

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071118\
 Data File : BF107316.D
 Acq On : 11 Jul 2018 22:26
 Operator : JU/SJ
 Sample : J3911-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB47196RT

Quant Time: Jul 12 04:01:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 11 16:39:37 2018
 Response via : Initial Calibration

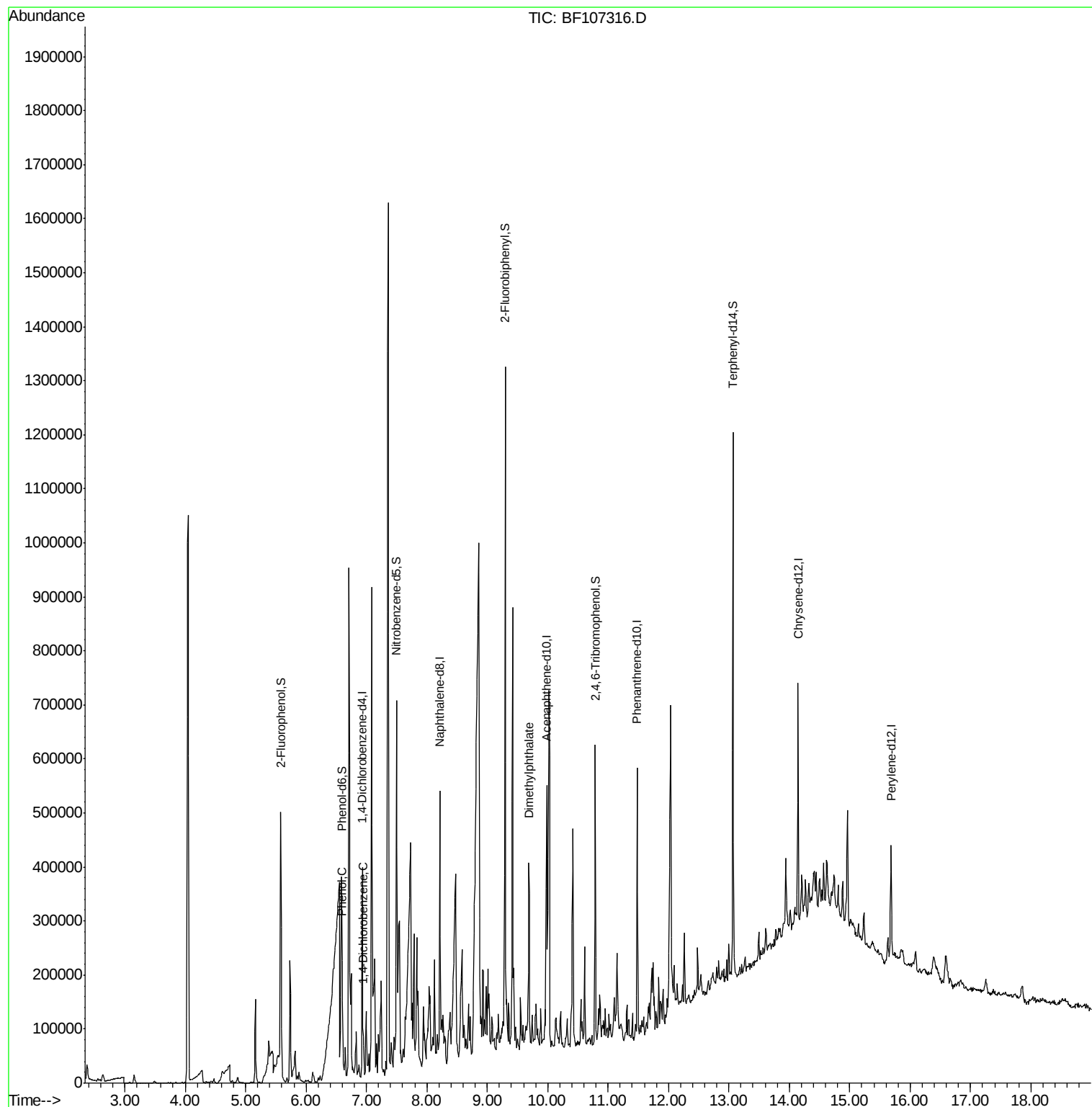
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	56969	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	199395	20.00	ng	0.00
38) Acenaphthene-d10	9.98	164	88510	20.00	ng	0.00
63) Phenanthrene-d10	11.48	188	169498	20.00	ng	0.00
75) Chrysene-d12	14.14	240	147806	20.00	ng	0.00
86) Perylene-d12	15.68	264	107320	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	151798	45.12	ng	0.02
7) Phenol-d6	6.59	99	123830	29.47	ng	0.01
23) Nitrobenzene-d5	7.50	82	202504	56.44	ng	0.00
41) 2,4,6-Tribromophenol	10.79	330	82416	80.34	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	358706	65.15	ng	0.00
78) Terphenyl-d14	13.07	244	402925	66.03	ng	0.00
Target Compounds						
10) Phenol	6.60	94	31134	6.493	ng	96
13) 1,4-Dichlorobenzene	6.95	146	12768	2.922	ng	97
49) Dimethylphthalate	9.69	163	128857	19.411	ng	98

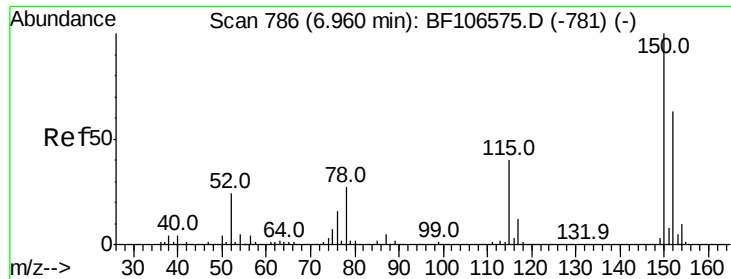
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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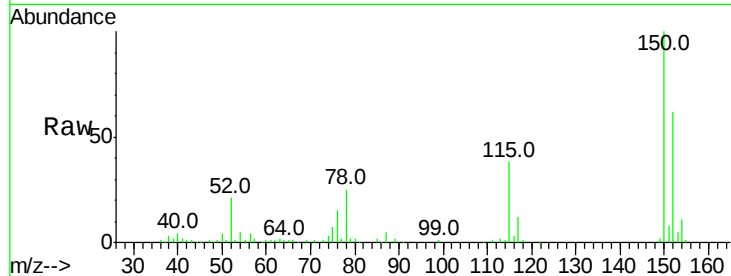


#1

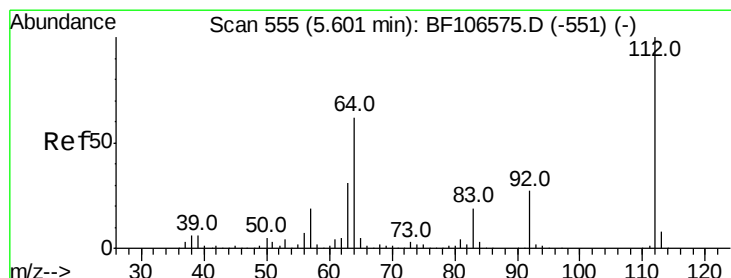
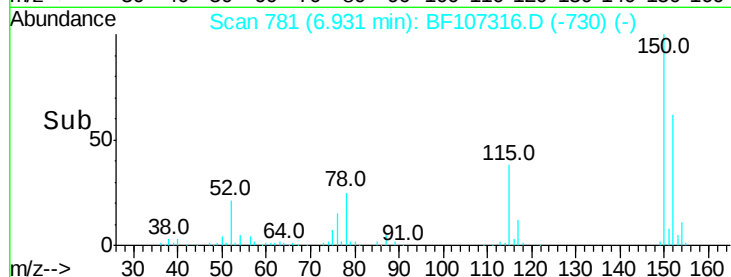
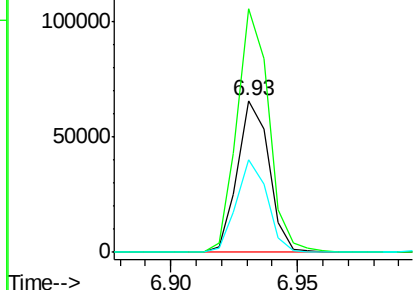
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 781
Delta R.T. -0.00 min
Lab File: BF107316.D
Acq: 11 Jul 2018 22:26

Instrument :
BNA_F
ClientSampleId :
RB47196RT

Tot Ion:152 Resp: 56969
Ion Ratio Lower Upper
152 100
150 160.3 124.6 186.8
115 60.6 50.1 75.1



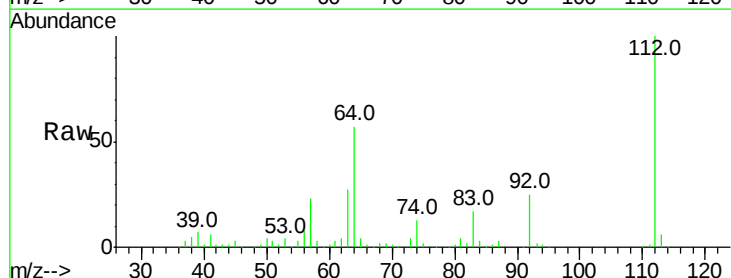
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



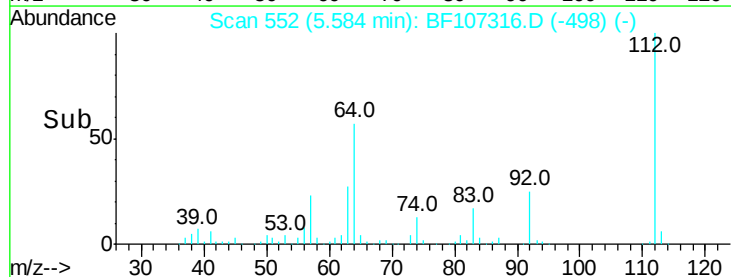
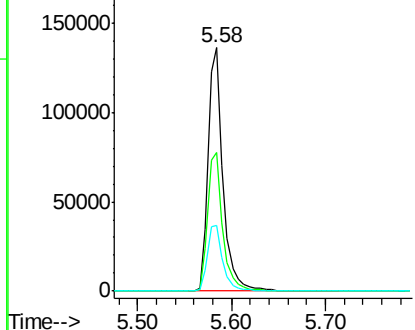
#5

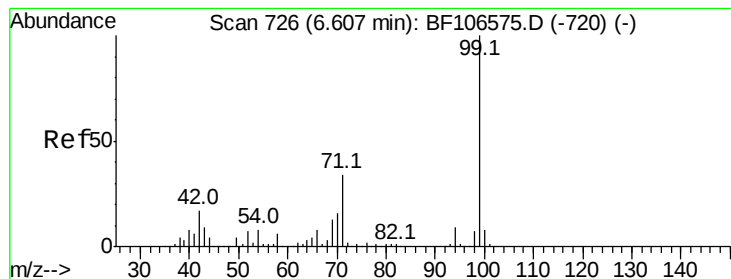
2-Fluorophenol
Concen: 45.120 ng
RT: 5.58 min Scan# 552
Delta R.T. 0.02 min
Lab File: BF107316.D
Acq: 11 Jul 2018 22:26

Tgt Ion:112 Resp: 151798
Ion Ratio Lower Upper
112 100
64 57.0 47.9 71.9
63 26.8 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: 29.473 ng

RT: 6.59 min Scan# 723

Delta R.T. 0.01 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

Instrument :

BNA_F

ClientSampleId :

RB47196RT

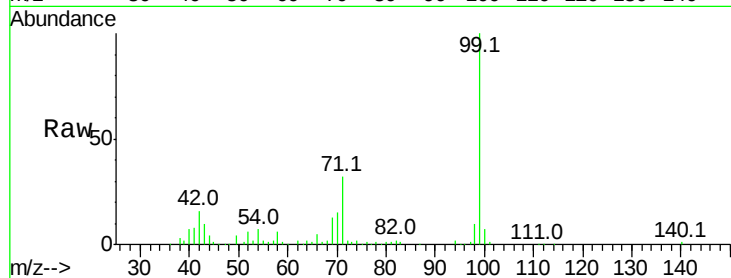
Tot Ion: 99 Resp: 123830

Ion Ratio Lower Upper

99 100

42 16.3 14.5 21.7

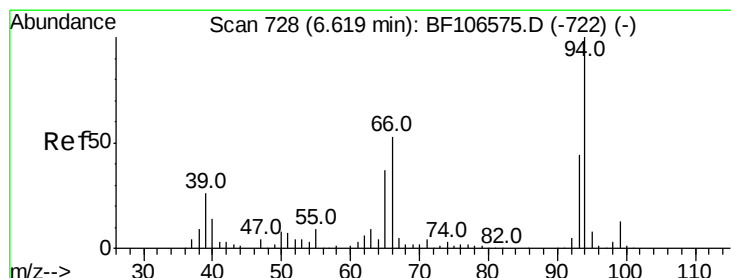
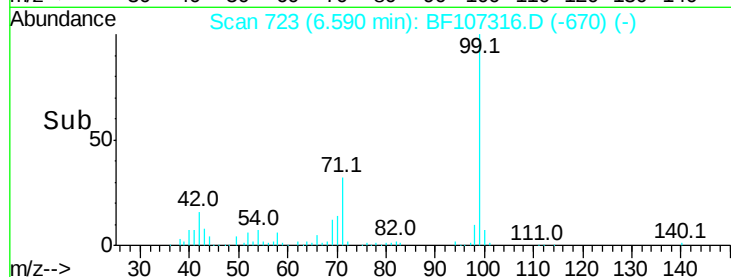
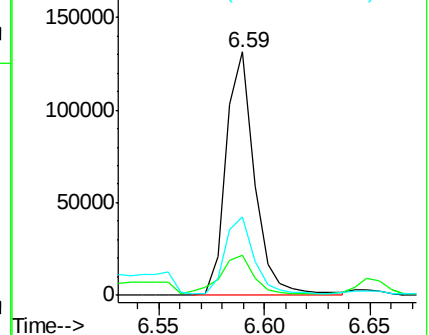
71 32.4 25.4 38.0



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



#10

Phenol

Concen: 6.493 ng

RT: 6.60 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

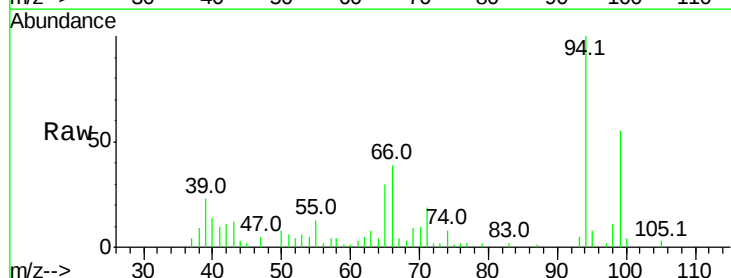
Tgt Ion: 94 Resp: 31134

Ion Ratio Lower Upper

94 100

65 30.1 7.9 47.9

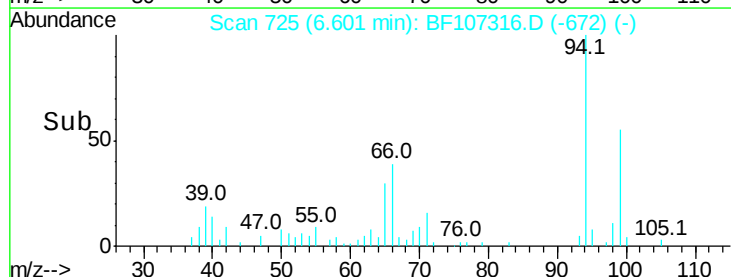
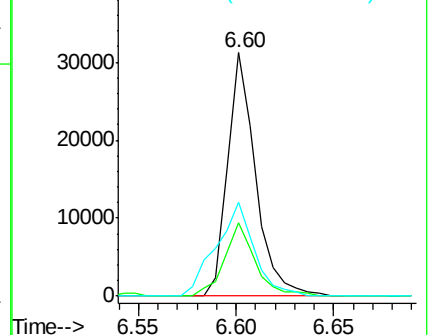
66 38.5 16.2 56.2

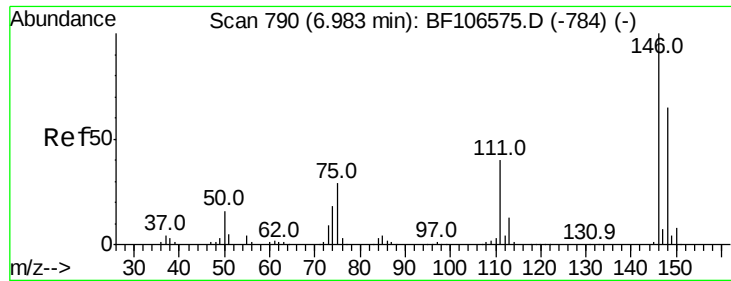


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#13

1,4-Dichlorobenzene

Concen: 2.922 ng

RT: 6.95 min Scan# 784

Delta R.T. -0.00 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

Instrument :

BNA_F

ClientSampleId :

RB47196RT

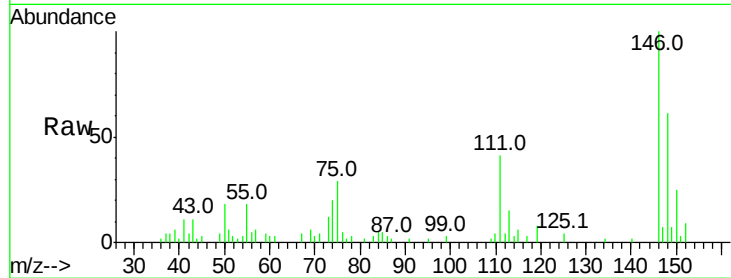
Tot Ion:146 Resp: 12768

Ion Ratio Lower Upper

146 100

148 61.1 50.8 76.2

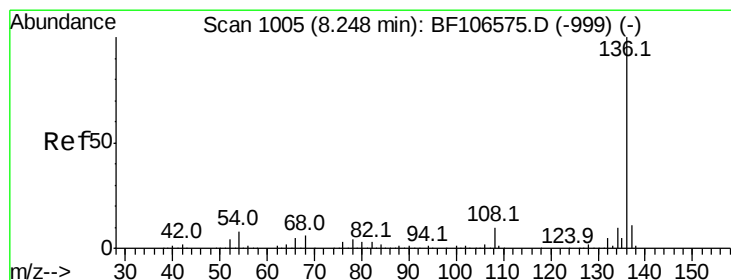
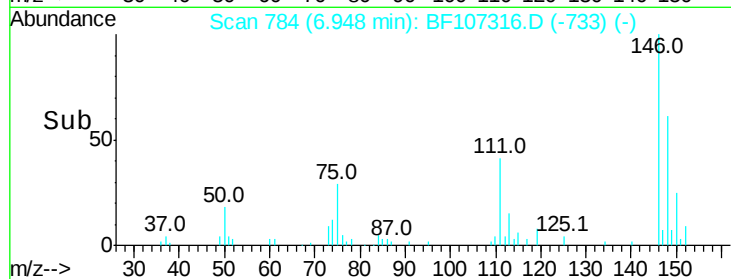
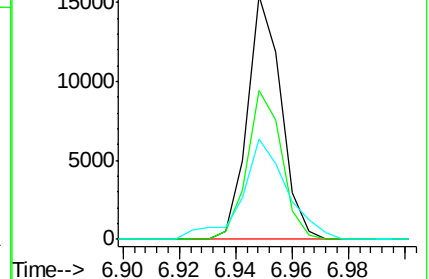
111 41.3 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1000

Delta R.T. -0.00 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

Tgt Ion:136 Resp: 199395

Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 7.7 6.6 9.8

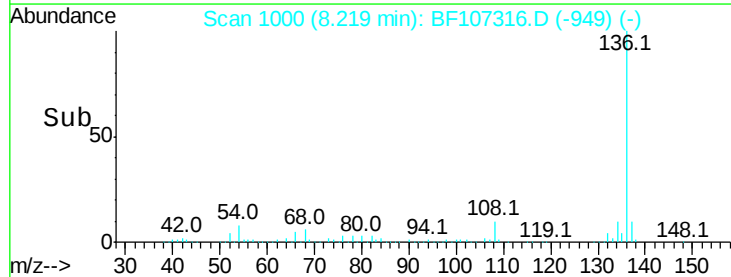
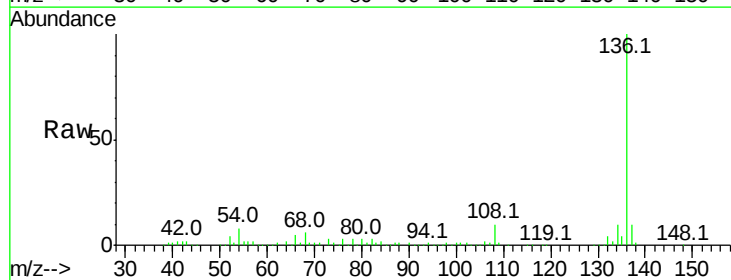
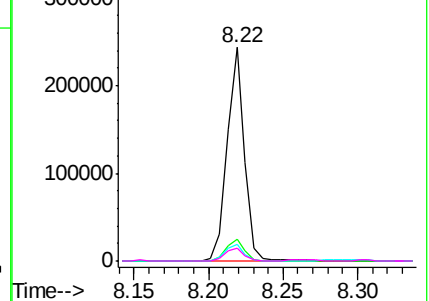
68 6.2 5.0 7.4

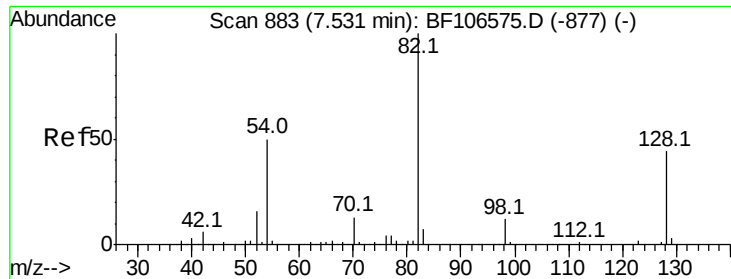
Abundance Ion 136.00 (135.70 to 136.70): E

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

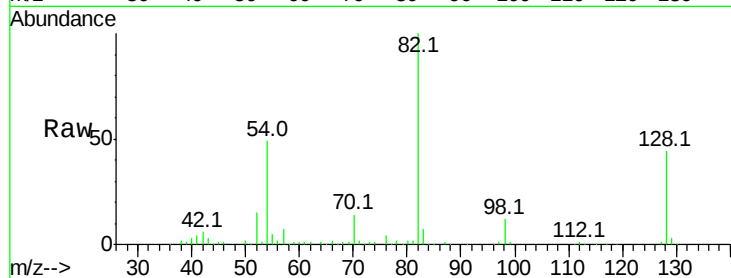




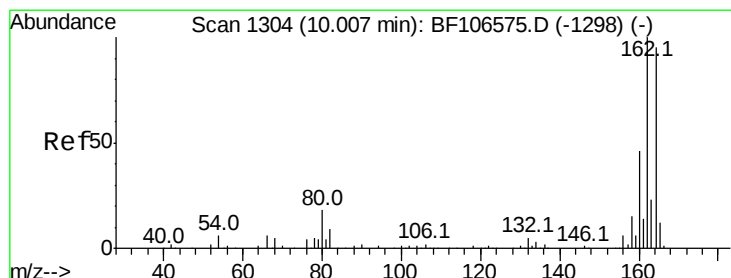
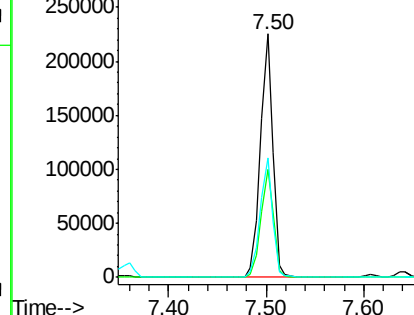
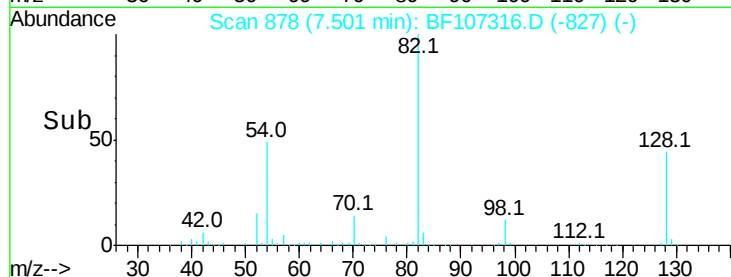
#23
 Nitrobenzene-d5
 Concen: 56.440 ng
 RT: 7.50 min Scan# 878
 Delta R.T. -0.00 min
 Lab File: BF107316.D
 Acq: 11 Jul 2018 22:26

Instrument :
 BNA_F
 ClientSampleId :
 RB47196RT

Tot Ion	82	Resp	202504
Ion Ratio	100		
Lower	36.1		
Upper	54.1		
54	48.8	41.4	62.2

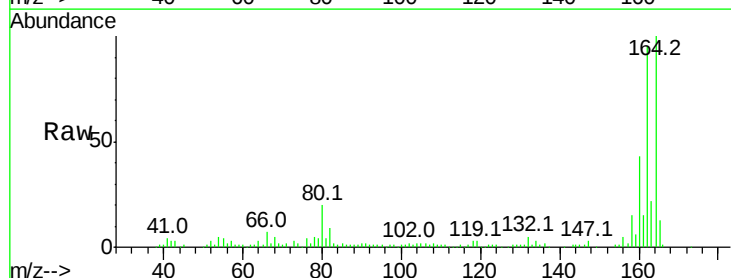


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

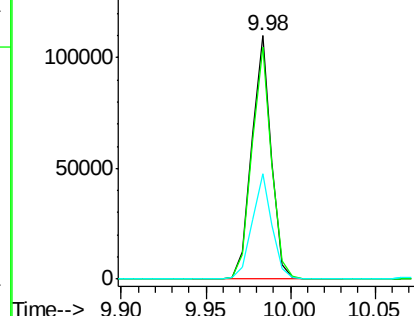
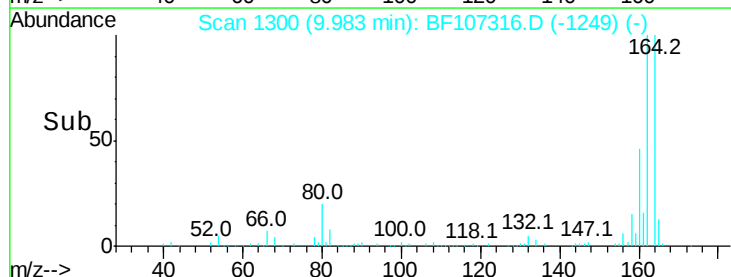


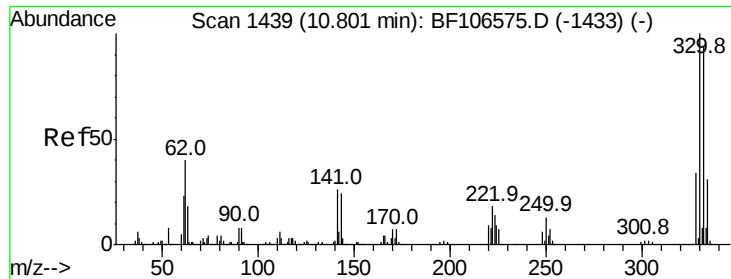
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.98 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF107316.D
 Acq: 11 Jul 2018 22:26

Tgt Ion	164	Resp	88510
Ion Ratio	100		
Lower	86.1		
Upper	129.1		
162	95.3	38.3	57.5
160	43.4		



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

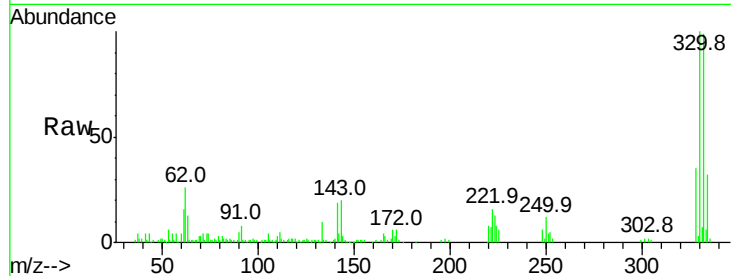




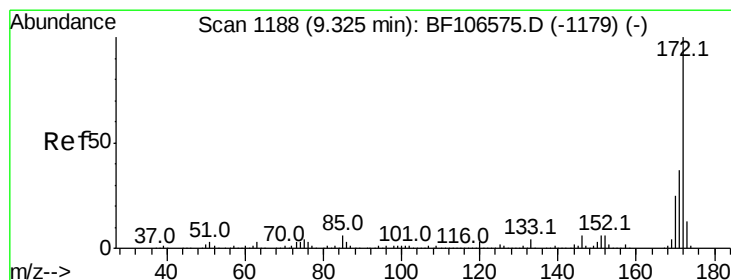
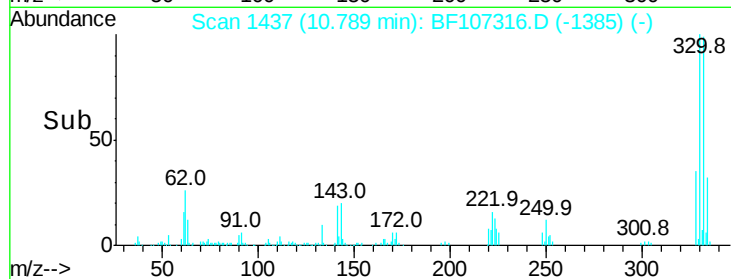
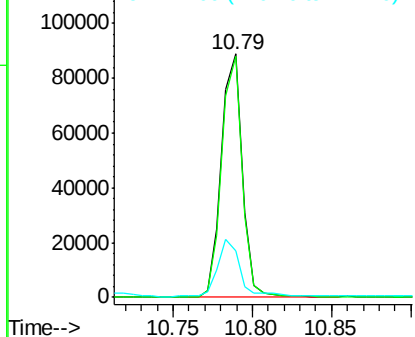
#41
 2,4,6-Tribromophenol
 Concen: 80.339 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF107316.D
 Acq: 11 Jul 2018 22:26

Instrument :
 BNA_F
 ClientSampleId :
 RB47196RT

Tot Ion:330 Resp: 82416
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.0 115.6
 141 24.7 29.9 44.9#

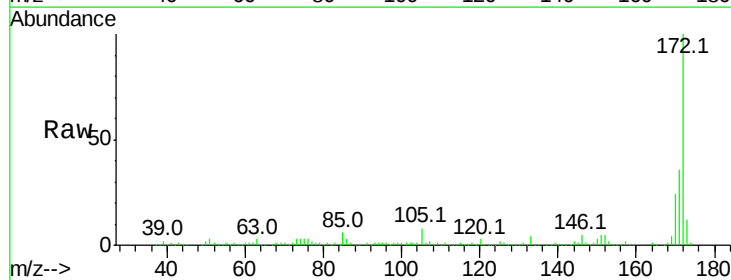


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

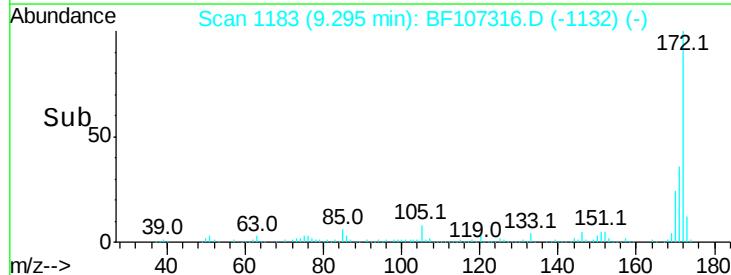
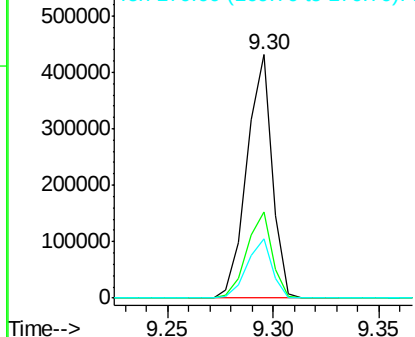


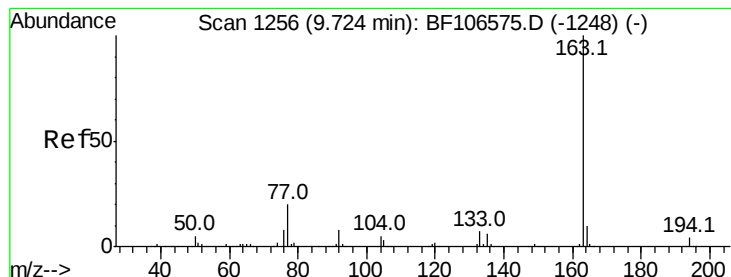
#44
 2-Fluorobiphenyl
 Concen: 65.153 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF107316.D
 Acq: 11 Jul 2018 22:26

Tgt Ion:172 Resp: 358706
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.2 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





#49

Dimethylphthalate

Concen: 19.411 ng

RT: 9.69 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

Instrument :

BNA_F

ClientSampleId :

RB47196RT

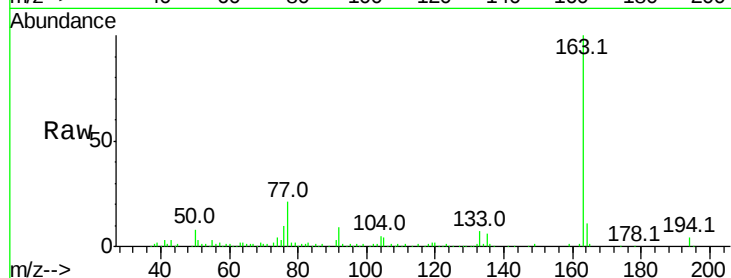
Tot Ion:163 Resp: 128857

Ion Ratio Lower Upper

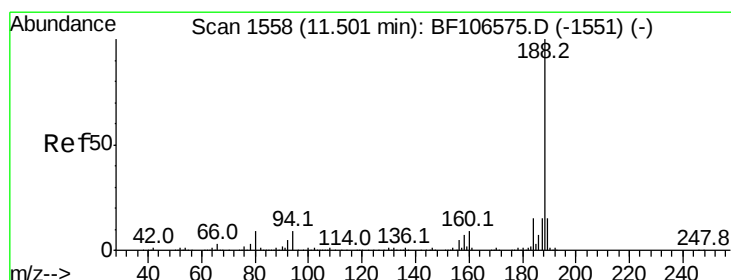
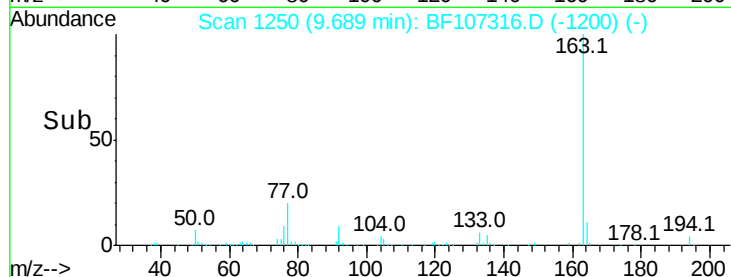
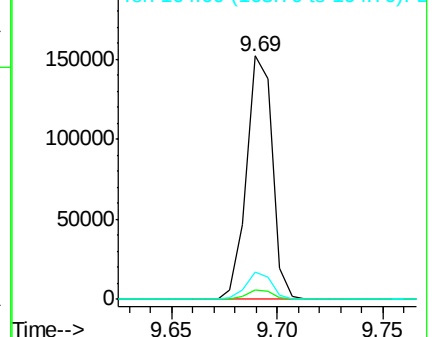
163 100

194 3.9 2.7 4.1

164 11.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

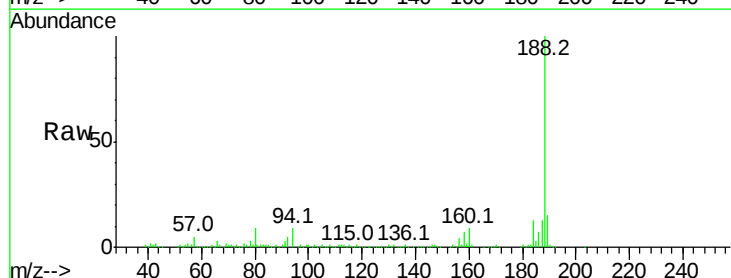
Tgt Ion:188 Resp: 169498

Ion Ratio Lower Upper

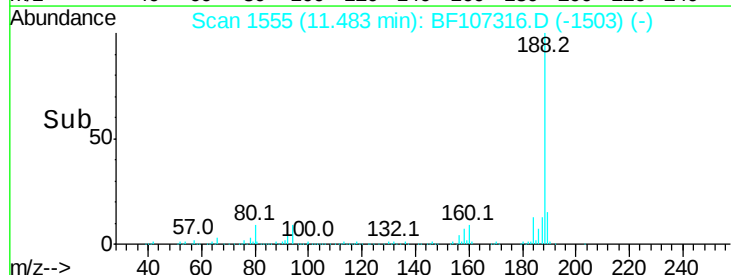
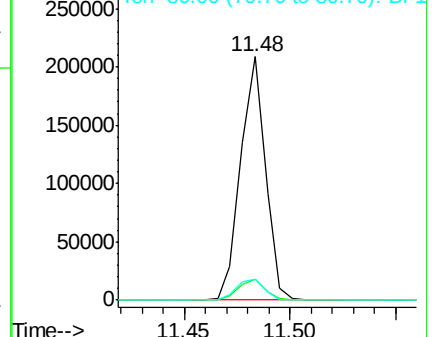
188 100

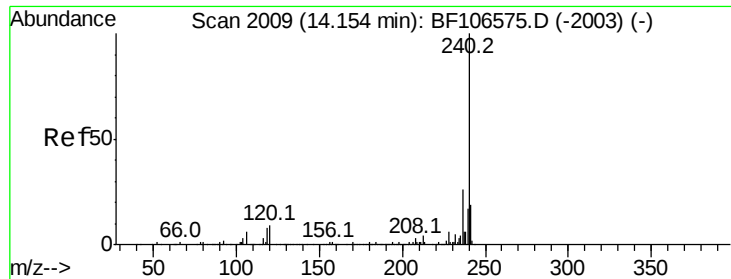
94 8.7 8.5 12.7

80 8.8 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

Instrument :

BNA_F

ClientSampleId :

RB47196RT

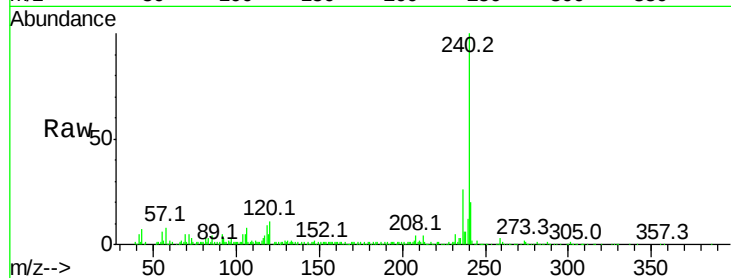
Tot Ion:240 Resp: 147806

Ion Ratio Lower Upper

240 100

120 10.8 9.5 14.3

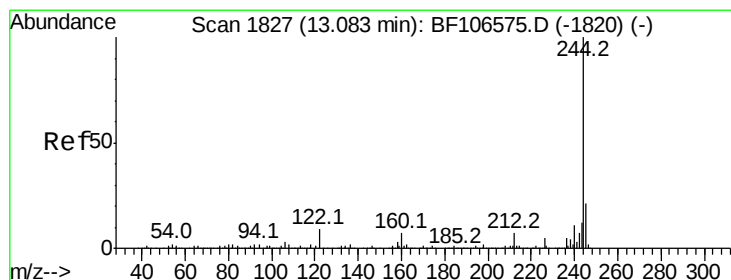
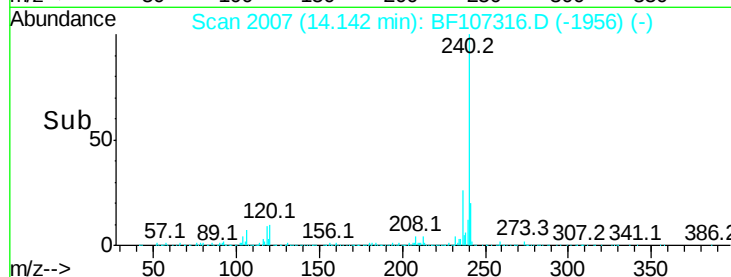
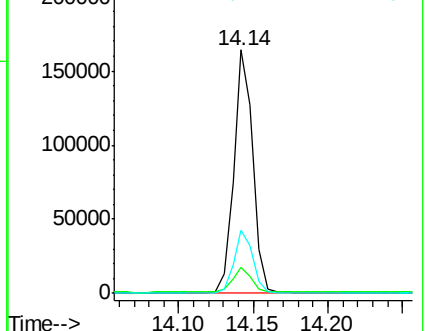
236 25.9 20.7 31.1



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



#78

Terphenyl-d14

Concen: 66.033 ng

RT: 13.07 min Scan# 1825

Delta R.T. 0.01 min

Lab File: BF107316.D

Acq: 11 Jul 2018 22:26

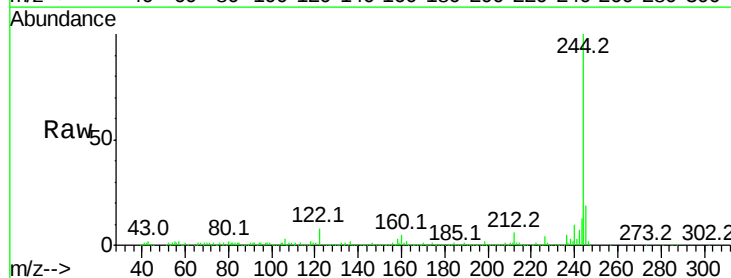
Tgt Ion:244 Resp: 402925

Ion Ratio Lower Upper

244 100

212 6.2 5.4 8.0

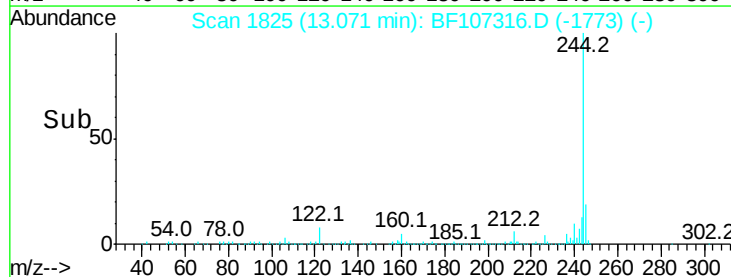
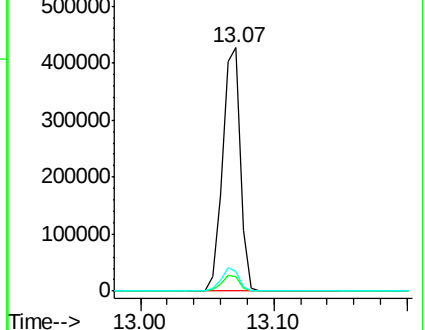
122 8.0 11.0 16.4#

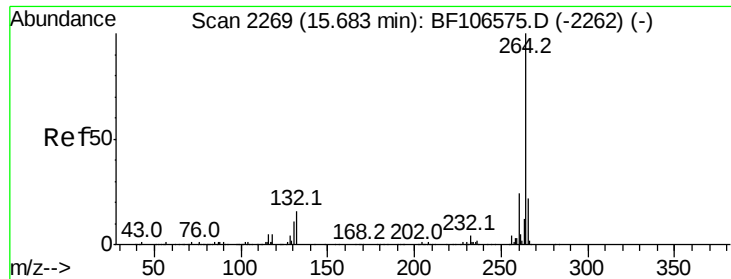


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF107316.D
Acq: 11 Jul 2018 22:26

Instrument :
BNA_F
ClientSampleId :
RB47196RT

Tot Ion:	264	Resp:	107320
Ion	Ratio	Lower	Upper
264	100		
260	21.8	19.2	28.8
265	22.2	17.5	26.3

