

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098873.D
 Acq On : 27 Sep 2017 20:06
 Operator : SJ/JU
 Sample : I5403-18
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-2_092217

Quant Time: Sep 28 04:25:15 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

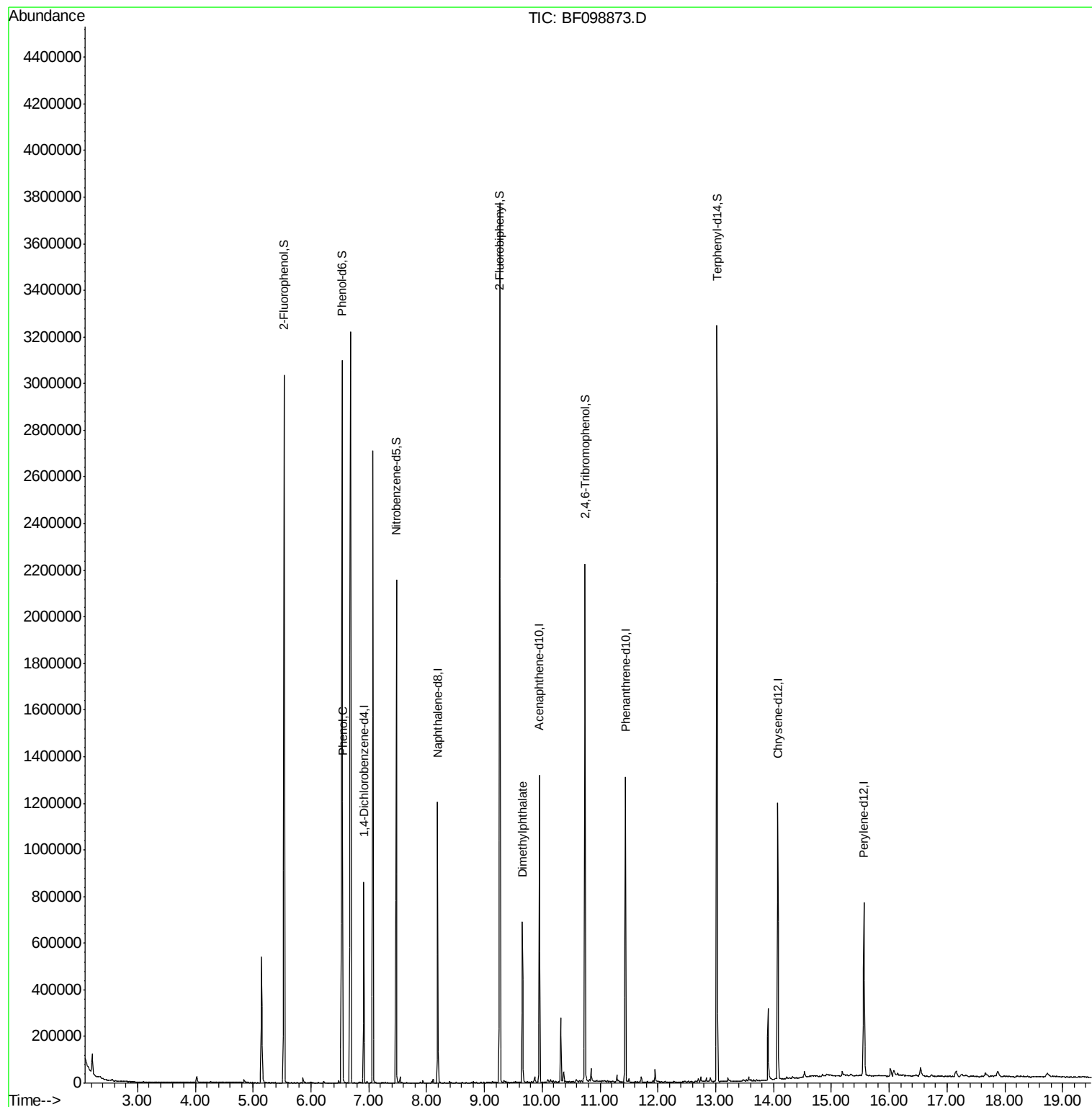
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	125577	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	519312	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	243085	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	449509	20.00	ng	0.00
75) Chrysene-d12	14.07	240	356361	20.00	ng	-0.01
86) Perylene-d12	15.57	264	333180	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	983050	124.62	ng	0.00
7) Phenol-d6	6.54	99	1193531	122.65	ng	0.00
23) Nitrobenzene-d5	7.47	82	695223	85.85	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	260751	131.09	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	1193297	81.95	ng	-0.01
78) Terphenyl-d14	13.02	244	1094703	69.86	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	35256	3.239	ng	93
49) Dimethylphthalate	9.66	163	249926	13.622	ng	99

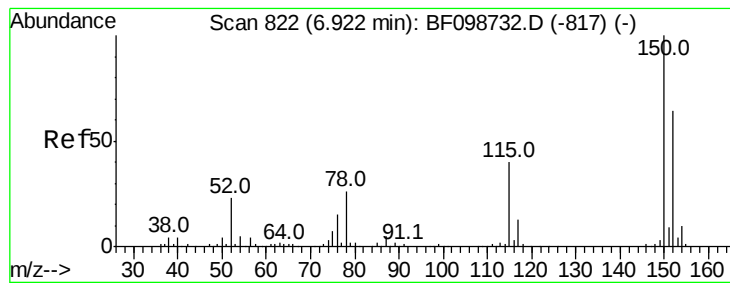
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

Instrument :

BNA_F

ClientSampleId :

DUP-2_092217

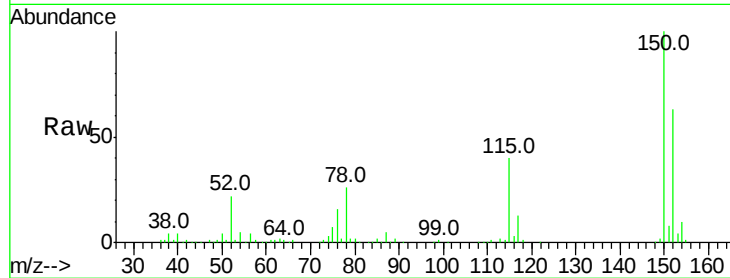
Tot Ion:152 Resp: 125577

Ion Ratio Lower Upper

152 100

150 158.9 124.6 186.8

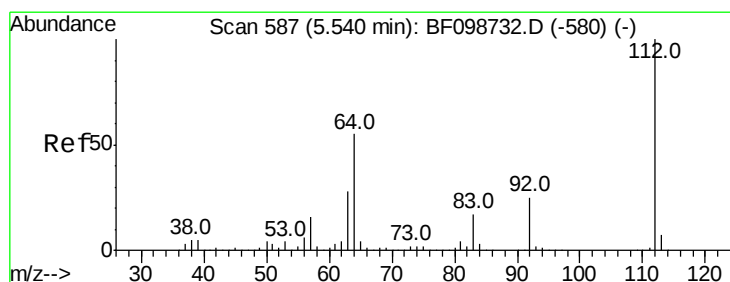
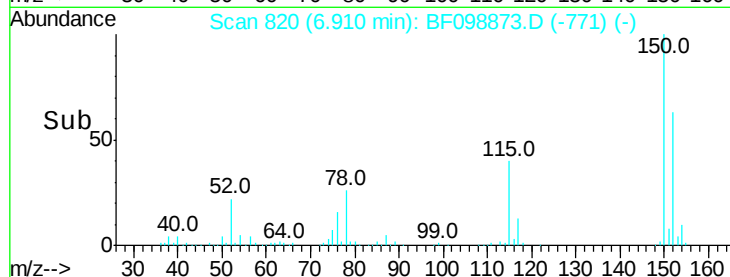
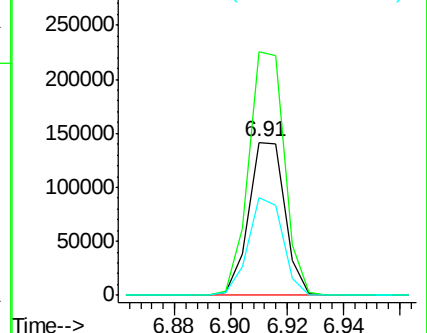
115 64.1 50.1 75.1



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: 124.618 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

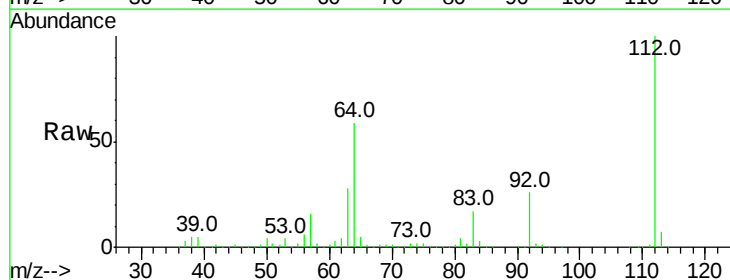
Tgt Ion:112 Resp: 983050

Ion Ratio Lower Upper

112 100

64 58.6 47.9 71.9

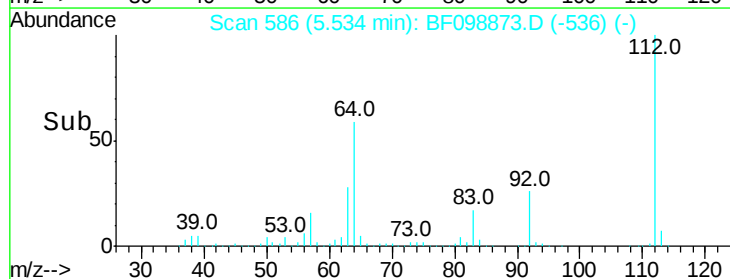
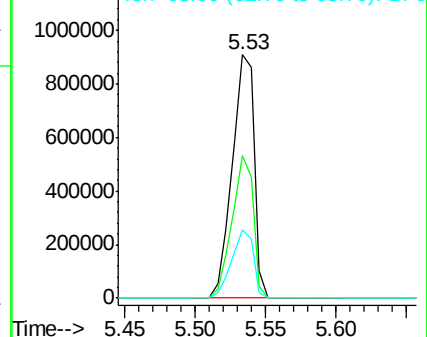
63 28.2 23.7 35.5

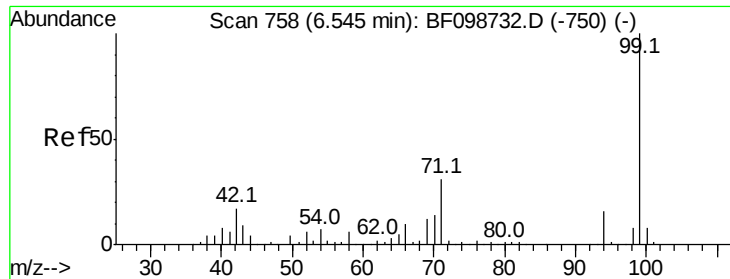


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.648 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

Instrument :

BNA_F

ClientSampleId :

DUP-2_092217

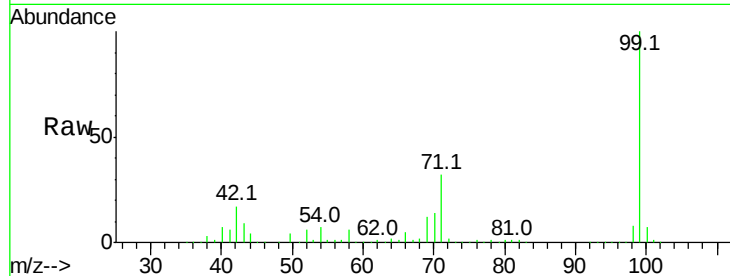
Tot Ion: 99 Resp: 1193531

Ion Ratio Lower Upper

99 100

42 16.7 14.5 21.7

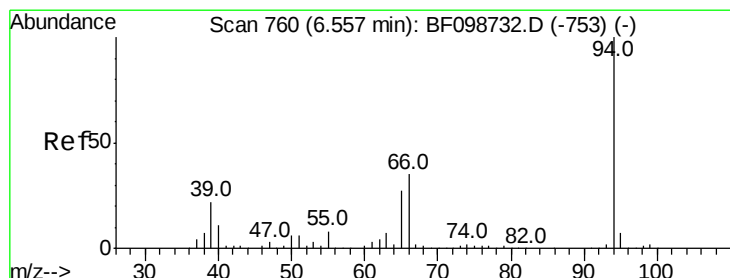
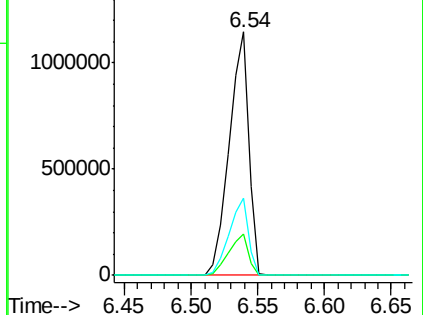
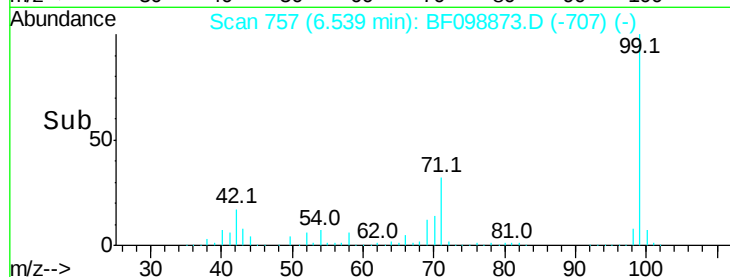
71 31.6 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 3.239 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

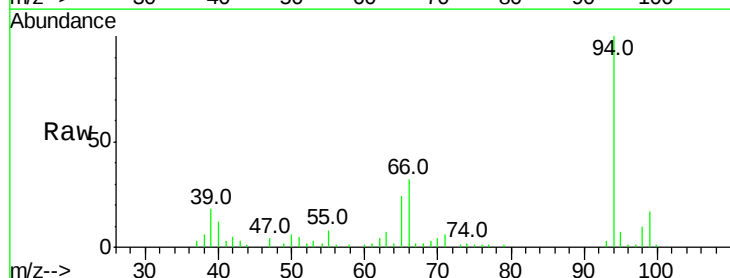
Tgt Ion: 94 Resp: 35256

Ion Ratio Lower Upper

94 100

65 23.9 7.9 47.9

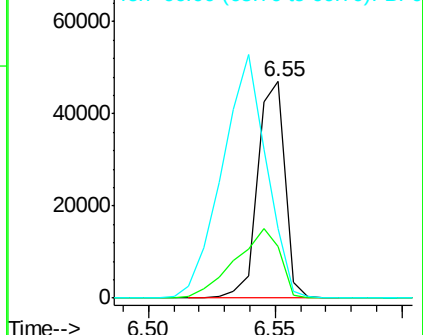
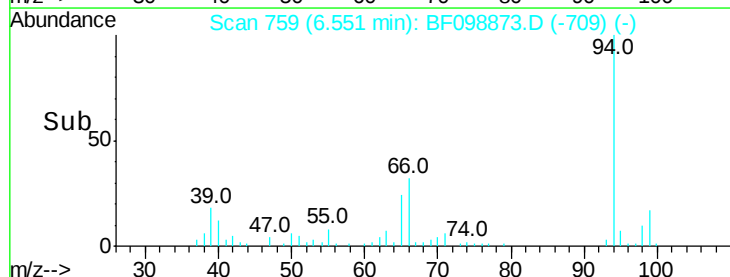
66 31.8 16.2 56.2

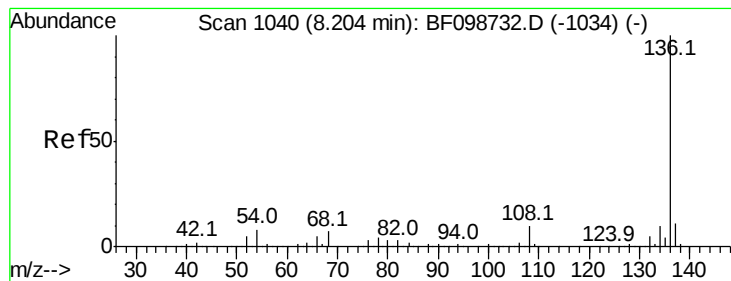


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

Instrument :

BNA_F

ClientSampleId :

DUP-2_092217

Tot Ion:136 Resp: 519312

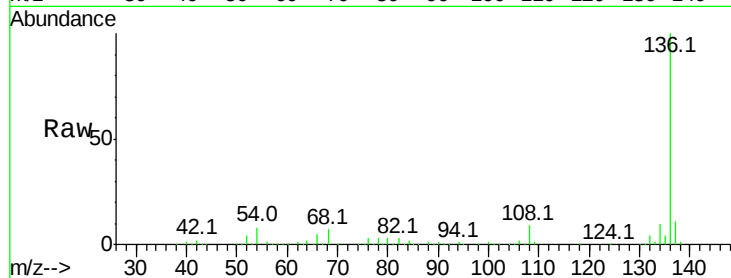
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 8.3 6.6 9.8

68 6.6 5.0 7.4

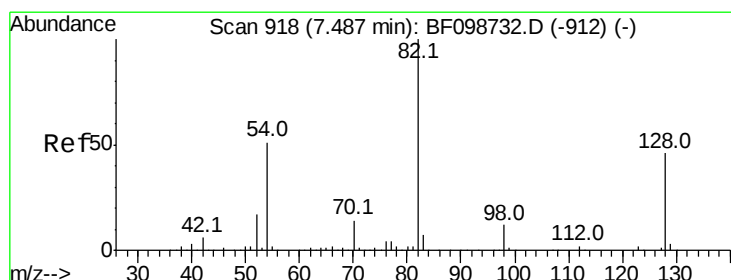
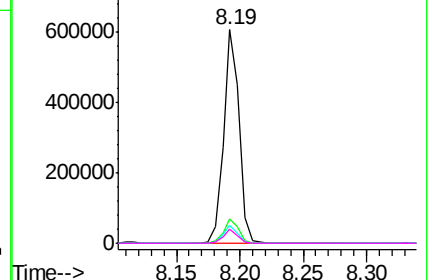
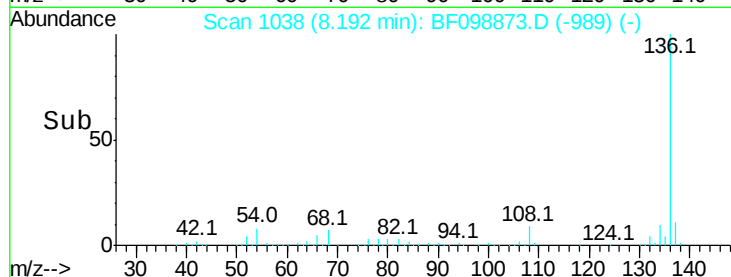


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 85.853 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

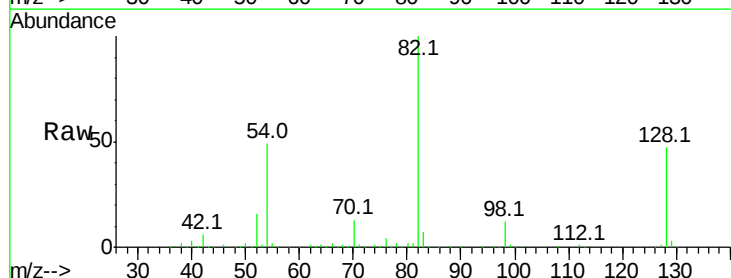
Tgt Ion: 82 Resp: 695223

Ion Ratio Lower Upper

82 100

128 47.1 36.1 54.1

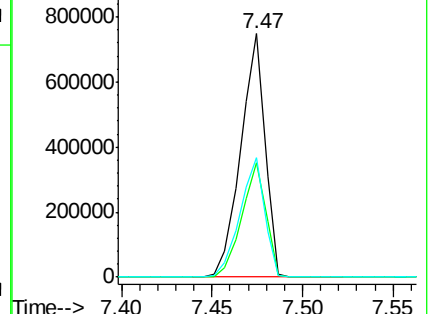
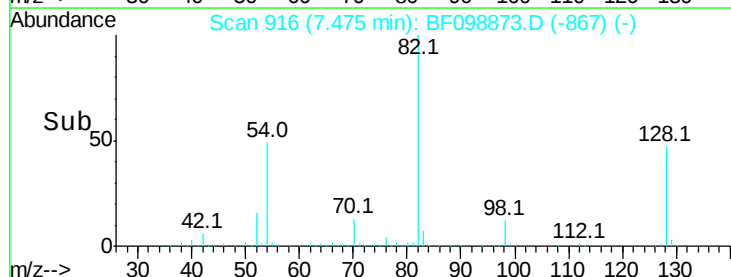
54 49.0 41.4 62.2

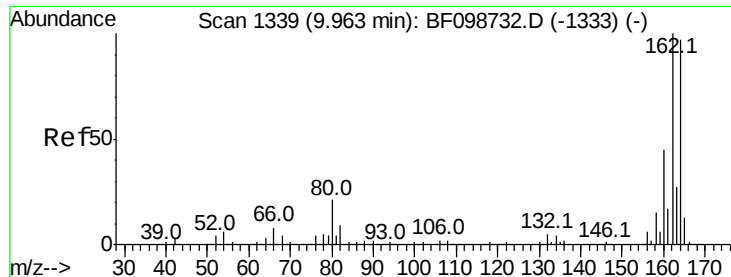


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

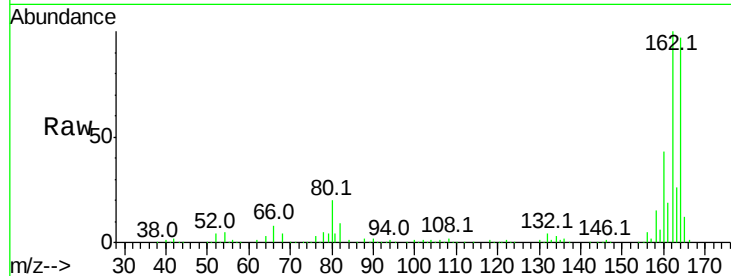




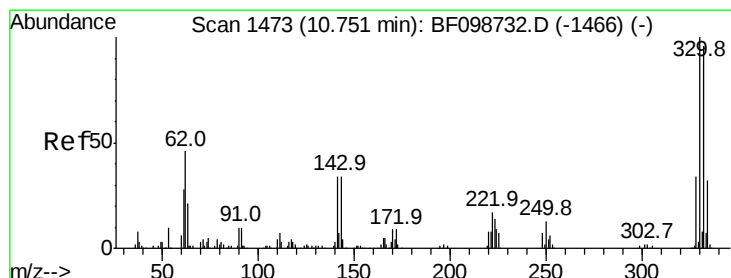
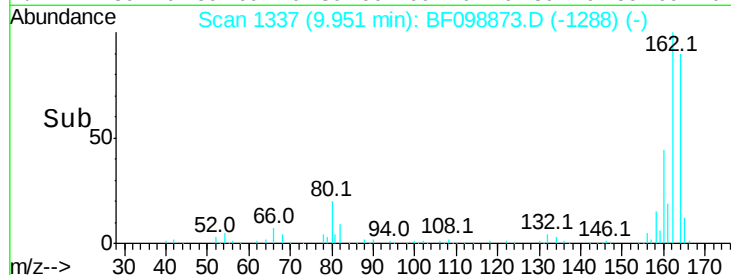
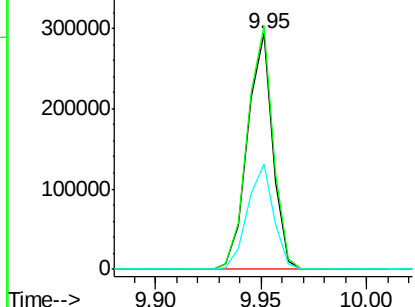
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Instrument :
BNA_F
ClientSampleId :
DUP-2_092217

Tot Ion:164 Resp: 243085
Ion Ratio Lower Upper
164 100
162 103.4 86.1 129.1
160 44.8 38.3 57.5

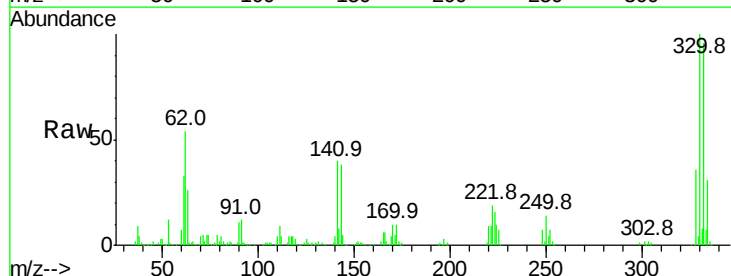


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

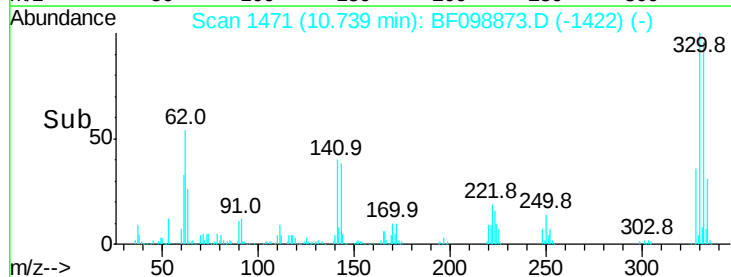
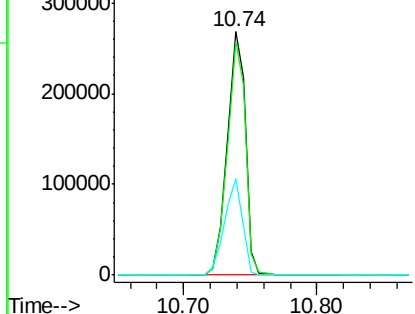


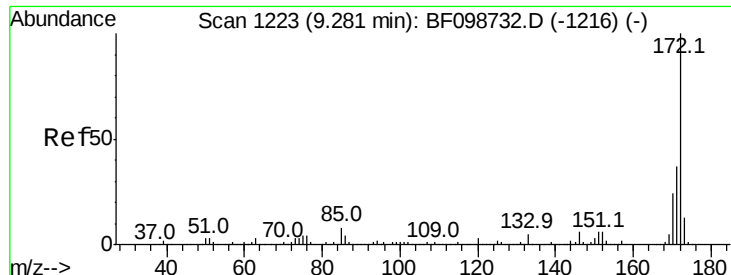
#41
2,4,6-Tribromophenol
Concen: 131.090 ng
RT: 10.74 min Scan# 1471
Delta R.T. -0.01 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Tgt Ion:330 Resp: 260751
Ion Ratio Lower Upper
330 100
332 95.3 77.0 115.6
141 39.2 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

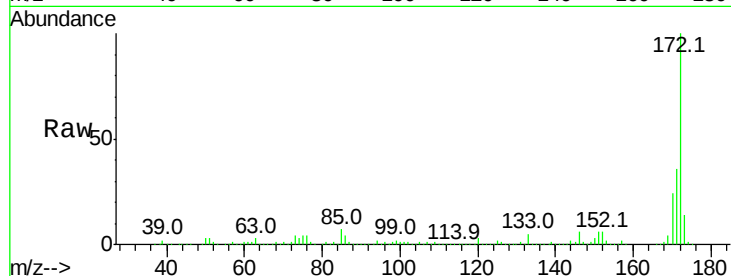




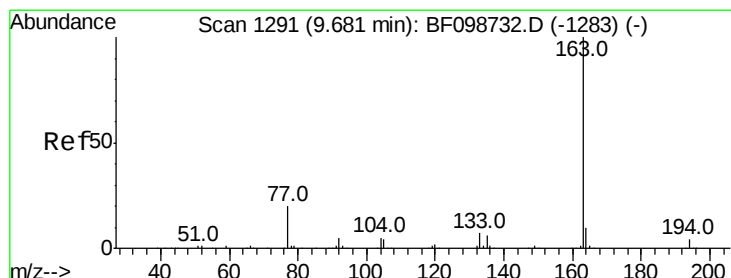
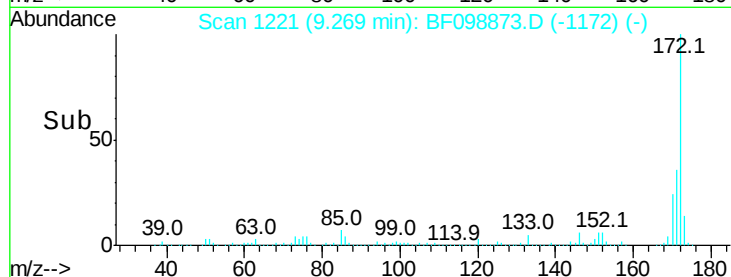
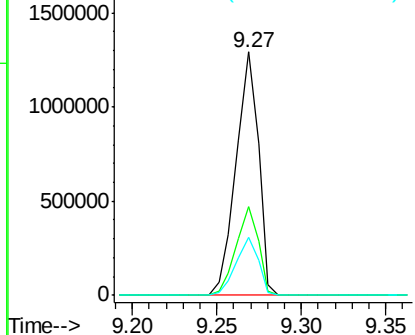
#44
2-Fluorobiphenyl
Concen: 81.951 ng
RT: 9.27 min Scan# 1221
Delta R.T. -0.01 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Instrument :
BNA_F
ClientSampleId :
DUP-2_092217

Tot Ion:172 Resp: 1193297
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.9 19.6 29.4

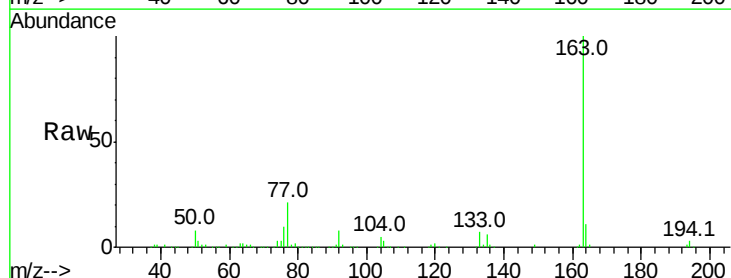


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

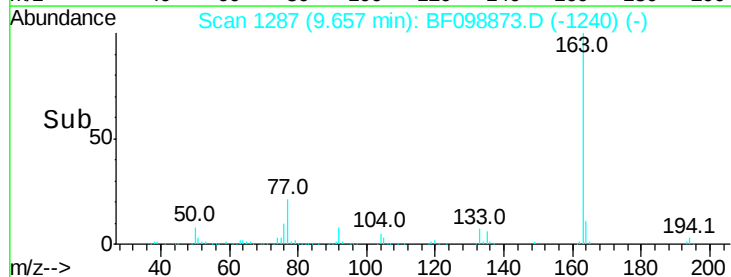
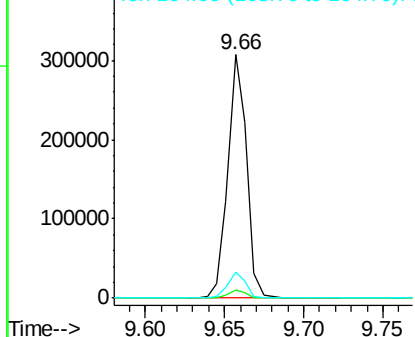


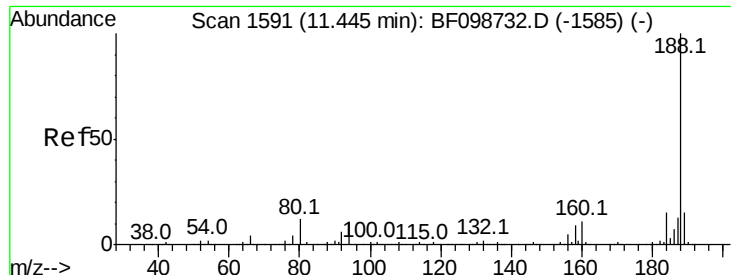
#49
Dimethylphthalate
Concen: 13.622 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Tgt Ion:163 Resp: 249926
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.9 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

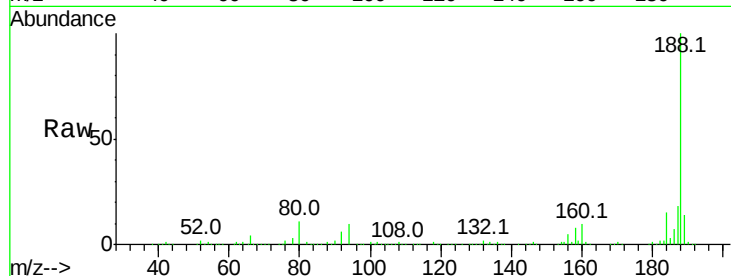




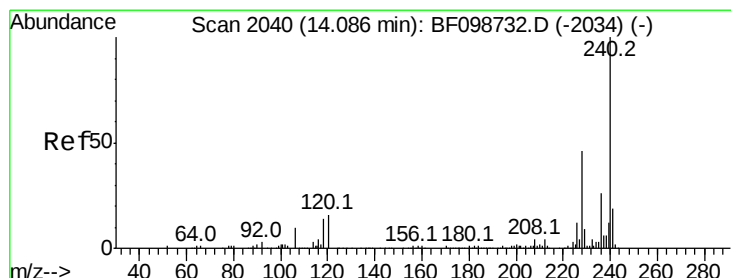
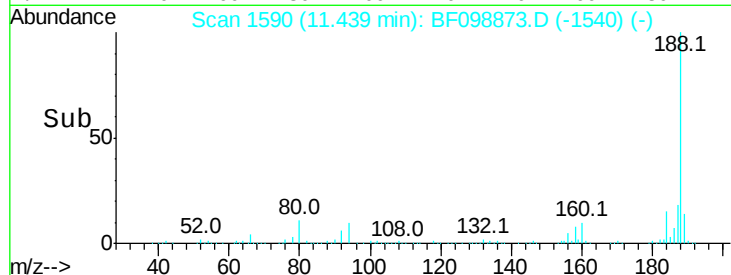
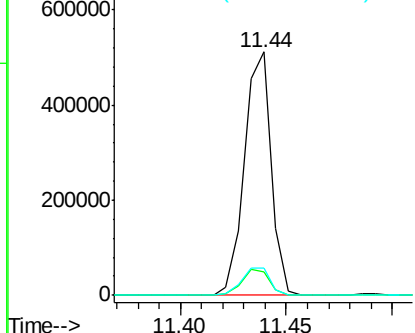
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Instrument :
BNA_F
ClientSampleId :
DUP-2_092217

Tot Ion:188 Resp: 449509
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.2 9.2 13.8

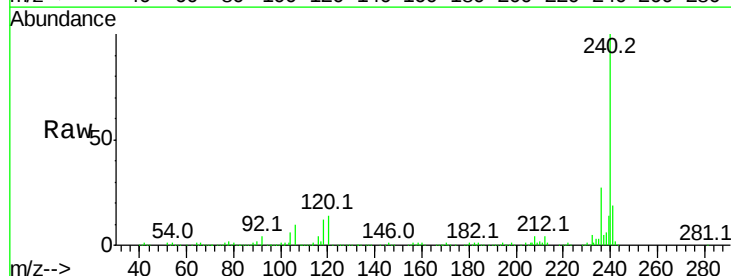


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

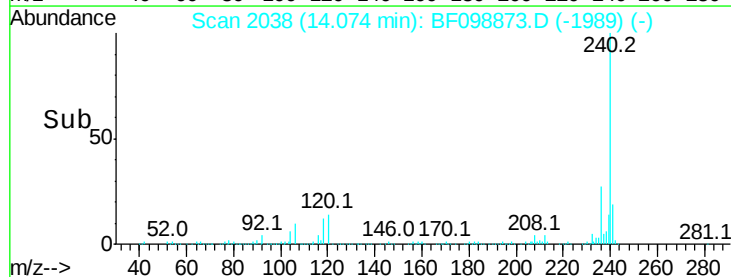
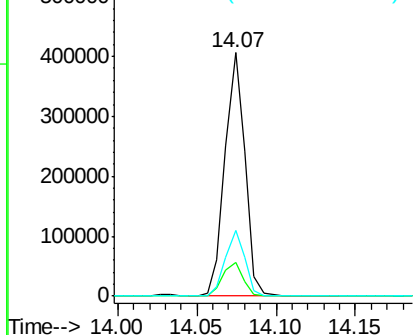


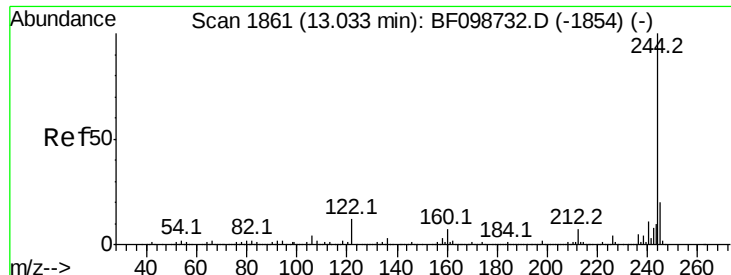
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2038
Delta R.T. -0.01 min
Lab File: BF098873.D
Acq: 27 Sep 2017 20:06

Tgt Ion:240 Resp: 356361
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 27.0 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: 69.861 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

Instrument :

BNA_F

ClientSampled :

DUP-2_092217

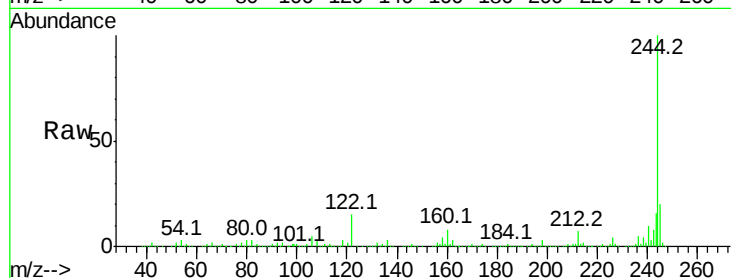
Tot Ion:244 Resp: 1094703

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

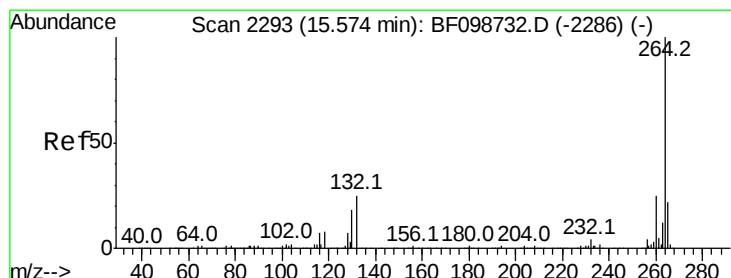
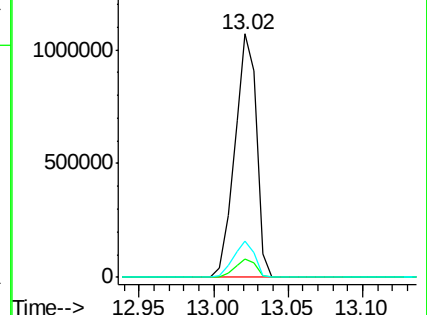
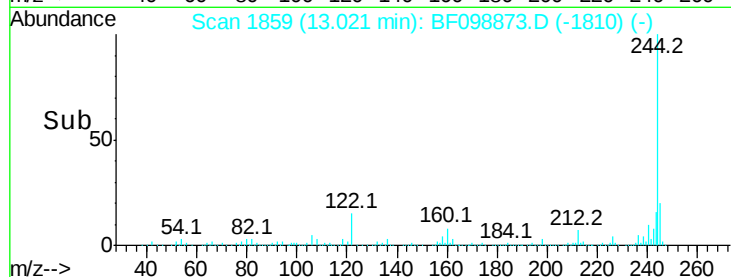
122 14.7 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098873.D

Acq: 27 Sep 2017 20:06

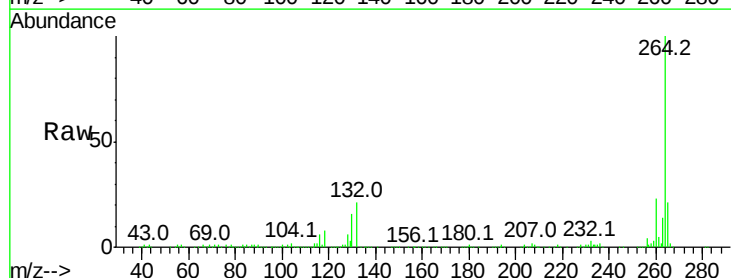
Tgt Ion:264 Resp: 333180

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.2 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

