

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084064.D
 Acq On : 24 Dec 2015 5:41
 Operator : UM/SJ
 Sample : G4925-02
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Quant Time: Dec 24 07:58:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 22 18:54:09 2015
 Response via : Initial Calibration

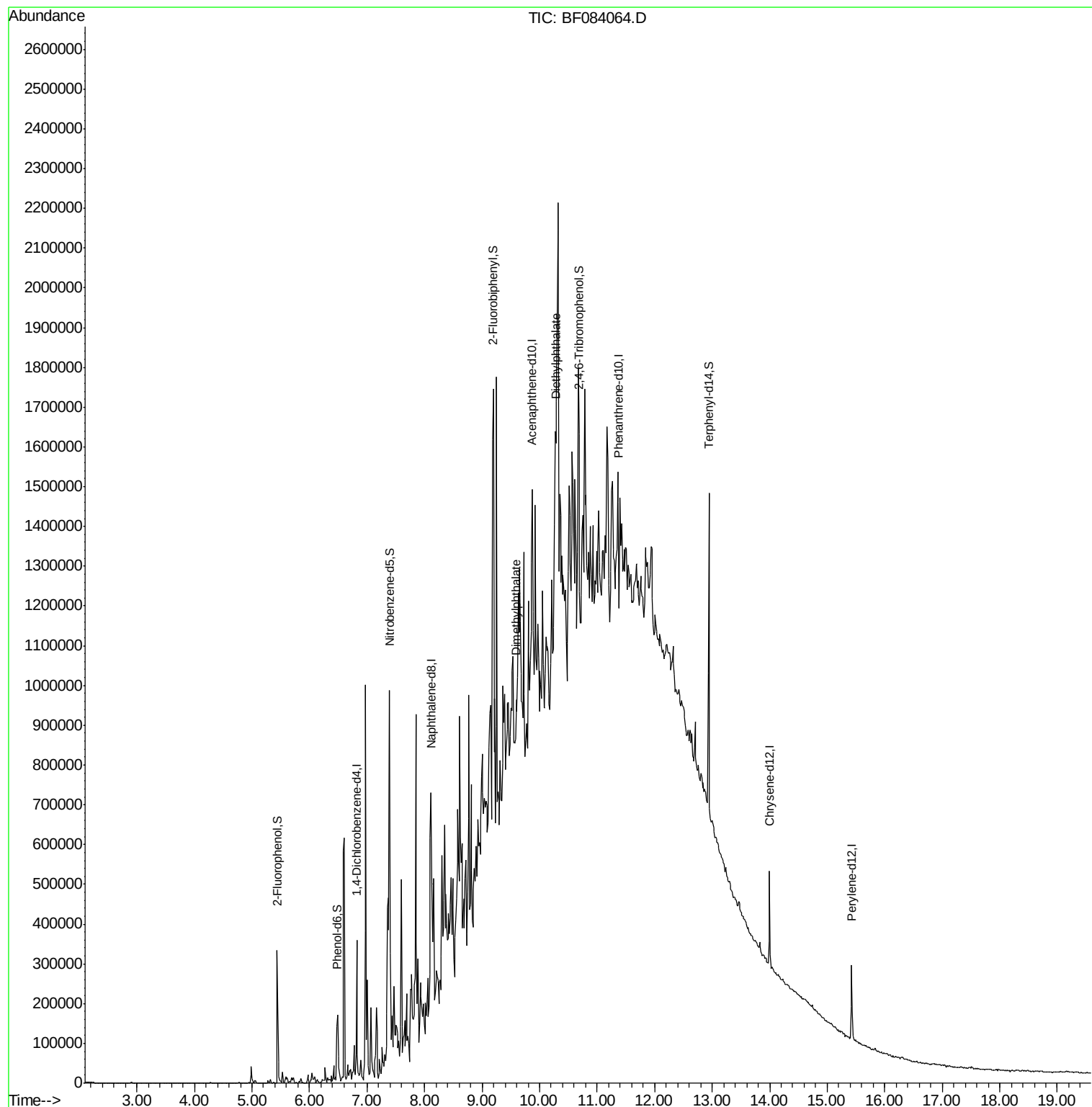
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	47283	20.00	ng	-0.01
21) Naphthalene-d8	8.11	136	169672	20.00	ng	0.00
38) Acenaphthene-d10	9.87	164	133372	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	94277	20.00	ng	0.01
75) Chrysene-d12	14.00	240	89767	20.00	ng	0.00
86) Perylene-d12	15.43	264	80661	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	127247	45.89	ng	0.00
7) Phenol-d6	6.49	99	93185	28.58	ng	0.01
23) Nitrobenzene-d5	7.39	82	246904	89.39	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	85898	66.96	ng	0.02
44) 2-Fluorobiphenyl	9.20	172	448142	45.22	ng	0.00
78) Terphenyl-d14	12.95	244	279225	74.18	ng	0.01
Target Compounds						
49) Dimethylphthalate	9.60	163	22165	2.12	ng	# 39
59) Diethylphthalate	10.28	149	187719	18.30	ng	# 75

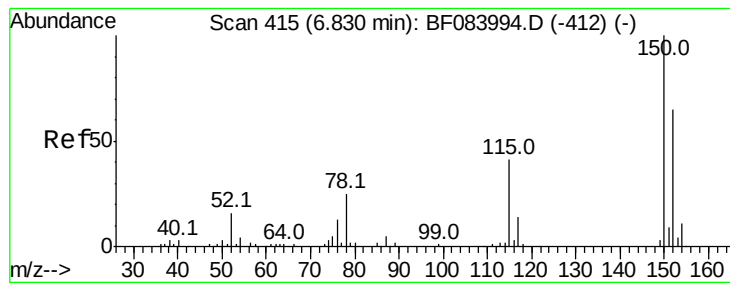
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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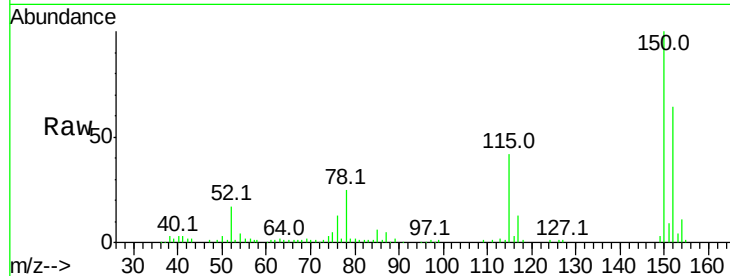


#1

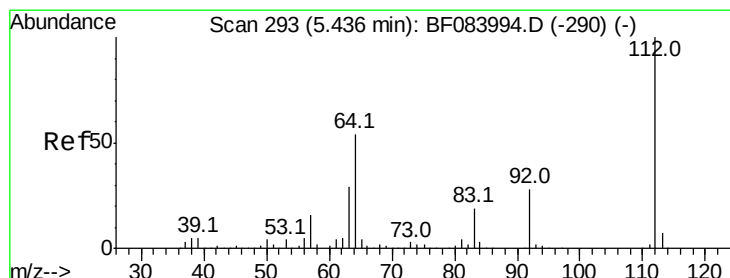
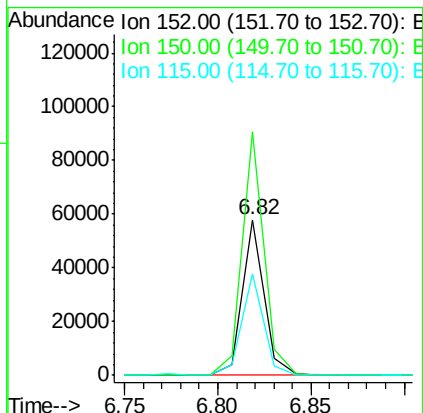
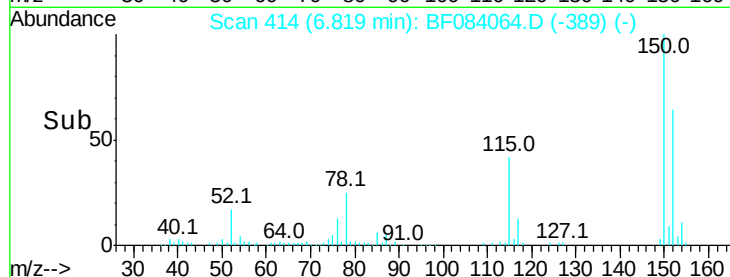
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.01 min
 Lab File: BF084064.D
 Acq: 24 Dec 2015 5:41

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Tot Ion:152 Resp: 47283
 Ion Ratio Lower Upper
 152 100
 150 156.7 123.0 184.4
 115 65.6 51.4 77.2



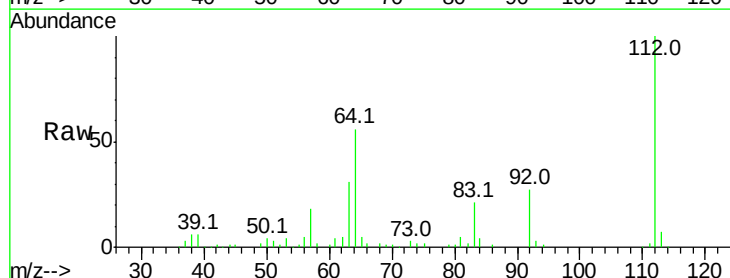
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



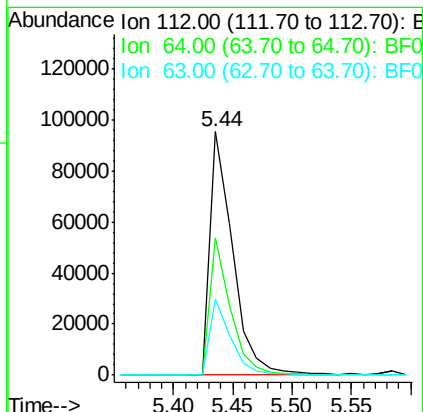
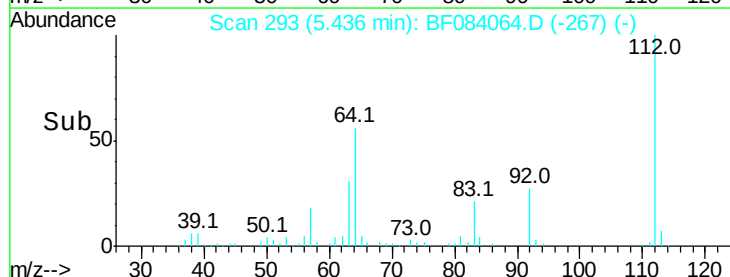
#5

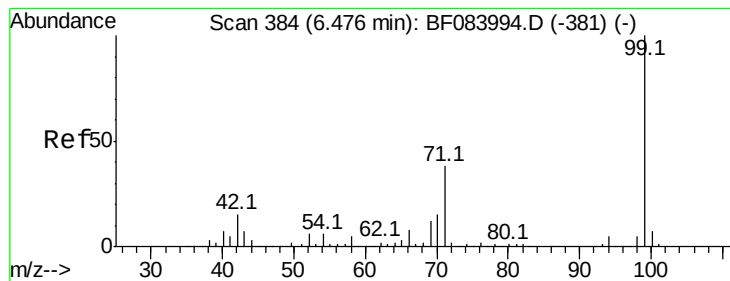
2-Fluorophenol
 Concen: 45.89 ng
 RT: 5.44 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: BF084064.D
 Acq: 24 Dec 2015 5:41

Tgt Ion:112 Resp: 127247
 Ion Ratio Lower Upper
 112 100
 64 56.4 36.6 55.0#
 63 31.3 19.4 29.0#



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: 28.58 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

Instrument :

BNA_F

ClientSampleId :

W-01

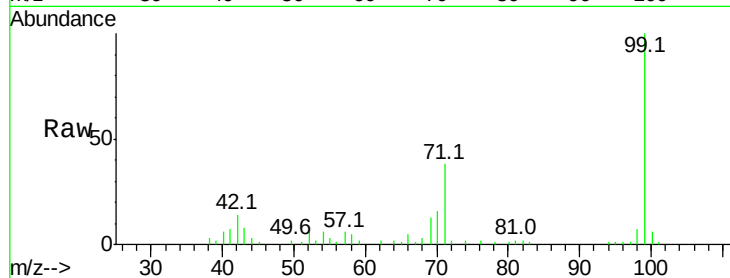
Tot Ion: 99 Resp: 93185

Ion Ratio Lower Upper

99 100

42 14.1 12.8 19.2

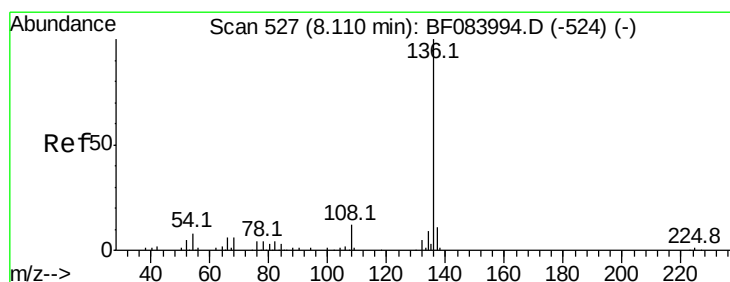
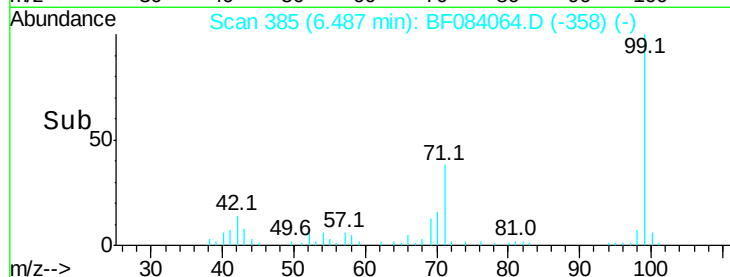
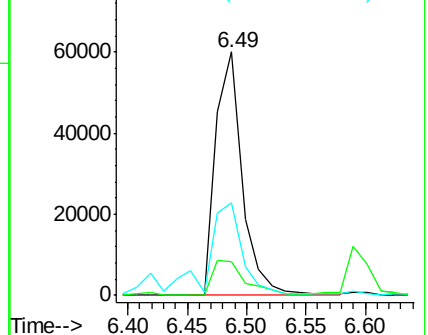
71 38.0 30.9 46.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

Tgt Ion: 136 Resp: 169672

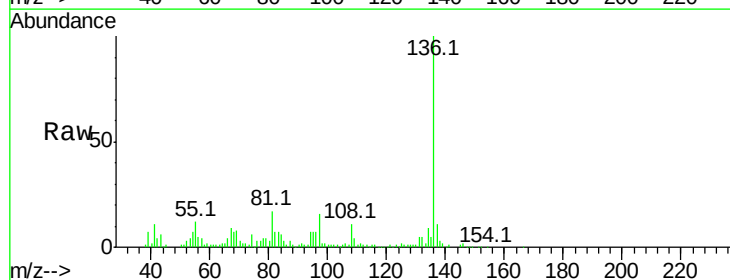
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 7.3 5.8 8.8

68 6.8 4.2 6.2#

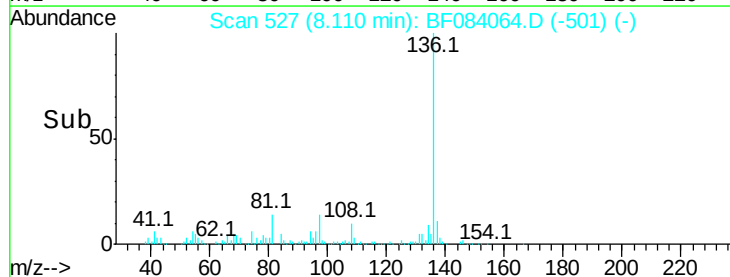
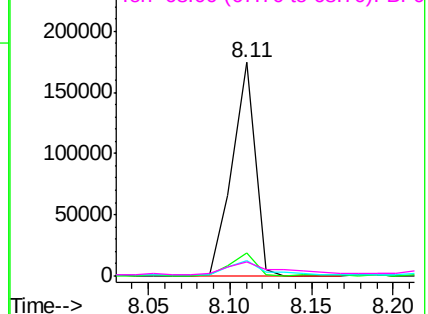


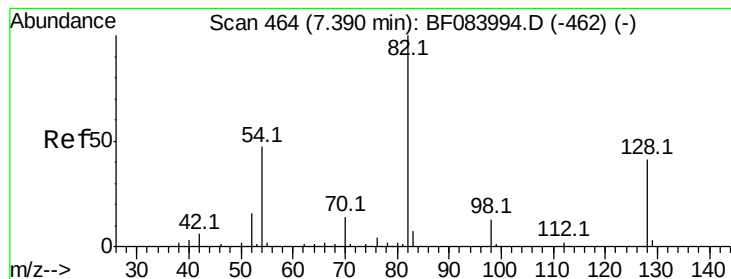
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.39 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.00 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

Instrument :

BNA_F

ClientSampleId :

W-01

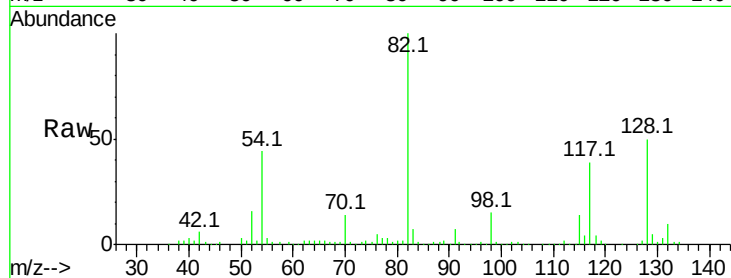
Tot Ion: 82 Resp: 246904

Ion Ratio Lower Upper

82 100

128 49.7 34.6 51.8

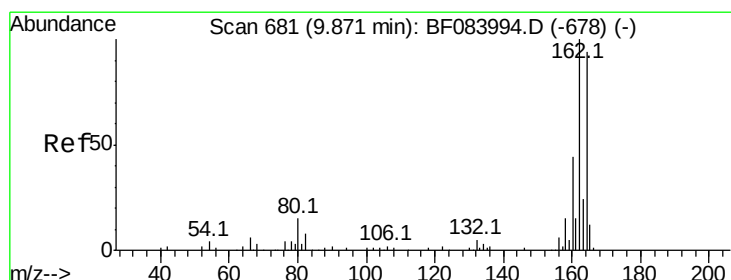
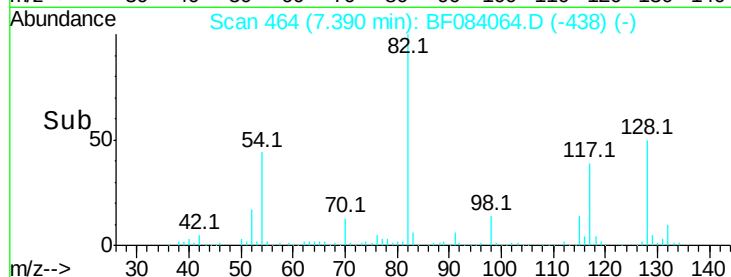
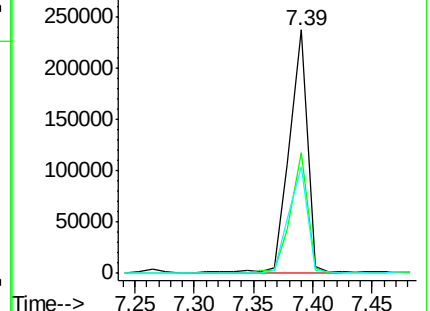
54 44.0 38.4 57.6



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

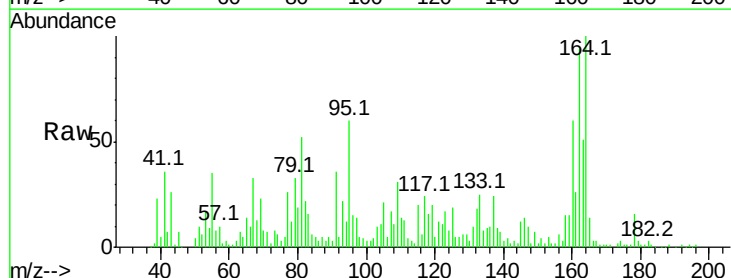
Tgt Ion:164 Resp: 133372

Ion Ratio Lower Upper

164 100

162 94.1 85.1 127.7

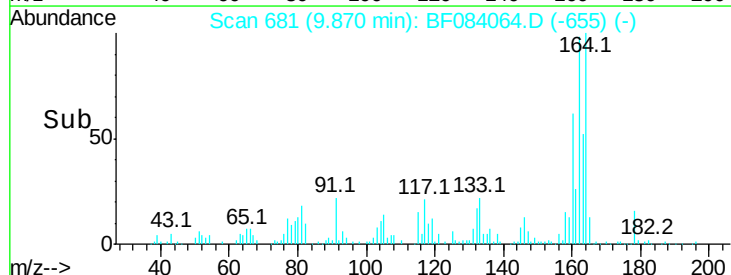
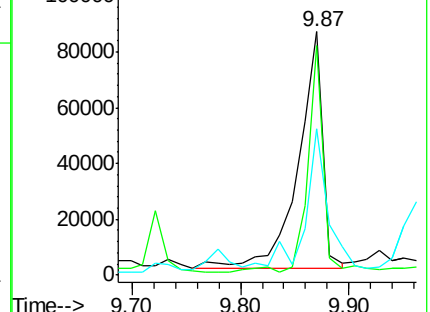
160 60.4 37.5 56.3#

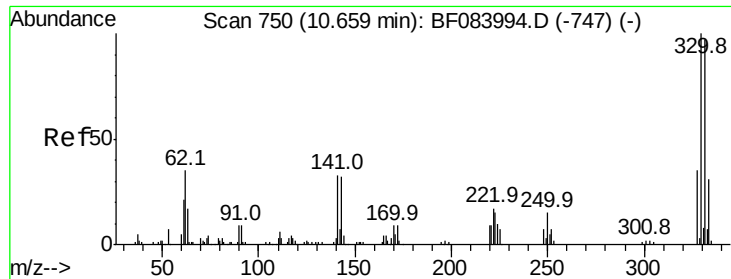


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

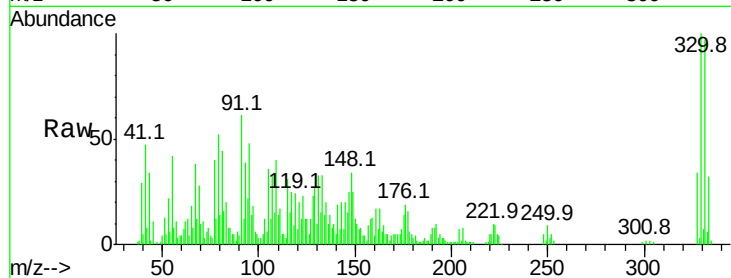




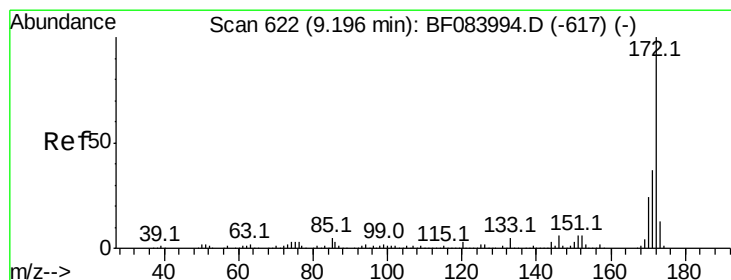
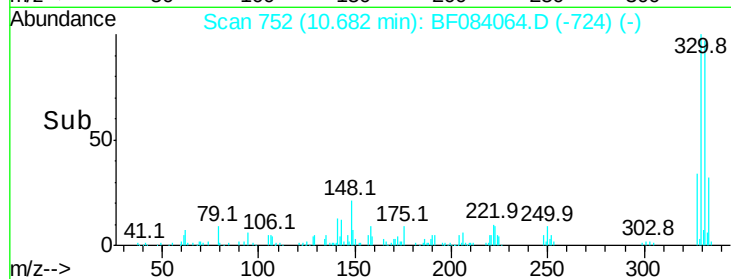
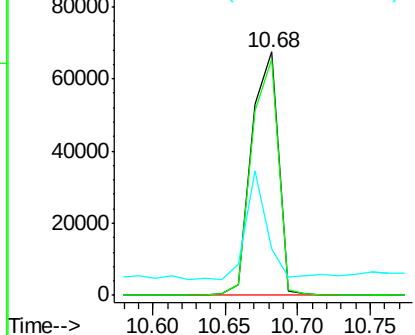
#41
 2,4,6-Tribromophenol
 Concen: 66.96 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.02 min
 Lab File: BF084064.D
 Acq: 24 Dec 2015 5:41

Instrument :
 BNA_F
 ClientSampleId :
 W-01

Tot Ion:330 Resp: 85898
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 114.8
 141 36.6 27.8 41.6

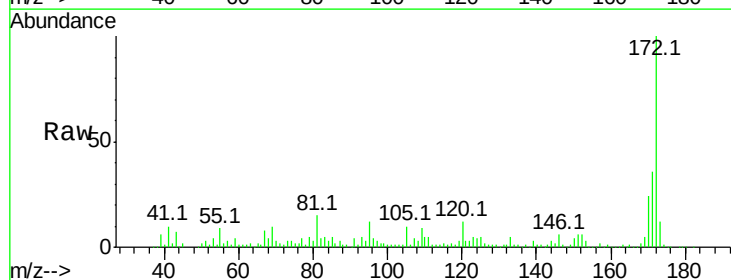


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

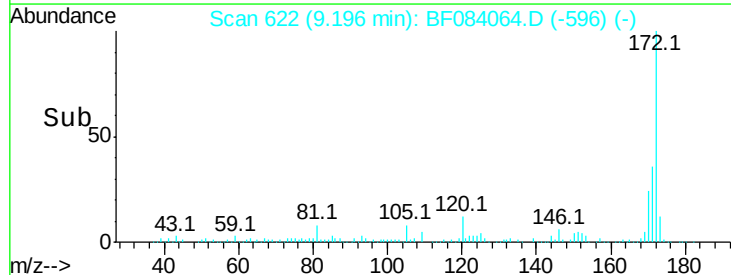
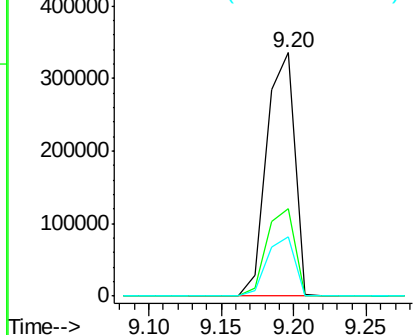


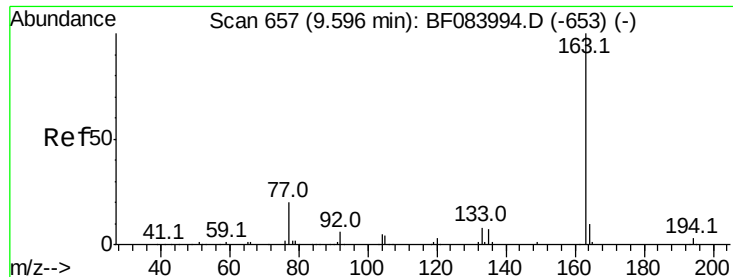
#44
 2-Fluorobiphenyl
 Concen: 45.22 ng
 RT: 9.20 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BF084064.D
 Acq: 24 Dec 2015 5:41

Tgt Ion:172 Resp: 448142
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.2 18.6 27.8



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

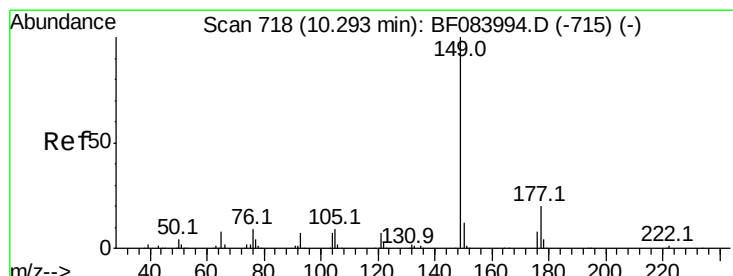
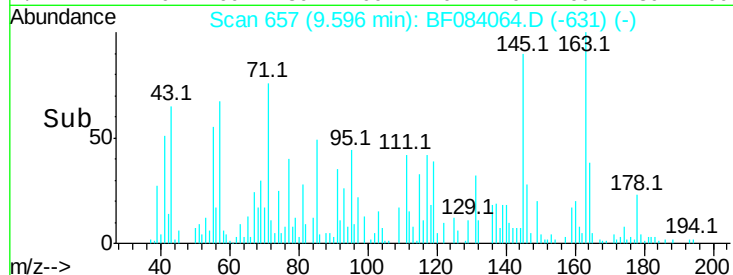
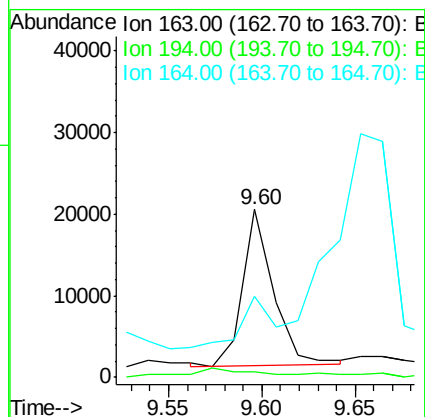
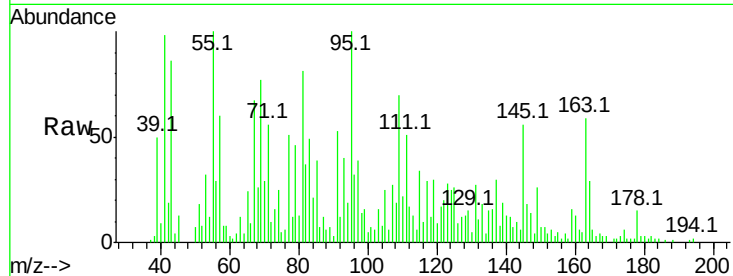




#49
Dimethylphthalate
Concen: 2.12 ng
RT: 9.60 min Scan# 657
Delta R.T. -0.00 min
Lab File: BF084064.D
Acq: 24 Dec 2015 5:41

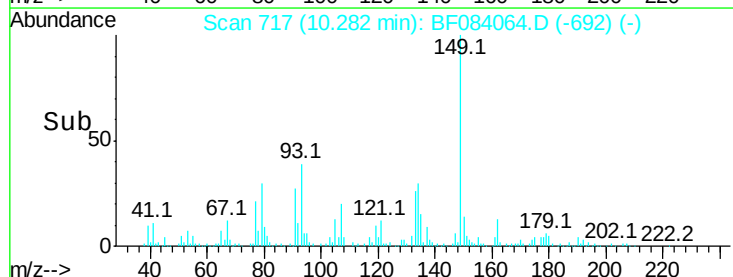
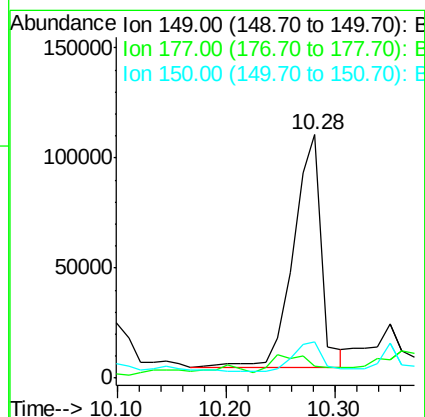
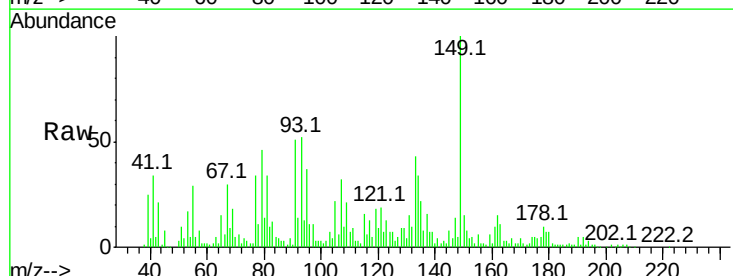
Instrument :
BNA_F
ClientSampled :
W-01

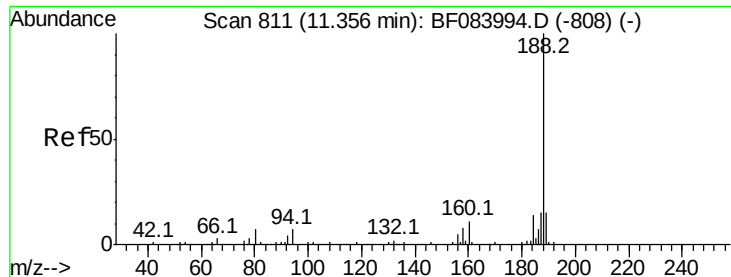
Tot Ion:163 Resp: 22165
Ion Ratio Lower Upper
163 100
194 3.6 8.0 12.0#
164 48.7 8.0 12.0#



#59
Diethylphthalate
Concen: 18.30 ng
RT: 10.28 min Scan# 717
Delta R.T. -0.01 min
Lab File: BF084064.D
Acq: 24 Dec 2015 5:41

Tgt Ion:149 Resp: 187719
Ion Ratio Lower Upper
149 100
177 5.0 17.3 25.9#
150 14.9 9.8 14.8#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.37 min Scan# 812

Delta R.T. 0.01 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

Instrument :

BNA_F

ClientSampleId :

W-01

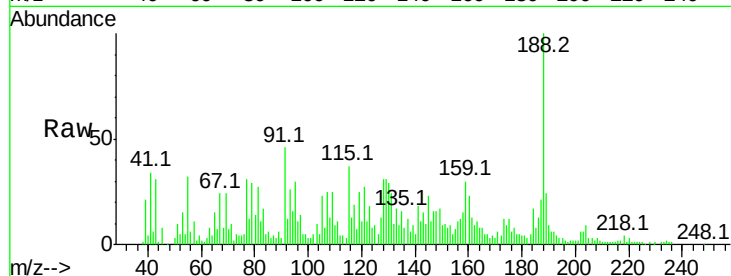
Tot Ion:188 Resp: 94277

Ion Ratio Lower Upper

188 100

94 16.2 9.0 13.4#

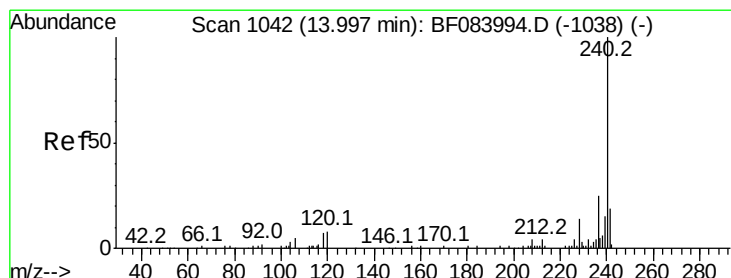
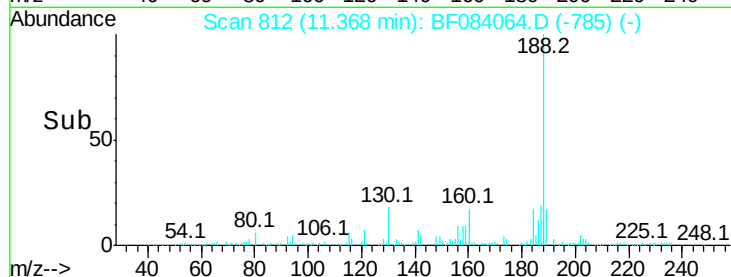
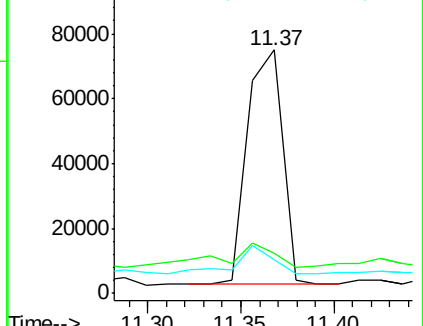
80 13.6 9.6 14.4



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: 14.00 min Scan# 1042

Delta R.T. -0.00 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

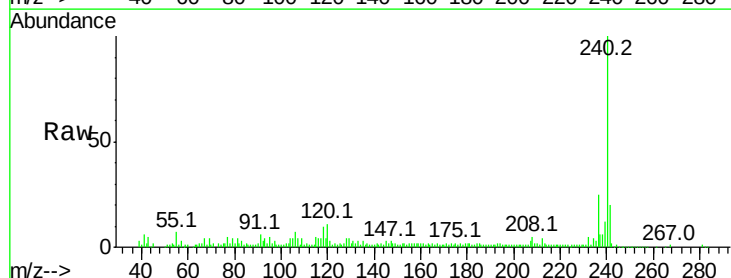
Tgt Ion:240 Resp: 89767

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

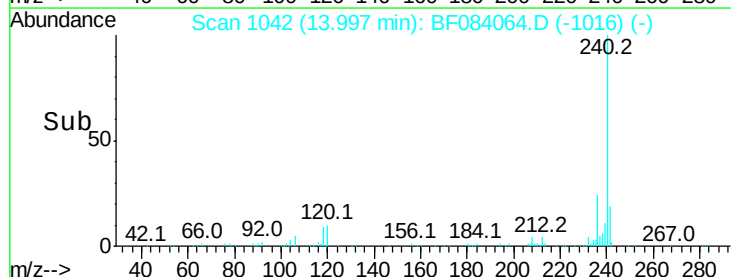
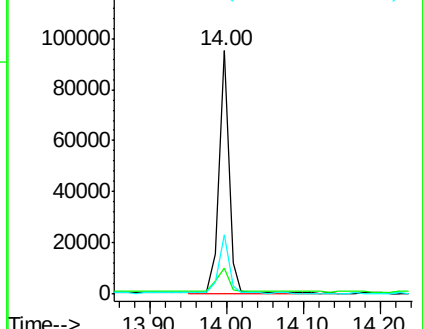
236 24.6 20.6 31.0

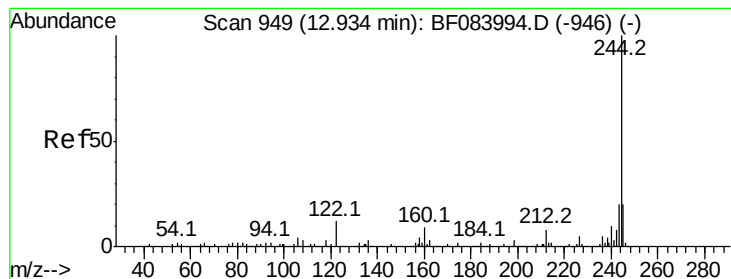


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 74.18 ng

RT: 12.95 min Scan# 950

Delta R.T. 0.01 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

Instrument :

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ClientSampleId :

W-01

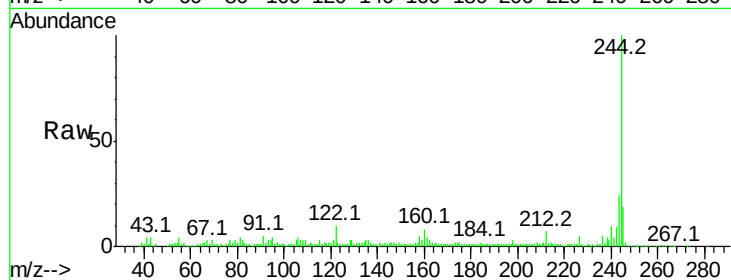
Tot Ion:244 Resp: 279225

Ion Ratio Lower Upper

244 100

212 7.4 5.7 8.5

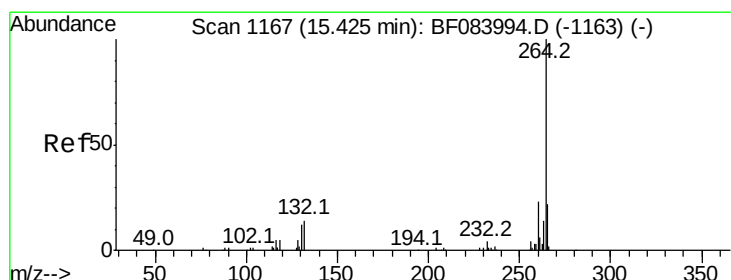
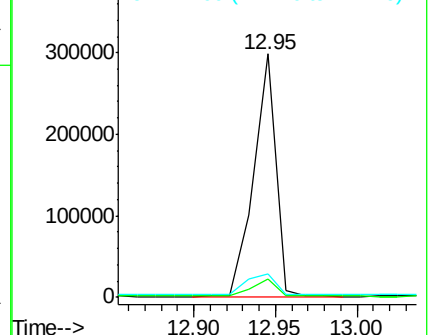
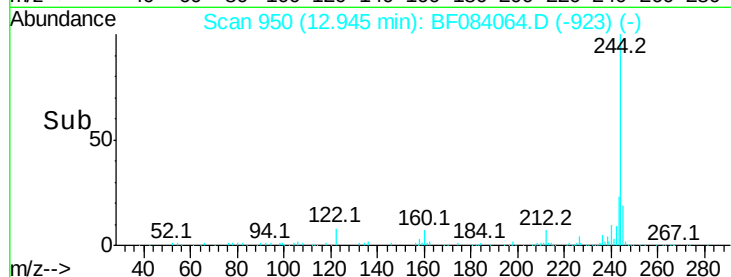
122 9.7 7.4 11.0



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: 15.43 min Scan# 1167

Delta R.T. -0.00 min

Lab File: BF084064.D

Acq: 24 Dec 2015 5:41

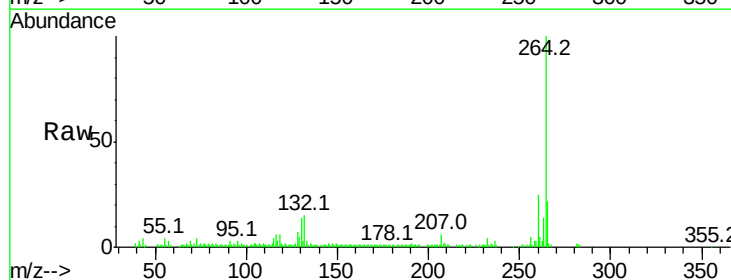
Tgt Ion:264 Resp: 80661

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.6 17.8 26.6



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

