

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF063018\
 Data File : BF107022.D
 Acq On : 30 Jun 2018 18:36
 Operator : JU/SJ
 Sample : J3629-05 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A0C3-01

Quant Time: Jul 02 06:59:59 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

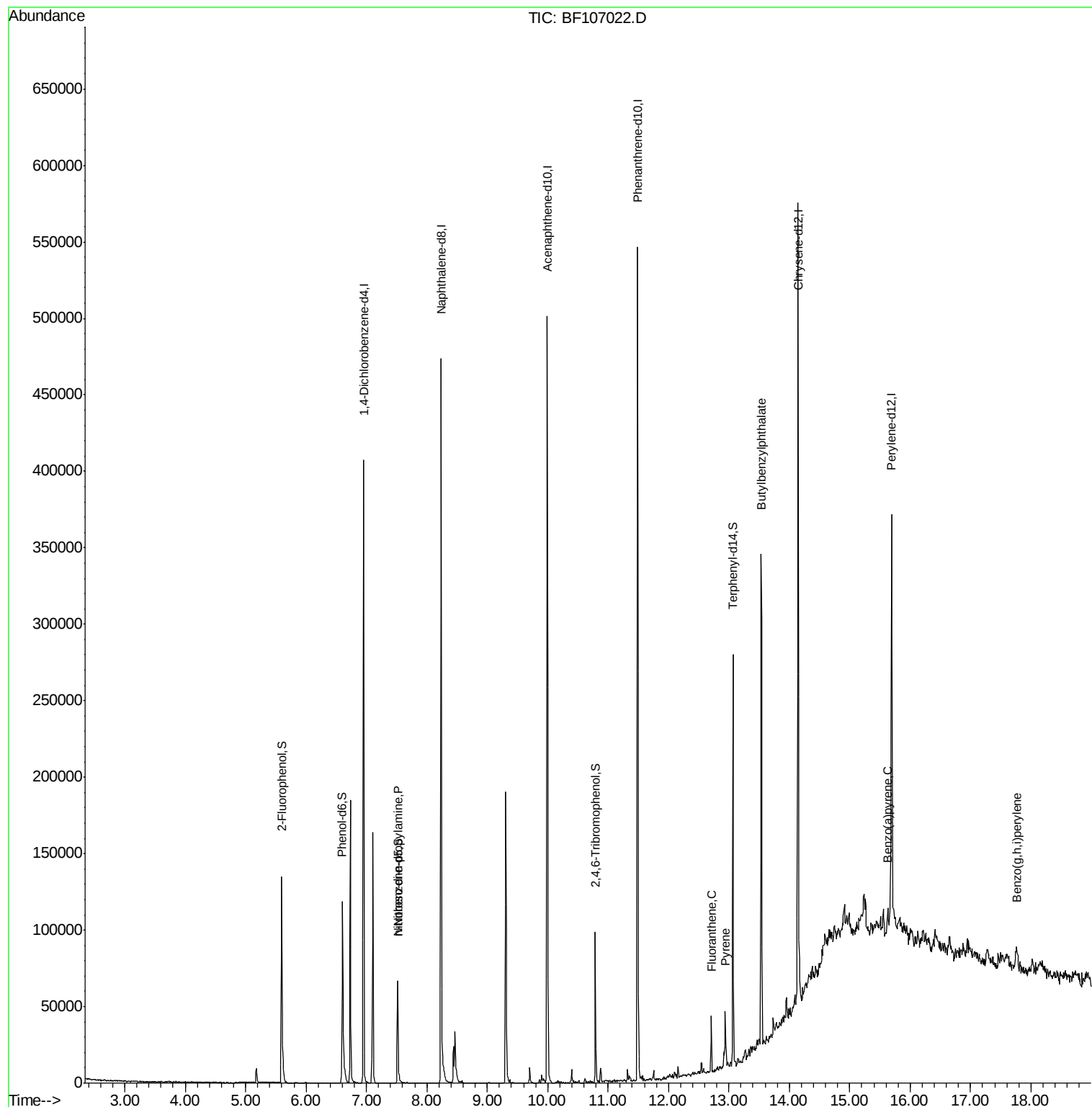
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	63836	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	234678	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	104478	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	208478	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	202173	20.00	ng	-0.02
86) Perylene-d12	15.69	264	139759	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	48991	13.00	ng	0.00
7) Phenol-d6	6.60	99	57840	12.29	ng	-0.01
23) Nitrobenzene-d5	7.52	82	30344	7.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	15103	12.47	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	72396	-3.66	ng	-0.02
78) Terphenyl-d14	13.07	244	94979	11.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	3749	1.208	ng	Qvalue # 75
74) Fluoranthene	12.71	202	15826	1.428	ng	96
77) Pyrene	12.94	202	16247	1.219	ng	98
79) Butylbenzylphthalate	13.54	149	76350	13.929	ng	# 95
89) Benzo(a)pyrene	15.62	252	9172	1.188	ng	# 85
91) Benzo(g,h,i)perylene	17.76	276	9515	1.488	ng	96

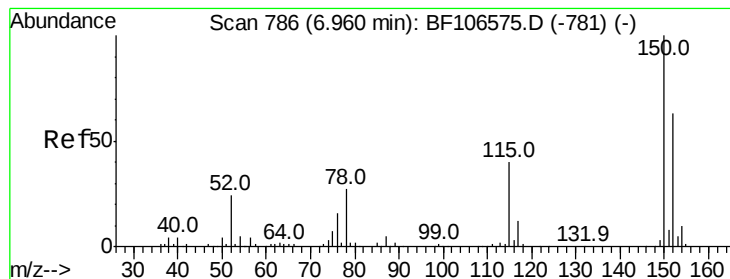
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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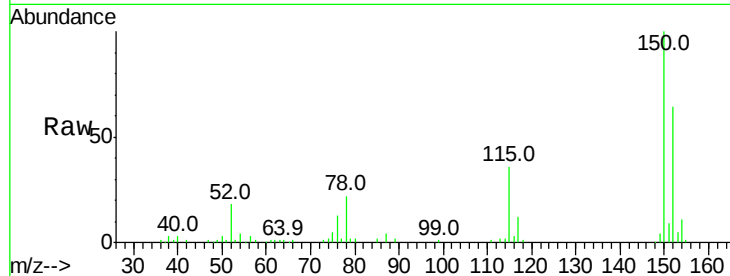


#1

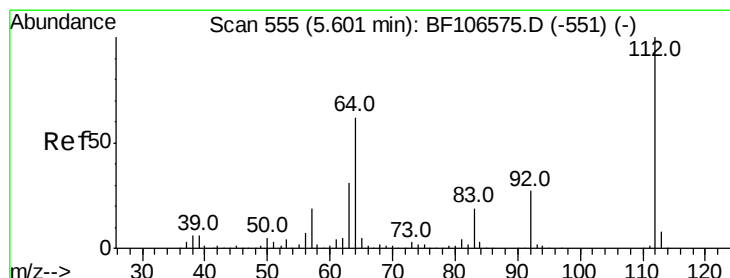
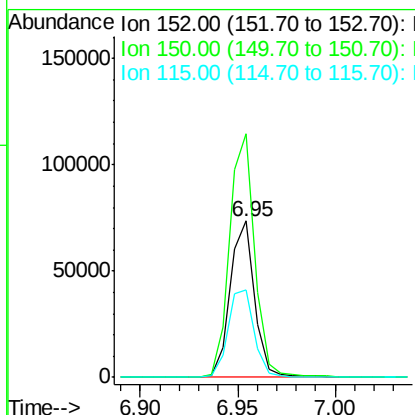
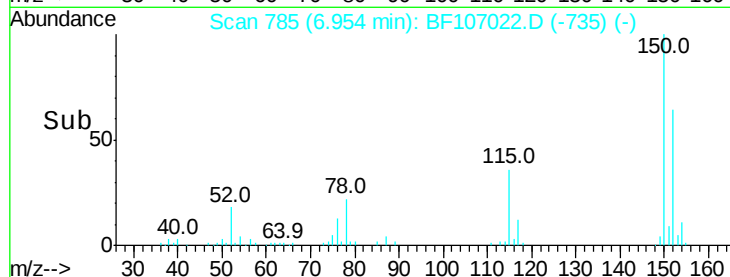
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Instrument :
 BNA_F
 ClientSampleId :
 A0C3-01

Tot Ion:152 Resp: 63836
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 55.9 50.1 75.1



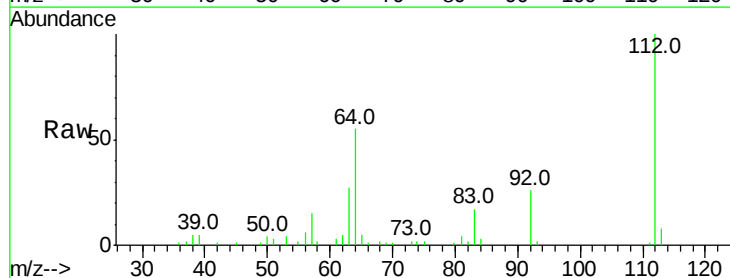
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



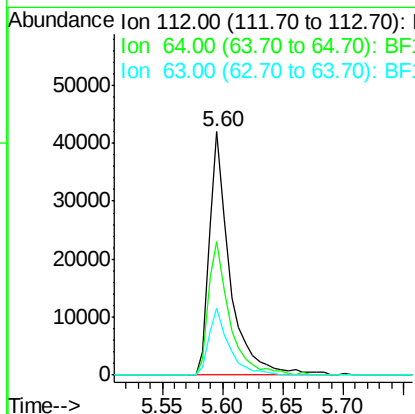
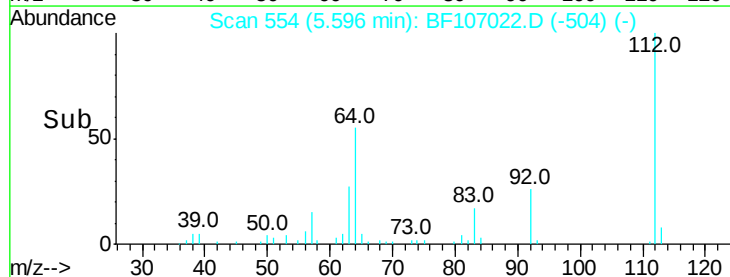
#5

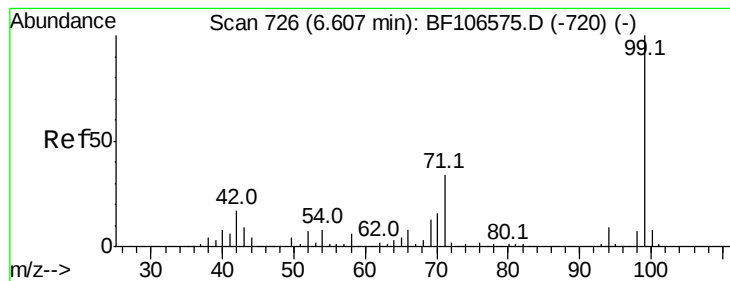
2-Fluorophenol
 Concen: 12.995 ng
 RT: 5.60 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Tgt Ion:112 Resp: 48991
 Ion Ratio Lower Upper
 112 100
 64 54.6 47.9 71.9
 63 27.4 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: 12.286 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampled :

A0C3-01

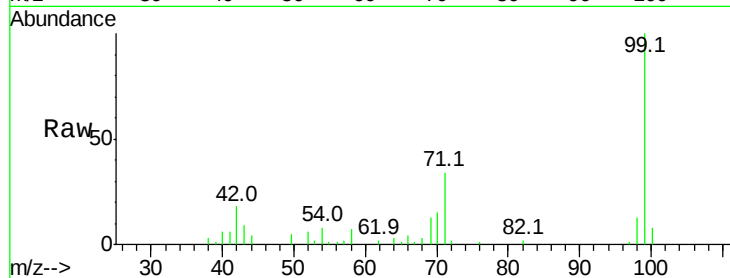
Tot Ion: 99 Resp: 57840

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

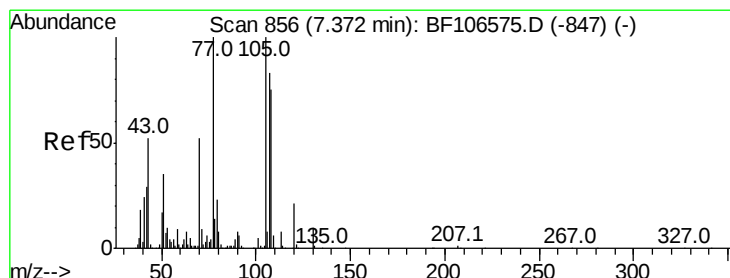
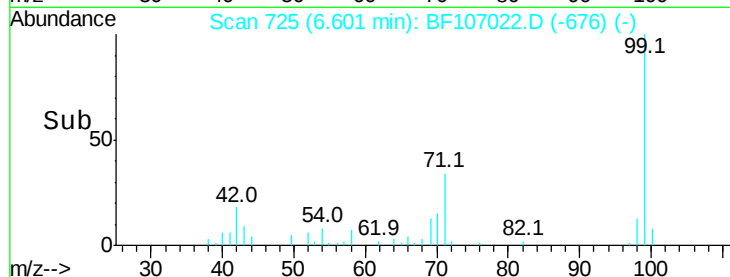
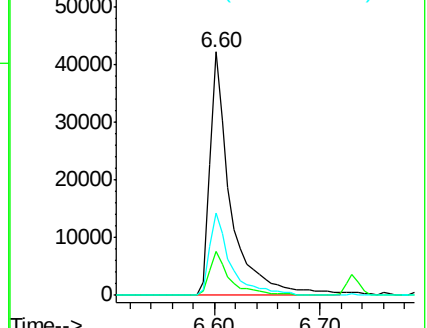
71 33.6 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 1.208 ng

RT: 7.51 min Scan# 880

Delta R.T. 0.13 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Tgt Ion: 70 Resp: 3749

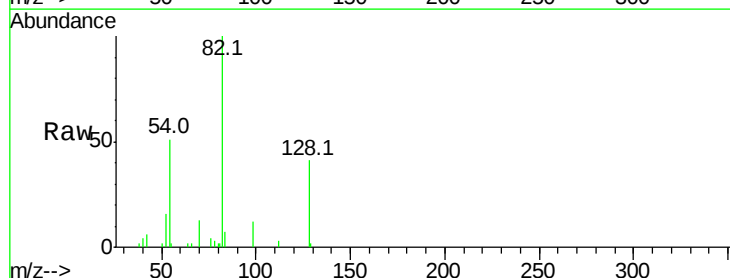
Ion Ratio Lower Upper

70 100

42 46.0 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

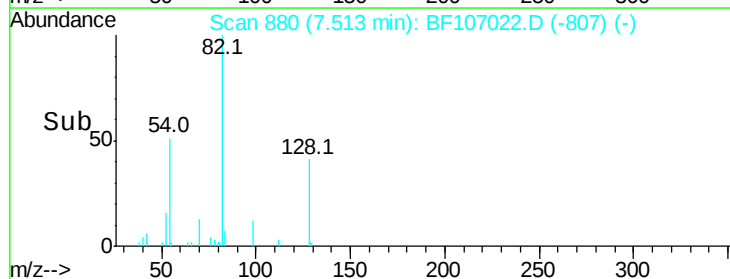
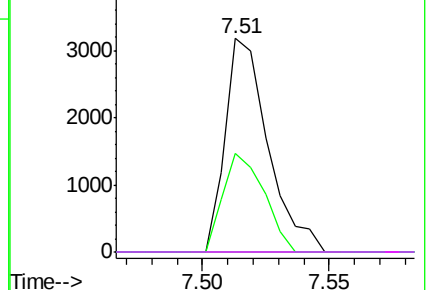


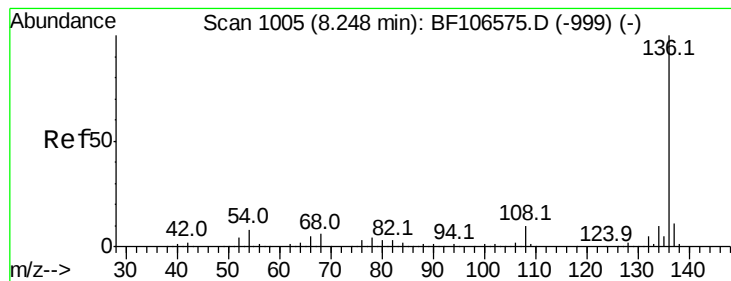
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampleId :

A0C3-01

Tot Ion:136 Resp: 234678

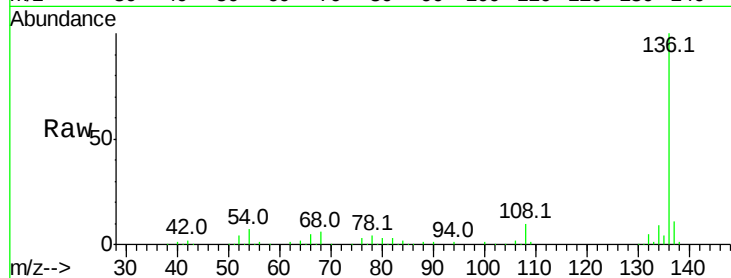
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.3 6.6 9.8

68 6.0 5.0 7.4

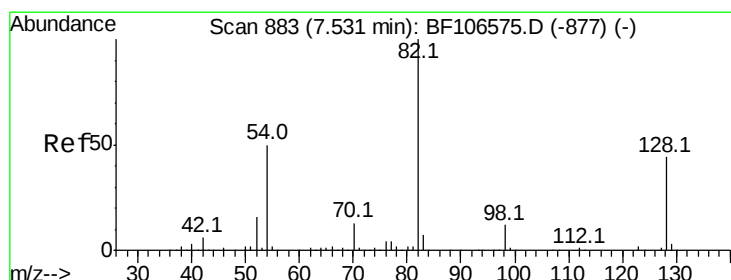
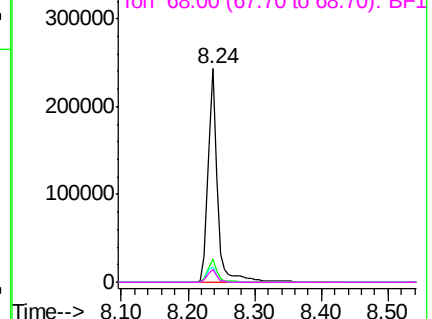
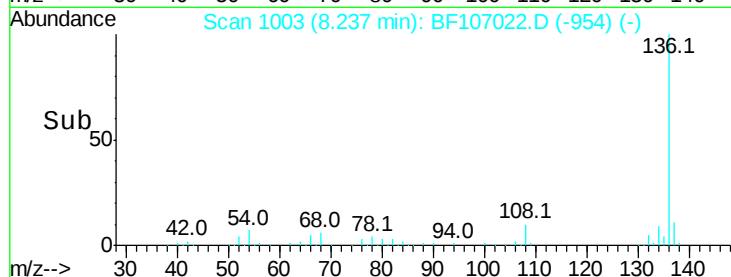


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 7.186 ng

RT: 7.52 min Scan# 881

Delta R.T. -0.02 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

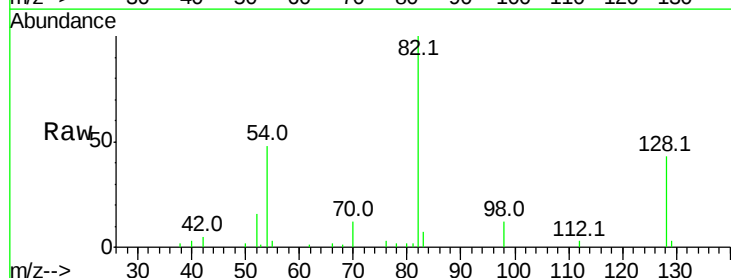
Tgt Ion: 82 Resp: 30344

Ion Ratio Lower Upper

82 100

128 43.0 36.1 54.1

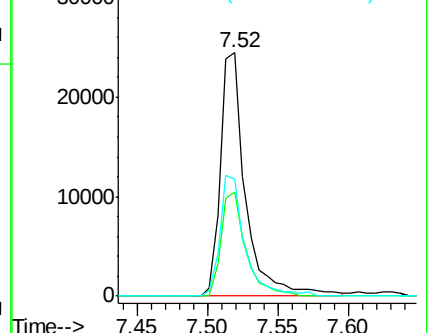
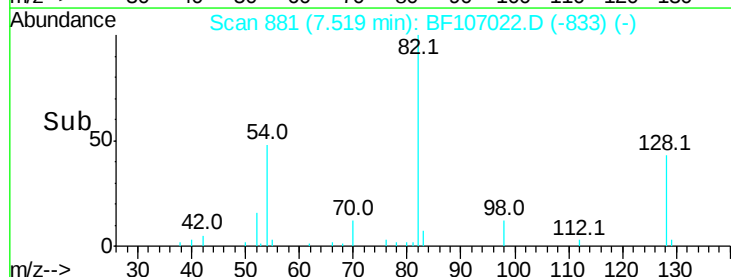
54 47.9 41.4 62.2

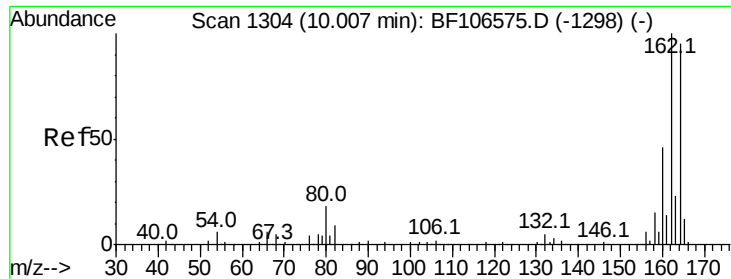


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

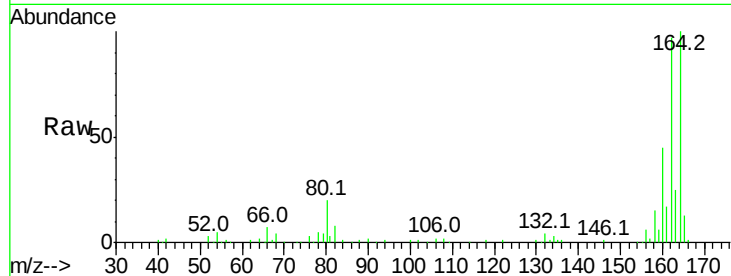




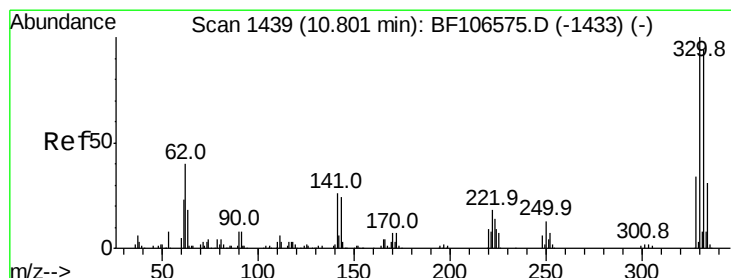
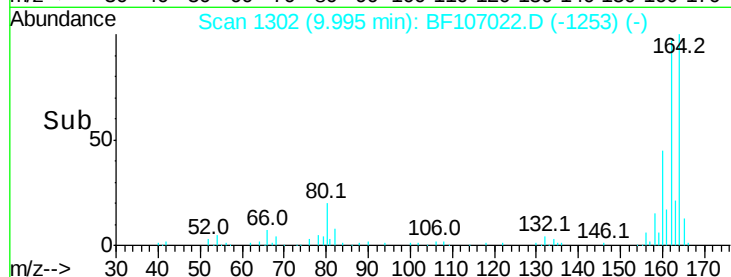
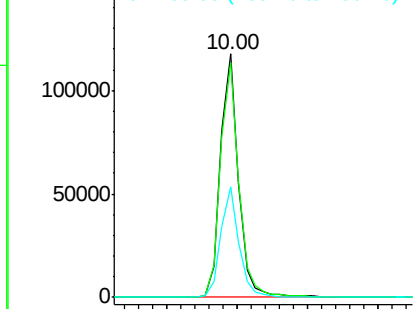
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Instrument :
BNA_F
ClientSampleId :
A0C3-01

Tot Ion:164 Resp: 104478
Ion Ratio Lower Upper
164 100
162 96.5 86.1 129.1
160 45.3 38.3 57.5

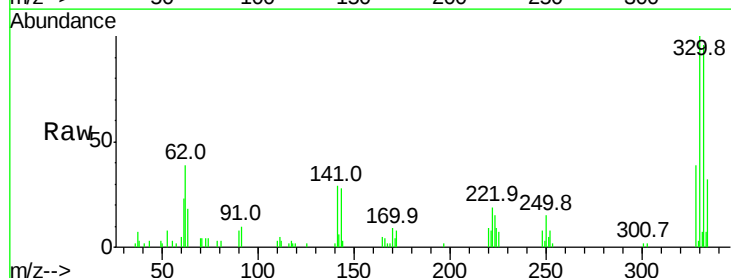


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

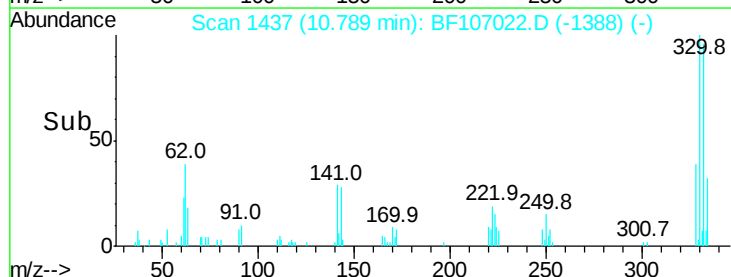
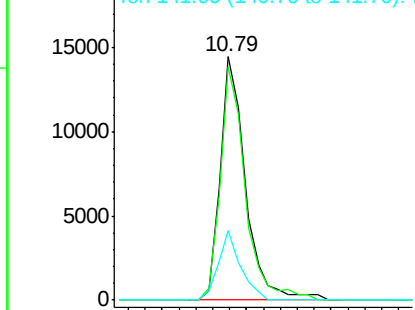


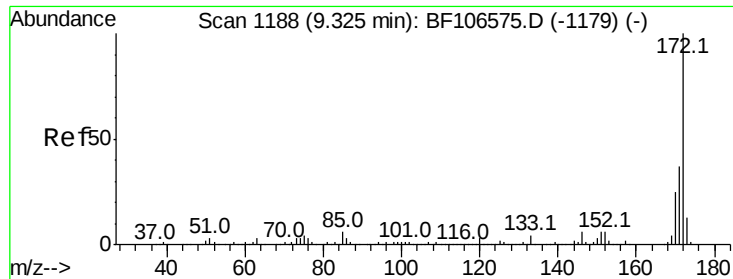
#41
2,4,6-Tribromophenol
Concen: 12.472 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:330 Resp: 15103
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 25.3 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

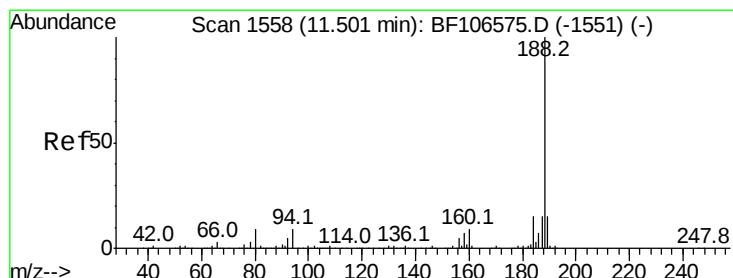
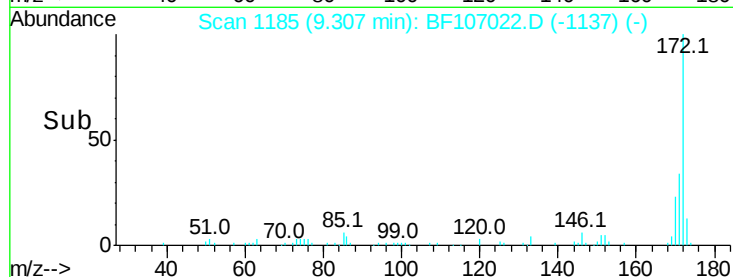
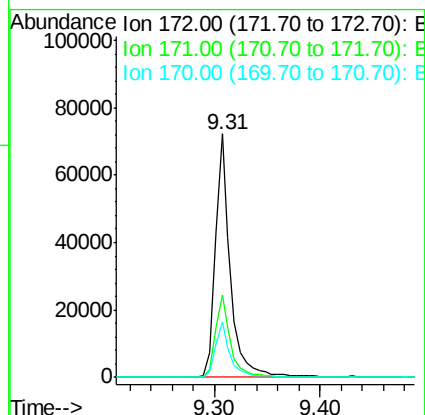
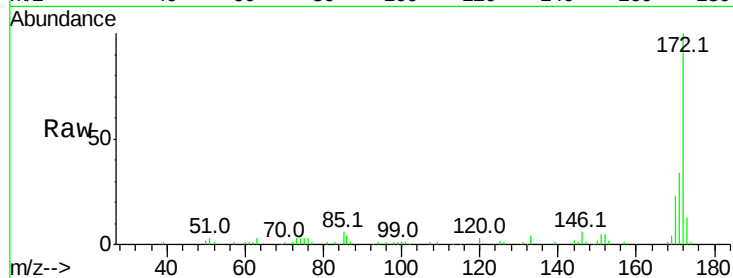




#44
 2-Fluorobiphenyl
 Concen: -3.657 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

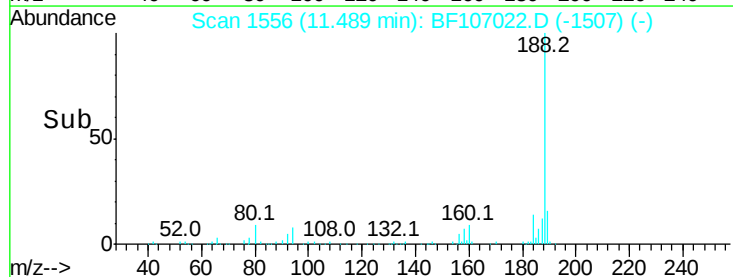
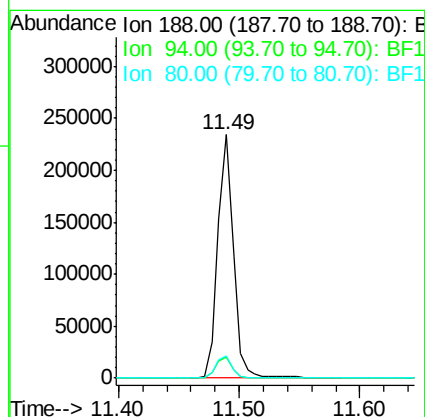
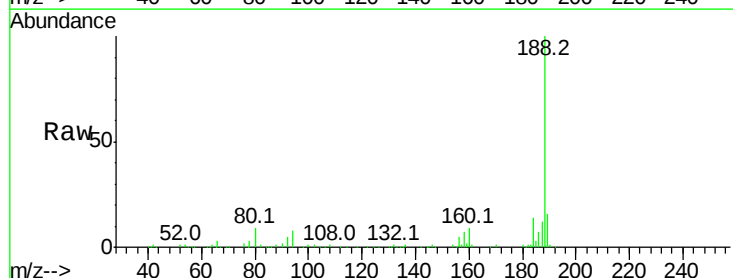
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 BNA_F
 ClientSampleID :
 A0C3-01

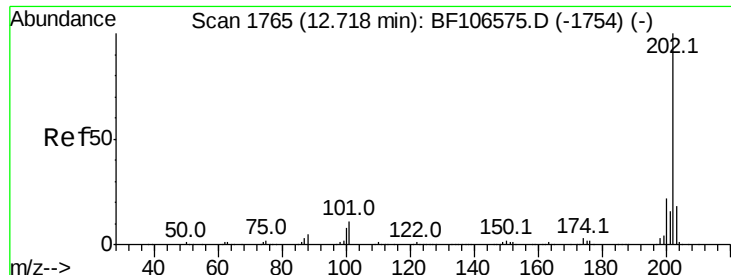
Tot Ion:172 Resp: 72396
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.7 44.5
 170 22.7 19.6 29.4



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.49 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Tgt Ion:188 Resp: 208478
 Ion Ratio Lower Upper
 188 100
 94 8.4 8.5 12.7#
 80 9.1 9.2 13.8#

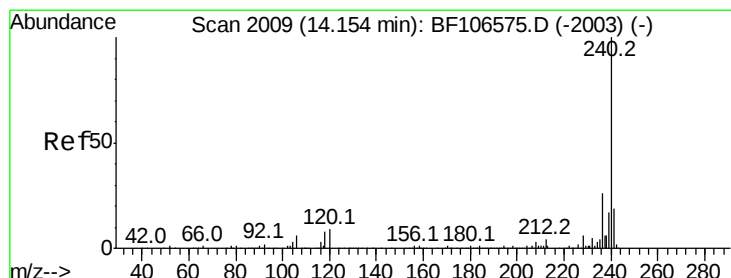
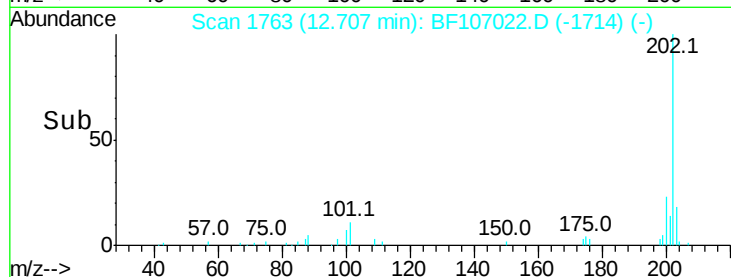
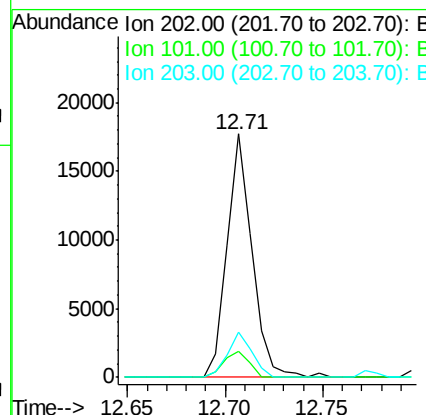
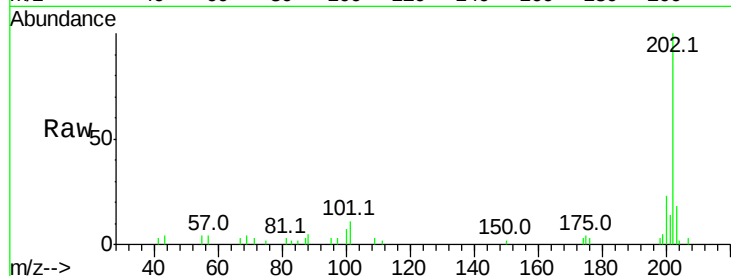




#74
 Fluoranthene
 Concen: 1.428 ng
 RT: 12.71 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

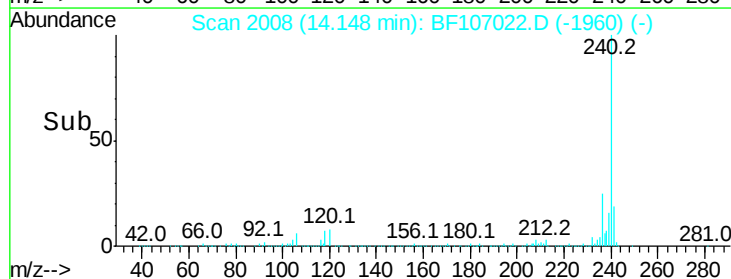
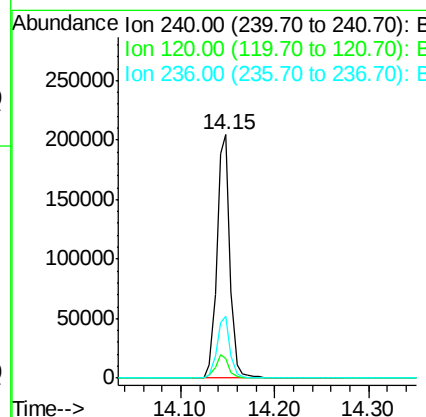
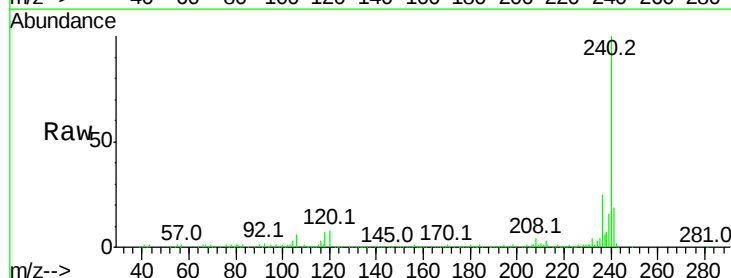
Instrument :
 BNA_F
 ClientSampleId :
 A0C3-01

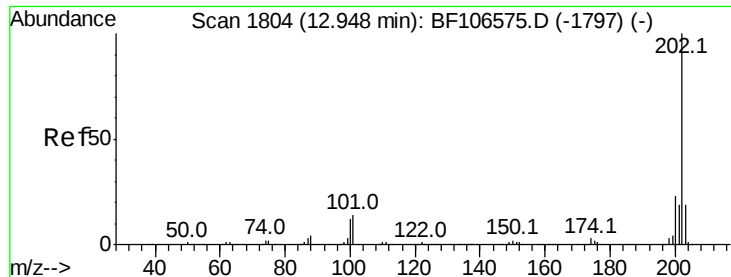
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.5	0.0	34.1
203	18.3	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF107022.D
 Acq: 30 Jun 2018 18:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	25.5	20.7	31.1





#77

Pvrene

Concen: 1.219 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampleId :

A0C3-01

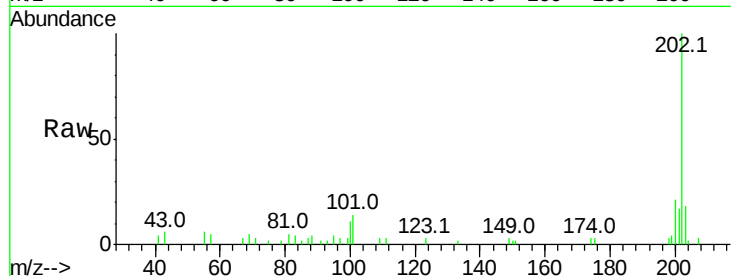
Tot Ion:202 Resp: 16247

Ion Ratio Lower Upper

202 100

200 20.7 17.4 26.2

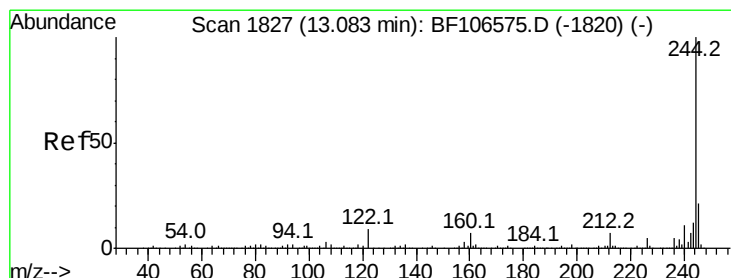
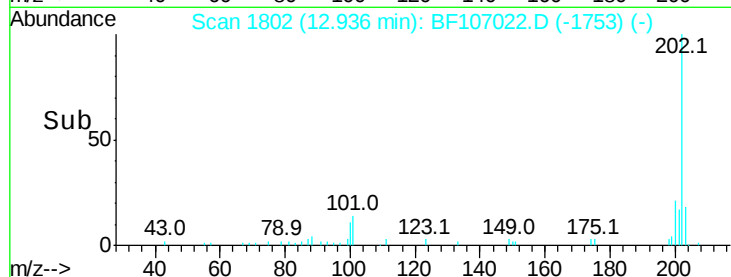
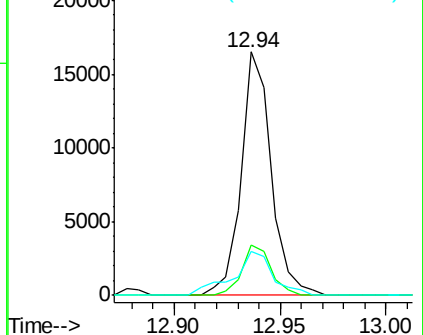
203 18.2 14.3 21.5



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: 11.380 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

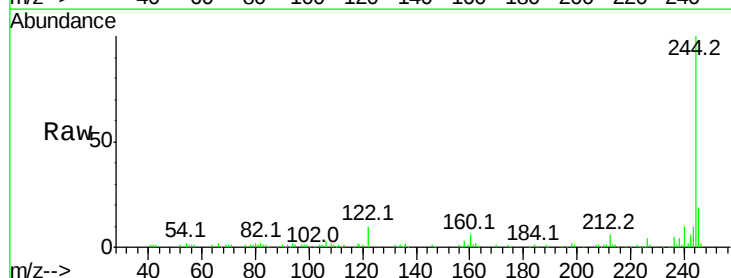
Tgt Ion:244 Resp: 94979

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

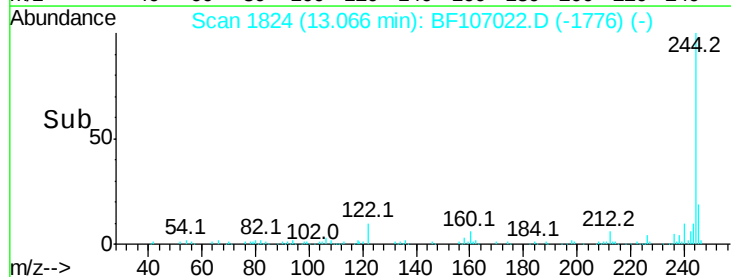
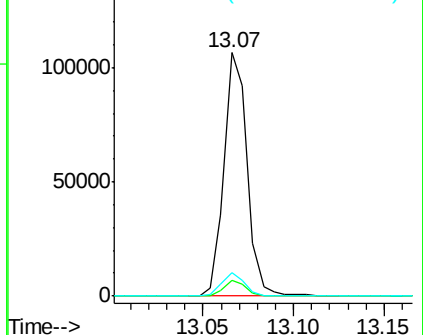
122 9.5 11.0 16.4#

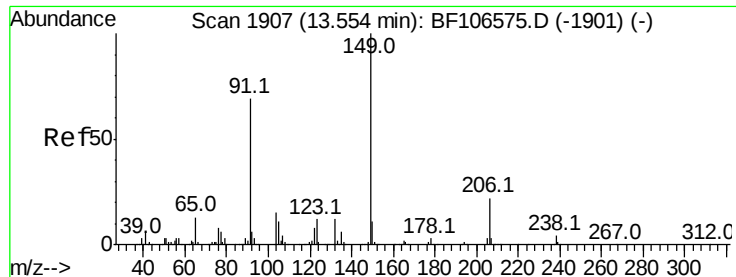


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

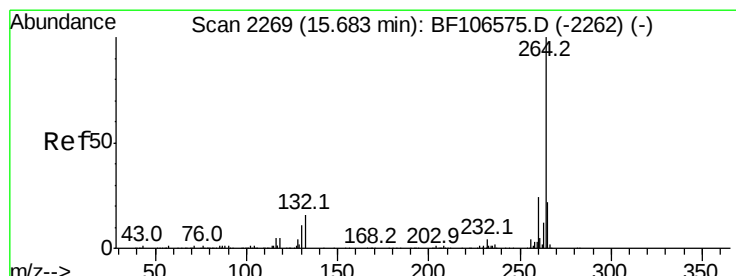
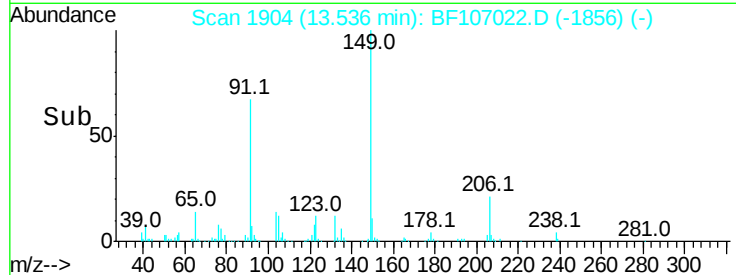
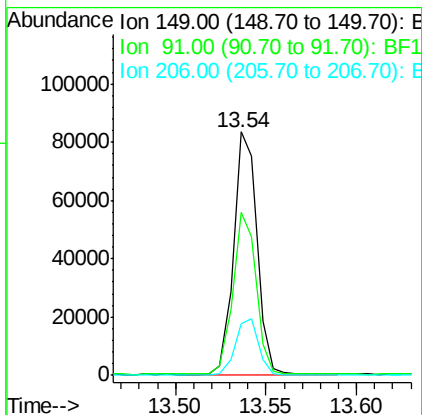
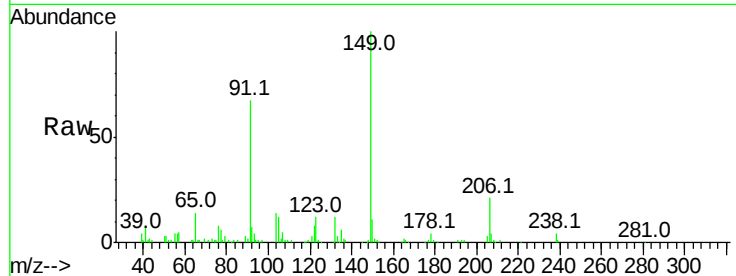




#79
Butylbenzylphthalate
Concen: 13.929 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

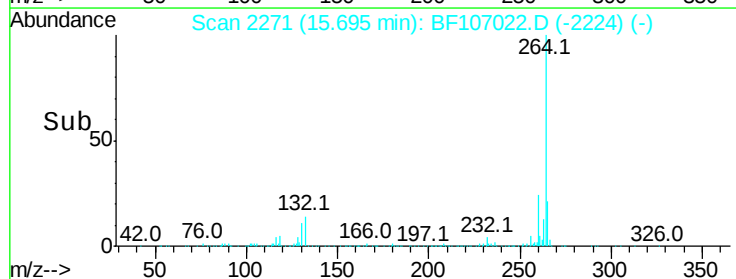
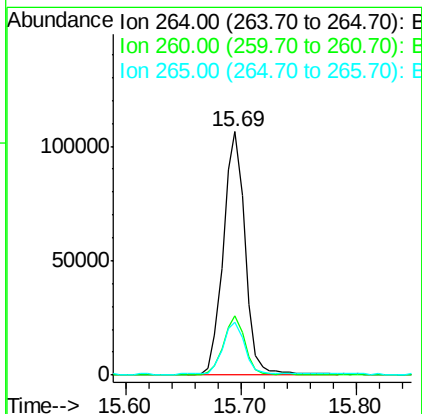
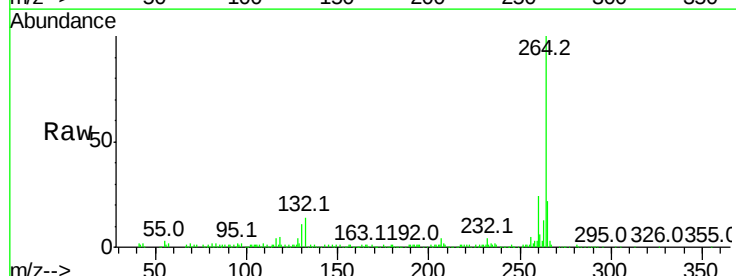
Instrument :
BNA_F
ClientSampleId :
A0C3-01

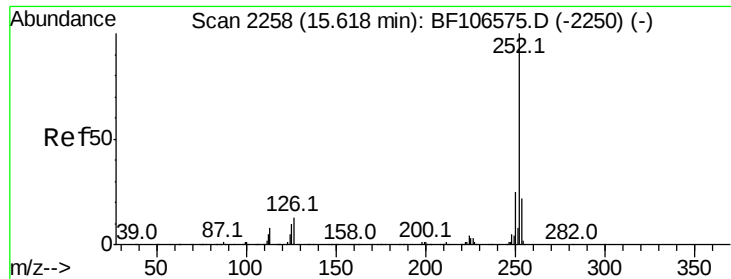
Tot Ion:	149	Resp:	76350
Ion	Ratio	Lower	Upper
149	100		
91	67.2	56.8	85.2
206	21.4	14.1	21.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF107022.D
Acq: 30 Jun 2018 18:36

Tgt Ion:	264	Resp:	139759
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3





#89

Benzo(a)pyrene

Concen: 1.188 ng

RT: 15.62 min Scan# 2259

Delta R.T. -0.03 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

Instrument :

BNA_F

ClientSampleId :

A0C3-01

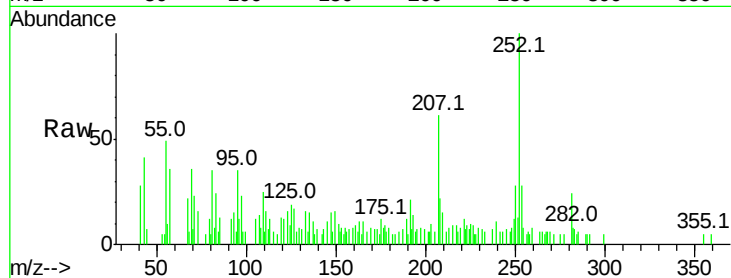
Tot Ion:252 Resp: 9172

Ion Ratio Lower Upper

252 100

253 28.0 17.1 25.7#

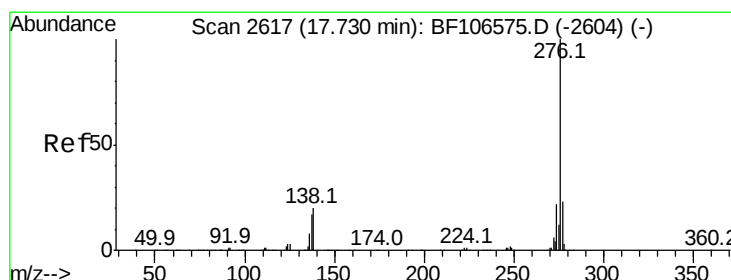
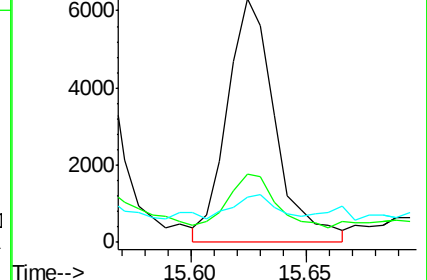
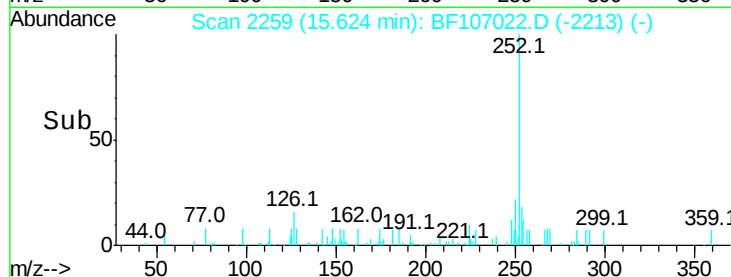
125 18.7 9.8 14.6#



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



#91

Benzo(g,h,i)perylene

Concen: 1.488 ng

RT: 17.76 min Scan# 2622

Delta R.T. -0.03 min

Lab File: BF107022.D

Acq: 30 Jun 2018 18:36

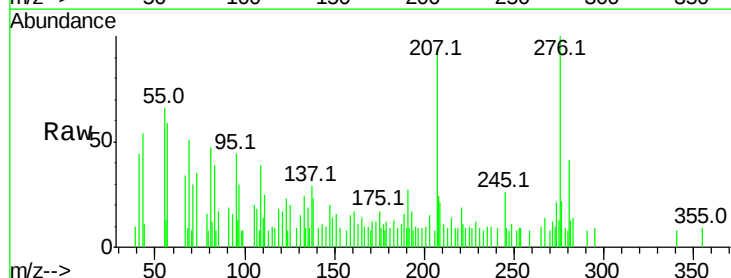
Tgt Ion:276 Resp: 9515

Ion Ratio Lower Upper

276 100

277 22.2 17.9 26.9

138 23.2 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

