

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092577.D
 Acq On : 27 Jan 2017 15:11
 Operator : SJ/MA
 Sample : I1353-03RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12RE

Quant Time: Jan 27 16:42:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

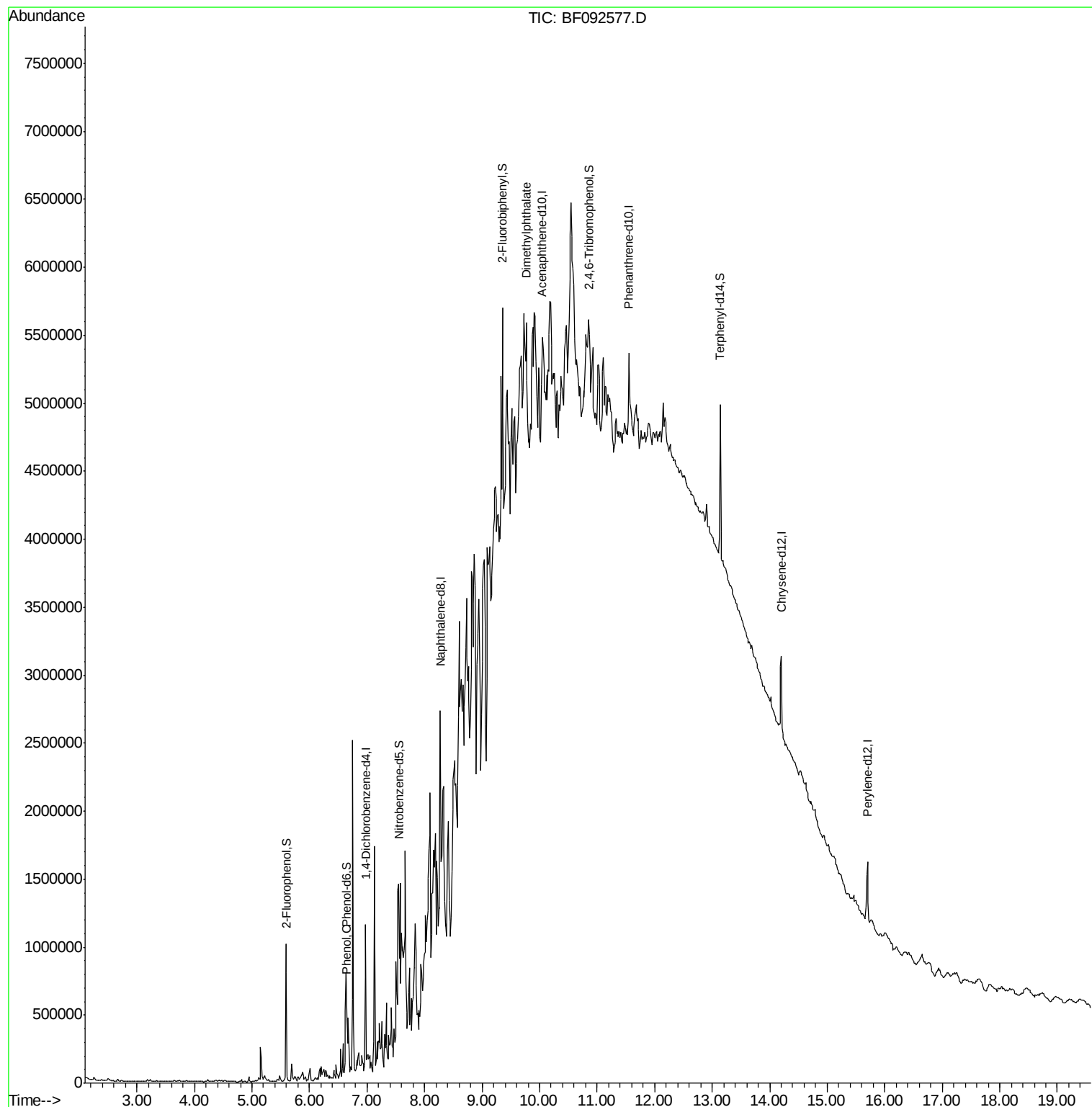
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	180680	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	630933	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	229630	20.00	ng	0.01
63) Phenanthrene-d10	11.55	188	304831	20.00	ng	0.02
75) Chrysene-d12	14.20	240	353381	20.00	ng	0.03
86) Perylene-d12	15.70	264	275964	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	370097	31.87	ng	0.05
7) Phenol-d6	6.64	99	313943	21.22	ng	0.05
23) Nitrobenzene-d5	7.55	82	591671	51.23	ng	0.01
41) 2,4,6-Tribromophenol	10.86	330	113203	72.34	ng	0.05
44) 2-Fluorobiphenyl	9.36	172	688336	55.43	ng	0.00
78) Terphenyl-d14	13.14	244	538013	40.54	ng	0.02
Target Compounds						
10) Phenol	6.65	94	98496	5.52	ng	# 71
49) Dimethylphthalate	9.77	163	49425	3.38	ng	# 48

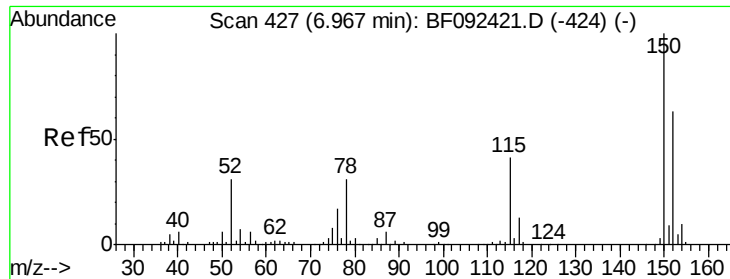
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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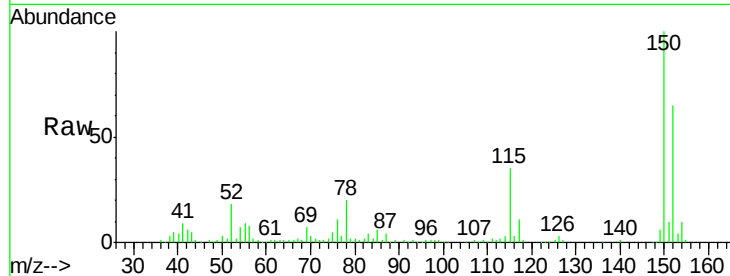


#1

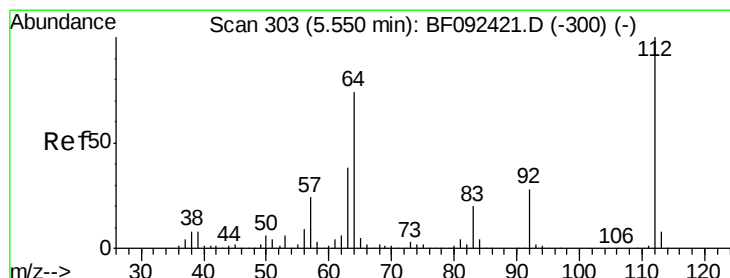
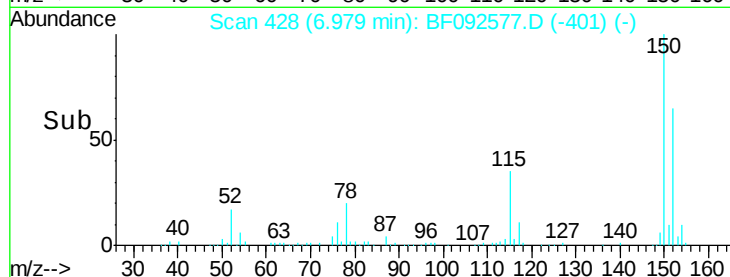
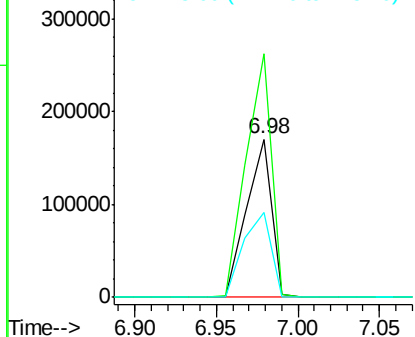
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.98 min Scan# 428
 Delta R.T. 0.01 min
 Lab File: BF092577.D
 Acq: 27 Jan 2017 15:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-12RE

Tot Ion:152 Resp: 180680
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.9 187.3
 115 53.6 46.0 69.0



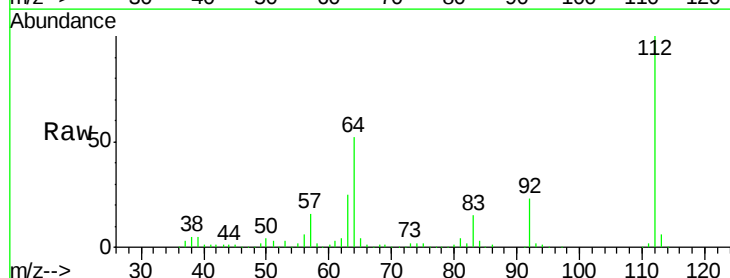
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



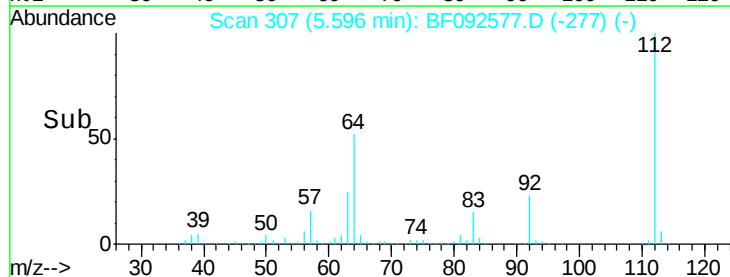
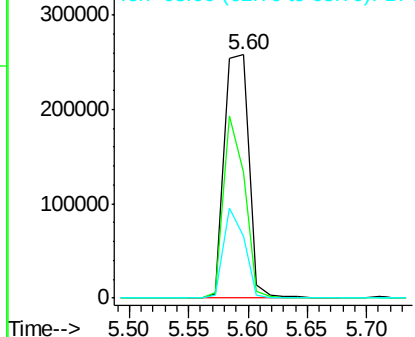
#5

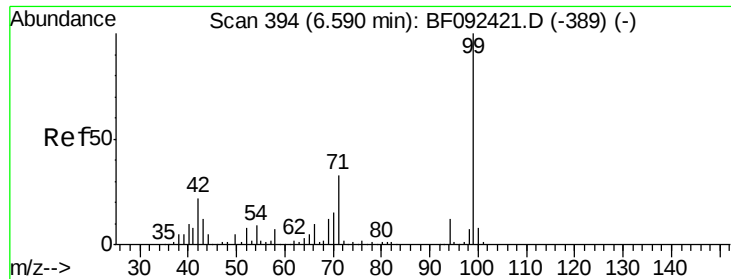
2-Fluorophenol
 Concen: 31.87 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092577.D
 Acq: 27 Jan 2017 15:11

Tgt Ion:112 Resp: 370097
 Ion Ratio Lower Upper
 112 100
 64 51.7 46.1 69.1
 63 25.4 23.8 35.6



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: 21.22 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.05 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

Instrument :

BNA_F

ClientSampled :

MW-12RE

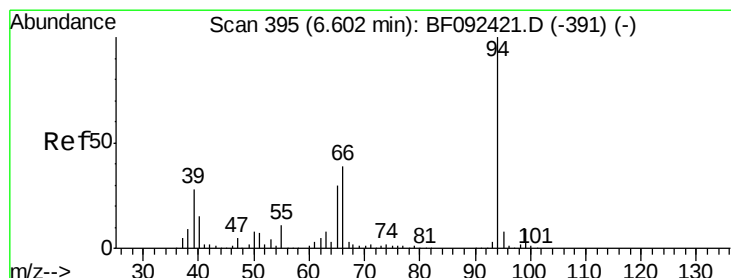
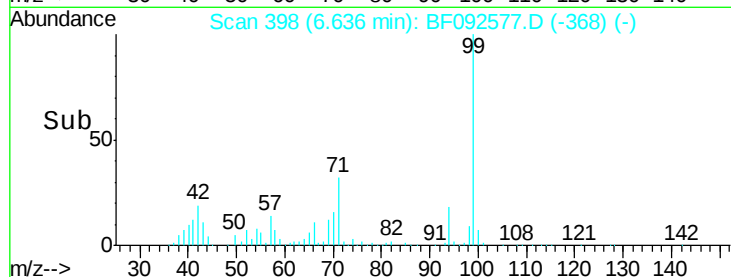
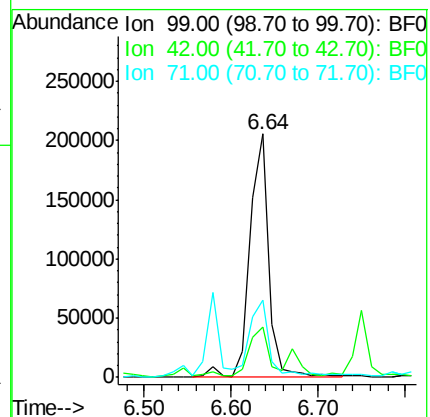
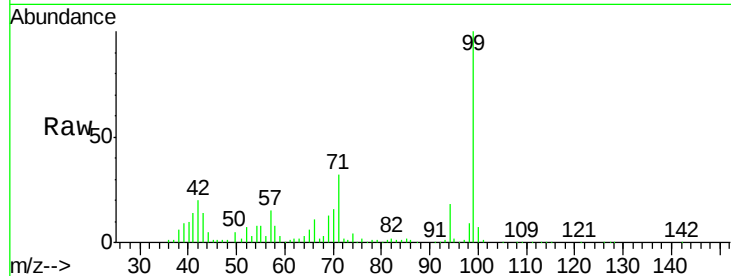
Tot Ion: 99 Resp: 313943

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

71 31.9 27.5 41.3



#10

Phenol

Concen: 5.52 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.05 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

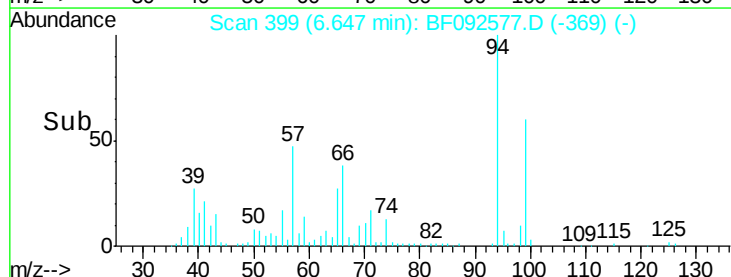
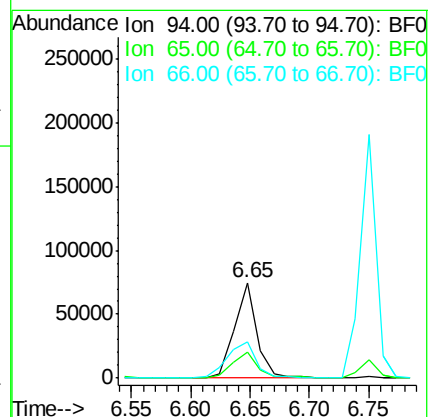
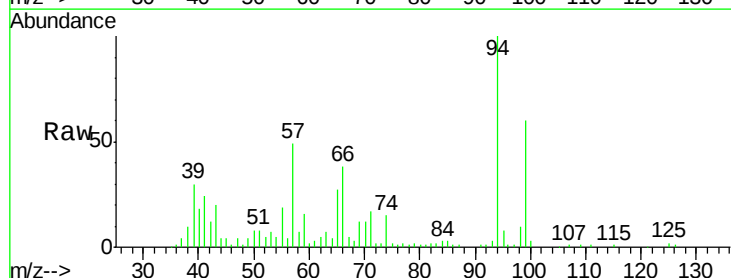
Tgt Ion: 94 Resp: 98496

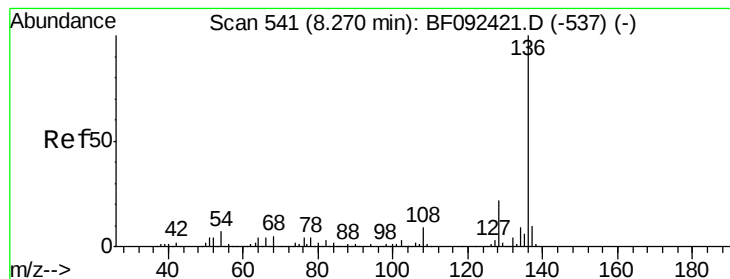
Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

66 37.8 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

Instrument :

BNA_F

ClientSampleId :

MW-12RE

Tot Ion:136 Resp: 630933

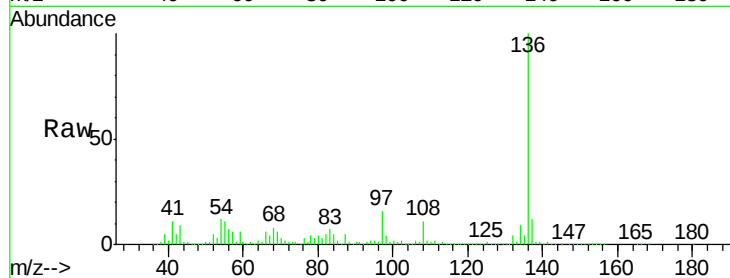
Ion Ratio Lower Upper

136 100

137 11.8 8.4 12.6

54 11.6 4.5 6.7#

68 8.3 3.6 5.4#

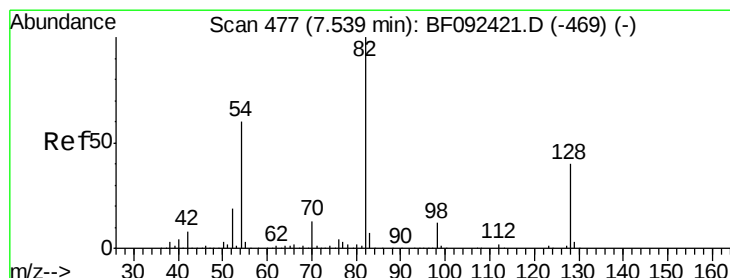
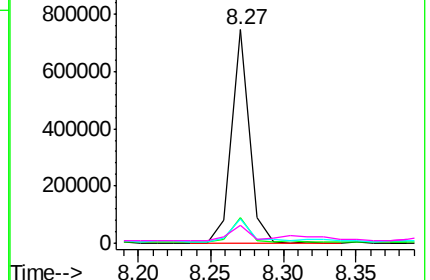
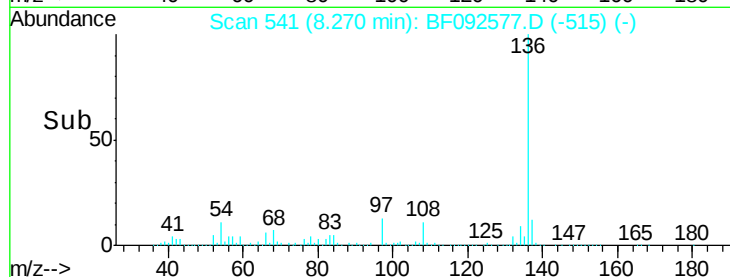


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.23 ng

RT: 7.55 min Scan# 478

Delta R.T. 0.01 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

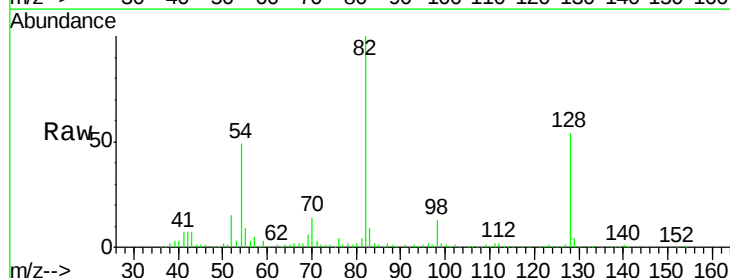
Tgt Ion: 82 Resp: 591671

Ion Ratio Lower Upper

82 100

128 53.7 34.6 52.0#

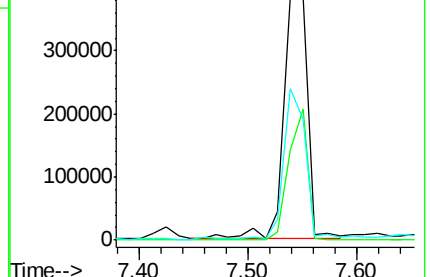
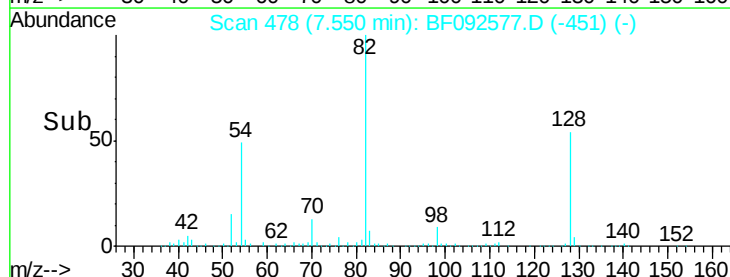
54 49.4 39.5 59.3

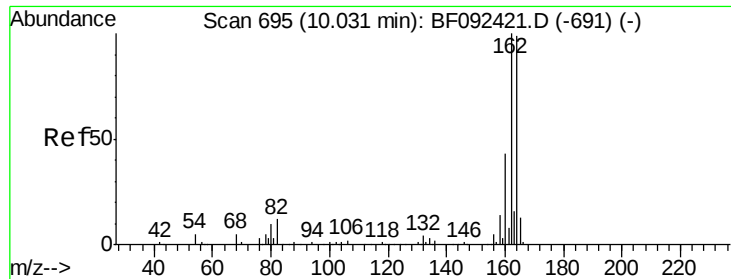


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.04 min Scan# 696

Delta R.T. 0.01 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

Instrument :

BNA_F

ClientSampleId :

MW-12RE

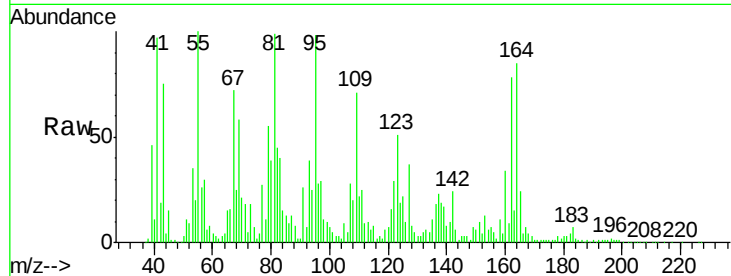
Tot Ion:164 Resp: 229630

Ion Ratio Lower Upper

164 100

162 92.6 80.2 120.2

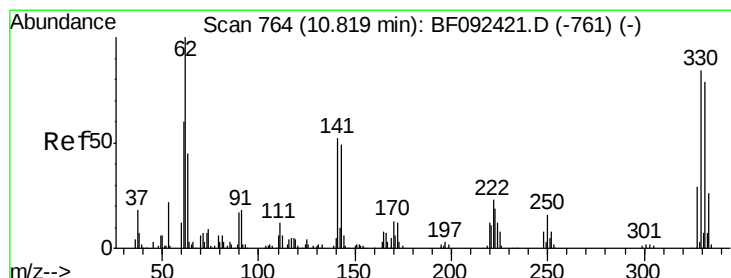
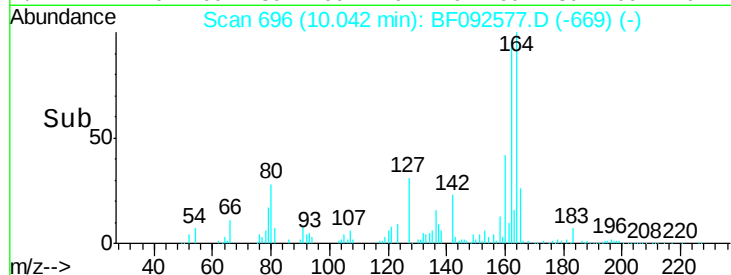
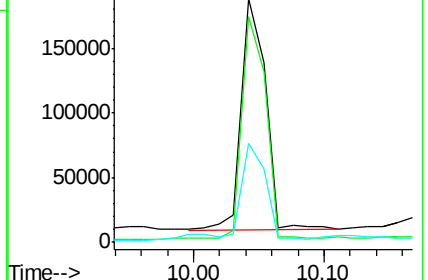
160 40.4 36.9 55.3



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: 72.34 ng

RT: 10.86 min Scan# 768

Delta R.T. 0.05 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

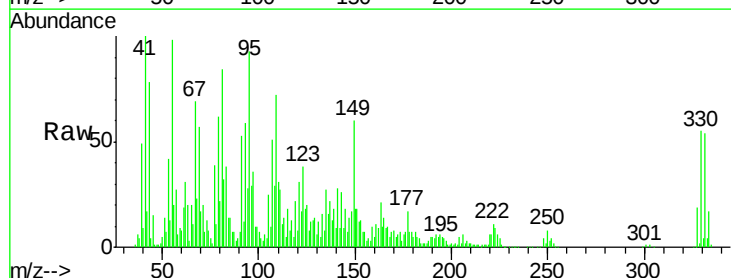
Tgt Ion:330 Resp: 113203

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

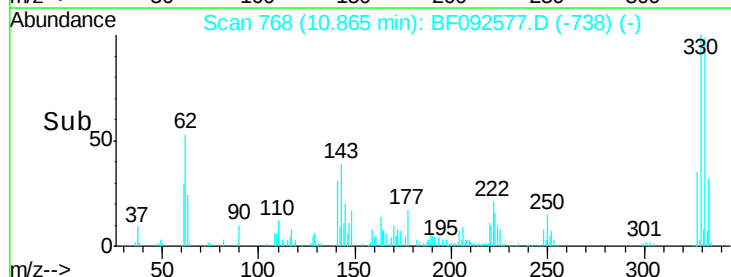
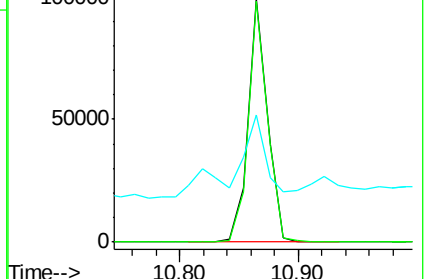
141 30.9 34.1 51.1#

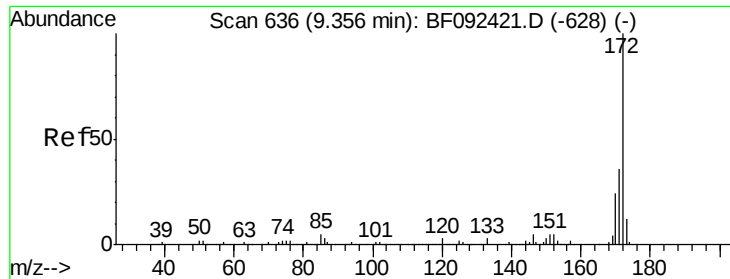


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 55.43 ng

RT: 9.36 min Scan# 636

Delta R.T. 0.00 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

Instrument :

BNA_F

ClientSampleId :

MW-12RE

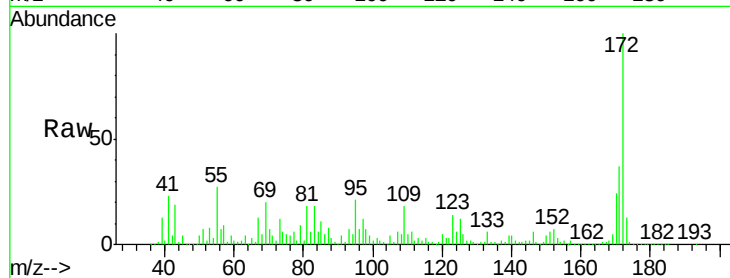
Tot Ion:172 Resp: 688336

Ion Ratio Lower Upper

172 100

171 36.6 29.4 44.0

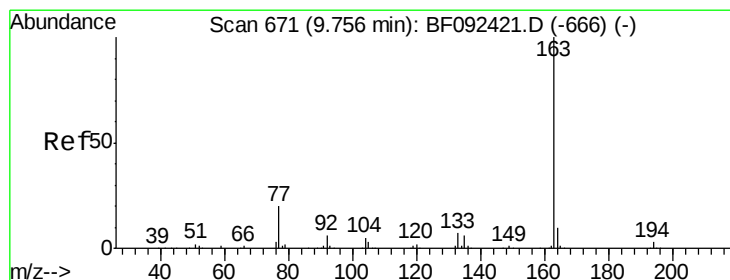
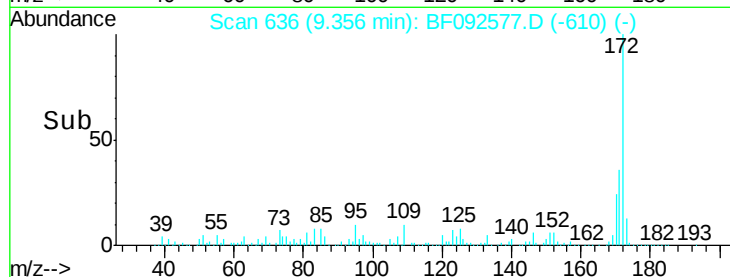
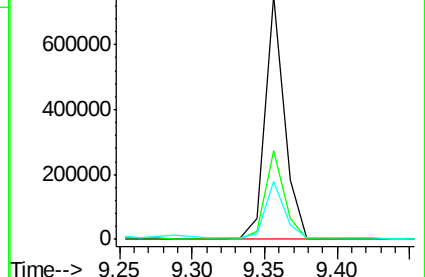
170 24.1 20.2 30.4



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: 3.38 ng

RT: 9.77 min Scan# 672

Delta R.T. 0.01 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

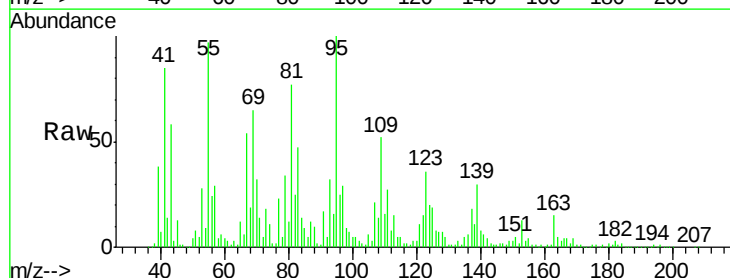
Tgt Ion:163 Resp: 49425

Ion Ratio Lower Upper

163 100

194 5.0 3.0 4.4#

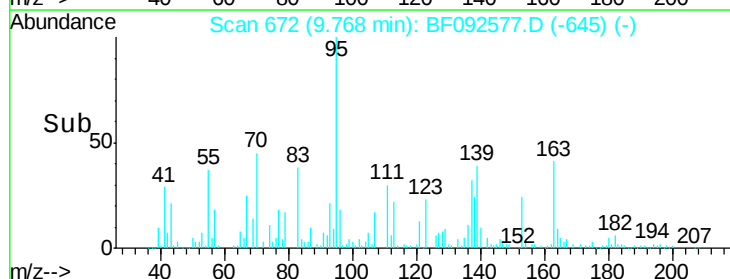
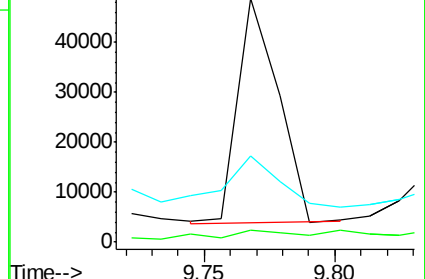
164 35.6 8.0 12.0#

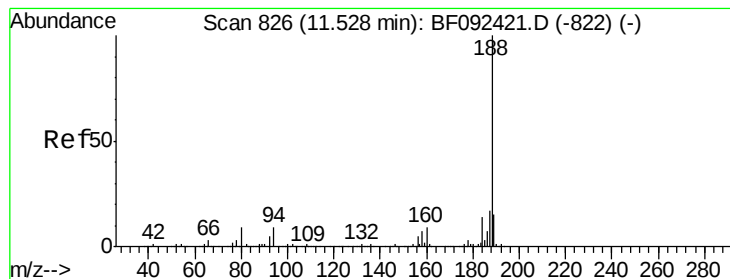


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.55 min Scan# 828

Delta R.T. 0.02 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

Instrument :

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MW-12RE

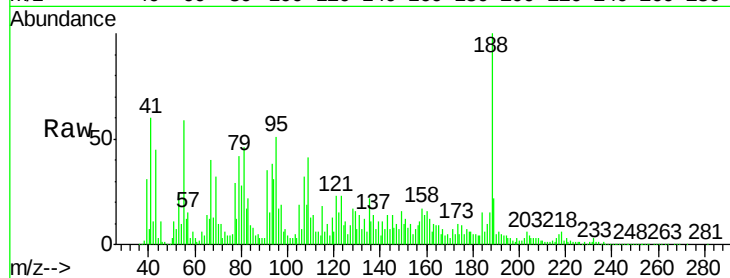
Tot Ion:188 Resp: 304831

Ion Ratio Lower Upper

188 100

94 30.8 10.0 15.0#

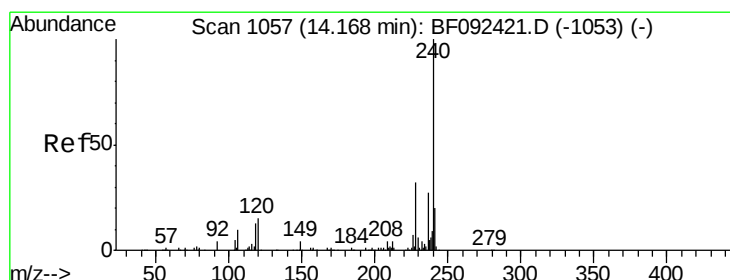
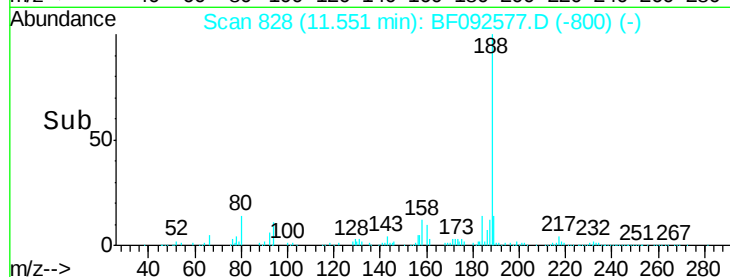
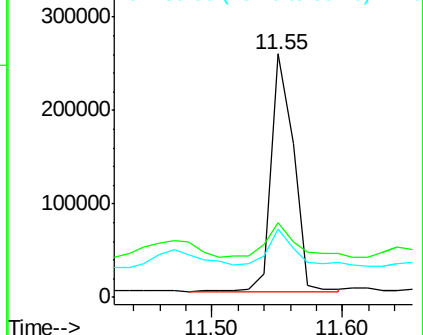
80 28.1 11.2 16.8#



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: 20.00 ng

RT: 14.20 min Scan# 1060

Delta R.T. 0.03 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

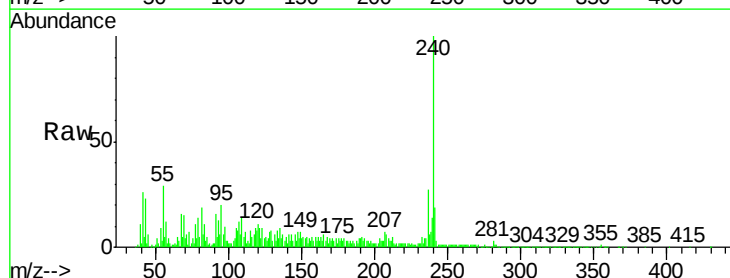
Tgt Ion:240 Resp: 353381

Ion Ratio Lower Upper

240 100

120 10.6 12.9 19.3#

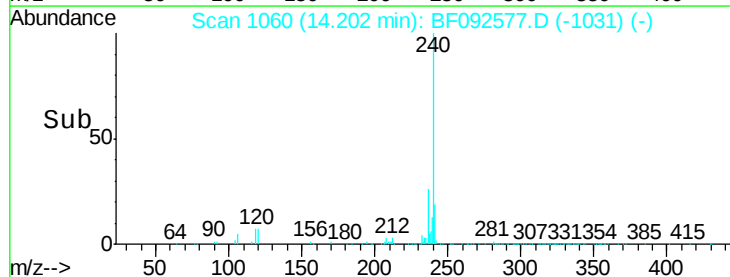
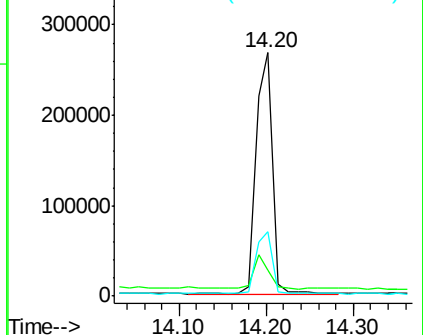
236 26.5 20.9 31.3

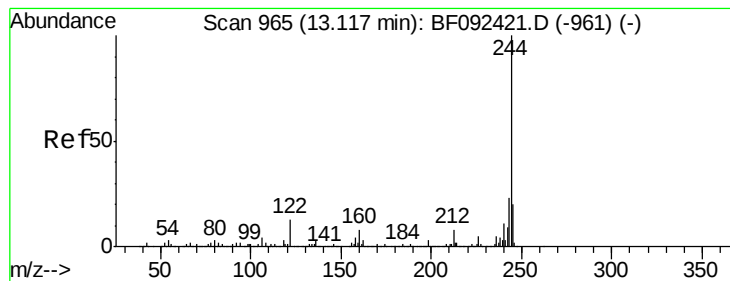


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 40.54 ng

RT: 13.14 min Scan# 967

Delta R.T. 0.02 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

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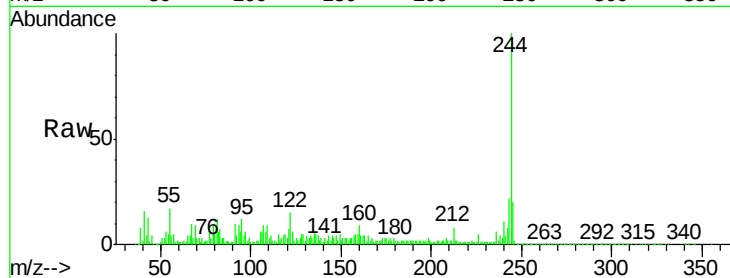
Tot Ion:244 Resp: 538013

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

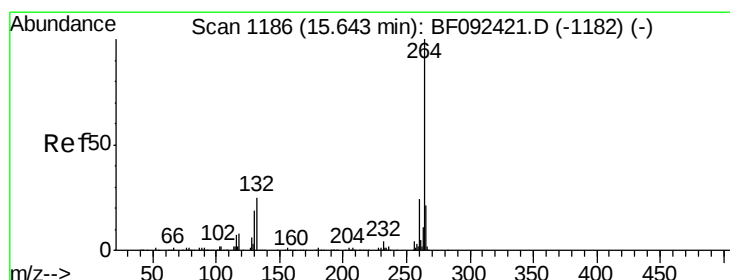
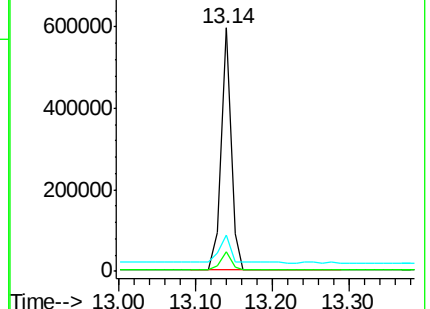
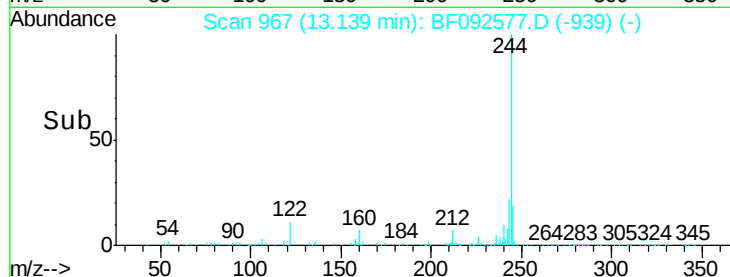
122 14.8 11.4 17.2



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: 15.70 min Scan# 1191

Delta R.T. 0.06 min

Lab File: BF092577.D

Acq: 27 Jan 2017 15:11

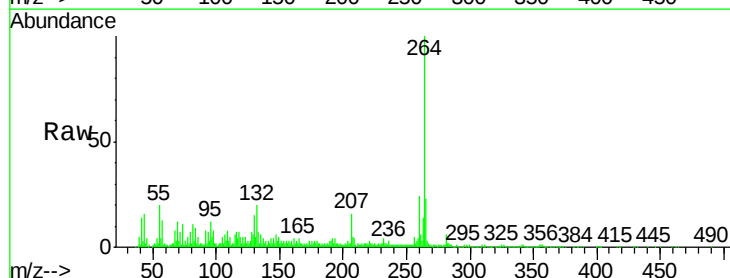
Tgt Ion:264 Resp: 275964

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 22.8 17.4 26.0



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

