

Data Path : V:\HPCHEM1\BNA F\DATA\BF112015\
 Data File : BF083101.D
 Acq On : 21 Nov 2015 3:32
 Operator : UM/IZ
 Sample : G4485-05
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-04

Quant Time: Nov 21 04:29:48 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

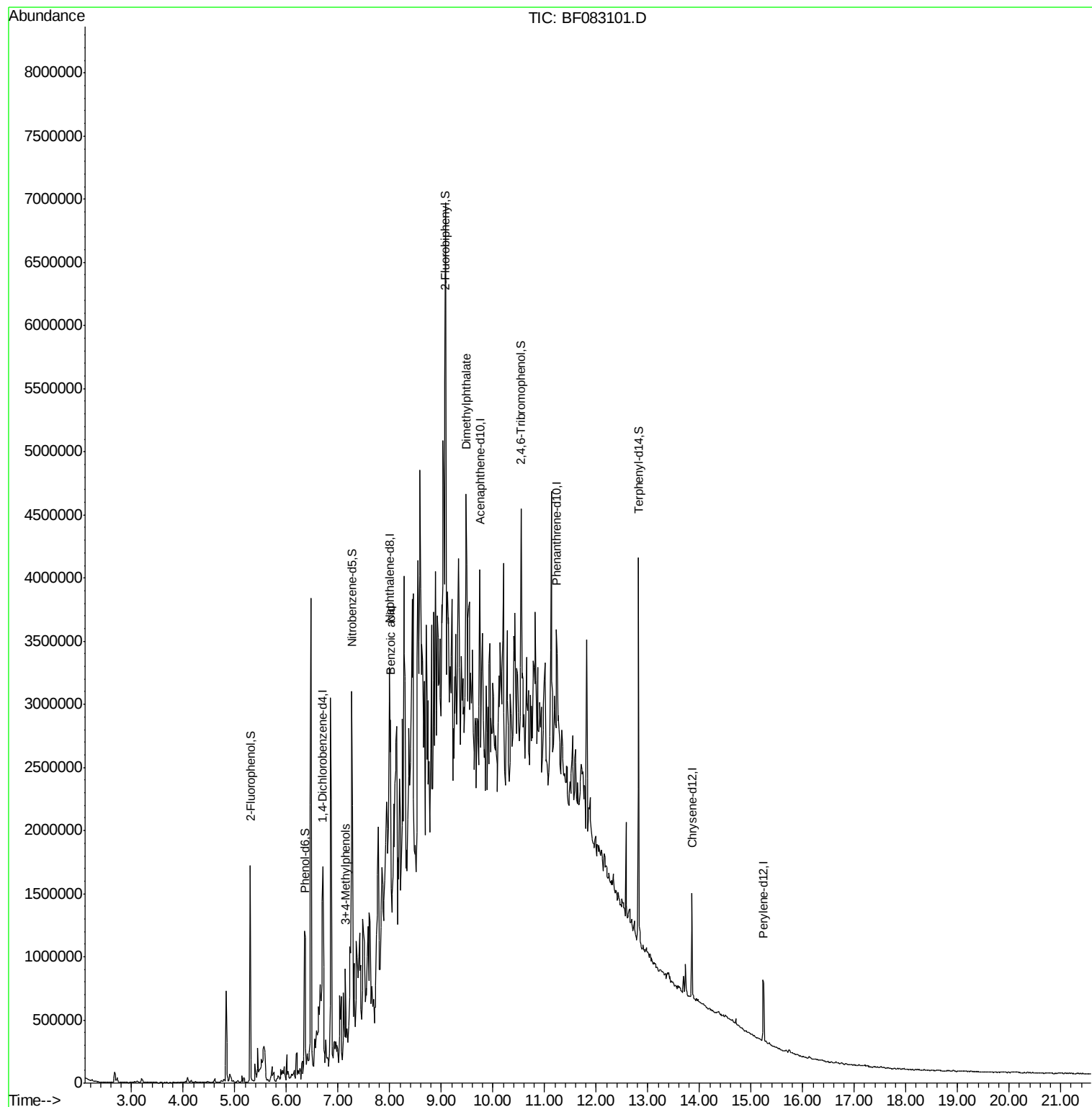
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	144649	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	494884	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	240661	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	355003	20.00	ng	0.01
75) Chrysene-d12	13.86	240	382608	20.00	ng	0.00
86) Perylene-d12	15.24	264	294055	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	699614	75.12	ng	0.01
7) Phenol-d6	6.36	99	613441	50.01	ng	0.01
23) Nitrobenzene-d5	7.26	82	899896	83.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	284362	111.29	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1521892	85.17	ng	0.00
78) Terphenyl-d14	12.82	244	1023179	63.13	ng	0.01
Target Compounds						Qvalue
20) 3+4-Methylphenols	7.14	107	138921	12.29	ng	87
32) Benzoic acid	8.02	122	1611733	336.26	ng	99
49) Dimethylphthalate	9.48	163	126398	6.38	ng	# 81

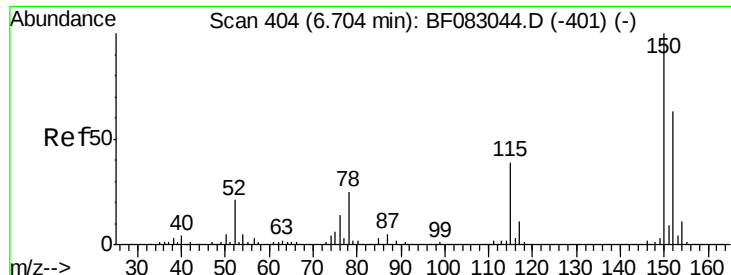
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 404

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

MW-04

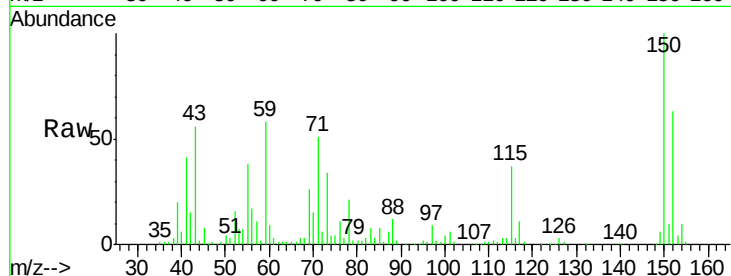
Tot Ion:152 Resp: 144649

Ion Ratio Lower Upper

152 100

150 159.2 126.4 189.6

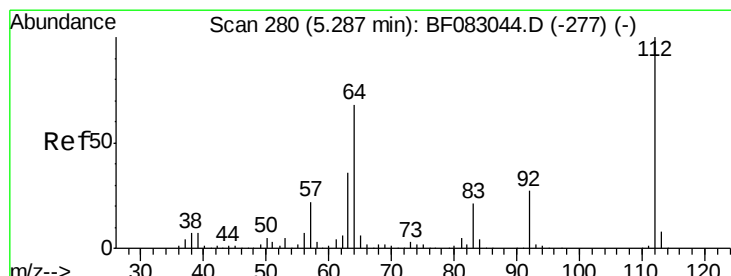
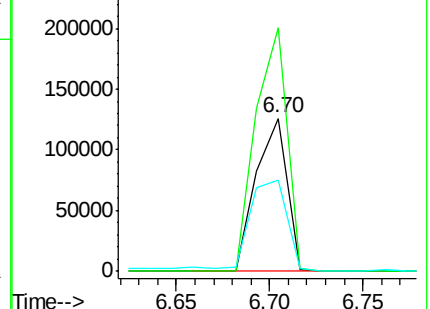
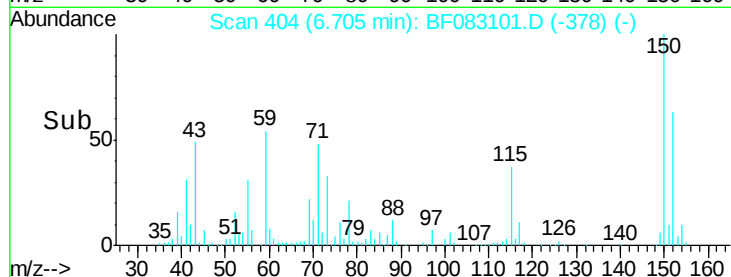
115 59.6 49.0 73.6



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: 75.12 ng

RT: 5.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

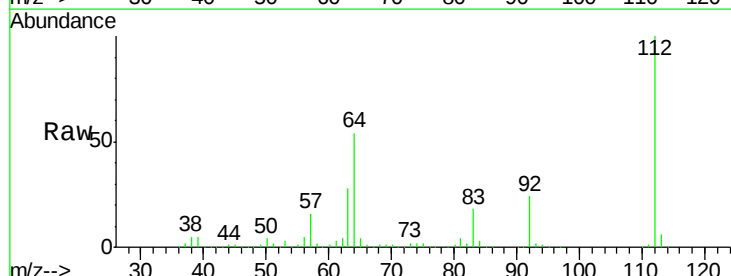
Tgt Ion:112 Resp: 699614

Ion Ratio Lower Upper

112 100

64 53.6 54.8 82.2#

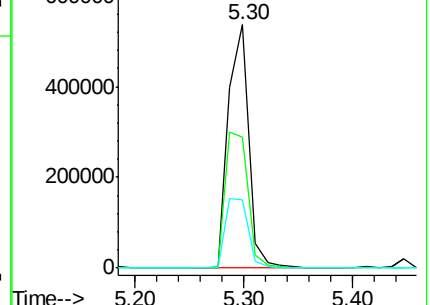
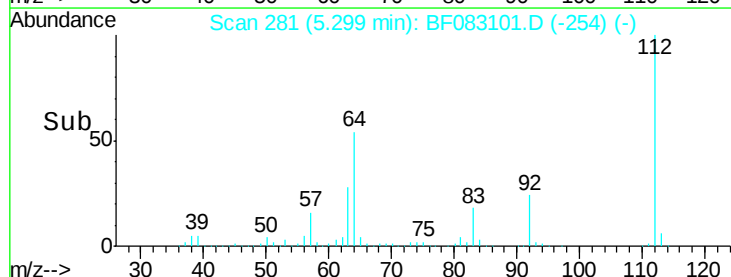
63 27.8 29.0 43.4#

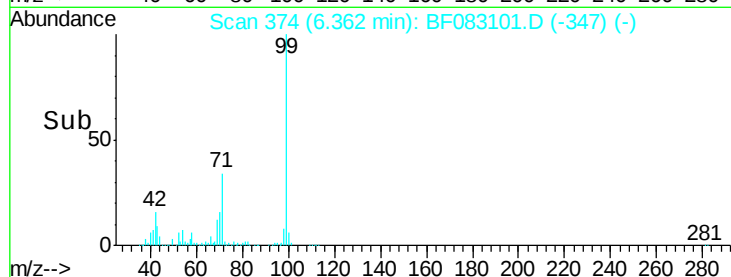
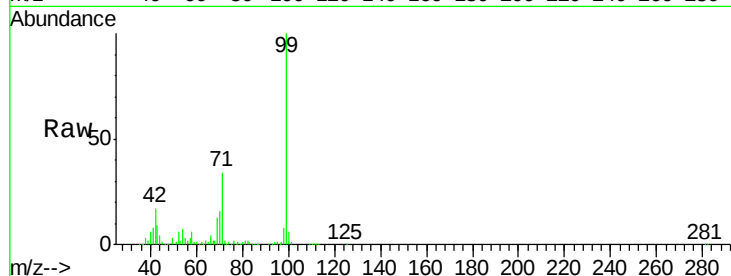
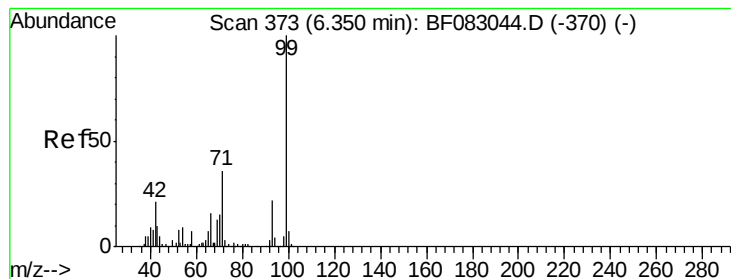


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 50.01 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampled :

MW-04

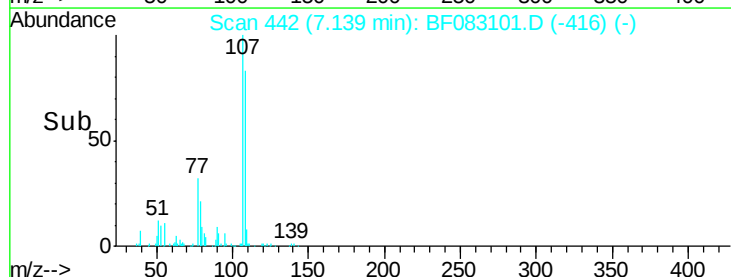
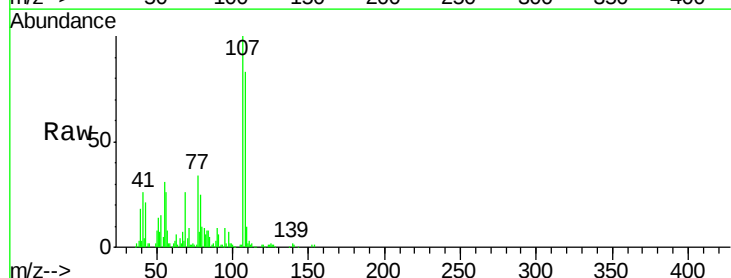
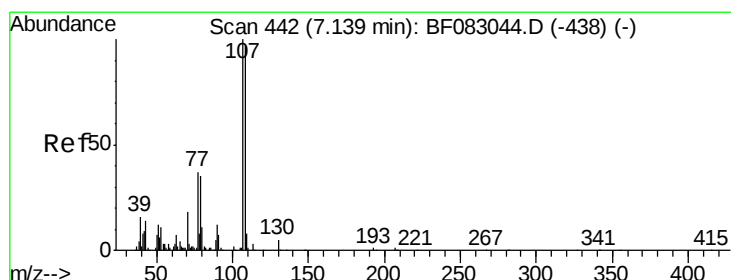
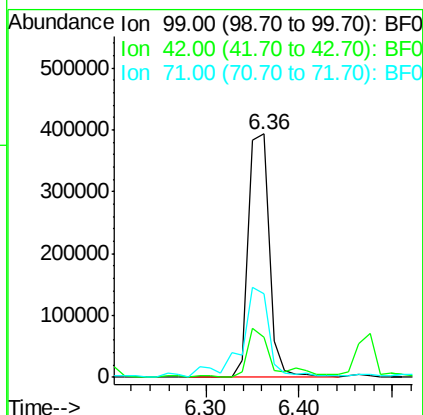
Tot Ion: 99 Resp: 613441

Ion Ratio Lower Upper

99 100

42 16.6 16.6 25.0#

71 34.5 29.2 43.8



#20

3+4-Methylphenols

Concen: 12.29 ng

RT: 7.14 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Tgt Ion:107 Resp: 138921

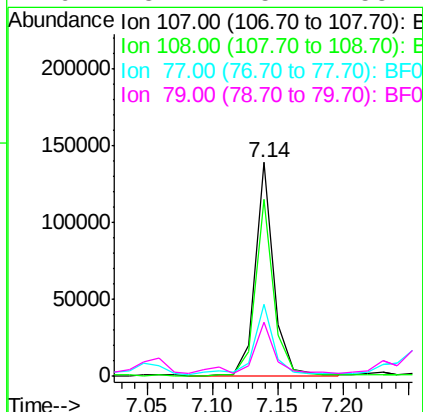
Ion Ratio Lower Upper

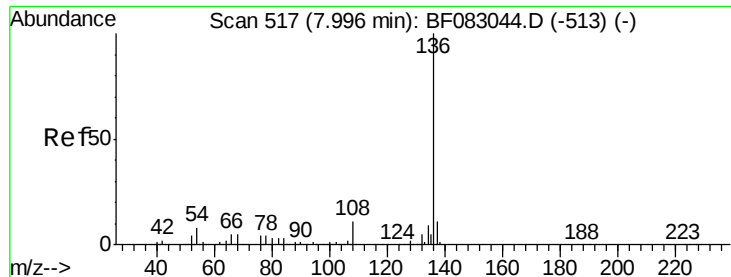
107 100

108 82.8 77.4 117.4

77 33.8 16.7 56.7

79 25.2 15.2 55.2





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 517

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

MW-04

Tot Ion:136 Resp: 494884

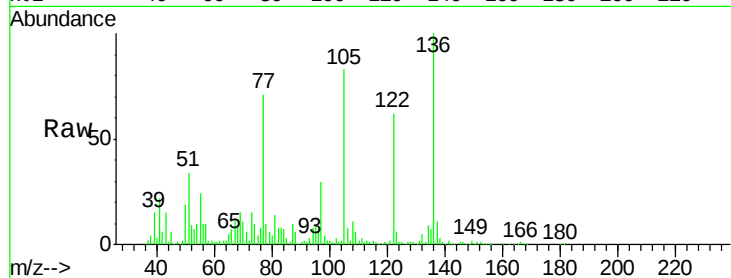
Ion Ratio Lower Upper

136 100

137 10.9 8.6 12.8

54 9.5 6.2 9.2#

68 7.7 4.2 6.2#

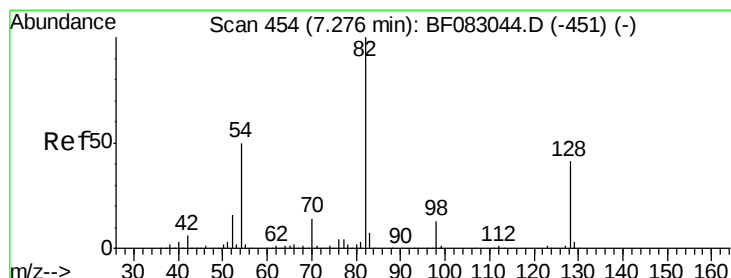
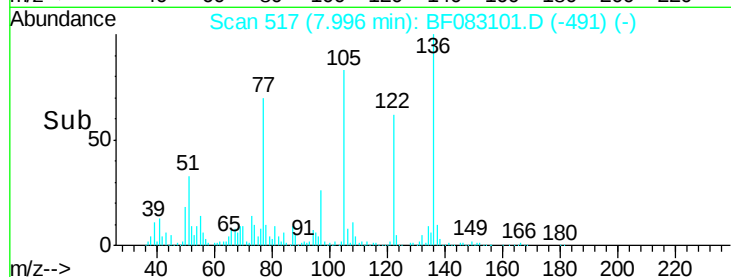
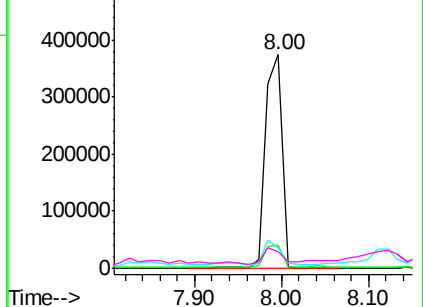


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.25 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

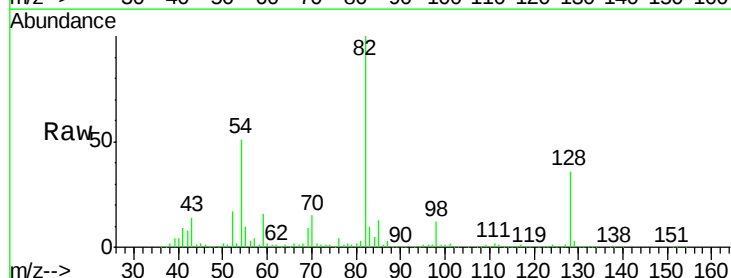
Tgt Ion: 82 Resp: 899896

Ion Ratio Lower Upper

82 100

128 35.8 33.1 49.7

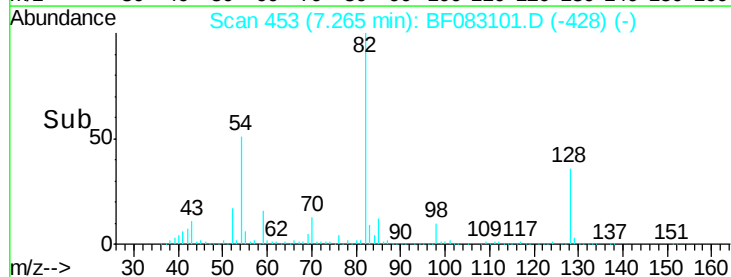
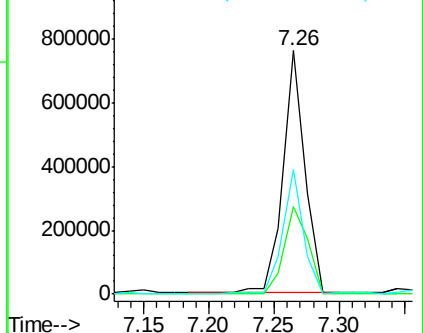
54 51.4 39.8 59.6

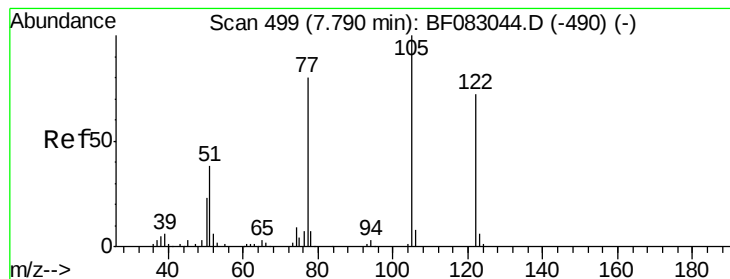


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 336.26 ng

RT: 8.02 min Scan# 519

Delta R.T. 0.23 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

MW-04

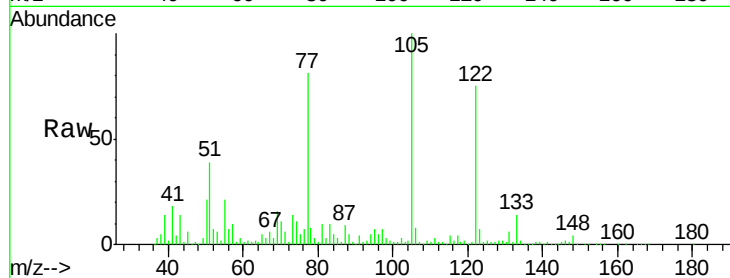
Tot Ion:122 Resp: 1611733

Ion Ratio Lower Upper

122 100

105 134.1 115.0 155.0

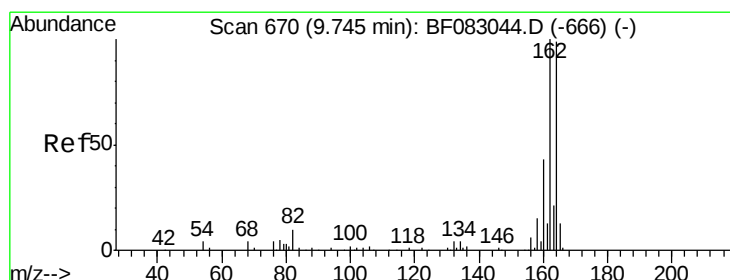
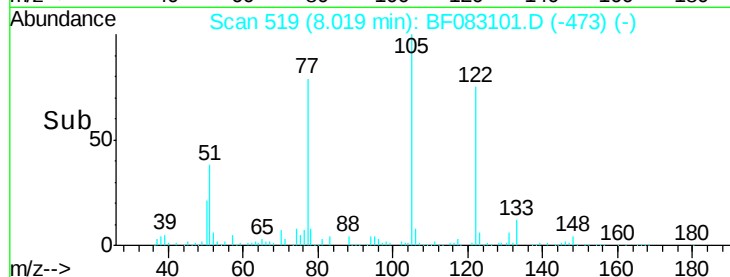
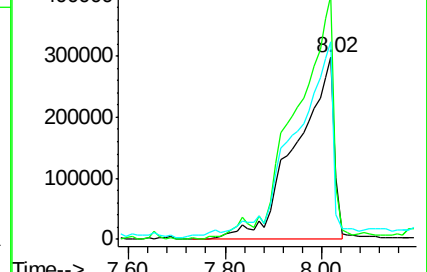
77 108.7 89.0 129.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

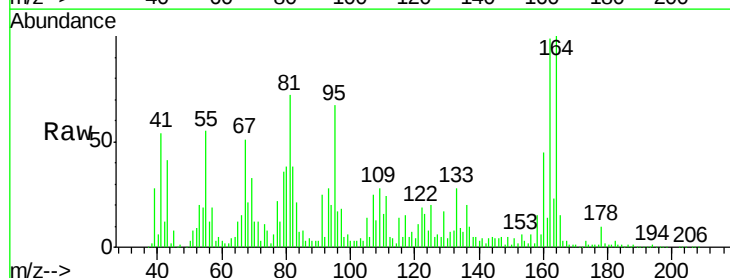
Tgt Ion:164 Resp: 240661

Ion Ratio Lower Upper

164 100

162 99.3 80.5 120.7

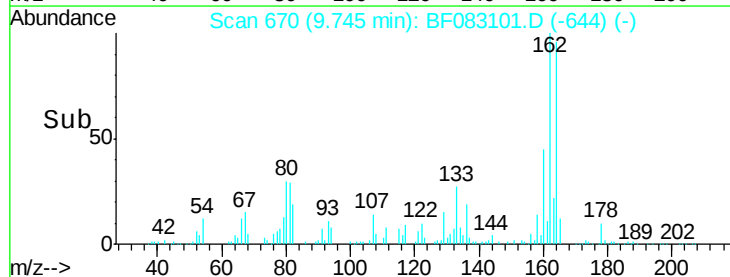
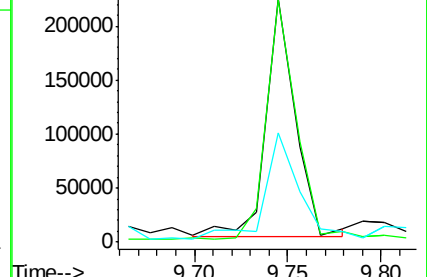
160 44.8 35.0 52.4

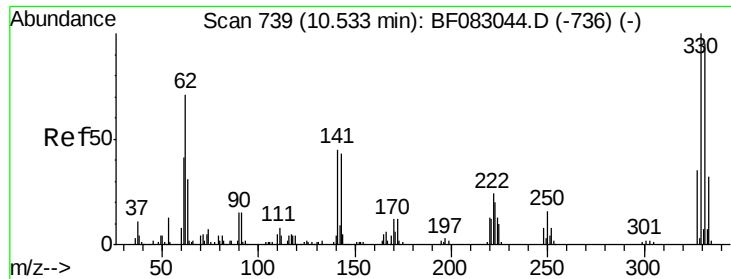


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

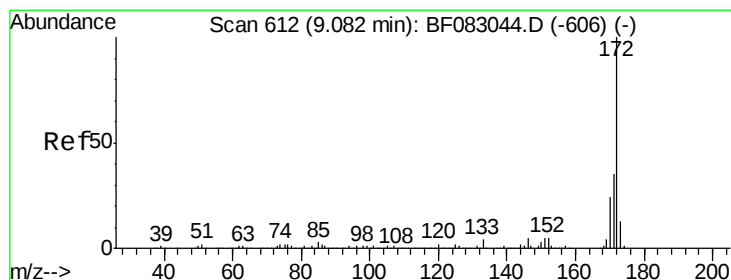
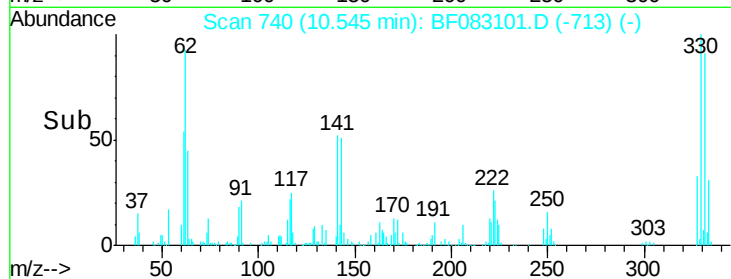
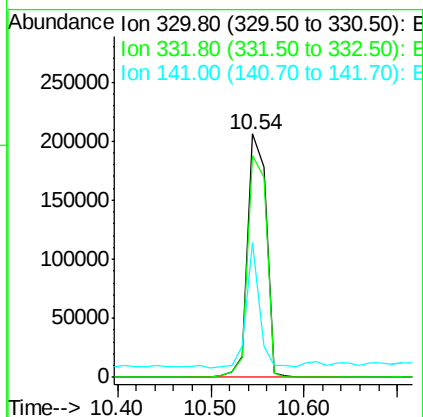
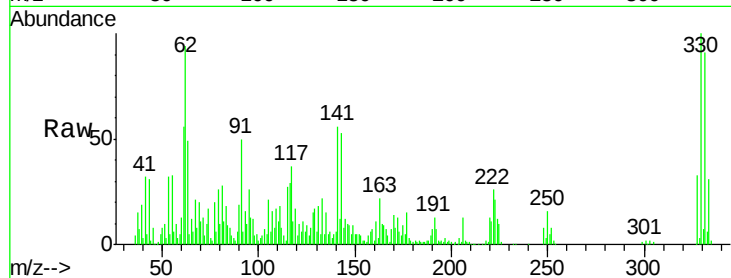




#41
 2,4,6-Tribromophenol
 Concen: 111.29 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: BF083101.D
 Acq: 21 Nov 2015 3:32

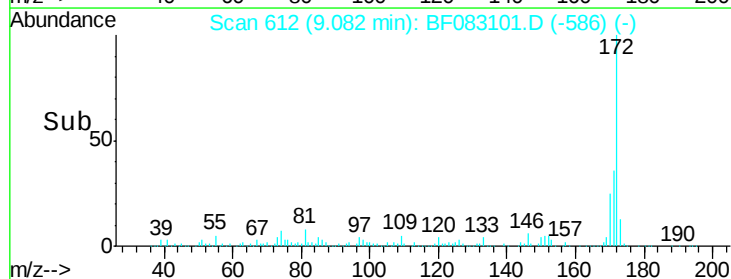
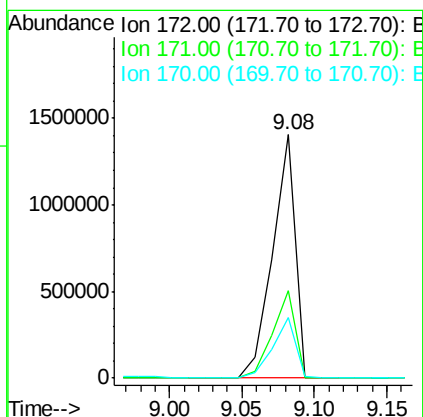
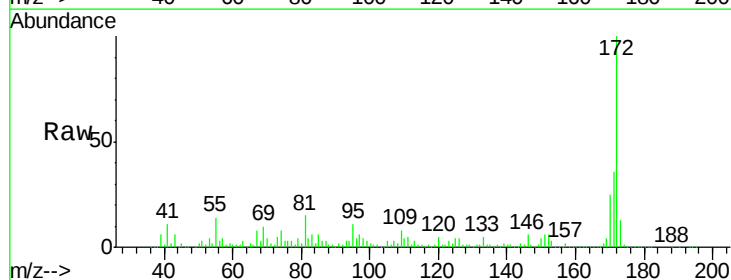
Instrument :
 BNA_F
 ClientSampled :
 MW-04

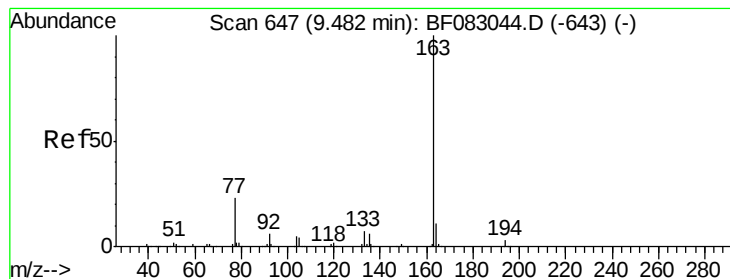
Tot Ion:330 Resp: 284362
 Ion Ratio Lower Upper
 330 100
 332 93.0 77.6 116.4
 141 36.6 34.6 52.0



#44
 2-Fluorobiphenyl
 Concen: 85.17 ng
 RT: 9.08 min Scan# 612
 Delta R.T. 0.00 min
 Lab File: BF083101.D
 Acq: 21 Nov 2015 3:32

Tgt Ion:172 Resp: 1521892
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.2 42.4
 170 24.9 19.4 29.0





#49

Dimethylphthalate

Concen: 6.38 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

MW-04

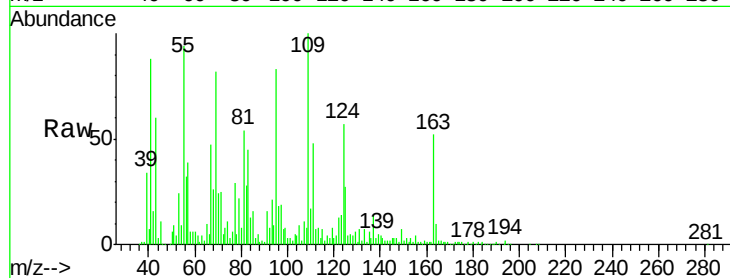
Tot Ion:163 Resp: 126398

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

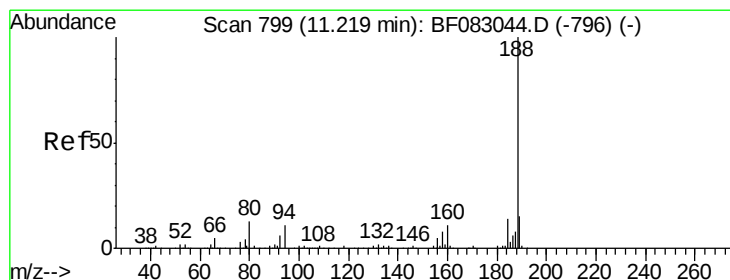
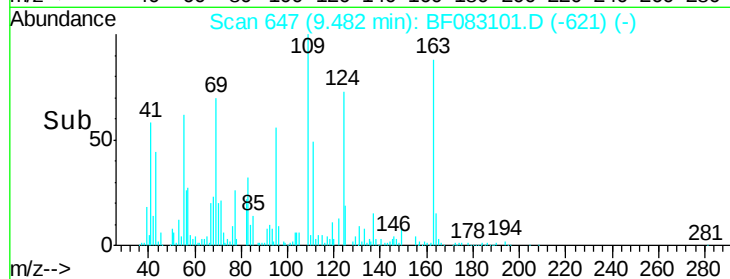
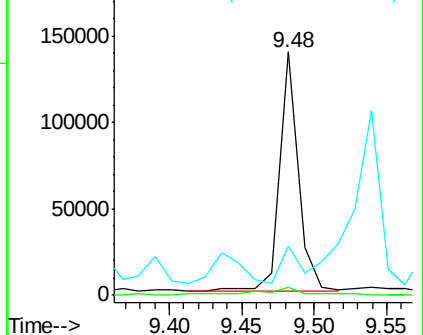
164 20.1 8.5 12.7#



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: 11.23 min Scan# 800

Delta R.T. 0.01 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

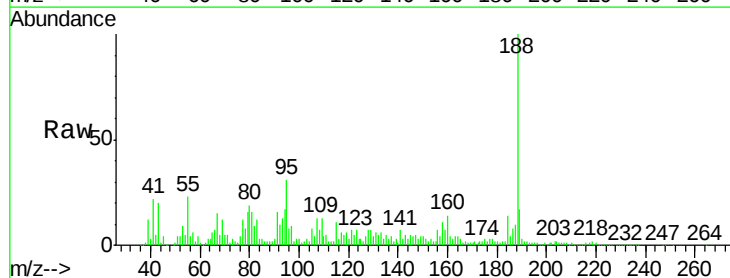
Tgt Ion:188 Resp: 355003

Ion Ratio Lower Upper

188 100

94 17.1 9.0 13.4#

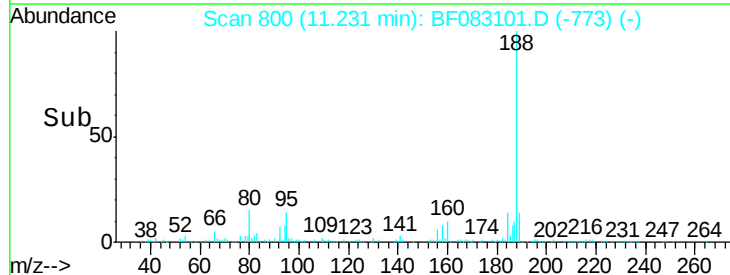
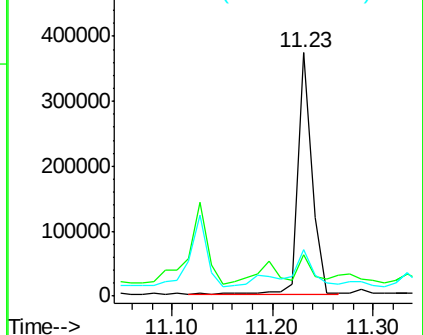
80 19.3 10.2 15.4#

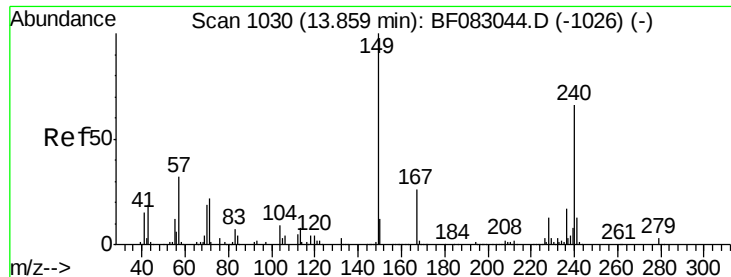


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

Instrument :

BNA_F

ClientSampleId :

MW-04

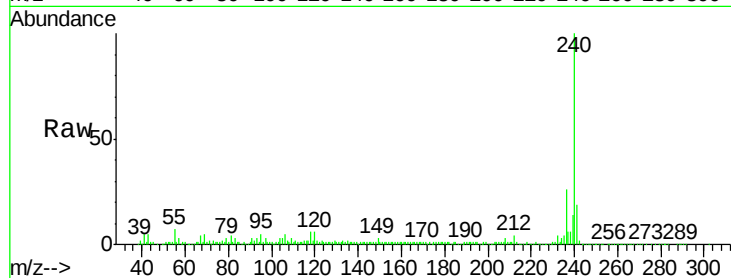
Tot Ion:240 Resp: 382608

Ion Ratio Lower Upper

240 100

120 6.1 5.3 7.9

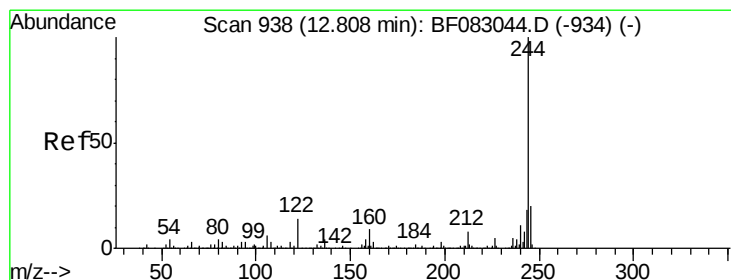
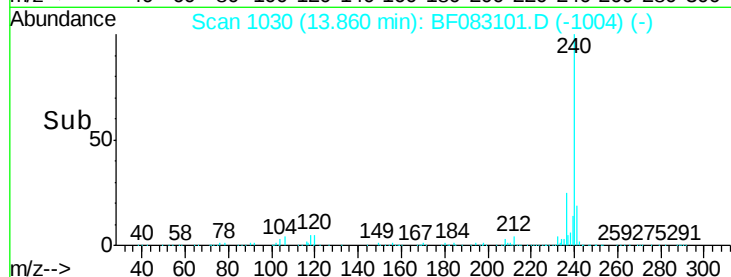
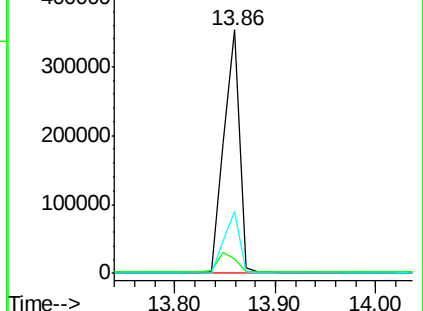
236 25.5 20.4 30.6



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: 63.13 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083101.D

Acq: 21 Nov 2015 3:32

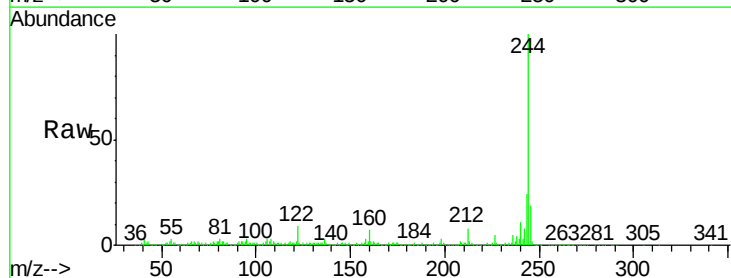
Tgt Ion:244 Resp: 1023179

Ion Ratio Lower Upper

244 100

212 7.6 6.4 9.6

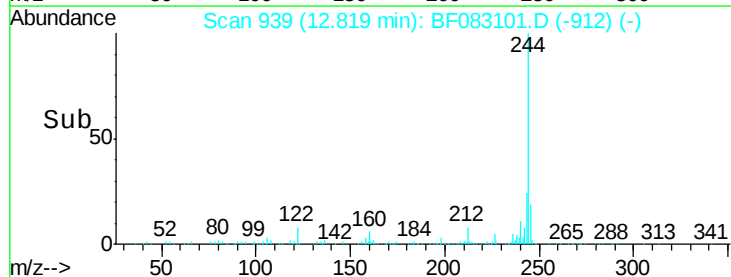
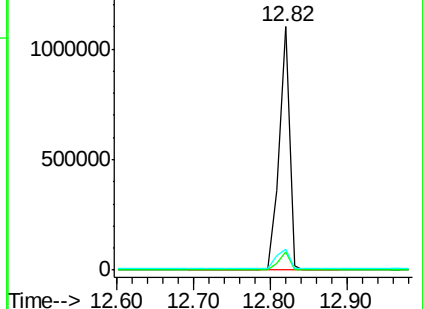
122 8.5 10.9 16.3#

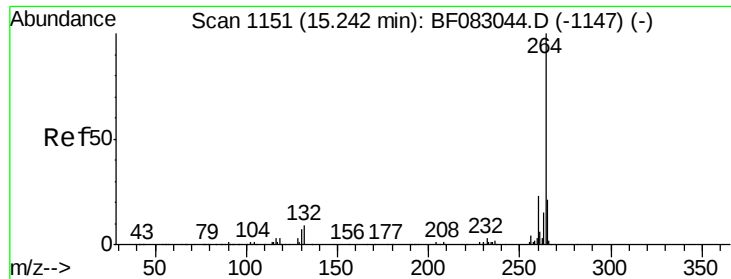


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

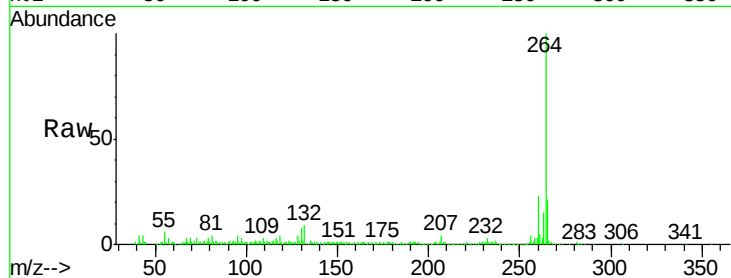




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1151
Delta R.T. 0.00 min
Lab File: BF083101.D
Acq: 21 Nov 2015 3:32

Instrument :
BNA_F
ClientSampleId :
MW-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	27.8
265	21.3	17.0	25.6



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

