

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107917.D
 Acq On : 2 Aug 2018 18:50
 Operator : JU/SJ
 Sample : J4267-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-N

Quant Time: Aug 03 02:26:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 30 17:48:53 2018
 Response via : Initial Calibration

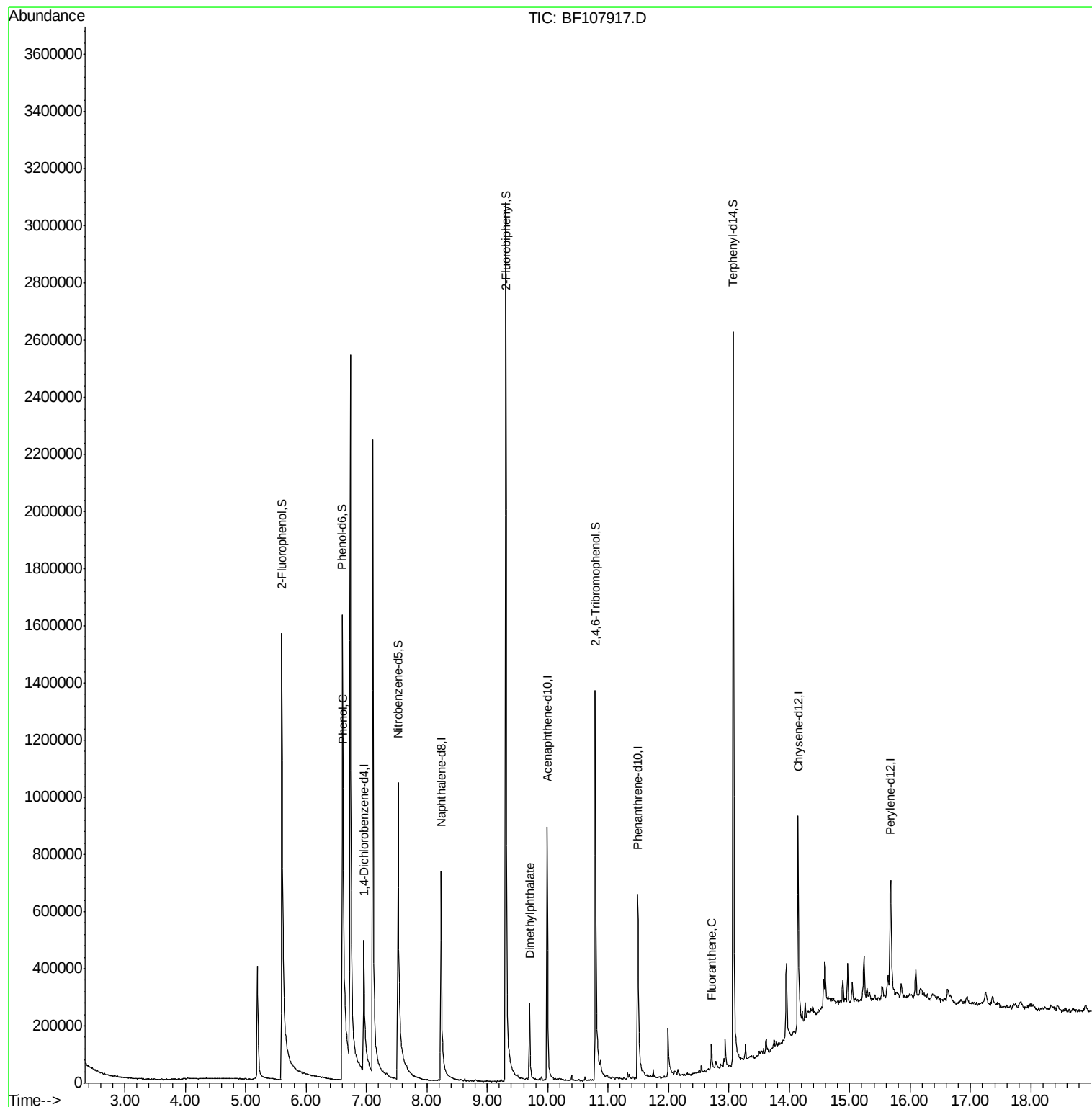
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	146818	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	600723	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	226627	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	411616	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	395592	20.00	ng	-0.01
86) Perylene-d12	15.68	264	303143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	965403	111.75	ng	0.00
7) Phenol-d6	6.60	99	1139674	100.10	ng	0.00
23) Nitrobenzene-d5	7.52	82	756328	72.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.79	330	271948	88.31	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1351197	83.08	ng	-0.01
78) Terphenyl-d14	13.07	244	1203257	65.96	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	52747	3.885	ng	# 31
49) Dimethylphthalate	9.70	163	150047	8.816	ng	# 99
74) Fluoranthene	12.71	202	50885	2.216	ng	96

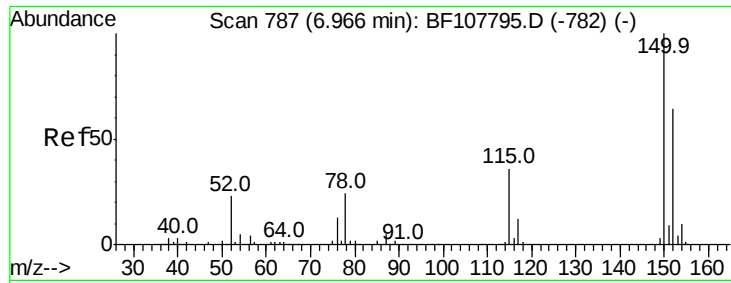
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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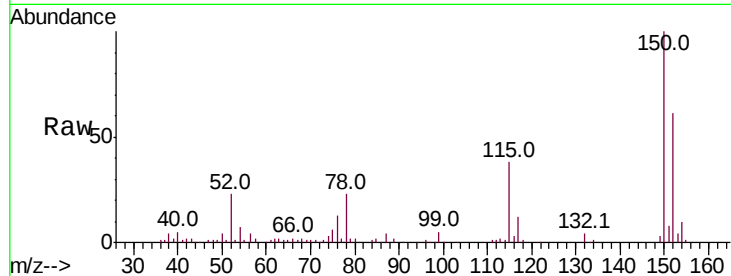


#1

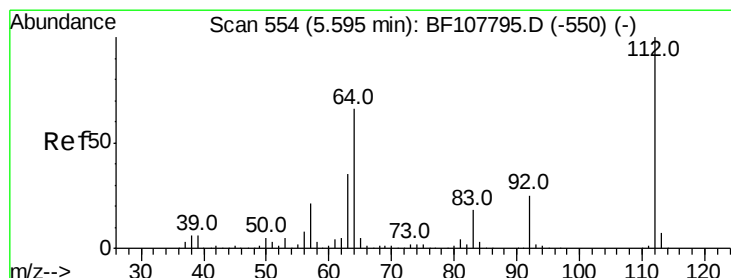
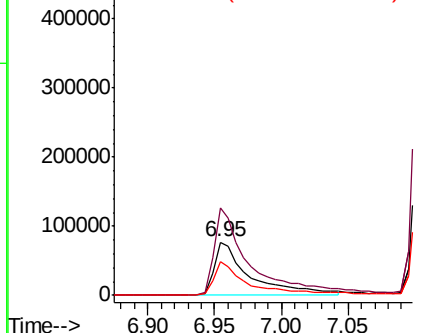
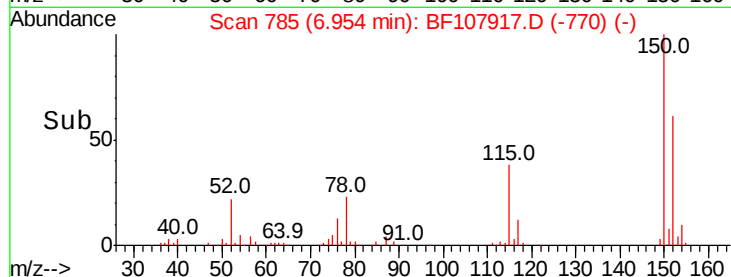
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tot Ion:152 Resp: 146818
Ion Ratio Lower Upper
152 100
150 163.0 124.6 186.8
115 62.4 50.1 75.1



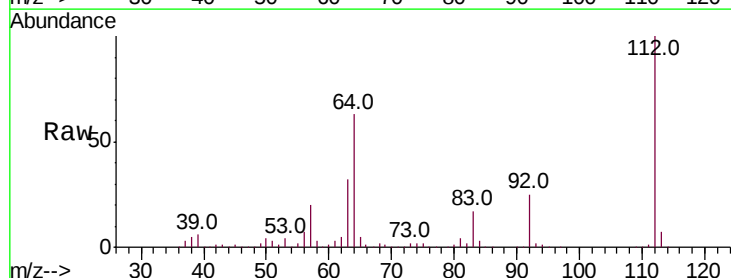
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



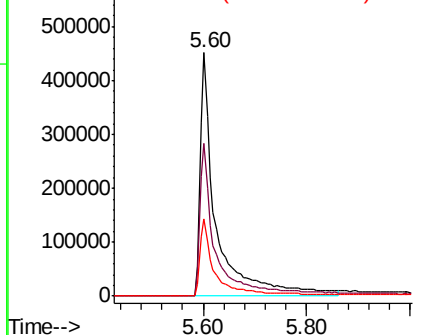
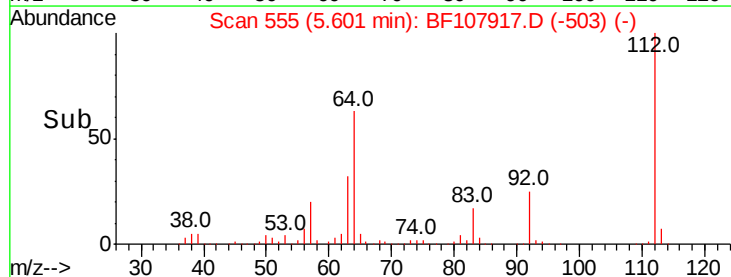
#5

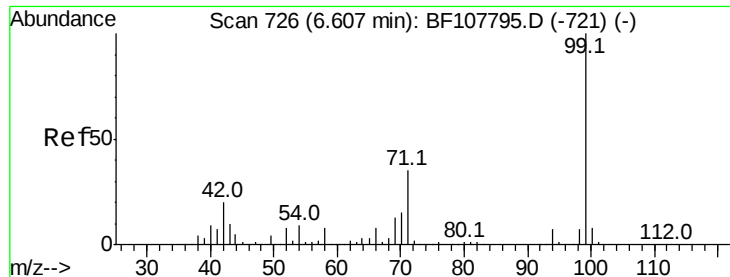
2-Fluorophenol
Concen: 111.754 ng
RT: 5.60 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:112 Resp: 965403
Ion Ratio Lower Upper
112 100
64 62.6 47.9 71.9
63 31.7 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: 100.101 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

Instrument :

BNA_F

ClientSampleId :

UST-N

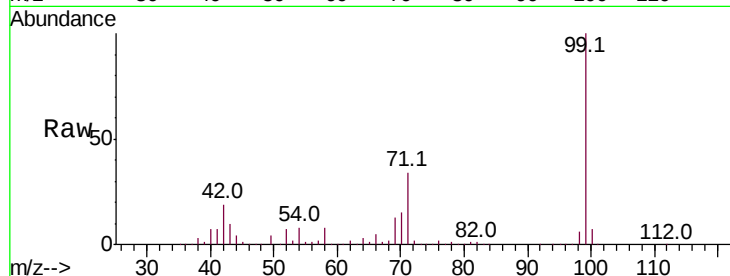
Tot Ion: 99 Resp: 1139674

Ion Ratio Lower Upper

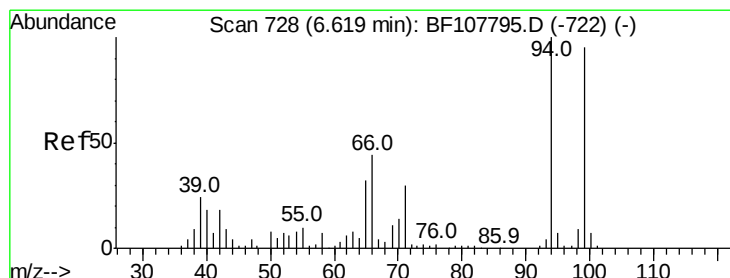
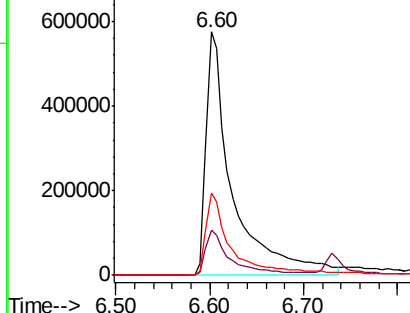
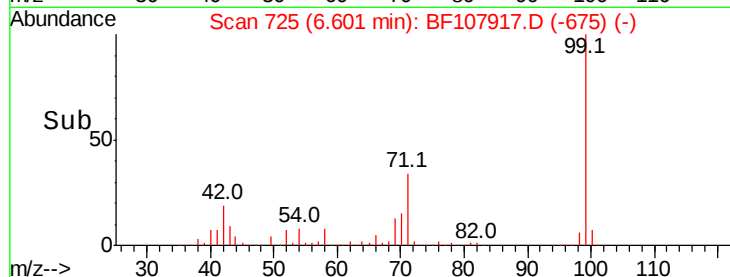
99 100

42 18.7 14.5 21.7

71 33.8 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: 3.885 ng

RT: 6.62 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

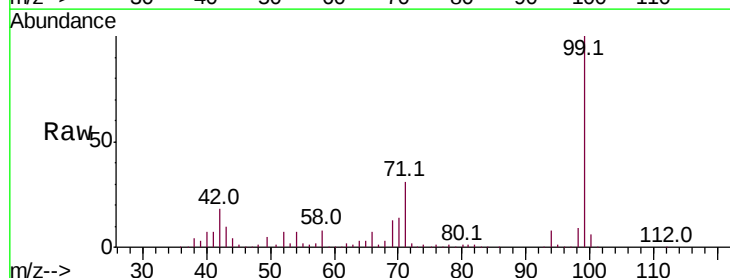
Tgt Ion: 94 Resp: 52747

Ion Ratio Lower Upper

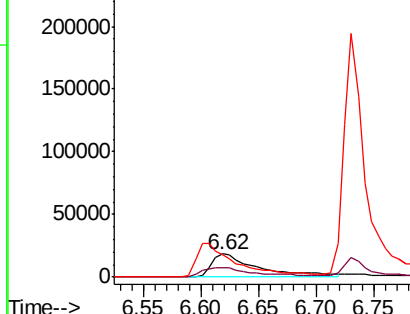
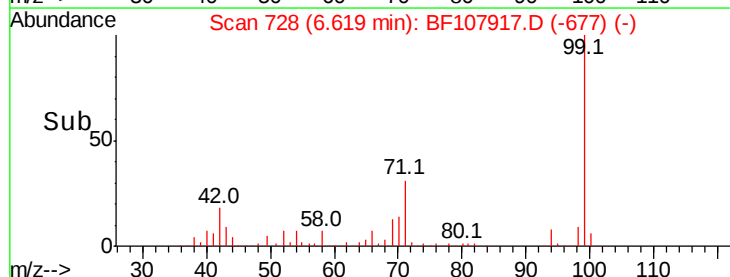
94 100

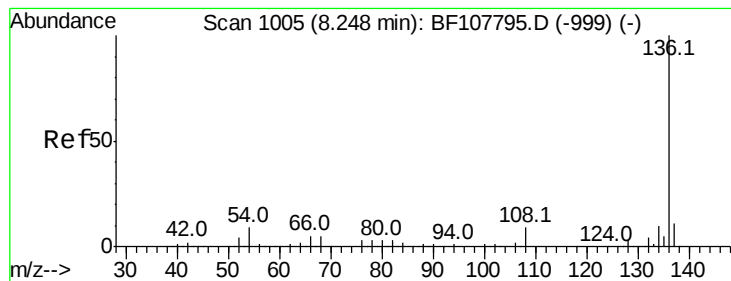
65 41.7 7.9 47.9

66 96.6 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

Instrument :

BNA_F

ClientSampleId :

UST-N

Tot Ion:136 Resp: 600723

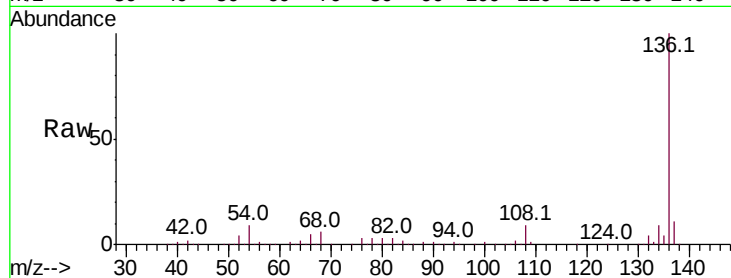
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 8.9 6.6 9.8

68 5.6 5.0 7.4

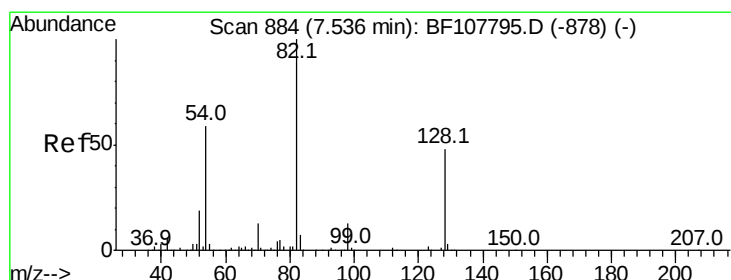
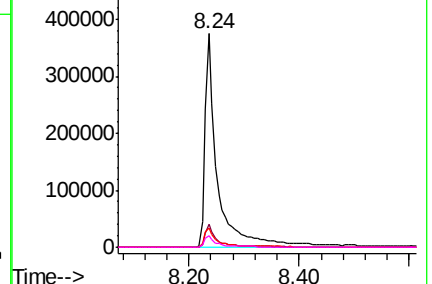
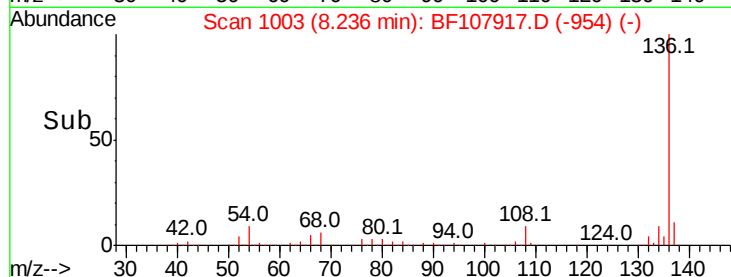


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.533 ng

RT: 7.52 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

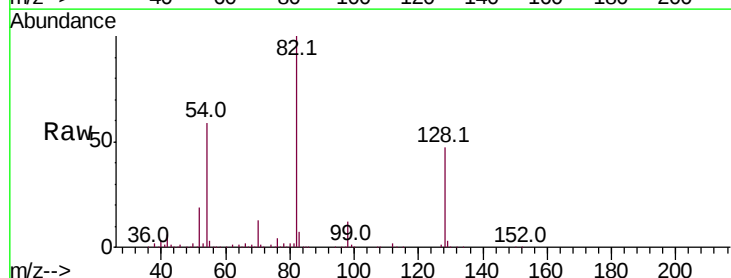
Tgt Ion: 82 Resp: 756328

Ion Ratio Lower Upper

82 100

128 46.8 36.1 54.1

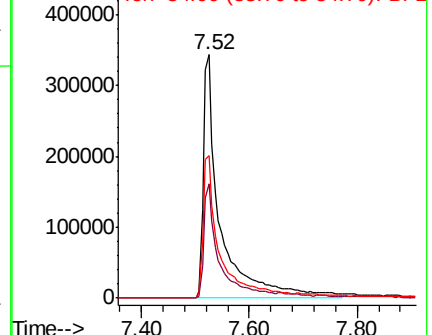
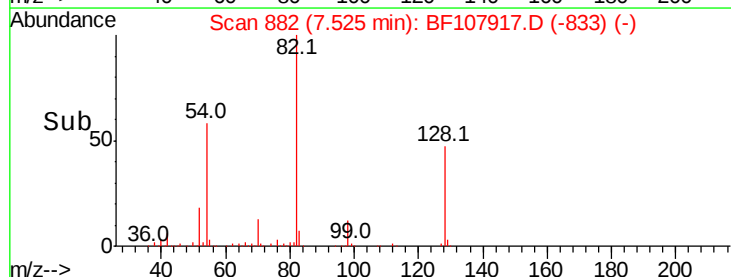
54 58.7 41.4 62.2

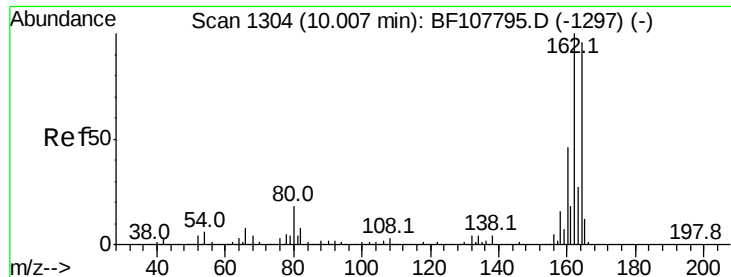


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

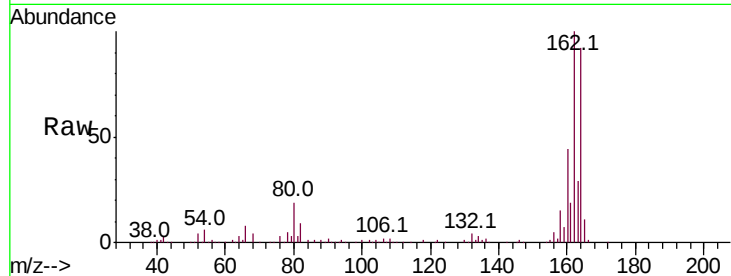




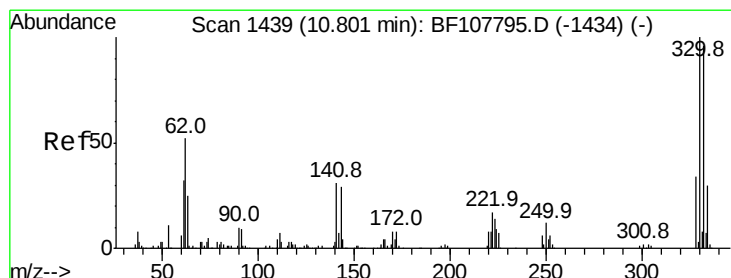
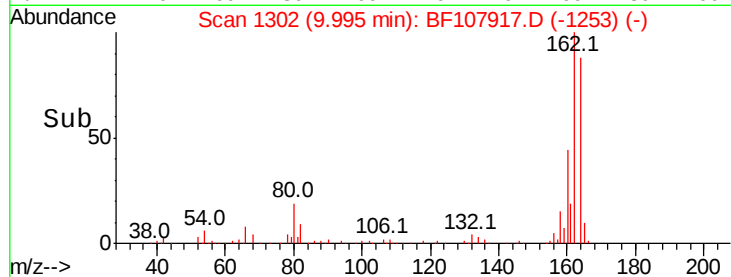
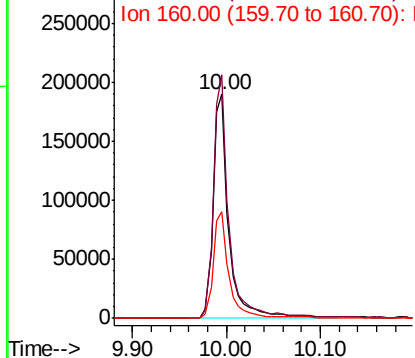
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tot Ion:164 Resp: 226627
Ion Ratio Lower Upper
164 100
162 108.7 86.1 129.1
160 47.5 38.3 57.5

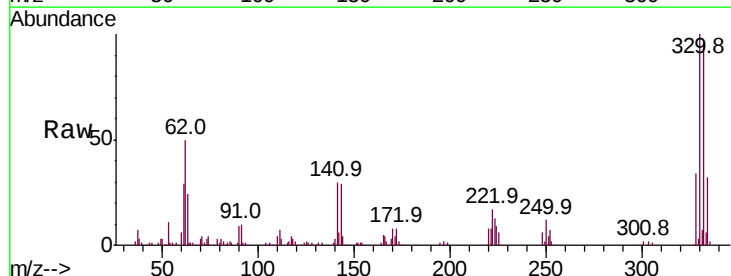


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

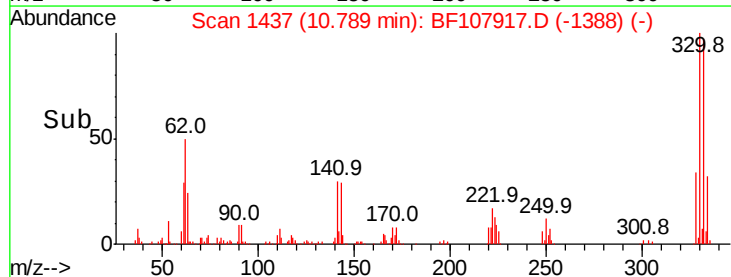
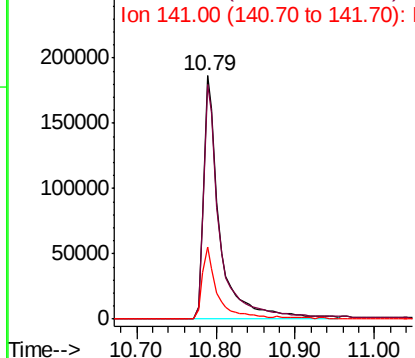


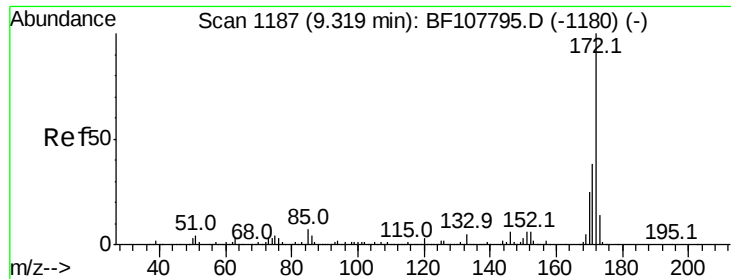
#41
2,4,6-Tribromophenol
Concen: 88.312 ng
RT: 10.79 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:330 Resp: 271948
Ion Ratio Lower Upper
330 100
332 99.0 77.0 115.6
141 29.8 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

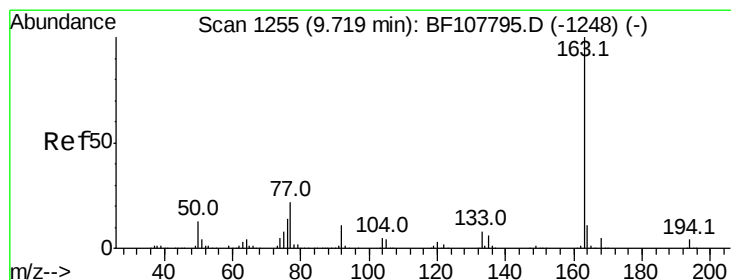
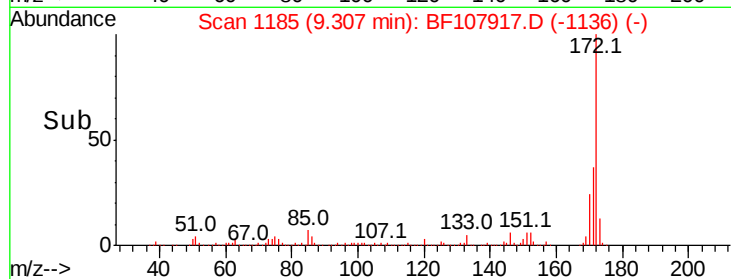
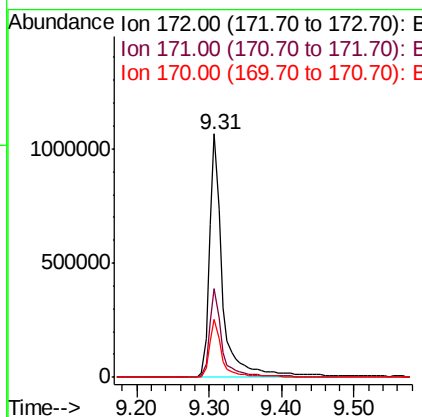
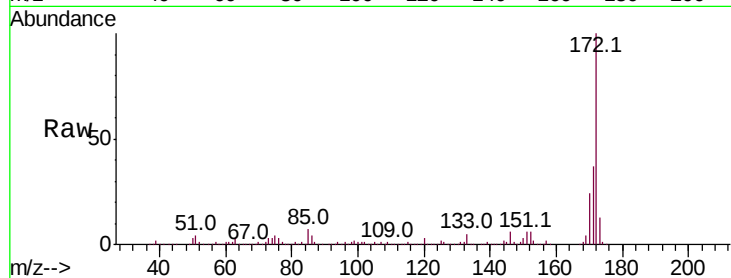




#44
2-Fluorobiphenyl
Concen: 83.083 ng
RT: 9.31 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

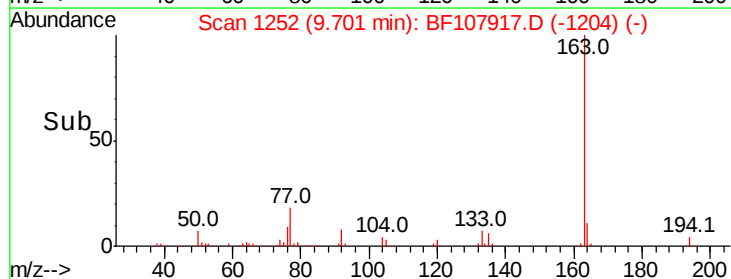
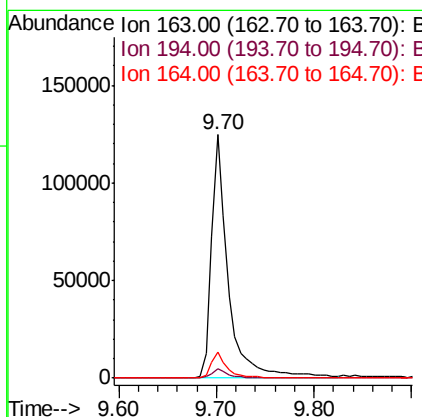
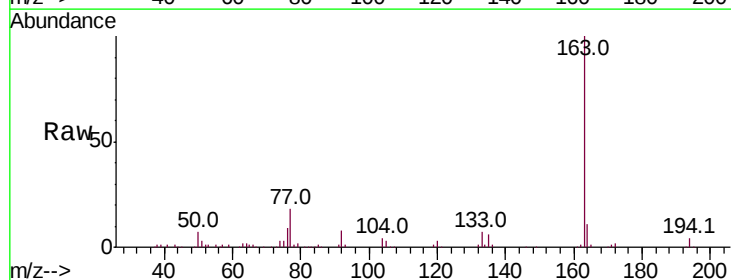
Instrument :
BNA_F
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UST-N

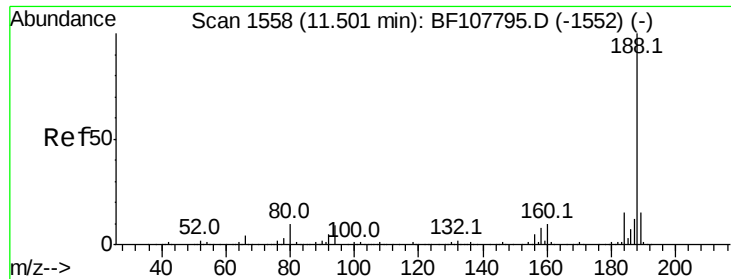
Tot Ion:172 Resp: 1351197
Ion Ratio Lower Upper
172 100
171 36.5 29.7 44.5
170 24.1 19.6 29.4



#49
Dimethylphthalate
Concen: 8.816 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:163 Resp: 150047
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.5 8.2 12.2

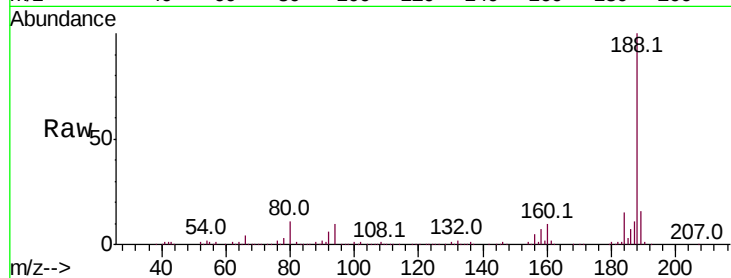




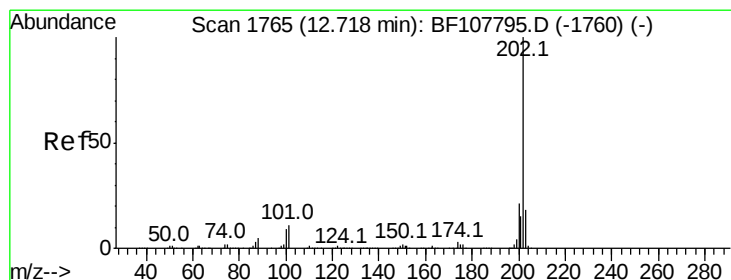
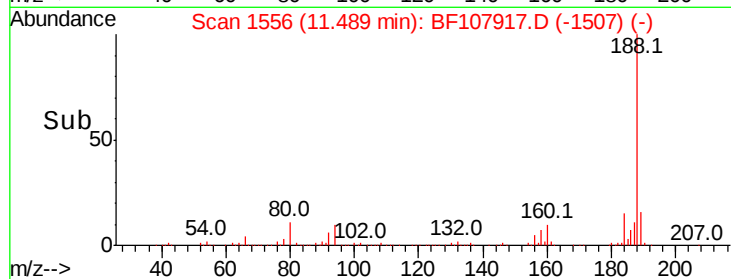
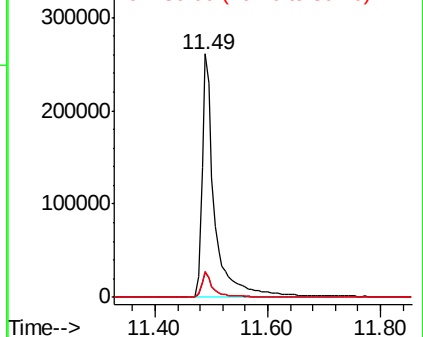
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tot Ion:188 Resp: 411616
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 10.8 9.2 13.8

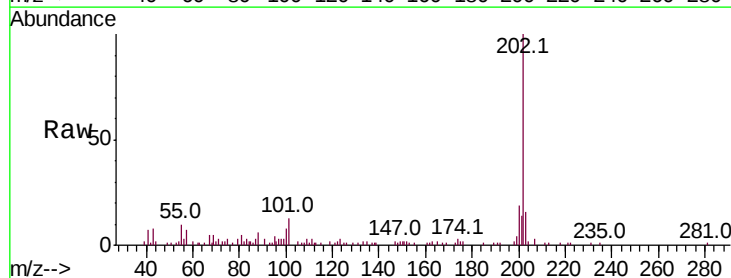


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

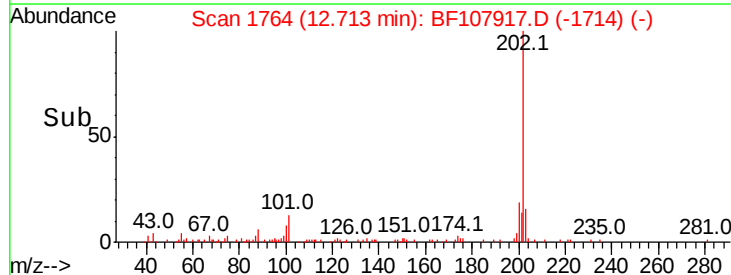
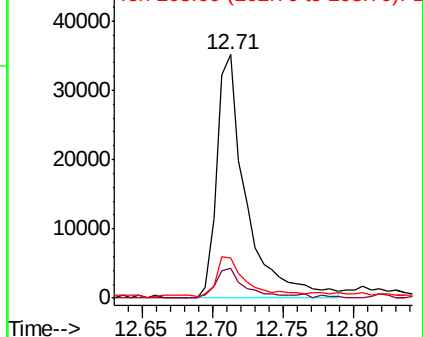


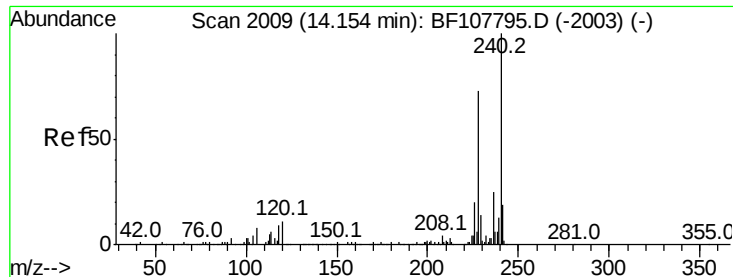
#74
Fluoranthene
Concen: 2.216 ng
RT: 12.71 min Scan# 1764
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Tgt Ion:202 Resp: 50885
Ion Ratio Lower Upper
202 100
101 12.5 0.0 34.1
203 16.5 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# 2007

Delta R.T. -0.01 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

Instrument :

BNA_F

ClientSampleId :

UST-N

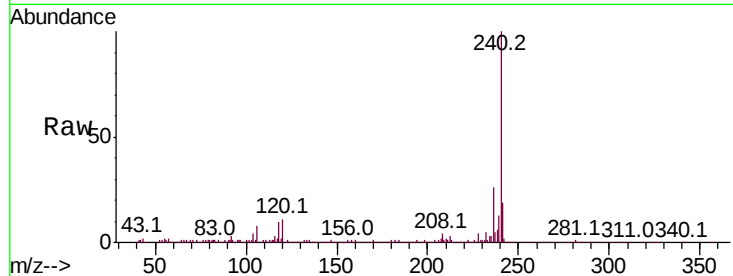
Tot Ion:240 Resp: 395592

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

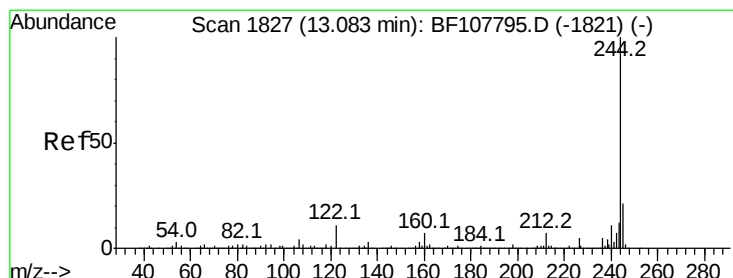
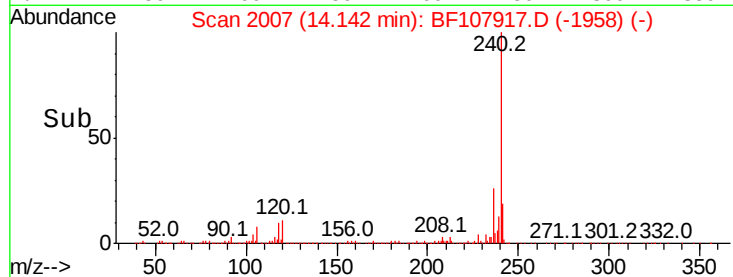
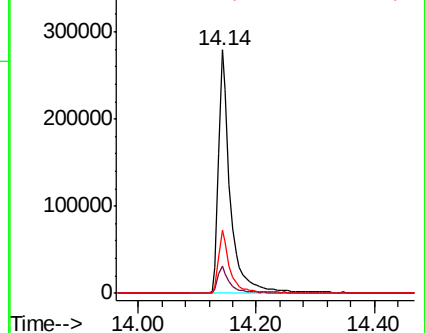
236 26.0 20.7 31.1



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



#78

Terphenyl-d14

Concen: 65.956 ng

RT: 13.07 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF107917.D

Acq: 2 Aug 2018 18:50

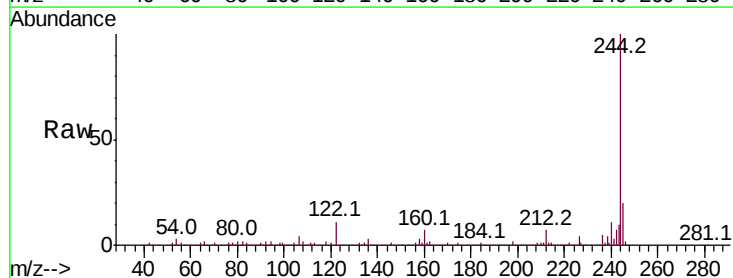
Tgt Ion:244 Resp: 1203257

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

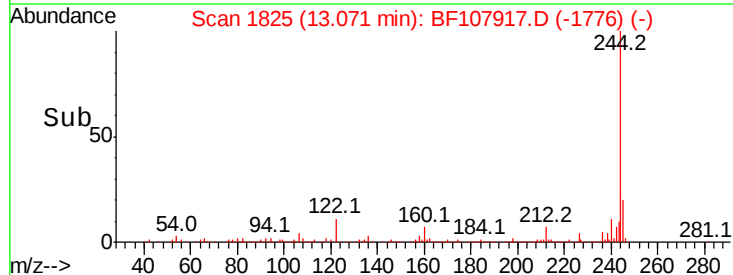
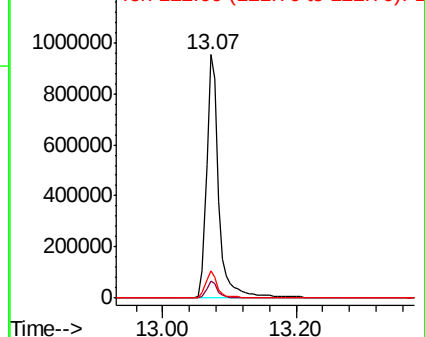
122 11.4 11.0 16.4

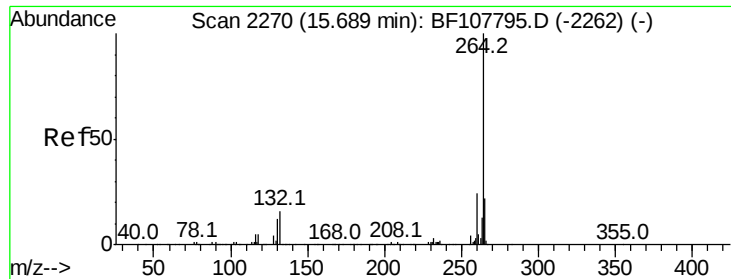


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.68 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF107917.D
Acq: 2 Aug 2018 18:50

Instrument :
BNA_F
ClientSampleId :
UST-N

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.7	17.5	26.3

