

Data Path : Z:\HPCHEM1\BNA M\DATA\BM033117\
 Data File : BM009491.D
 Acq On : 01 Apr 2017 01:32
 Operator : SJ/MA
 Sample : I2503-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Quant Time: Apr 01 02:15:56 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 12:10:26 2017
 Response via : Initial Calibration

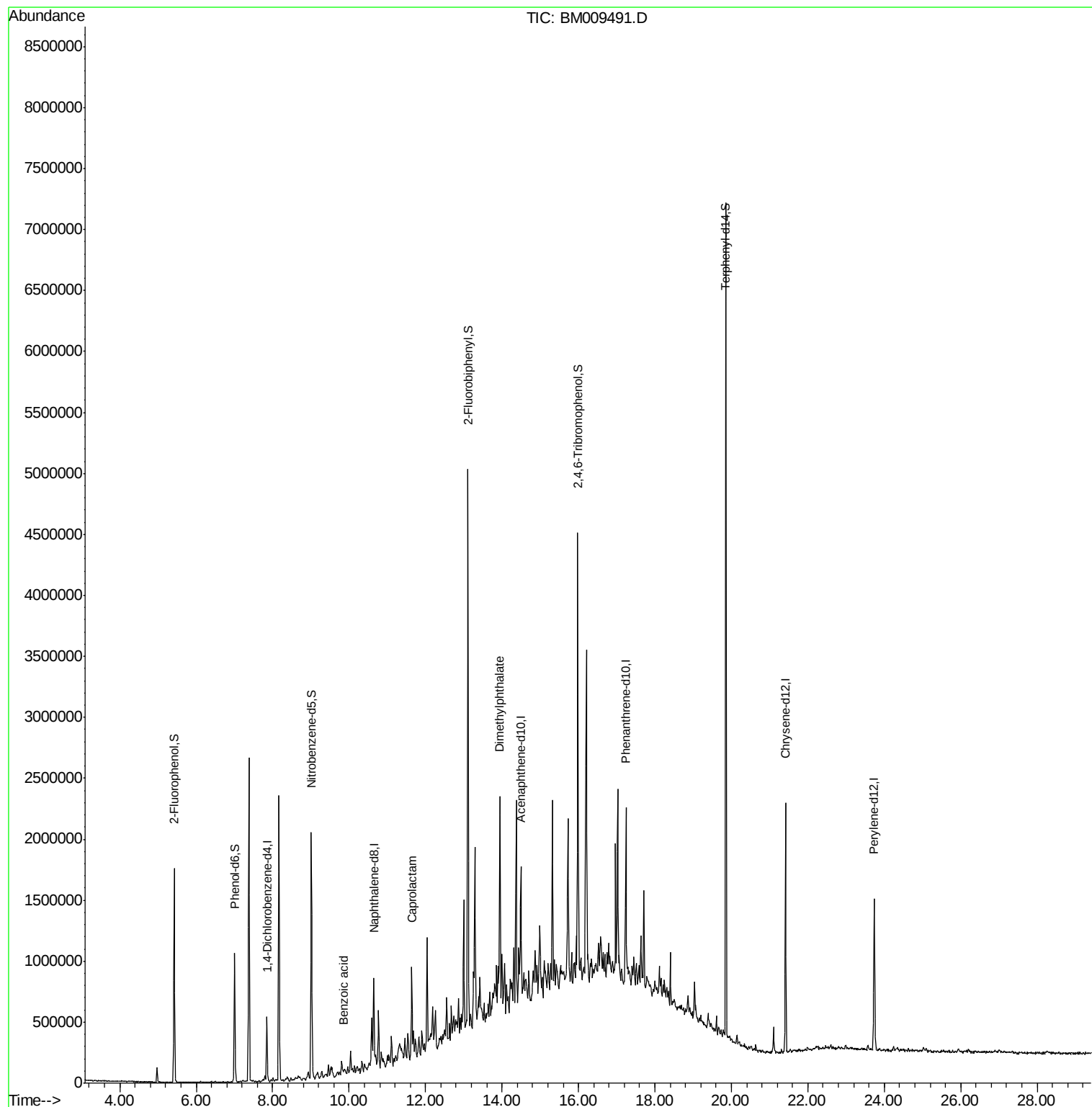
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	117958	20.00	ng	-0.02
21) Naphthalene-d8	10.65	136	458912	20.00	ng	-0.02
38) Acenaphthene-d10	14.49	164	282261	20.00	ng	-0.01
63) Phenanthrene-d10	17.24	188	706831	20.00	ng	-0.01
75) Chrysene-d12	21.42	240	941588	20.00	ng	-0.01
86) Perylene-d12	23.74	264	884739	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	565501	79.91	ng	-0.01
7) Phenol-d6	7.00	99	490641	50.84	ng	-0.02
23) Nitrobenzene-d5	9.01	82	1112797	90.92	ng	-0.02
41) 2,4,6-Tribromophenol	15.99	330	565463	161.26	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	2195785	93.74	ng	-0.01
78) Terphenyl-d14	19.86	244	2694008	59.79	ng	-0.01
Target Compounds						
32) Benzoic acid	9.87	122	108	3.65	ng	# 1
35) Caprolactam	11.64	113	22739	10.77	ng	# 1
49) Dimethylphthalate	13.94	163	46212	2.13	ng	# 96

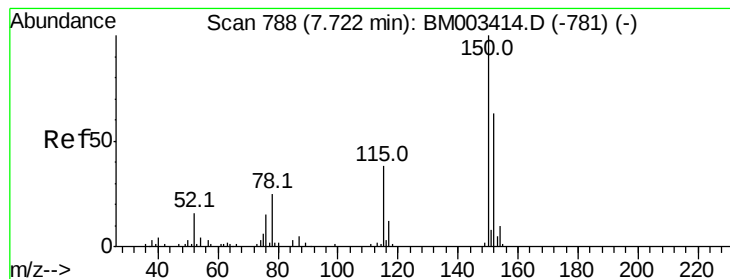
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.85 min Scan# 809

Delta R.T. -0.02 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampleId :

GW-1

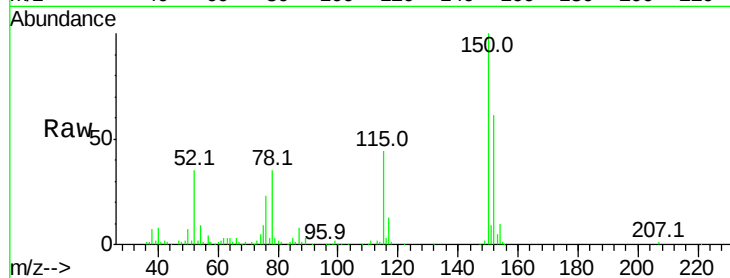
Tot Ion:152 Resp: 117958

Ion Ratio Lower Upper

152 100

150 164.9 119.5 179.3

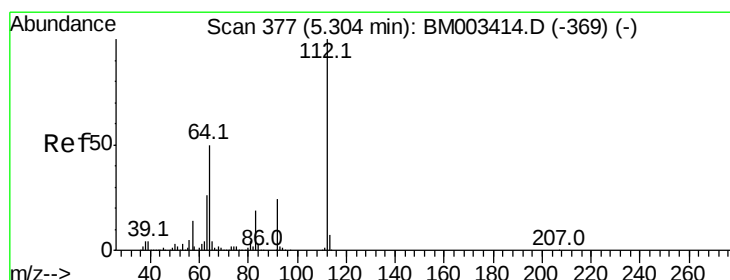
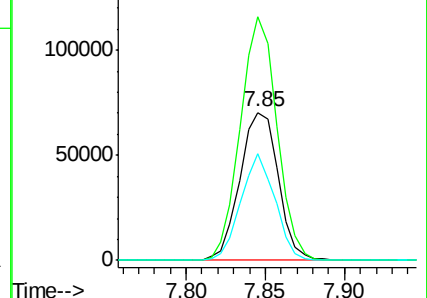
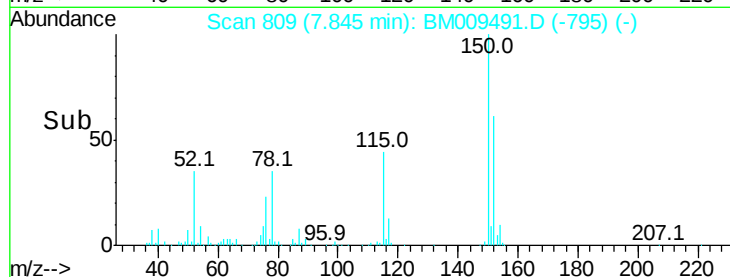
115 72.5 43.0 64.4#



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: 79.91 ng

RT: 5.42 min Scan# 397

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

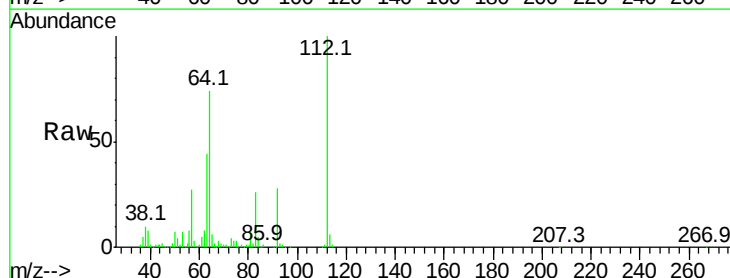
Tgt Ion:112 Resp: 565501

Ion Ratio Lower Upper

112 100

64 74.4 38.6 57.8#

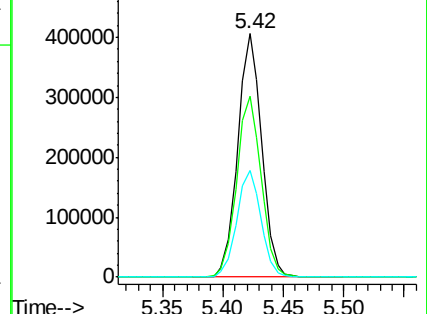
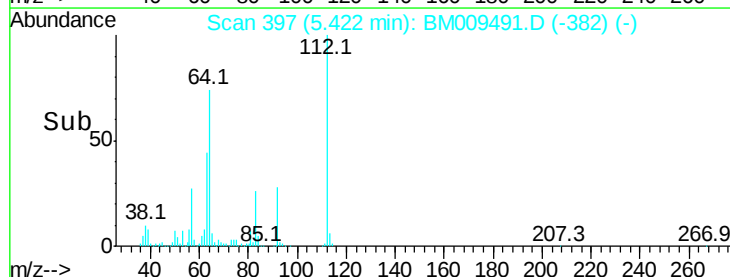
63 43.7 19.3 28.9#

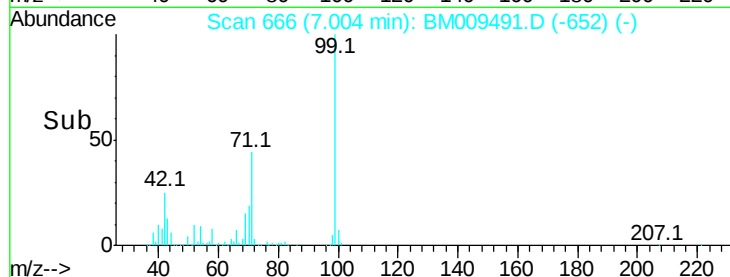
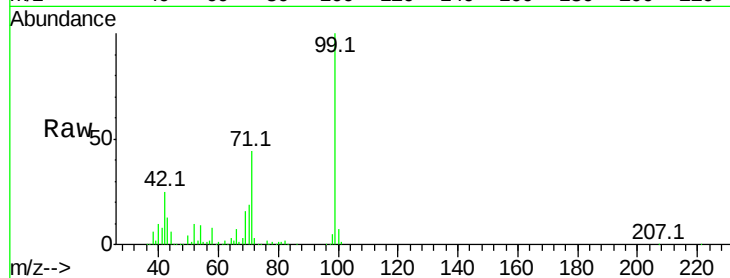
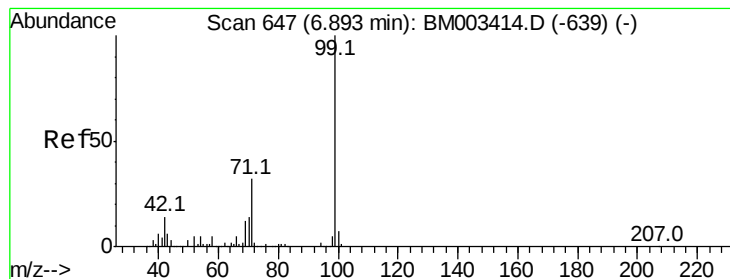


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: 50.84 ng

RT: 7.00 min Scan# 666

Delta R.T. -0.02 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampleId :

GW-1

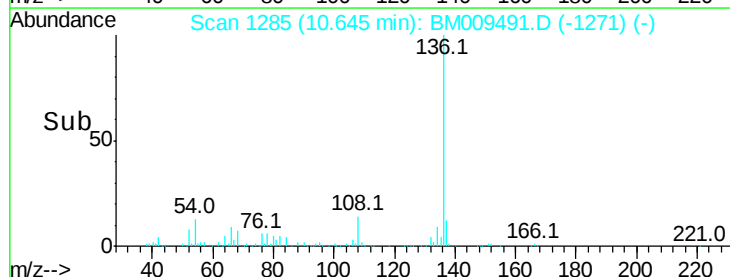
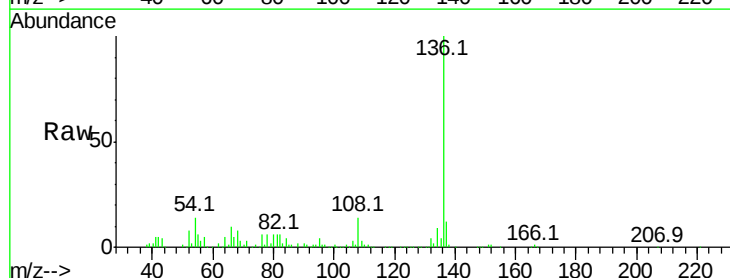
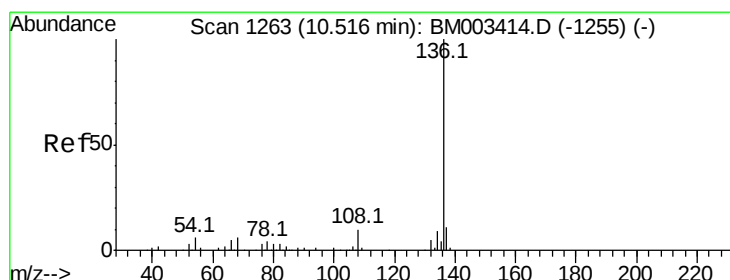
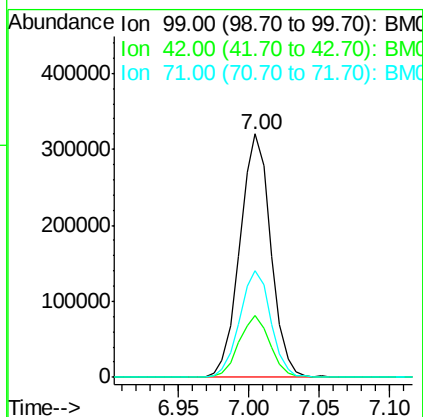
Tot Ion: 99 Resp: 490641

Ion Ratio Lower Upper

99 100

42 25.5 11.0 16.4#

71 43.8 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.65 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Tgt Ion: 136 Resp: 458912

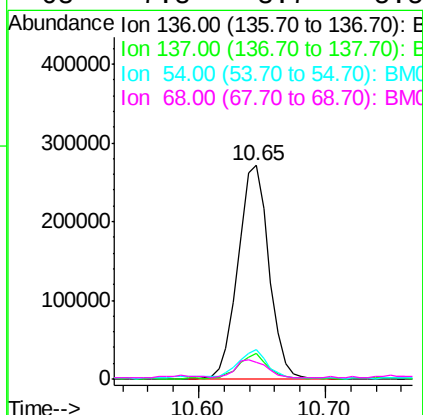
Ion Ratio Lower Upper

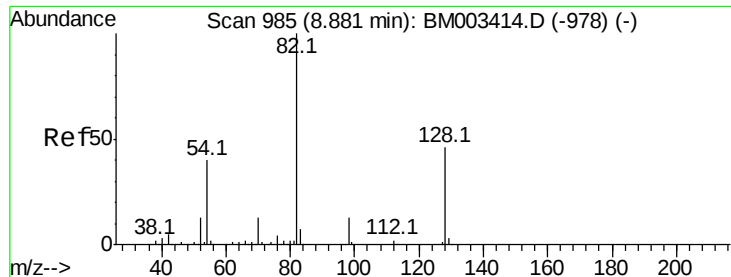
136 100

137 12.0 8.7 13.1

54 13.6 4.6 6.8#

68 7.8 3.7 5.5#

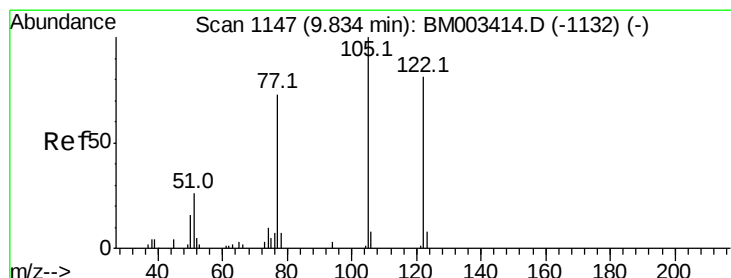
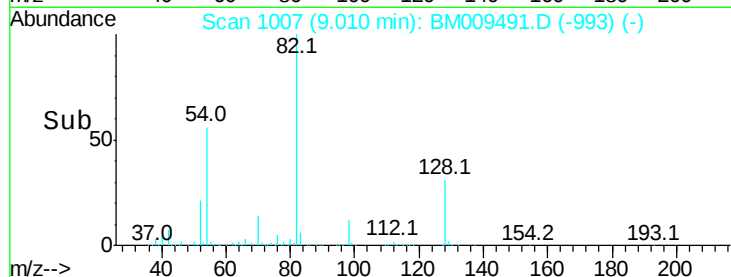
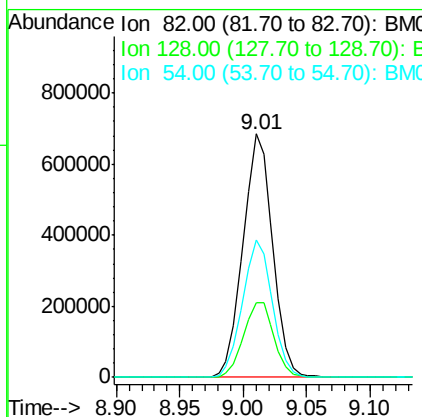
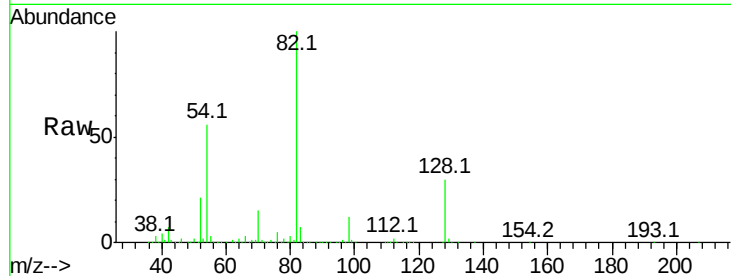




#23
 Nitrobenzene-d5
 Concen: 90.92 ng
 RT: 9.01 min Scan# 1007
 Delta R.T. -0.02 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

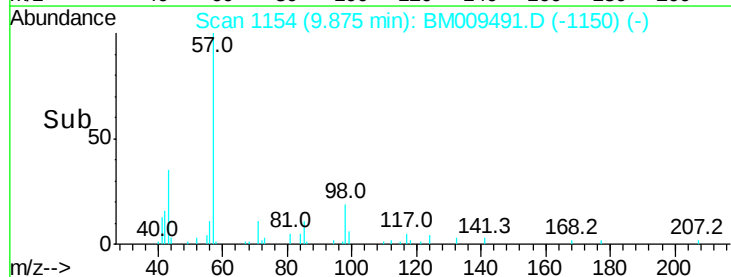
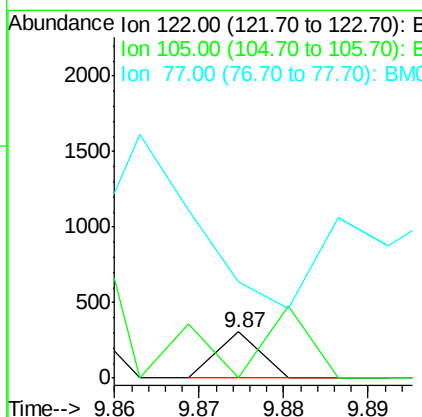
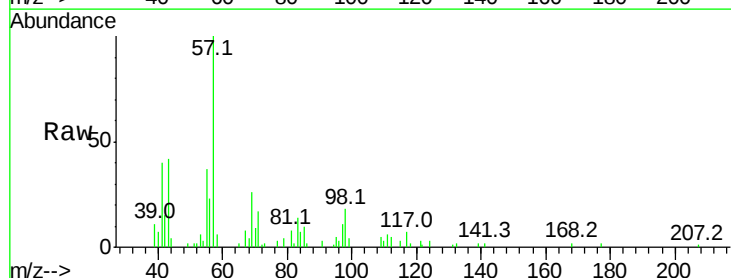
Instrument :
 BNA_M
 ClientSampled :
 GW-1

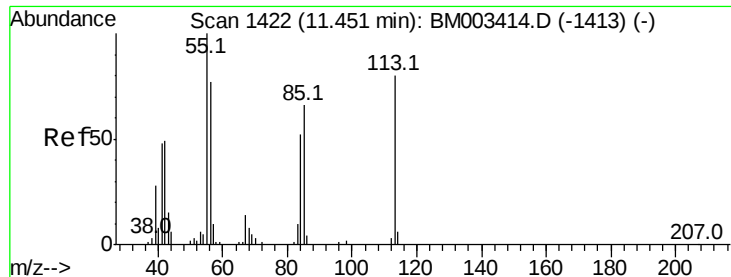
Tot Ion: 82 Resp: 1112797
 Ion Ratio Lower Upper
 82 100
 128 30.5 32.8 49.2#
 54 56.4 40.6 60.8



#32
 Benzoic acid
 Concen: 3.65 ng
 RT: 9.87 min Scan# 1154
 Delta R.T. -0.08 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:122 Resp: 108
 Ion Ratio Lower Upper
 122 100
 105 0.0 99.9 139.9#
 77 207.5 73.7 113.7#





#35

Caprolactam

Concen: 10.77 ng

RT: 11.64 min Scan# 1454

Delta R.T. 0.03 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampleId :

GW-1

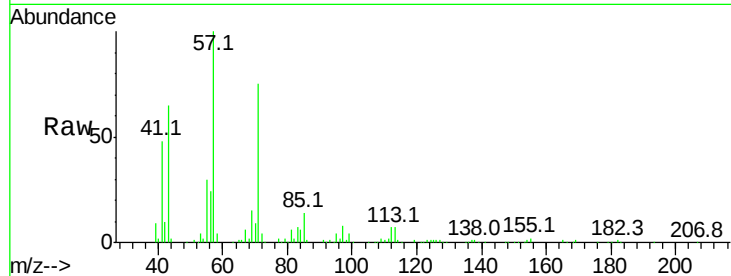
Tot Ion:113 Resp: 22739

Ion Ratio Lower Upper

113 100

55 410.7 145.9 185.9#

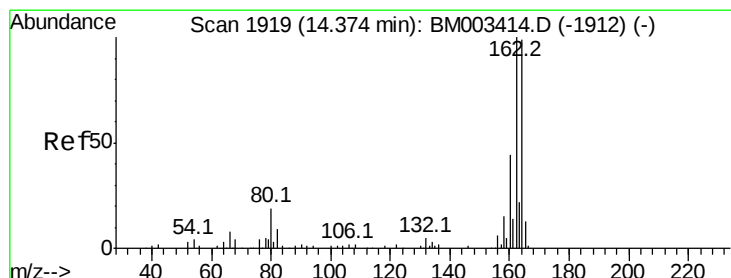
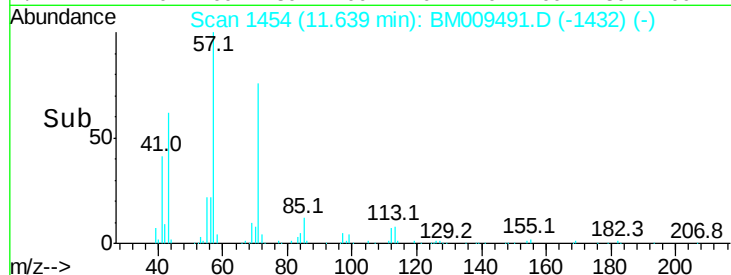
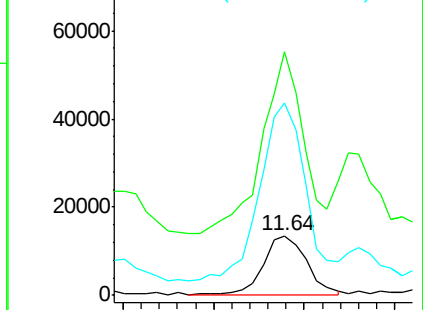
56 323.7 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.49 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

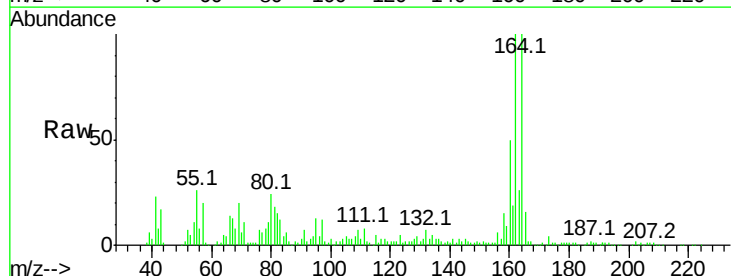
Tgt Ion:164 Resp: 282261

Ion Ratio Lower Upper

164 100

162 100.0 82.4 123.6

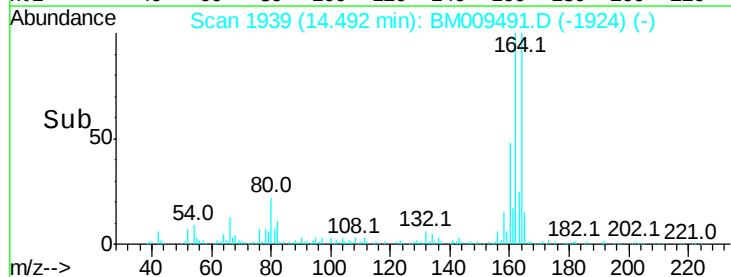
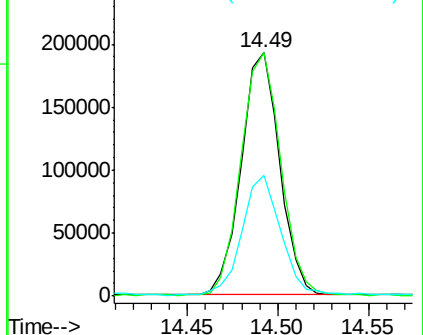
160 49.7 35.8 53.6

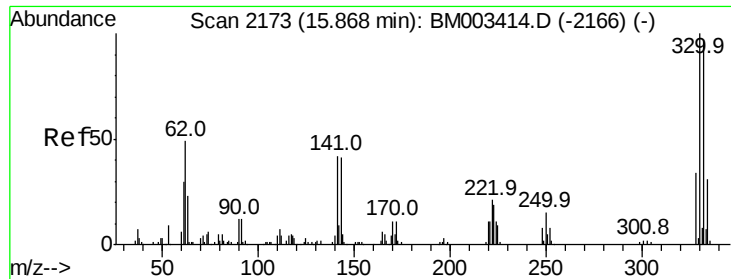


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

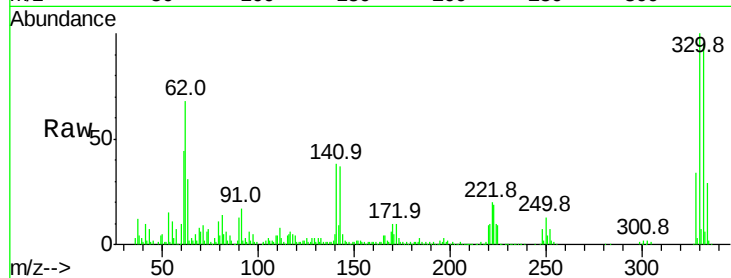




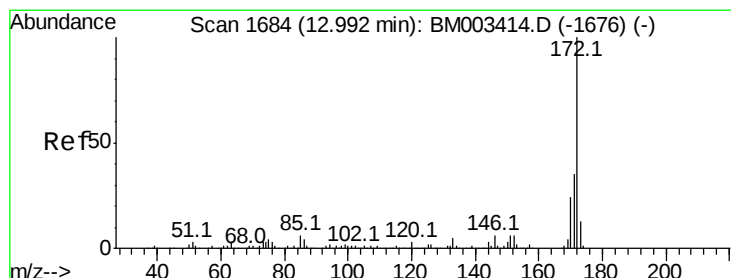
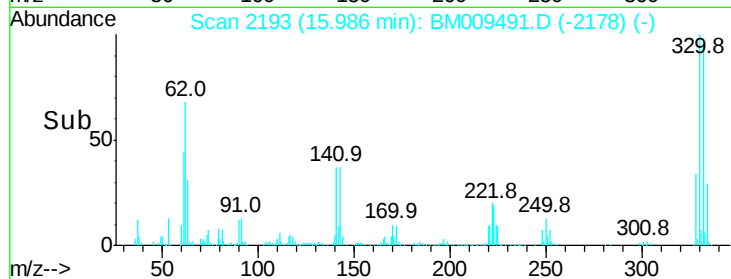
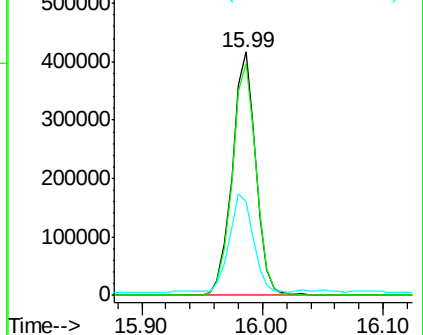
#41
 2,4,6-Tribromophenol
 Concen: 161.26 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Instrument :
 BNA_M
 ClientSampled :
 GW-1

Tot Ion:330 Resp: 565463
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 41.1 0.0 0.0#

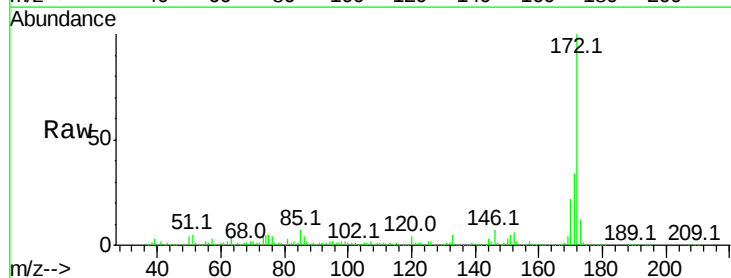


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

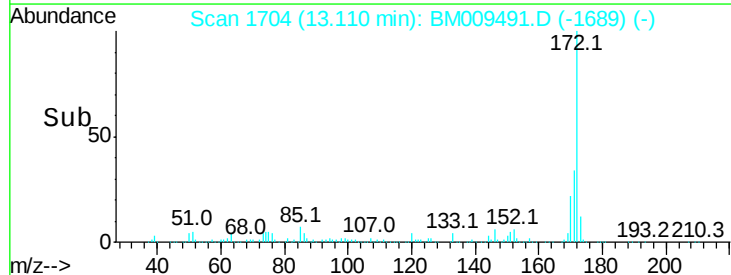
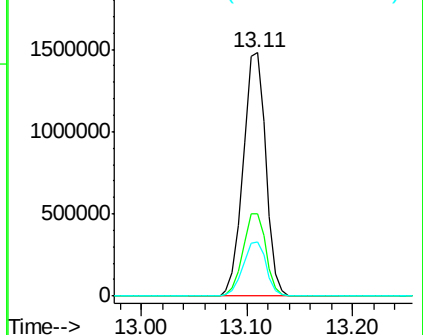


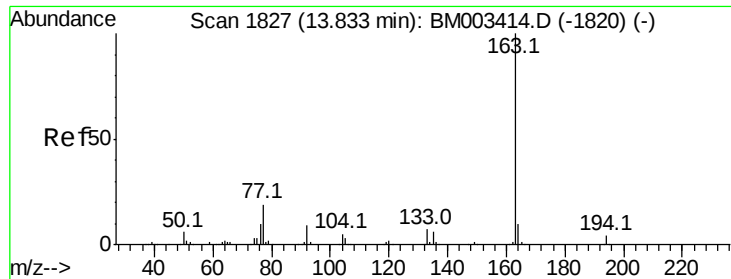
#44
 2-Fluorobiphenyl
 Concen: 93.74 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Tgt Ion:172 Resp: 2195785
 Ion Ratio Lower Upper
 172 100
 171 33.6 28.5 42.7
 170 22.1 18.8 28.2



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: 2.13 ng

RT: 13.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampleId :

GW-1

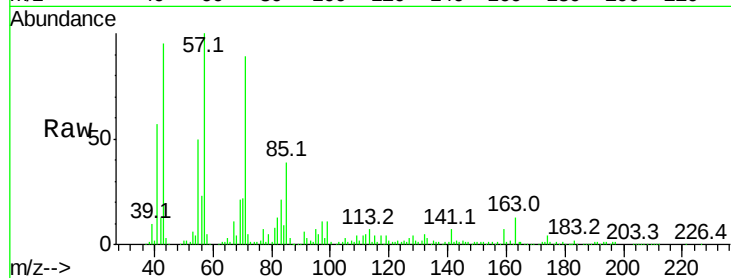
Tot Ion:163 Resp: 46212

Ion Ratio Lower Upper

163 100

194 5.3 2.7 4.1#

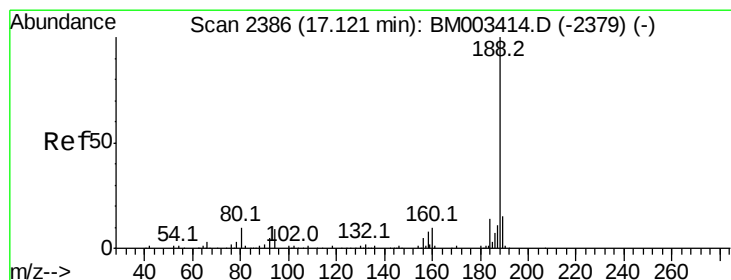
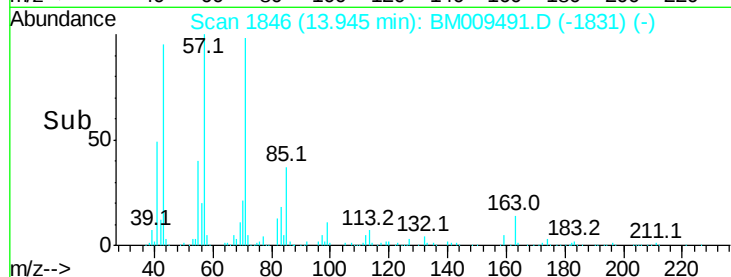
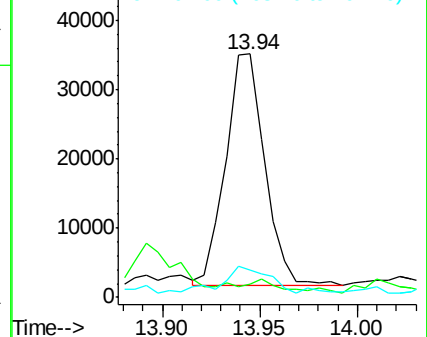
164 11.3 8.2 12.2



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: 17.24 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

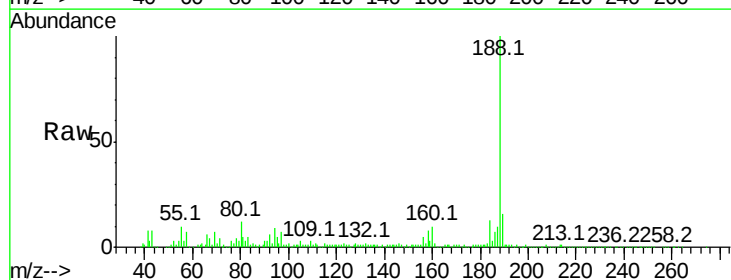
Tgt Ion:188 Resp: 706831

Ion Ratio Lower Upper

188 100

94 9.2 8.7 13.1

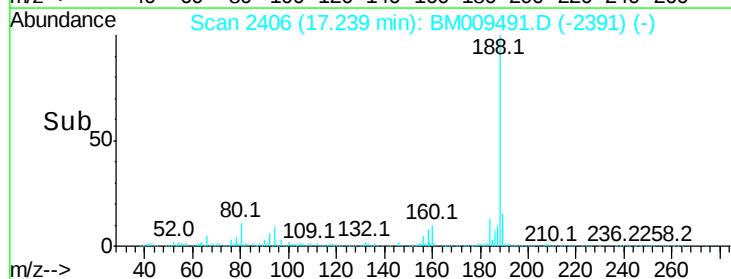
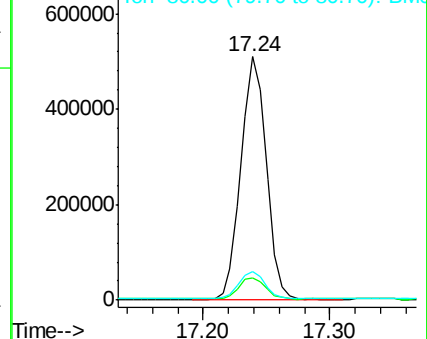
80 11.9 9.3 13.9

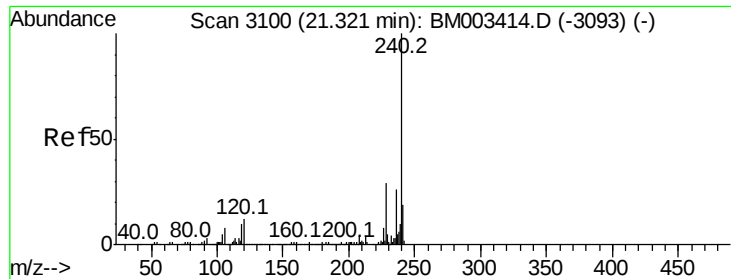


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3116

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

Instrument :

BNA_M

ClientSampled :

GW-1

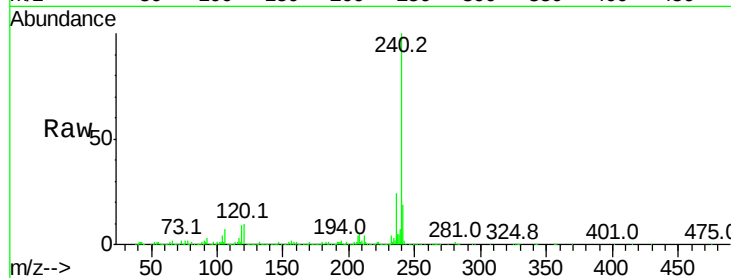
Tot Ion:240 Resp: 941588

Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

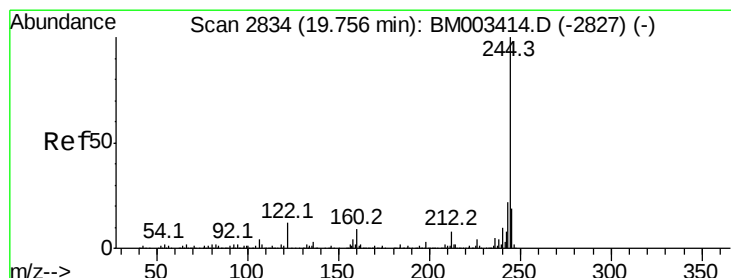
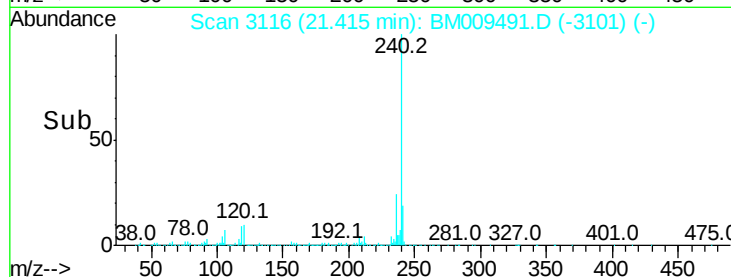
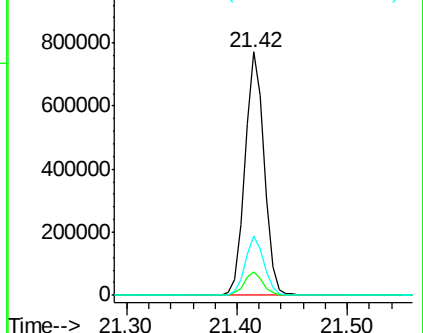
236 24.3 20.0 30.0



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: 59.79 ng

RT: 19.86 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BM009491.D

Acq: 01 Apr 2017 01:32

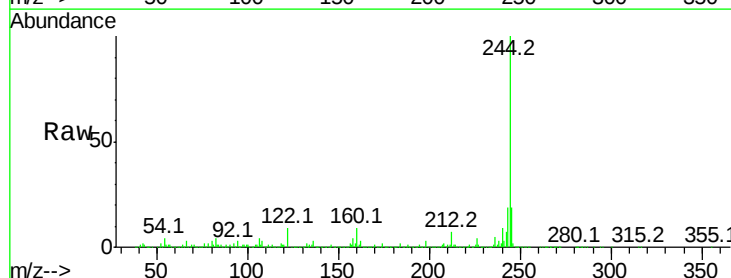
Tgt Ion:244 Resp: 2694008

Ion Ratio Lower Upper

244 100

212 7.3 4.9 7.3#

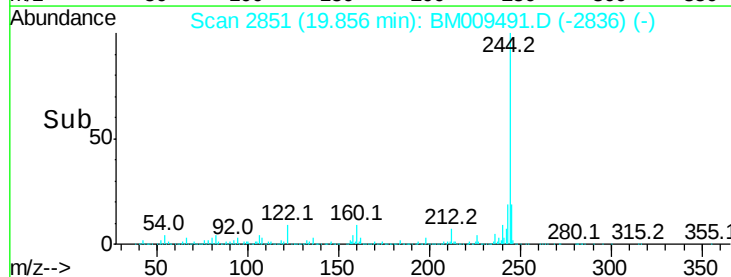
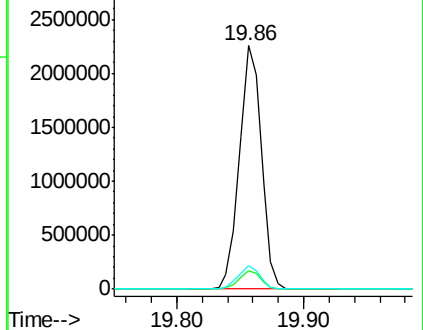
122 9.4 6.2 9.4#

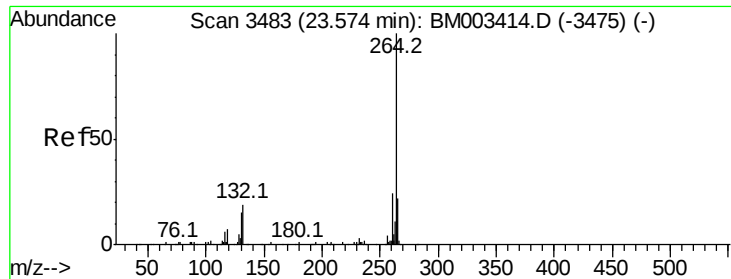


Abundance Ion 244.00 (243.70 to 244.70): E

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: 23.74 min Scan# 3511
 Delta R.T. -0.02 min
 Lab File: BM009491.D
 Acq: 01 Apr 2017 01:32

Instrument :
 BNA_M
 ClientSampleId :
 GW-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	27.8
265	21.9	17.3	25.9

