

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121117\
 Data File : BF101312.D
 Acq On : 12 Dec 2017 4:16
 Operator : SJ/JU
 Sample : I6764-03
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MAP-8-E(7-8)

Quant Time: Dec 12 06:45:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 08 18:17:31 2017
 Response via : Initial Calibration

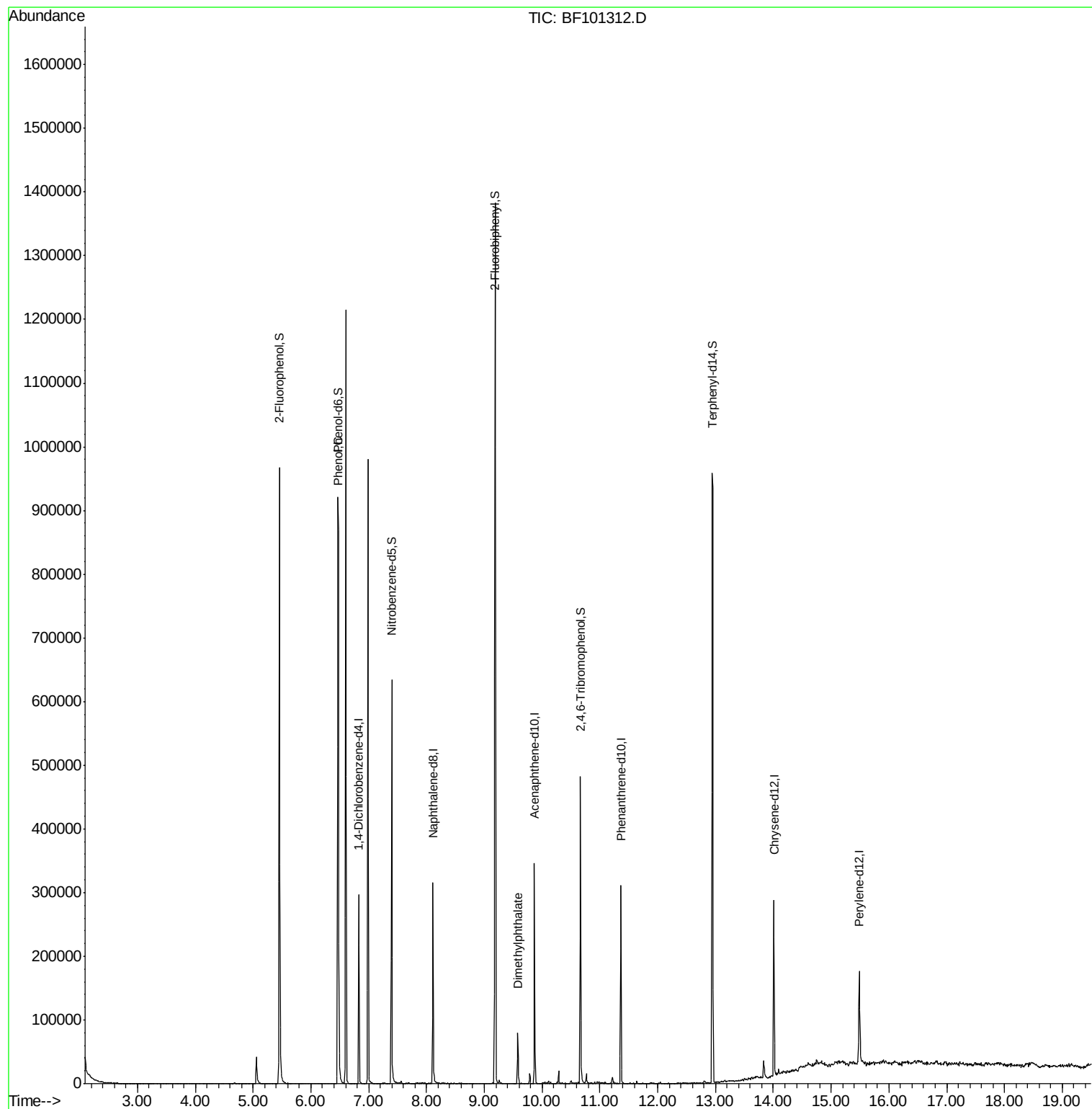
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	42730	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	159074	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	65955	20.00	ng	0.00
63) Phenanthrene-d10	11.36	188	111011	20.00	ng	0.00
75) Chrysene-d12	14.01	240	93197	20.00	ng	0.00
86) Perylene-d12	15.49	264	71485	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	282826	109.37	ng	0.02
7) Phenol-d6	6.47	99	340840	108.57	ng	0.00
23) Nitrobenzene-d5	7.40	82	193028	72.39	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	63030	79.55	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	426368	88.45	ng	0.00
78) Terphenyl-d14	12.95	244	348394	81.77	ng	0.01
Target Compounds						
10) Phenol	6.48	94	12321	3.529	ng	79
49) Dimethylphthalate	9.58	163	33077	6.219	ng	99

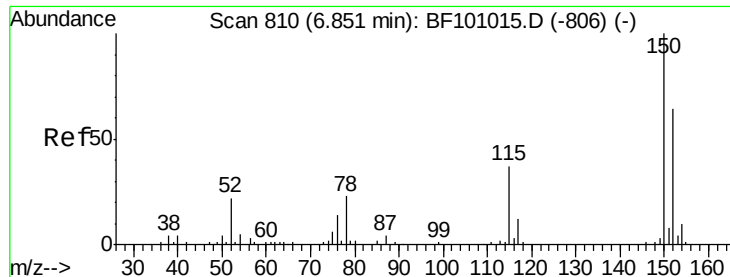
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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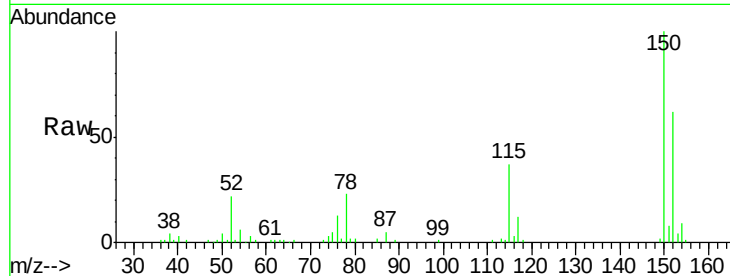


#1

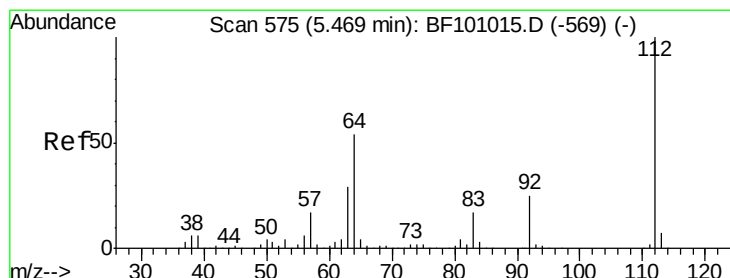
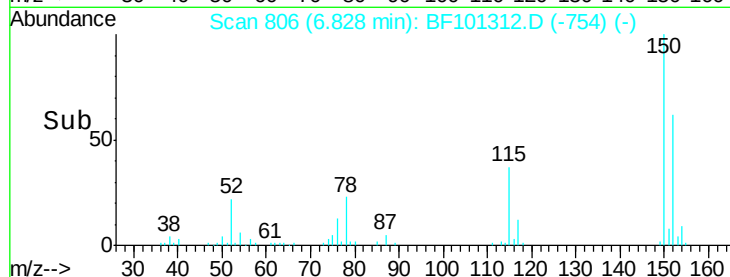
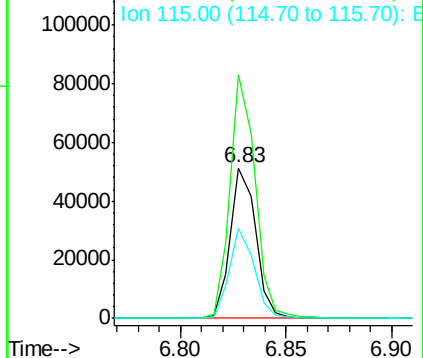
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tot Ion:152 Resp: 42730
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 60.2 50.1 75.1



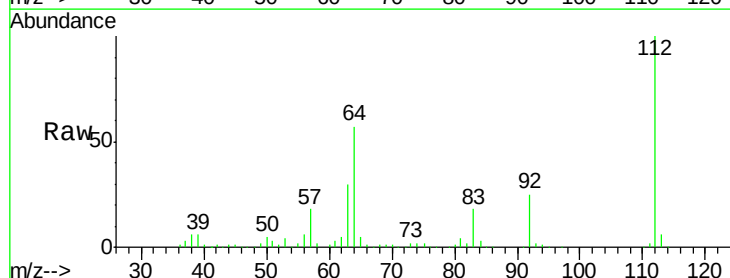
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



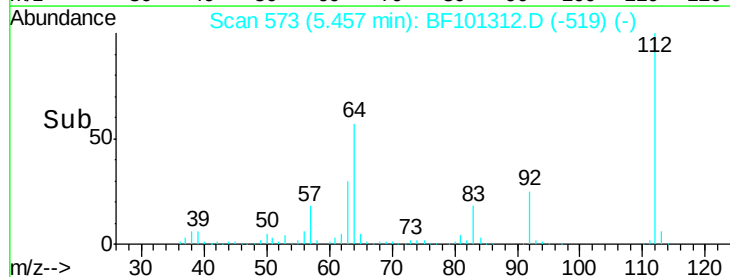
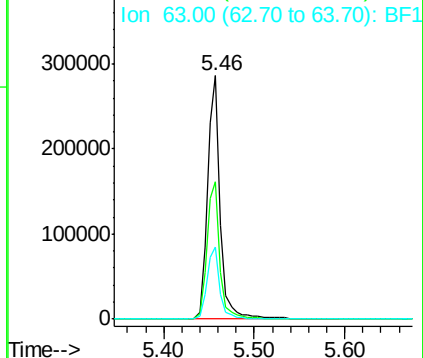
#5

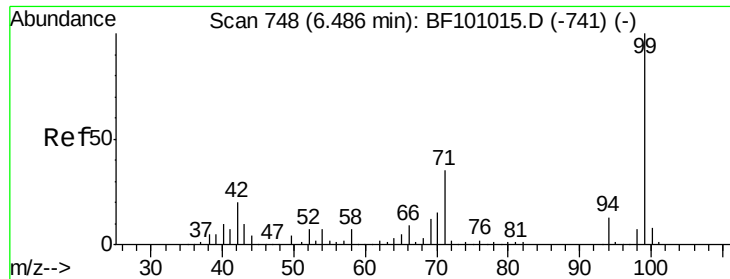
2-Fluorophenol
Concen: 109.374 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:112 Resp: 282826
Ion Ratio Lower Upper
112 100
64 56.7 47.9 71.9
63 29.7 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: 108.565 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(7-8)

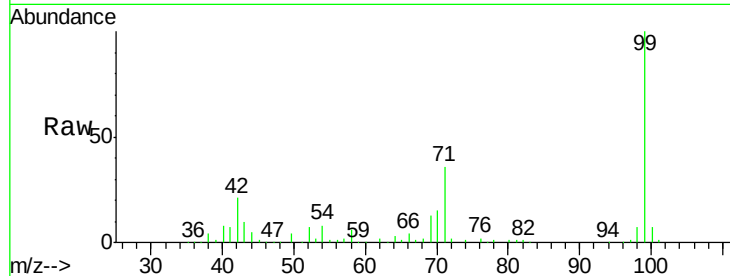
Tot Ion: 99 Resp: 340840

Ion Ratio Lower Upper

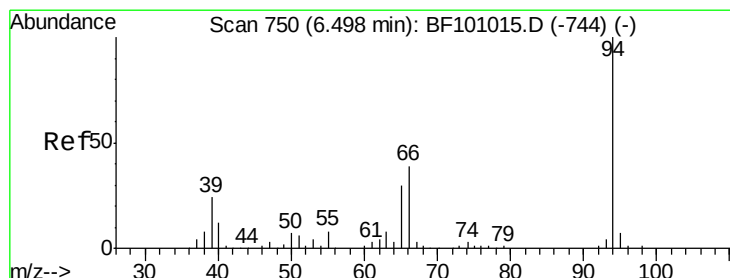
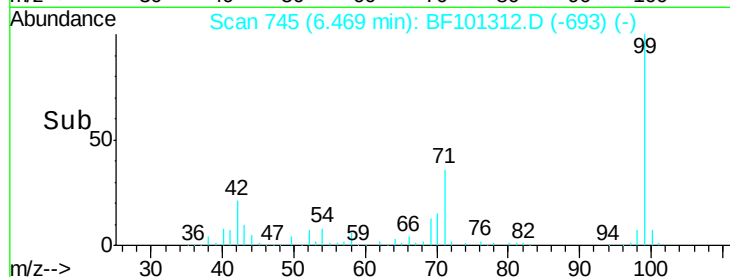
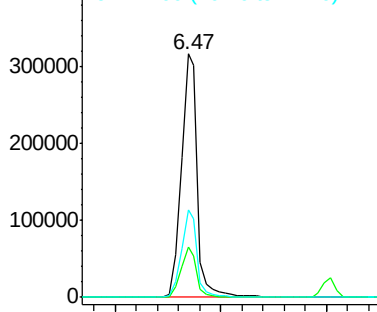
99 100

42 20.7 14.5 21.7

71 36.1 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: 3.529 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

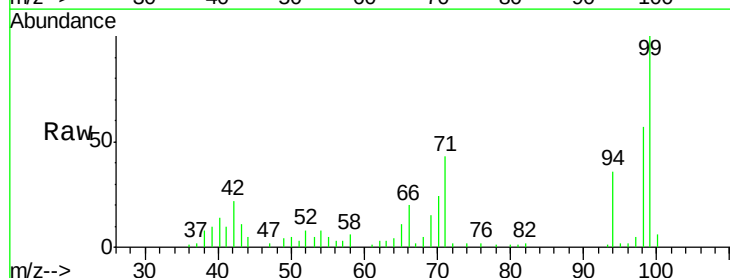
Tgt Ion: 94 Resp: 12321

Ion Ratio Lower Upper

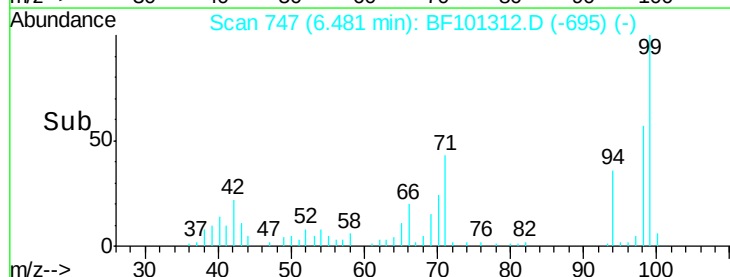
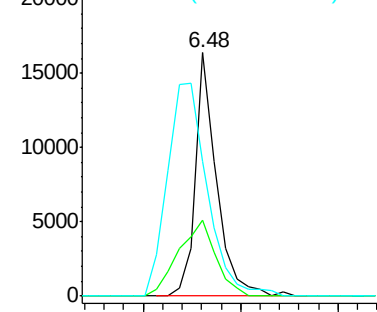
94 100

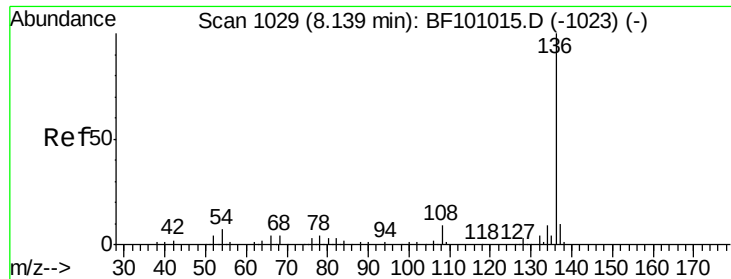
65 31.3 7.9 47.9

66 55.5 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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.11 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(7-8)

Tot Ion:136 Resp: 159074

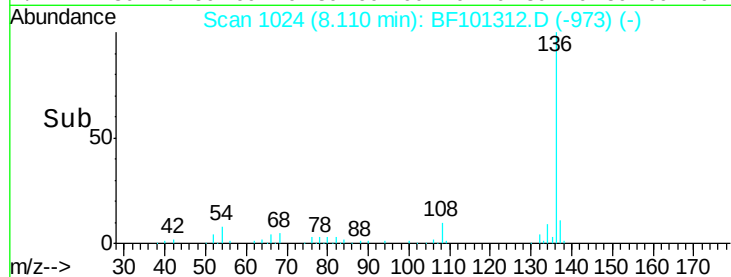
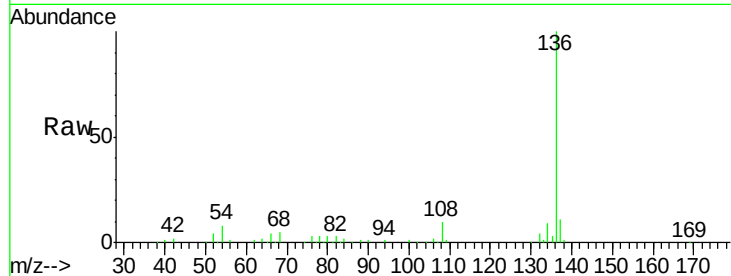
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.1 6.6 9.8

68 4.7 5.0 7.4#

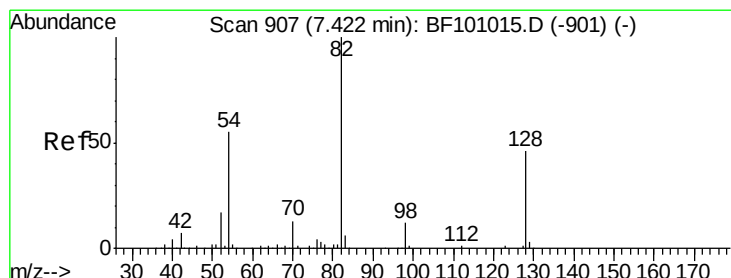
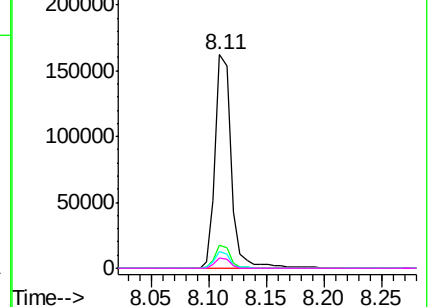


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.386 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.00 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

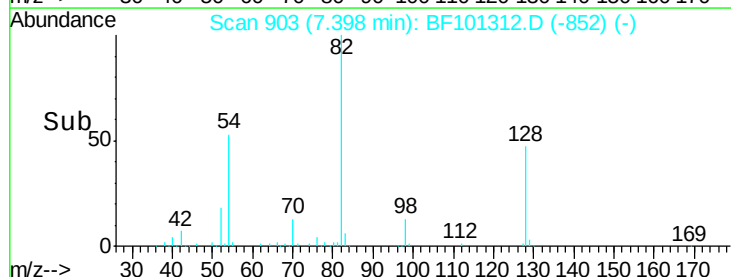
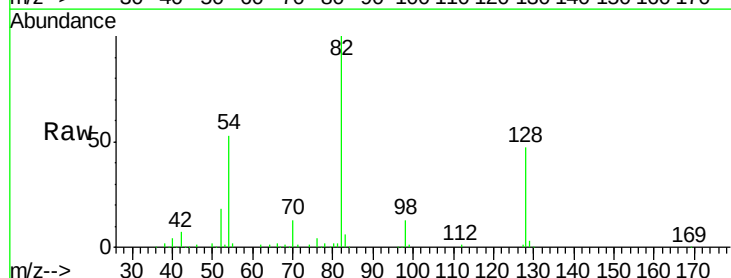
Tgt Ion: 82 Resp: 193028

Ion Ratio Lower Upper

82 100

128 46.7 36.1 54.1

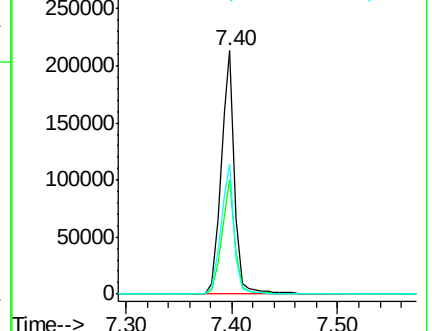
54 53.4 41.4 62.2

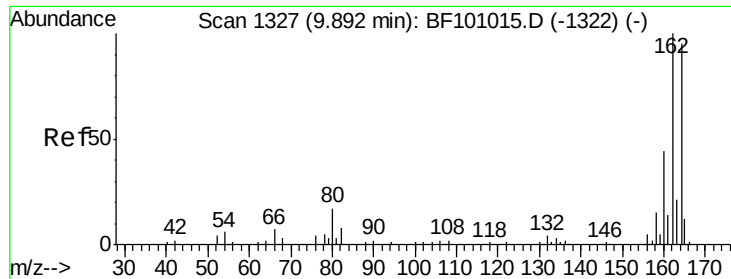


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

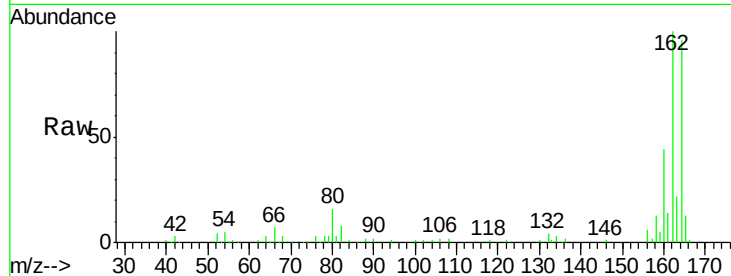




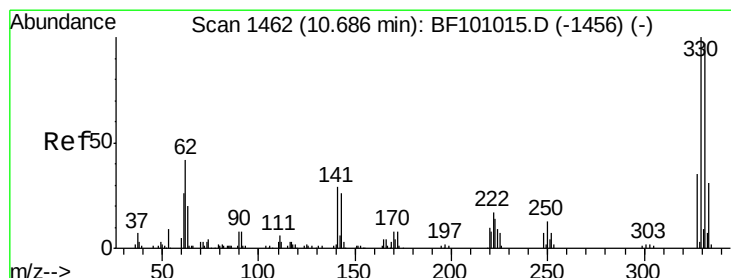
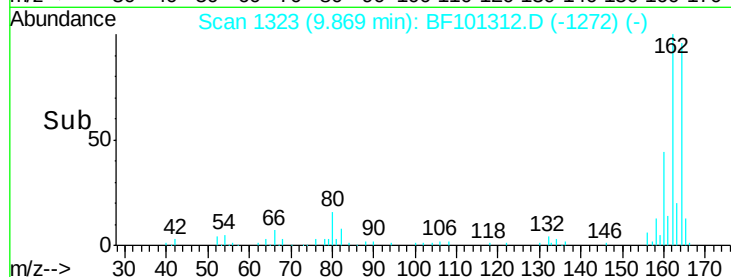
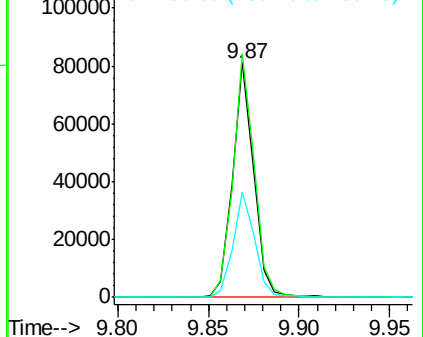
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

Tot Ion:164 Resp: 65955
Ion Ratio Lower Upper
164 100
162 103.9 86.1 129.1
160 45.2 38.3 57.5

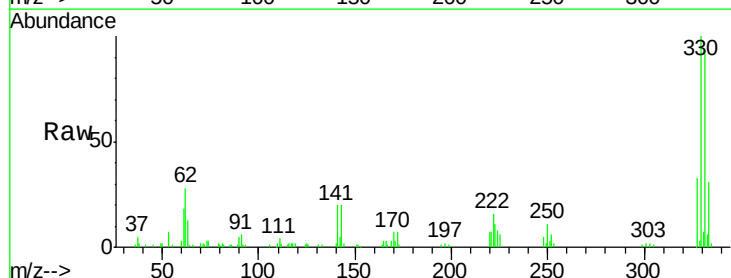


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

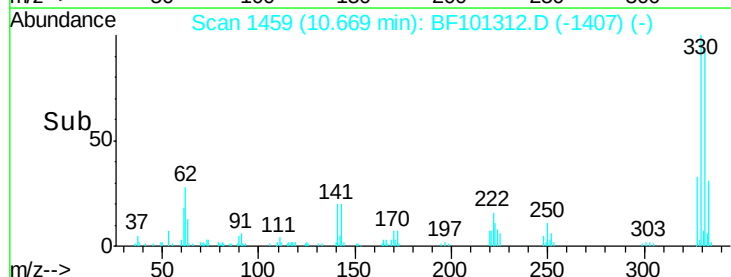
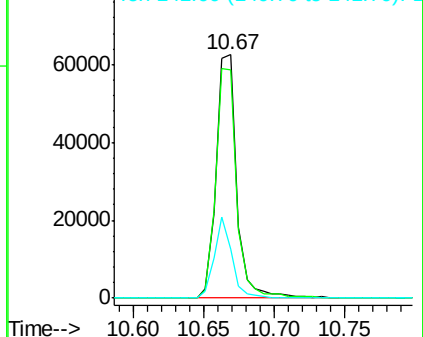


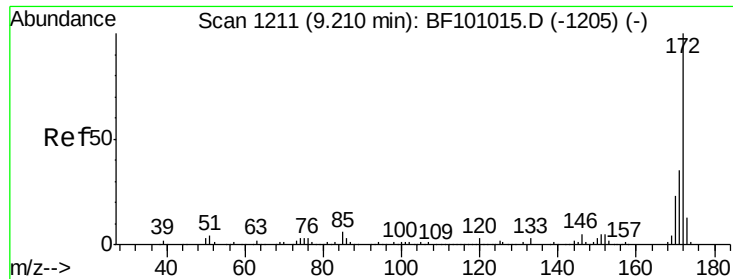
#41
2,4,6-Tribromophenol
Concen: 79.552 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:330 Resp: 63030
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 28.4 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

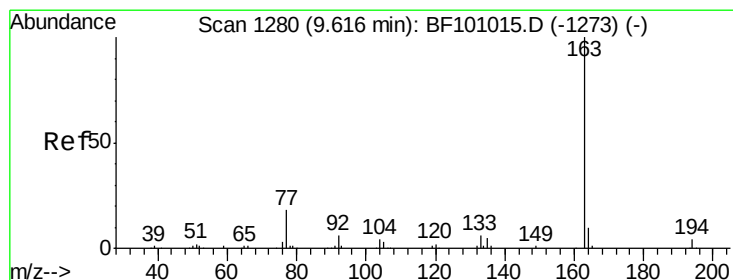
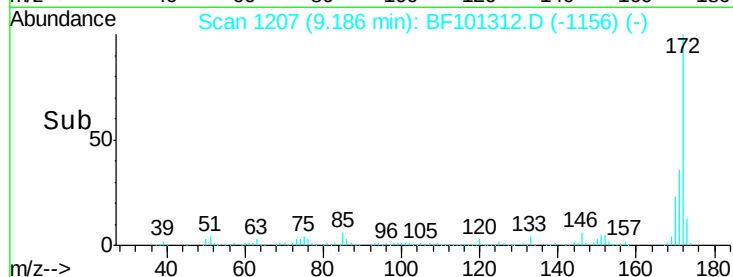
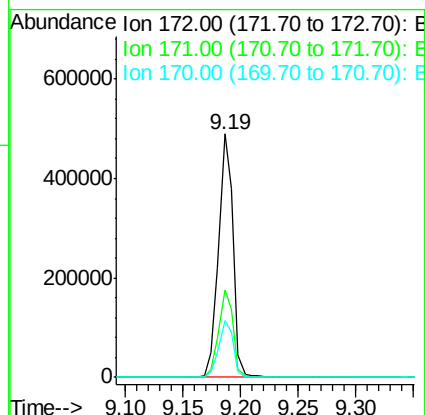
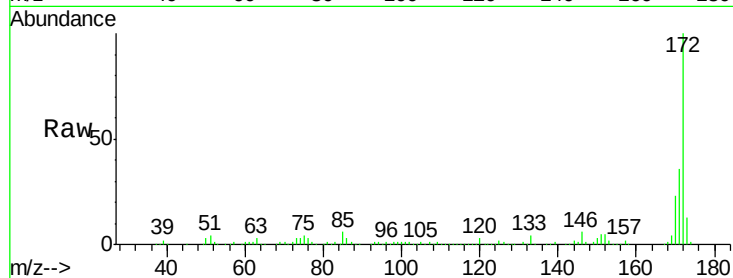




#44
2-Fluorobiphenyl
Concen: 88.448 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

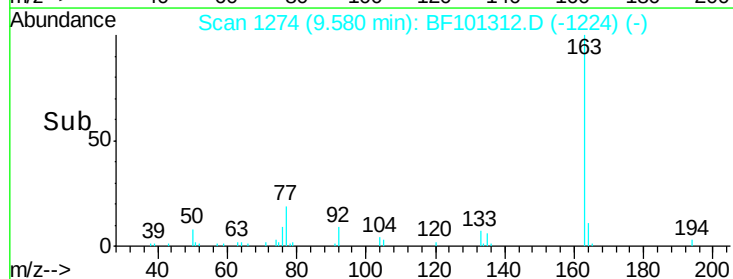
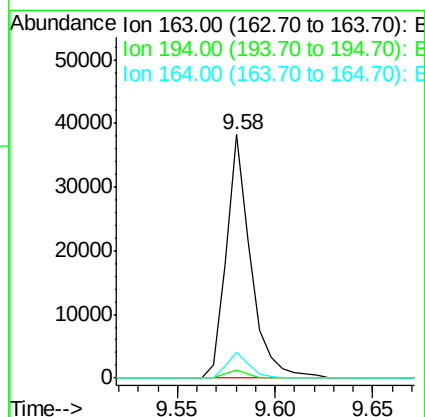
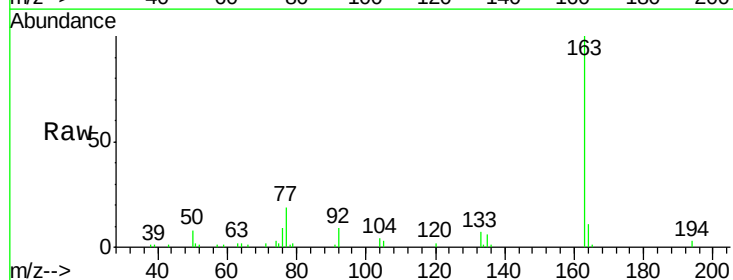
Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

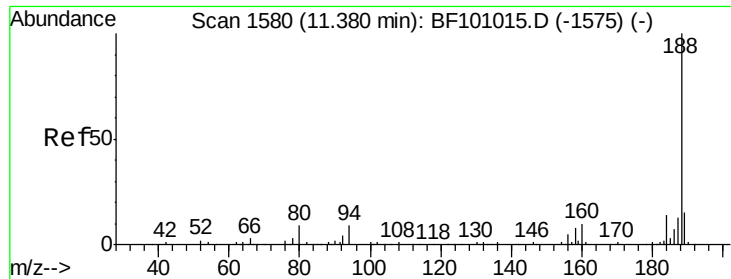
Tot Ion:172 Resp: 426368
Ion Ratio Lower Upper
172 100
171 36.0 29.7 44.5
170 23.2 19.6 29.4



#49
Dimethylphthalate
Concen: 6.219 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:163 Resp: 33077
Ion Ratio Lower Upper
163 100
194 3.4 2.7 4.1
164 10.9 8.2 12.2

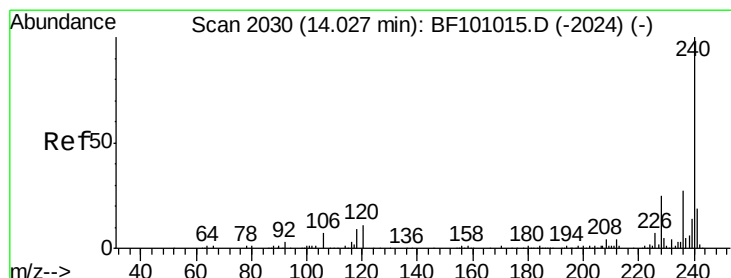
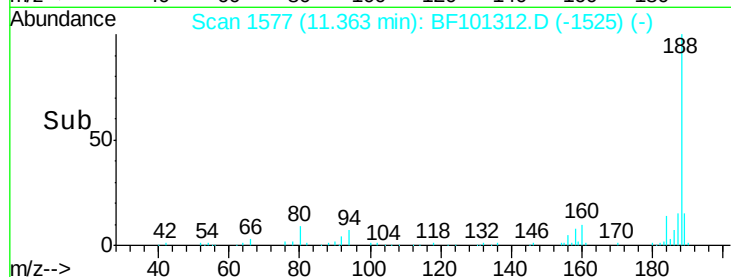
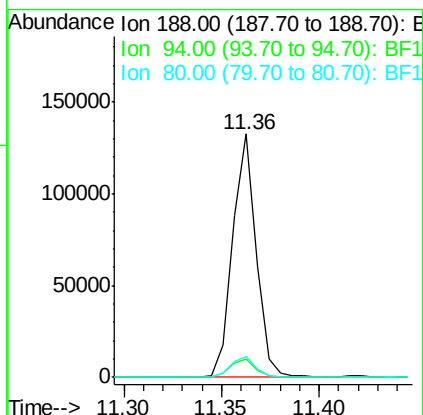
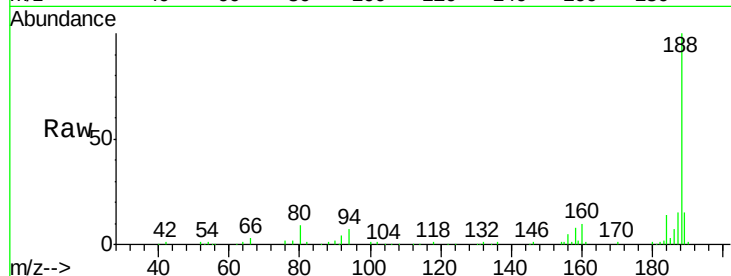




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

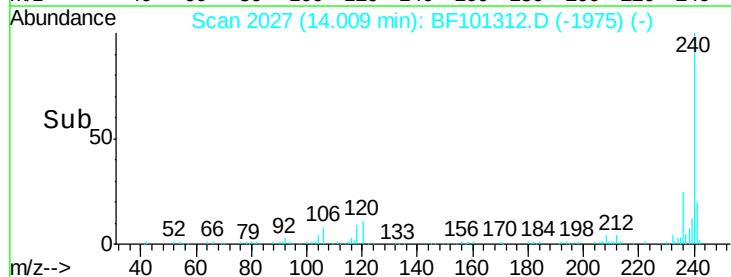
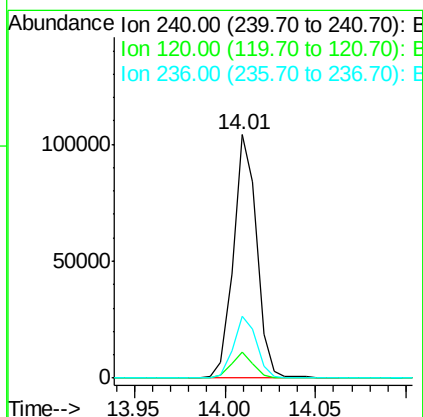
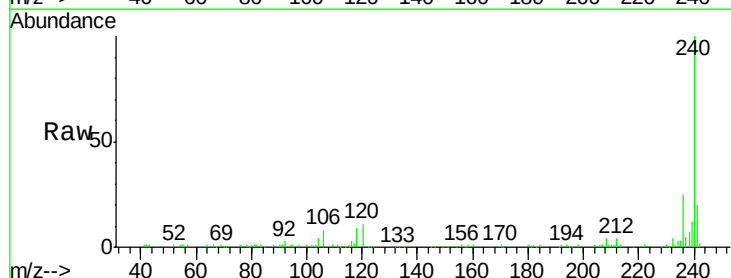
Instrument :
BNA_F
ClientSampleId :
MAP-8-E(7-8)

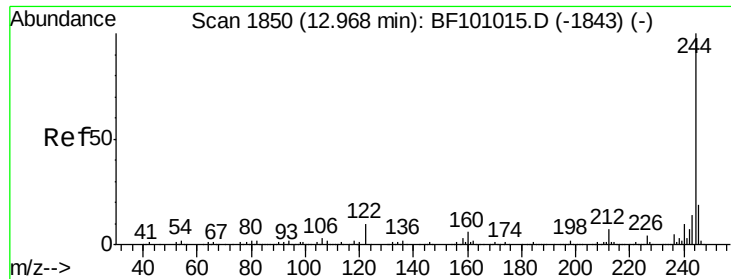
Tot Ion:188 Resp: 111011
Ion Ratio Lower Upper
188 100
94 7.3 8.5 12.7#
80 8.7 9.2 13.8#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.01 min
Lab File: BF101312.D
Acq: 12 Dec 2017 4:16

Tgt Ion:240 Resp: 93197
Ion Ratio Lower Upper
240 100
120 10.6 9.5 14.3
236 25.2 20.7 31.1





#78

Terphenyl-d14

Concen: 81.765 ng

RT: 12.95 min Scan# 1847

Delta R.T. 0.01 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

Instrument :

BNA_F

ClientSampleId :

MAP-8-E(7-8)

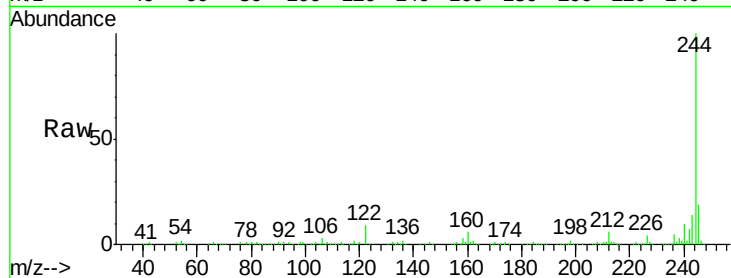
Tot Ion:244 Resp: 348394

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

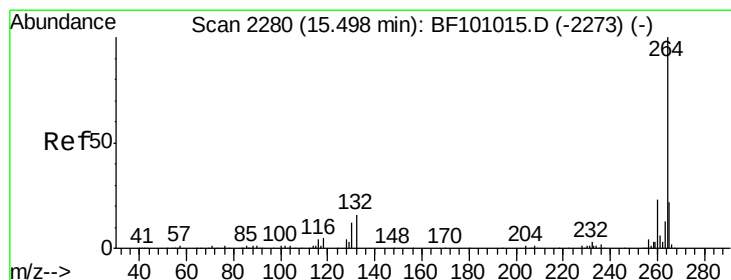
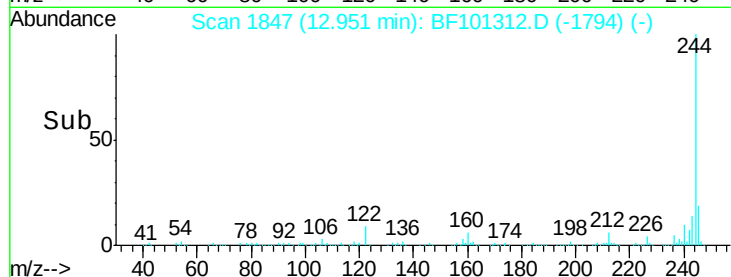
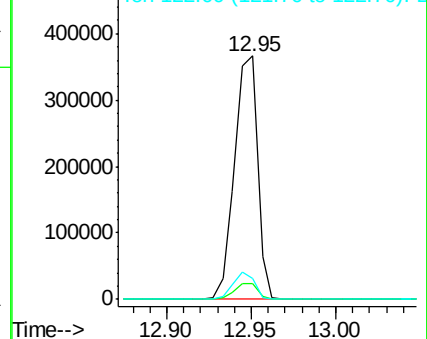
122 8.6 11.0 16.4#



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: 15.49 min Scan# 2279

Delta R.T. 0.02 min

Lab File: BF101312.D

Acq: 12 Dec 2017 4:16

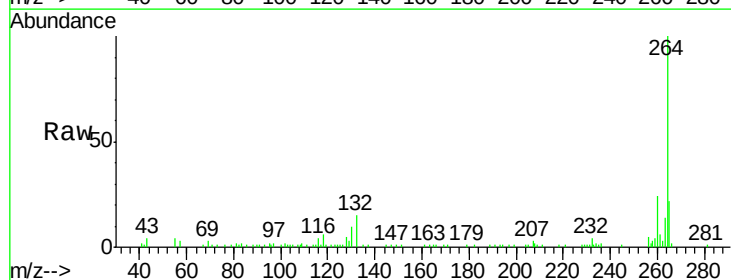
Tgt Ion:264 Resp: 71485

Ion Ratio Lower Upper

264 100

260 23.9 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

