

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031615\
 Data File : BF077756.D
 Acq On : 16 Mar 2015 16:48
 Operator : TP/IZ
 Sample : G1515-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC

Quant Time: Mar 17 00:05:29 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 17 00:51:27 2015
 Response via : Initial Calibration

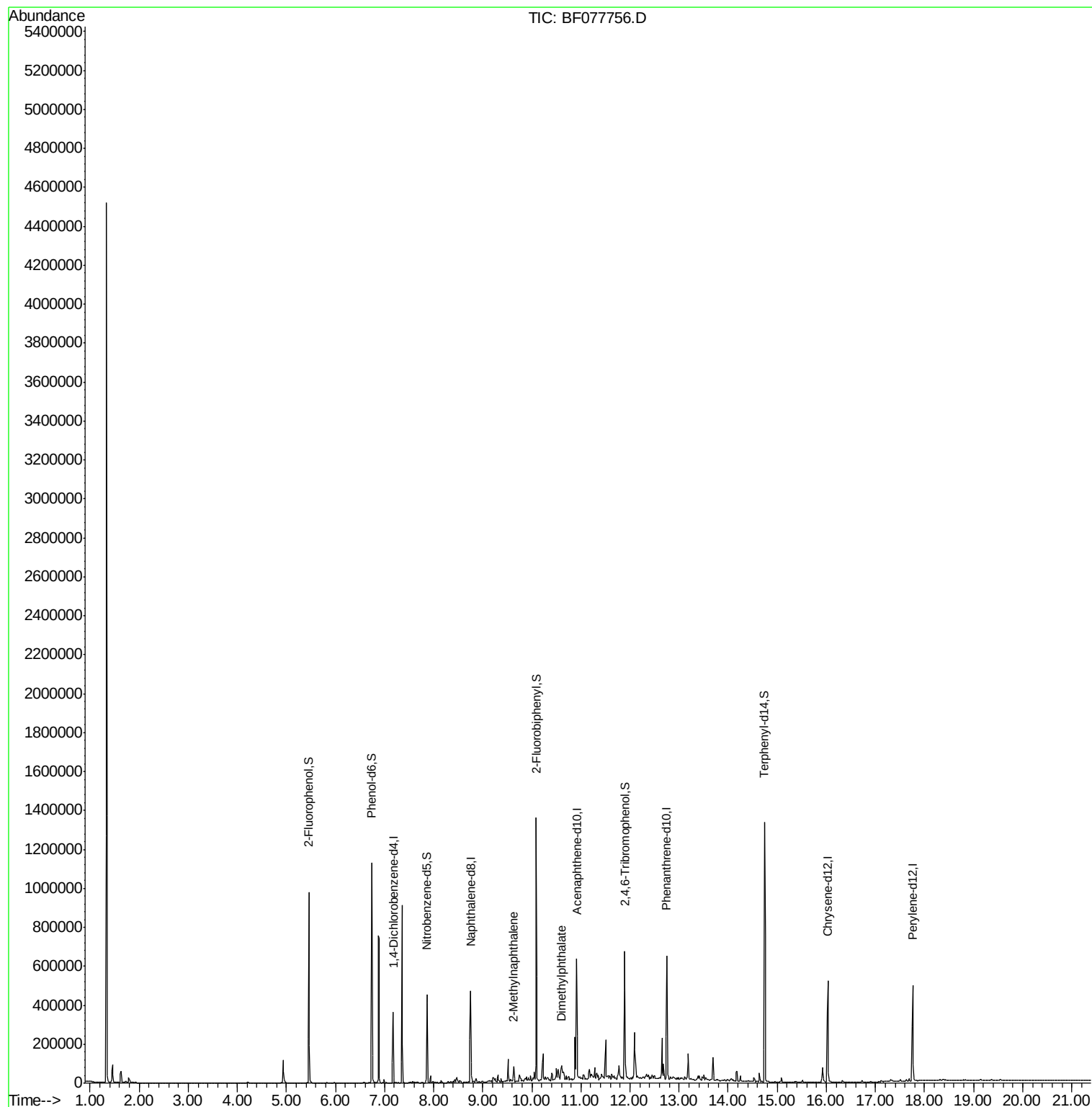
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.17	152	59217	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	244227	20.00	ng	0.00
38) Acenaphthene-d10	10.91	164	124593	20.00	ng	0.00
63) Phenanthrene-d10	12.75	188	250300	20.00	ng	0.00
75) Chrysene-d12	16.03	240	249674	20.00	ng	0.00
86) Perylene-d12	17.76	264	232533	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	299764	88.36	ng	0.00
7) Phenol-d6	6.74	99	384956	91.84	ng	0.00
23) Nitrobenzene-d5	7.86	82	213574	57.32	ng	-0.01
41) 2,4,6-Tribromophenol	11.89	330	96717	81.13	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	485383	57.25	ng	0.00
78) Terphenyl-d14	14.74	244	553256	54.13	ng	-0.01
Target Compounds						Qvalue
37) 2-Methylnaphthalene	9.63	142	19981	2.37	ng	99
49) Dimethylphthalate	10.60	163	29428	3.18	ng	98
76) Benzidine	14.47	184	216	Below Cal	#	68

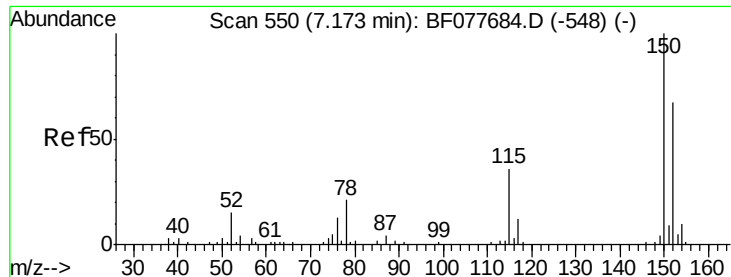
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Mar 17 00:51:27 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.17 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

Instrument :

BNA_F

ClientSampleId :

WC

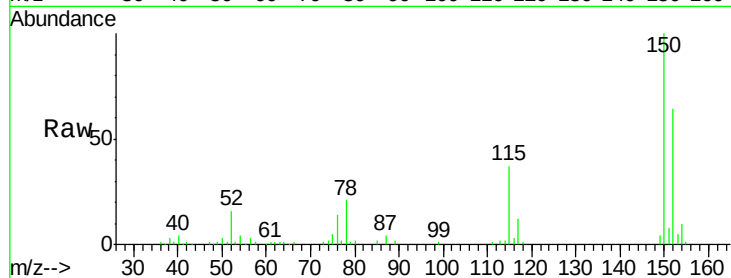
Tgt Ion:152 Resp: 59217

Ion Ratio Lower Upper

152 100

150 155.6 119.5 179.3

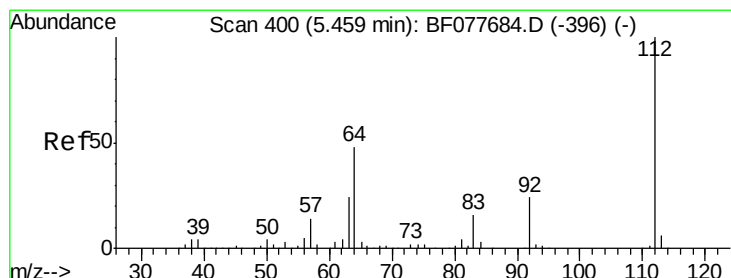
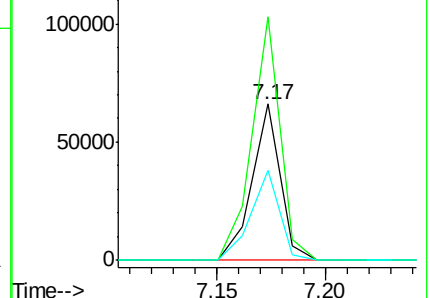
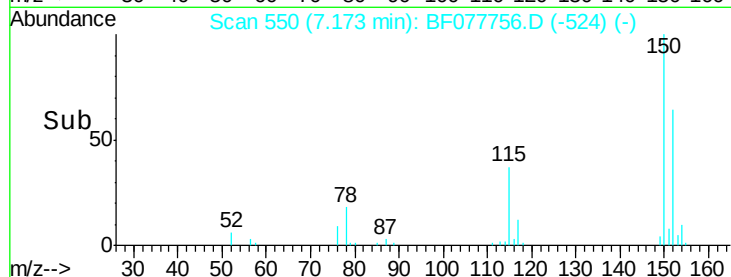
115 57.3 43.0 64.4



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: 88.36 ng

RT: 5.46 min Scan# 400

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

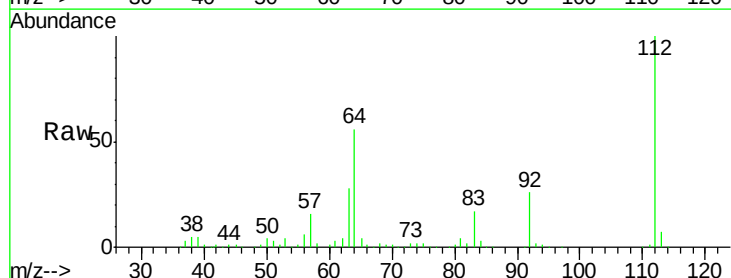
Tgt Ion:112 Resp: 299764

Ion Ratio Lower Upper

112 100

64 56.4 38.6 57.8

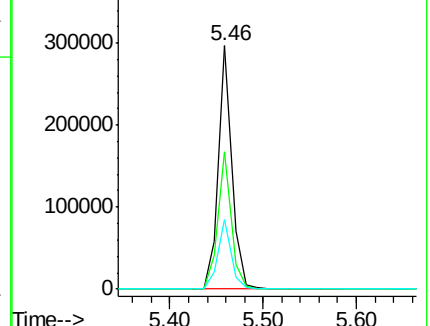
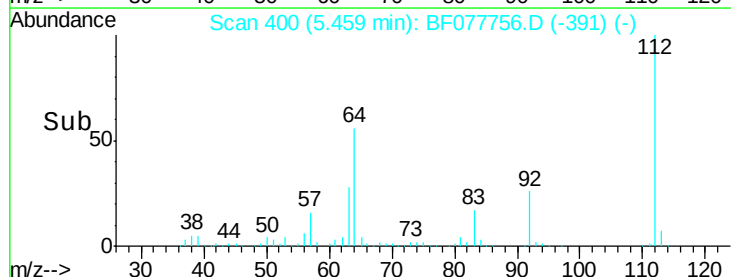
63 28.3 19.3 28.9

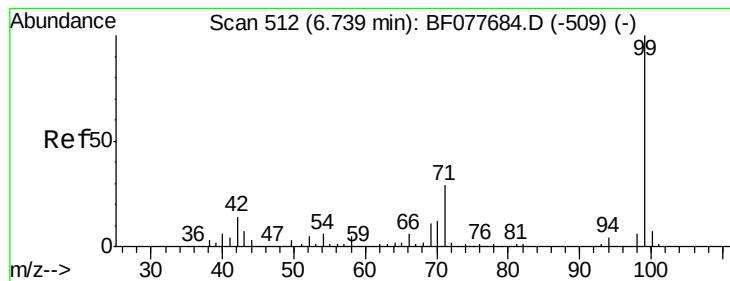


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.84 ng

RT: 6.74 min Scan# 512

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

Instrument :

BNA_F

ClientSampled :

WC

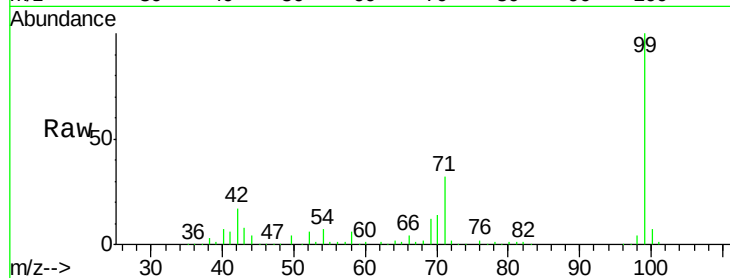
Tgt Ion: 99 Resp: 384956

Ion Ratio Lower Upper

99 100

42 16.6 11.0 16.4#

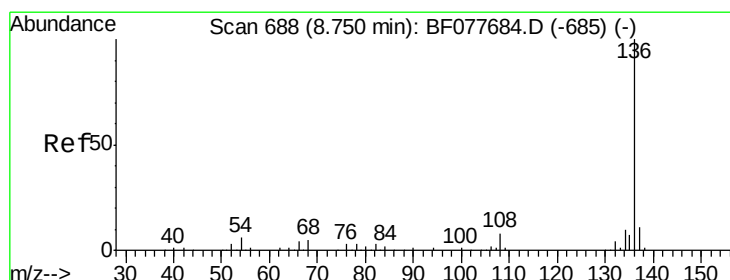
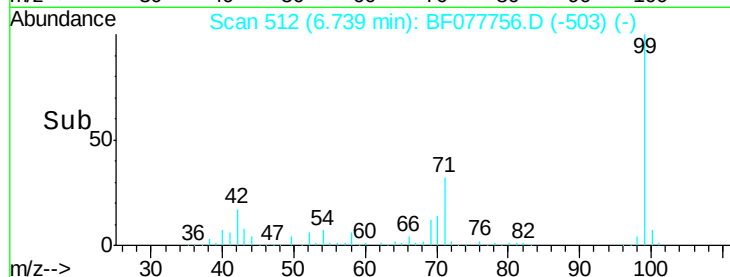
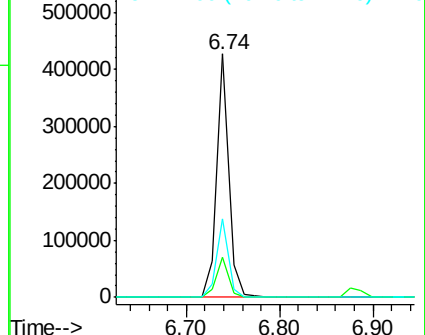
71 32.1 23.4 35.2



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: 8.75 min Scan# 688

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

Tgt Ion: 136 Resp: 244227

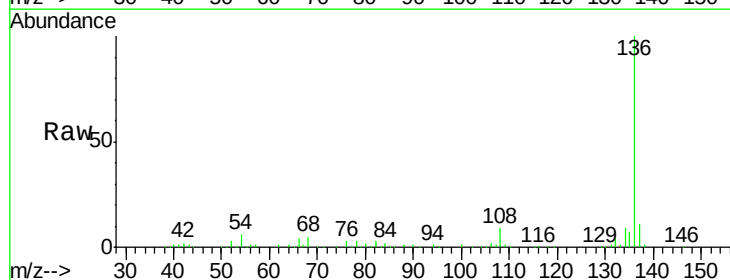
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 6.0 4.6 6.8

68 5.0 3.7 5.5

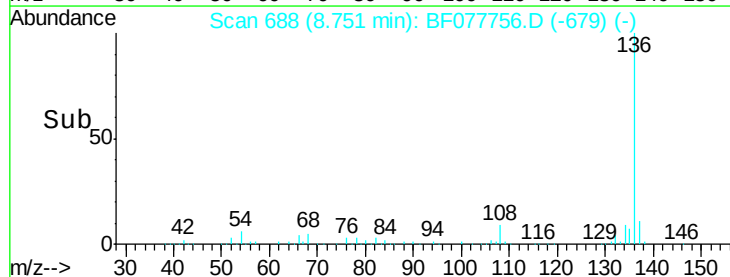
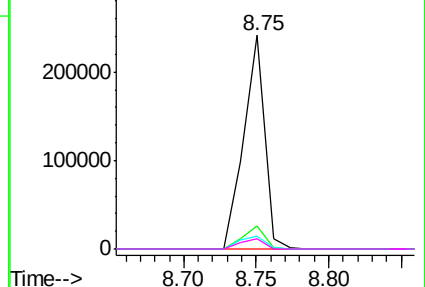


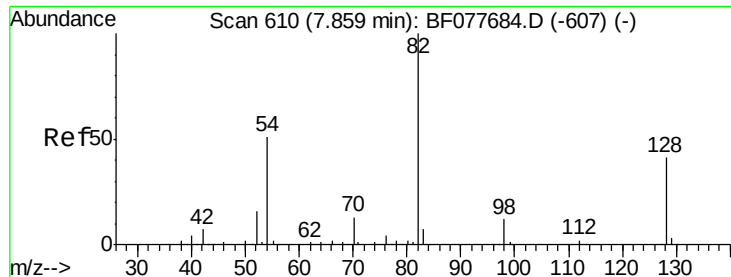
Abundance Ion 136.00 (135.70 to 136.70): E

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: 57.32 ng

RT: 7.86 min Scan# 610

Delta R.T. -0.01 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

Instrument :

BNA_F

ClientSampleId :

WC

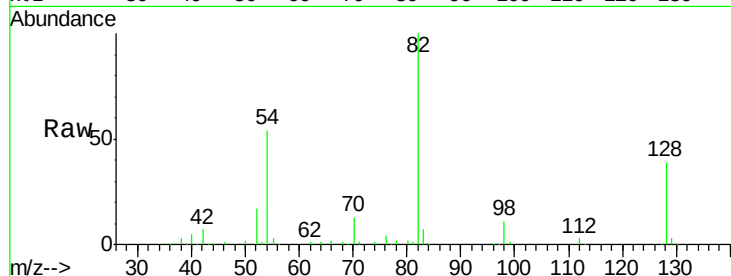
Tgt Ion: 82 Resp: 213574

Ion Ratio Lower Upper

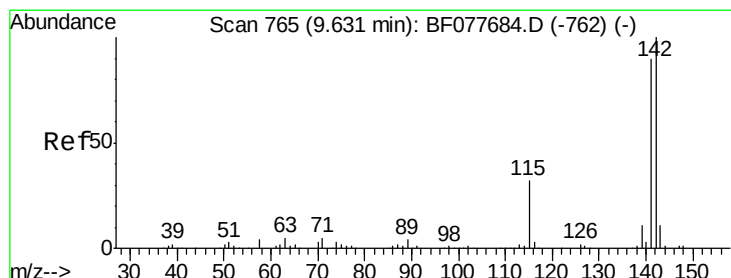
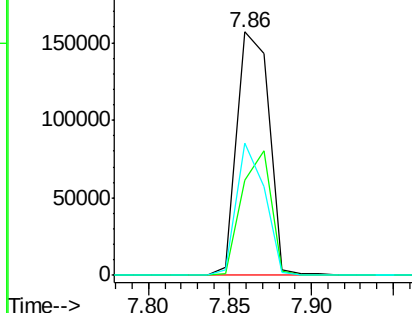
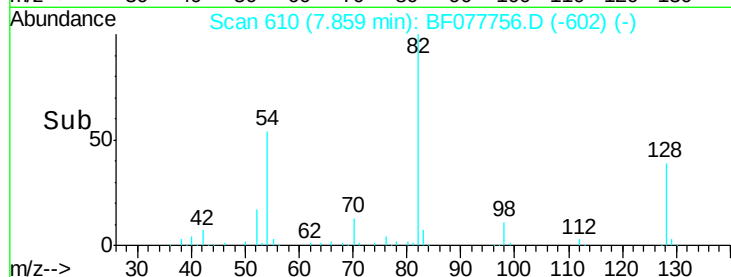
82 100

128 39.1 32.8 49.2

54 54.2 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#37

2-Methylnaphthalene

Concen: 2.37 ng

RT: 9.63 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

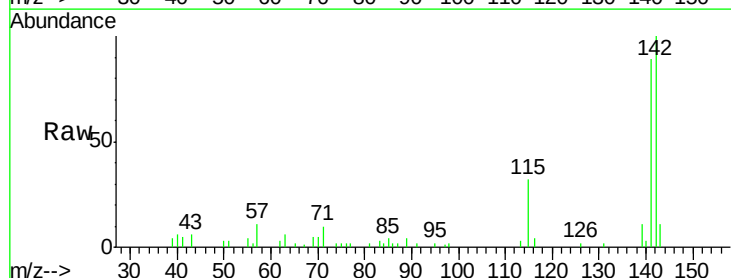
Tgt Ion: 142 Resp: 19981

Ion Ratio Lower Upper

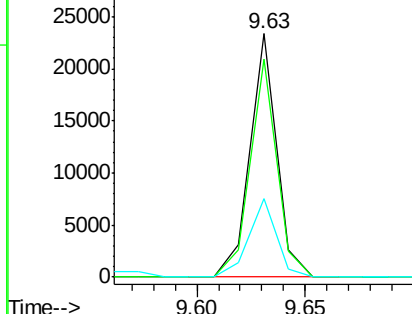
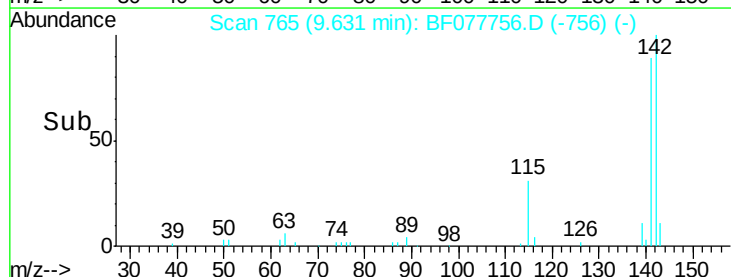
142 100

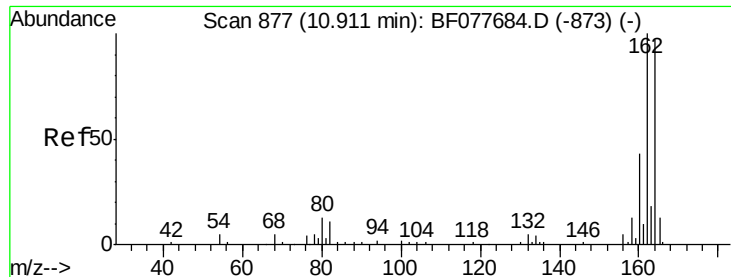
141 89.4 71.9 107.9

115 32.3 25.4 38.0



Abundance Ion 142.00 (141.70 to 142.70): B
Ion 141.00 (140.70 to 141.70): B
Ion 115.00 (114.70 to 115.70): B

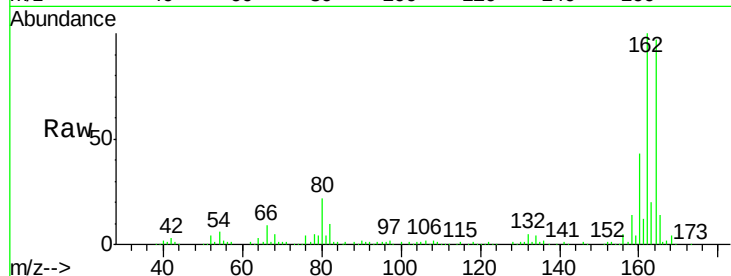




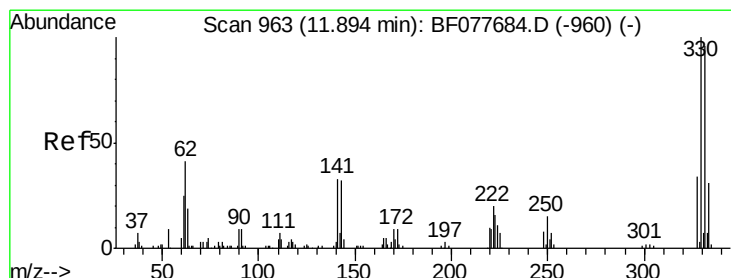
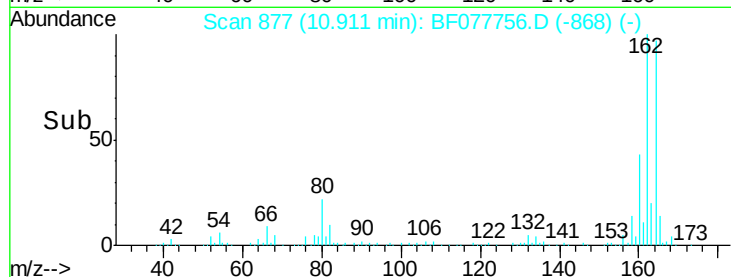
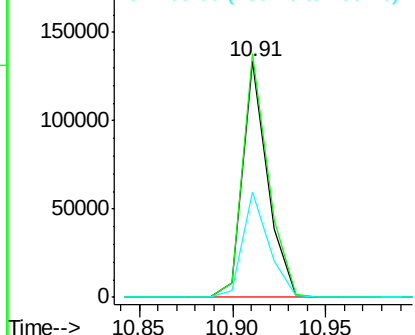
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.91 min Scan# 877
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

Instrument :
BNA_F
ClientSampleId :
WC

Tgt Ion:164 Resp: 124593
Ion Ratio Lower Upper
164 100
162 103.4 82.4 123.6
160 44.6 35.8 53.6

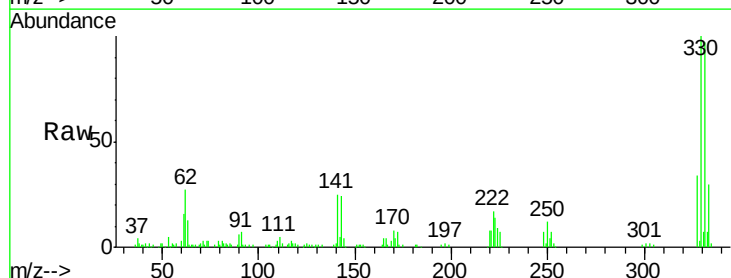


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

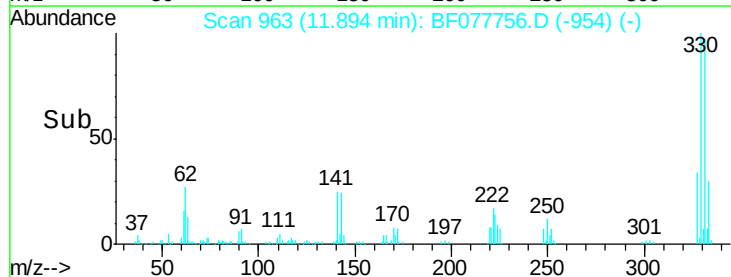
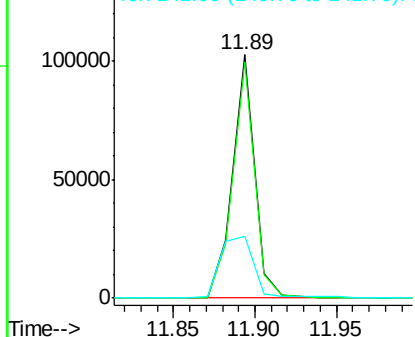


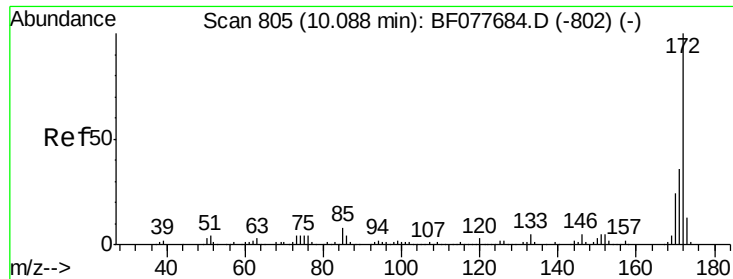
#41
2,4,6-Tribromophenol
Concen: 81.13 ng
RT: 11.89 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

Tgt Ion:330 Resp: 96717
Ion Ratio Lower Upper
330 100
332 95.6 0.0 0.0#
141 38.8 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

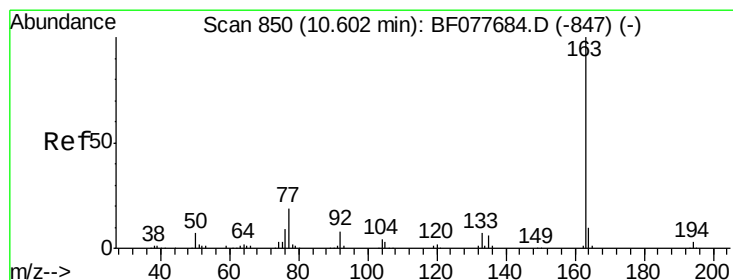
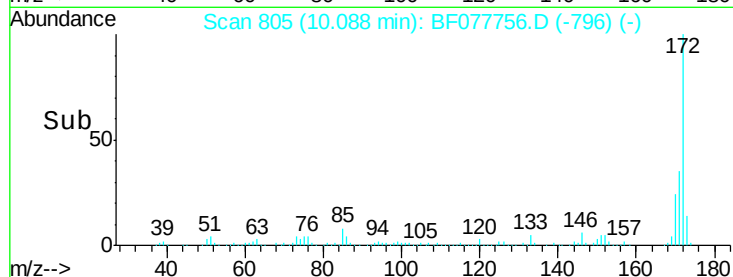
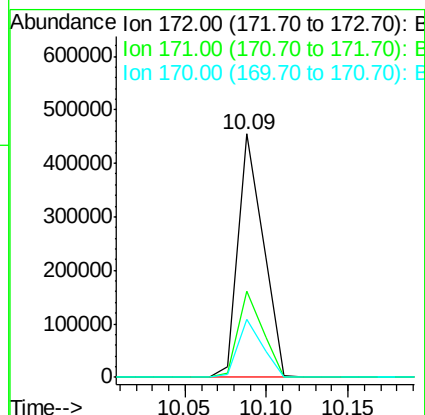
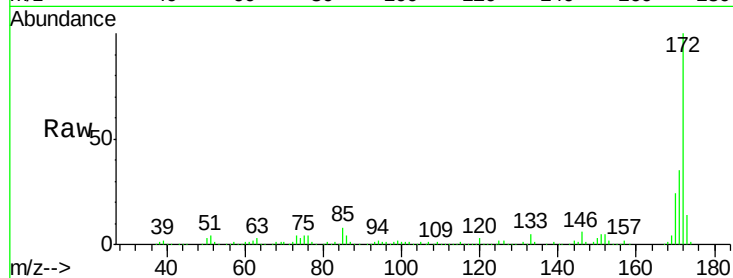




#44
2-Fluorobiphenyl
Concen: 57.25 ng
RT: 10.09 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

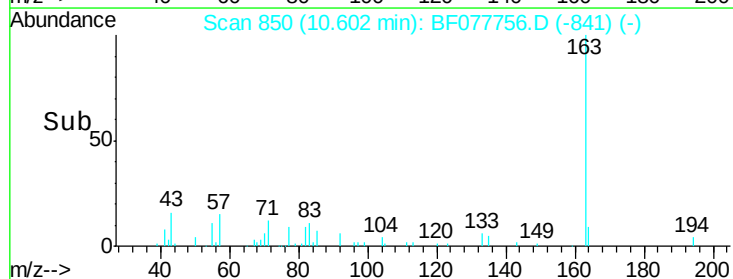
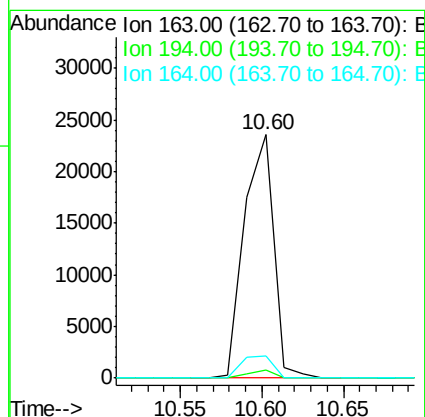
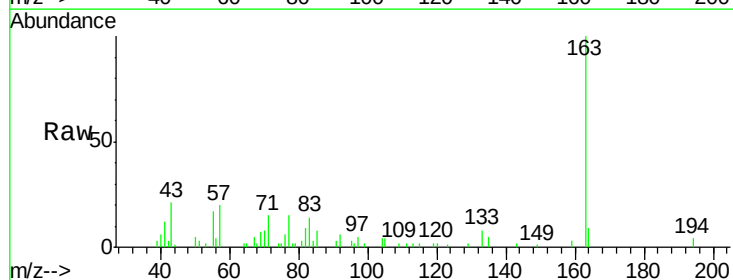
Instrument :
BNA_F
ClientSampleId :
WC

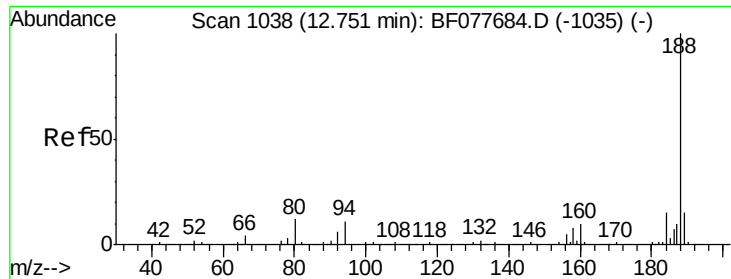
Tgt Ion:172 Resp: 485383
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.8 18.8 28.2



#49
Dimethylphthalate
Concen: 3.18 ng
RT: 10.60 min Scan# 850
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

Tgt Ion:163 Resp: 29428
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 9.2 8.2 12.2

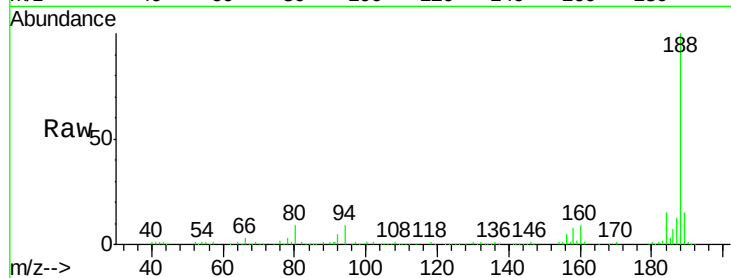




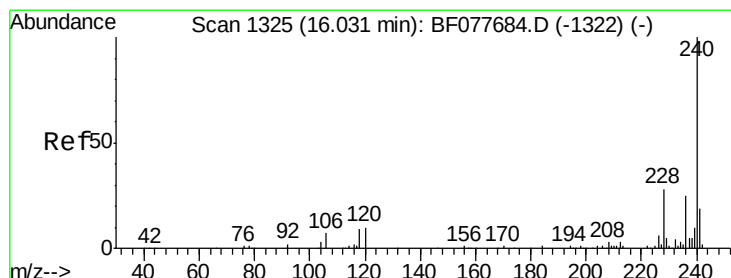
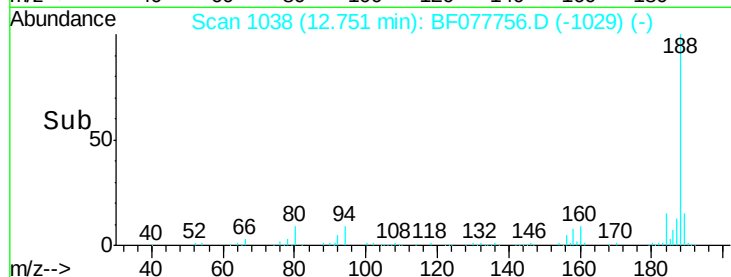
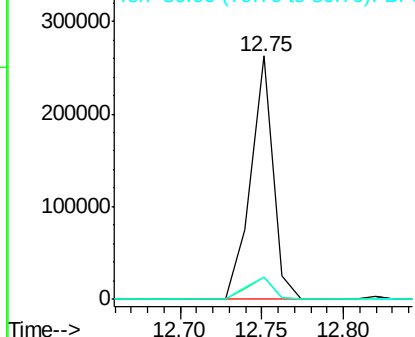
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.75 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

Instrument :
BNA_F
ClientSampleId :
WC

Tgt Ion:188 Resp: 250300
Ion Ratio Lower Upper
188 100
94 9.0 8.7 13.1
80 8.9 9.3 13.9#

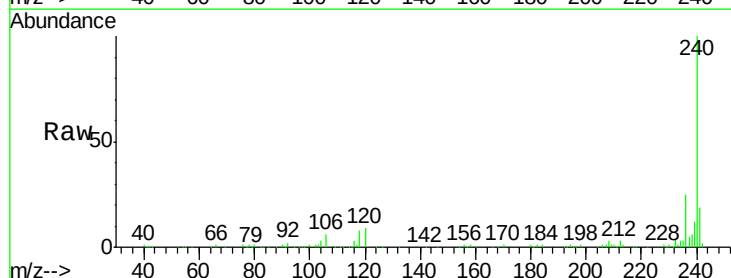


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

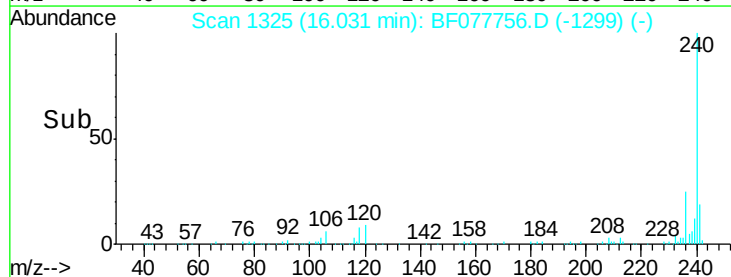
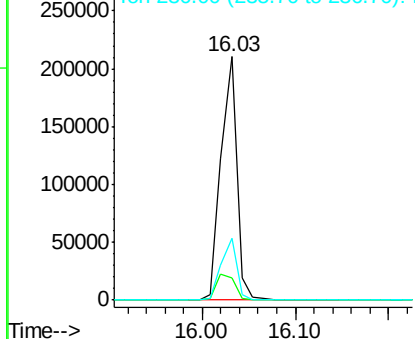


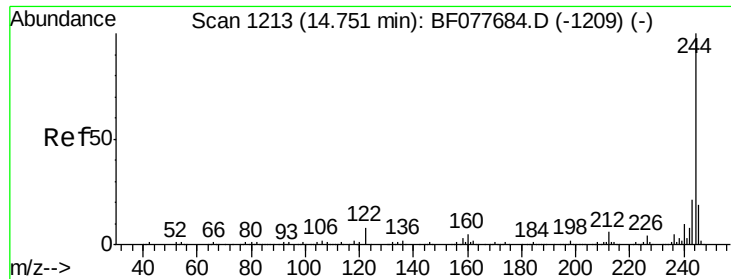
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.03 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF077756.D
Acq: 16 Mar 2015 16:48

Tgt Ion:240 Resp: 249674
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.2
236 25.4 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: 54.13 ng

RT: 14.74 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

Instrument :

BNA_F

ClientSampleId :

WC

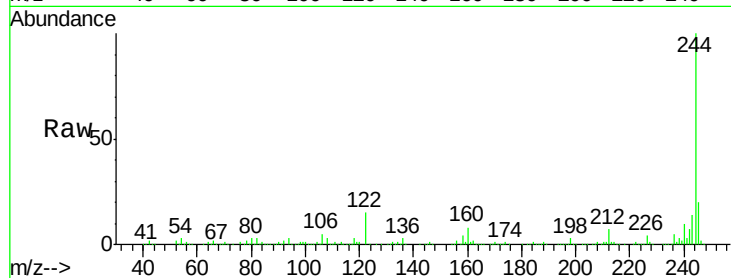
Tgt Ion:244 Resp: 553256

Ion Ratio Lower Upper

244 100

212 6.9 4.9 7.3

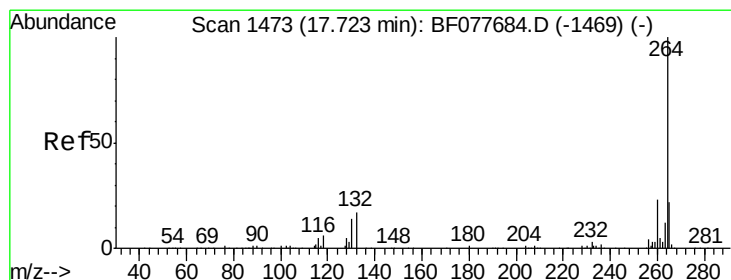
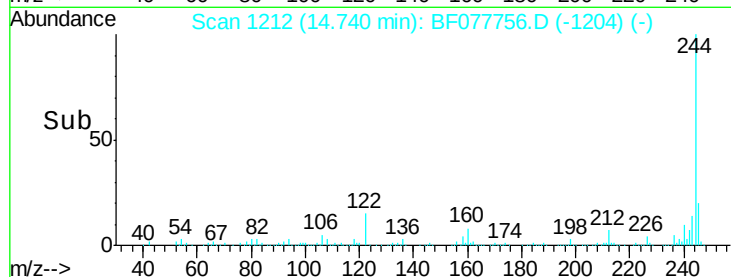
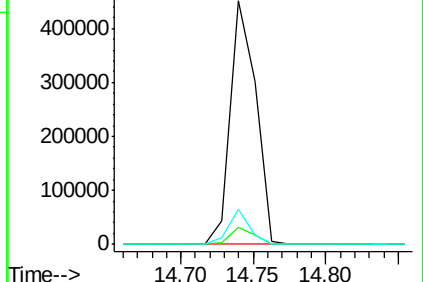
122 14.6 6.2 9.4#



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: 17.76 min Scan# 1476

Delta R.T. 0.00 min

Lab File: BF077756.D

Acq: 16 Mar 2015 16:48

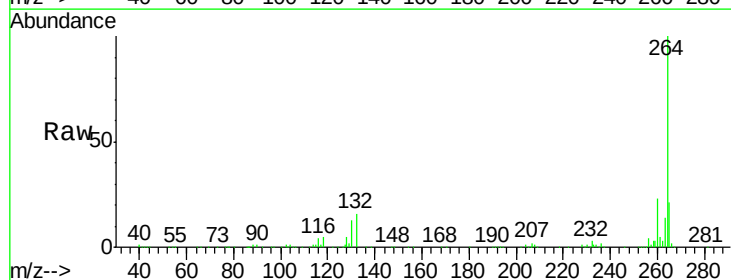
Tgt Ion:264 Resp: 232533

Ion Ratio Lower Upper

264 100

260 23.1 18.6 27.8

265 21.2 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

