

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
 Data File : BF101674.D
 Acq On : 23 Dec 2017 00:37
 Operator : SJ/JU
 Sample : I6957-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Quant Time: Dec 26 10:11:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

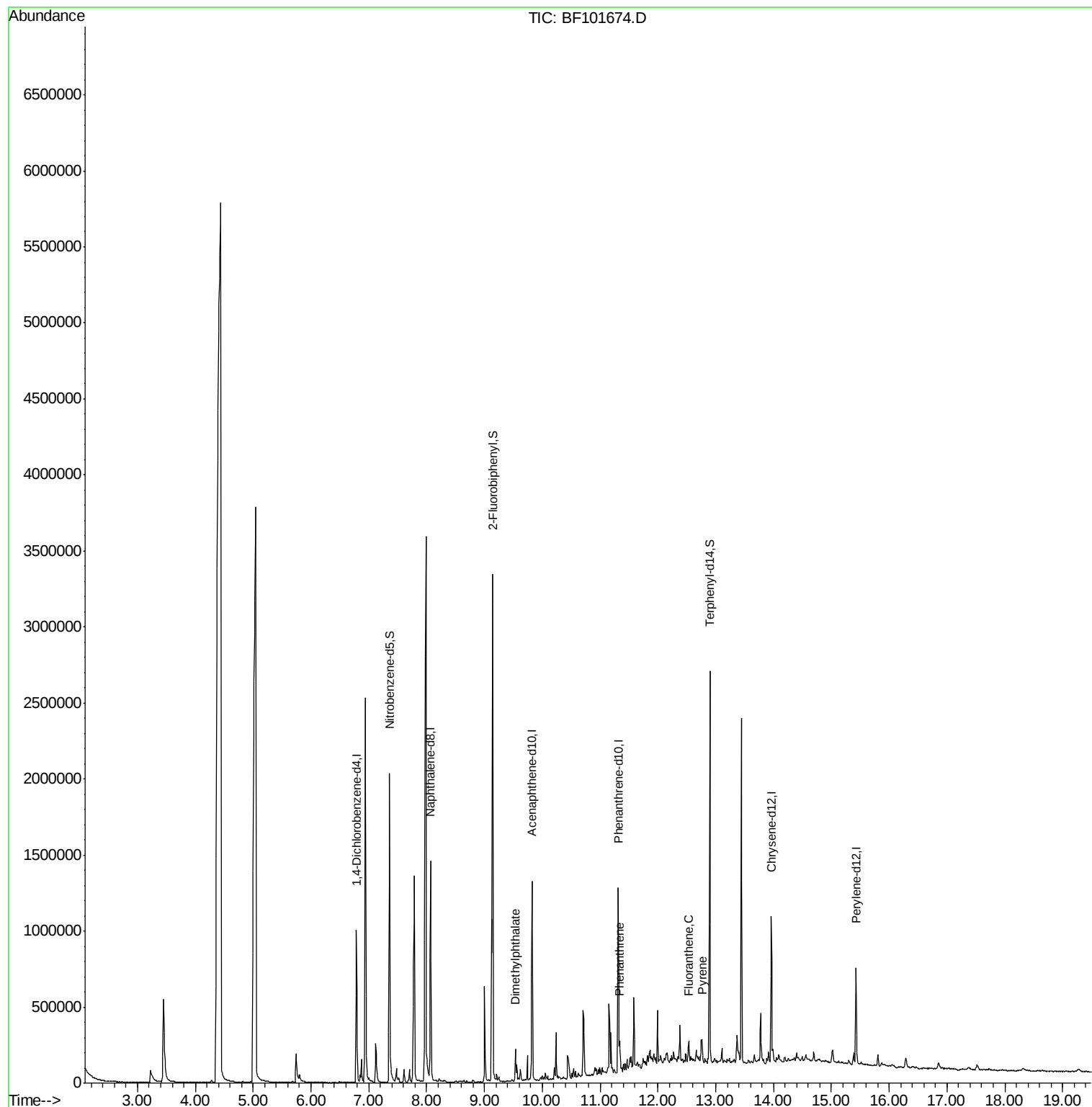
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	154447	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	601343	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	256019	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	417700	20.00	ng	0.00
75) Chrysene-d12	13.96	240	314377	20.00	ng	0.00
86) Perylene-d12	15.43	264	301126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.52	99	2779	0.22	ng	0.09
23) Nitrobenzene-d5	7.36	82	691685	64.03	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	1135395	68.79	ng	0.00
78) Terphenyl-d14	12.90	244	878671	67.38	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.54	163	82205	3.992	ng	98
70) Phenanthrene	11.34	178	54050	2.327	ng	99
74) Fluoranthene	12.53	202	49630	2.036	ng	98
77) Pyrene	12.76	202	53447	2.265	ng	97

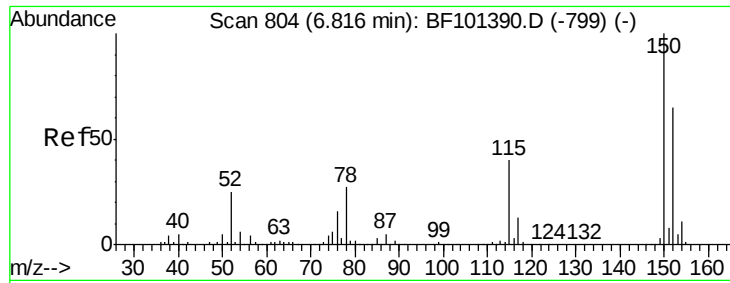
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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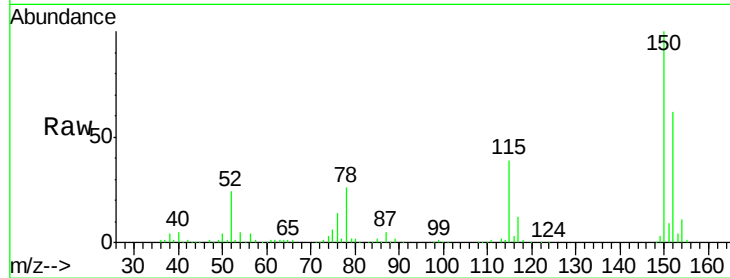


#1

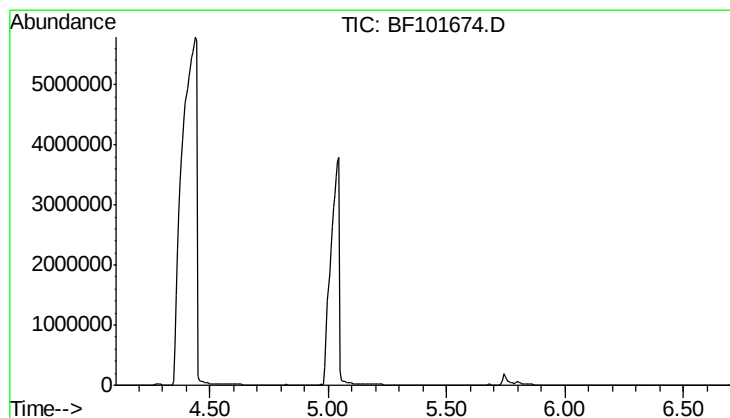
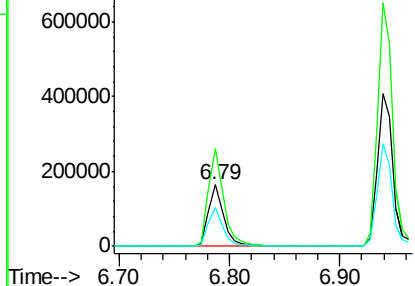
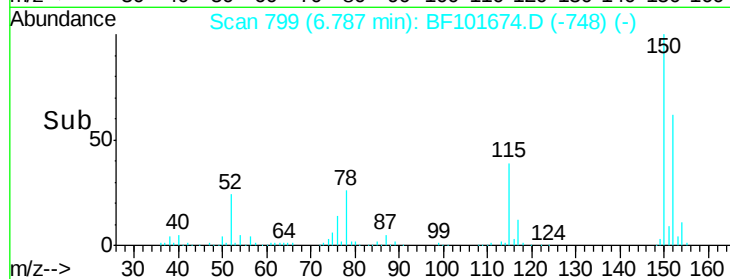
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Tgt Ion:152 Resp: 154447
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.6 186.8
 115 62.6 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

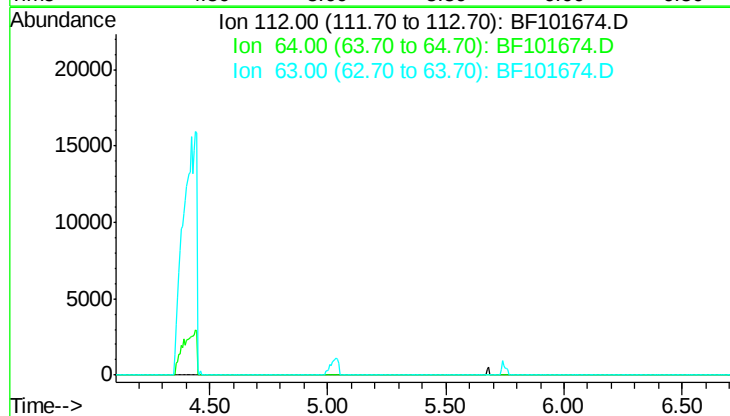


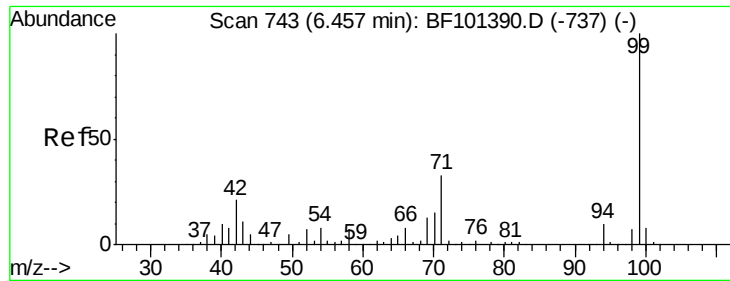
#5

2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.40 min

Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 59.9
 63 29.6





#7

Phenol-d6

Concen: 0.215 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.09 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

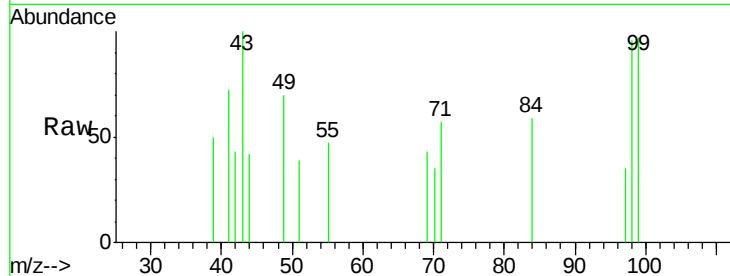
Tgt Ion: 99 Resp: 2779

Ion Ratio Lower Upper

99 100

42 44.1 14.5 21.7#

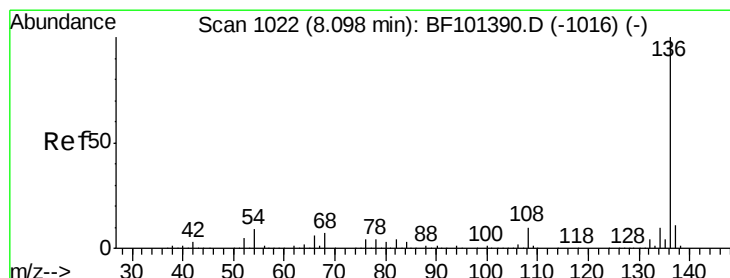
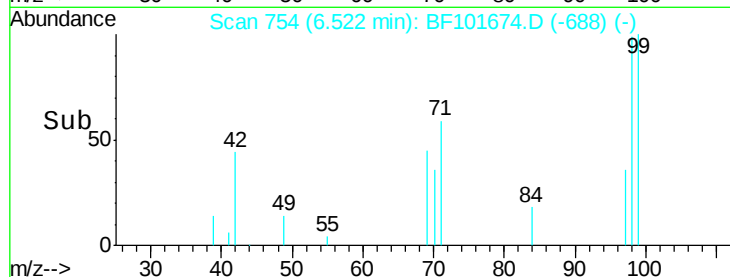
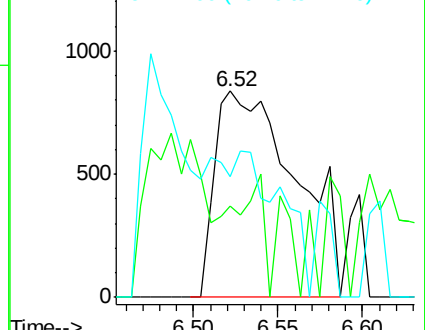
71 58.8 25.4 38.0#



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Tgt Ion: 136 Resp: 601343

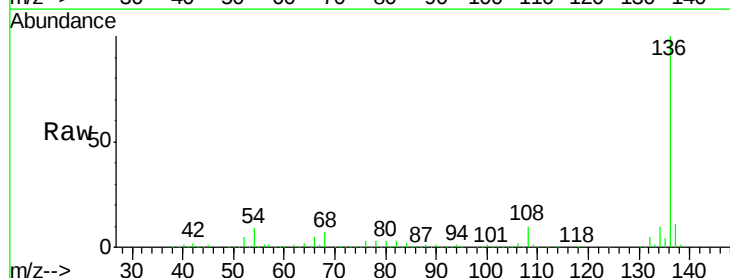
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.4 6.6 9.8

68 6.9 5.0 7.4

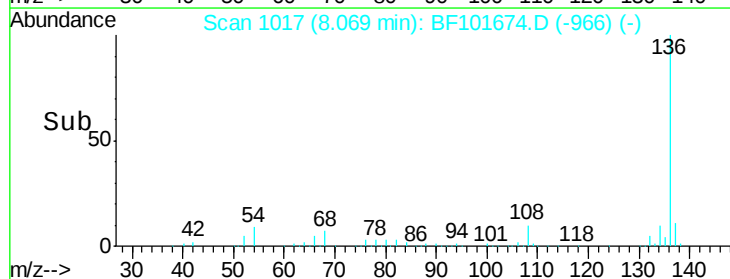
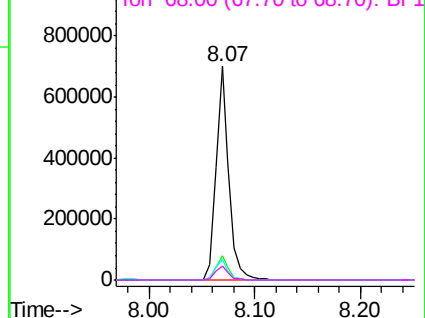


Abundance Ion 136.00 (135.70 to 136.70): E

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

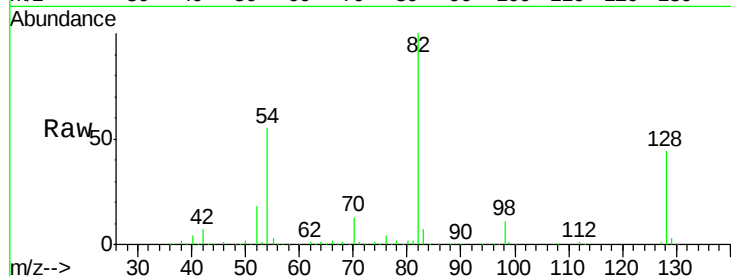




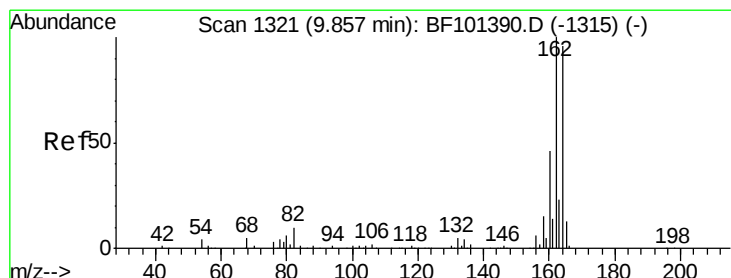
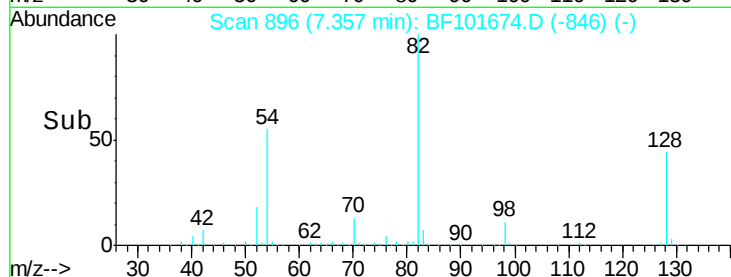
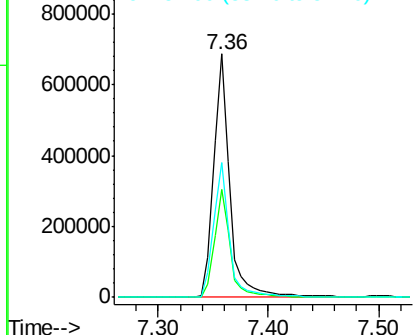
#23
 Nitrobenzene-d5
 Concen: 64.029 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Tgt Ion: 82 Resp: 691685
 Ion Ratio Lower Upper
 82 100
 128 44.4 36.1 54.1
 54 55.3 41.4 62.2

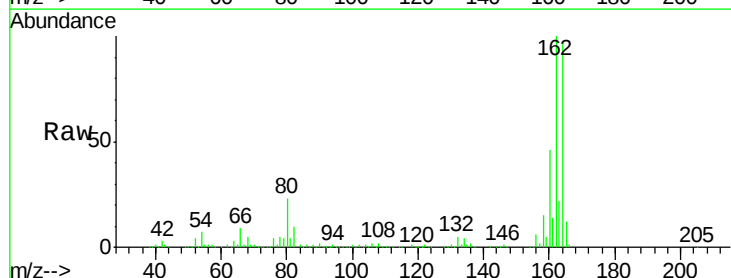


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

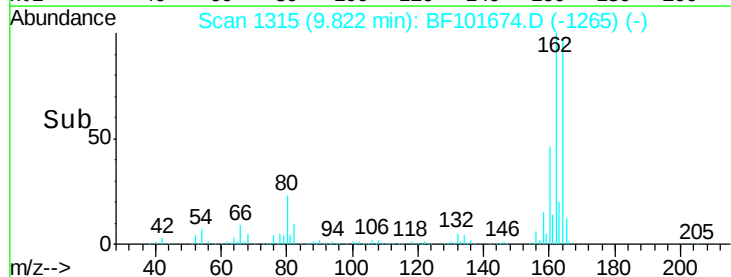
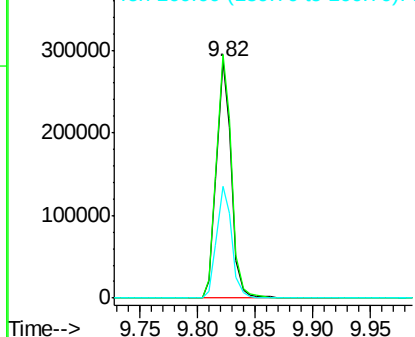


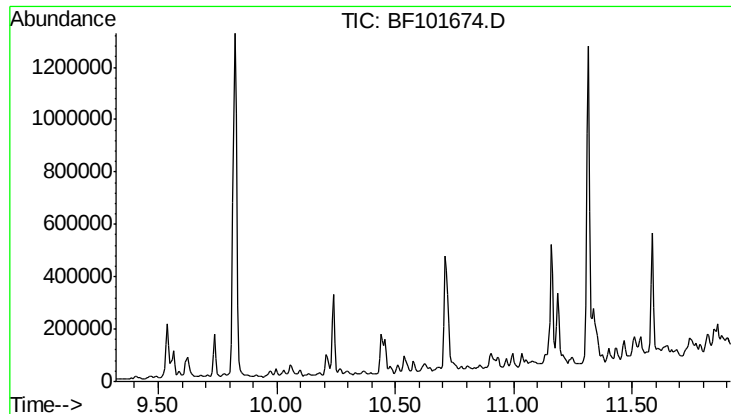
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Tgt Ion: 164 Resp: 256019
 Ion Ratio Lower Upper
 164 100
 162 102.8 86.1 129.1
 160 47.2 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

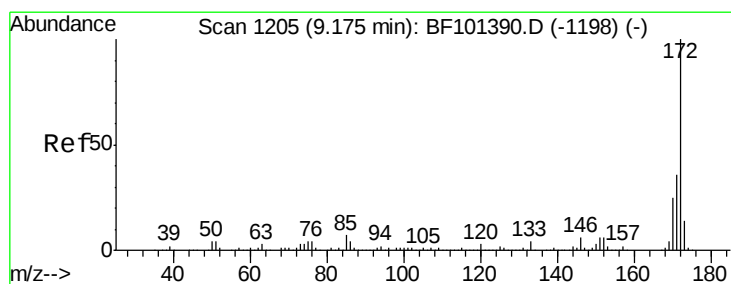
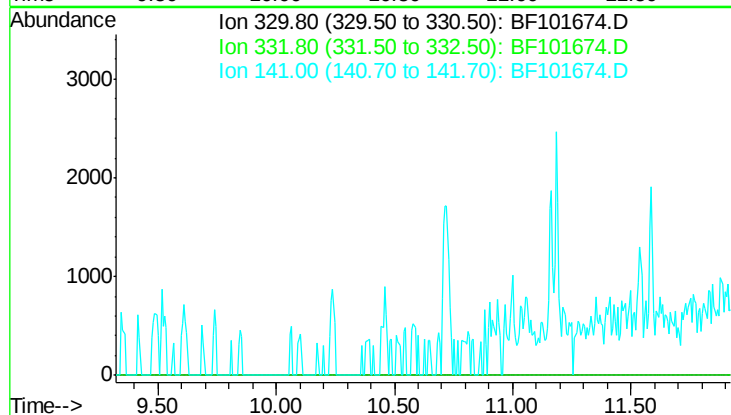




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.62 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

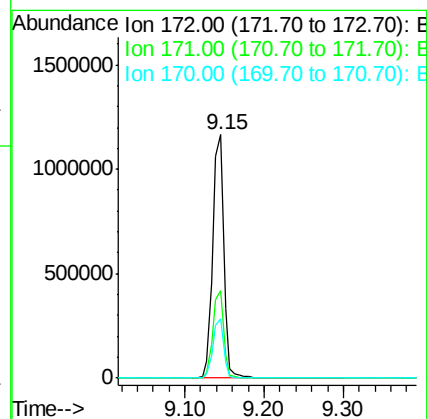
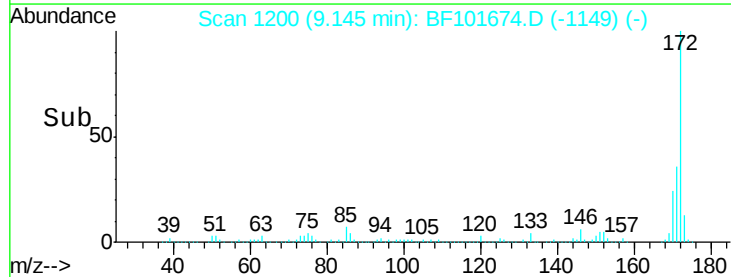
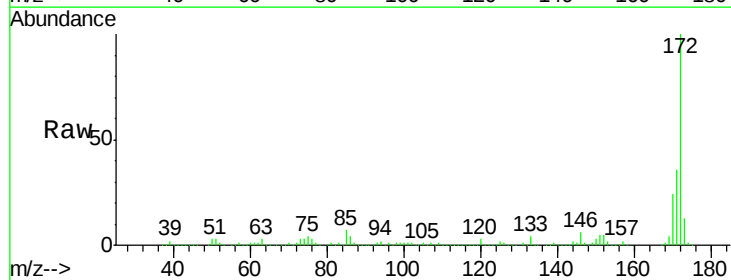
Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

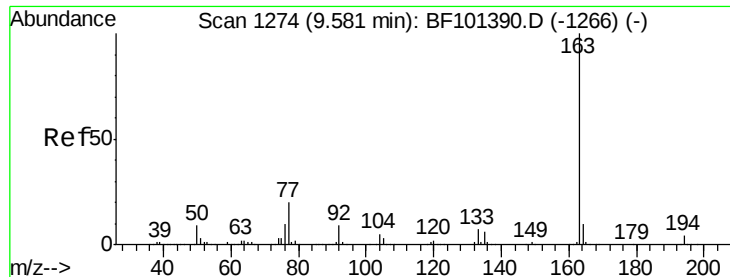
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4



#44
 2-Fluorobiphenyl
 Concen: 68.795 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Tgt Ion: 172 Resp: 1135395
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.3 19.6 29.4

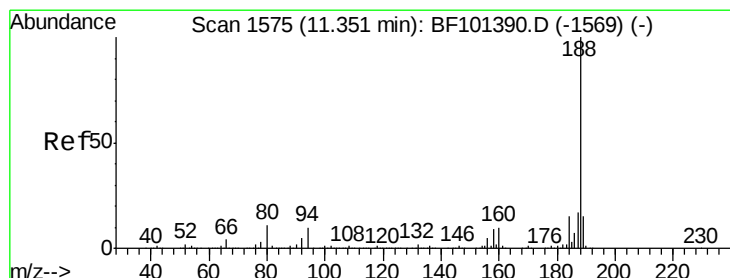
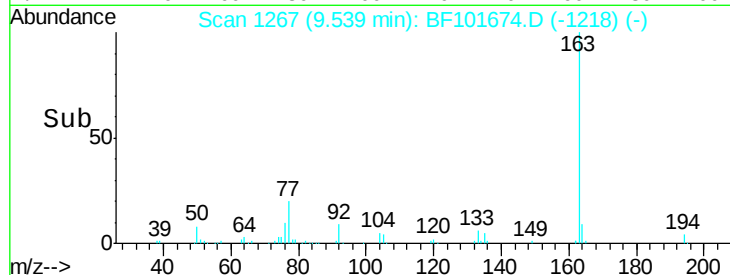
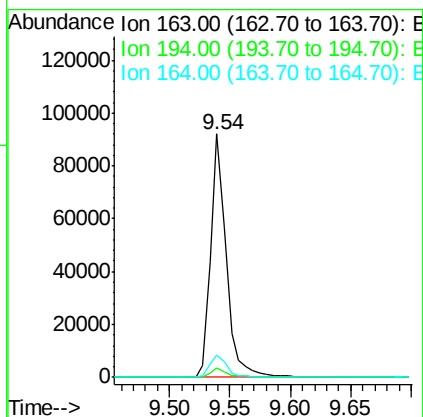
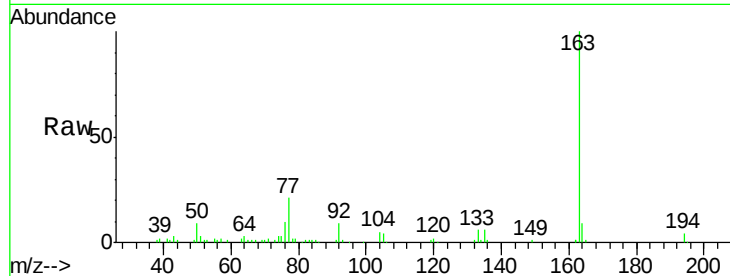




#49
Dimethylphthalate
Concen: 3.992 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

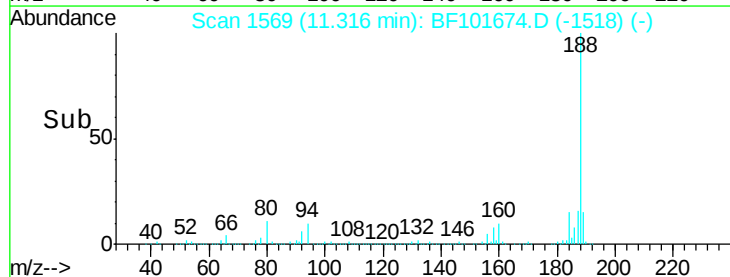
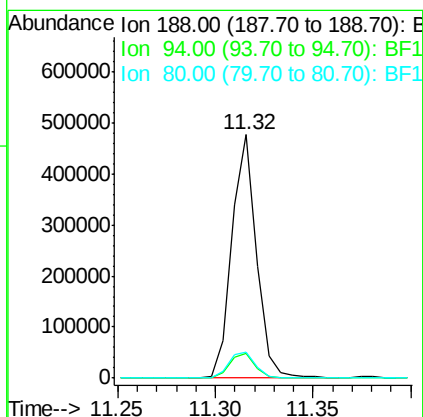
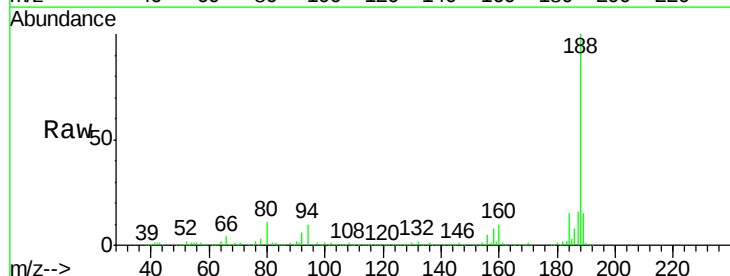
Instrument :
BNA_F
ClientSampleId :
HALSTED-NW

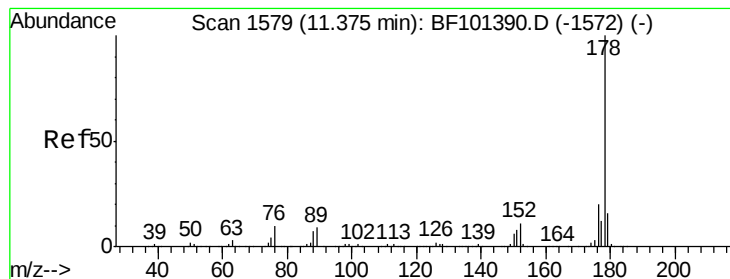
Tgt Ion:163 Resp: 82205
Ion Ratio Lower Upper
163 100
194 3.8 2.7 4.1
164 9.3 8.2 12.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Tgt Ion:188 Resp: 417700
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 10.9 9.2 13.8





#70

Phenanthrene

Concen: 2.327 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

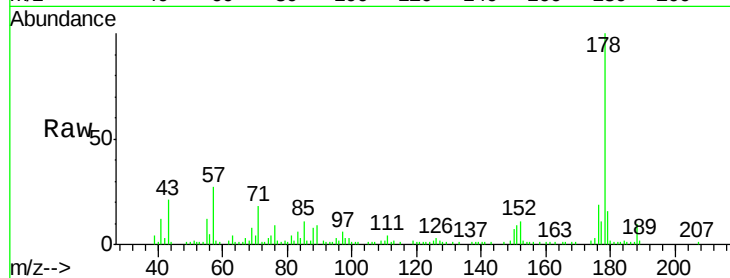
Tgt Ion:178 Resp: 54050

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

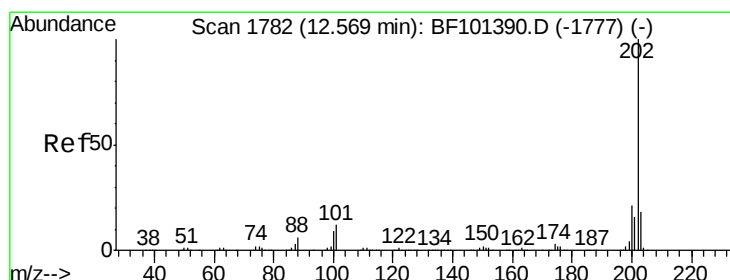
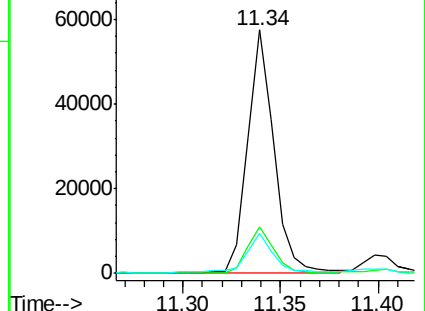
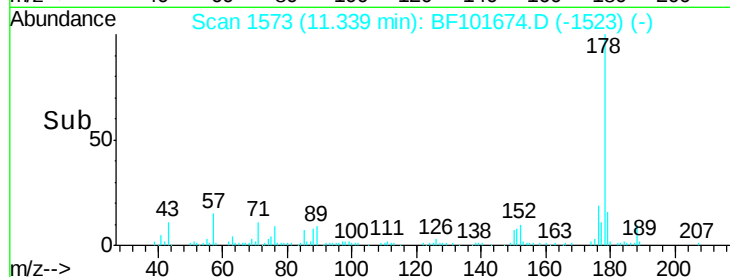
179 16.4 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.036 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

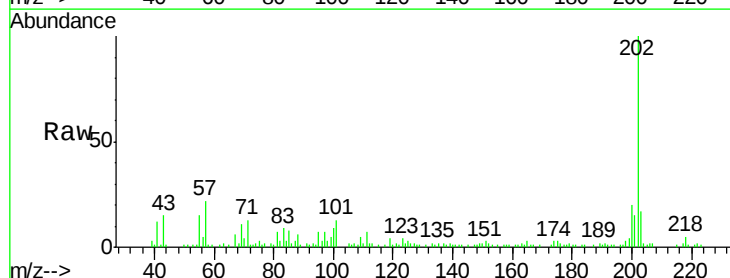
Tgt Ion:202 Resp: 49630

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

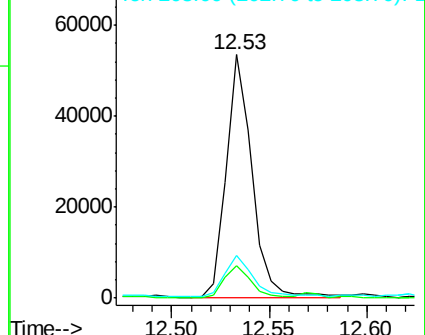
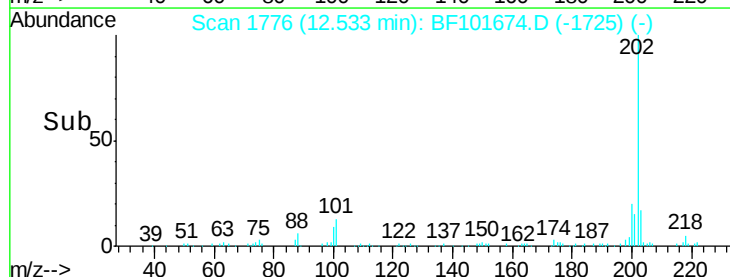
203 17.5 0.0 38.1

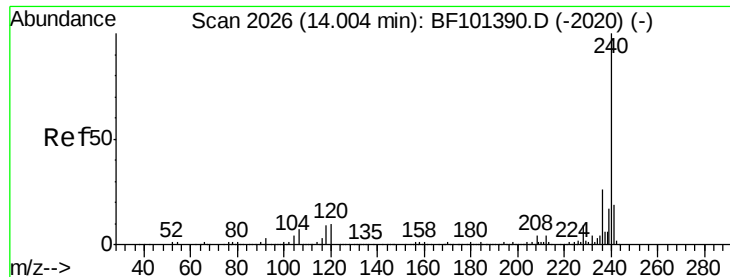


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

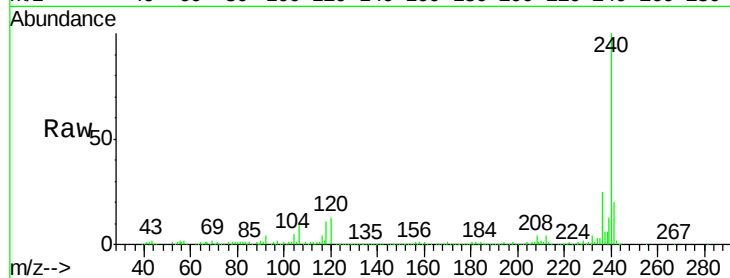
Tgt Ion:240 Resp: 314377

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

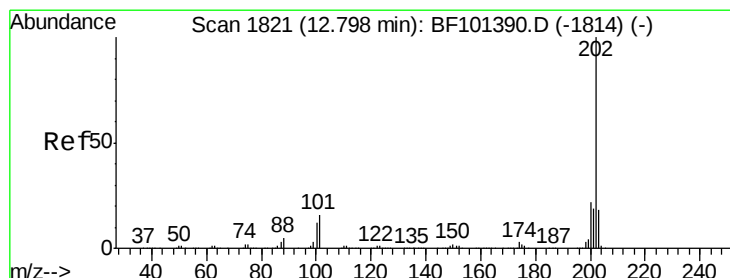
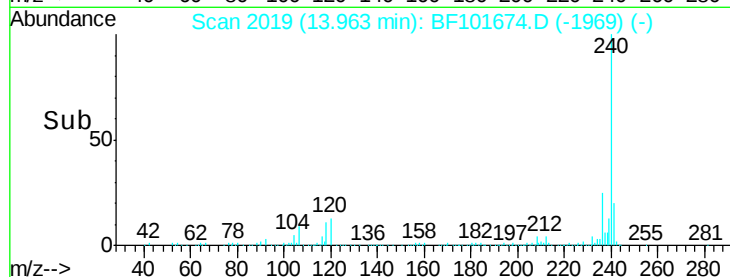
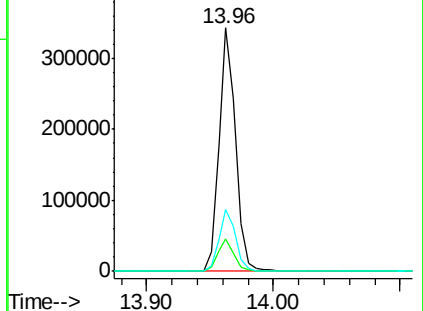
236 25.4 20.7 31.1



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: 2.265 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

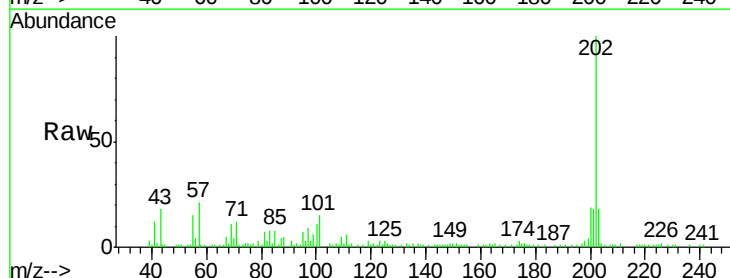
Tgt Ion:202 Resp: 53447

Ion Ratio Lower Upper

202 100

200 19.3 17.4 26.2

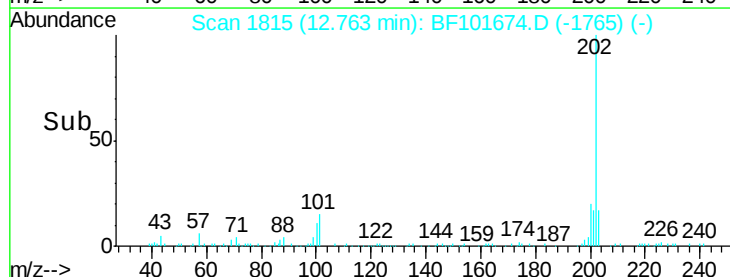
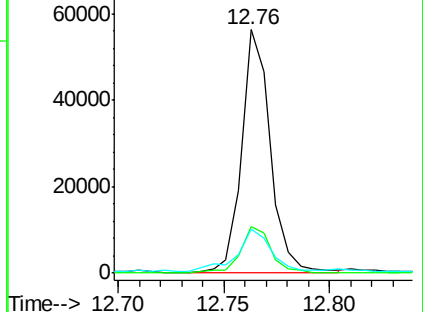
203 18.0 14.3 21.5

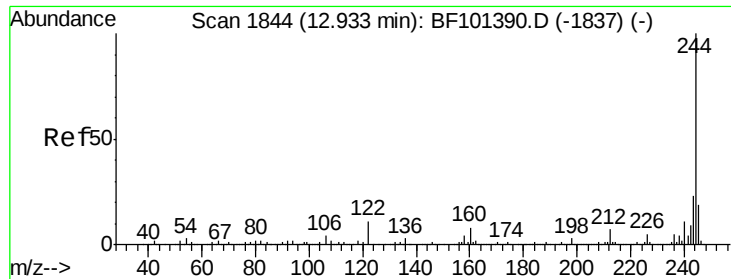


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 67.380 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

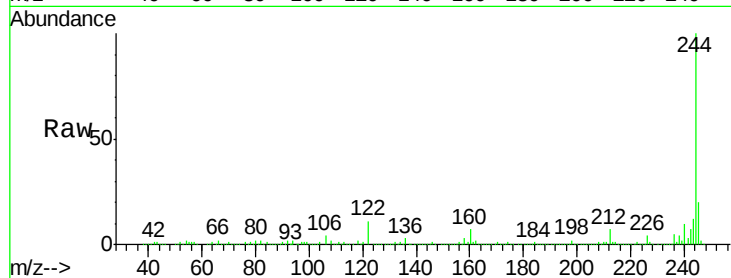
Tgt Ion:244 Resp: 878671

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

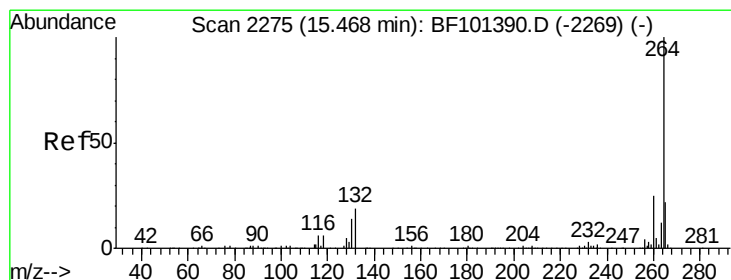
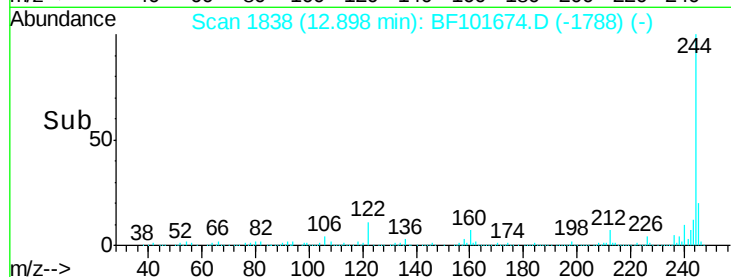
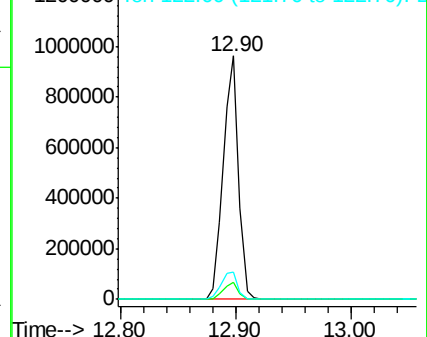
122 11.2 11.0 16.4



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: 15.43 min Scan# 2268

Delta R.T. 0.00 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

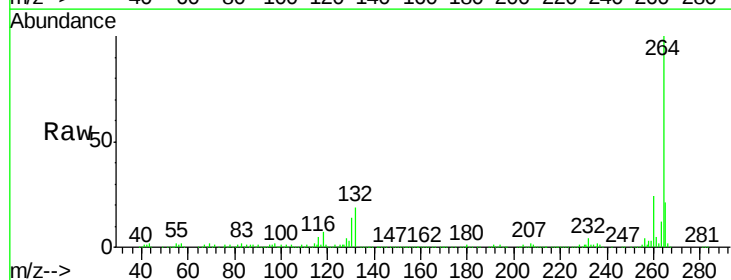
Tgt Ion:264 Resp: 301126

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

265 21.4 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

