

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010417\
 Data File : BF092082.D
 Acq On : 4 Jan 2017 21:50
 Operator : UM/SJ
 Sample : I1004-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Quant Time: Jan 05 00:50:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 05 00:16:49 2017
 Response via : Initial Calibration

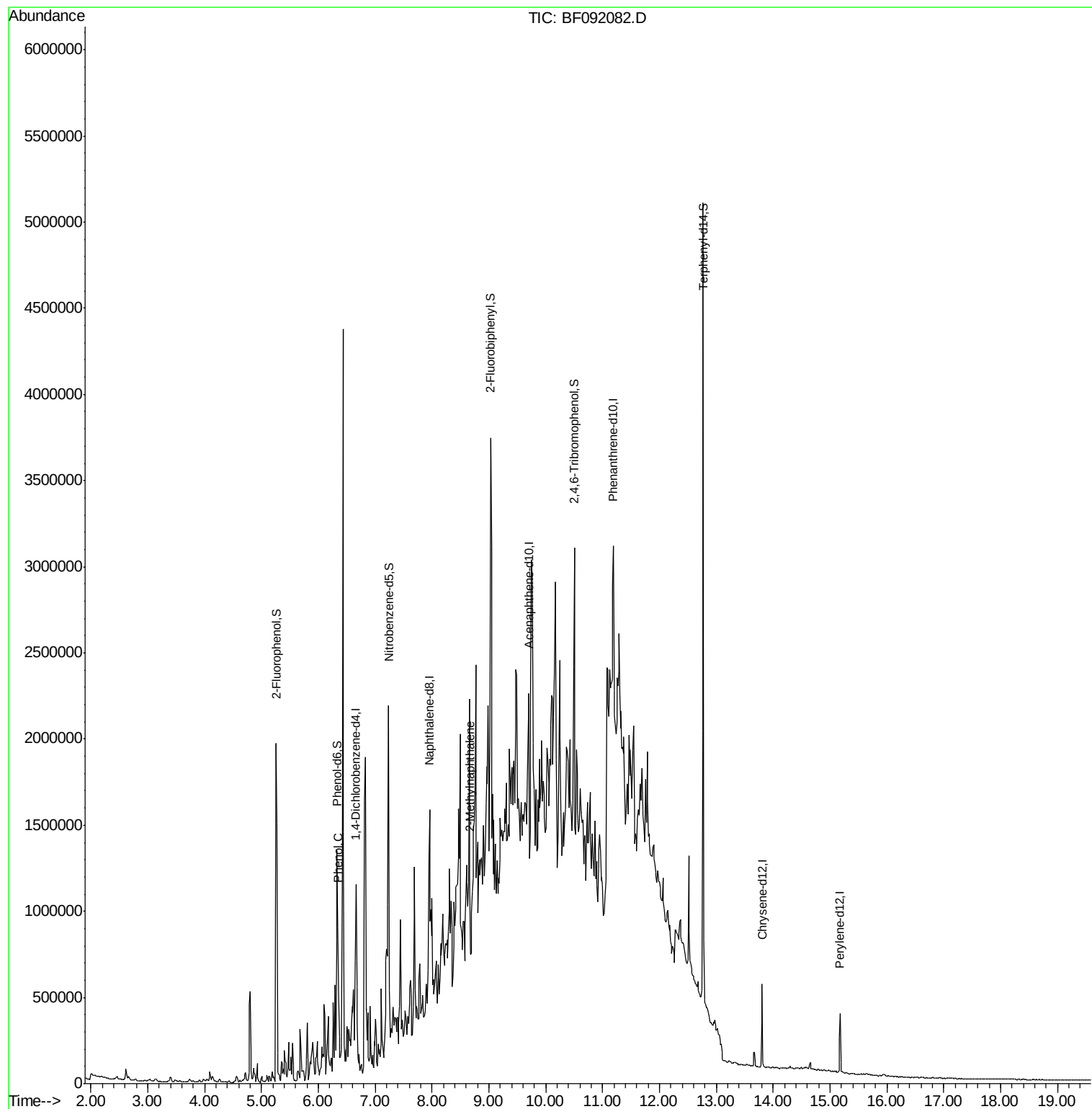
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	153247	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	318248	20.00	ng	0.00
38) Acenaphthene-d10	9.70	164	244768	20.00	ng	0.00
63) Phenanthrene-d10	11.19	188	505634	20.00	ng	0.01
75) Chrysene-d12	13.81	240	193573	20.00	ng	0.00
86) Perylene-d12	15.18	264	157884	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	747379	81.43	ng	0.00
7) Phenol-d6	6.33	99	668038	59.62	ng	0.00
23) Nitrobenzene-d5	7.24	82	644974	112.69	ng	0.00
41) 2,4,6-Tribromophenol	10.50	330	225497	111.32	ng	0.01
44) 2-Fluorobiphenyl	9.03	172	1003277	83.80	ng	0.00
78) Terphenyl-d14	12.77	244	1500236	187.96	ng	0.00
Target Compounds						
10) Phenol	6.34	94	104466	8.18	ng	81
37) 2-Methylnaphthalene	8.66	142	62117	5.03	ng	# 91

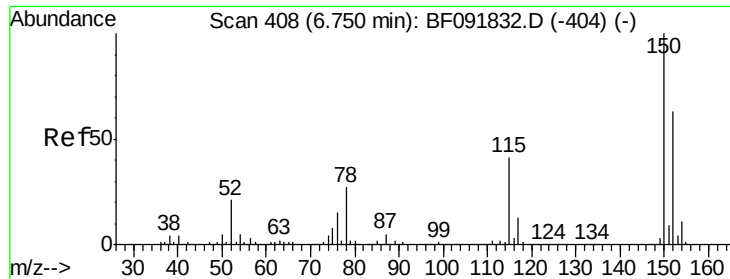
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampleId :

MW-36

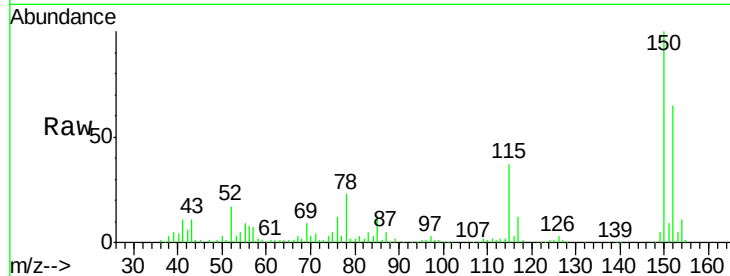
Tot Ion:152 Resp: 153247

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

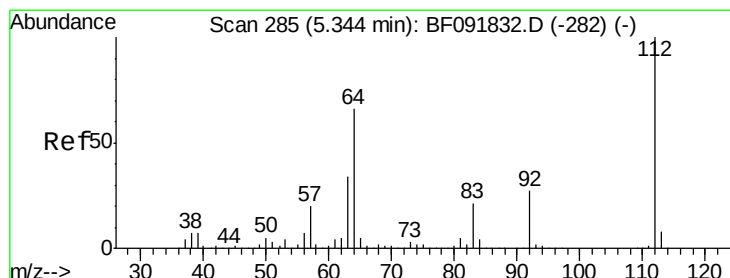
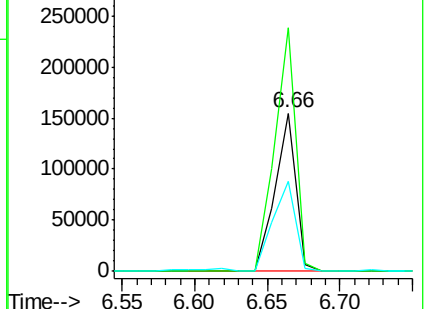
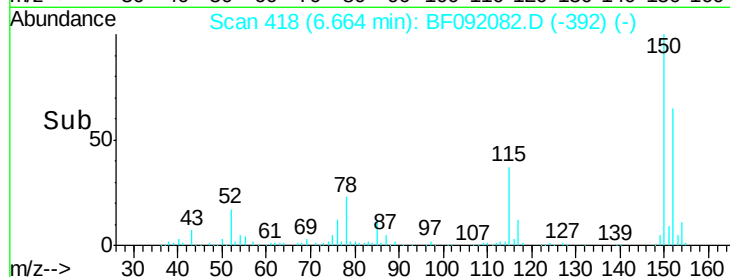
115 57.0 46.0 69.0



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: 81.43 ng

RT: 5.26 min Scan# 295

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

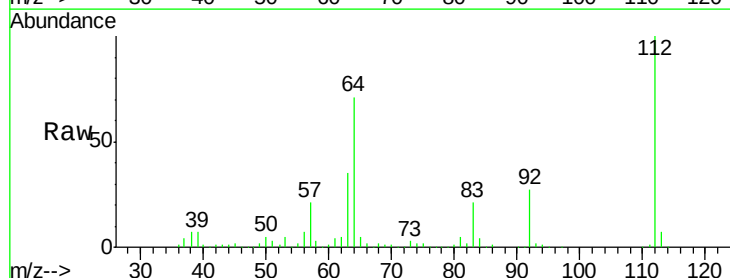
Tgt Ion:112 Resp: 747379

Ion Ratio Lower Upper

112 100

64 70.7 46.1 69.1#

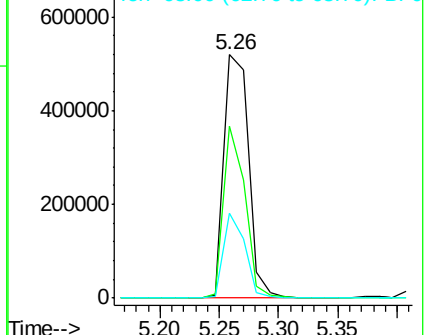
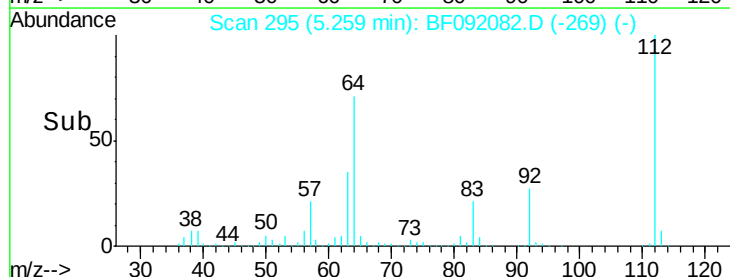
63 34.8 23.8 35.6

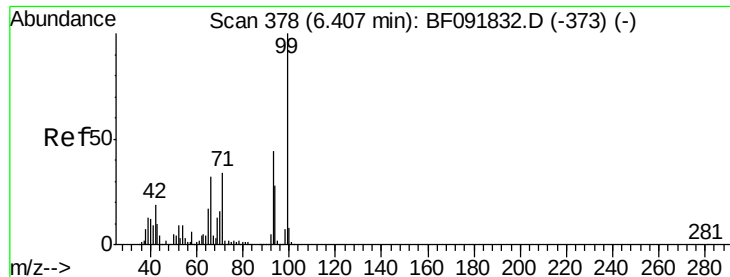


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 59.62 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampled :

MW-36

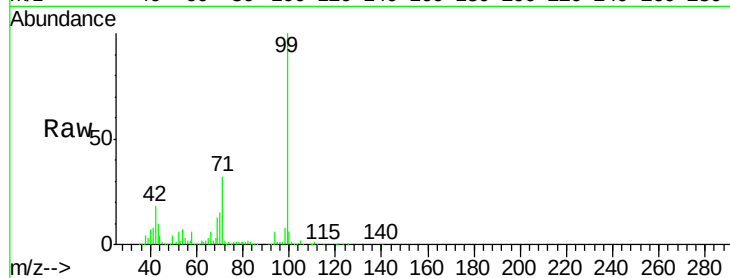
Tot Ion: 99 Resp: 668038

Ion Ratio Lower Upper

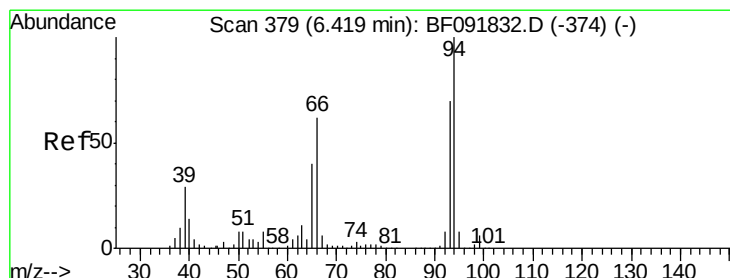
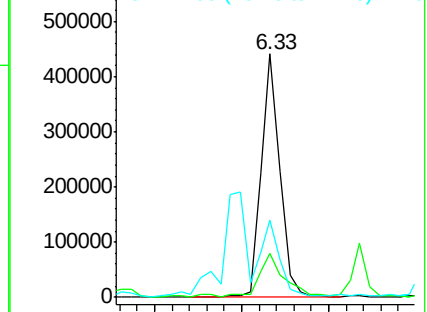
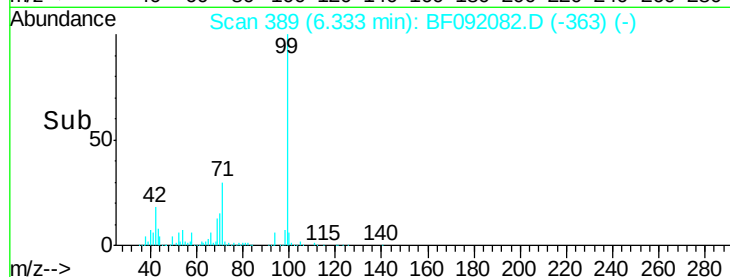
99 100

42 17.9 15.6 23.4

71 31.6 27.5 41.3



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: 8.18 ng

RT: 6.34 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

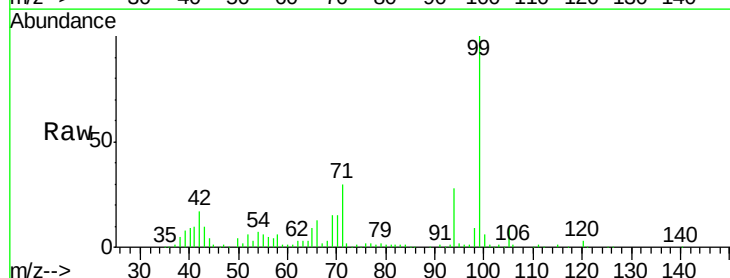
Tgt Ion: 94 Resp: 104466

Ion Ratio Lower Upper

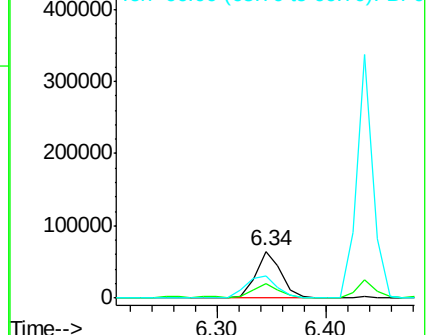
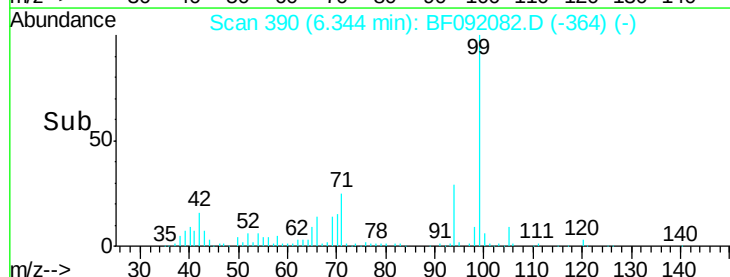
94 100

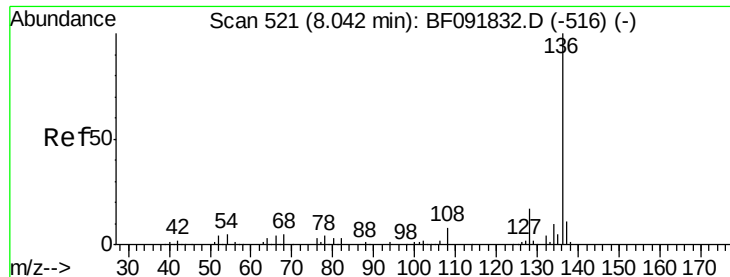
65 31.9 21.4 61.4

66 47.4 44.0 84.0



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: 20.00 ng

RT: 7.96 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampleId :

MW-36

Tot Ion:136 Resp: 318248

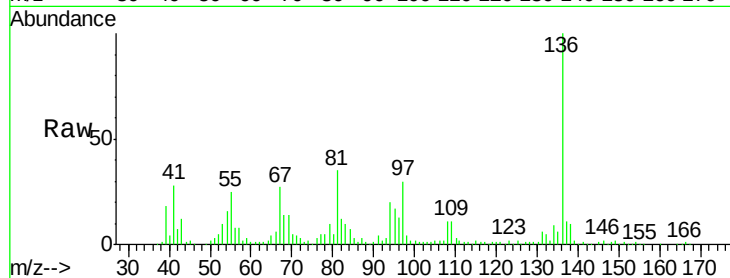
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 16.4 4.5 6.7#

68 14.1 3.6 5.4#

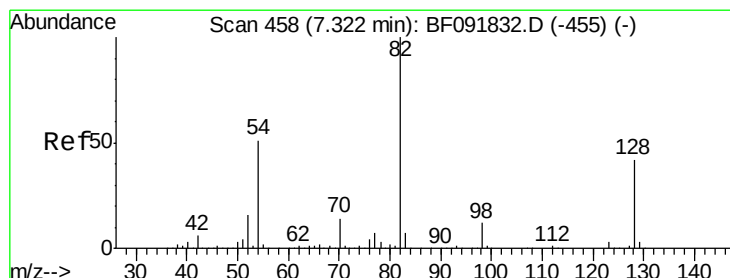
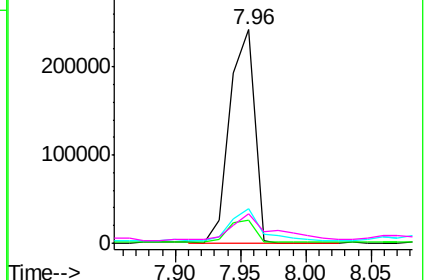
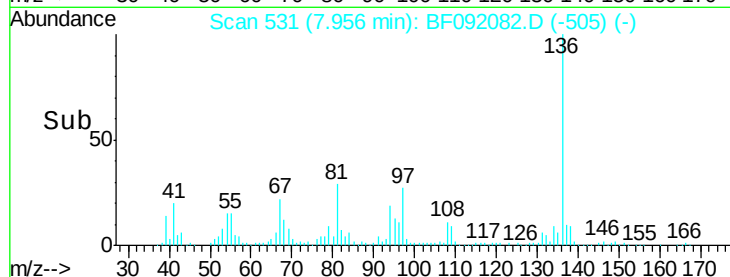


Abundance Ion 136.00 (135.70 to 136.70): E

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: 112.69 ng

RT: 7.24 min Scan# 468

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

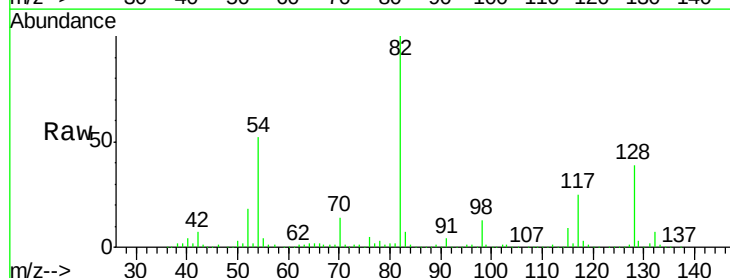
Tgt Ion: 82 Resp: 644974

Ion Ratio Lower Upper

82 100

128 38.9 34.6 52.0

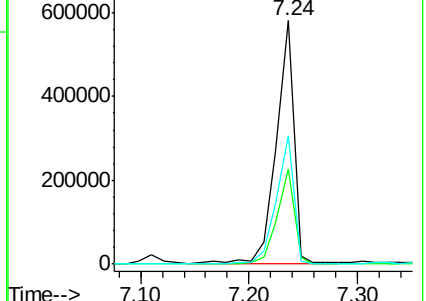
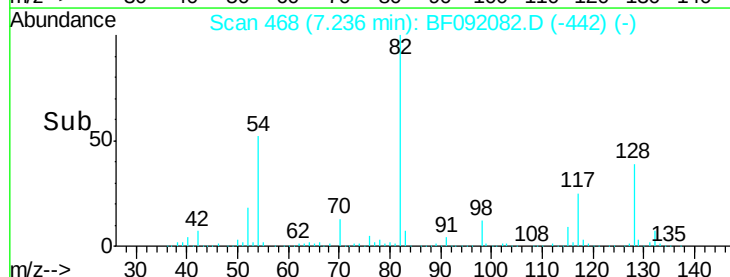
54 52.5 39.5 59.3

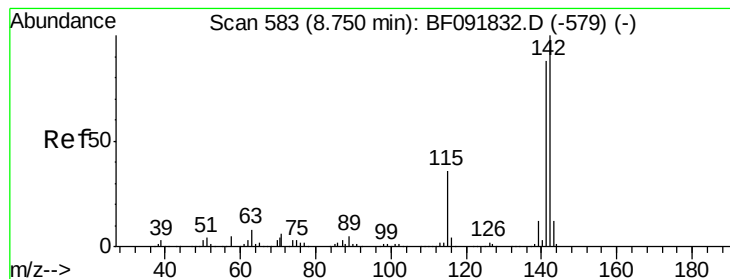


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#37

2-Methylnaphthalene

Concen: 5.03 ng

RT: 8.66 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampleId :

MW-36

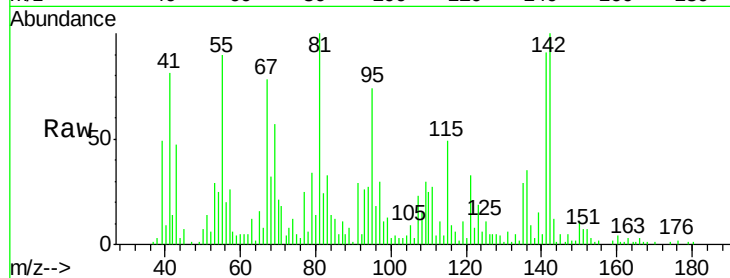
Tot Ion:142 Resp: 62117

Ion Ratio Lower Upper

142 100

141 91.3 71.0 106.6

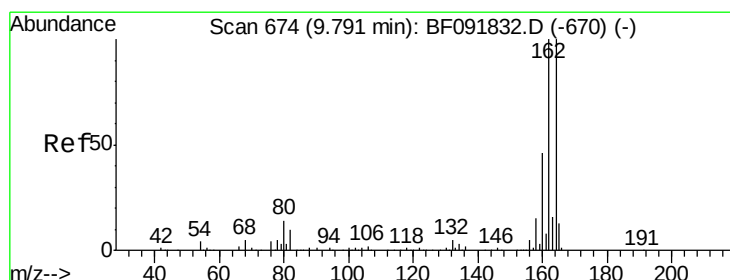
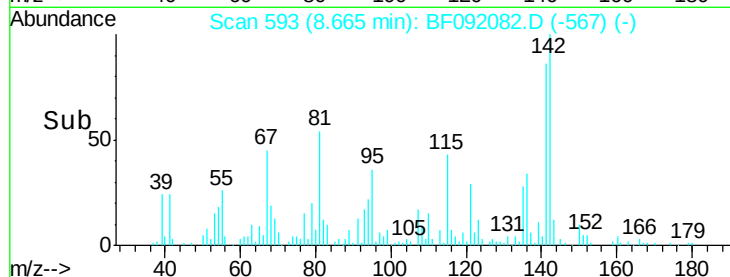
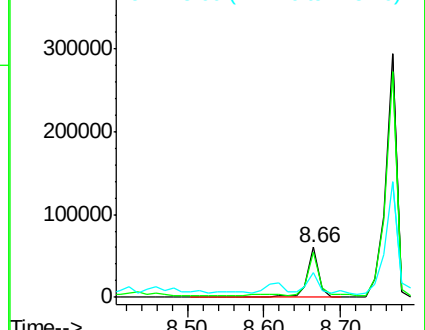
115 49.0 28.3 42.5#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

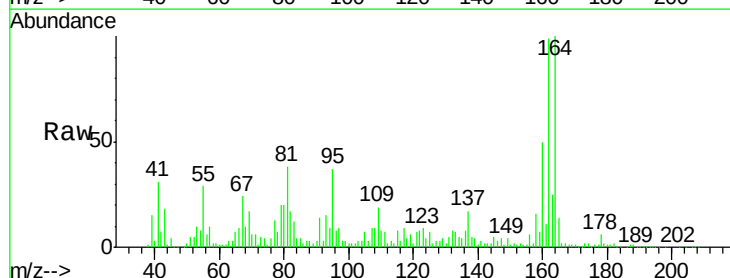
Tgt Ion:164 Resp: 244768

Ion Ratio Lower Upper

164 100

162 99.3 80.2 120.2

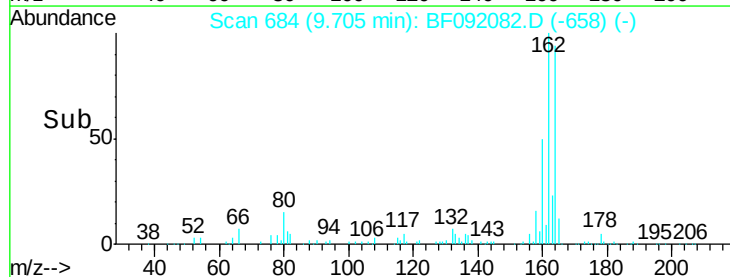
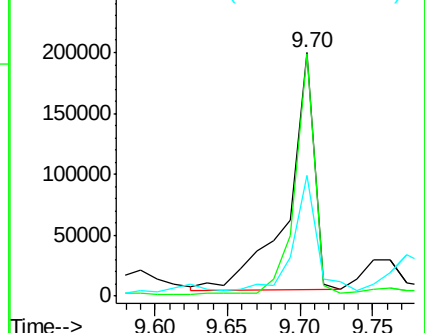
160 49.8 36.9 55.3

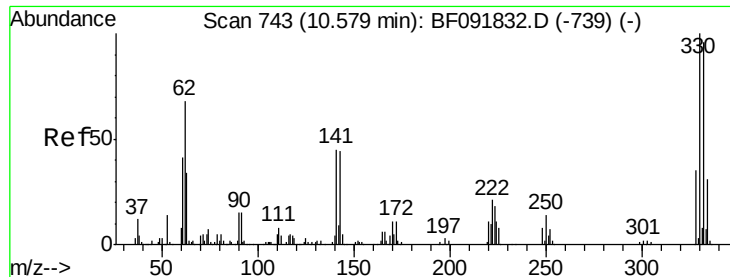


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

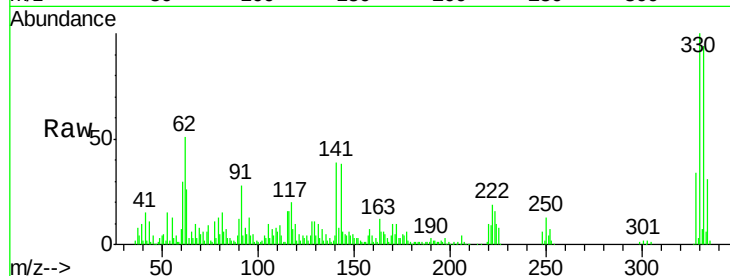




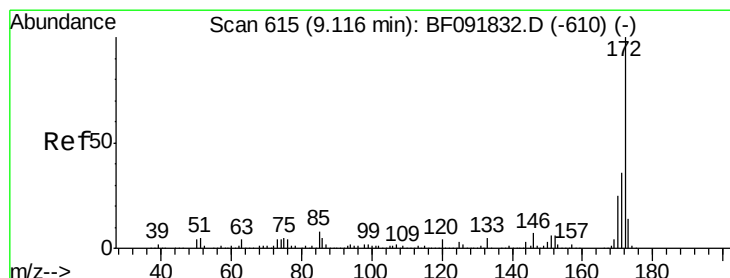
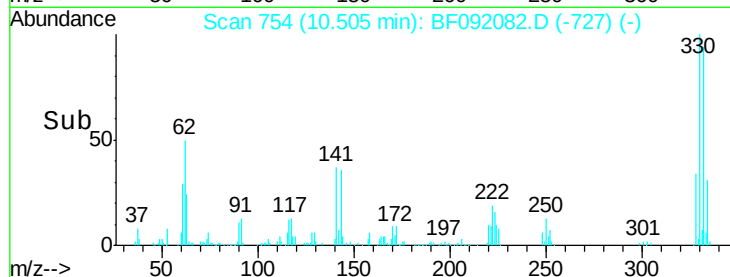
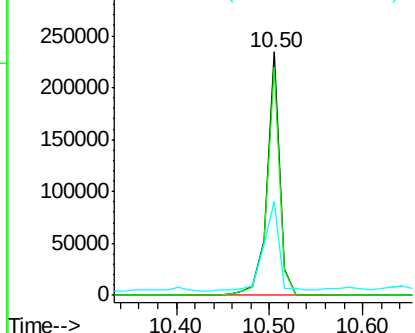
#41
 2,4,6-Tribromophenol
 Concen: 111.32 ng
 RT: 10.50 min Scan# 754
 Delta R.T. 0.01 min
 Lab File: BF092082.D
 Acq: 4 Jan 2017 21:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-36

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.4	116.2
141	44.5	34.1	51.1

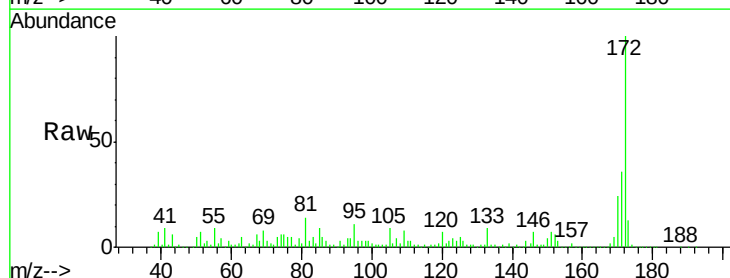


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

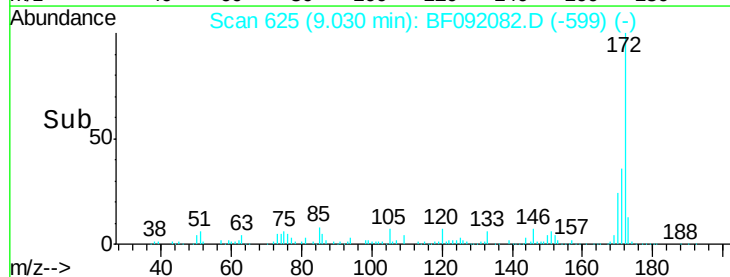
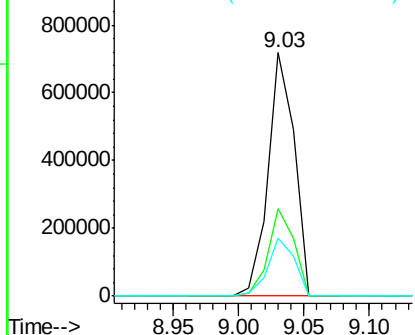


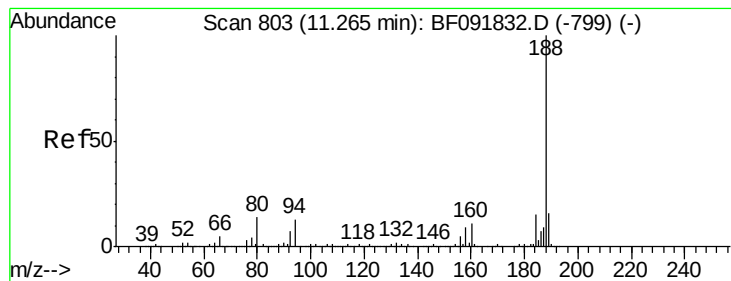
#44
 2-Fluorobiphenyl
 Concen: 83.80 ng
 RT: 9.03 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092082.D
 Acq: 4 Jan 2017 21:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.4	44.0
170	23.9	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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampleId :

MW-36

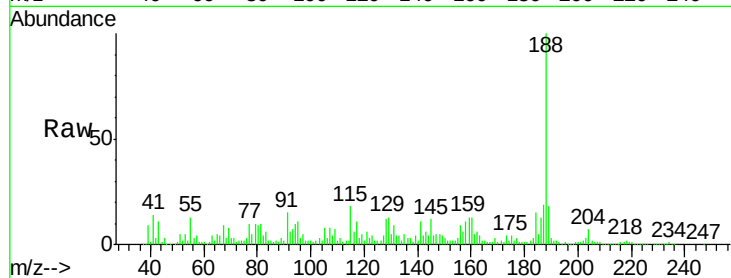
Tot Ion:188 Resp: 505634

Ion Ratio Lower Upper

188 100

94 9.7 10.0 15.0#

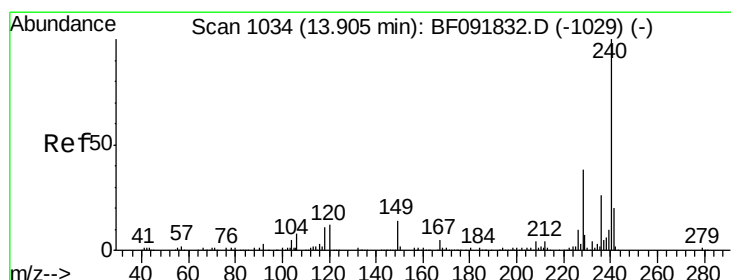
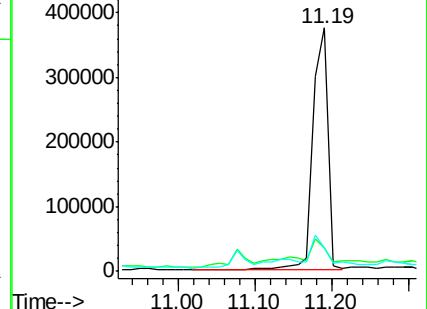
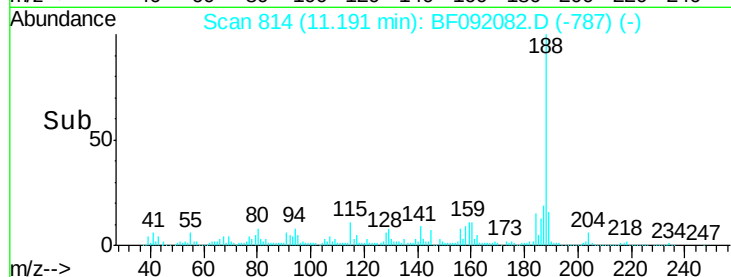
80 9.4 11.2 16.8#



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: 13.81 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

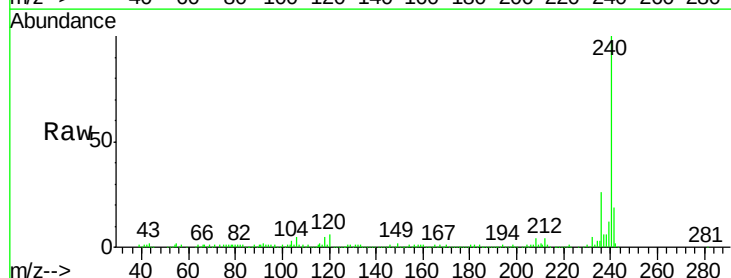
Tgt Ion:240 Resp: 193573

Ion Ratio Lower Upper

240 100

120 6.1 12.9 19.3#

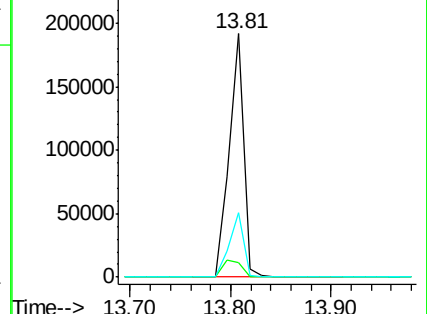
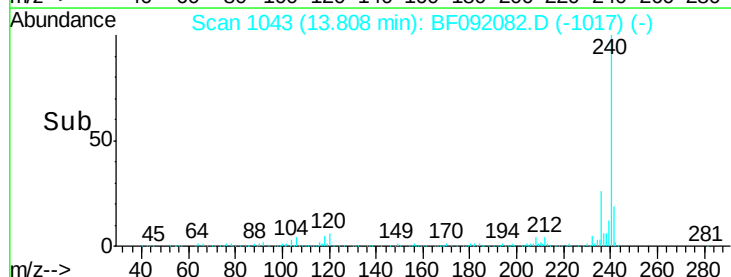
236 26.2 20.9 31.3

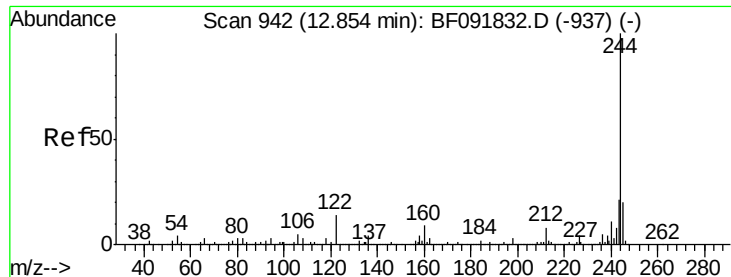


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 187.96 ng

RT: 12.77 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

Instrument :

BNA_F

ClientSampleId :

MW-36

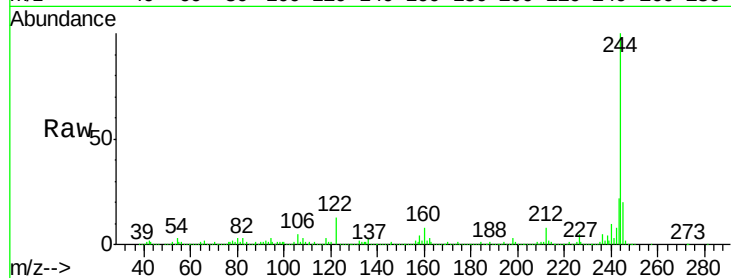
Tot Ion:244 Resp: 1500236

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

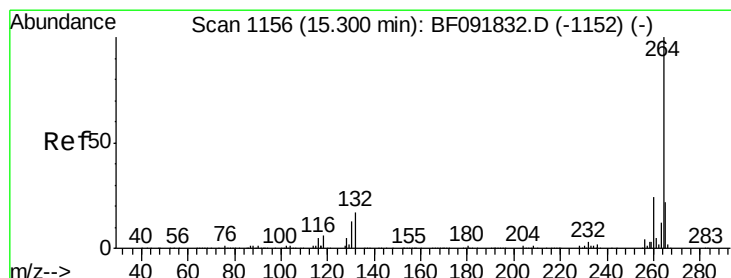
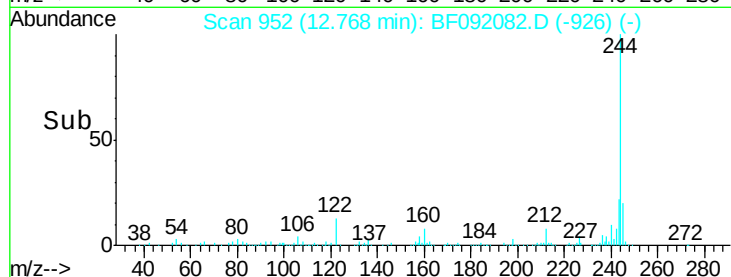
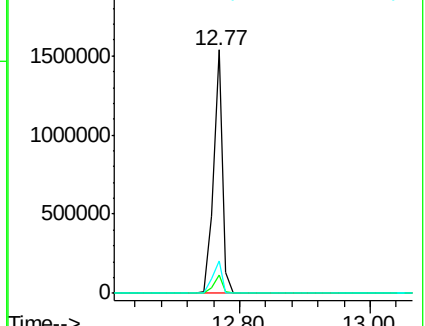
122 13.2 11.4 17.2



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: 15.18 min Scan# 1163

Delta R.T. -0.00 min

Lab File: BF092082.D

Acq: 4 Jan 2017 21:50

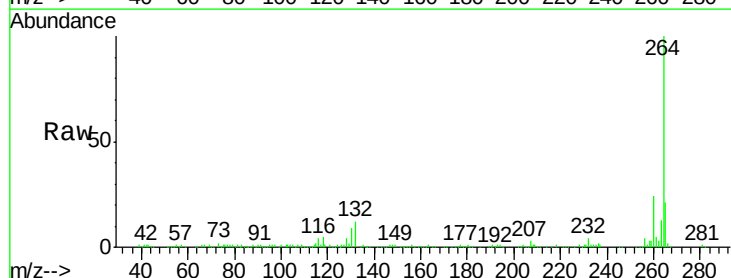
Tgt Ion:264 Resp: 157884

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 20.6 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

