

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
 Data File : BF106933.D
 Acq On : 28 Jun 2018 20:56
 Operator : JU/SJ
 Sample : J3242-03 5X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Quant Time: Jun 29 02:02:50 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

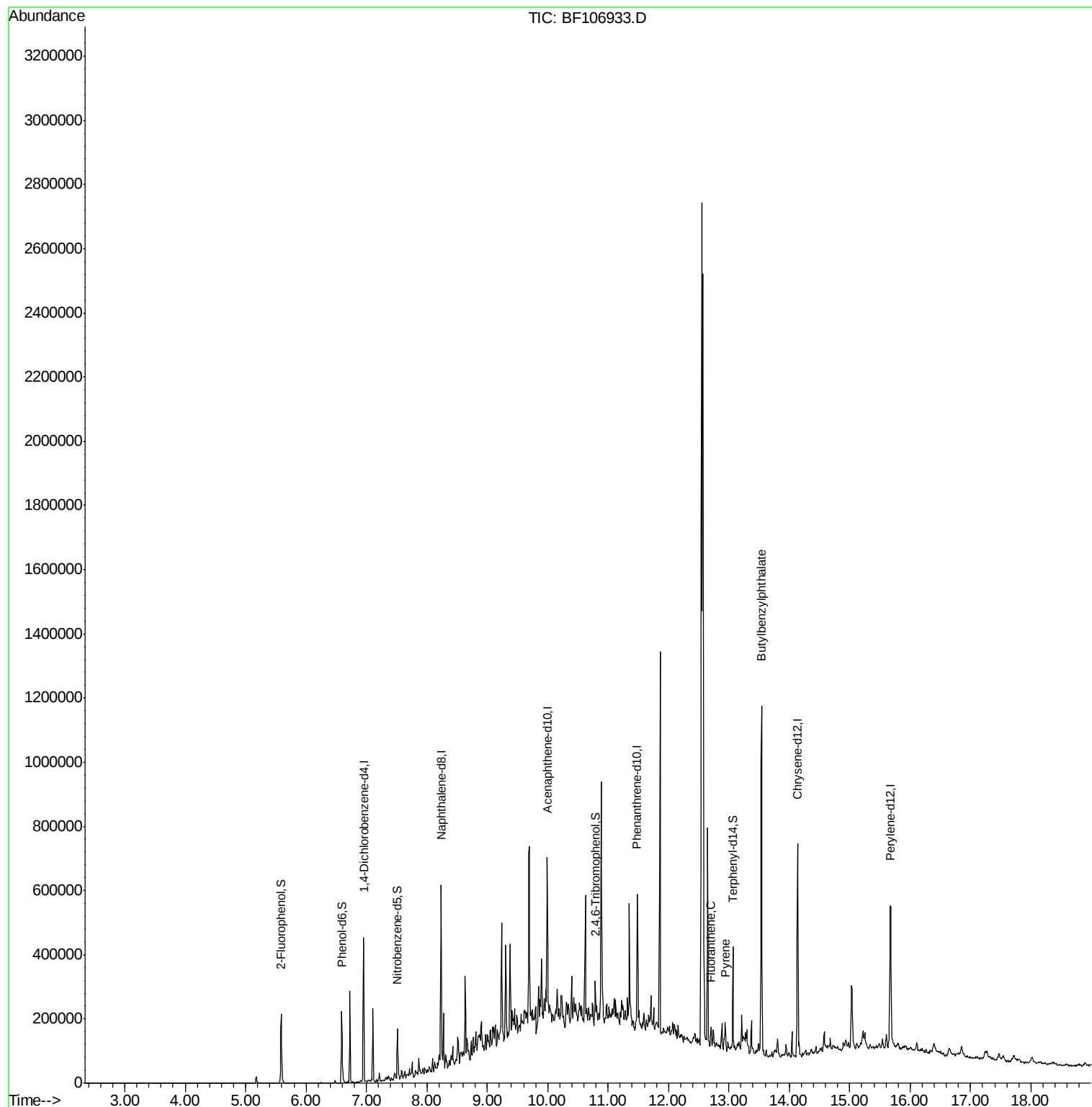
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	69686	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	237853	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	99179	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	167733	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	227350	20.00	ng	-0.03
86) Perylene-d12	15.68	264	235308	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	69360	16.85	ng	-0.01
7) Phenol-d6	6.59	99	82629	16.08	ng	-0.02
23) Nitrobenzene-d5	7.51	82	45677	10.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	16435	14.30	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	90361	0.81	ng	-0.02
78) Terphenyl-d14	13.07	244	97729	10.41	ng	-0.02
Target Compounds						
74) Fluoranthene	12.71	202	24721	2.772	ng	94
77) Pyrene	12.94	202	31711	2.115	ng	98
79) Butylbenzylphthalate	13.54	149	245764	39.871	ng	# 90

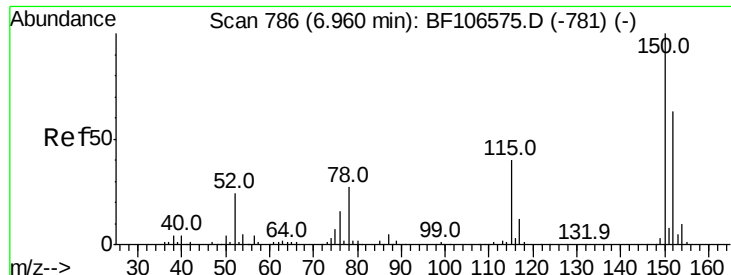
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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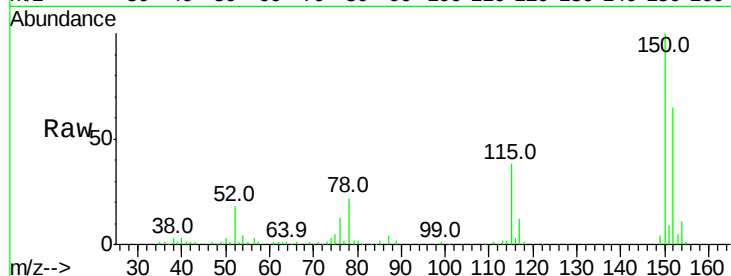


#1

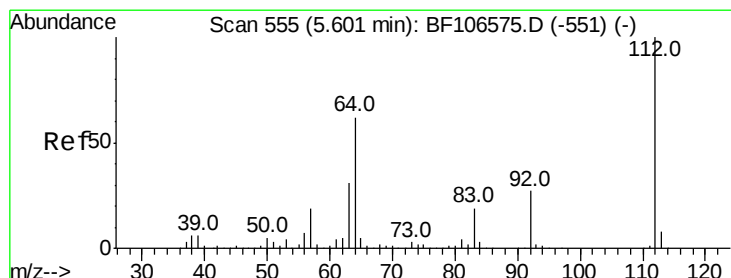
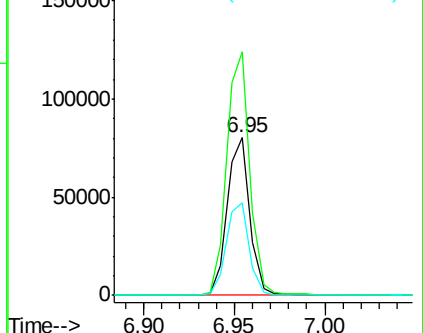
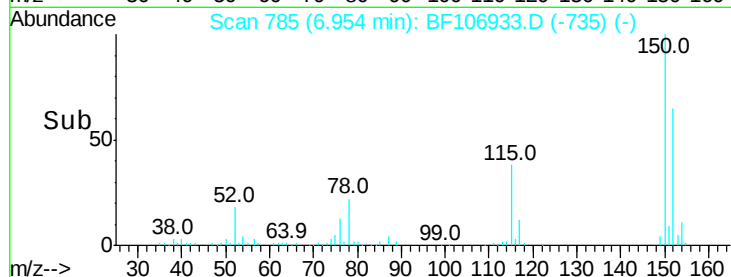
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Instrument :
BNA_F
ClientSampleId :
JC-02-062618-B

Tot Ion:152 Resp: 69686
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.9 50.1 75.1



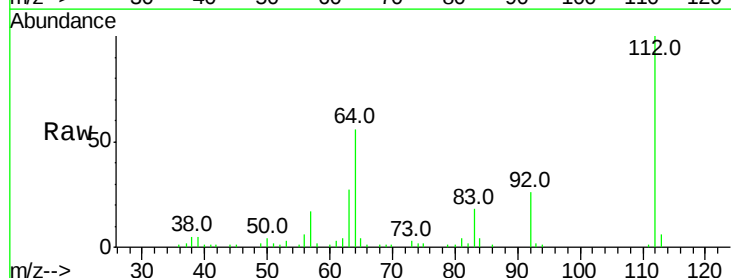
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



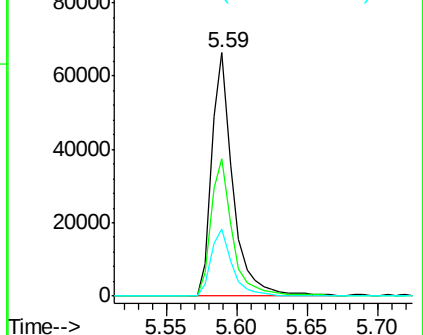
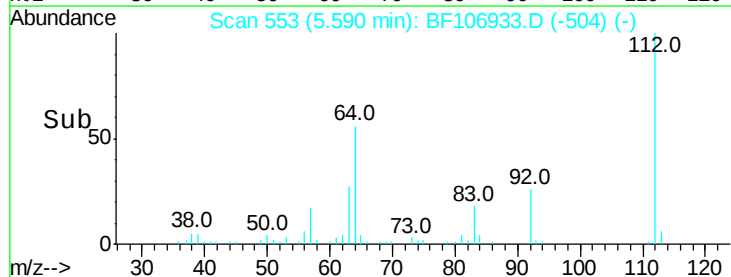
#5

2-Fluorophenol
Concen: 16.854 ng
RT: 5.59 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF106933.D
Acq: 28 Jun 2018 20:56

Tgt Ion:112 Resp: 69360
Ion Ratio Lower Upper
112 100
64 56.4 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: 16.078 ng

RT: 6.59 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

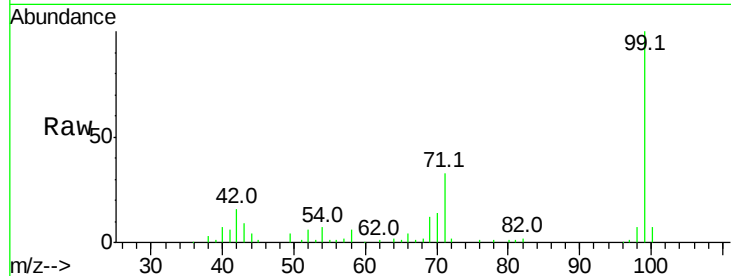
Tot Ion: 99 Resp: 82629

Ion Ratio Lower Upper

99 100

42 16.4 14.5 21.7

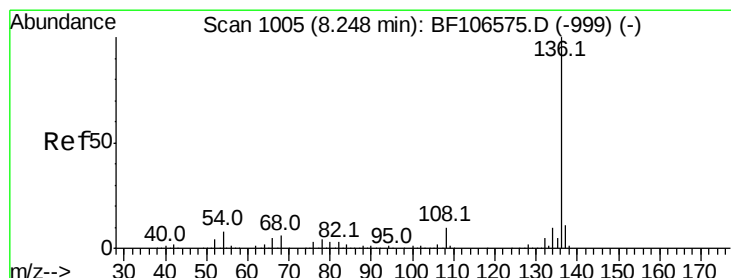
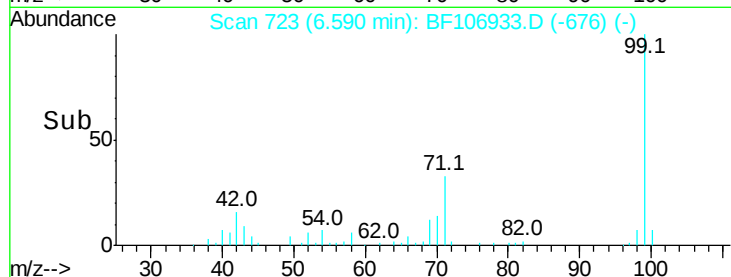
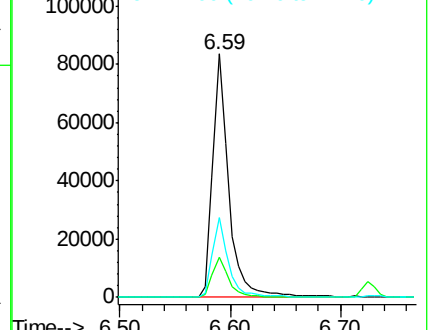
71 32.6 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Tgt Ion: 136 Resp: 237853

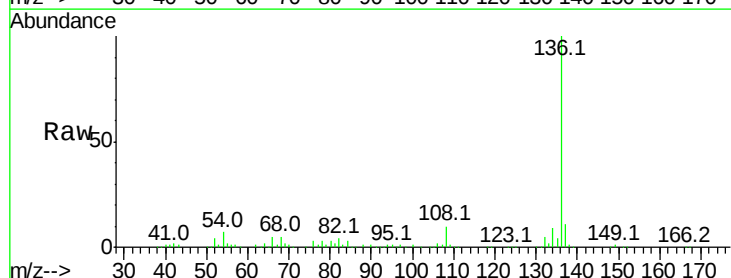
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.4 5.0 7.4

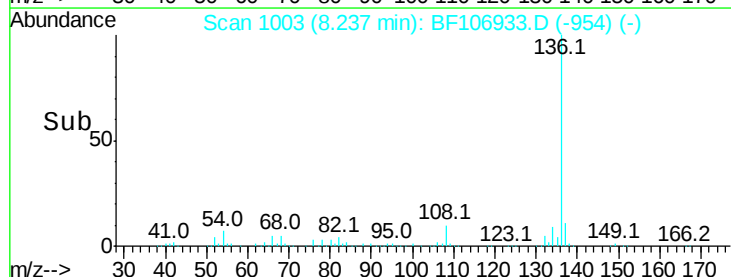
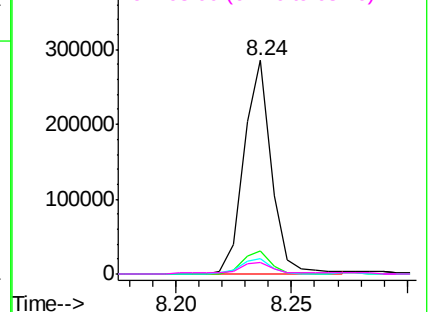


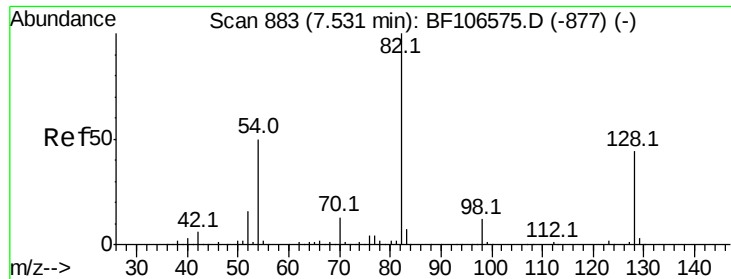
Abundance Ion 136.00 (135.70 to 136.70): E

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

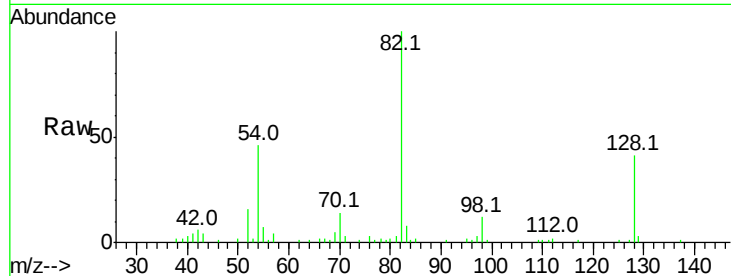




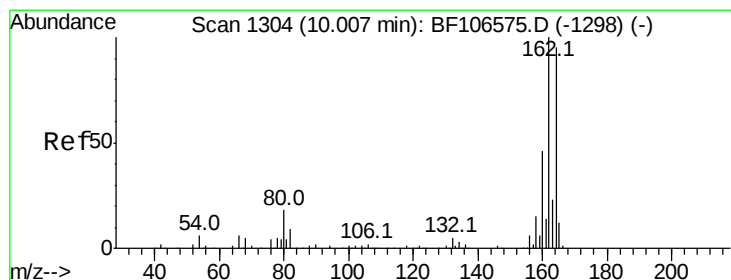
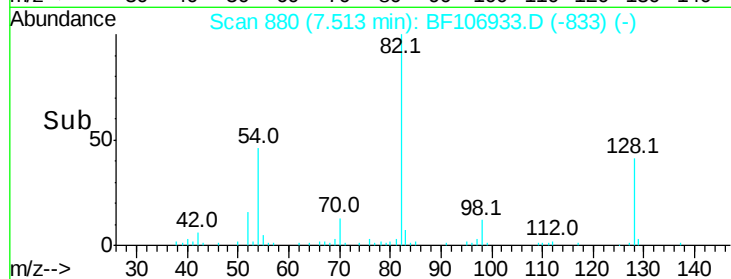
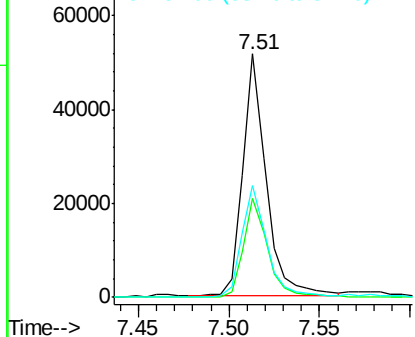
#23
 Nitrobenzene-d5
 Concen: 10.672 ng
 RT: 7.51 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Tot Ion: 82 Resp: 45677
 Ion Ratio Lower Upper
 82 100
 128 40.9 36.1 54.1
 54 46.0 41.4 62.2

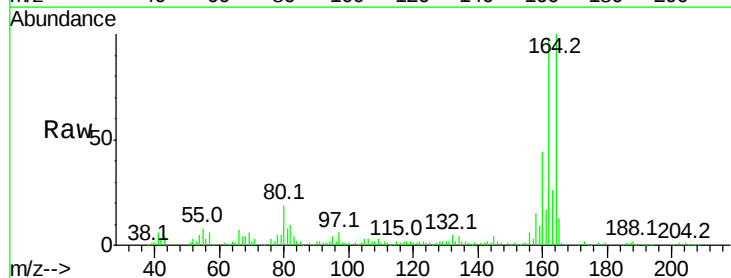


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

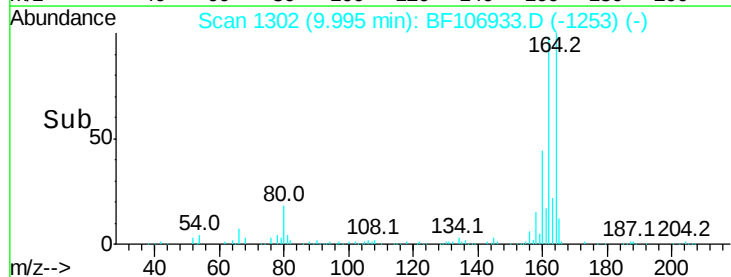
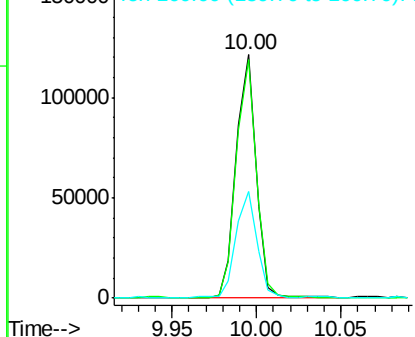


#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

Tgt Ion: 164 Resp: 99179
 Ion Ratio Lower Upper
 164 100
 162 97.8 86.1 129.1
 160 44.0 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
 Ion 162.00 (161.70 to 162.70): BF1
 Ion 160.00 (159.70 to 160.70): BF1

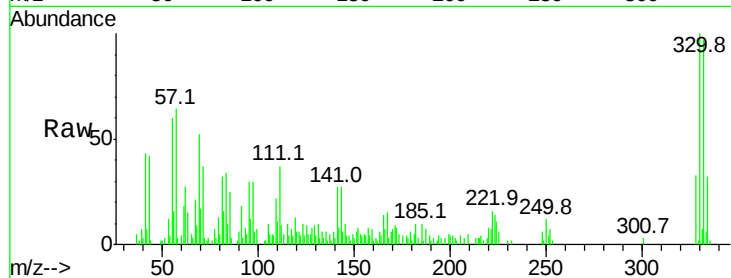




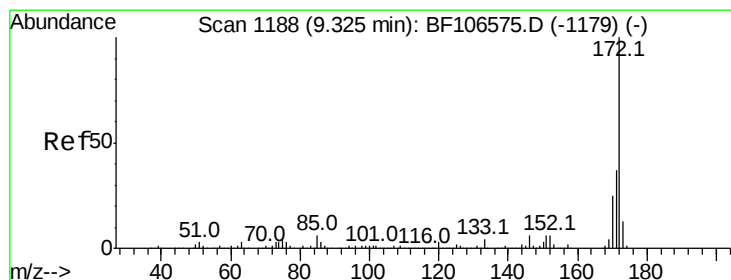
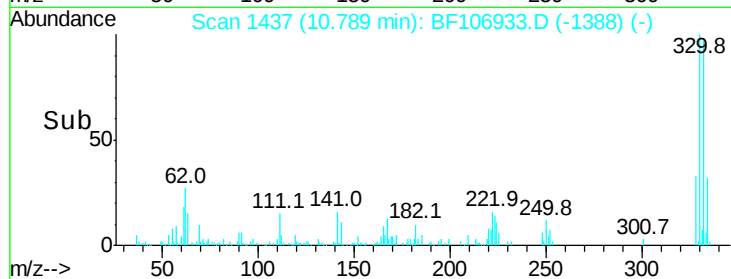
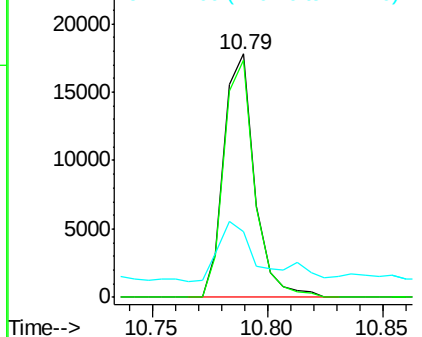
#41
 2,4,6-Tribromophenol
 Concen: 14.297 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Tot Ion:330 Resp: 16435
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 28.2 29.9 44.9#

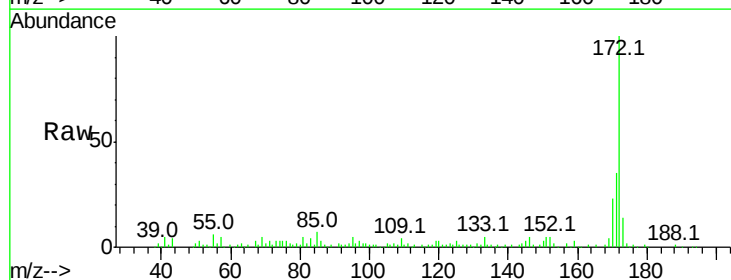


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

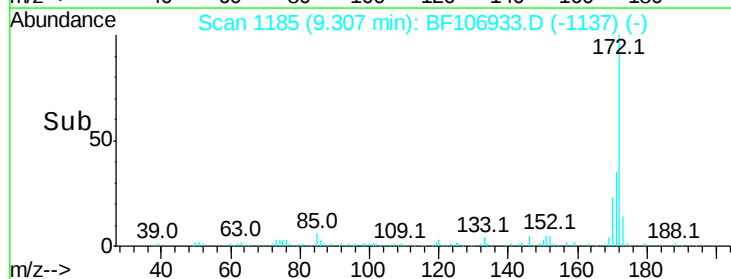
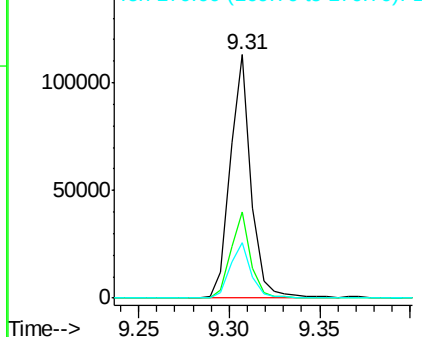


#44
 2-Fluorobiphenyl
 Concen: 0.811 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

Tgt Ion:172 Resp: 90361
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.6 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: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

BNA_F

ClientSampleId :

JC-02-062618-B

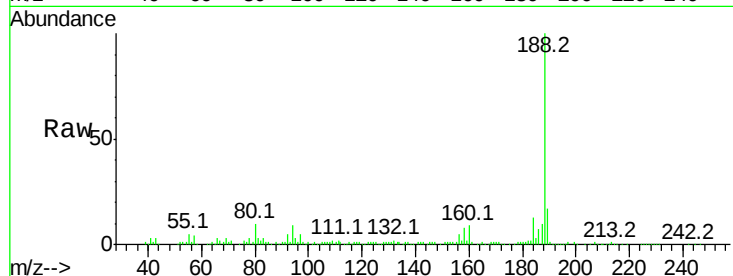
Tot Ion:188 Resp: 167733

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

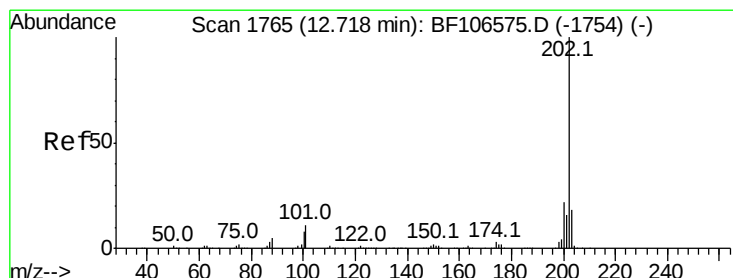
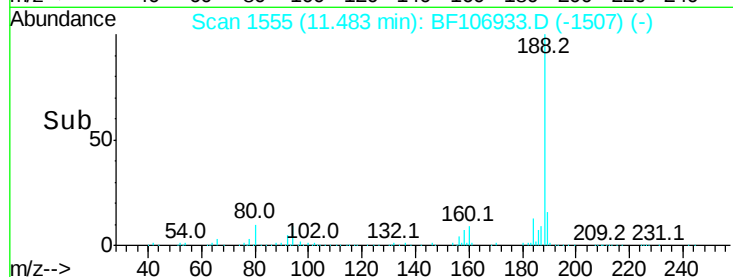
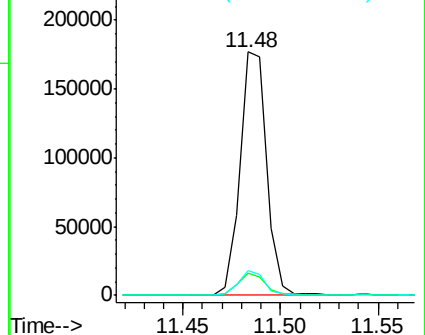
80 10.2 9.2 13.8



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



#74

Fluoranthene

Concen: 2.772 ng

RT: 12.71 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

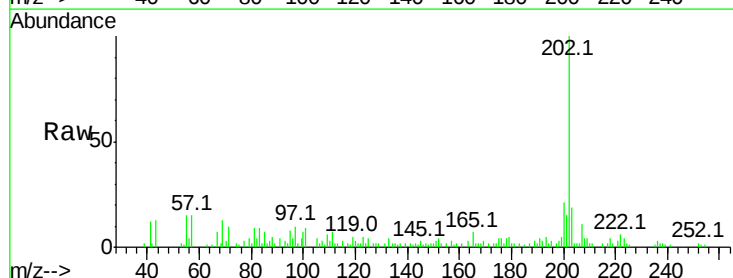
Tgt Ion:202 Resp: 24721

Ion Ratio Lower Upper

202 100

101 9.3 0.0 34.1

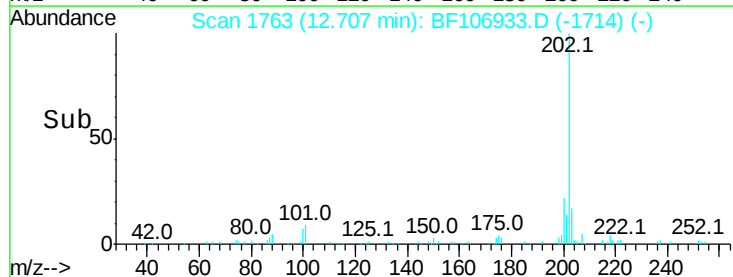
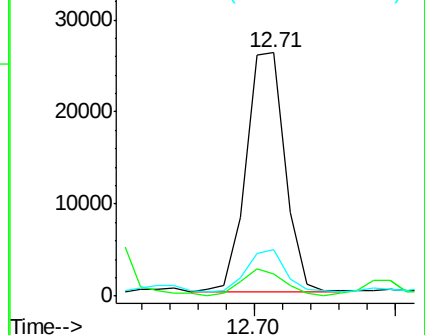
203 19.1 0.0 38.1

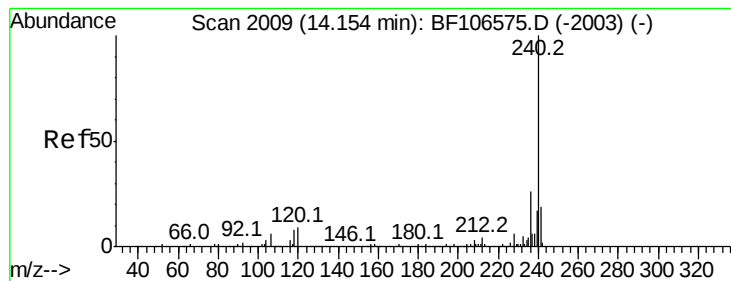


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

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ClientSampleId :

JC-02-062618-B

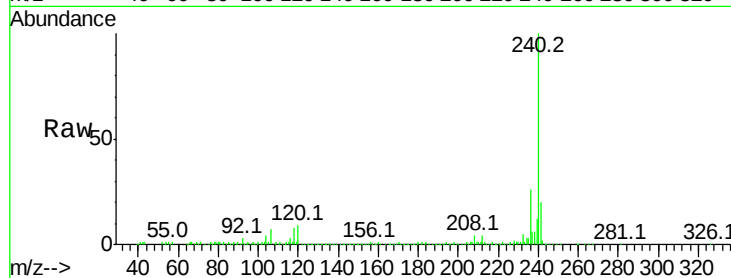
Tot Ion:240 Resp: 227350

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

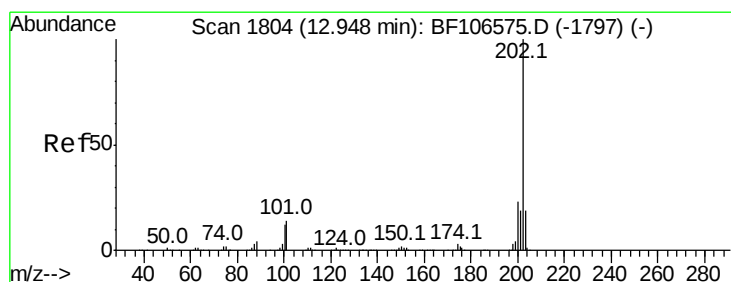
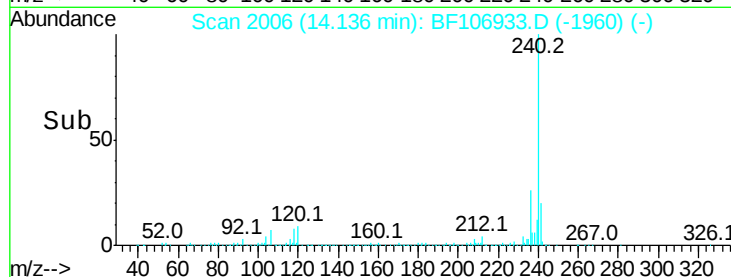
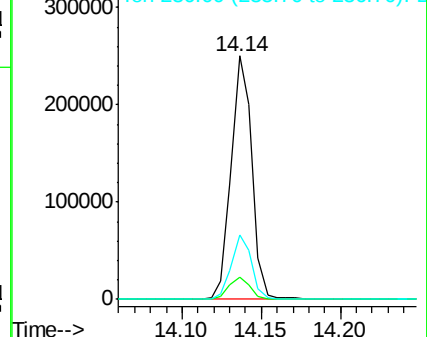
236 26.2 20.7 31.1



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: 2.115 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

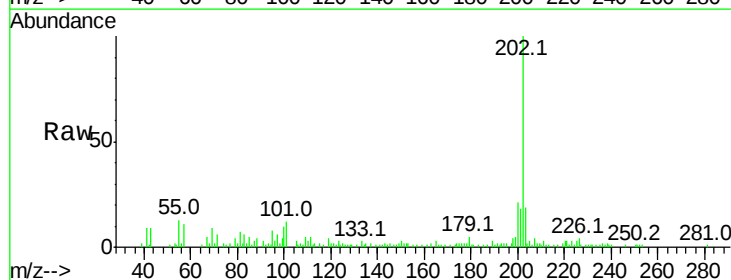
Tgt Ion:202 Resp: 31711

Ion Ratio Lower Upper

202 100

200 20.6 17.4 26.2

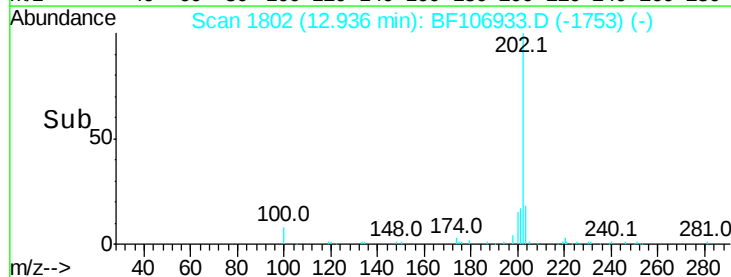
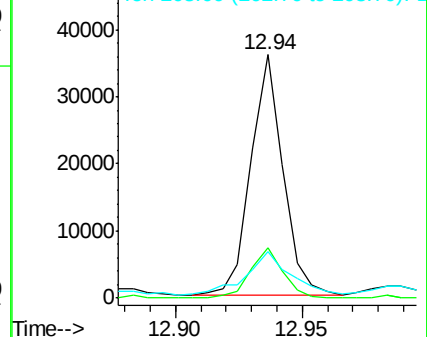
203 18.9 14.3 21.5

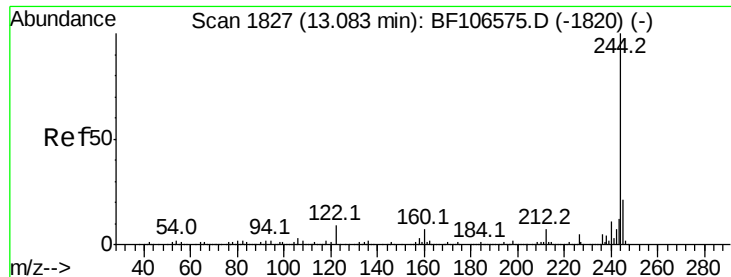


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 10.413 ng

RT: 13.07 min Scan# 1824

Delta R.T. -0.02 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

Instrument :

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ClientSampleId :

JC-02-062618-B

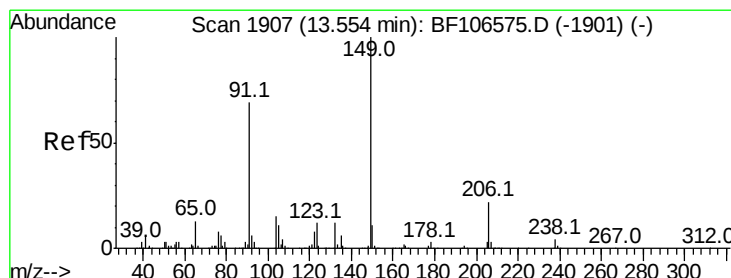
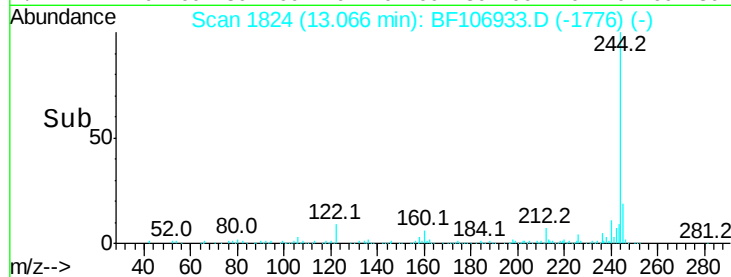
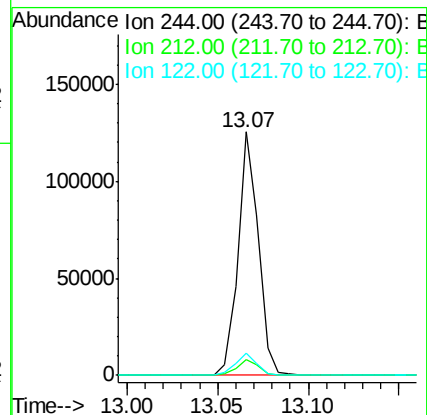
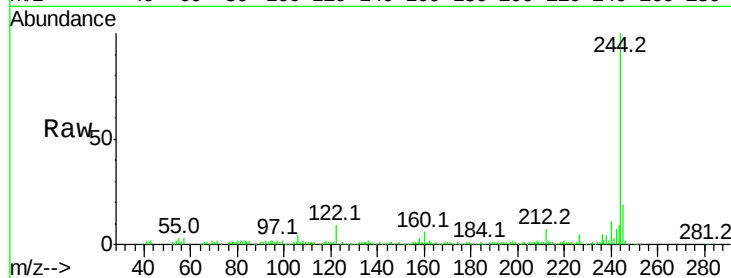
Tot Ion:244 Resp: 97729

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

122 9.4 11.0 16.4#



#79

Butylbenzylphthalate

Concen: 39.871 ng

RT: 13.54 min Scan# 1905

Delta R.T. -0.01 min

Lab File: BF106933.D

Acq: 28 Jun 2018 20:56

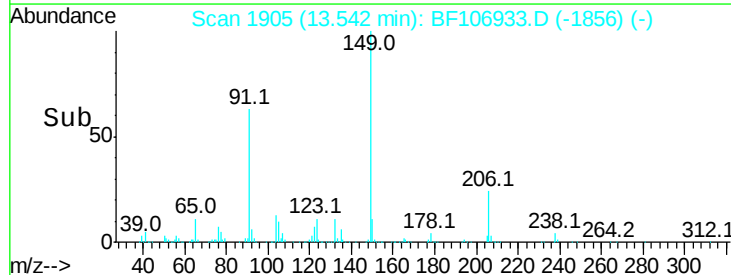
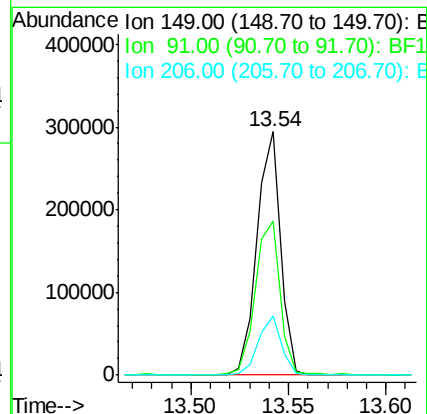
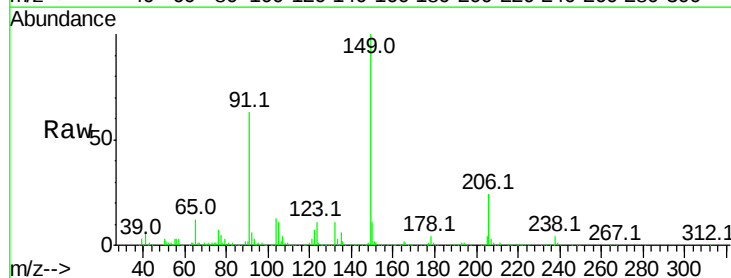
Tgt Ion:149 Resp: 245764

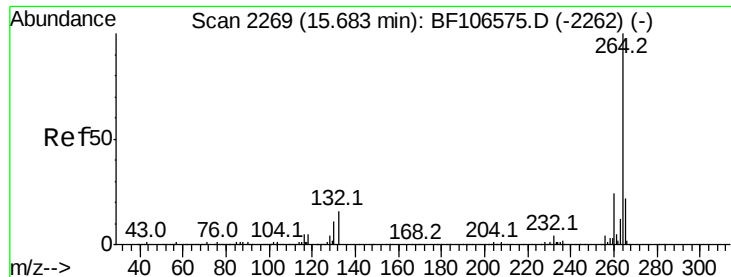
Ion Ratio Lower Upper

149 100

91 63.3 56.8 85.2

206 24.4 14.1 21.1#

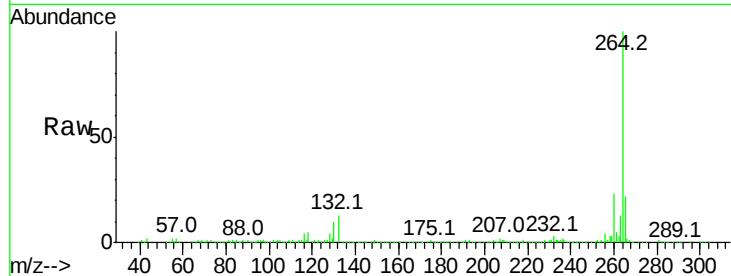




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.04 min
 Lab File: BF106933.D
 Acq: 28 Jun 2018 20:56

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-062618-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.7	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

