

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
 Data File : BF082556.D
 Acq On : 27 Oct 2015 19:46
 Operator : UM/IZ
 Sample : G4157-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WOOD-1

Quant Time: Oct 28 12:17:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

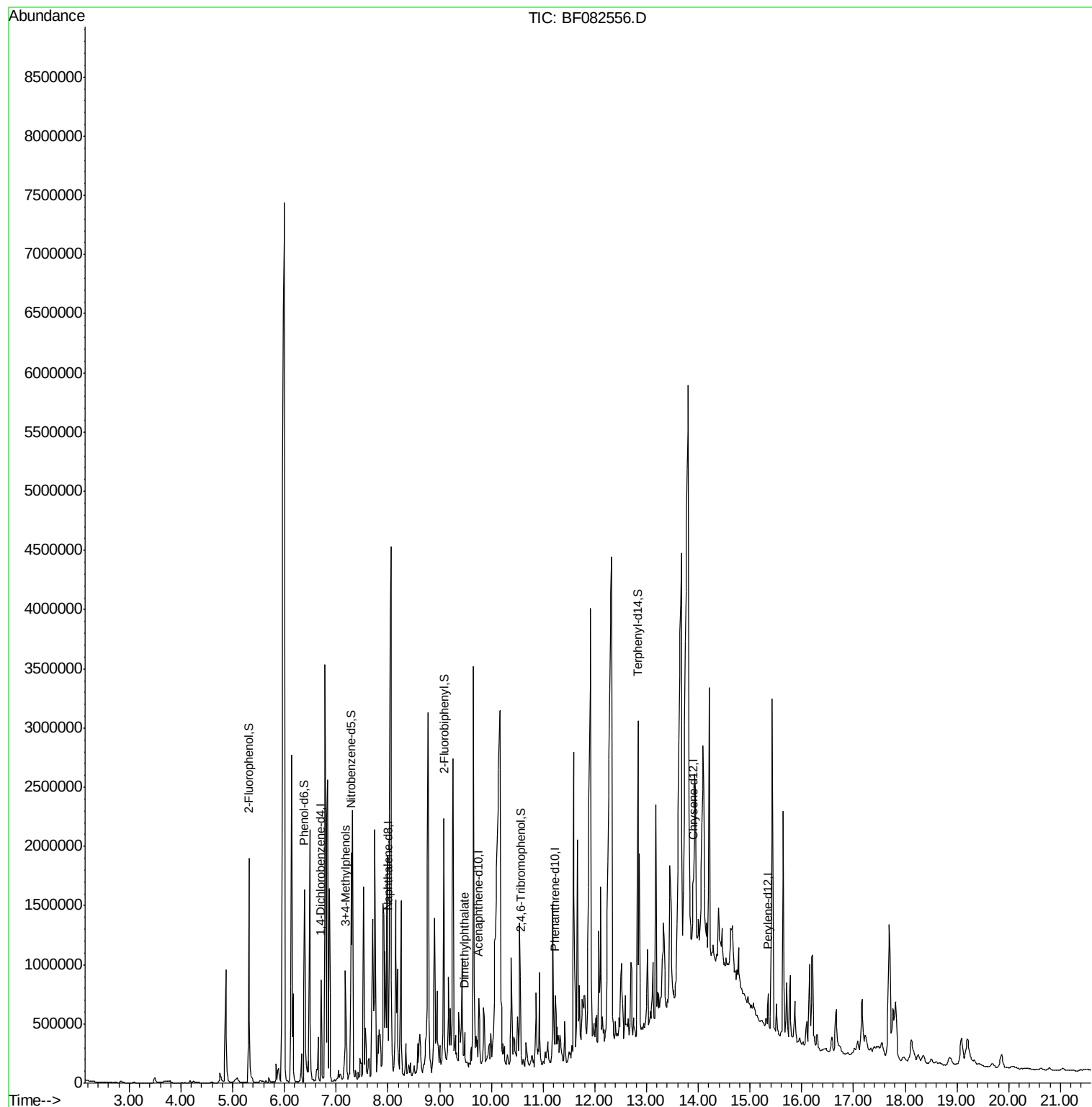
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	77195	20.00	ng	-0.02
21) Naphthalene-d8	8.00	136	364182	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	138401	20.00	ng	-0.02
63) Phenanthrene-d10	11.23	188	219591	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	168438	20.00	ng	-0.01
86) Perylene-d12	15.35	264	158834	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	589409	150.73	ng	0.00
7) Phenol-d6	6.39	99	798593	156.69	ng	0.01
23) Nitrobenzene-d5	7.29	82	569757	100.93	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	161922	156.24	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	998864	114.76	ng	-0.01
78) Terphenyl-d14	12.83	244	676669	115.74	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.18	107	375106	79.82	ng	89
49) Dimethylphthalate	9.49	163	85921	8.92	ng	100

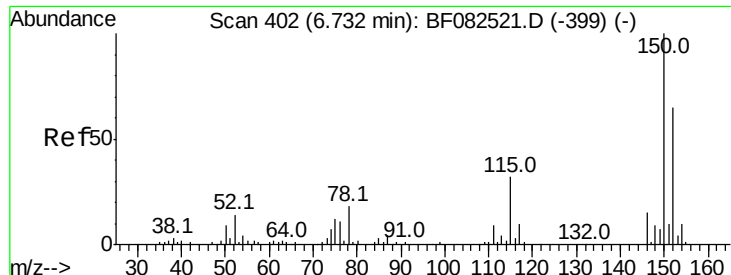
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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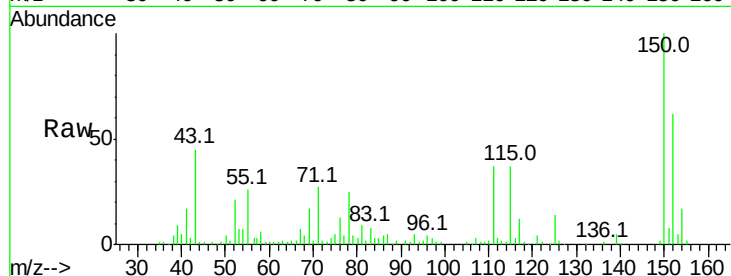


#1

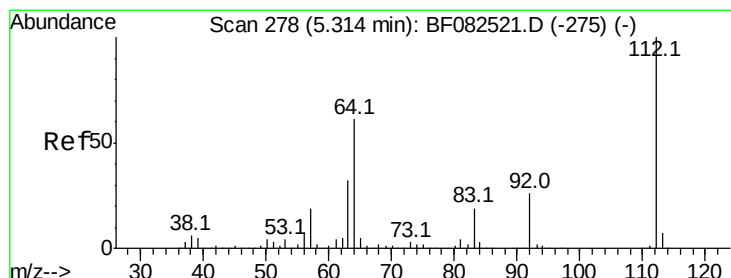
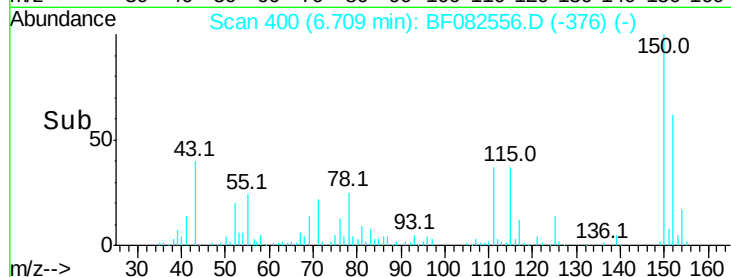
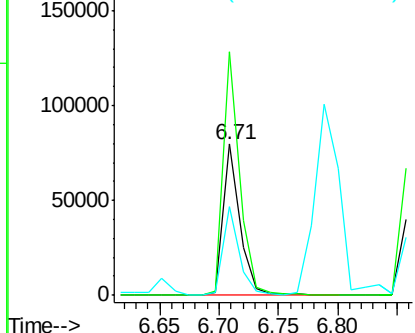
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 400
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:152 Resp: 77195
Ion Ratio Lower Upper
152 100
150 160.8 123.4 185.0
115 58.9 39.0 58.4#



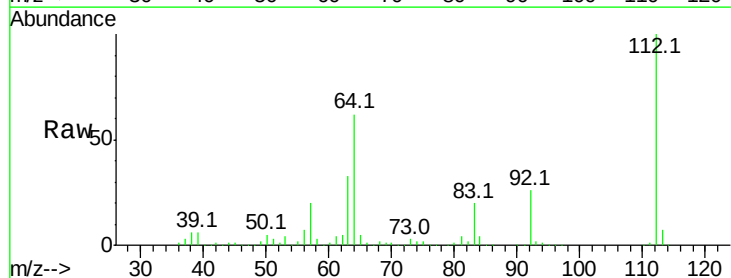
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



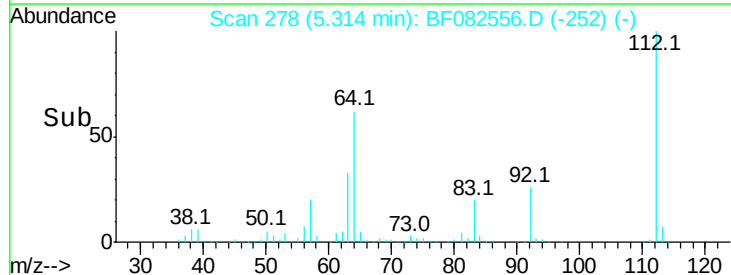
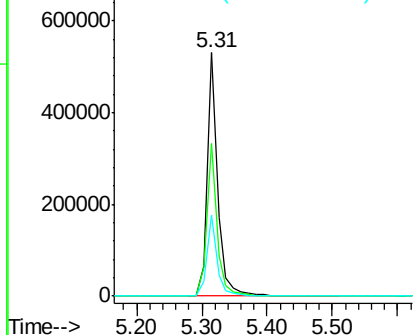
#5

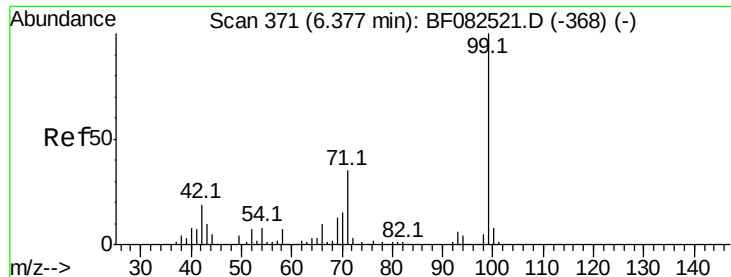
2-Fluorophenol
Concen: 150.73 ng
RT: 5.31 min Scan# 278
Delta R.T. -0.00 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:112 Resp: 589409
Ion Ratio Lower Upper
112 100
64 62.5 49.0 73.4
63 33.3 25.8 38.6



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: 156.69 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

Instrument :

BNA_F

ClientSampleId :

WOOD-1

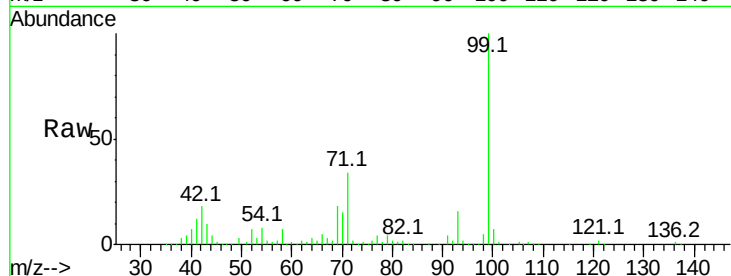
Tot Ion: 99 Resp: 798593

Ion Ratio Lower Upper

99 100

42 17.9 15.1 22.7

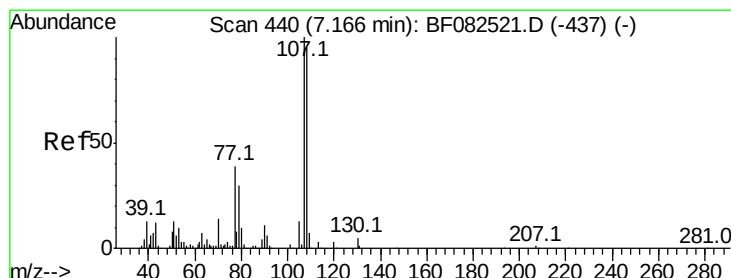
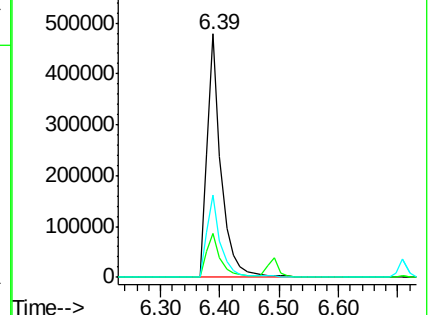
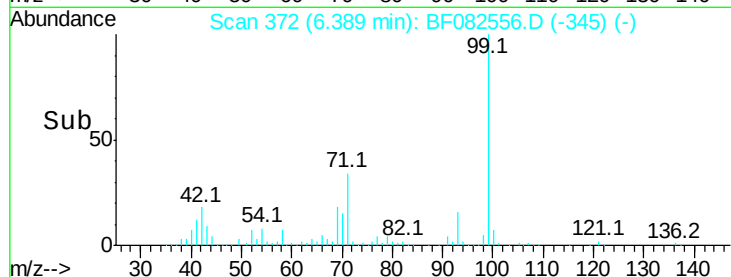
71 34.0 28.2 42.2



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



#20

3+4-Methylphenols

Concen: 79.82 ng

RT: 7.18 min Scan# 441

Delta R.T. 0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

Tgt Ion:107 Resp: 375106

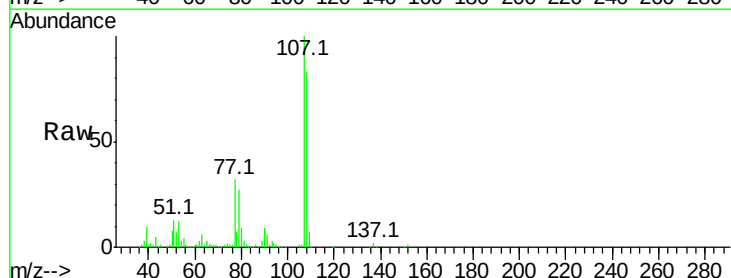
Ion Ratio Lower Upper

107 100

108 82.8 74.8 114.8

77 32.3 20.3 60.3

79 27.3 10.2 50.2

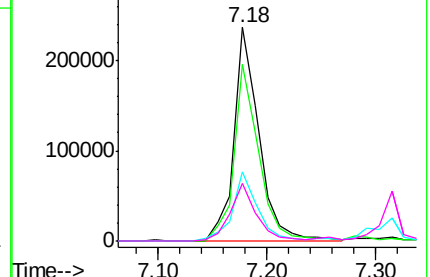
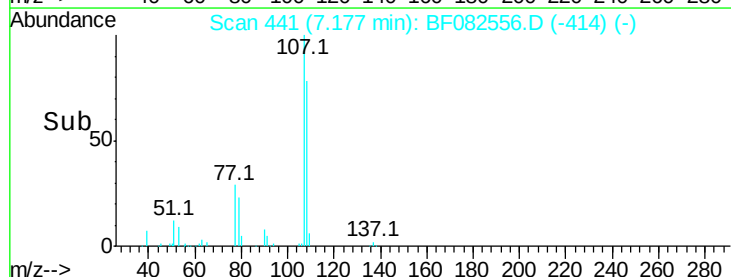


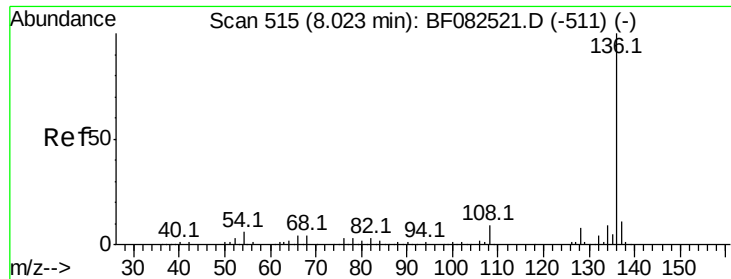
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

Instrument :

BNA_F

ClientSampleId :

WOOD-1

Tot Ion:136 Resp: 364182

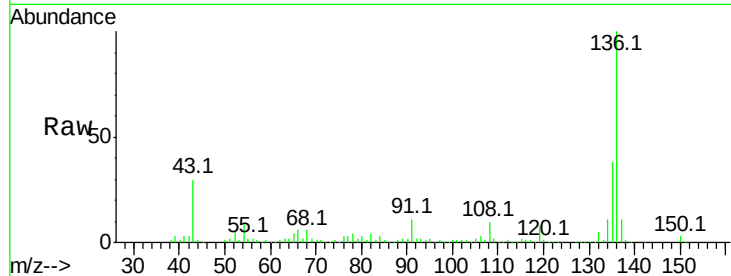
Ion Ratio Lower Upper

136 100

137 11.3 8.6 13.0

54 8.7 4.6 7.0#

68 5.7 3.2 4.8#

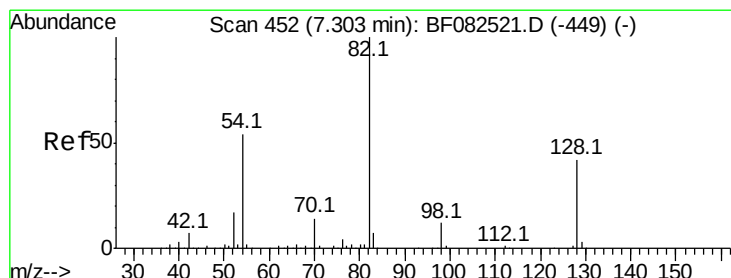
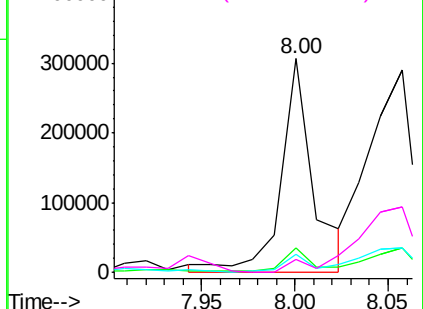
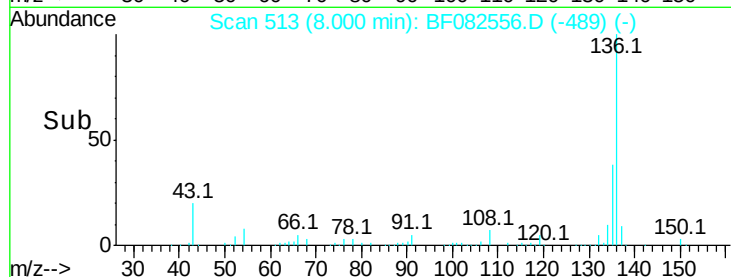


Abundance Ion 136.00 (135.70 to 136.70): E

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: 100.93 ng

RT: 7.29 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

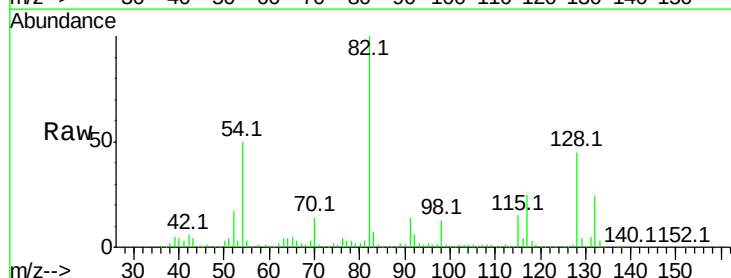
Tgt Ion: 82 Resp: 569757

Ion Ratio Lower Upper

82 100

128 45.3 33.4 50.0

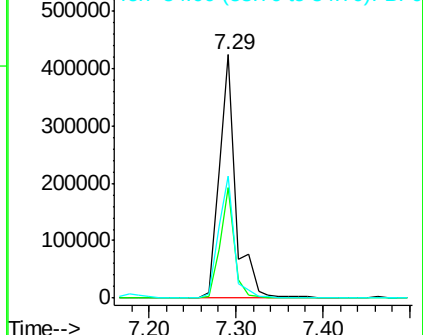
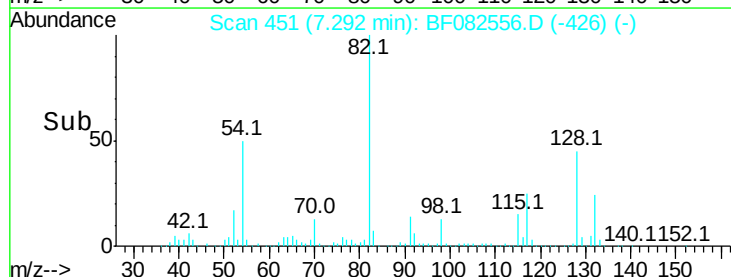
54 49.9 43.5 65.3

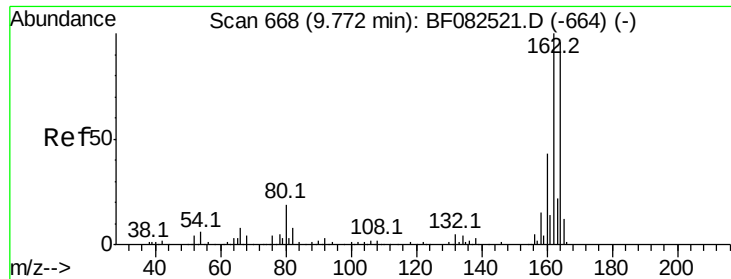


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

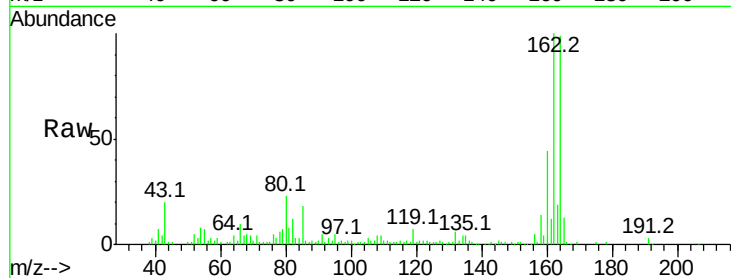




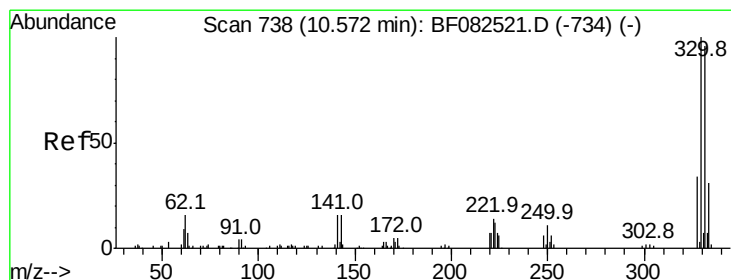
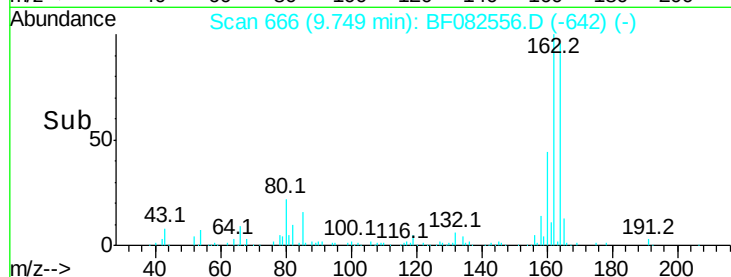
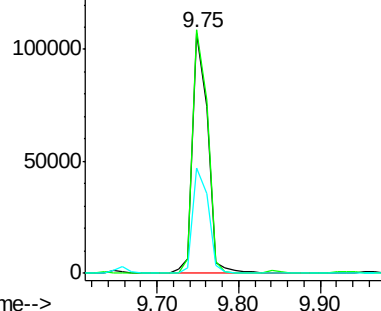
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.75 min Scan# 666
Delta R.T. -0.02 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Instrument :
BNA_F
ClientSampleId :
WOOD-1

Tot Ion:164 Resp: 138401
Ion Ratio Lower Upper
164 100
162 101.5 83.6 125.4
160 44.2 36.0 54.0

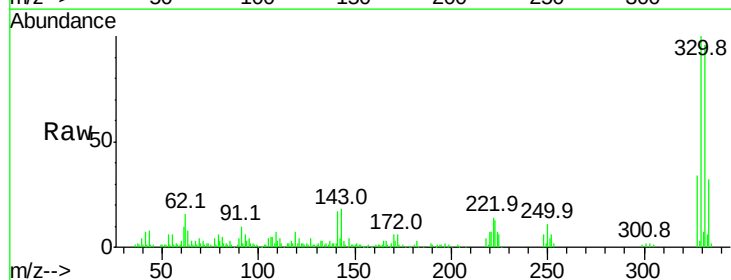


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

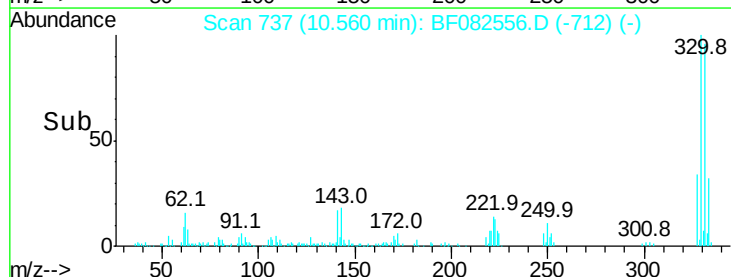
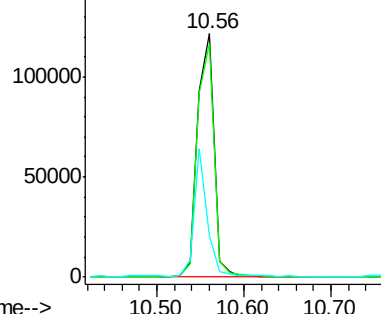


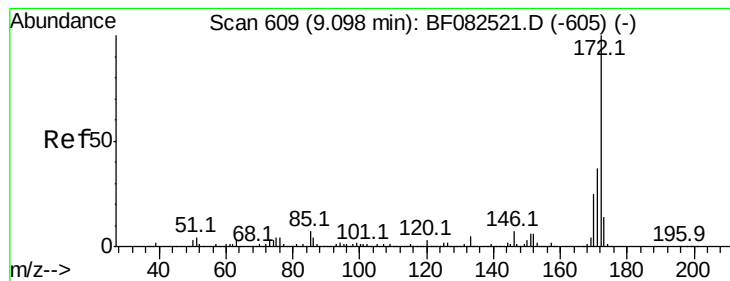
#41
2,4,6-Tribromophenol
Concen: 156.24 ng
RT: 10.56 min Scan# 737
Delta R.T. -0.01 min
Lab File: BF082556.D
Acq: 27 Oct 2015 19:46

Tgt Ion:330 Resp: 161922
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 41.1 32.5 48.7



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

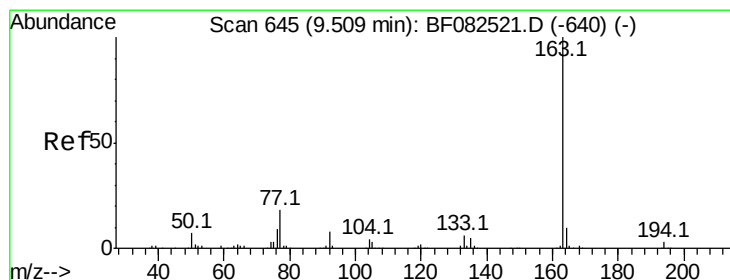
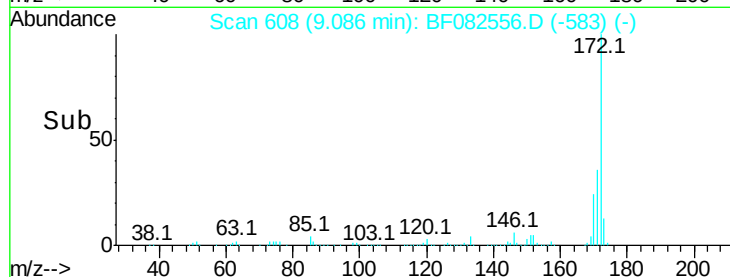
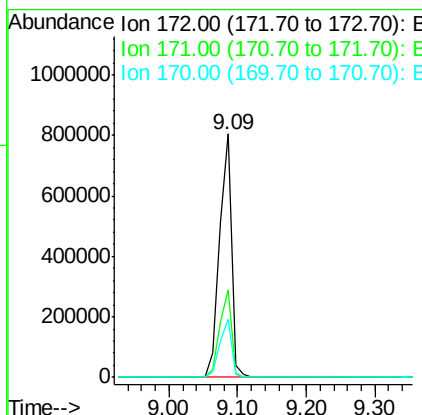
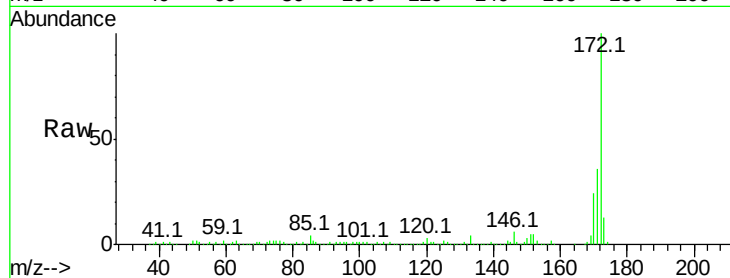




#44
 2-Fluorobiphenyl
 Concen: 114.76 ng
 RT: 9.09 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF082556.D
 Acq: 27 Oct 2015 19:46

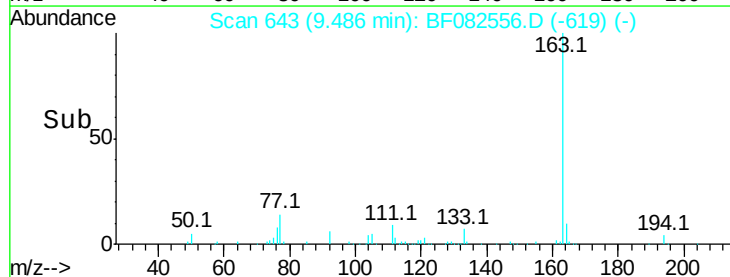
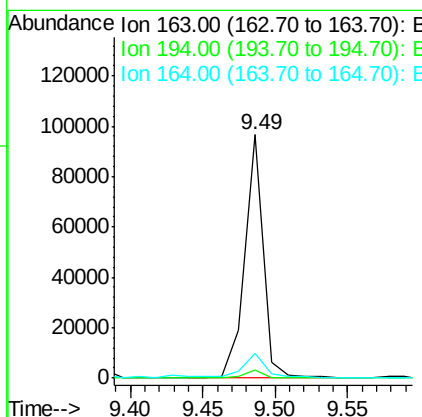
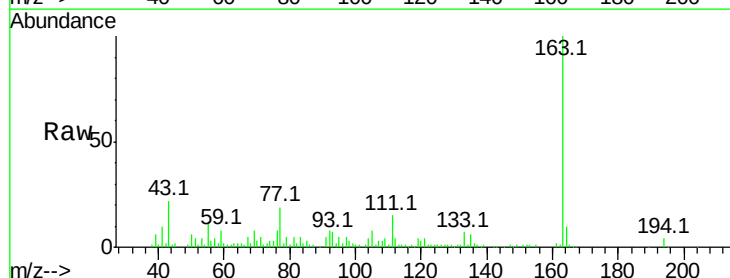
Instrument :
 BNA_F
 ClientSampleId :
 WOOD-1

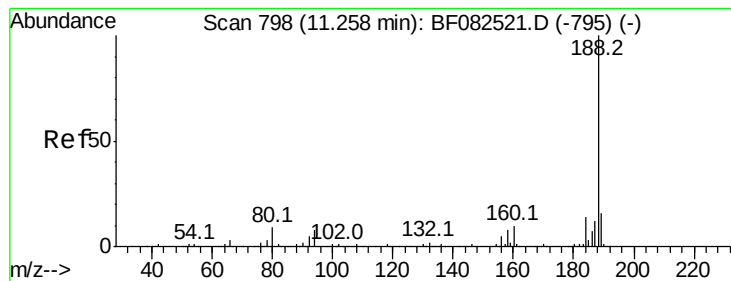
Tot Ion:172 Resp: 998864
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.3 43.9
 170 23.6 19.8 29.6



#49
 Dimethylphthalate
 Concen: 8.92 ng
 RT: 9.49 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF082556.D
 Acq: 27 Oct 2015 19:46

Tgt Ion:163 Resp: 85921
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 10.4 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.23 min Scan# 796

Delta R.T. -0.02 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

Instrument :

BNA_F

ClientSampleId :

WOOD-1

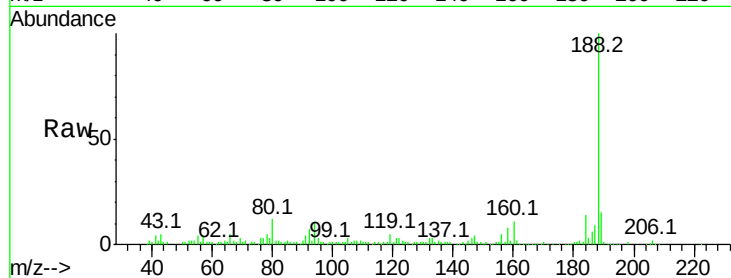
Tot Ion:188 Resp: 219591

Ion Ratio Lower Upper

188 100

94 11.4 6.4 9.6#

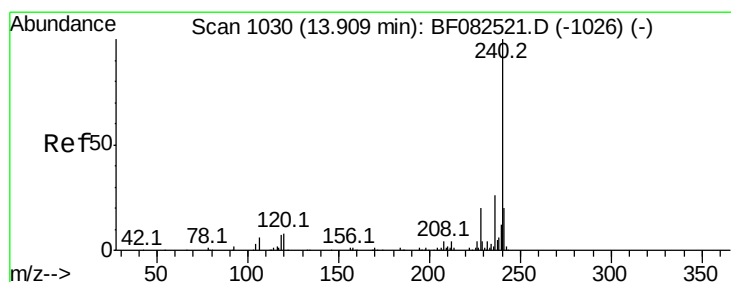
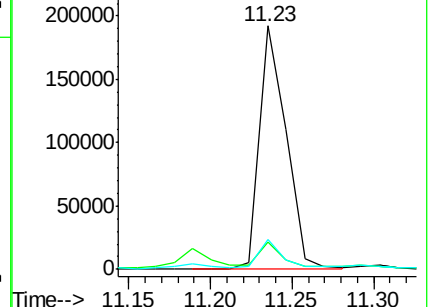
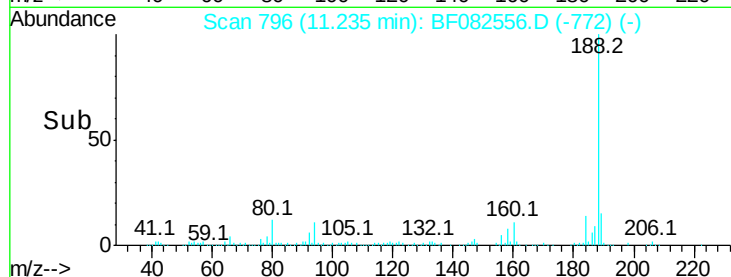
80 12.0 7.0 10.6#



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: 13.90 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

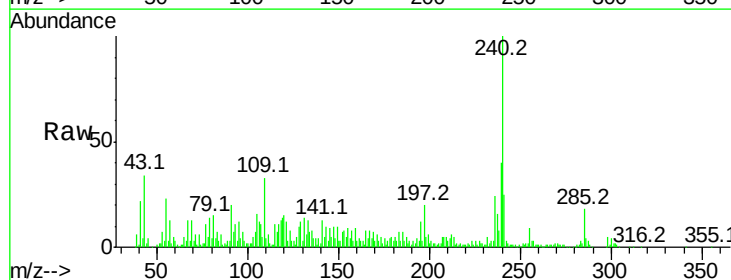
Tgt Ion:240 Resp: 168438

Ion Ratio Lower Upper

240 100

120 14.9 6.5 9.7#

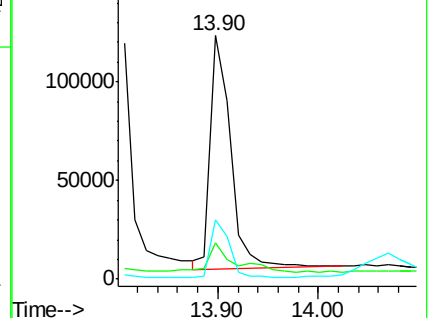
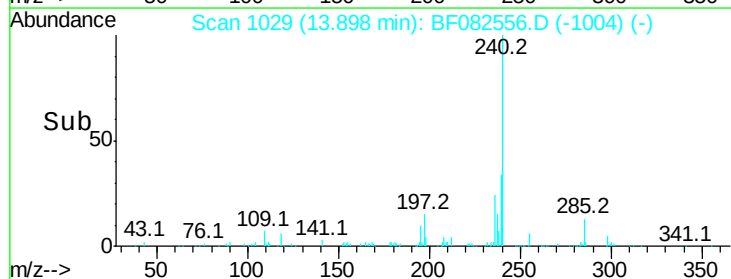
236 24.3 20.5 30.7

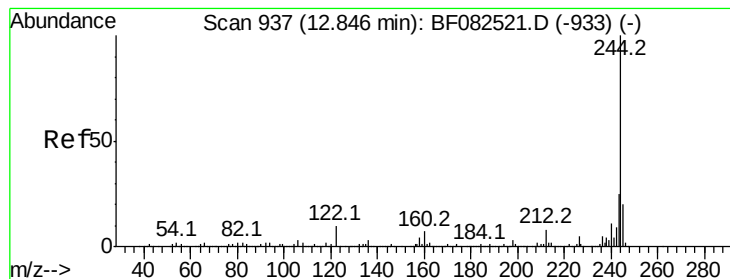


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 115.74 ng

RT: 12.83 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

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WOOD-1

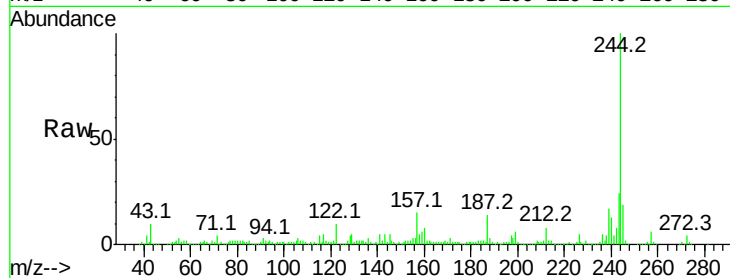
Tot Ion:244 Resp: 676669

Ion Ratio Lower Upper

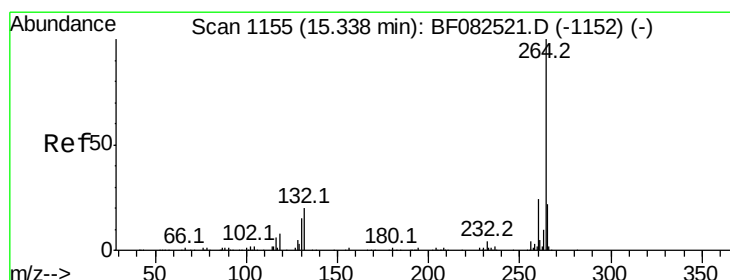
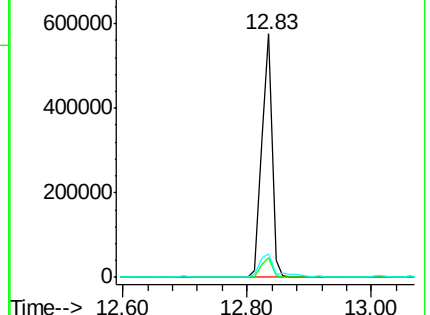
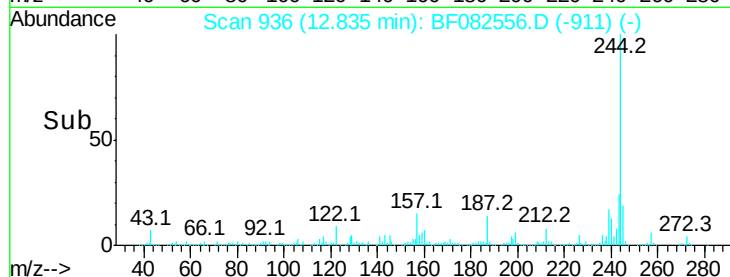
244 100

212 8.0 6.4 9.6

122 9.5 8.1 12.1



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: 15.35 min Scan# 1156

Delta R.T. 0.01 min

Lab File: BF082556.D

Acq: 27 Oct 2015 19:46

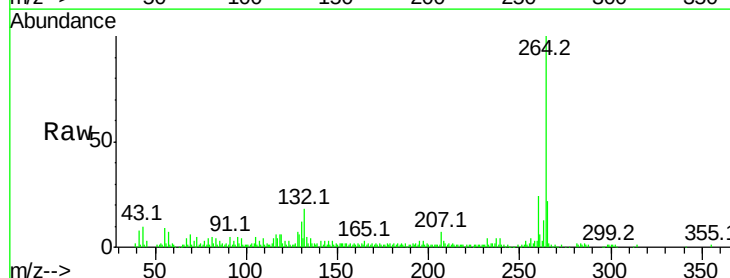
Tgt Ion:264 Resp: 158834

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.7 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

