

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107023.D
 Acq On : 30 Jun 2018 19:03
 Operator : JU/SJ
 Sample : J3629-13 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

Quant Time: Jul 02 11:25:02 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

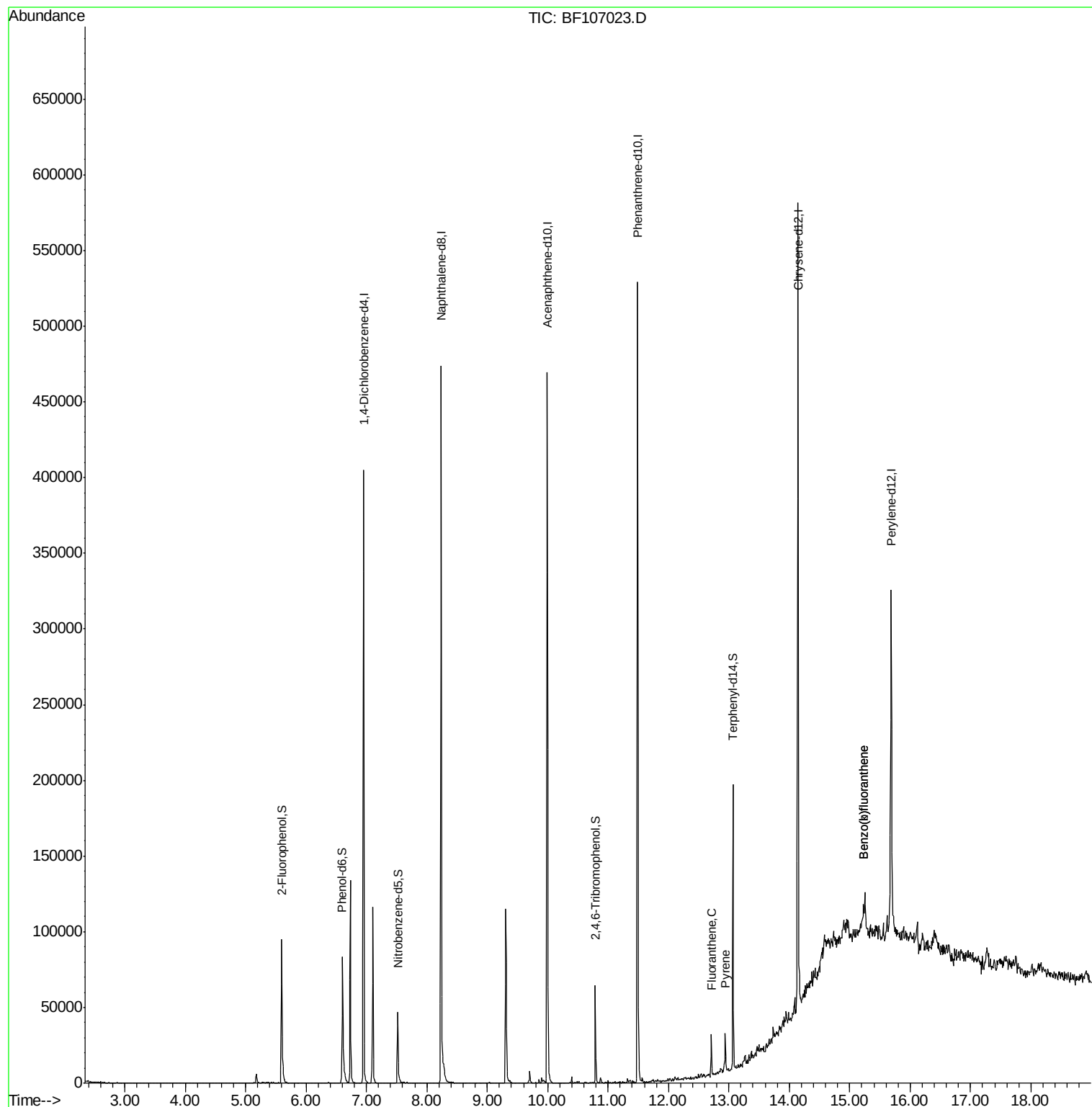
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62792	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	230366	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	100104	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	205663	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	183054	20.00	ng	-0.02
86) Perylene-d12	15.69	264	124625	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	35283	9.51	ng	0.00
7) Phenol-d6	6.60	99	41751	9.02	ng	-0.01
23) Nitrobenzene-d5	7.52	82	21853	5.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	10788	9.30	ng	-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
78) Terphenyl-d14	13.07	244	67629	8.95	ng	-0.02
Target Compounds						
74) Fluoranthene	12.71	202	12314	1.126	ng	96
77) Pyrene	12.94	202	12301	1.019	ng	100
87) Benzo(b)fluoranthene	15.23	252	11614	1.500	ng	# 69
88) Benzo(k)fluoranthene	15.23	252	11614	1.575	ng	# 72

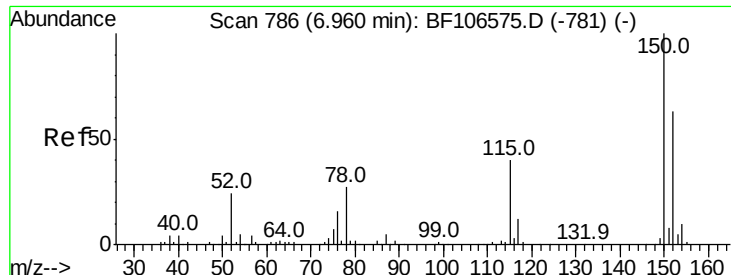
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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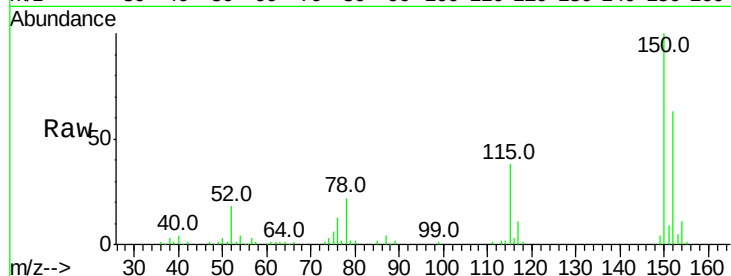


#1

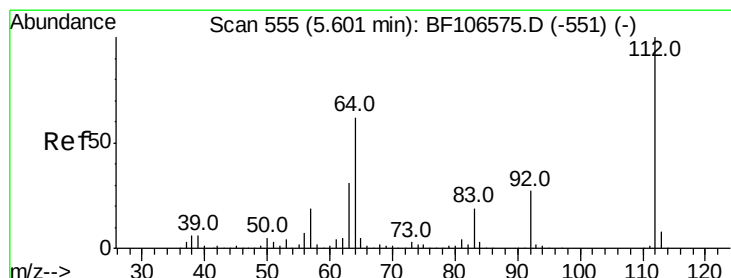
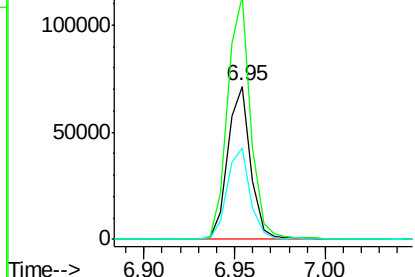
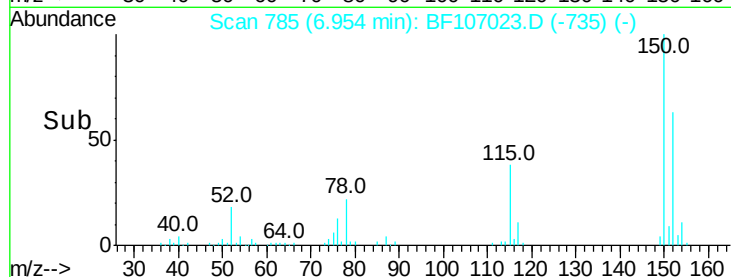
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Instrument :
BNA_F
ClientSampleId :
A0C14-01

Tot Ion:152 Resp: 62792
Ion Ratio Lower Upper
152 100
150 159.1 124.6 186.8
115 59.9 50.1 75.1



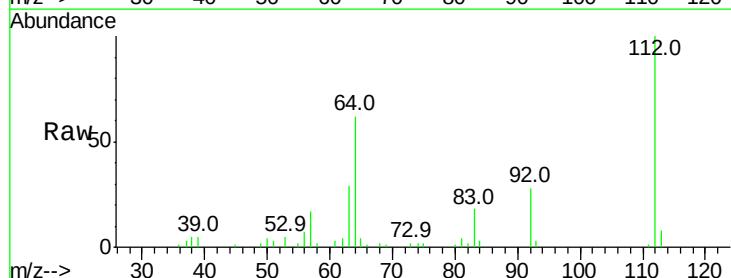
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



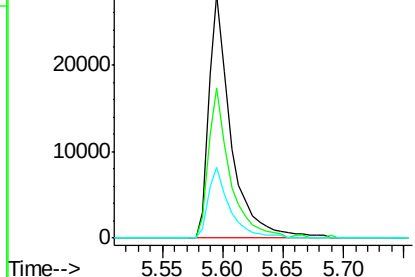
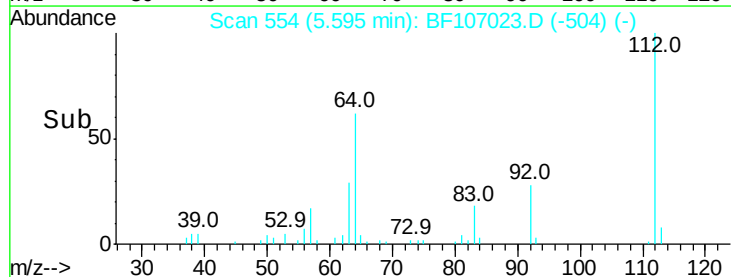
#5

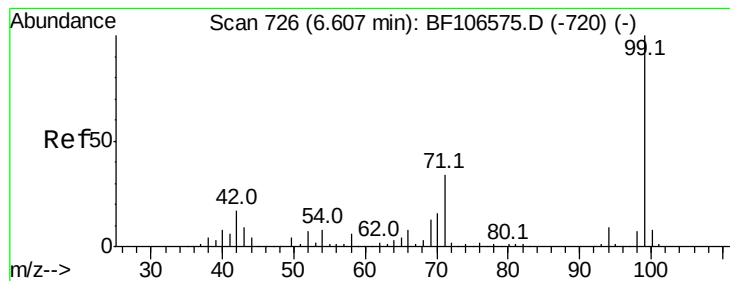
2-Fluorophenol
Concen: 9.515 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Tgt Ion:112 Resp: 35283
Ion Ratio Lower Upper
112 100
64 61.6 47.9 71.9
63 29.3 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: 9.016 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Instrument :

BNA_F

ClientSampleId :

A0C14-01

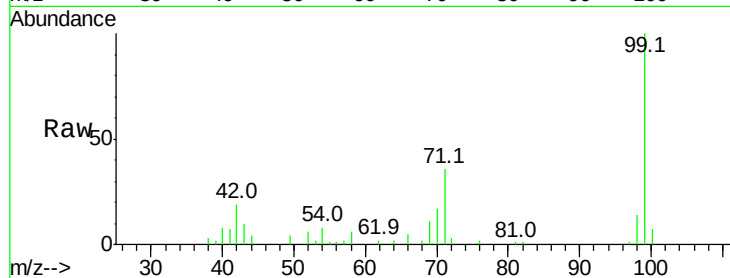
Tot Ion: 99 Resp: 41751

Ion Ratio Lower Upper

99 100

42 18.5 14.5 21.7

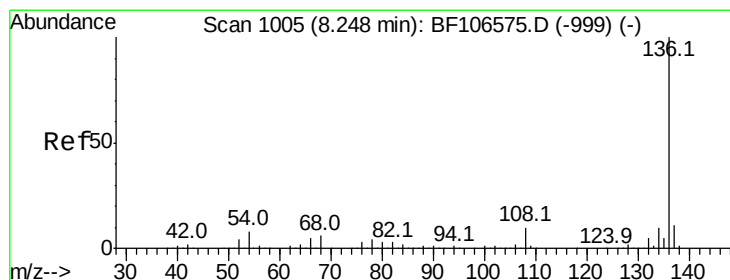
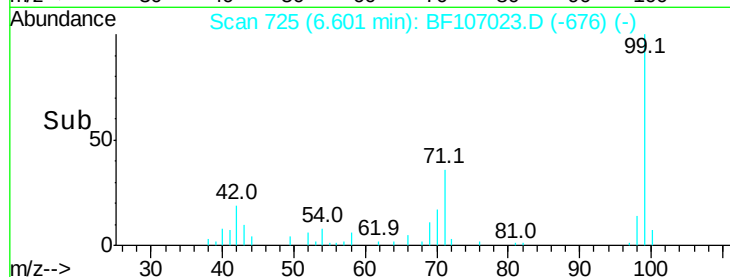
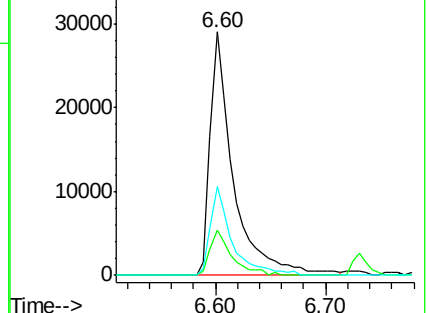
71 36.4 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Tgt Ion: 136 Resp: 230366

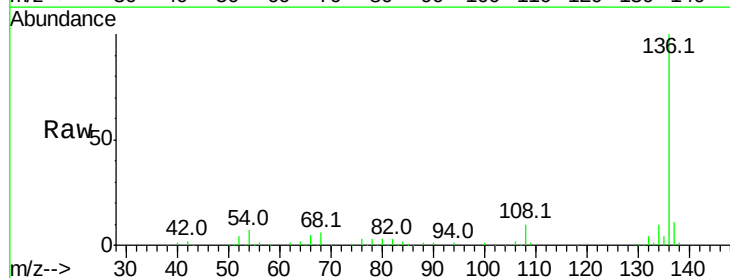
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

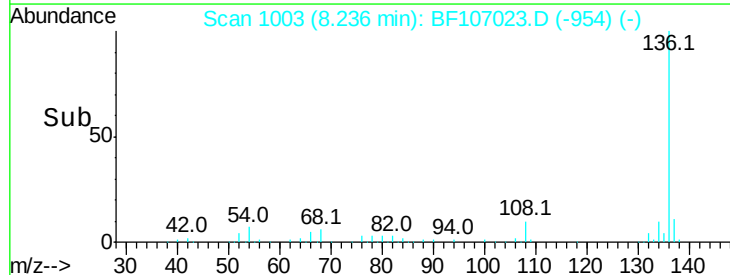
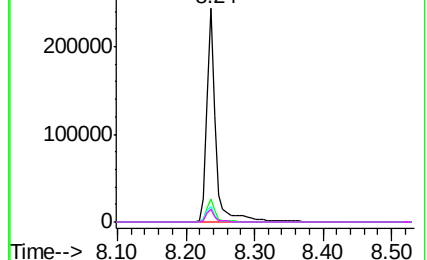


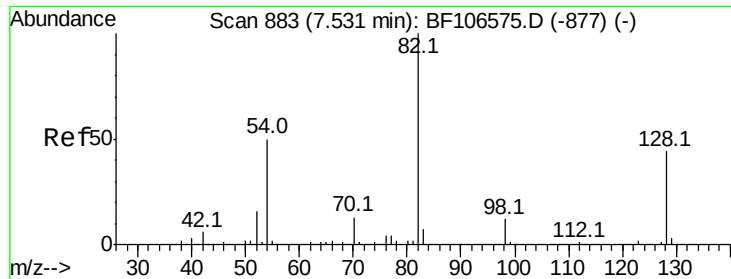
Abundance Ion 136.00 (135.70 to 136.70): E

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

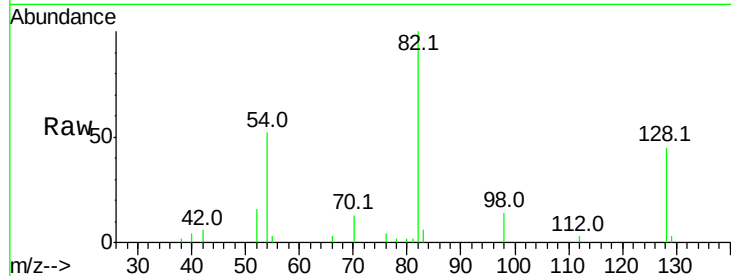




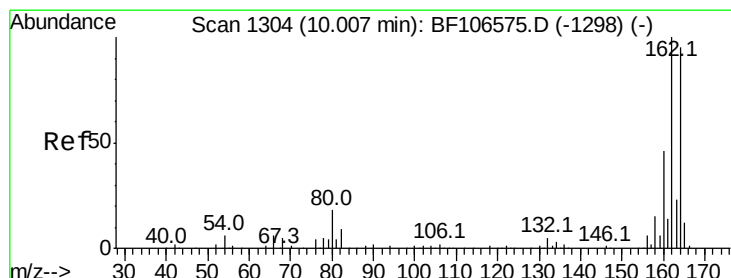
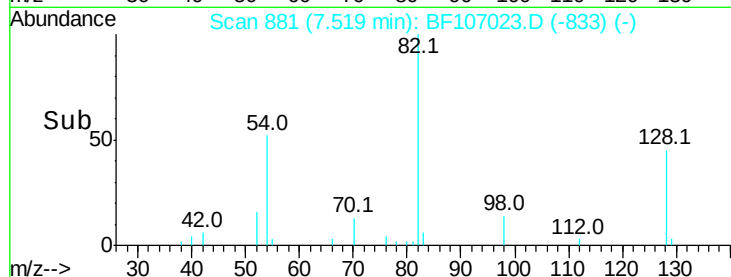
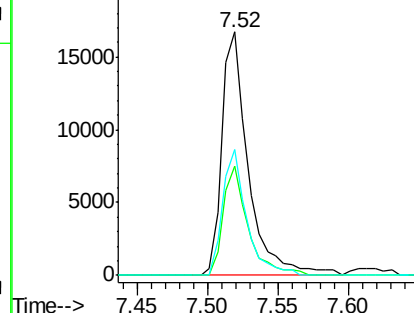
#23
 Nitrobenzene-d5
 Concen: 5.272 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Instrument :
 BNA_F
 ClientSampleId :
 A0C14-01

Tot Ion	82	Resp	21853
Ion Ratio	Lower	Upper	
82	100		
128	45.0	36.1	54.1
54	51.7	41.4	62.2

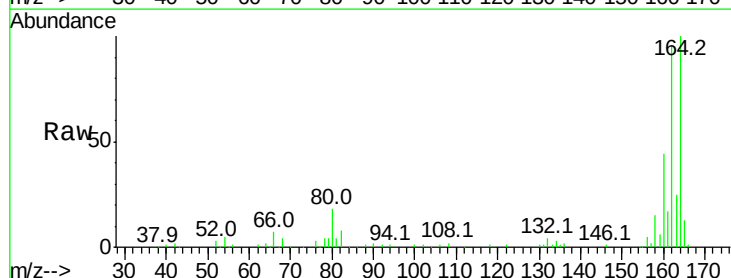


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

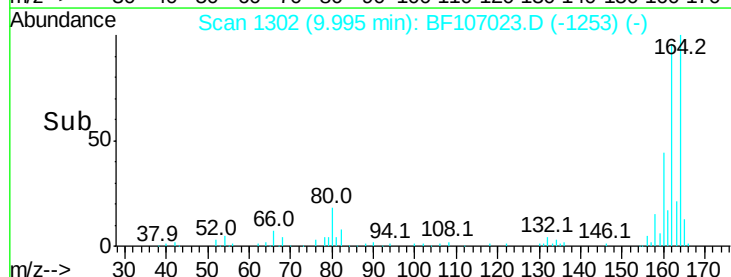
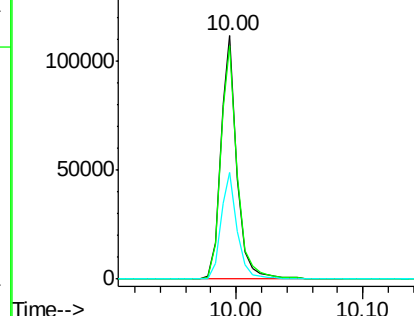


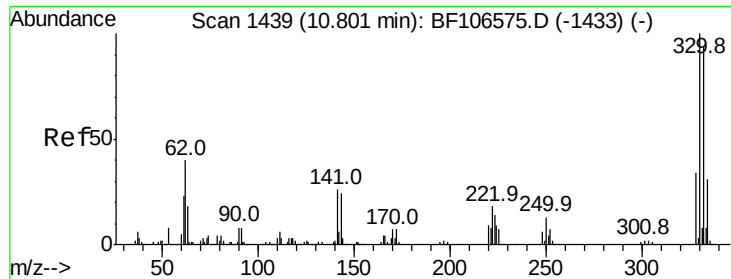
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF107023.D
 Acq: 30 Jun 2018 19:03

Tgt Ion	164	Resp	100104
Ion Ratio	Lower	Upper	
164	100		
162	95.7	86.1	129.1
160	43.8	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: 9.298 ng

RT: 10.79 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Instrument :

BNA_F

ClientSampleId :

A0C14-01

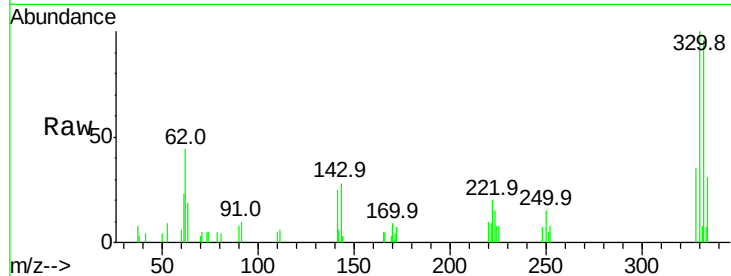
Tot Ion:330 Resp: 10788

Ion Ratio Lower Upper

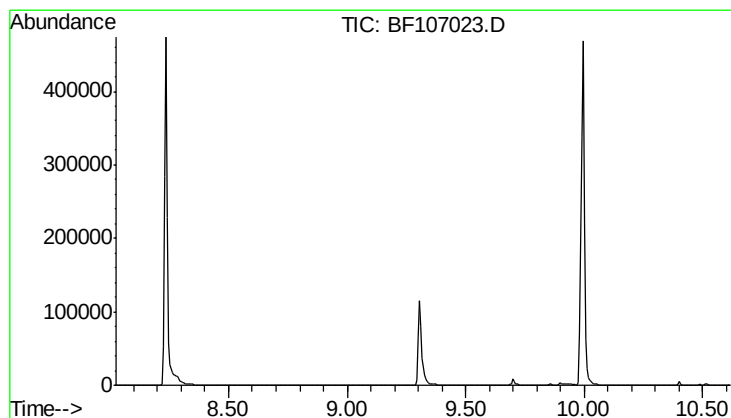
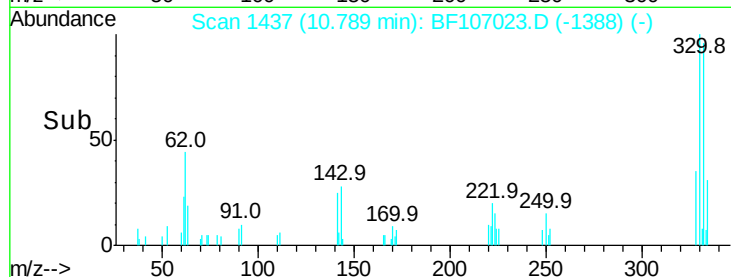
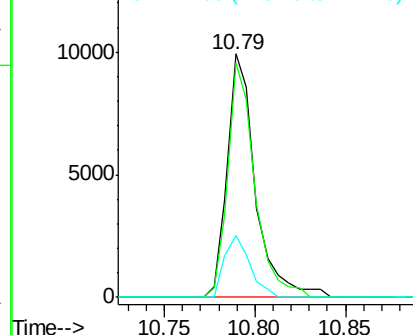
330 100

332 91.9 77.0 115.6

141 22.7 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: 0.000 ng

Expected RT: 9.32 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

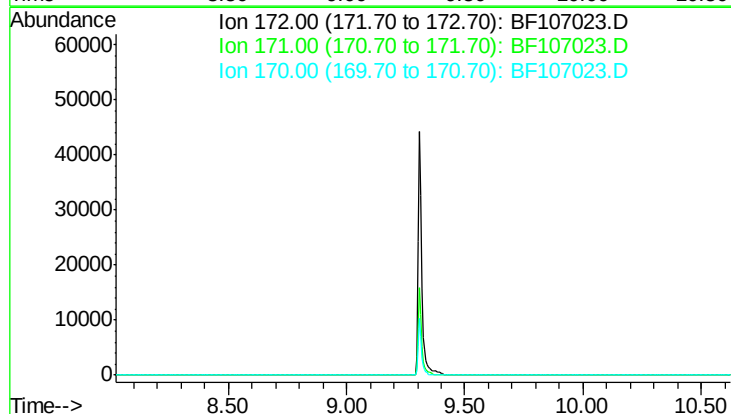
Tgt Ion: 172

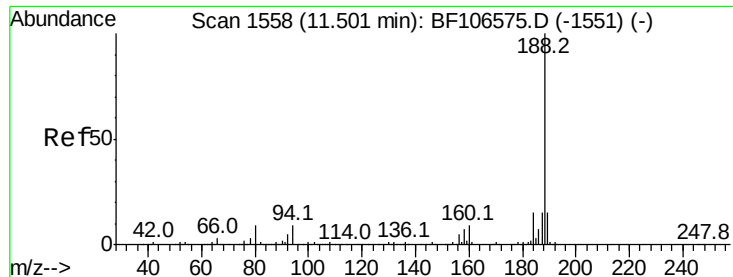
Sig Exp Ratio

172 100

171 37.1

170 24.5

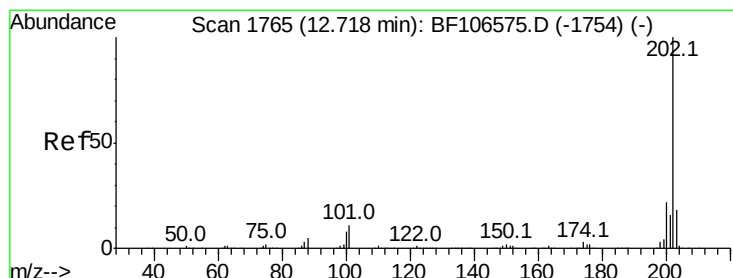
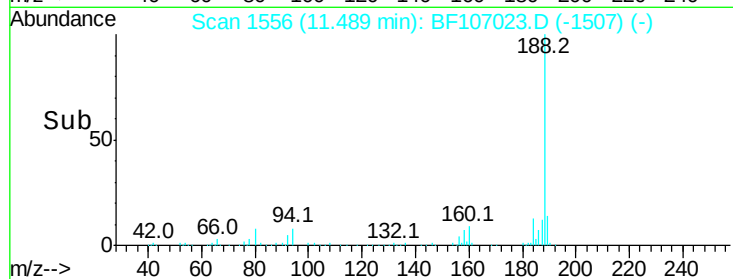
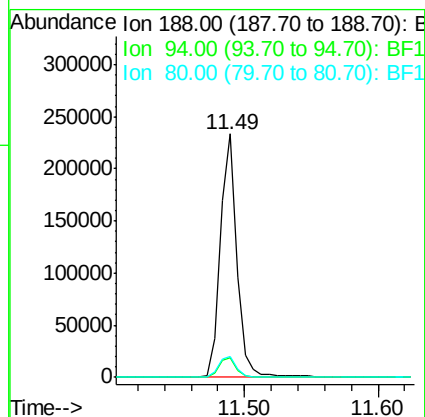
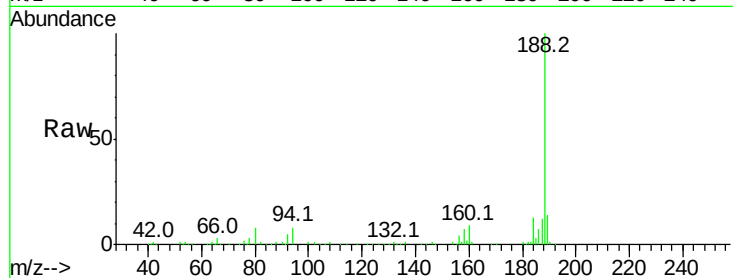




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

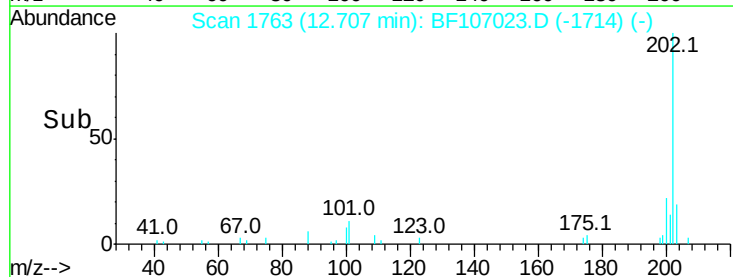
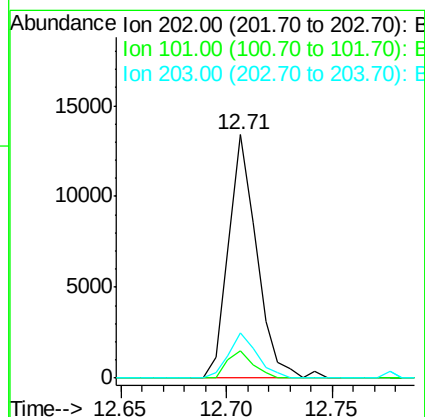
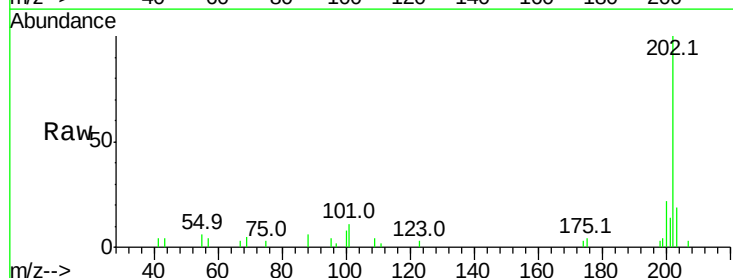
Instrument :
BNA_F
ClientSampleId :
A0C14-01

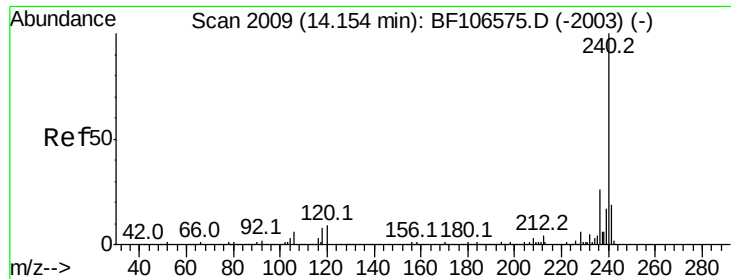
Tot Ion:188 Resp: 205663
Ion Ratio Lower Upper
188 100
94 7.9 8.5 12.7#
80 8.4 9.2 13.8#



#74
Fluoranthene
Concen: 1.126 ng
RT: 12.71 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF107023.D
Acq: 30 Jun 2018 19:03

Tgt Ion:202 Resp: 12314
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 18.7 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Instrument :

BNA_F

ClientSampleId :

A0C14-01

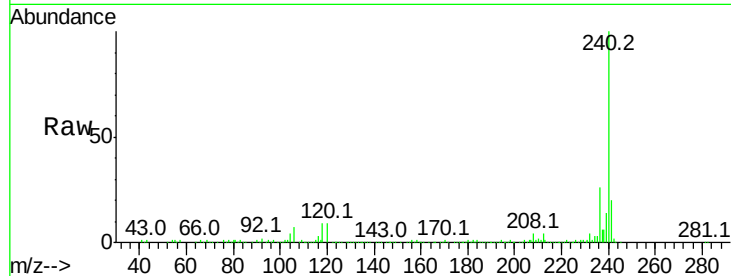
Tot Ion:240 Resp: 183054

Ion Ratio Lower Upper

240 100

120 8.9 9.5 14.3#

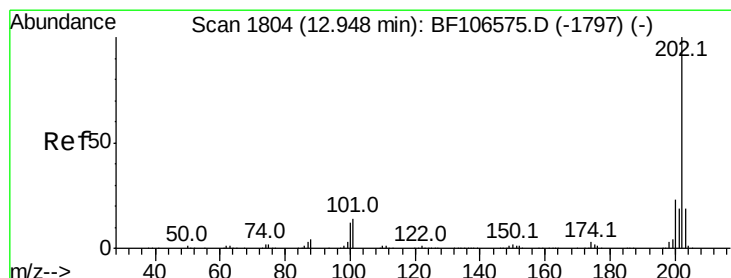
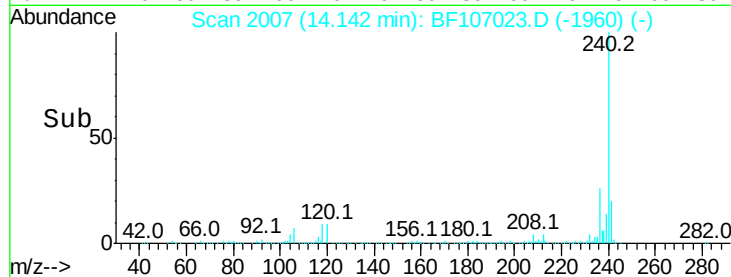
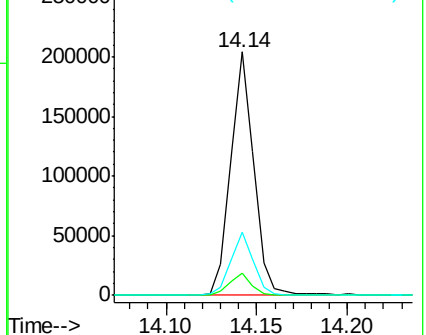
236 25.9 20.7 31.1



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: 1.019 ng

RT: 12.94 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

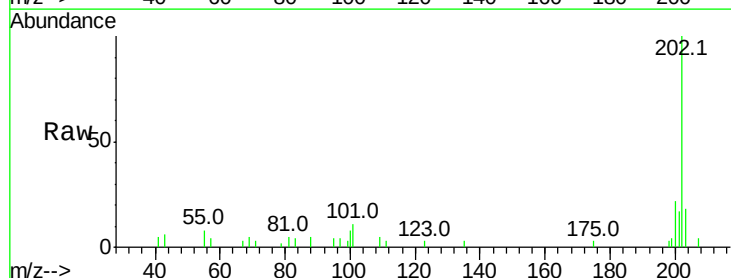
Tgt Ion:202 Resp: 12301

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

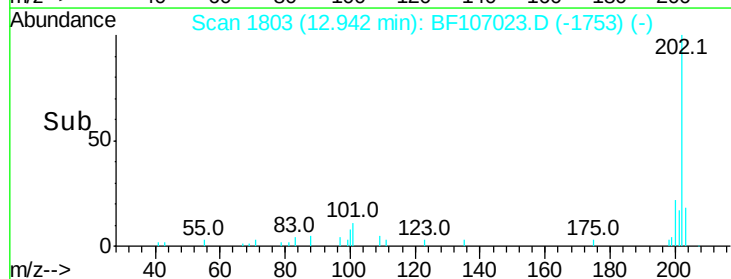
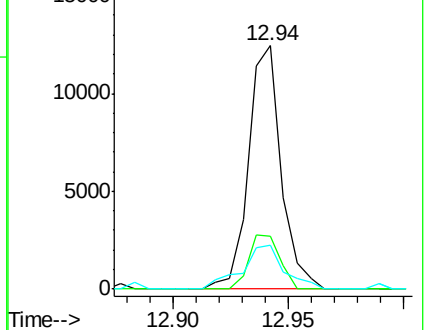
203 17.9 14.3 21.5

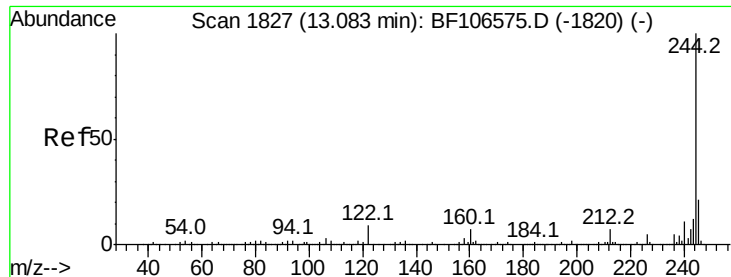


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 8.949 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

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ClientSampleId :

A0C14-01

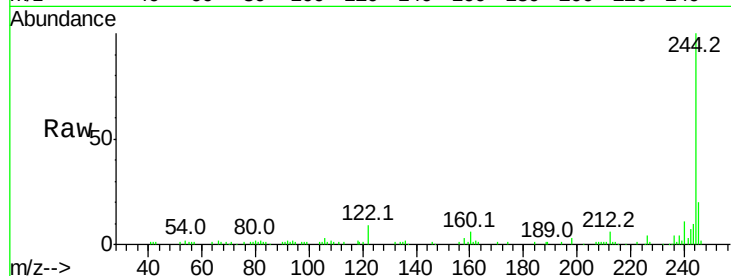
Tot Ion:244 Resp: 67629

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

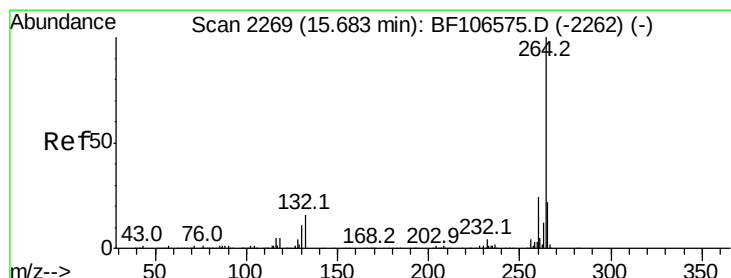
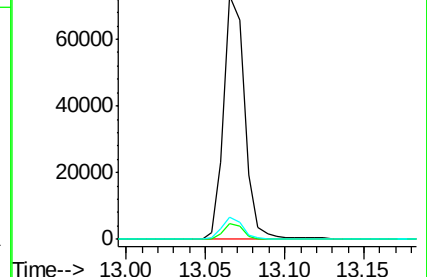
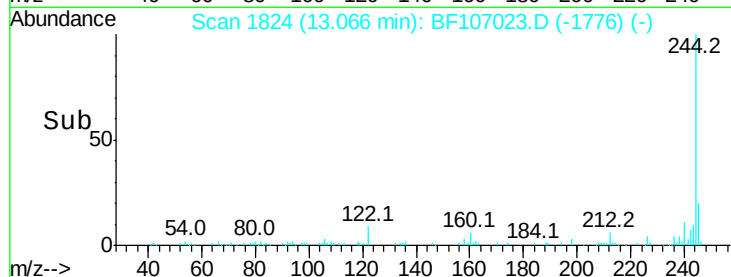
122 9.4 11.0 16.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.69 min Scan# 2270

Delta R.T. -0.03 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

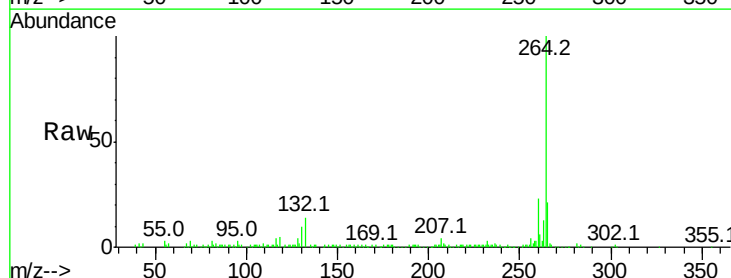
Tgt Ion:264 Resp: 124625

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

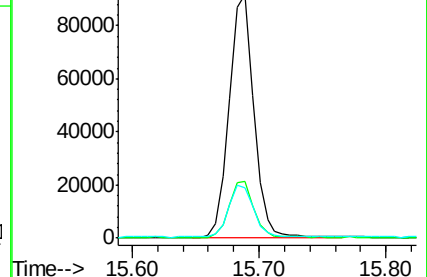
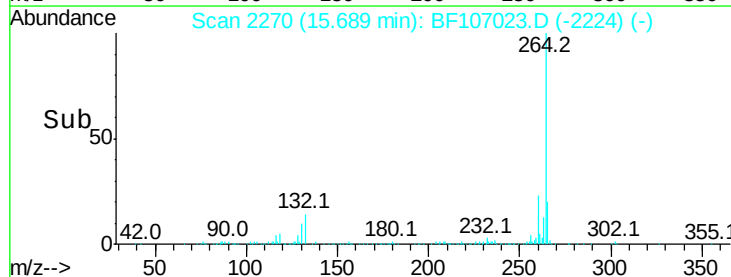
265 20.7 17.5 26.3

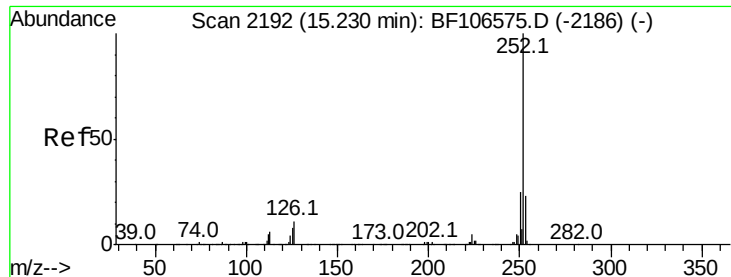


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 1.500 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.03 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

Instrument :

BNA_F

ClientSampleId :

A0C14-01

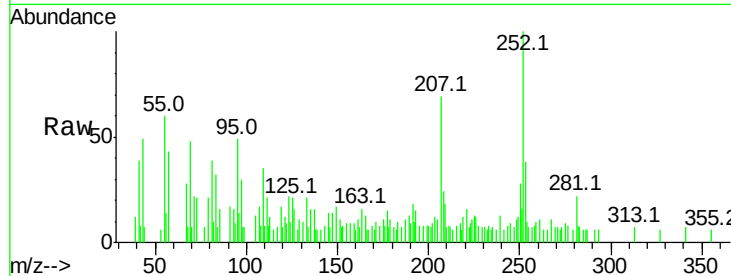
Tot Ion:252 Resp: 11614

Ion Ratio Lower Upper

252 100

253 37.8 17.0 25.6#

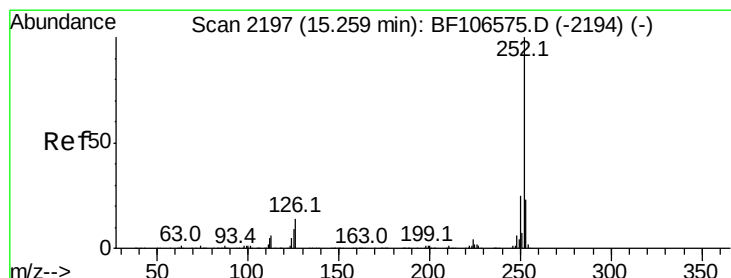
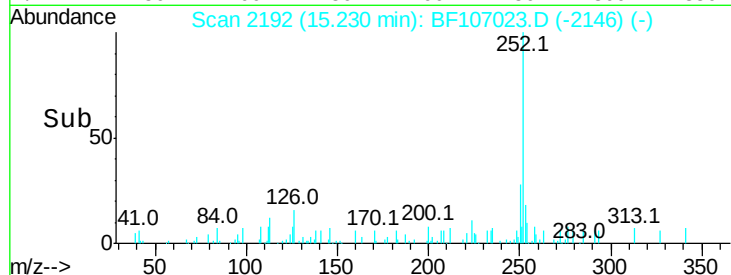
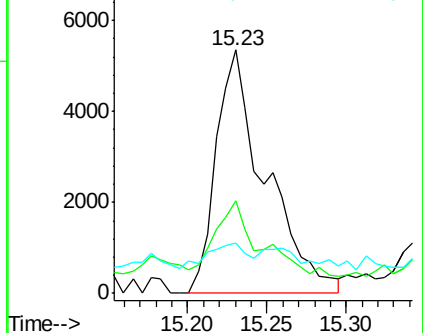
125 20.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 1.575 ng

RT: 15.23 min Scan# 2192

Delta R.T. -0.06 min

Lab File: BF107023.D

Acq: 30 Jun 2018 19:03

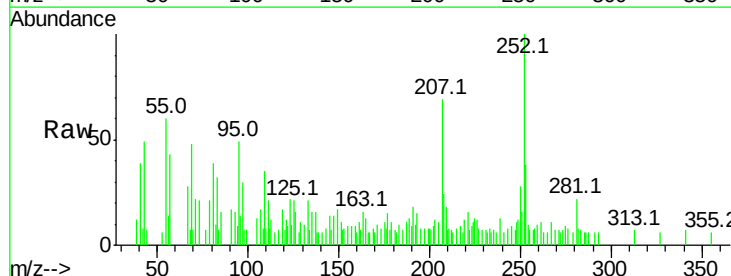
Tgt Ion:252 Resp: 11614

Ion Ratio Lower Upper

252 100

253 37.8 17.9 26.9#

125 20.5 10.2 15.2#



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

