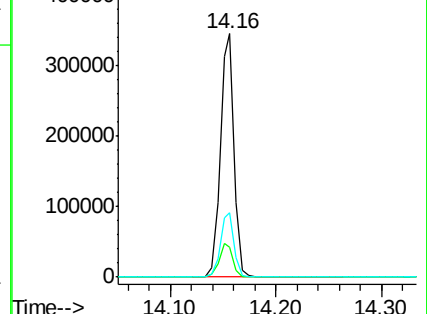
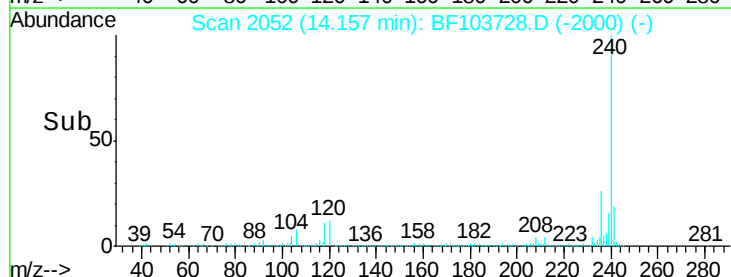
236 26.3 20.7 31.1

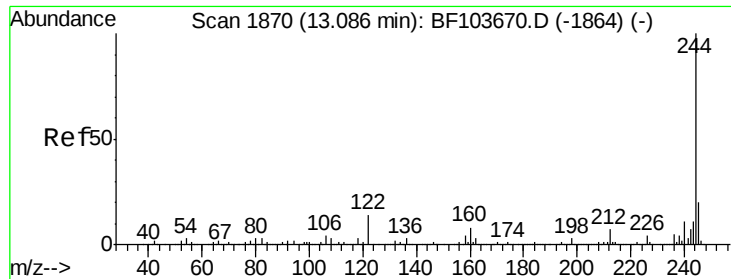


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

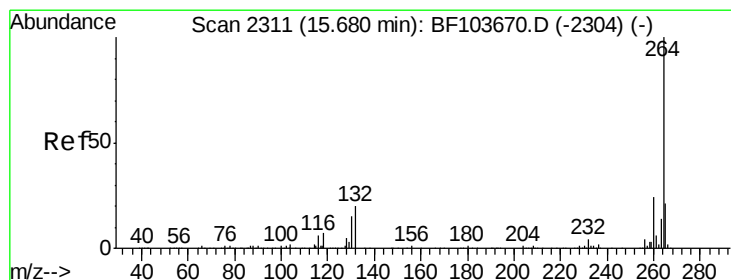
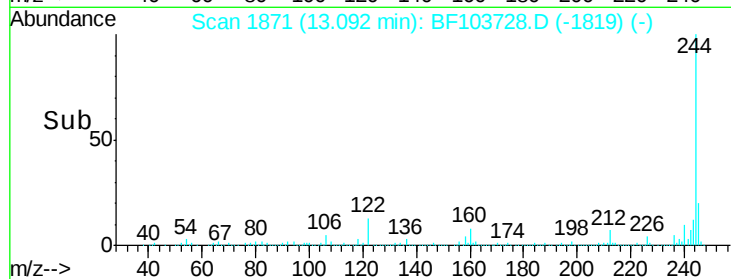
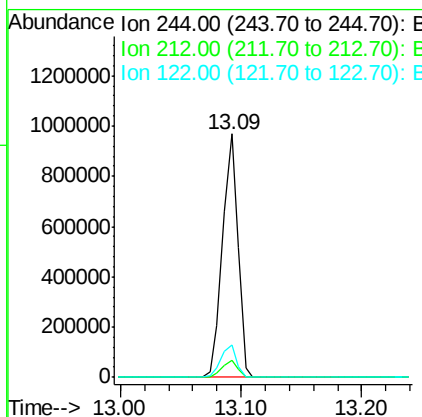
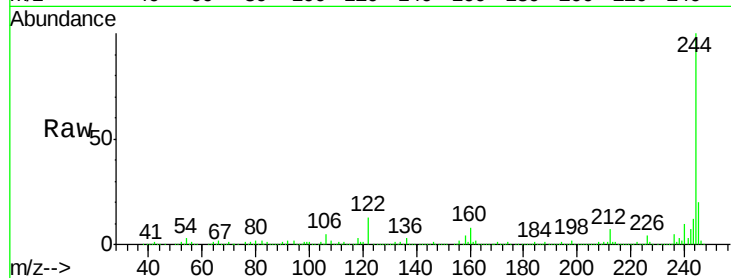




#78
 Terphenyl-d14
 Concen: 62.291 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. 0.01 min
 Lab File: BF103728.D
 Acq: 17 Mar 2018 8:07

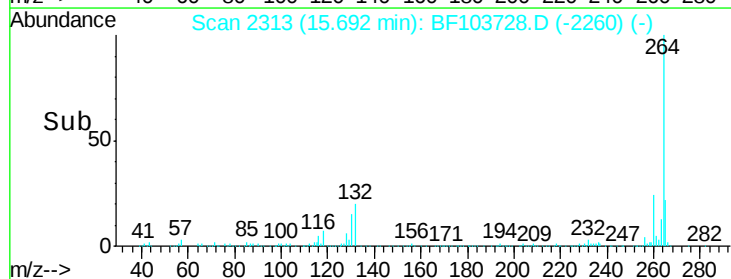
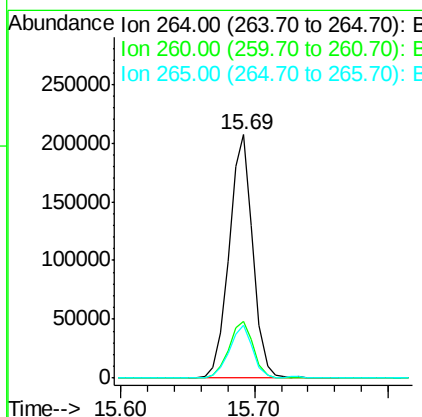
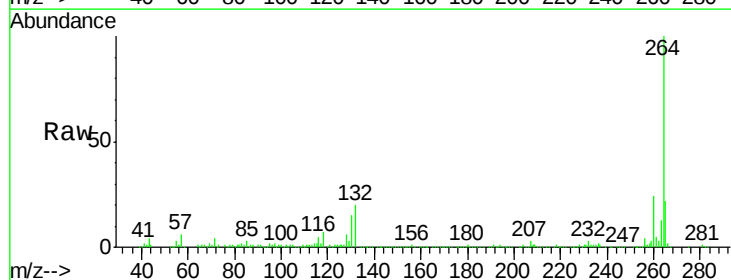
Instrument :
 BNA_F
 ClientSampleId :

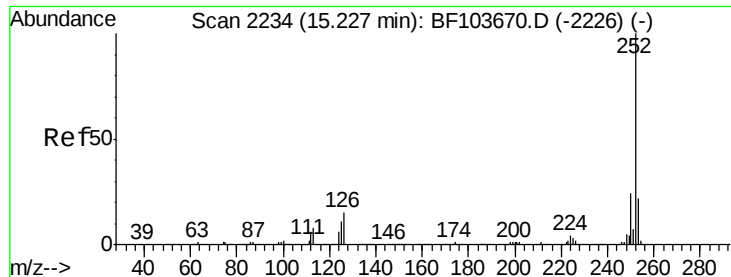
Tot Ion:244 Resp: 853698
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2313
 Delta R.T. 0.01 min
 Lab File: BF103728.D
 Acq: 17 Mar 2018 8:07

Tgt Ion:264 Resp: 258022
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.6 17.5 26.3

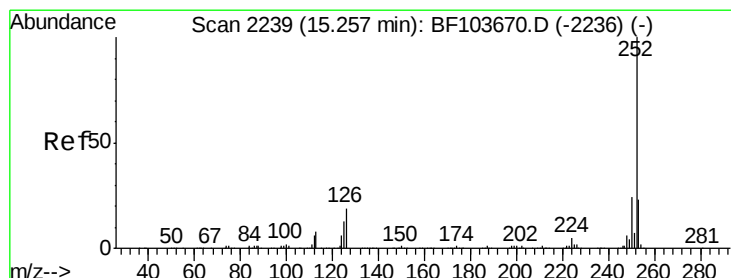
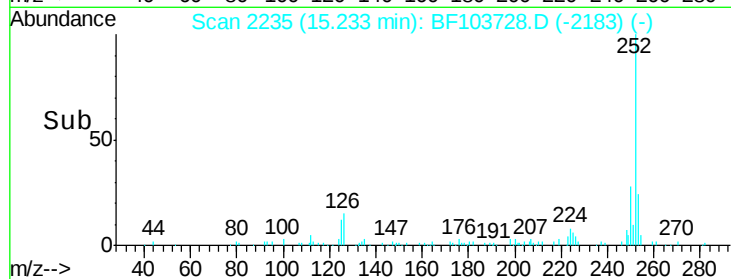
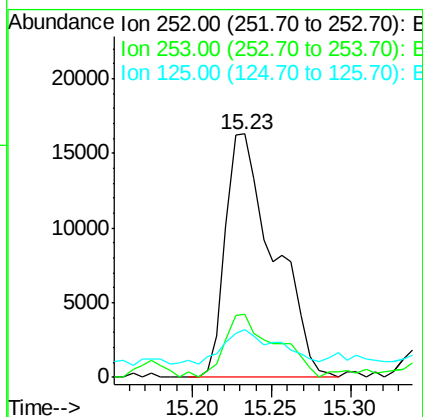
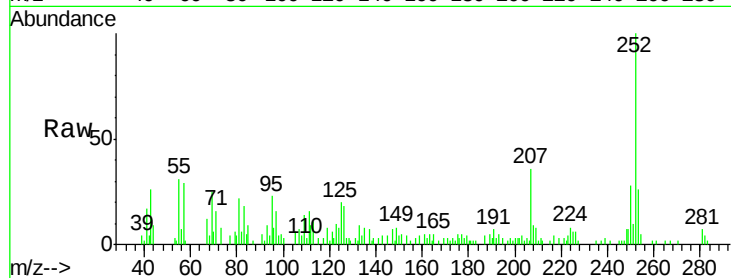




#87
Benzo(b)fluoranthene
Concen: 2.132 ng
RT: 15.23 min Scan# 2235
Delta R.T. 0.01 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 34748
Ion Ratio Lower Upper
252 100
253 25.7 17.0 25.6#
125 19.5 9.0 13.6#



#88
Benzo(k)fluoranthene
Concen: 2.218 ng
RT: 15.23 min Scan# 2235
Delta R.T. -0.02 min
Lab File: BF103728.D
Acq: 17 Mar 2018 8:07

Tgt Ion:252 Resp: 34748
Ion Ratio Lower Upper
252 100
253 25.7 17.9 26.9
125 19.5 10.2 15.2#

