

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091929.D
 Acq On : 23 Dec 2016 17:44
 Operator : UM/SJ
 Sample : H6068-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Dec 23 22:43:56 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

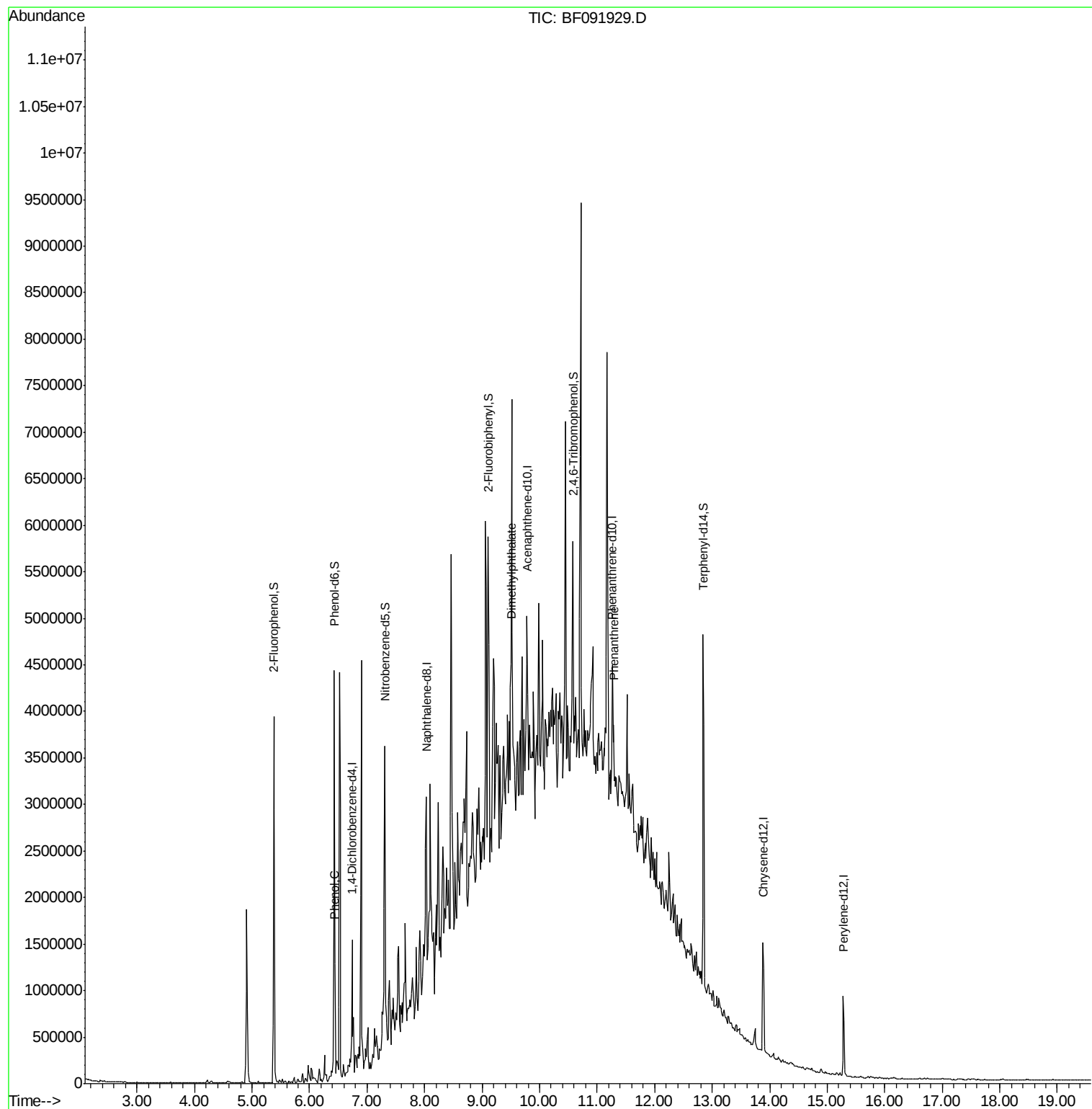
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	188920	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	758681	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	324147	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	570235	20.00	ng	0.00
75) Chrysene-d12	13.88	240	569080	20.00	ng	-0.02
86) Perylene-d12	15.28	264	431324	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1522788	134.59	ng	0.03
7) Phenol-d6	6.43	99	1791722	129.71	ng	0.02
23) Nitrobenzene-d5	7.31	82	1250163	91.63	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	369159	137.61	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1809181	119.61	ng	-0.01
78) Terphenyl-d14	12.84	244	1680092	71.60	ng	-0.01
Target Compounds						
10) Phenol	6.44	94	76808	4.88	ng	Qvalue 86
49) Dimethylphthalate	9.50	163	176351	8.51	ng	# 95
70) Phenanthrene	11.29	178	119564	3.87	ng	# 89

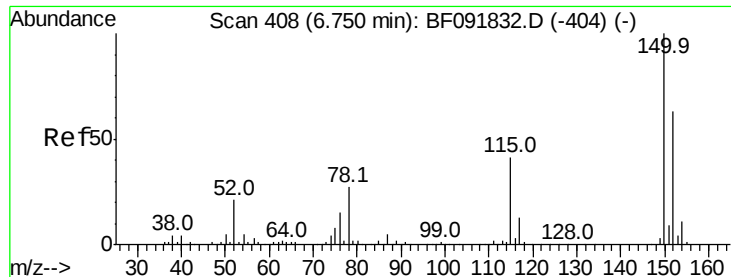
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampled :

B-5

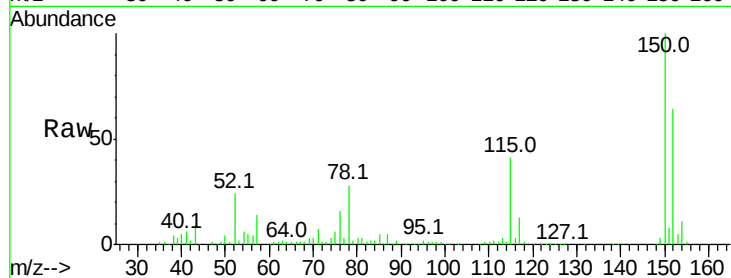
Tot Ion:152 Resp: 188920

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

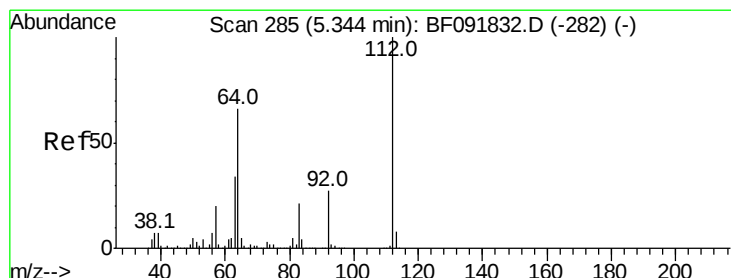
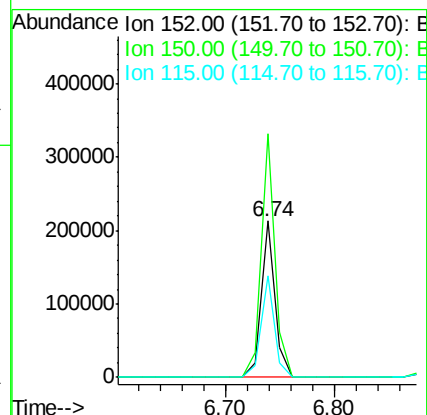
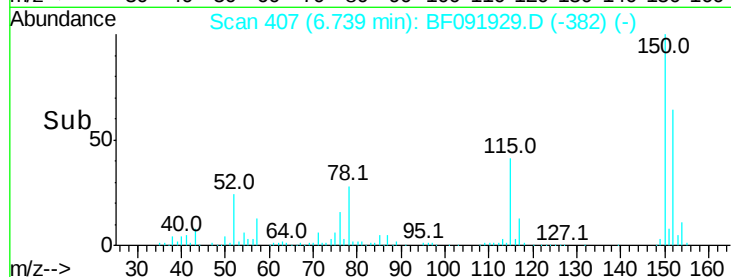
115 64.7 46.0 69.0



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: 134.59 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

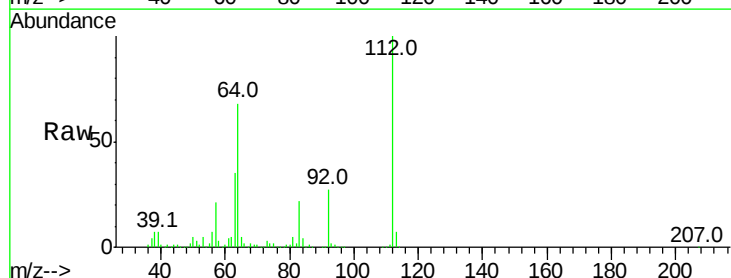
Tgt Ion:112 Resp: 1522788

Ion Ratio Lower Upper

112 100

64 67.8 46.1 69.1

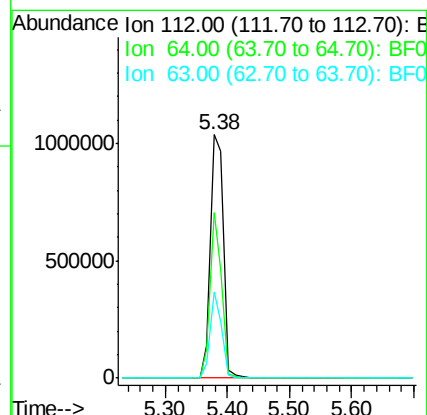
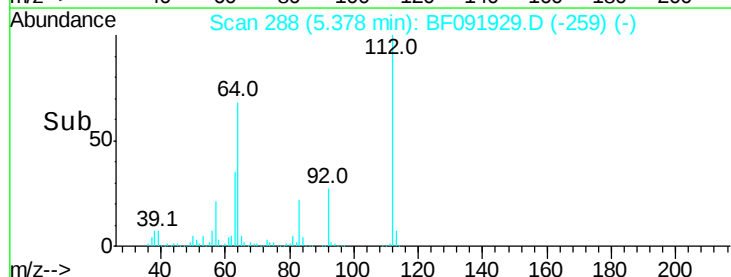
63 35.2 23.8 35.6



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: 129.71 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

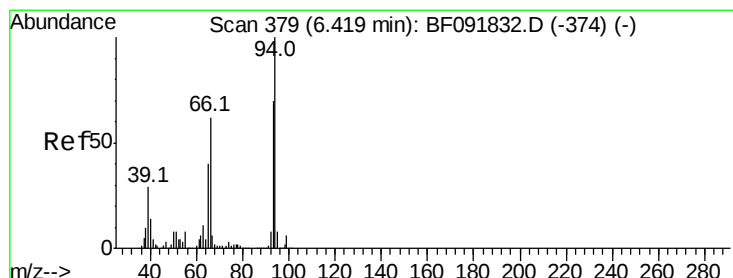
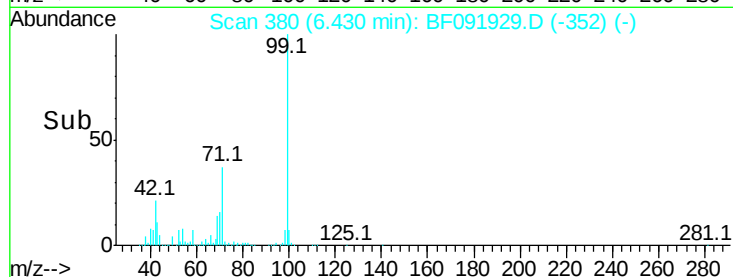
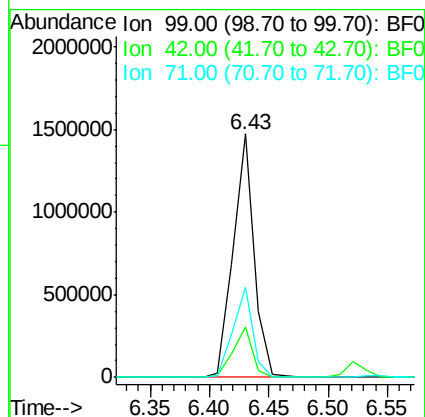
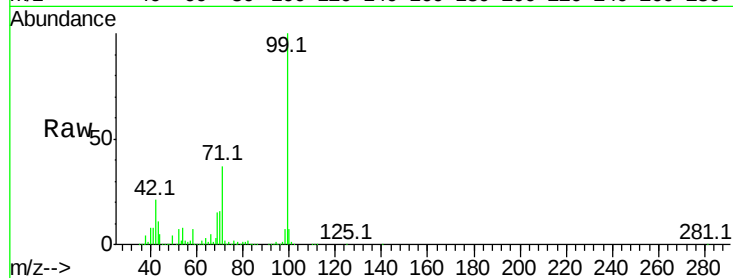
Tot Ion: 99 Resp: 1791722

Ion Ratio Lower Upper

99 100

42 20.7 15.6 23.4

71 37.2 27.5 41.3



#10

Phenol

Concen: 4.88 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.02 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

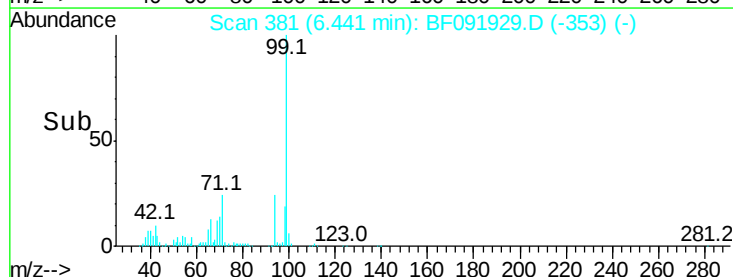
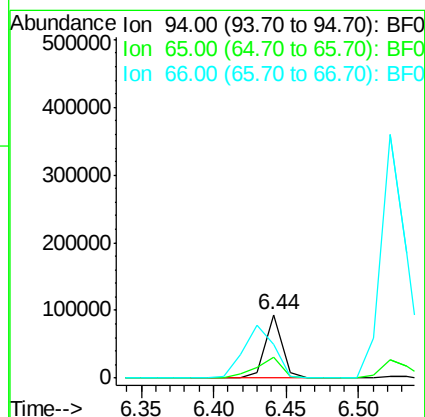
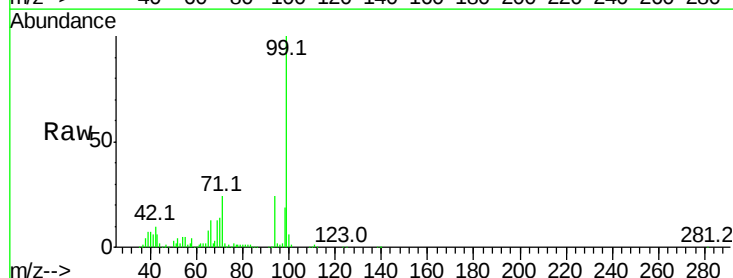
Tgt Ion: 94 Resp: 76808

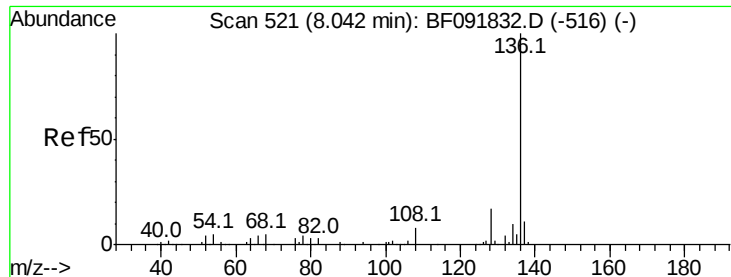
Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

66 53.4 44.0 84.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

Tot Ion:136 Resp: 758681

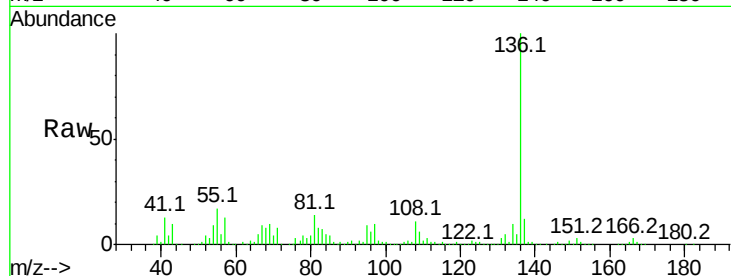
Ion Ratio Lower Upper

136 100

137 11.5 8.4 12.6

54 8.5 4.5 6.7#

68 7.6 3.6 5.4#

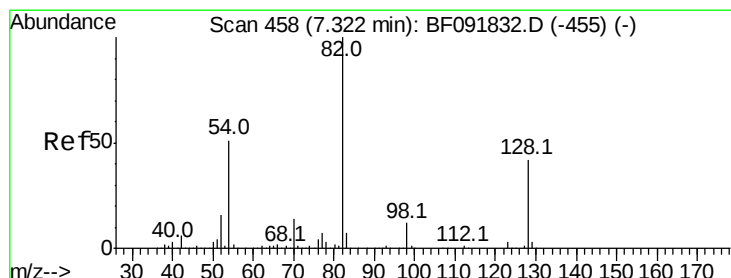
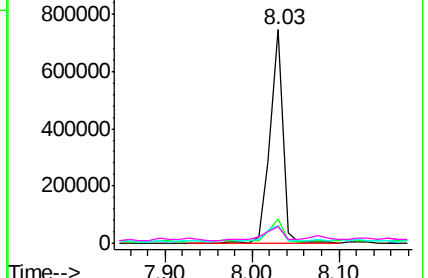
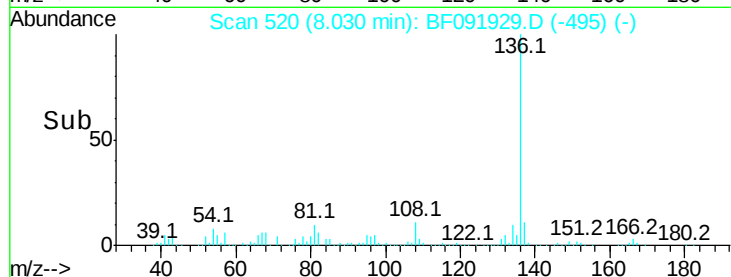


Abundance Ion 136.00 (135.70 to 136.70): E

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: 91.63 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

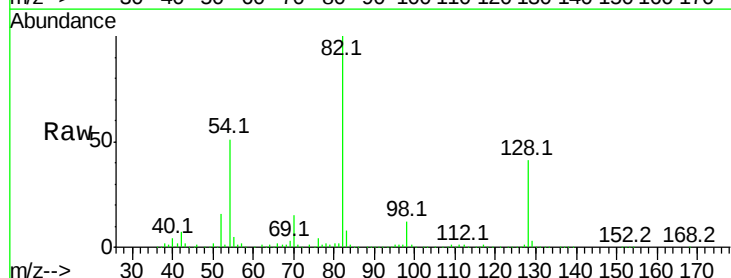
Tgt Ion: 82 Resp: 1250163

Ion Ratio Lower Upper

82 100

128 41.0 34.6 52.0

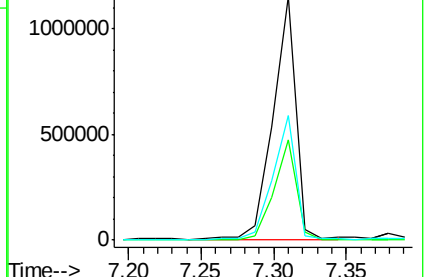
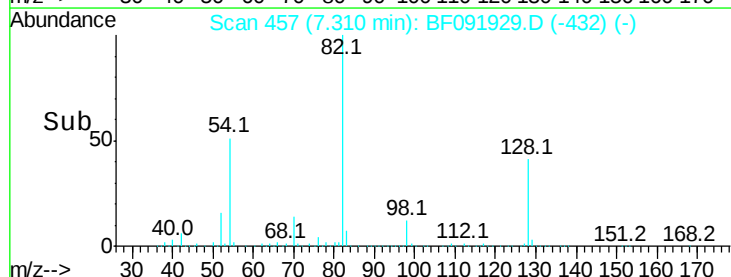
54 51.1 39.5 59.3

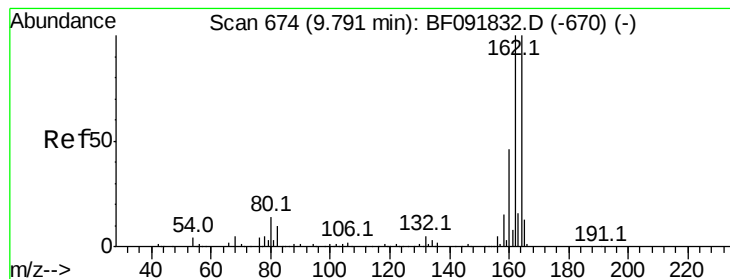


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

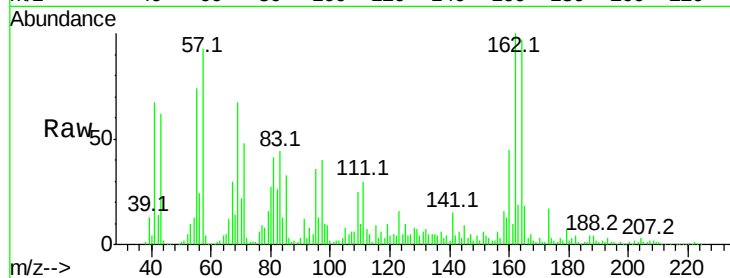
Tot Ion:164 Resp: 324147

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

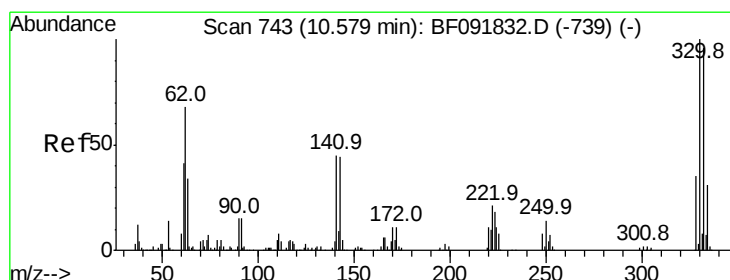
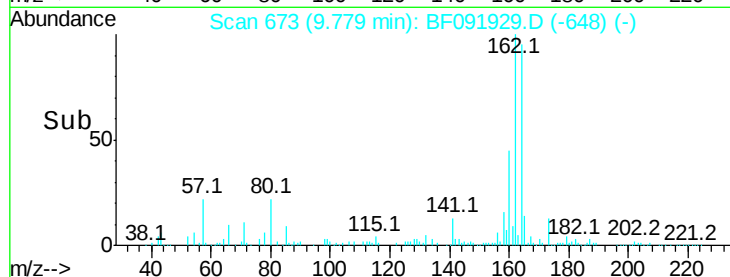
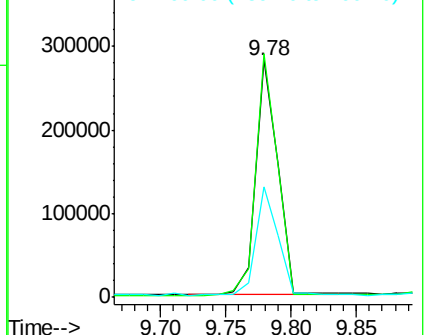
160 46.6 36.9 55.3



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: 137.61 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

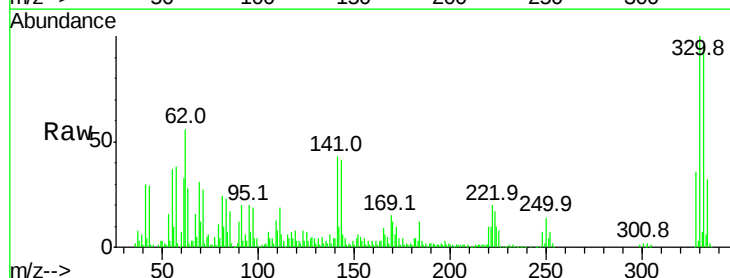
Tgt Ion:330 Resp: 369159

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

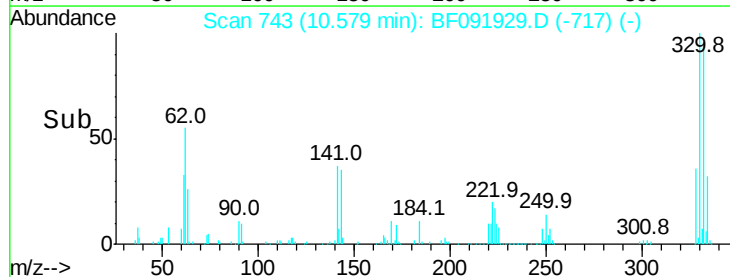
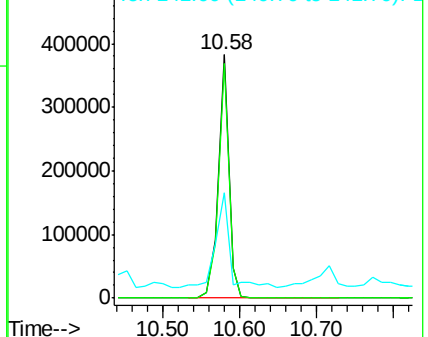
141 46.3 34.1 51.1

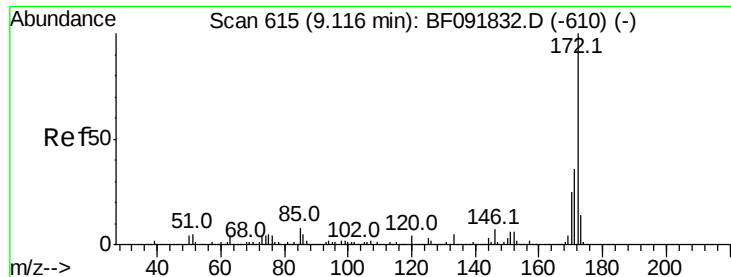


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 119.61 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

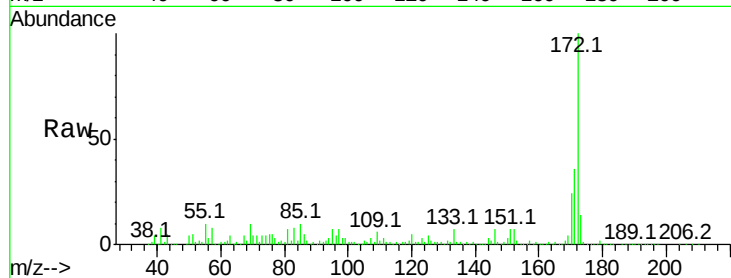
Tot Ion:172 Resp: 1809181

Ion Ratio Lower Upper

172 100

171 35.5 29.4 44.0

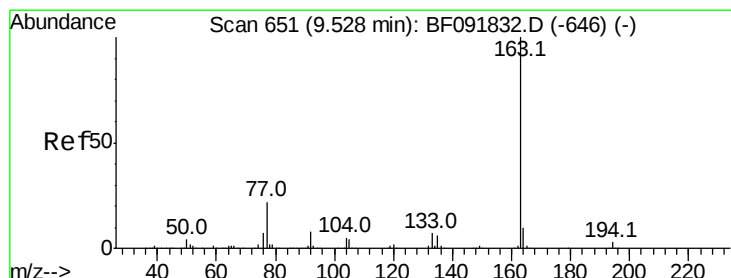
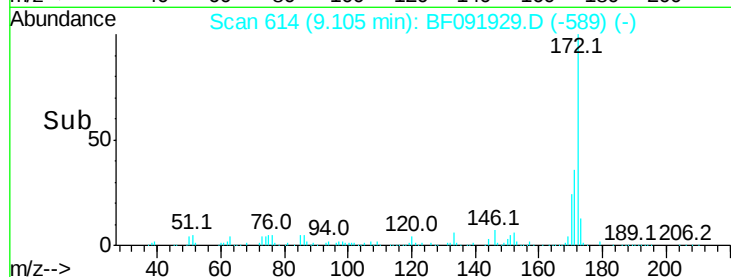
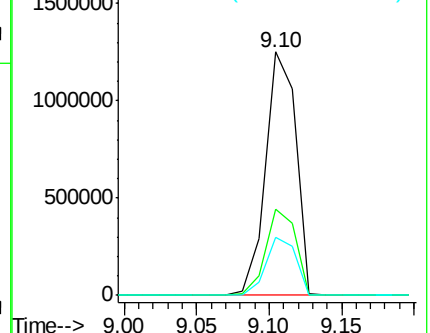
170 24.0 20.2 30.4



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



#49

Dimethylphthalate

Concen: 8.51 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

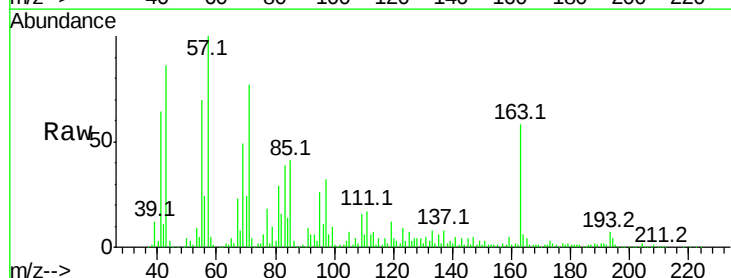
Tgt Ion:163 Resp: 176351

Ion Ratio Lower Upper

163 100

194 7.3 3.0 4.4#

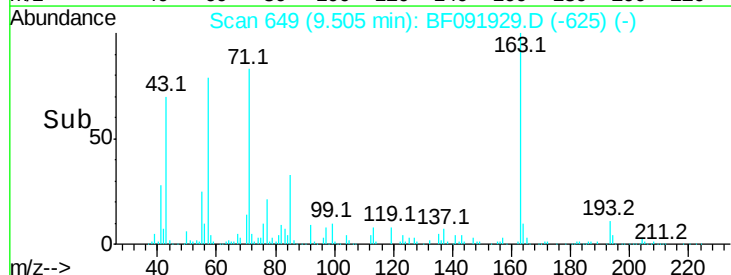
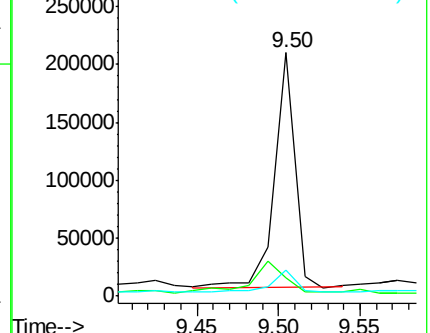
164 10.9 8.0 12.0

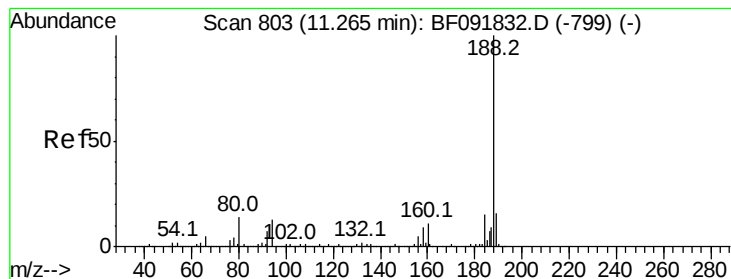


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.26 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

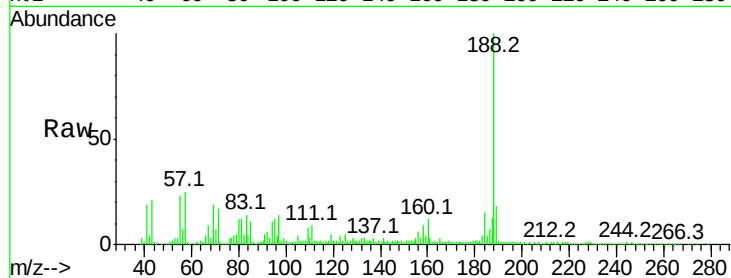
Tot Ion:188 Resp: 570235

Ion Ratio Lower Upper

188 100

94 10.6 10.0 15.0

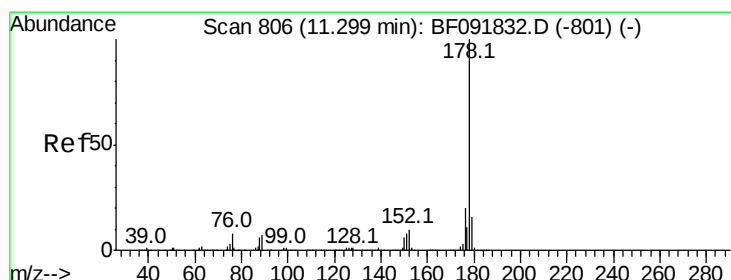
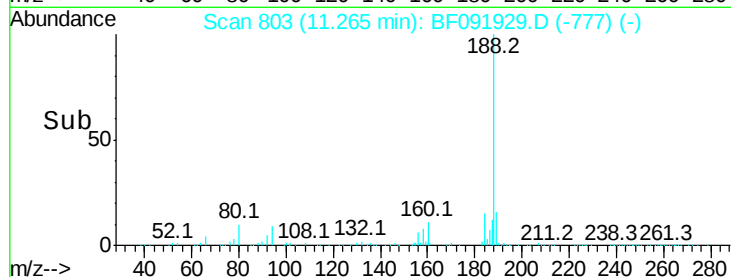
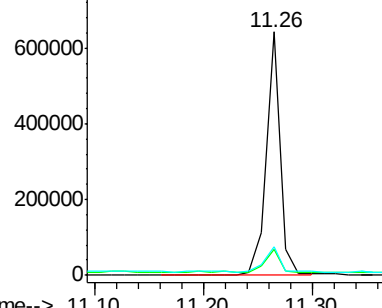
80 11.7 11.2 16.8



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: 3.87 ng

RT: 11.29 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

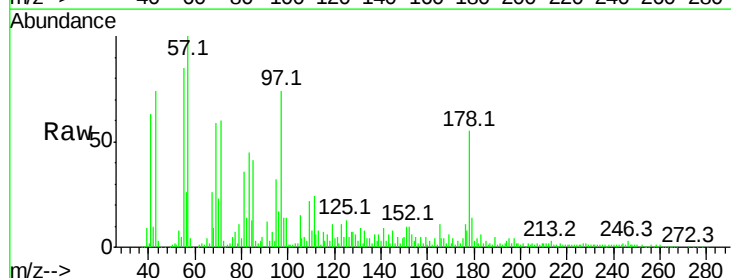
Tgt Ion:178 Resp: 119564

Ion Ratio Lower Upper

178 100

176 20.6 16.6 25.0

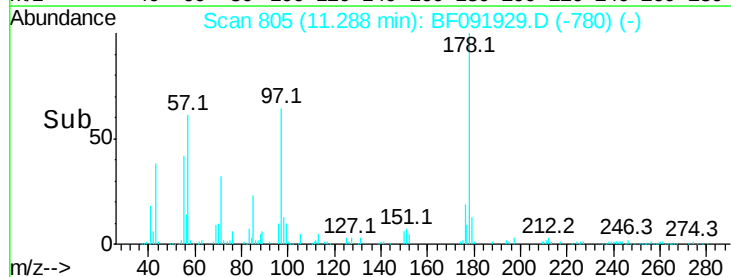
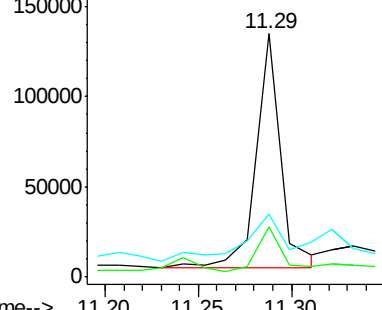
179 26.1 12.8 19.2#

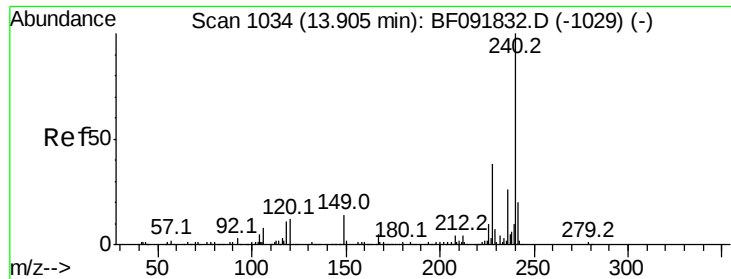


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

Instrument :

BNA_F

ClientSampleId :

B-5

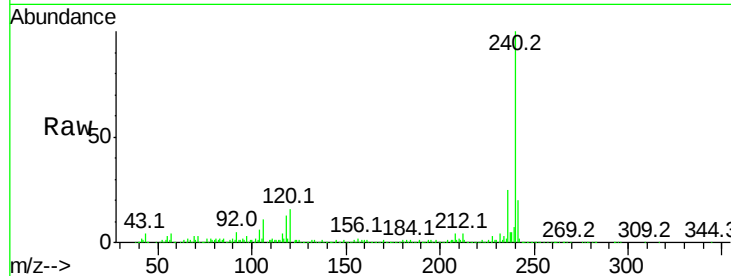
Tot Ion:240 Resp: 569080

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

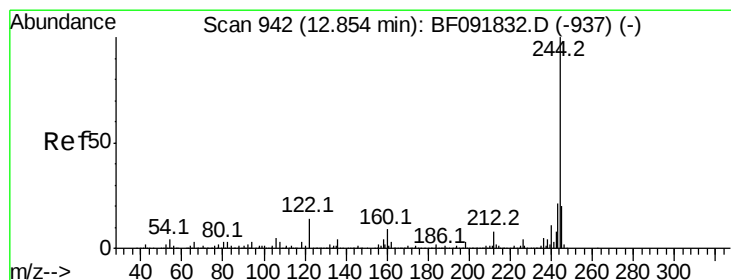
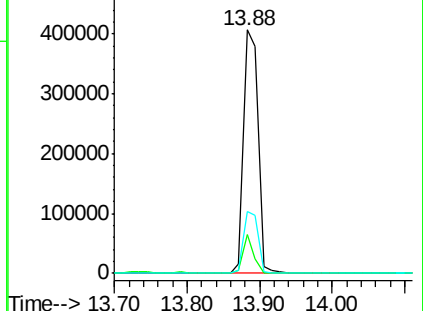
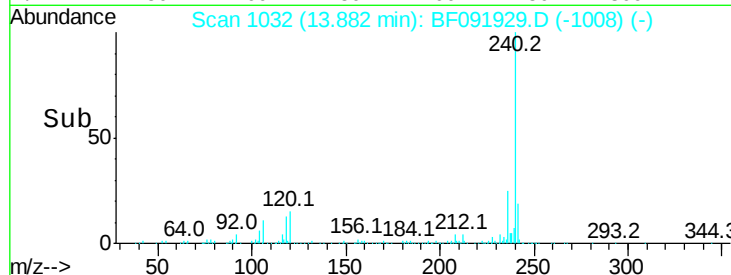
236 25.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 71.60 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091929.D

Acq: 23 Dec 2016 17:44

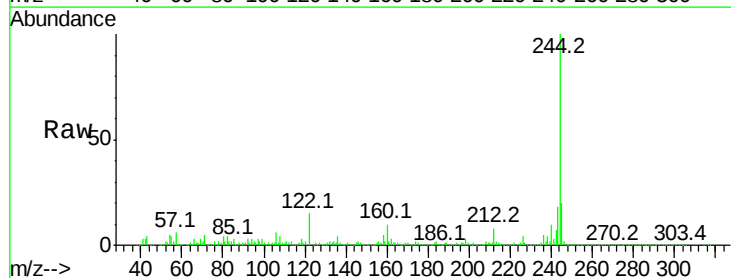
Tgt Ion:244 Resp: 1680092

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

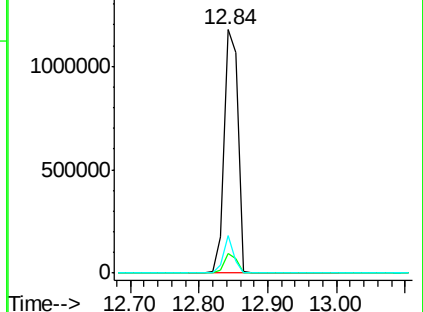
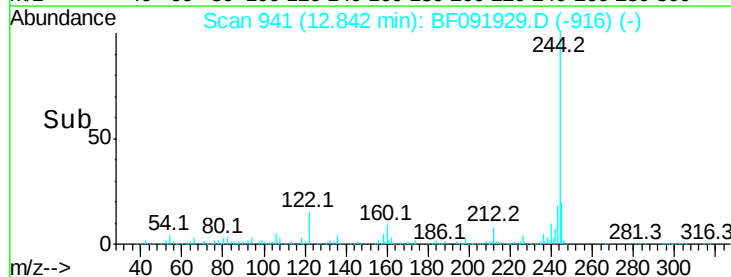
122 15.3 11.4 17.2

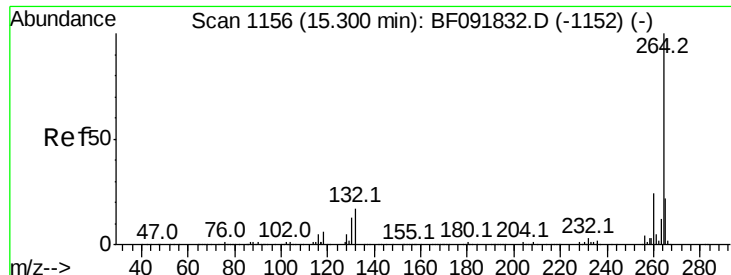


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

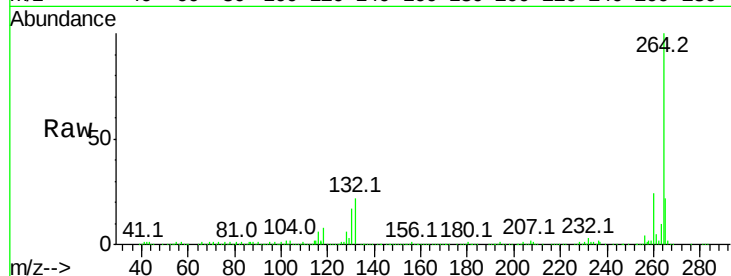




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1154
Delta R.T. -0.02 min
Lab File: BF091929.D
Acq: 23 Dec 2016 17:44

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion:	264	Resp:	431324
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.7	17.4	26.0



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

