

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012017\
 Data File : BF092382.D
 Acq On : 20 Jan 2017 19:42
 Operator : UM/SJ
 Sample : I1271-01 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GW

Quant Time: Jan 20 23:40:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 20 22:22:14 2017
 Response via : Initial Calibration

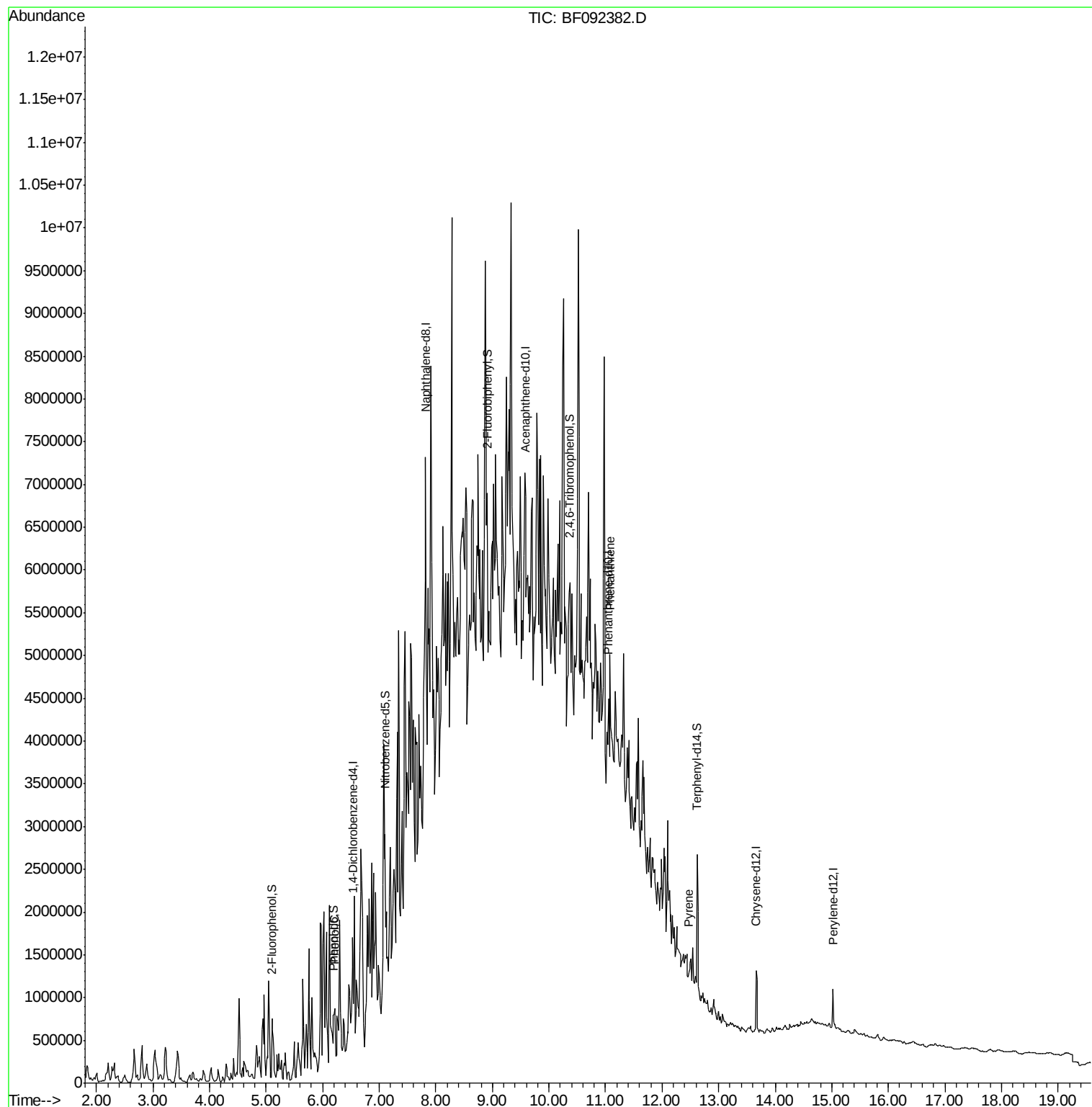
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	121580	20.00	ng	0.01
21) Naphthalene-d8	7.82	136	537138	20.00	ng	0.01
38) Acenaphthene-d10	9.58	164	242284	20.00	ng	0.02
63) Phenanthrene-d10	11.06	188	395248	20.00	ng	0.02
75) Chrysene-d12	13.66	240	355791	20.00	ng	0.00
86) Perylene-d12	15.02	264	262611	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	295944	40.64	ng	0.01
7) Phenol-d6	6.20	99	250105	28.13	ng	0.01
23) Nitrobenzene-d5	7.10	82	445106	46.08	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	128012	63.84	ng	0.02
44) 2-Fluorobiphenyl	8.91	172	848050	69.34	ng	0.01
78) Terphenyl-d14	12.62	244	604632	41.22	ng	0.00
Target Compounds						
10) Phenol	6.21	94	21094	2.08	ng	# 74
70) Phenanthrene	11.08	178	391330	18.26	ng	# 90
77) Pyrene	12.47	202	94902	3.64	ng	# 88

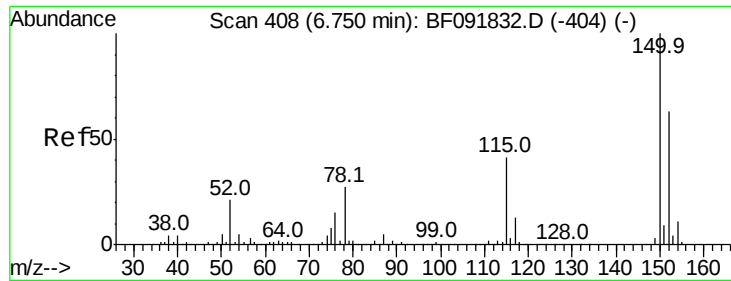
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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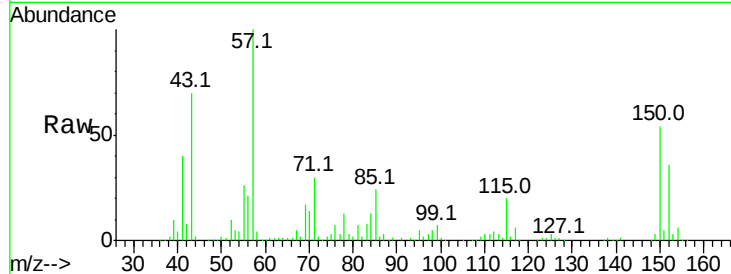


#1

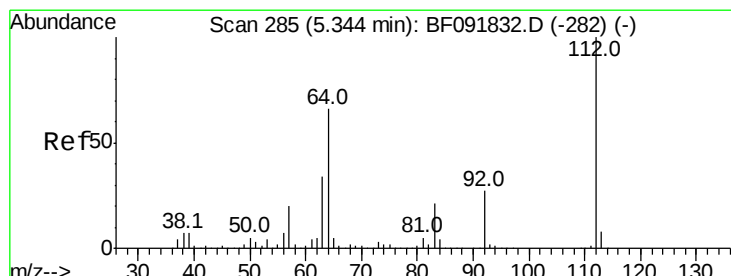
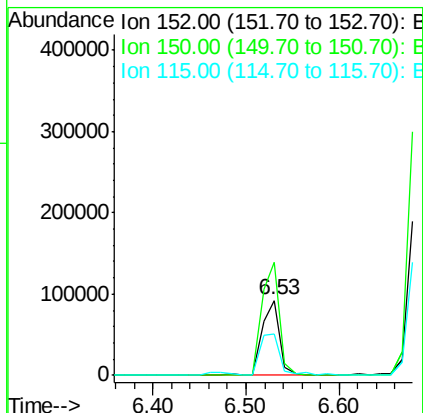
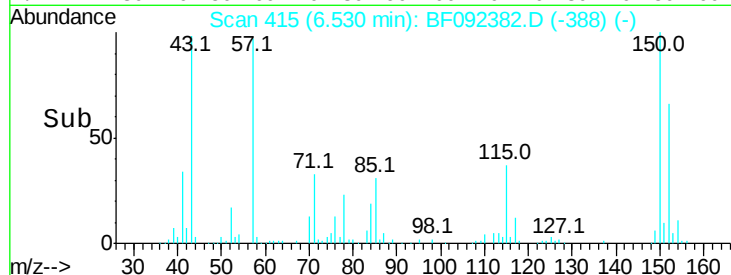
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.53 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF092382.D
Acq: 20 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
GW

Tot Ion:152 Resp: 121580
Ion Ratio Lower Upper
152 100
150 150.9 124.9 187.3
115 55.9 46.0 69.0



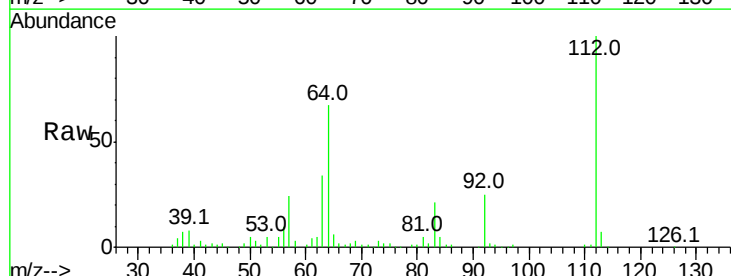
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



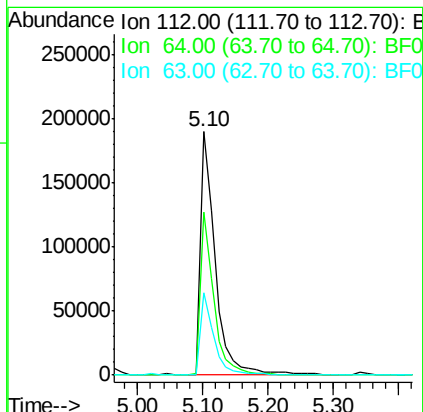
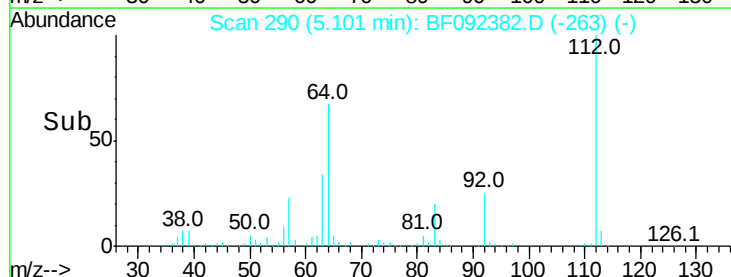
#5

2-Fluorophenol
Concen: 40.64 ng
RT: 5.10 min Scan# 290
Delta R.T. 0.01 min
Lab File: BF092382.D
Acq: 20 Jan 2017 19:42

Tgt Ion:112 Resp: 295944
Ion Ratio Lower Upper
112 100
64 66.8 46.1 69.1
63 33.9 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: 28.13 ng

RT: 6.20 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

GW

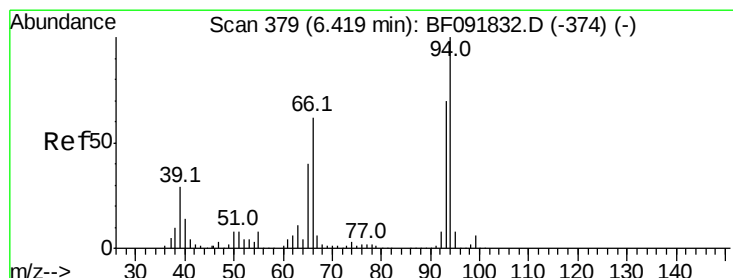
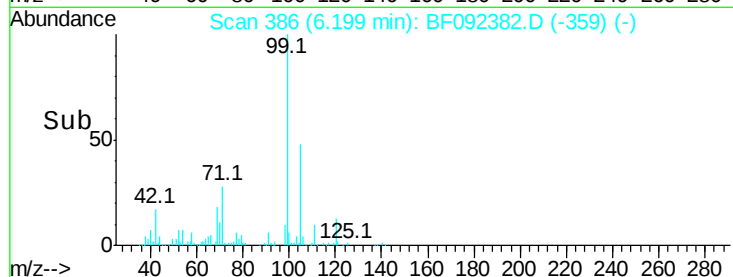
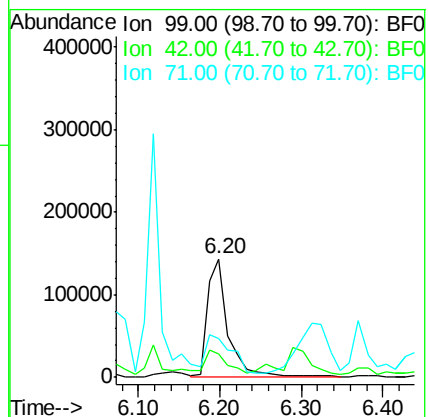
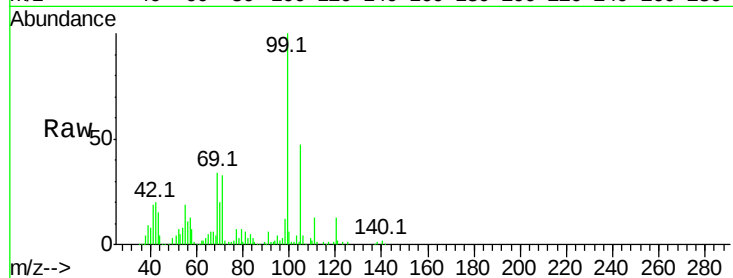
Tot Ion: 99 Resp: 250105

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 32.6 27.5 41.3



#10

Phenol

Concen: 2.08 ng

RT: 6.21 min Scan# 387

Delta R.T. 0.01 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

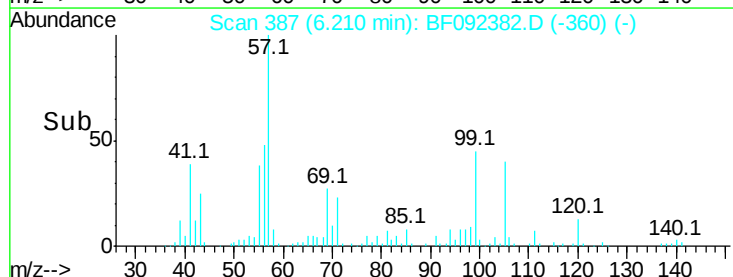
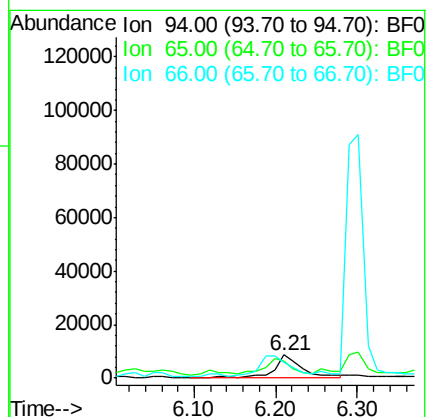
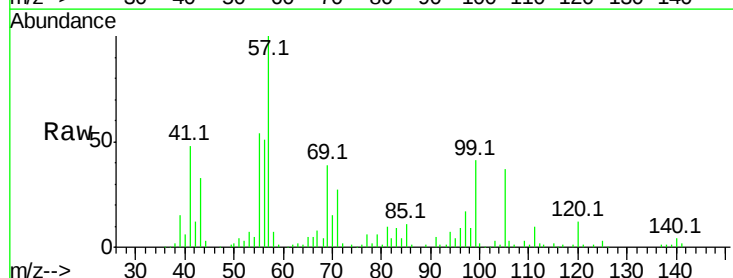
Tgt Ion: 94 Resp: 21094

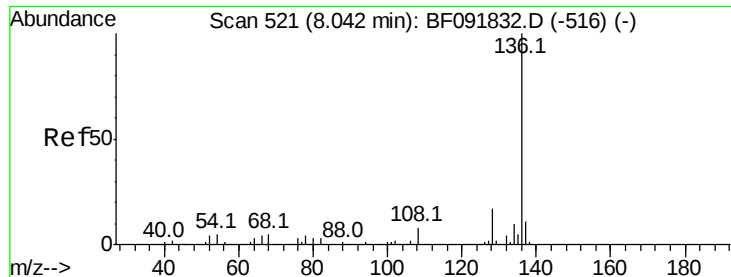
Ion Ratio Lower Upper

94 100

65 75.3 21.4 61.4#

66 70.0 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 528

Delta R.T. 0.01 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

GW

Tot Ion:136 Resp: 537138

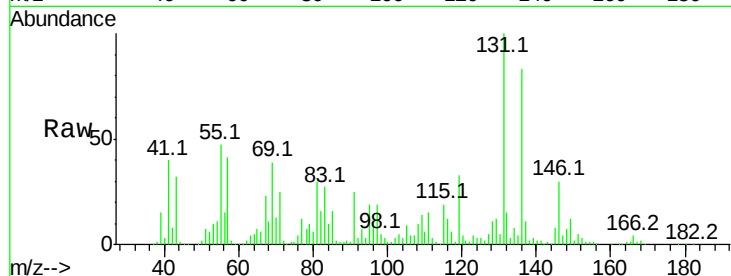
Ion Ratio Lower Upper

136 100

137 13.6 8.4 12.6#

54 13.7 4.5 6.7#

68 13.8 3.6 5.4#

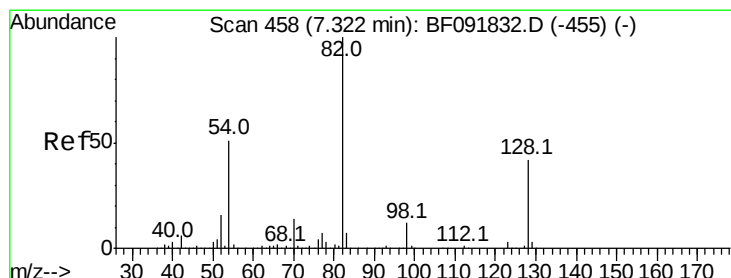
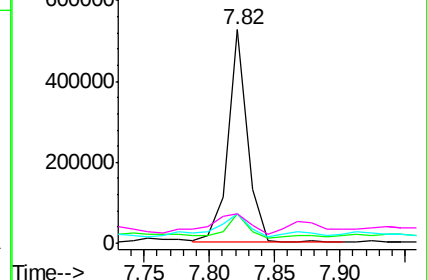
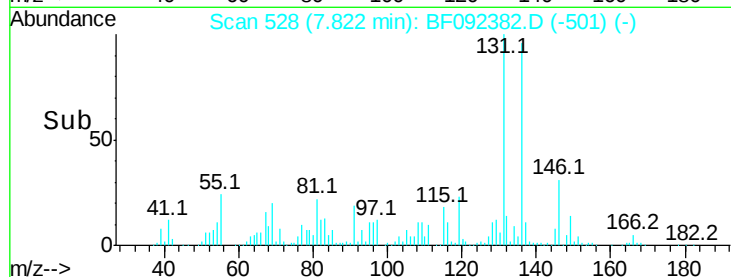


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.08 ng

RT: 7.10 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

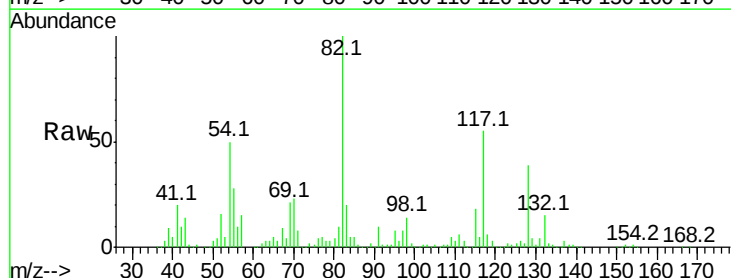
Tgt Ion: 82 Resp: 445106

Ion Ratio Lower Upper

82 100

128 39.3 34.6 52.0

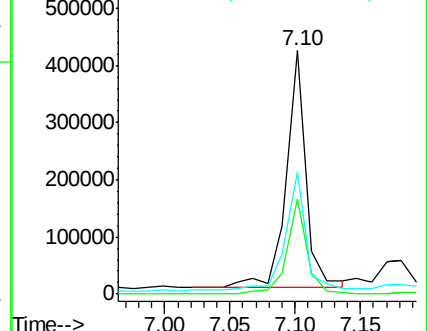
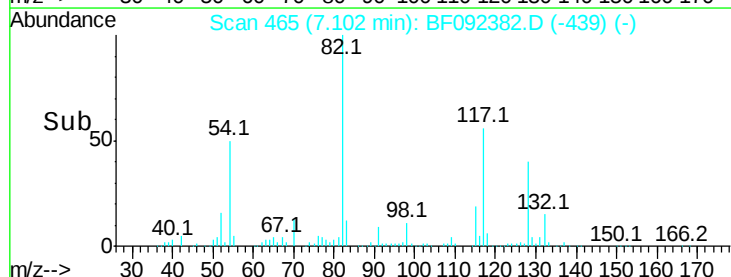
54 49.9 39.5 59.3

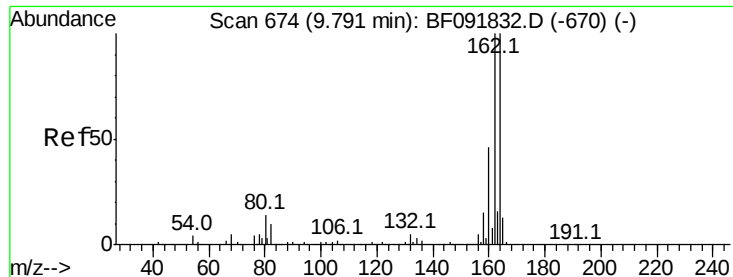


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

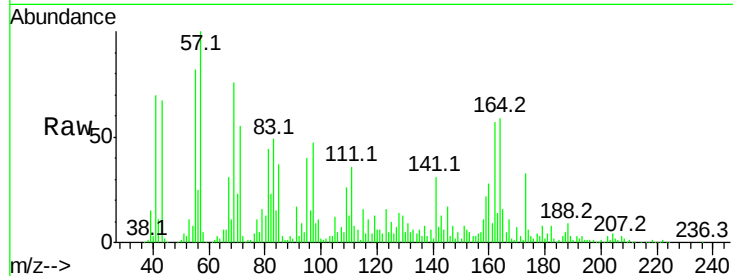




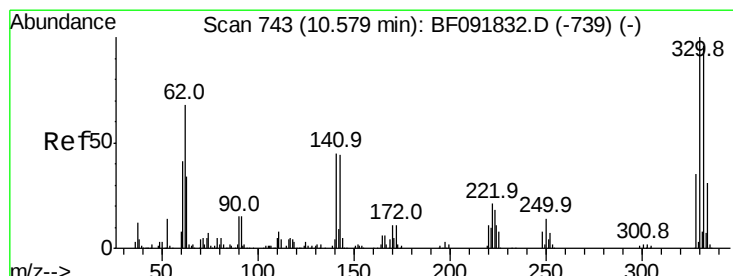
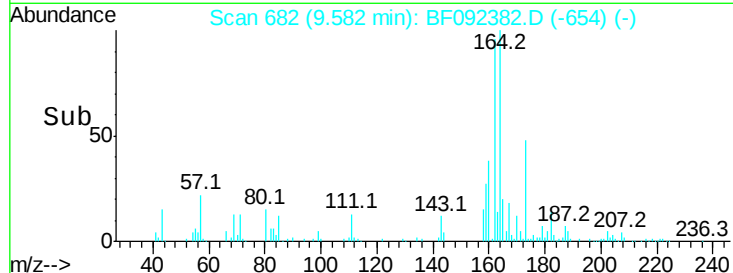
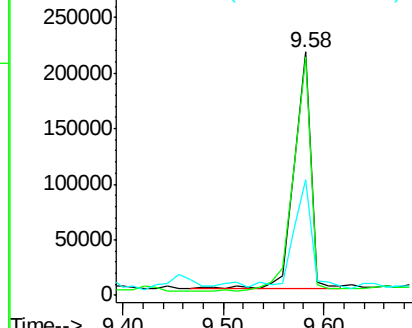
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 682
 Delta R.T. 0.02 min
 Lab File: BF092382.D
 Acq: 20 Jan 2017 19:42

Instrument :
 BNA_F
 ClientSampled :
 GW

Tot Ion:164 Resp: 242284
 Ion Ratio Lower Upper
 164 100
 162 97.8 80.2 120.2
 160 47.5 36.9 55.3

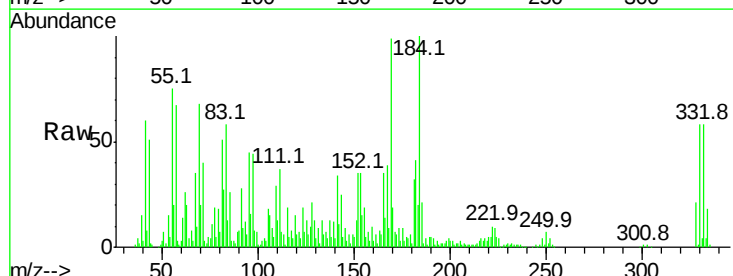


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

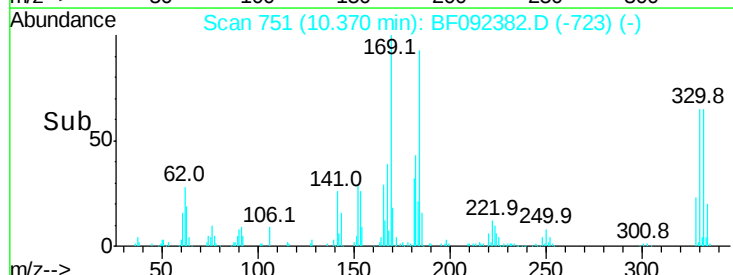
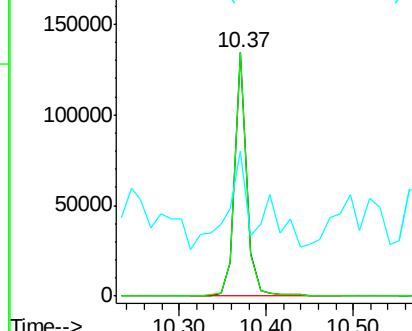


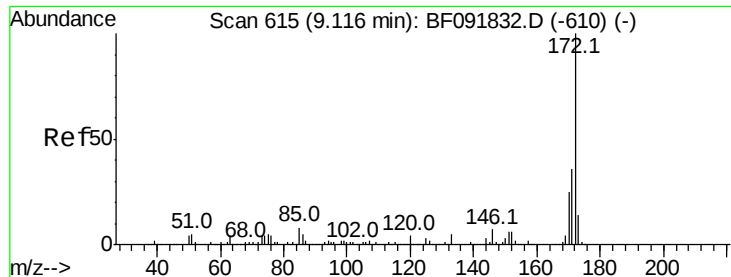
#41
 2,4,6-Tribromophenol
 Concen: 63.84 ng
 RT: 10.37 min Scan# 751
 Delta R.T. 0.02 min
 Lab File: BF092382.D
 Acq: 20 Jan 2017 19:42

Tgt Ion:330 Resp: 128012
 Ion Ratio Lower Upper
 330 100
 332 99.8 77.4 116.2
 141 70.8 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: 69.34 ng

RT: 8.91 min Scan# 623

Delta R.T. 0.01 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

Instrument :

BNA_F

ClientSampleId :

GW

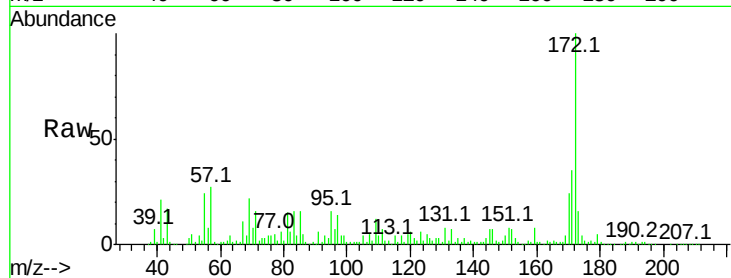
Tot Ion:172 Resp: 848050

Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

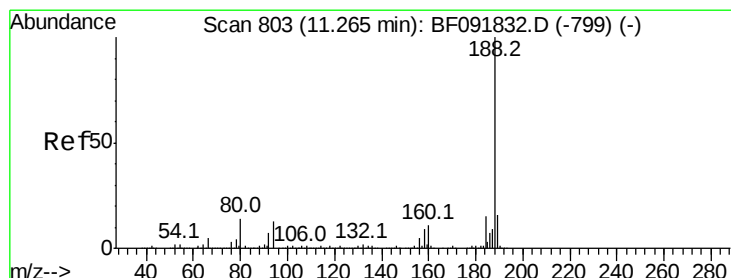
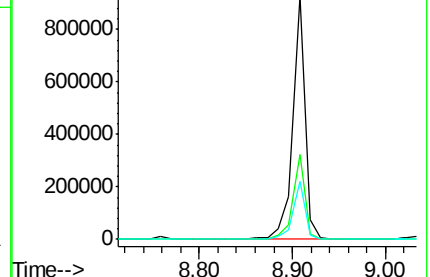
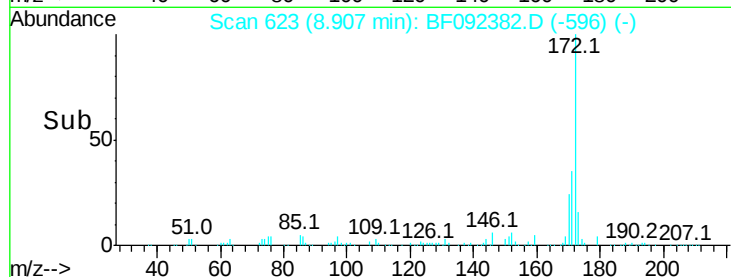
170 23.7 20.2 30.4



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: 11.06 min Scan# 811

Delta R.T. 0.02 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

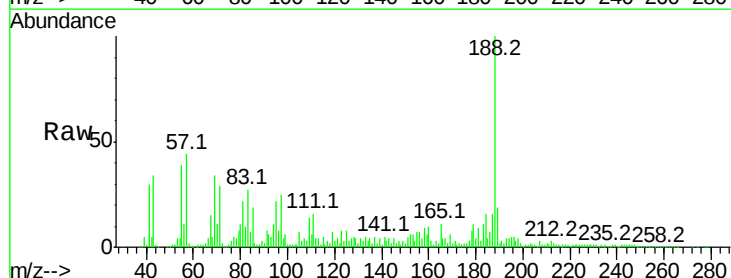
Tgt Ion:188 Resp: 395248

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

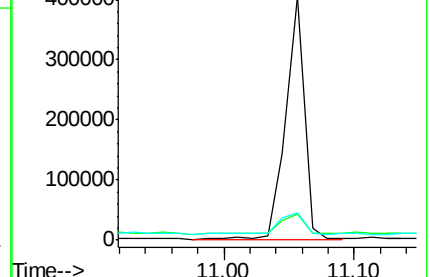
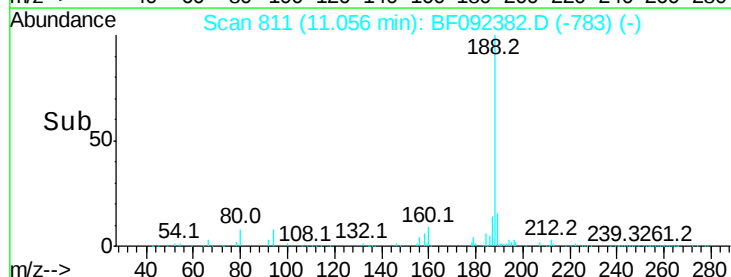
80 11.1 11.2 16.8#

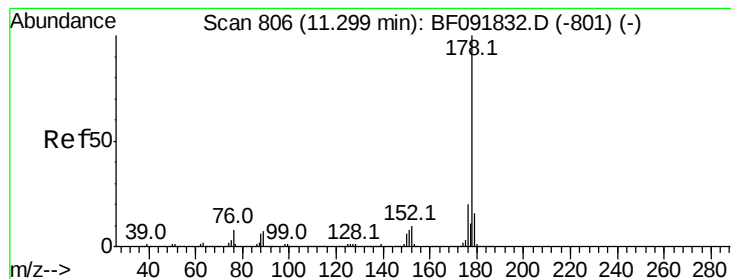


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 18.26 ng

RT: 11.08 min Scan# 813

Delta R.T. 0.02 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

Instrument :

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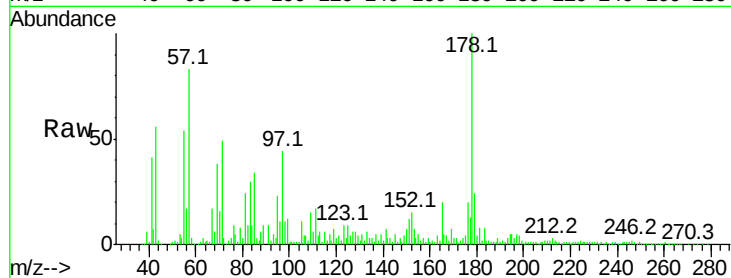
Tot Ion:178 Resp: 391330

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

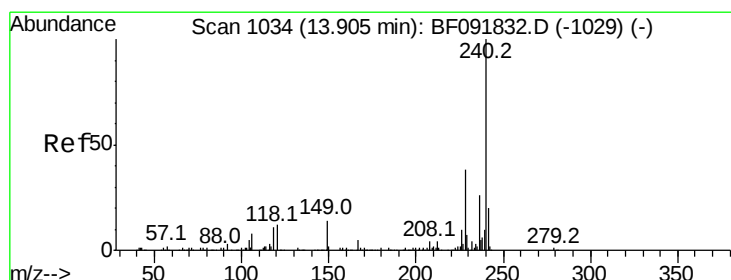
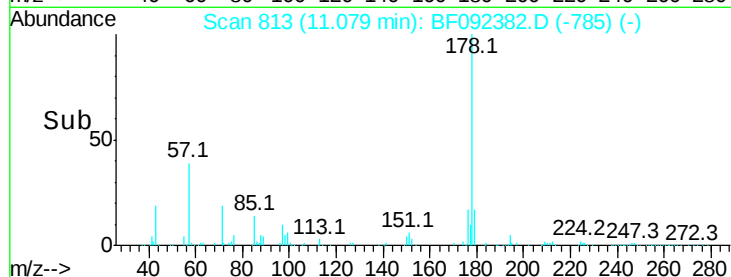
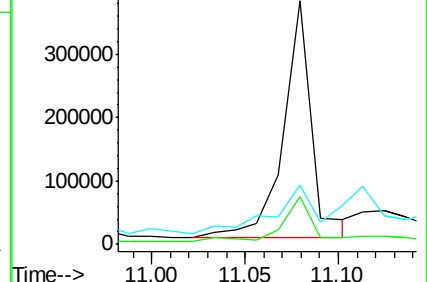
179 24.2 12.8 19.2#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

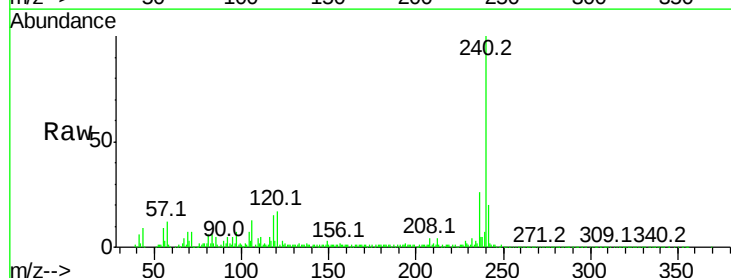
Tgt Ion:240 Resp: 355791

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

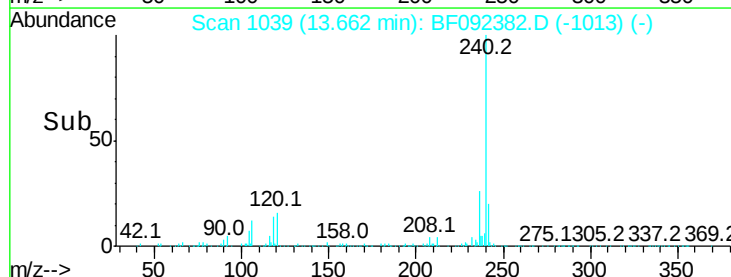
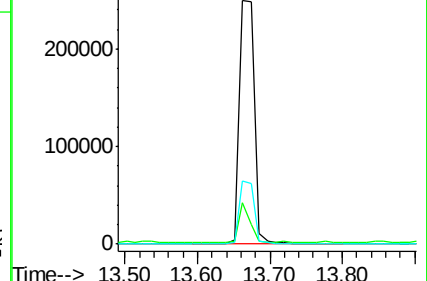
236 25.8 20.9 31.3

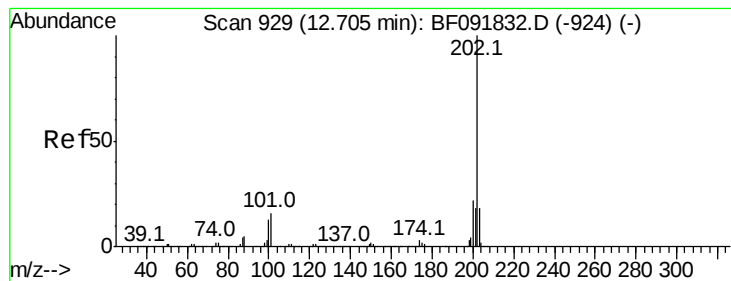


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 3.64 ng

RT: 12.47 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

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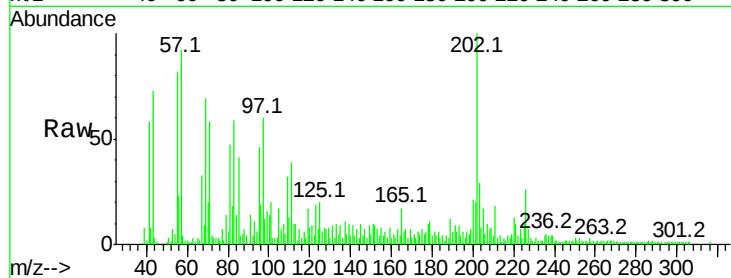
Tot Ion:202 Resp: 94902

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

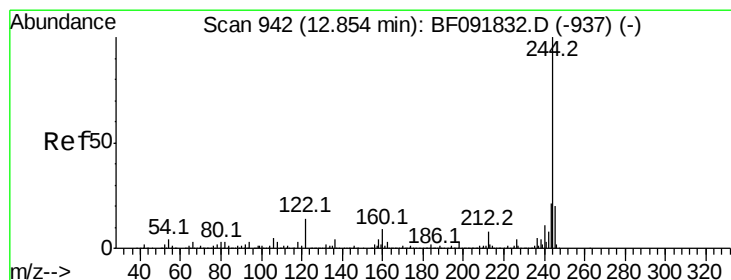
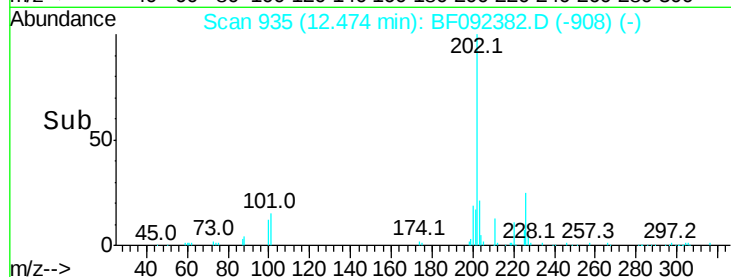
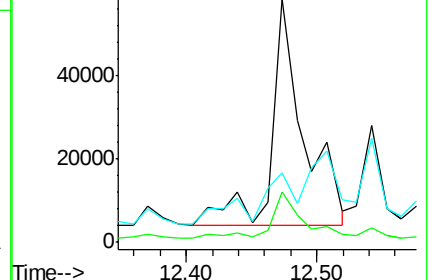
203 28.5 14.7 22.1#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 41.22 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF092382.D

Acq: 20 Jan 2017 19:42

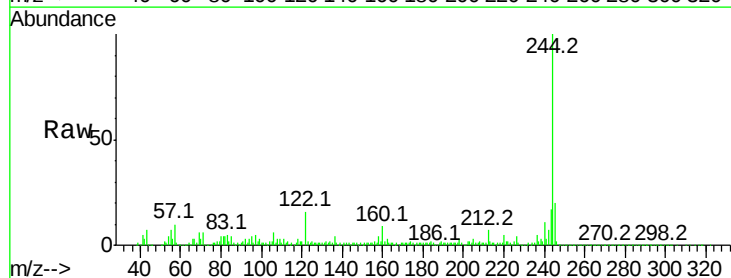
Tgt Ion:244 Resp: 604632

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

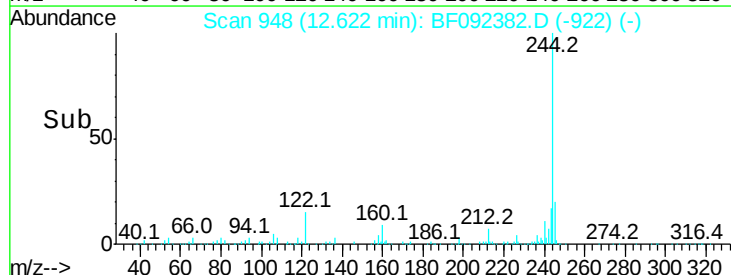
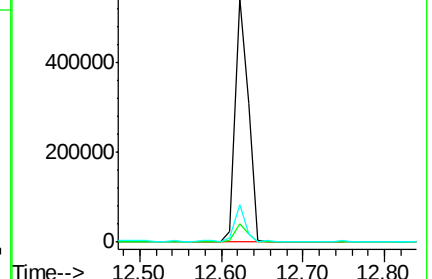
122 15.6 11.4 17.2

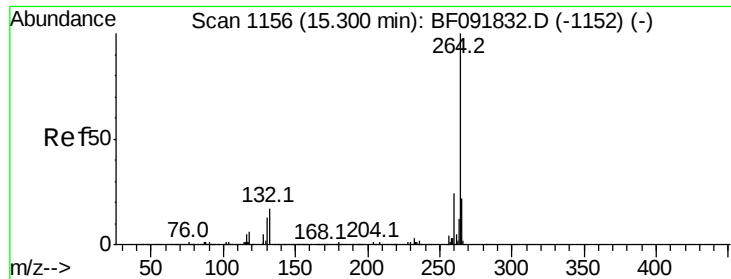


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. 0.01 min
Lab File: BF092382.D
Acq: 20 Jan 2017 19:42

Instrument :
BNA_F
ClientSampleId :
GW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.0	17.4	26.0

