

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031915\
 Data File : BF077851.D
 Acq On : 20 Mar 2015 2:54
 Operator : TP/IZ
 Sample : G1573-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Quant Time: Mar 20 06:50:08 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 20 06:30:20 2015
 Response via : Initial Calibration

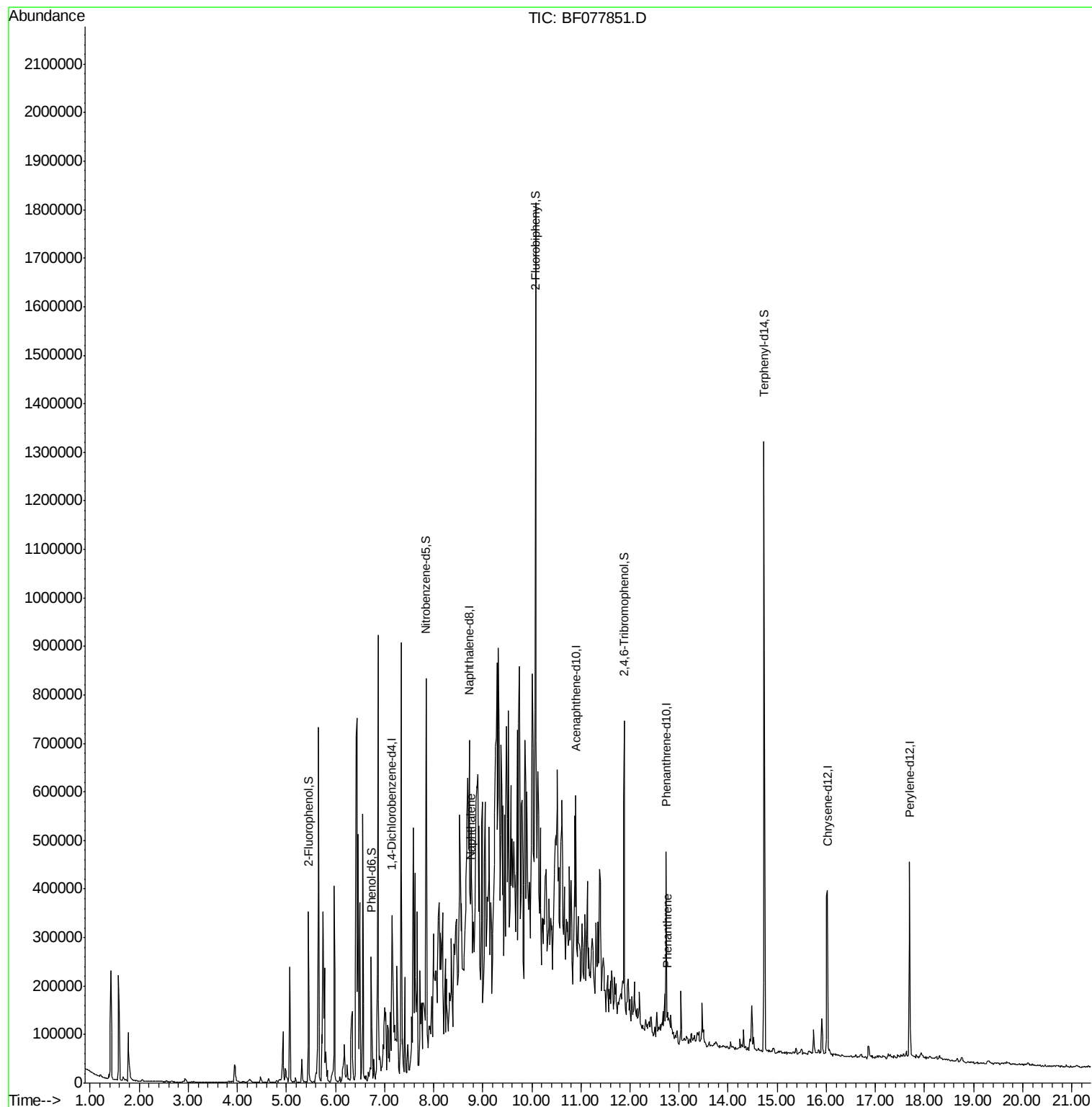
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.15	152	39933	20.00	ng	0.00
21) Naphthalene-d8	8.73	136	157995	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	88928	20.00	ng	0.00
63) Phenanthrene-d10	12.74	188	158280	20.00	ng	0.00
75) Chrysene-d12	16.02	240	178252	20.00	ng	-0.01
86) Perylene-d12	17.70	264	183443	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	125564	54.89	ng	0.01
7) Phenol-d6	6.73	99	95737	33.87	ng	0.00
23) Nitrobenzene-d5	7.85	82	230305	95.55	ng	0.00
41) 2,4,6-Tribromophenol	11.88	330	91043	107.00	ng	0.00
44) 2-Fluorobiphenyl	10.08	172	460046	76.03	ng	0.00
78) Terphenyl-d14	14.73	244	478651	65.59	ng	-0.01
Target Compounds						
31) Naphthalene	8.75	128	23657	2.92	ng	Qvalue # 76
70) Phenanthrene	12.76	178	20139	2.22	ng	99

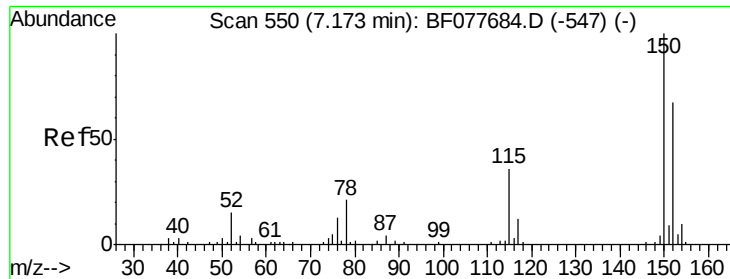
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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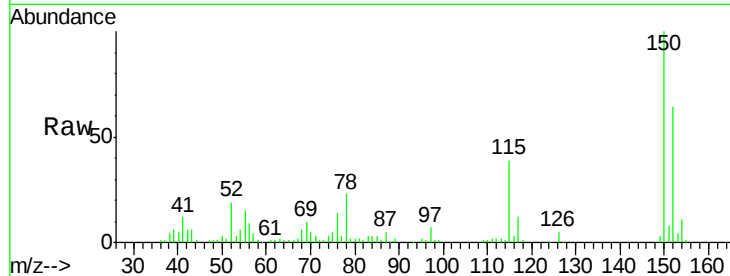




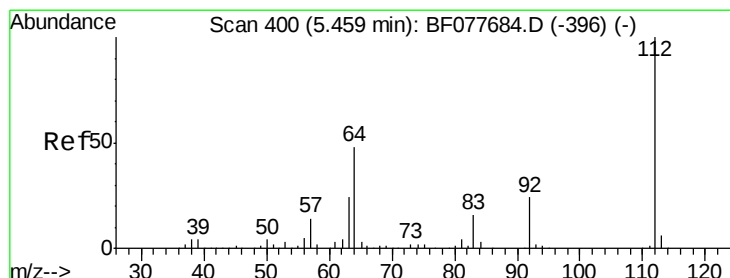
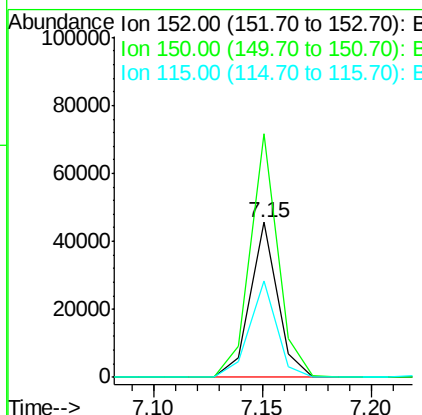
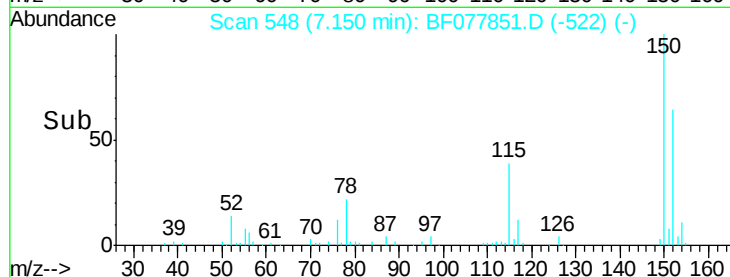
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.15 min Scan# 548
 Delta R.T. 0.00 min
 Lab File: BF077851.D
 Acq: 20 Mar 2015 2:54

Instrument :
 BNA_F
 ClientSampleId :
 MW-09

Tot Ion:152 Resp: 39933
 Ion Ratio Lower Upper
 152 100
 150 157.4 119.5 179.3
 115 62.0 43.0 64.4

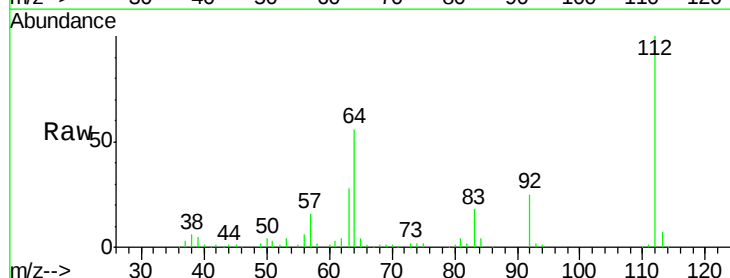


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

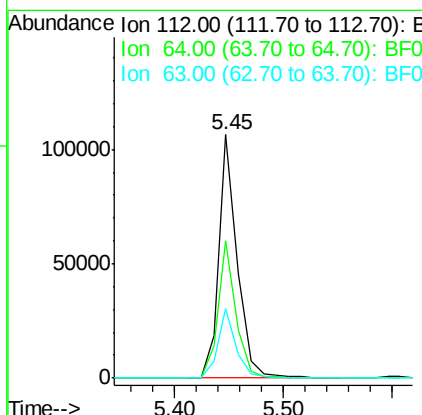
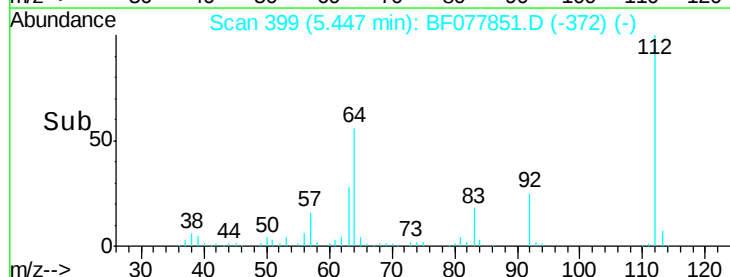


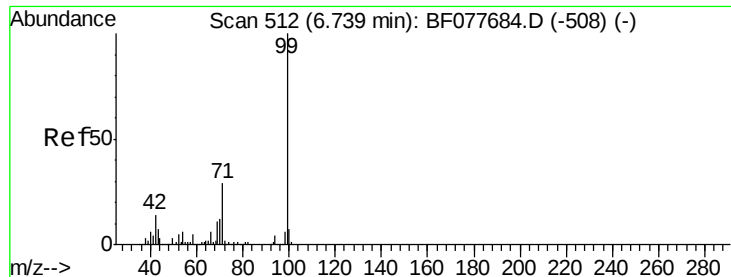
#5
 2-Fluorophenol
 Concen: 54.89 ng
 RT: 5.45 min Scan# 399
 Delta R.T. 0.01 min
 Lab File: BF077851.D
 Acq: 20 Mar 2015 2:54

Tgt Ion:112 Resp: 125564
 Ion Ratio Lower Upper
 112 100
 64 56.3 38.6 57.8
 63 28.4 19.3 28.9



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: 33.87 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-09

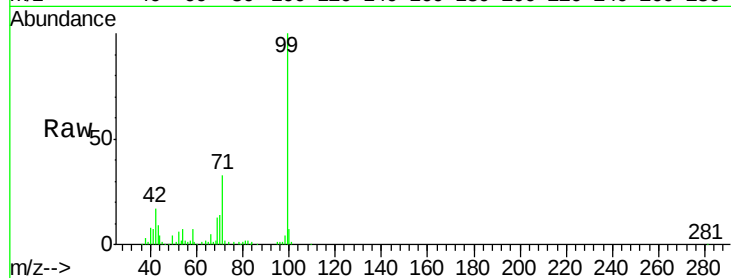
Tot Ion: 99 Resp: 95737

Ion Ratio Lower Upper

99 100

42 17.4 11.0 16.4#

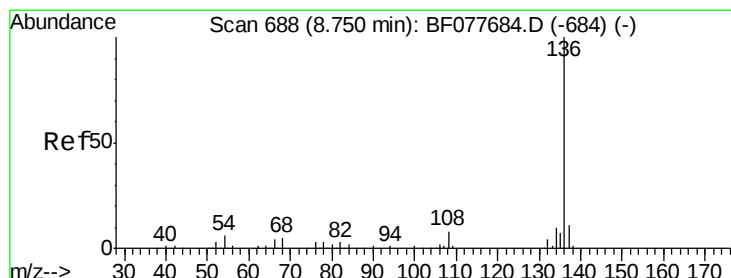
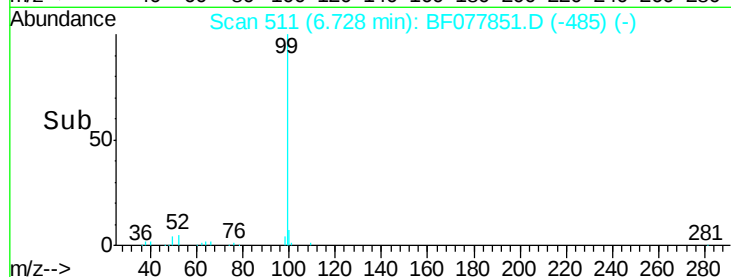
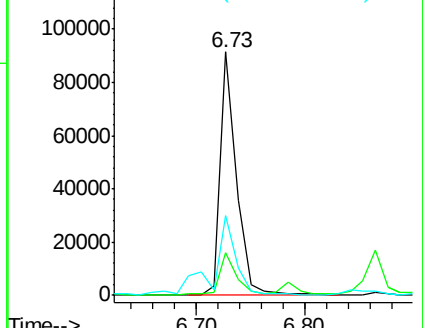
71 32.6 23.4 35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.73 min Scan# 686

Delta R.T. 0.00 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

Tgt Ion: 136 Resp: 157995

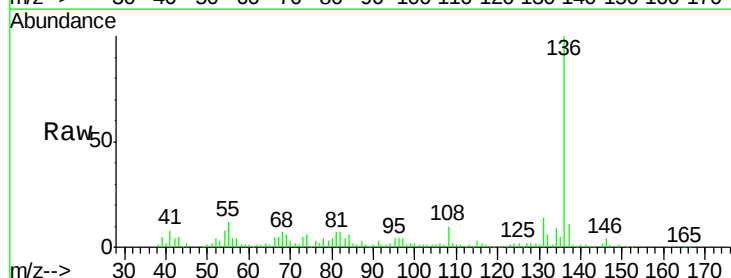
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 8.0 4.6 6.8#

68 7.3 3.7 5.5#

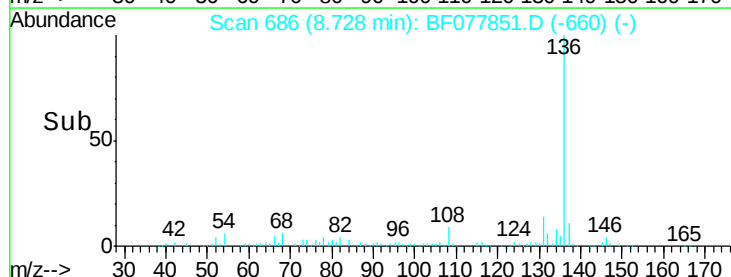
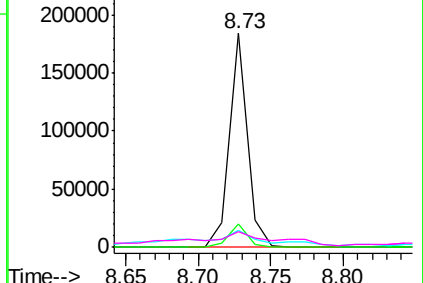


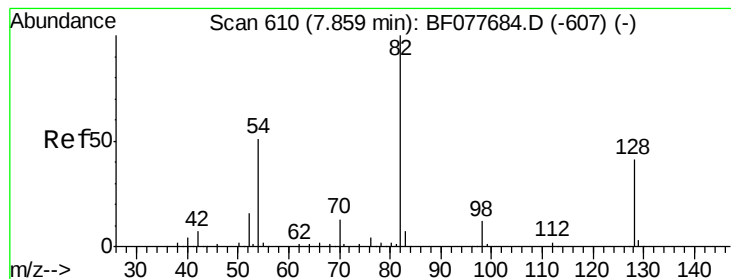
Abundance Ion 136.00 (135.70 to 136.70): E

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: 95.55 ng

RT: 7.85 min Scan# 609

Delta R.T. 0.00 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-09

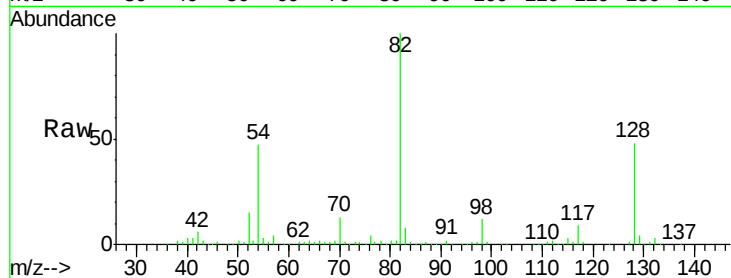
Tot Ion: 82 Resp: 230305

Ion Ratio Lower Upper

82 100

128 48.4 32.8 49.2

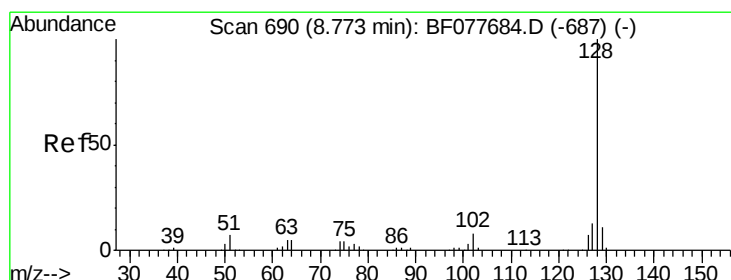
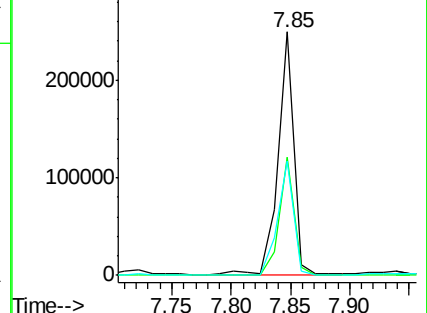
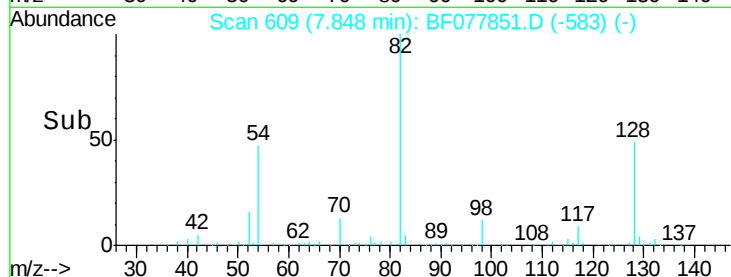
54 46.8 40.6 60.8



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



#31

Naphthalene

Concen: 2.92 ng

RT: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

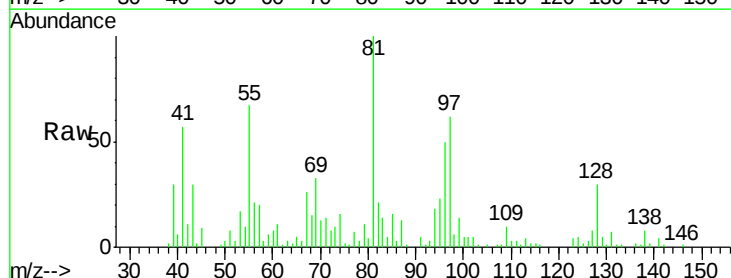
Tgt Ion: 128 Resp: 23657

Ion Ratio Lower Upper

128 100

129 15.5 8.9 13.3#

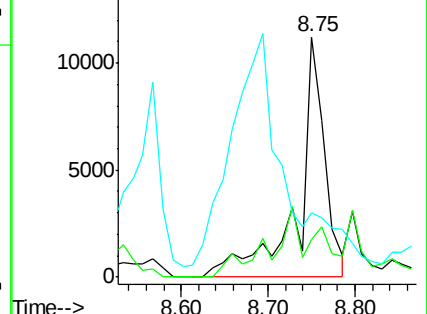
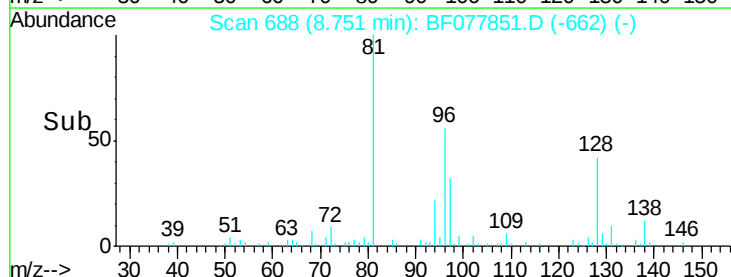
127 26.8 10.4 15.6#

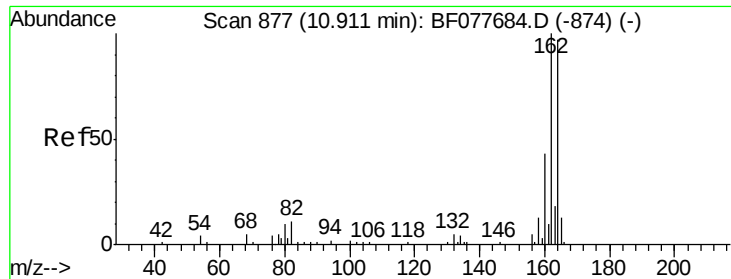


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

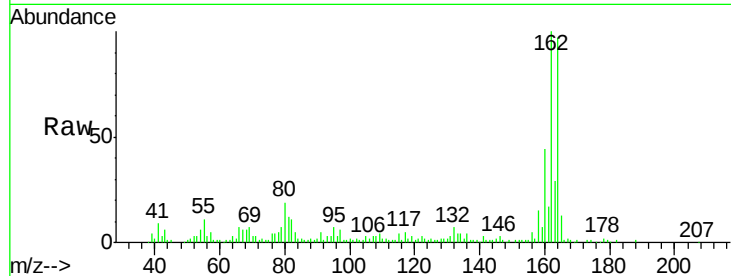




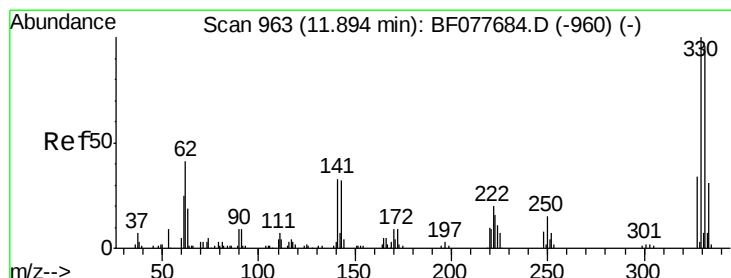
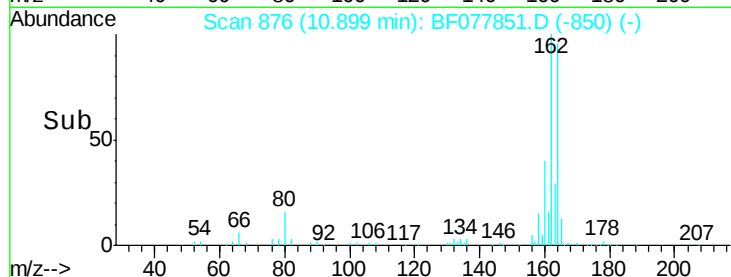
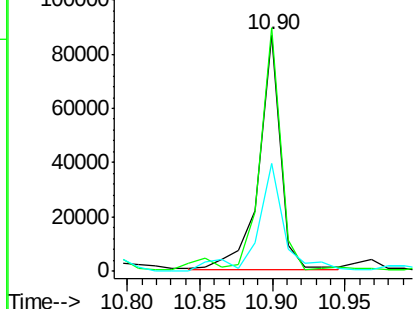
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.90 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF077851.D
Acq: 20 Mar 2015 2:54

Instrument :
BNA_F
ClientSampleId :
MW-09

Tot Ion:164 Resp: 88928
Ion Ratio Lower Upper
164 100
162 103.1 82.4 123.6
160 45.6 35.8 53.6

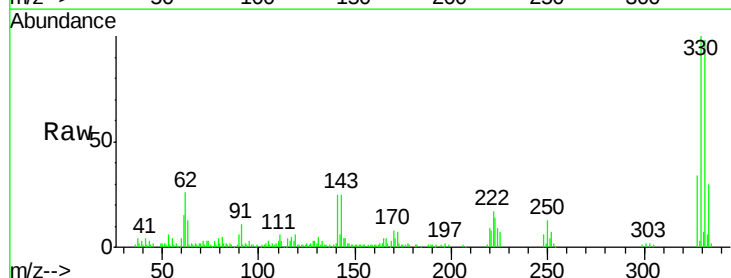


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

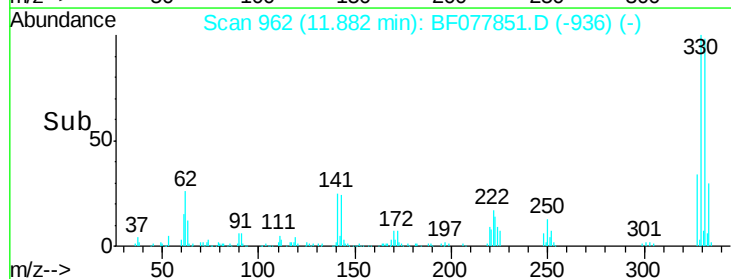
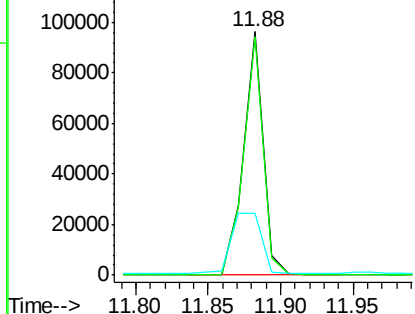


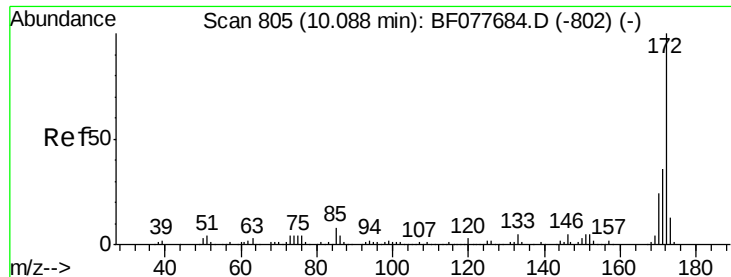
#41
2,4,6-Tribromophenol
Concen: 107.00 ng
RT: 11.88 min Scan# 962
Delta R.T. 0.00 min
Lab File: BF077851.D
Acq: 20 Mar 2015 2:54

Tgt Ion:330 Resp: 91043
Ion Ratio Lower Upper
330 100
332 97.5 0.0 0.0#
141 37.7 0.0 0.0#



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

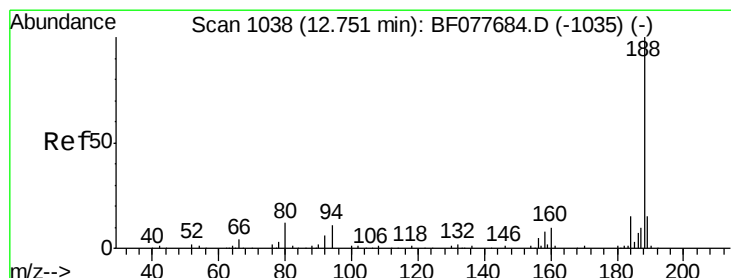
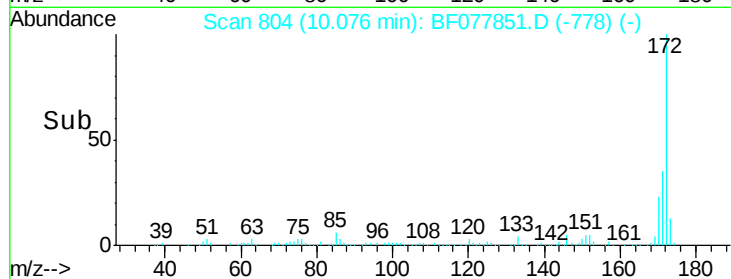
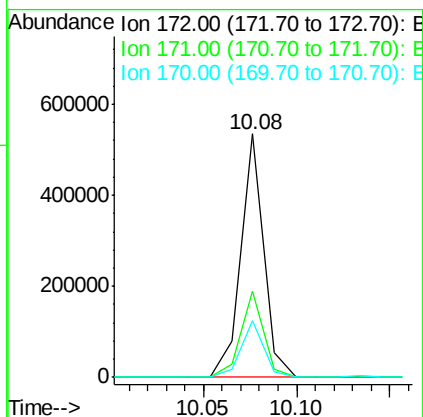
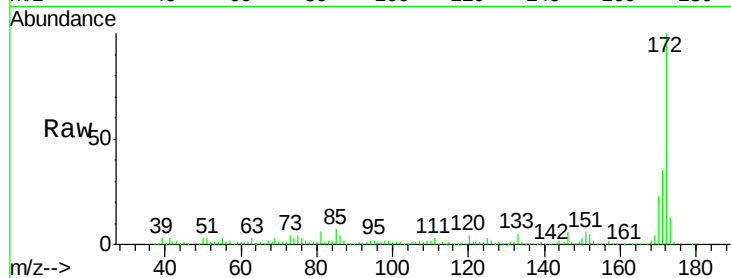




#44
2-Fluorobiphenyl
Concen: 76.03 ng
RT: 10.08 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF077851.D
Acq: 20 Mar 2015 2:54

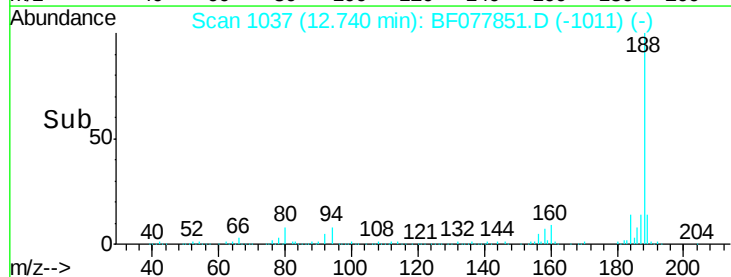
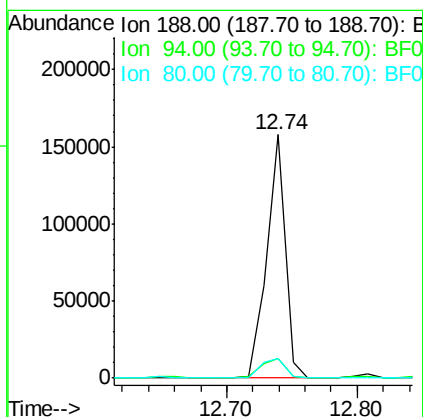
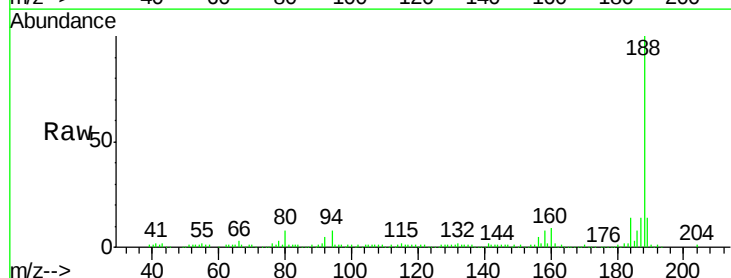
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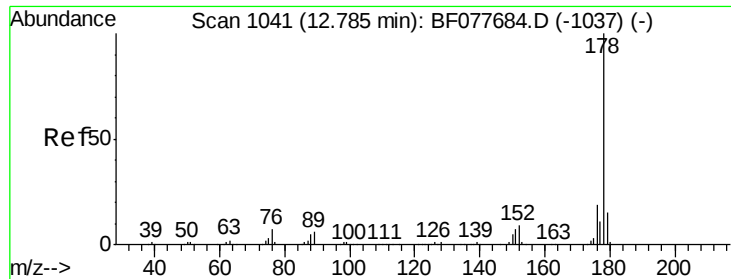
Tot Ion:172 Resp: 460046
Ion Ratio Lower Upper
172 100
171 35.1 28.5 42.7
170 23.1 18.8 28.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077851.D
Acq: 20 Mar 2015 2:54

Tgt Ion:188 Resp: 158280
Ion Ratio Lower Upper
188 100
94 8.3 8.7 13.1#
80 8.3 9.3 13.9#





#70

Phenanthrene

Concen: 2.22 ng

RT: 12.76 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

Instrument :

BNA_F

ClientSampleId :

MW-09

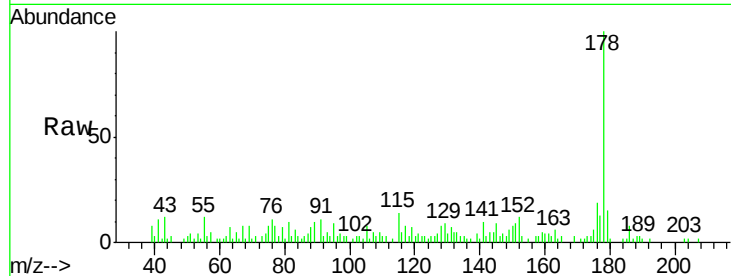
Tot Ion:178 Resp: 20139

Ion Ratio Lower Upper

178 100

176 18.6 15.2 22.8

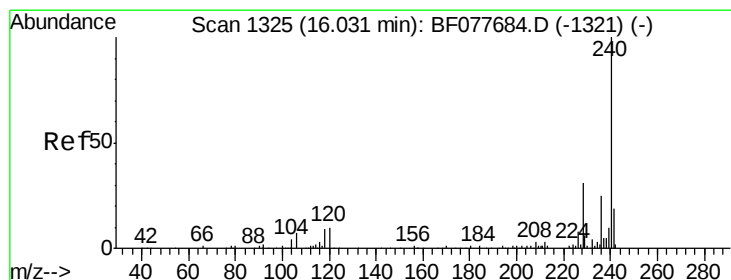
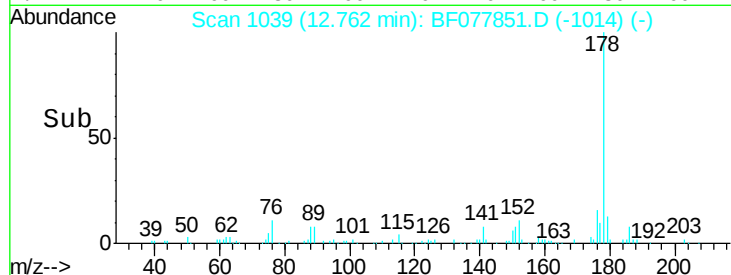
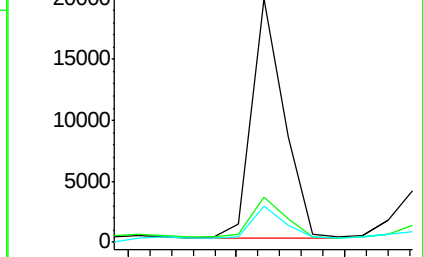
179 14.8 12.1 18.1



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.02 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

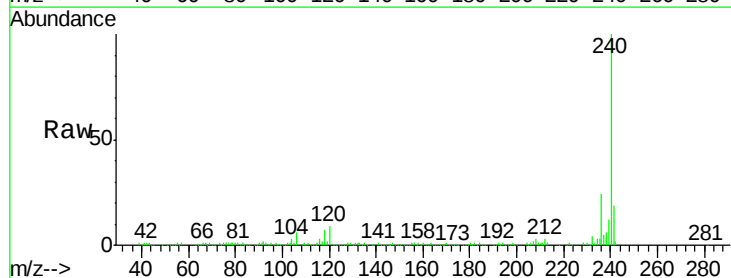
Tgt Ion:240 Resp: 178252

Ion Ratio Lower Upper

240 100

120 8.7 8.2 12.2

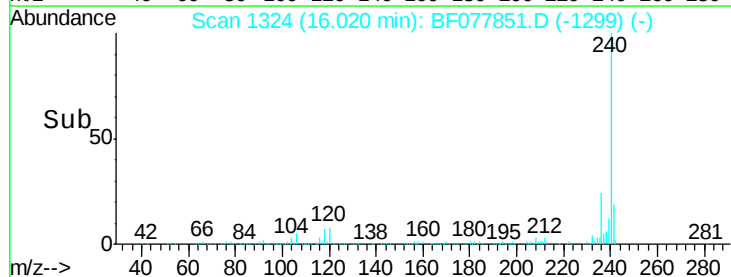
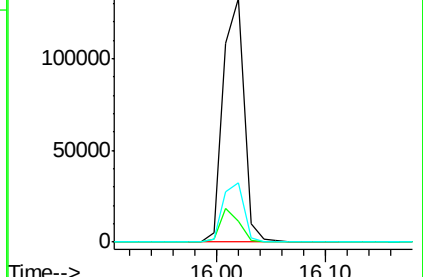
236 24.5 20.0 30.0

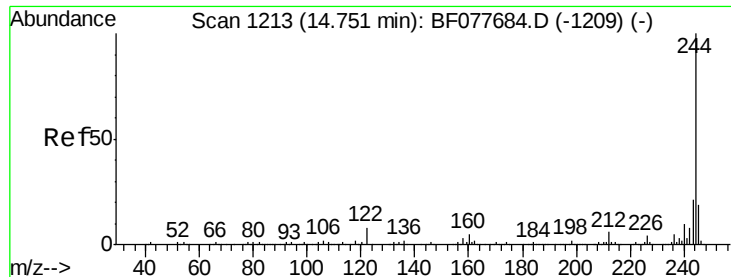


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 65.59 ng

RT: 14.73 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

Instrument :

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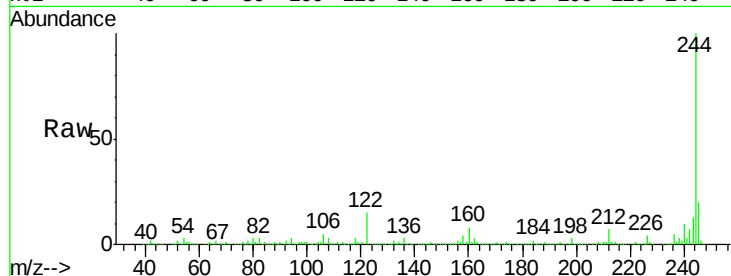
Tot Ion:244 Resp: 478651

Ion Ratio Lower Upper

244 100

212 7.2 4.9 7.3

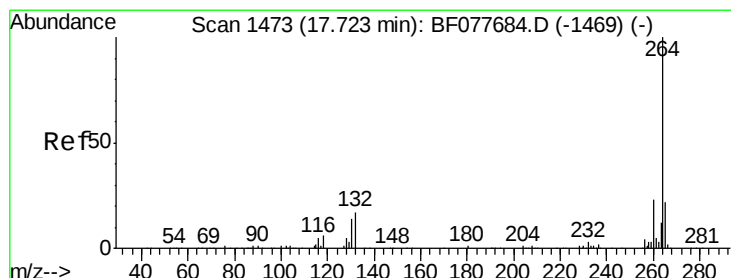
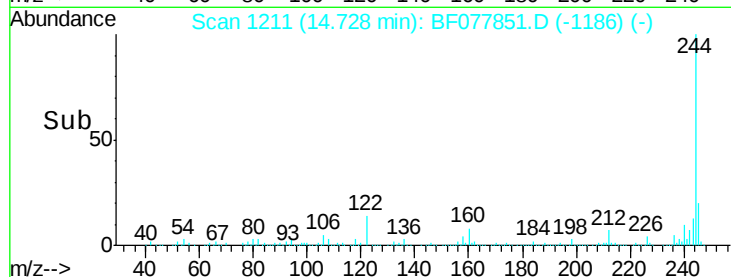
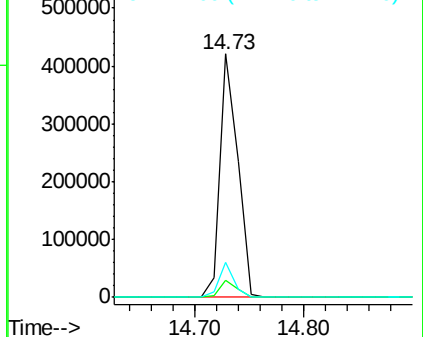
122 14.5 6.2 9.4#



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: 20.00 ng

RT: 17.70 min Scan# 1471

Delta R.T. -0.06 min

Lab File: BF077851.D

Acq: 20 Mar 2015 2:54

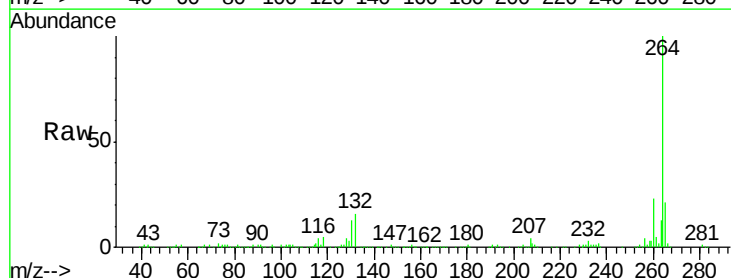
Tgt Ion:264 Resp: 183443

Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.3 17.3 25.9



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

