

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072018\
 Data File : BF107542.D
 Acq On : 20 Jul 2018 23:37
 Operator : JU/SJ
 Sample : J4030-05 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB6-12-7

Quant Time: Jul 21 03:06:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

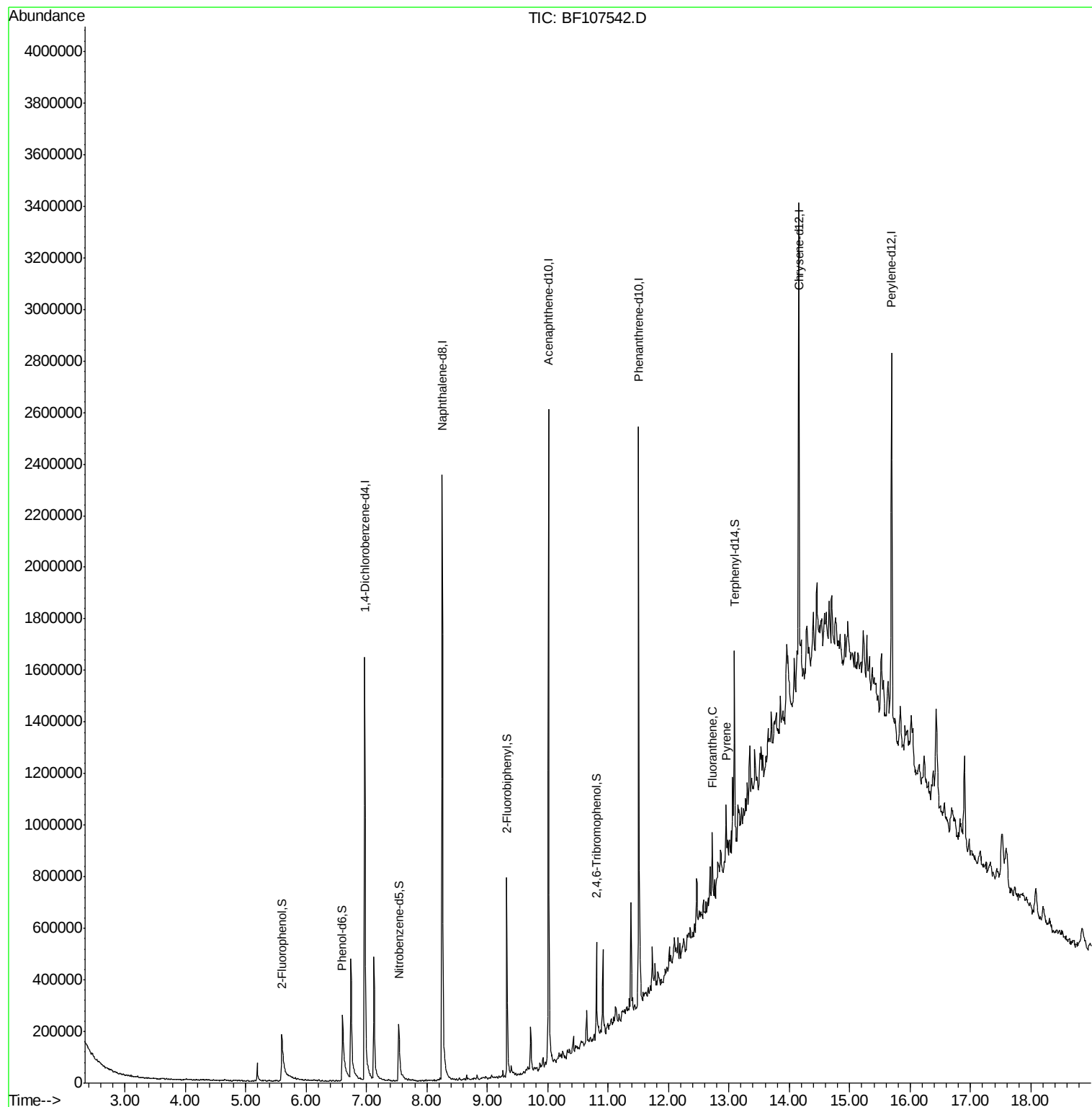
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	310366	20.00	ng	0.00
21) Naphthalene-d8	8.25	136	1250648	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	513060	20.00	ng	0.00
63) Phenanthrene-d10	11.51	188	870963	20.00	ng	0.00
75) Chrysene-d12	14.16	240	696665	20.00	ng	0.00
86) Perylene-d12	15.69	264	725226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	150548	7.80	ng	0.00
7) Phenol-d6	6.60	99	231722	10.00	ng	-0.01
23) Nitrobenzene-d5	7.54	82	126783	6.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	50812	8.71	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	295330	3.97	ng	-0.01
78) Terphenyl-d14	13.09	244	233810	8.59	ng	-0.01
Target Compounds						
74) Fluoranthene	12.72	202	93266	2.048	ng	97
77) Pyrene	12.95	202	95490	2.004	ng	96

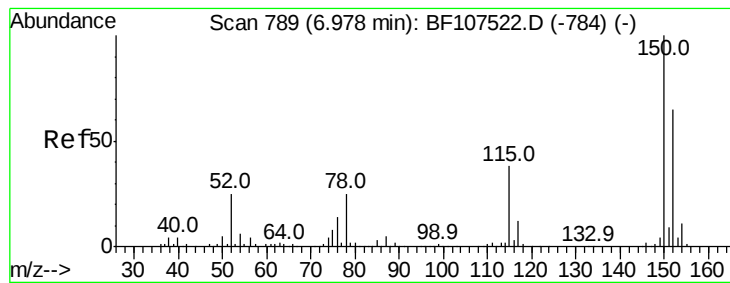
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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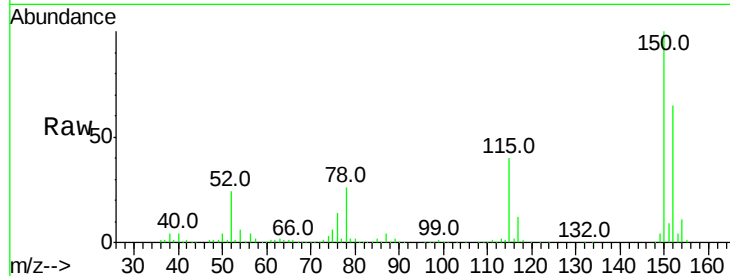


#1

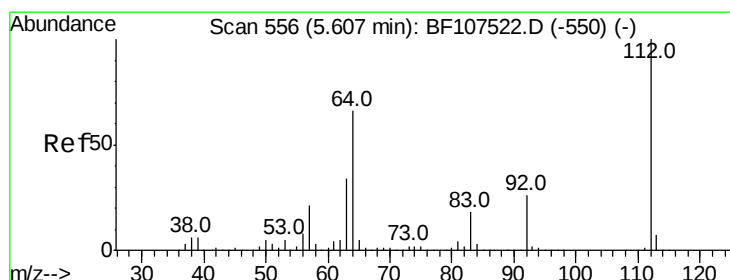
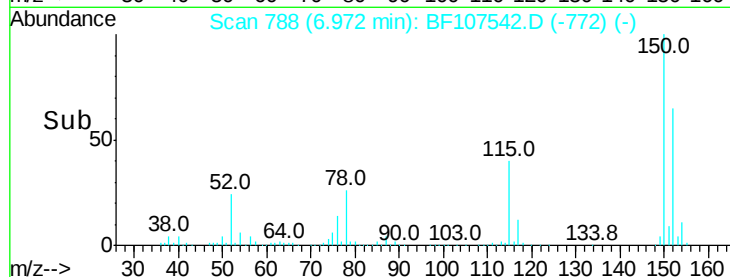
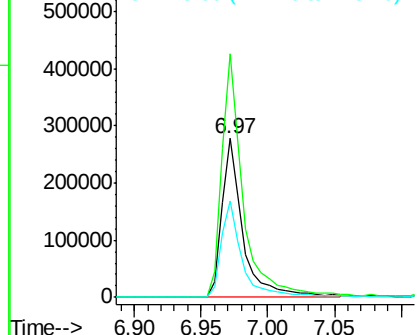
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Instrument :
BNA_F
ClientSampleId :
SB6-12-7

Tot Ion:152 Resp: 310366
Ion Ratio Lower Upper
152 100
150 153.0 124.6 186.8
115 60.8 50.1 75.1



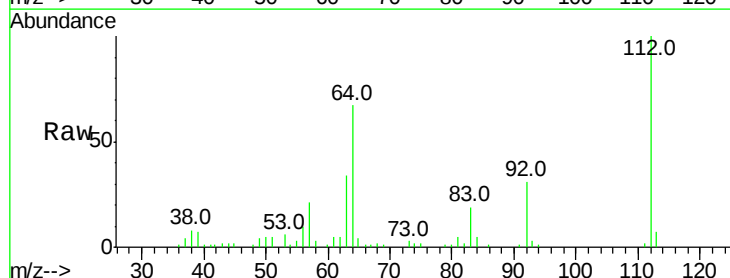
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



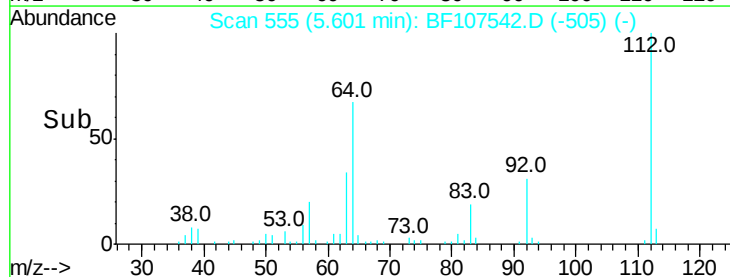
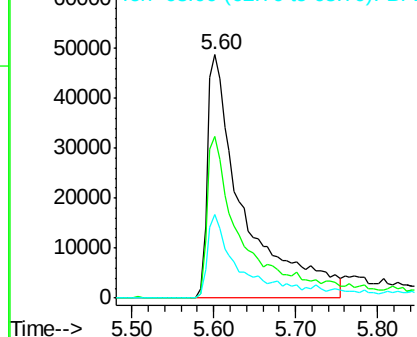
#5

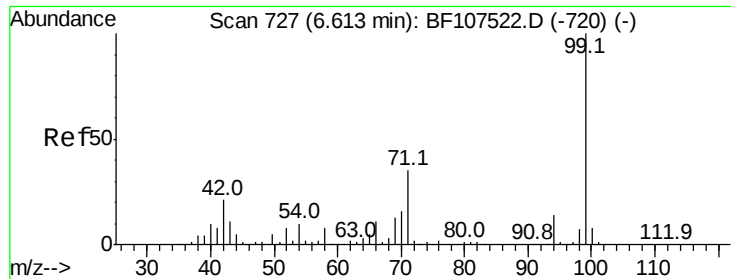
2-Fluorophenol
Concen: 7.799 ng
RT: 5.60 min Scan# 555
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:112 Resp: 150548
Ion Ratio Lower Upper
112 100
64 66.6 47.9 71.9
63 34.3 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: 9.997 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107542.D

Acq: 20 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SB6-12-7

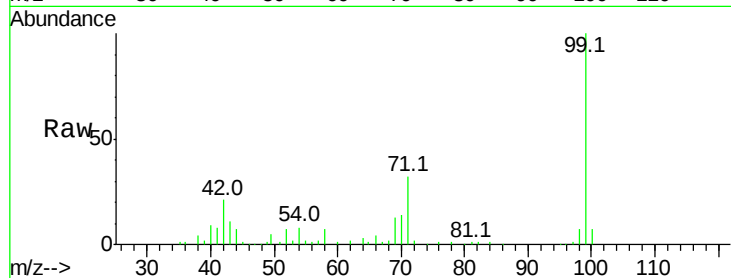
Tot Ion: 99 Resp: 231722

Ion Ratio Lower Upper

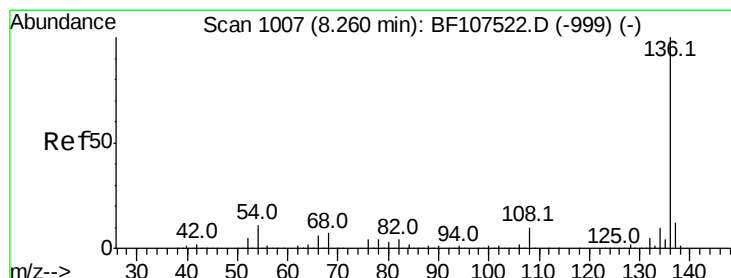
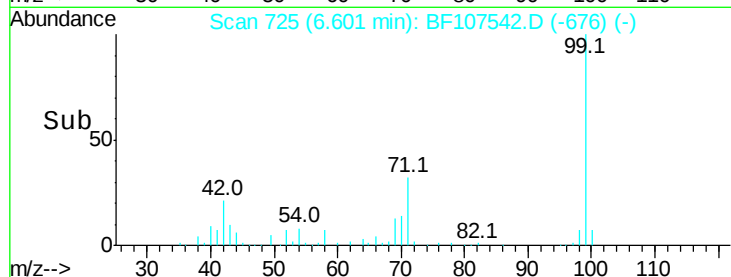
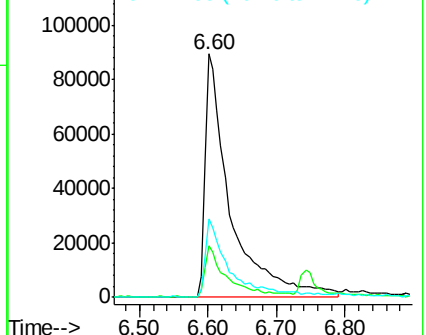
99 100

42 21.2 14.5 21.7

71 32.5 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: 8.25 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF107542.D

Acq: 20 Jul 2018 23:37

Tgt Ion: 136 Resp: 1250648

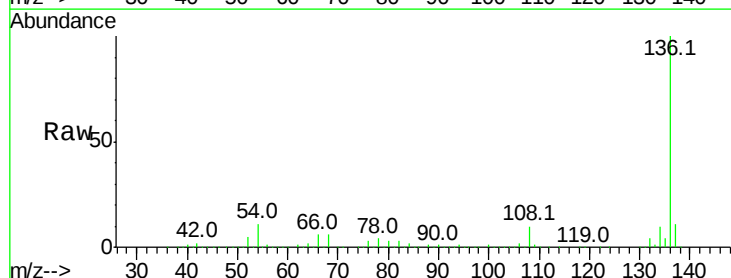
Ion Ratio Lower Upper

136 100

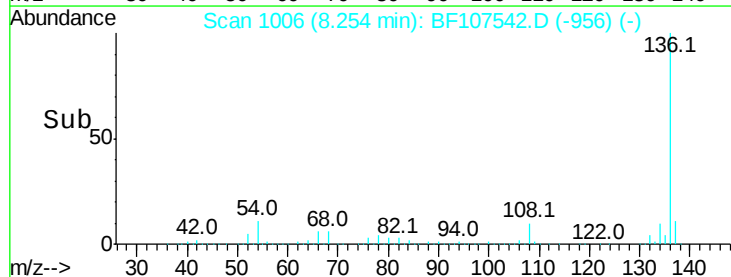
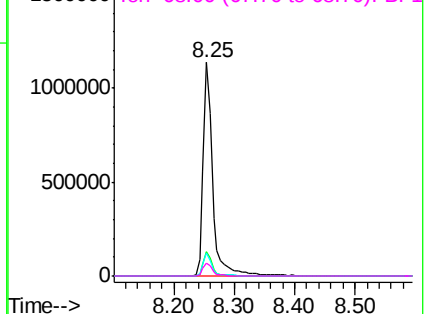
137 11.2 8.9 13.3

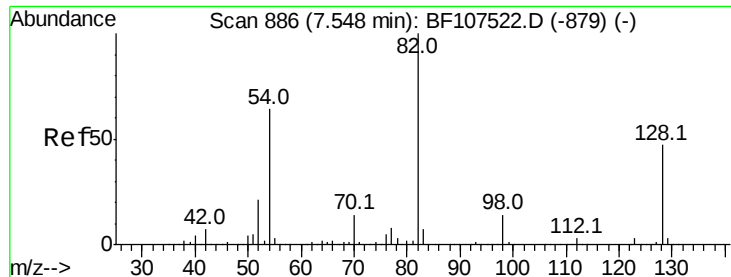
54 10.8 6.6 9.8#

68 6.1 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

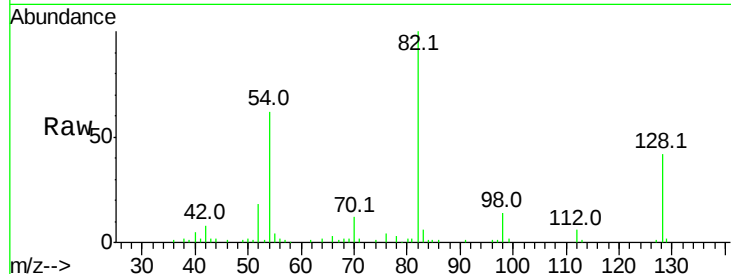




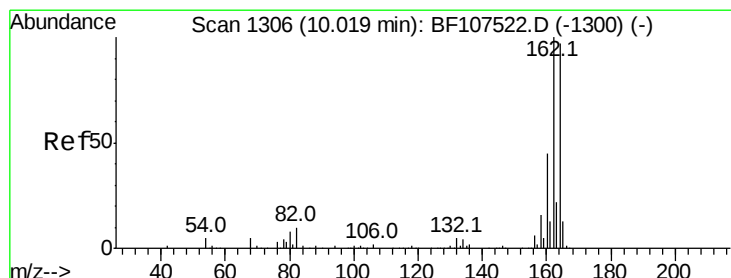
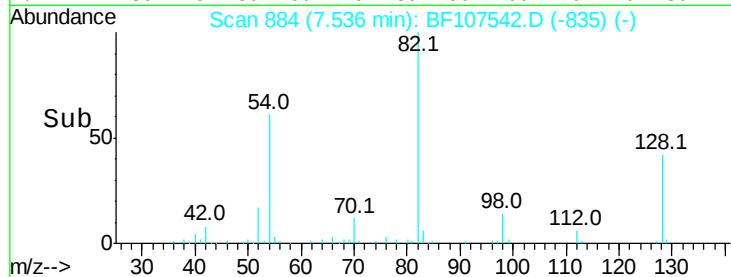
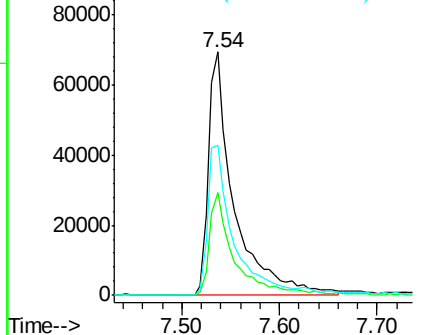
#23
 Nitrobenzene-d5
 Concen: 6.841 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampled :
 SB6-12-7

Tot Ion: 82 Resp: 126783
 Ion Ratio Lower Upper
 82 100
 128 42.3 36.1 54.1
 54 61.6 41.4 62.2

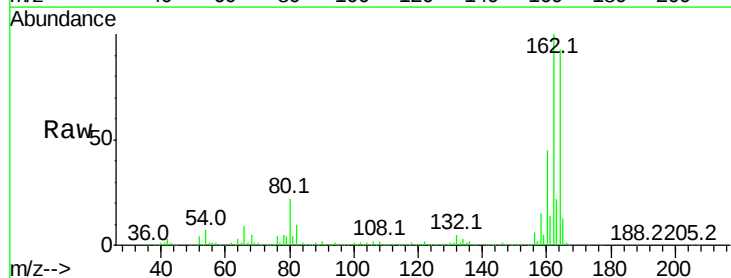


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF1

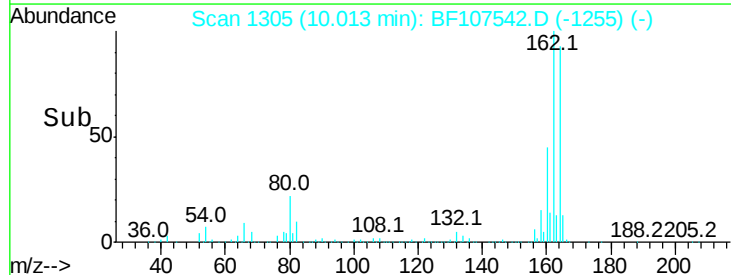
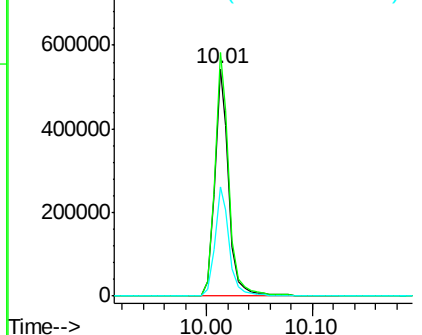


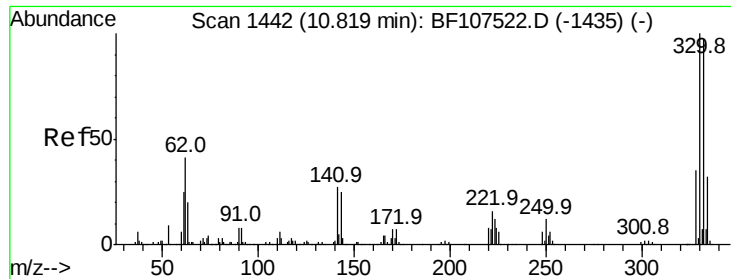
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Tgt Ion:164 Resp: 513060
 Ion Ratio Lower Upper
 164 100
 162 107.0 86.1 129.1
 160 47.7 38.3 57.5



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

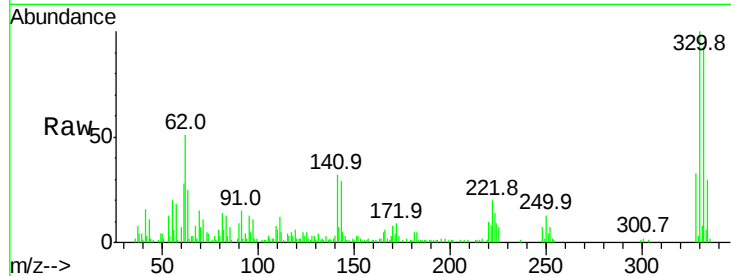




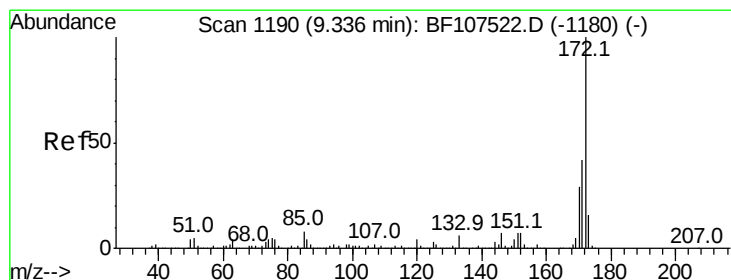
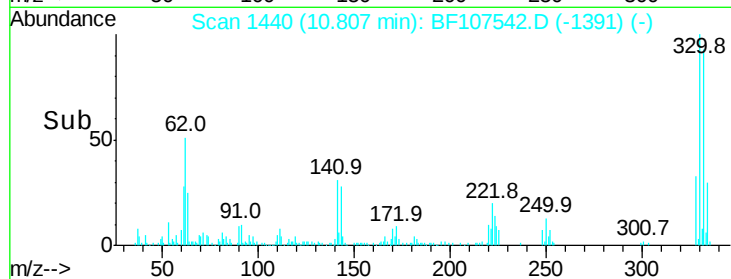
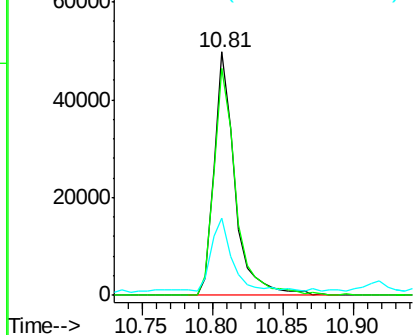
#41
 2,4,6-Tribromophenol
 Concen: 8.709 ng
 RT: 10.81 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SB6-12-7

Tot Ion:330 Resp: 50812
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 30.7 29.9 44.9

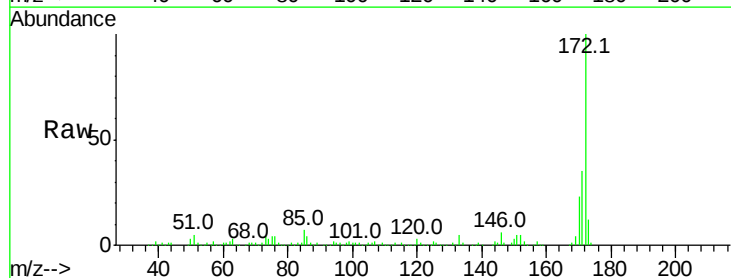


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

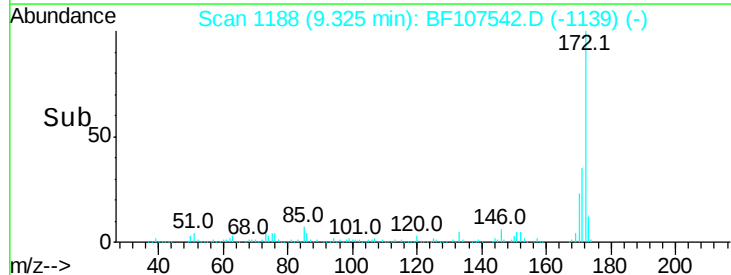
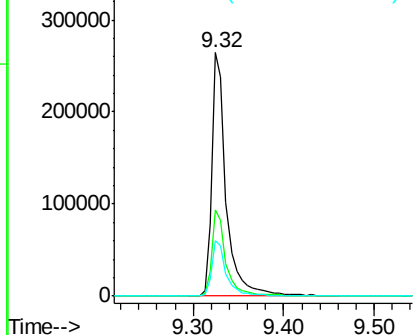


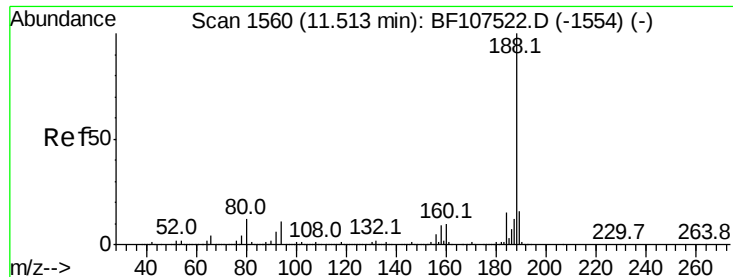
#44
 2-Fluorobiphenyl
 Concen: 3.968 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Tgt Ion:172 Resp: 295330
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 22.8 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

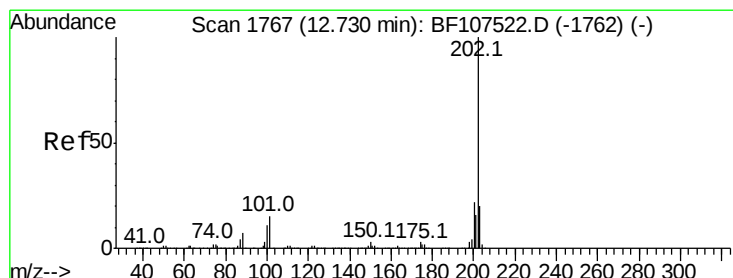
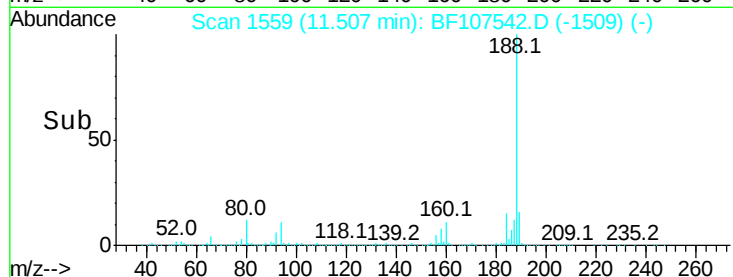
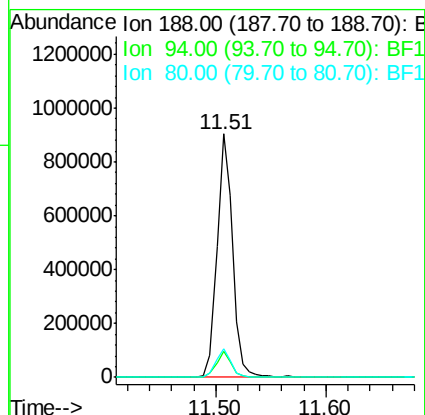
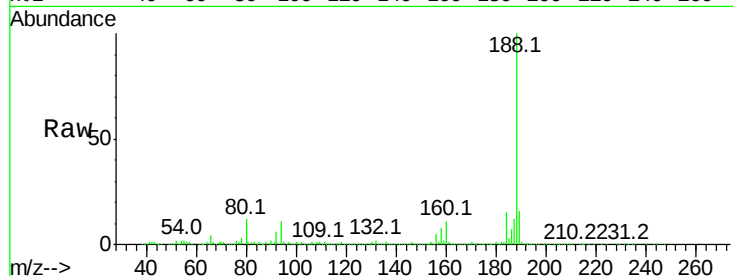




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.51 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

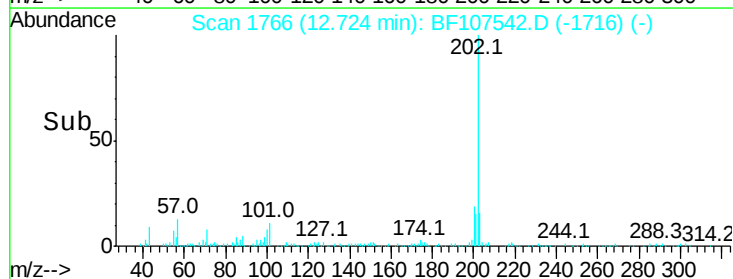
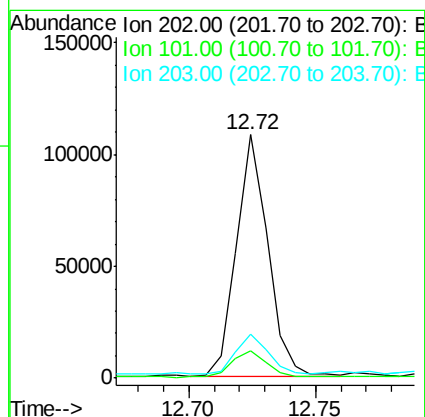
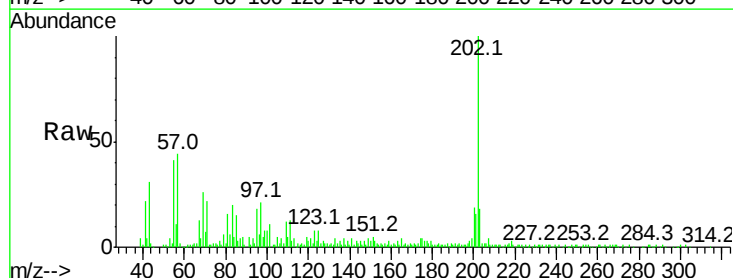
Instrument :
BNA_F
ClientSampleId :
SB6-12-7

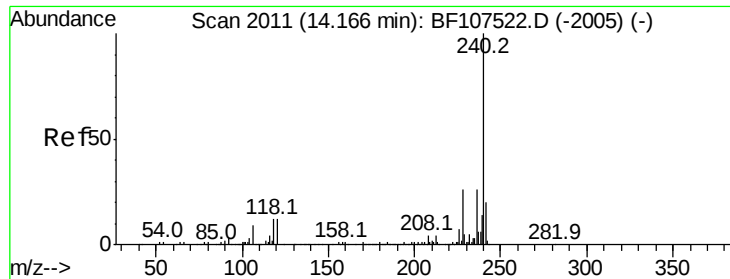
Tot Ion:188 Resp: 870963
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 11.7 9.2 13.8



#74
Fluoranthene
Concen: 2.048 ng
RT: 12.72 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BF107542.D
Acq: 20 Jul 2018 23:37

Tgt Ion:202 Resp: 93266
Ion Ratio Lower Upper
202 100
101 11.2 0.0 34.1
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.16 min Scan# 2010

Delta R.T. -0.01 min

Lab File: BF107542.D

Acq: 20 Jul 2018 23:37

Instrument :

BNA_F

ClientSampleId :

SB6-12-7

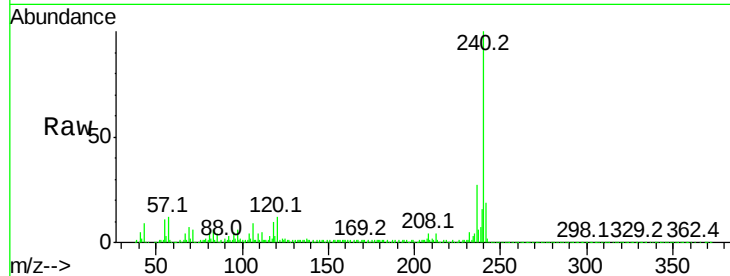
Tot Ion:240 Resp: 696665

Ion Ratio Lower Upper

240 100

120 11.7 9.5 14.3

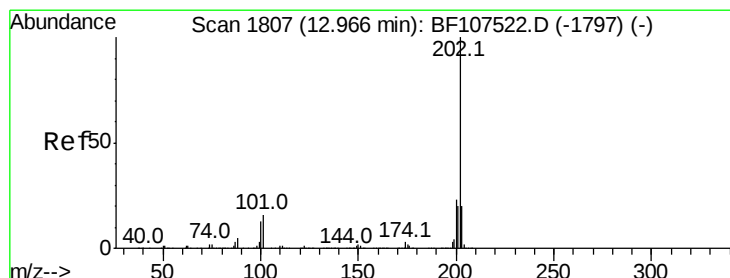
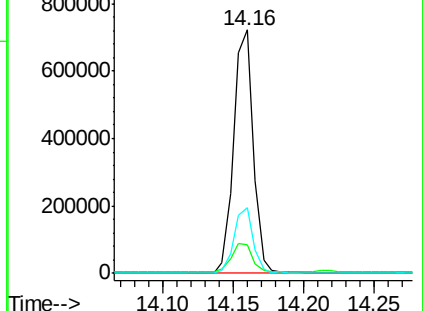
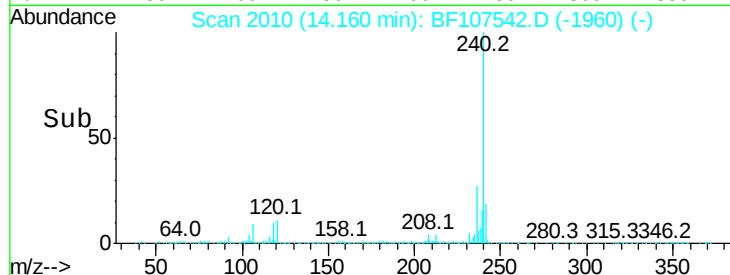
236 27.0 20.7 31.1



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: 2.004 ng

RT: 12.95 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF107542.D

Acq: 20 Jul 2018 23:37

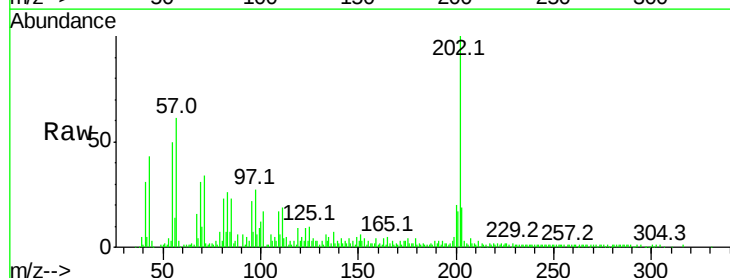
Tgt Ion:202 Resp: 95490

Ion Ratio Lower Upper

202 100

200 19.8 17.4 26.2

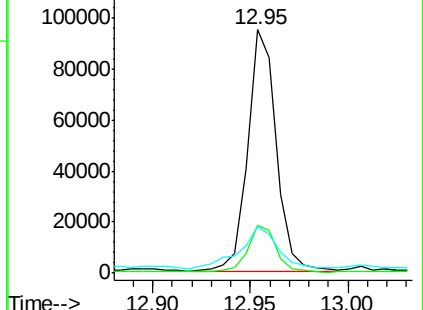
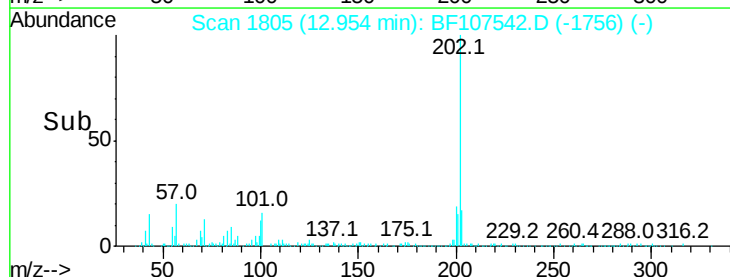
203 19.1 14.3 21.5

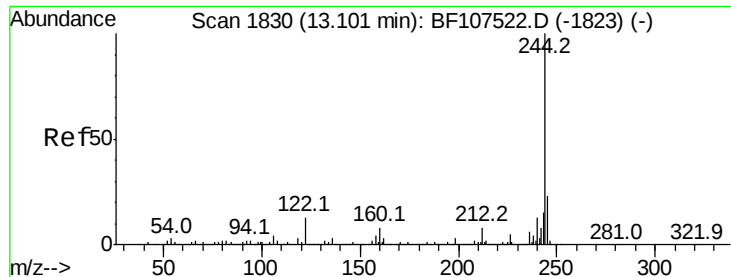


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

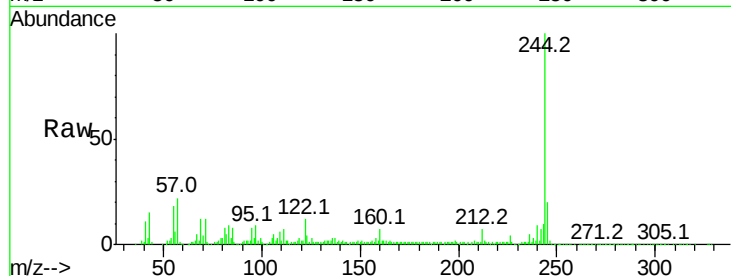




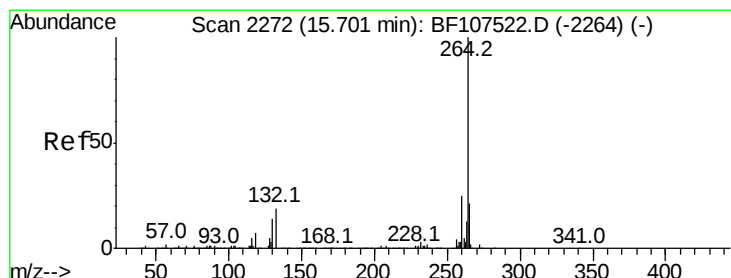
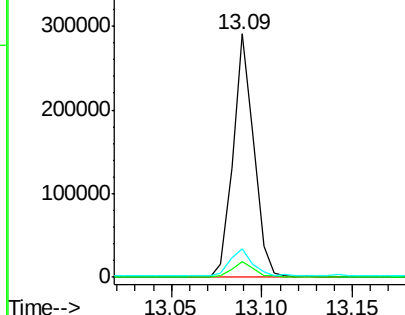
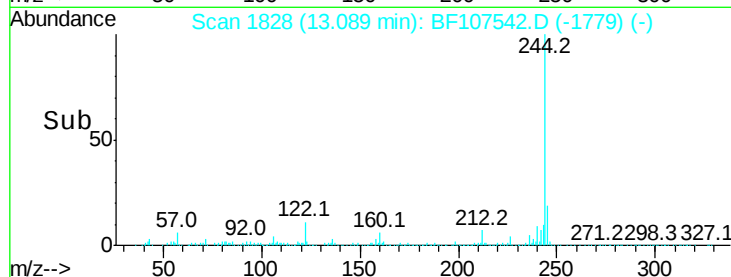
#78
 Terphenyl-d14
 Concen: 8.592 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Instrument :
 BNA_F
 ClientSampleId :
 SB6-12-7

Tot Ion:244 Resp: 233810
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.9 11.0 16.4

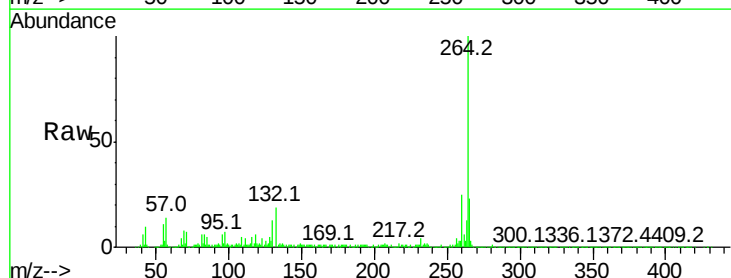


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2271
 Delta R.T. -0.01 min
 Lab File: BF107542.D
 Acq: 20 Jul 2018 23:37

Tgt Ion:264 Resp: 725226
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.2 28.8
 265 22.8 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

