

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107015.D
 Acq On : 30 Jun 2018 15:29
 Operator : JU/SJ
 Sample : J3629-06 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 02 04:05:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

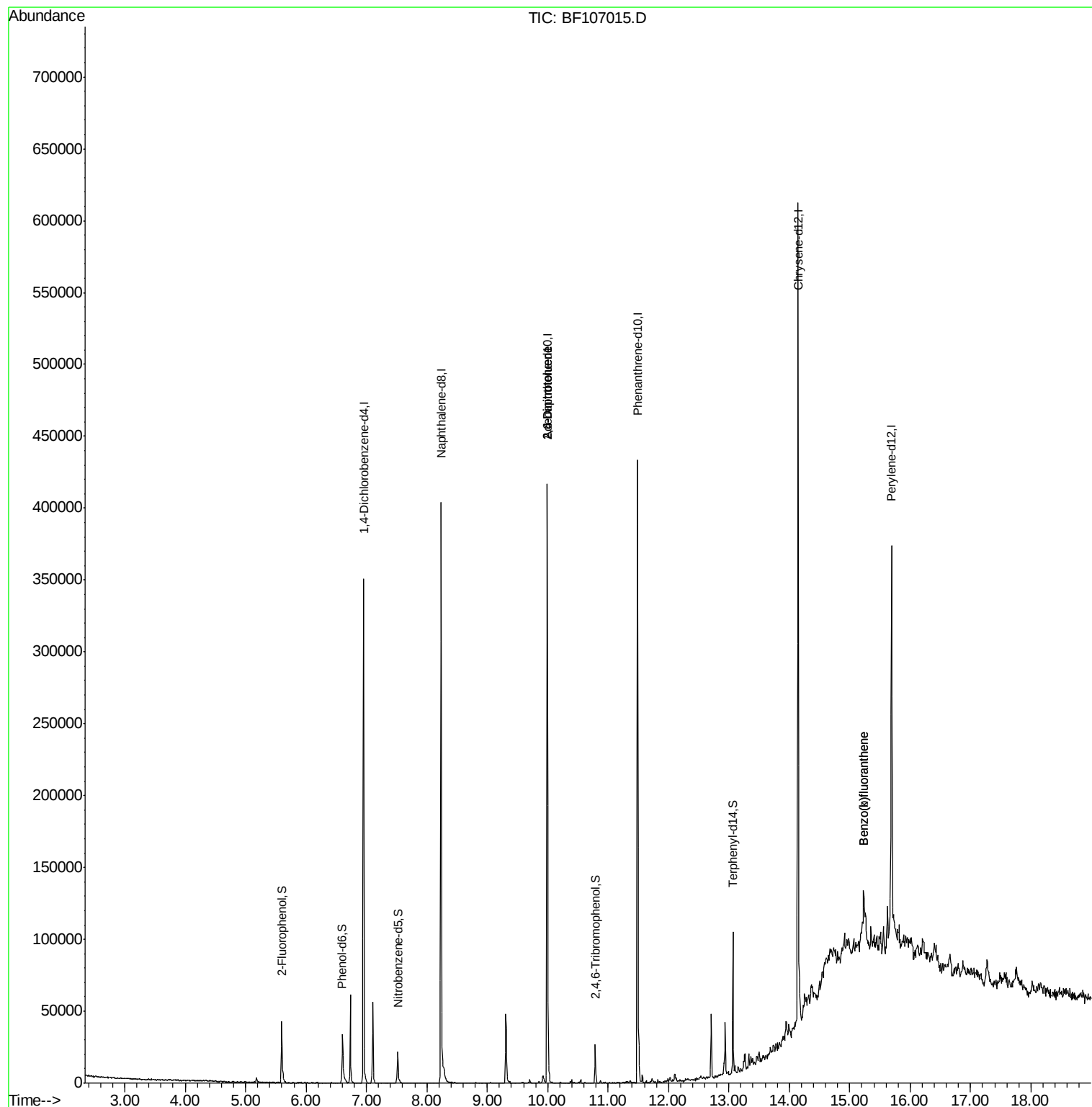
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59461	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	215478	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	90841	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	183373	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	214264	20.00	ng	-0.02
86) Perylene-d12	15.69	264	141346	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	17801	5.07	ng	0.00
7) Phenol-d6	6.60	99	20572	4.69	ng	-0.01
23) Nitrobenzene-d5	7.52	82	11018	2.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	4598	4.37	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	24523	-12.32	ng	-0.02
78) Terphenyl-d14	13.07	244	34619	3.91	ng	-0.02
Target Compounds						
50) 2,6-Dinitrotoluene	10.00	165	11301	7.833	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	11301	6.001	ng	# 21
87) Benzo(b)fluoranthene	15.23	252	23875	2.719	ng	# 87
88) Benzo(k)fluoranthene	15.23	252	23875	2.855	ng	# 90

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

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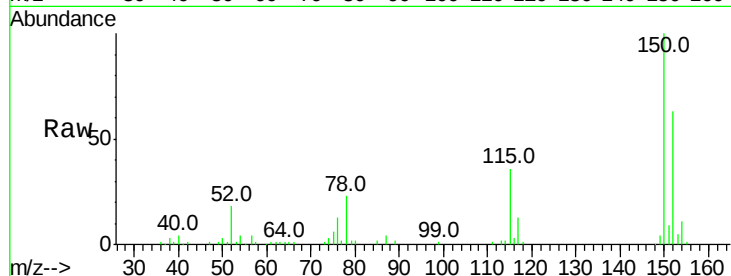


#1

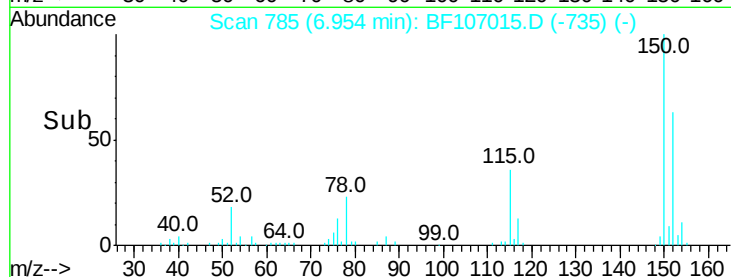
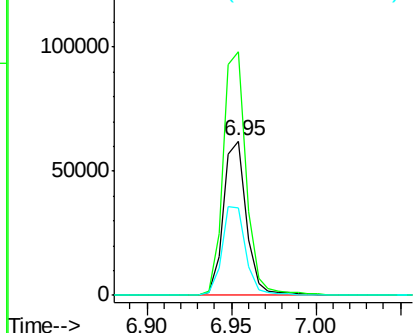
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 59461
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 56.4 50.1 75.1



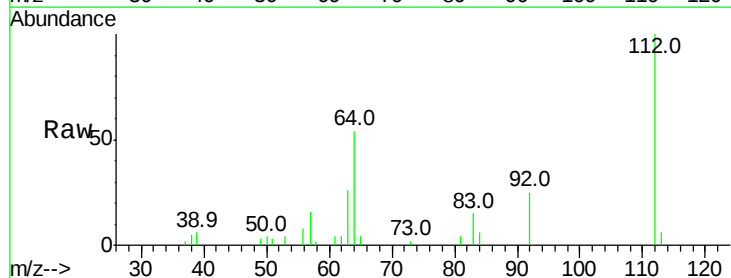
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



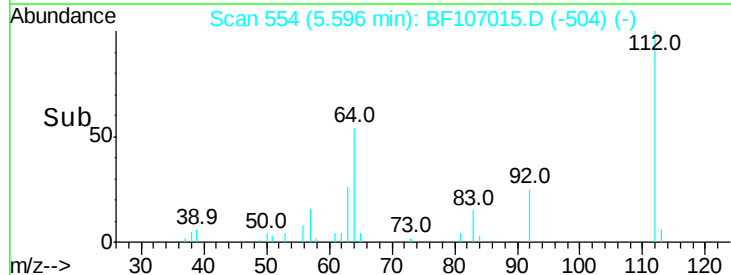
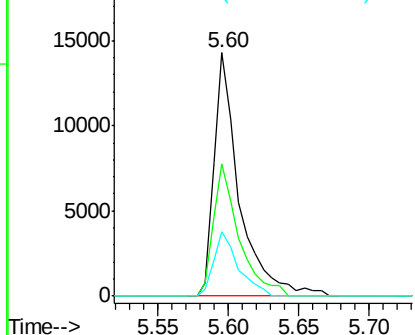
#5

2-Fluorophenol
Concen: 5.069 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion:112 Resp: 17801
Ion Ratio Lower Upper
112 100
64 54.4 47.9 71.9
63 26.3 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: 4.691 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Instrument :

BNA_F

ClientSampleId :

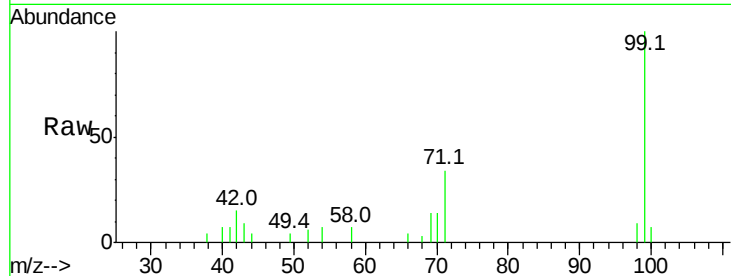
Tot Ion: 99 Resp: 20572

Ion Ratio Lower Upper

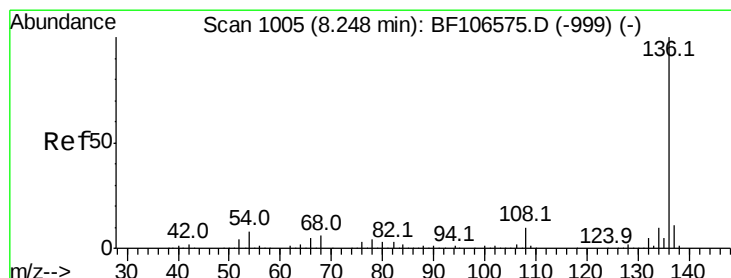
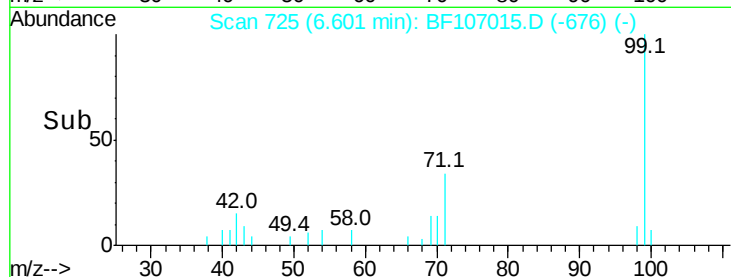
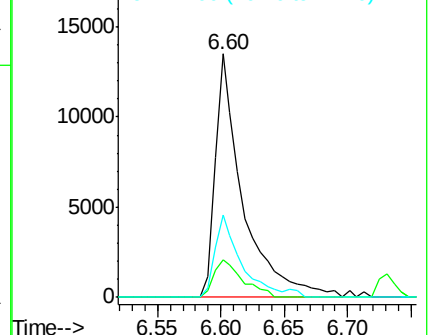
99 100

42 15.4 14.5 21.7

71 34.0 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Tgt Ion: 136 Resp: 215478

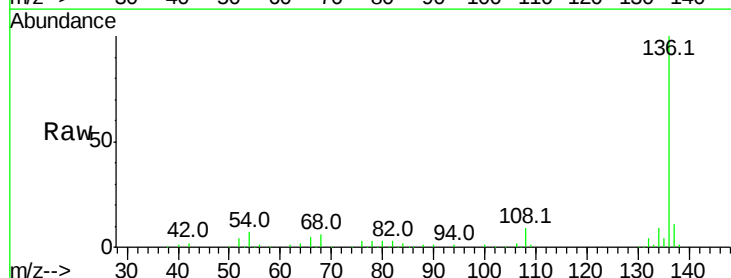
Ion Ratio Lower Upper

136 100

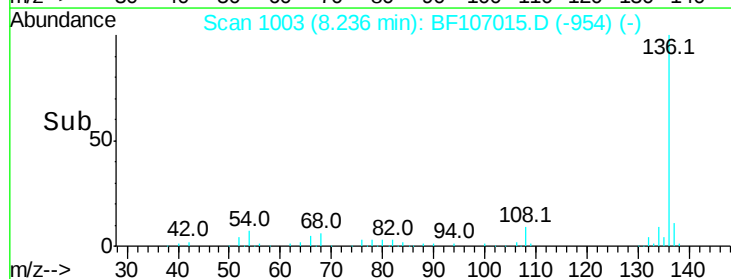
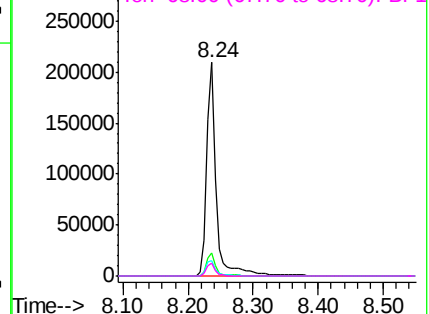
137 10.7 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

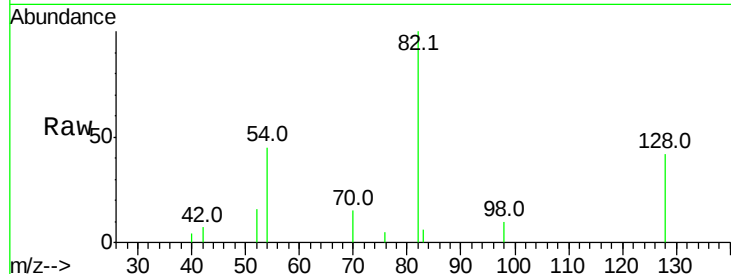




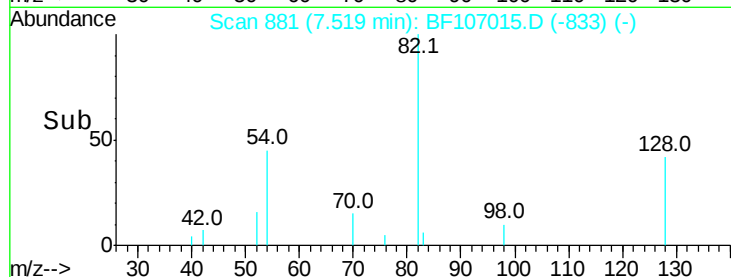
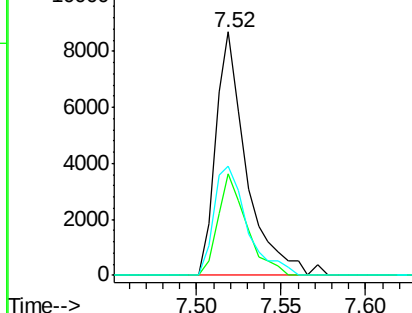
#23
 Nitrobenzene-d5
 Concen: 2.842 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	11018
Ion Ratio	Lower	Upper	
82	100		
128	41.8	36.1	54.1
54	45.1	41.4	62.2

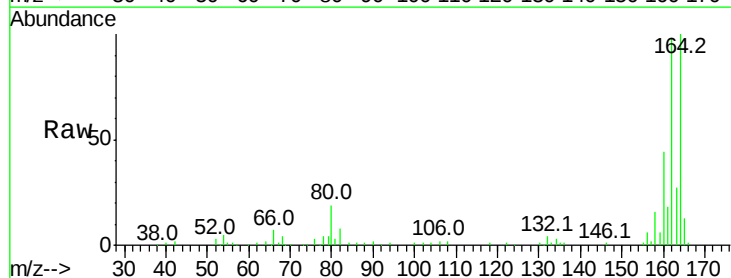


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

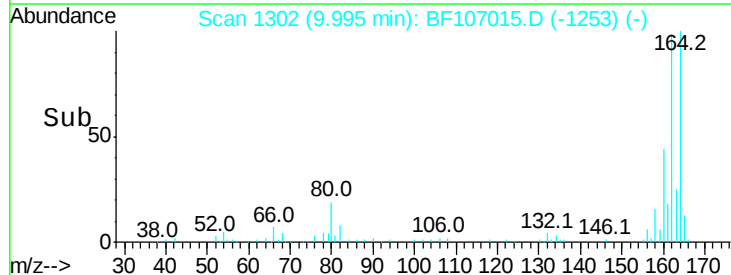
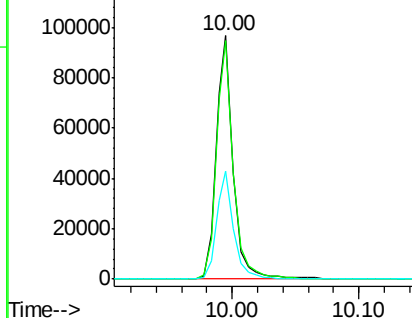


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Tgt Ion	164	Resp	90841
Ion Ratio	Lower	Upper	
164	100		
162	98.2	86.1	129.1
160	44.4	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

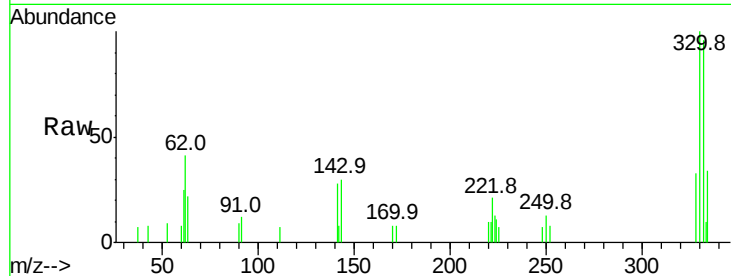




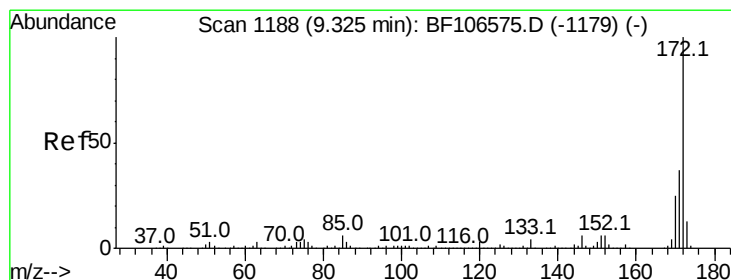
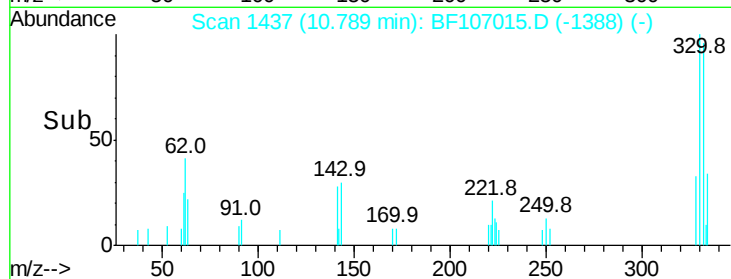
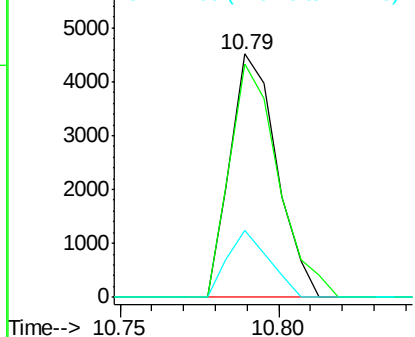
#41
 2,4,6-Tribromophenol
 Concen: 4.367 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 4598
 Ion Ratio Lower Upper
 330 100
 332 99.7 77.0 115.6
 141 24.4 29.9 44.9#

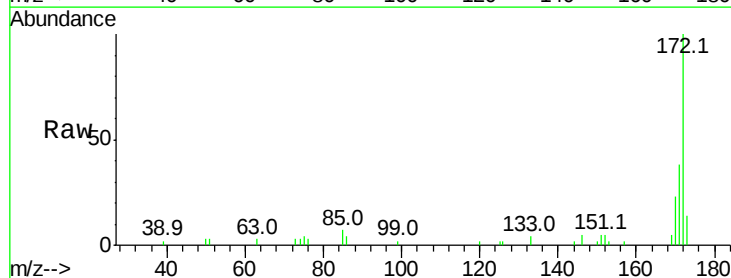


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

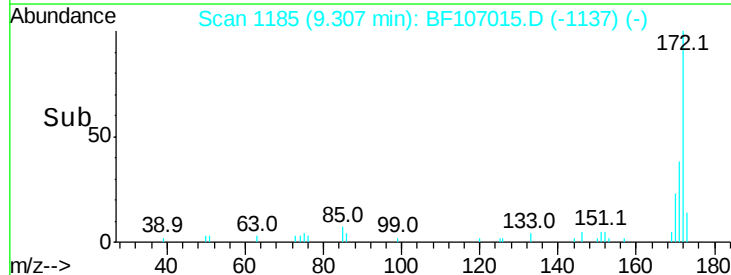
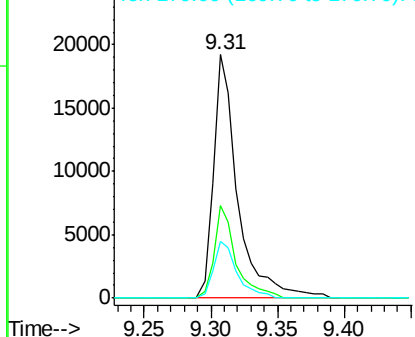


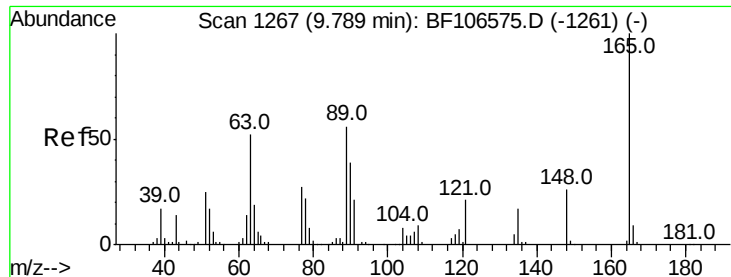
#44
 2-Fluorobiphenyl
 Concen: -12.320 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Tgt Ion:172 Resp: 24523
 Ion Ratio Lower Upper
 172 100
 171 38.0 29.7 44.5
 170 23.4 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

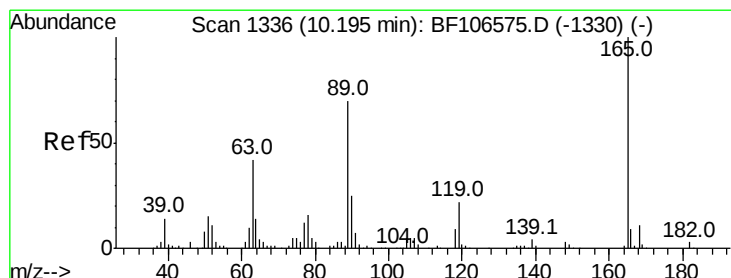
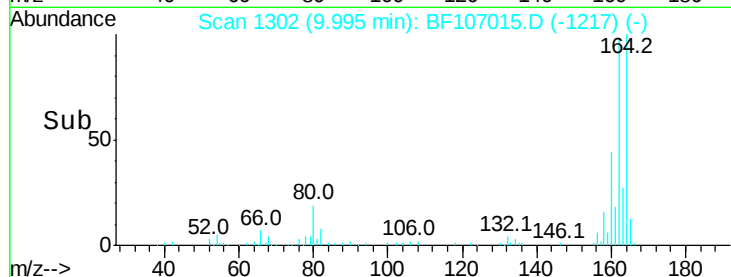
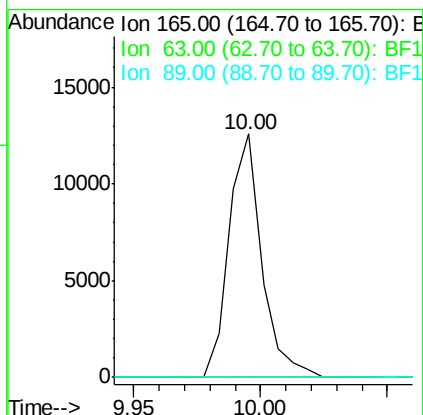
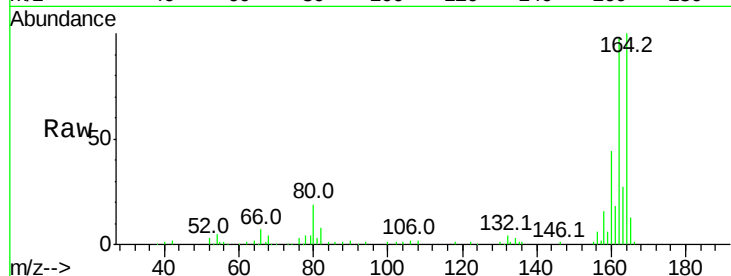




#50
 2,6-Dinitrotoluene
 Concen: 7.833 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

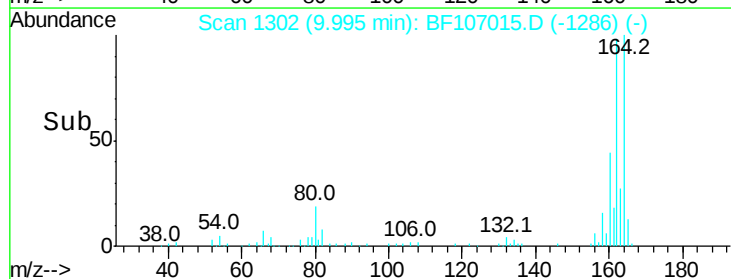
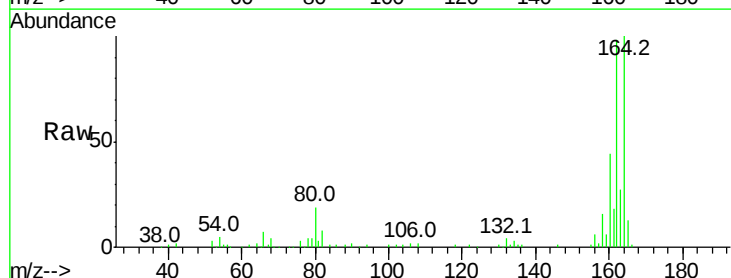
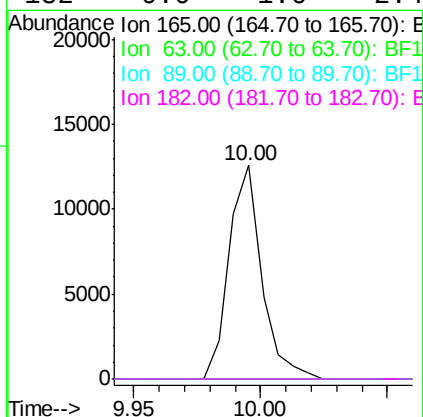
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 11301
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.001 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.21 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Tgt Ion:165 Resp: 11301
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 0.0 57.8 86.6#
 182 0.0 1.6 2.4#

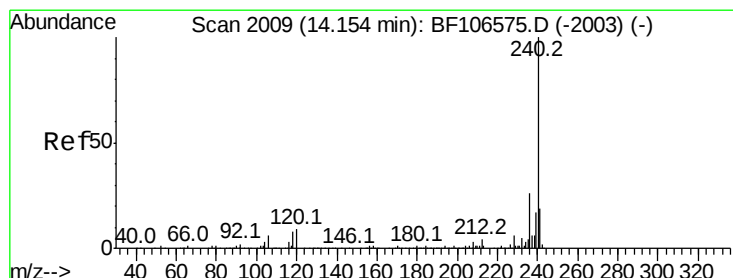
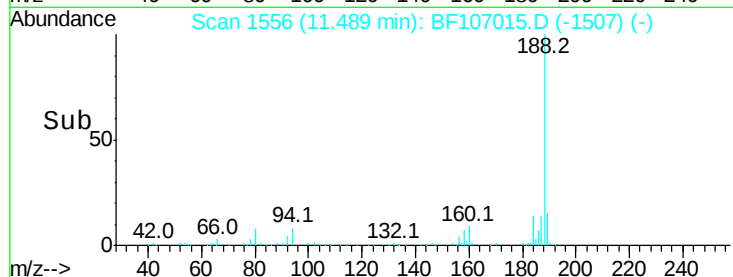
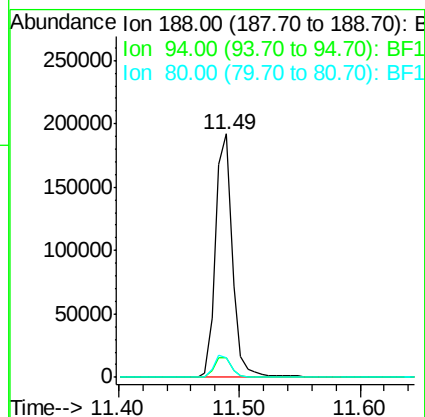
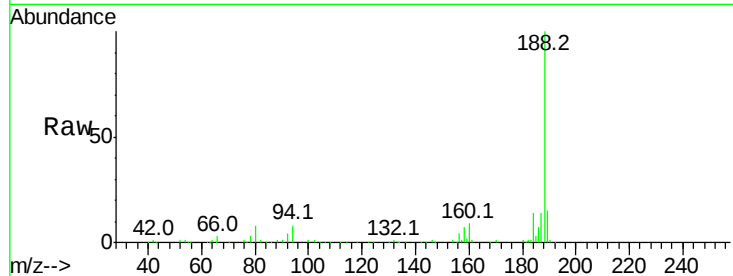




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

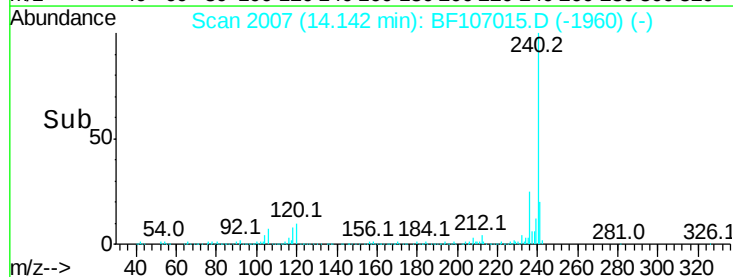
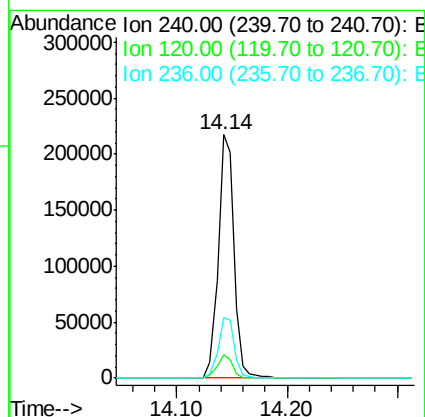
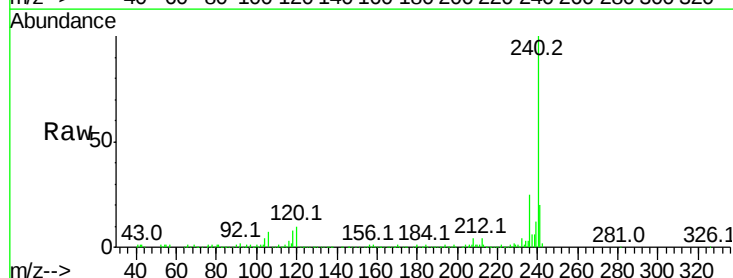
Instrument :
BNA_F
ClientSampleId :

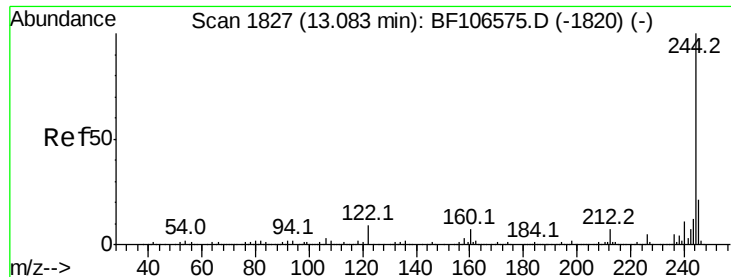
Tot Ion:188 Resp: 183373
Ion Ratio Lower Upper
188 100
94 8.0 8.5 12.7#
80 8.0 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF107015.D
Acq: 30 Jun 2018 15:29

Tgt Ion:240 Resp: 214264
Ion Ratio Lower Upper
240 100
120 9.7 9.5 14.3
236 25.1 20.7 31.1

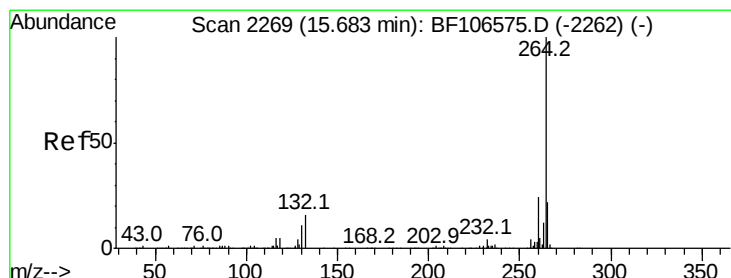
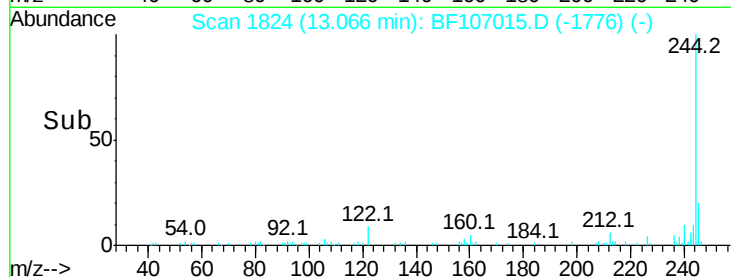
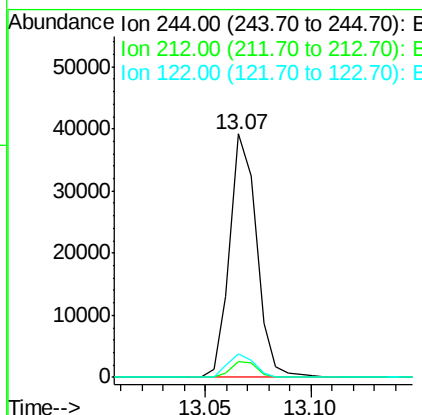
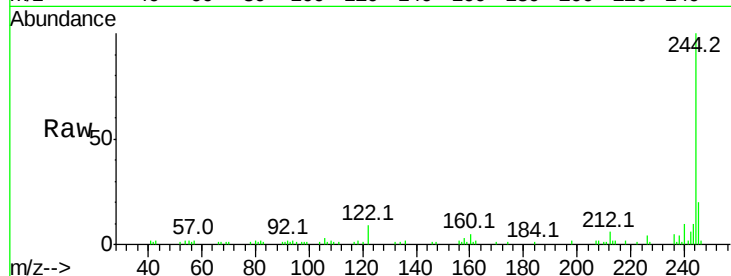




#78
 Terphenyl-d14
 Concen: 3.914 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

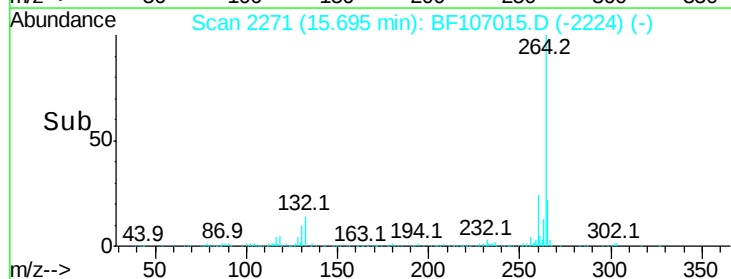
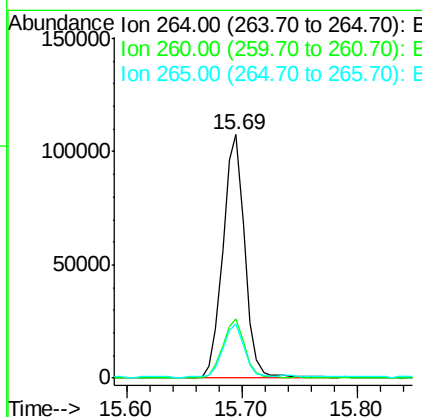
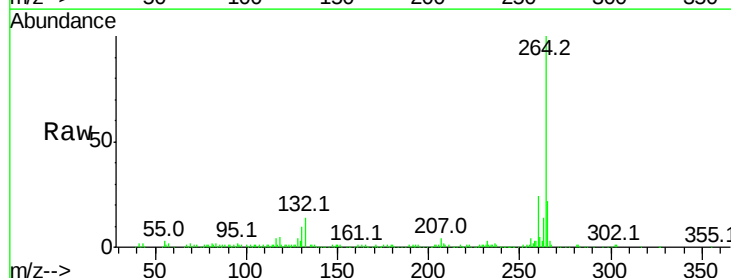
Instrument :
 BNA_F
 ClientSampled :

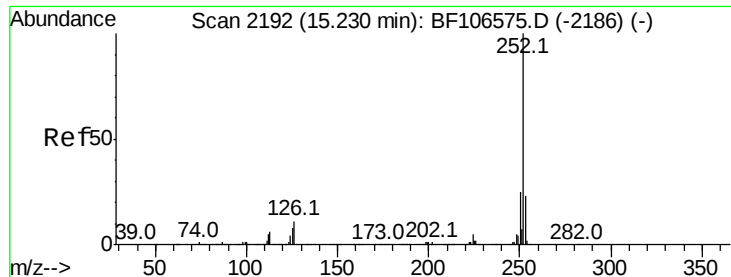
Tot Ion:244 Resp: 34619
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.4 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.02 min
 Lab File: BF107015.D
 Acq: 30 Jun 2018 15:29

Tgt Ion:264 Resp: 141346
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.4 17.5 26.3





#87

Benzo(b)fluoranthene

Concen: 2.719 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Instrument :

BNA_F

ClientSampleId :

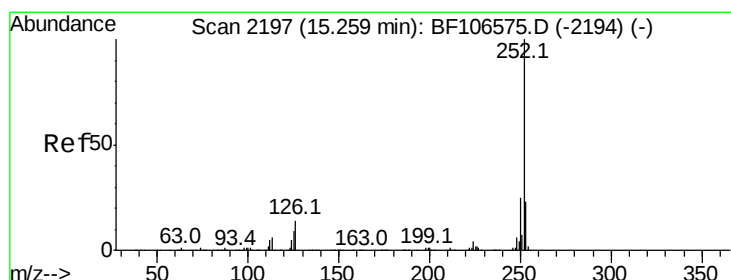
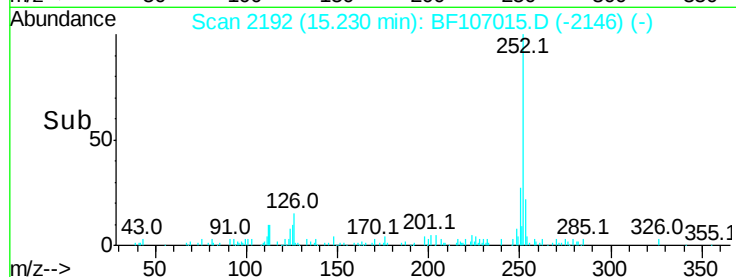
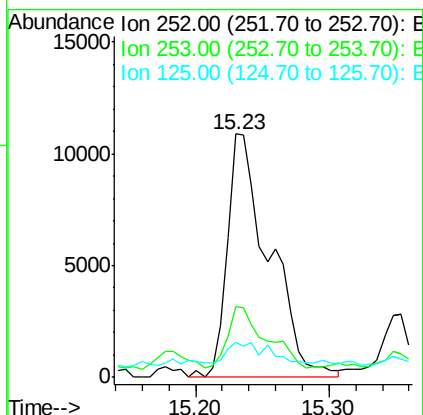
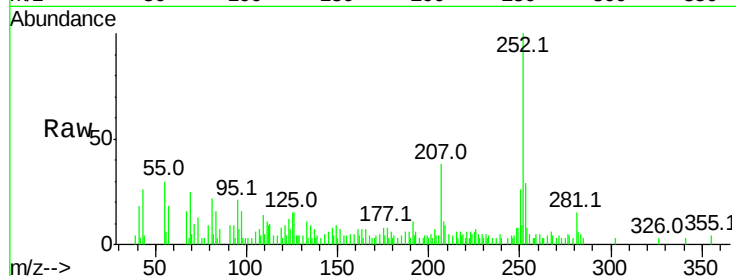
Tot Ion:252 Resp: 23875

Ion Ratio Lower Upper

252 100

253 28.8 17.0 25.6#

125 14.6 9.0 13.6#



#88

Benzo(k)fluoranthene

Concen: 2.855 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.06 min

Lab File: BF107015.D

Acq: 30 Jun 2018 15:29

Tgt Ion:252 Resp: 23875

Ion Ratio Lower Upper

252 100

253 28.8 17.9 26.9#

125 14.6 10.2 15.2

