

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
 Data File : BF091896.D
 Acq On : 22 Dec 2016 19:54
 Operator : UM/SJ
 Sample : H6068-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-5

Quant Time: Dec 23 04:04:32 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

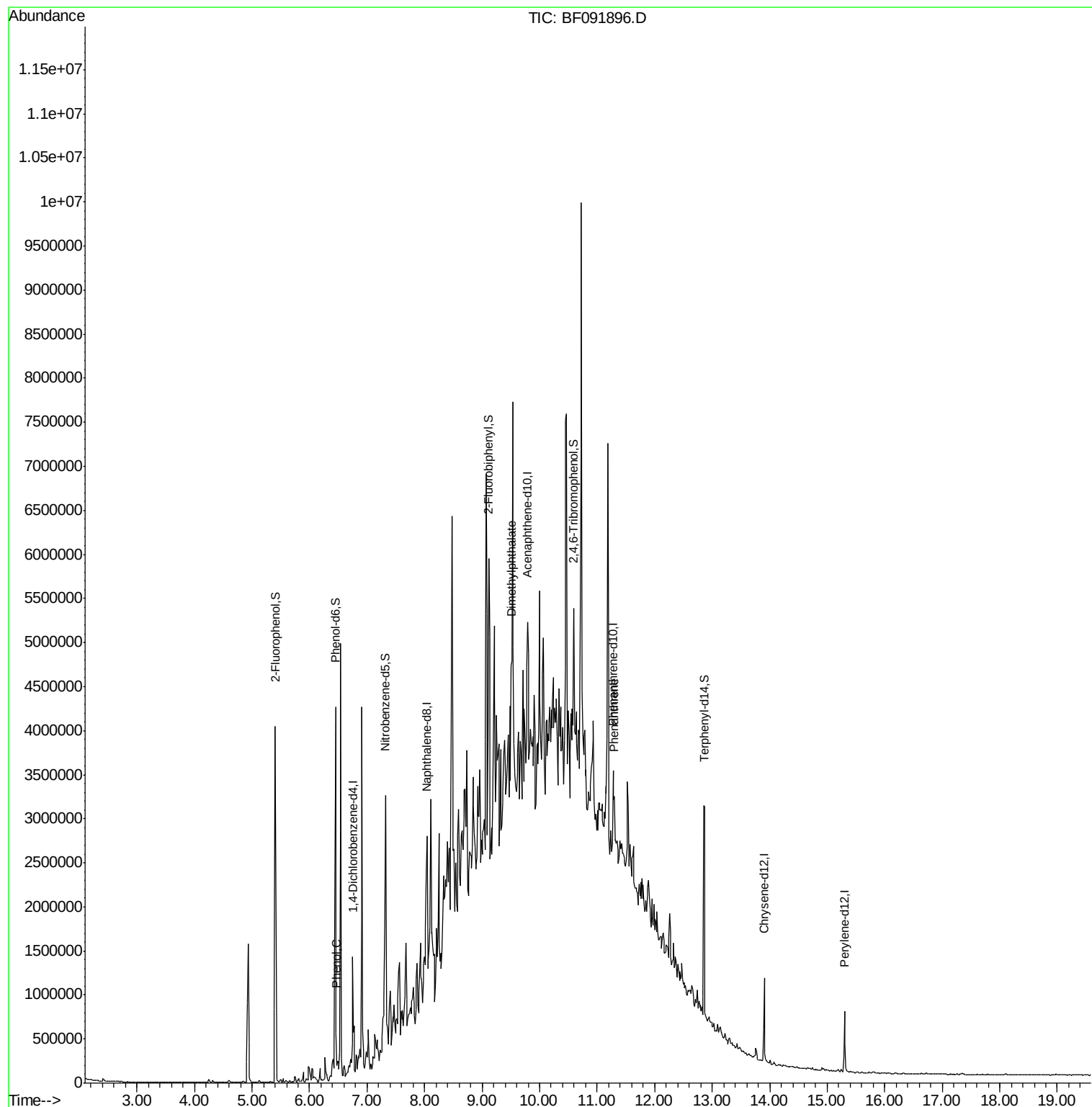
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	176334	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	686651	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	342831	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	397450	20.00	ng	0.01
75) Chrysene-d12	13.91	240	359725	20.00	ng	0.00
86) Perylene-d12	15.30	264	309838	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1403900	132.94	ng	0.06
7) Phenol-d6	6.45	99	1711575	132.75	ng	0.05
23) Nitrobenzene-d5	7.32	82	1143788	92.63	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	270605	95.38	ng	0.01
44) 2-Fluorobiphenyl	9.12	172	1896887	118.44	ng	0.00
78) Terphenyl-d14	12.86	244	1159668	78.18	ng	0.01
Target Compounds						
10) Phenol	6.46	94	76447	5.20	ng	# 72
49) Dimethylphthalate	9.52	163	172662	7.87	ng	# 93
70) Phenanthrene	11.30	178	96348	4.47	ng	# 86

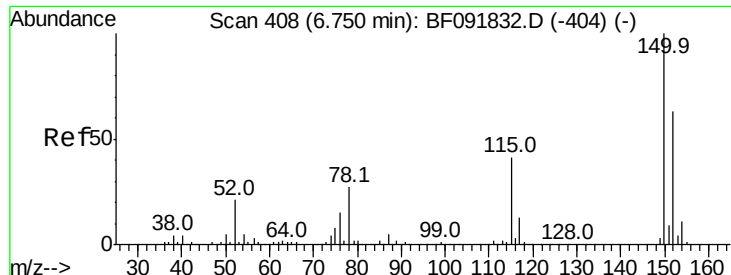
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

B-5

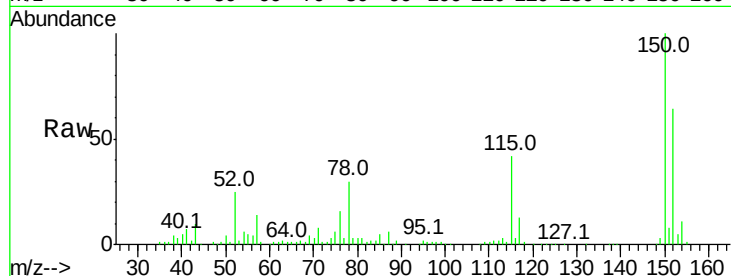
Tot Ion:152 Resp: 176334

Ion Ratio Lower Upper

152 100

150 157.4 124.9 187.3

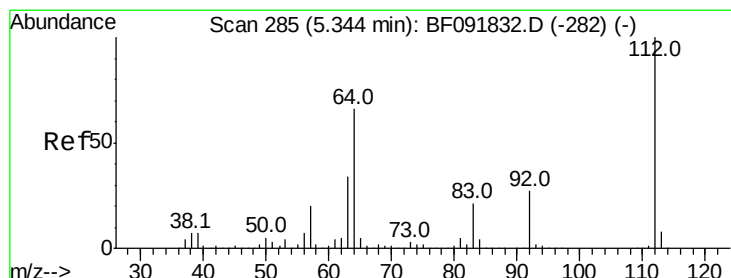
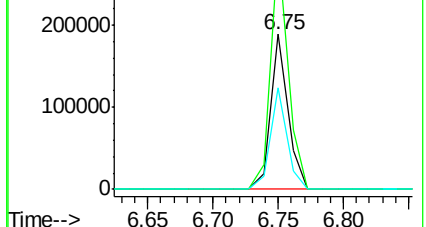
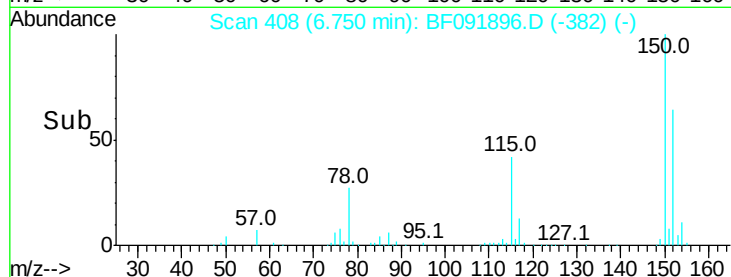
115 65.6 46.0 69.0



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: 132.94 ng

RT: 5.40 min Scan# 290

Delta R.T. 0.06 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

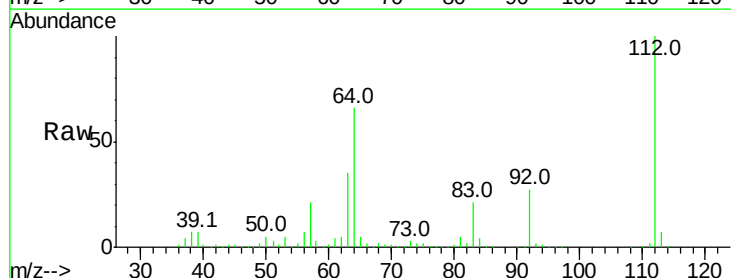
Tgt Ion:112 Resp: 1403900

Ion Ratio Lower Upper

112 100

64 66.5 46.1 69.1

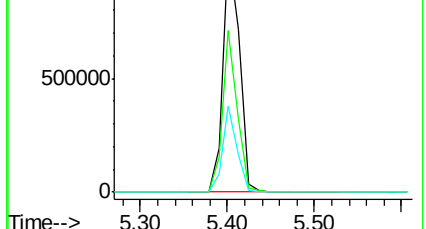
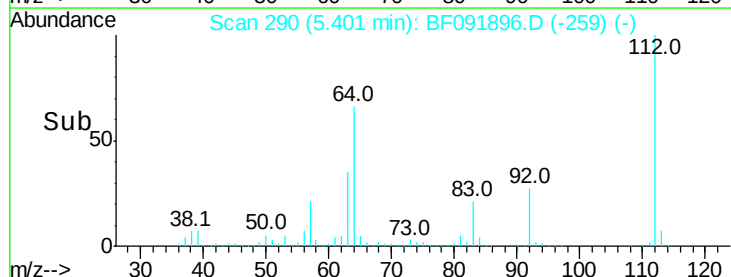
63 35.2 23.8 35.6

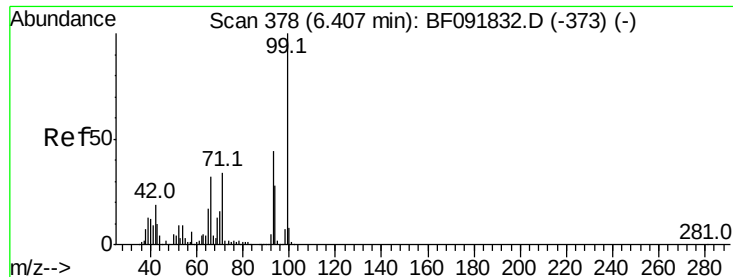


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.75 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.05 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

B-5

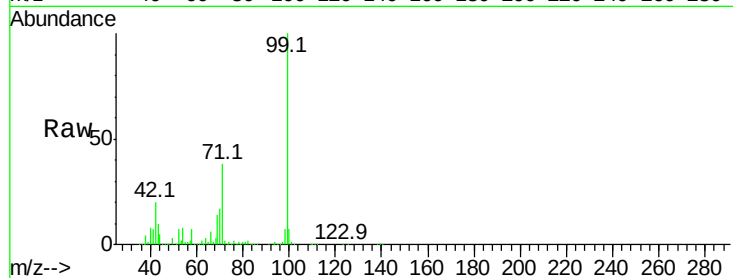
Tot Ion: 99 Resp: 1711575

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

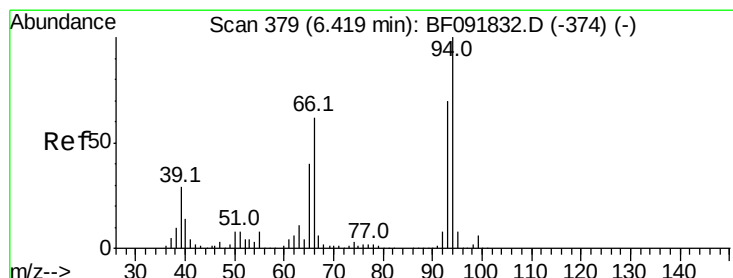
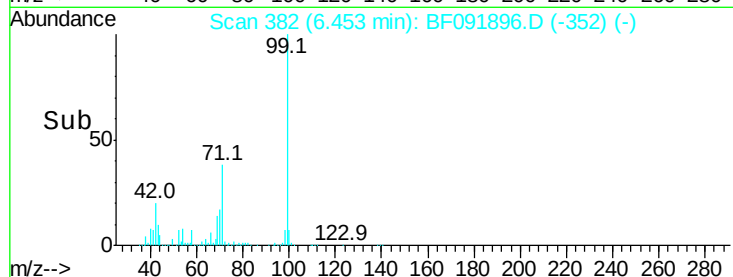
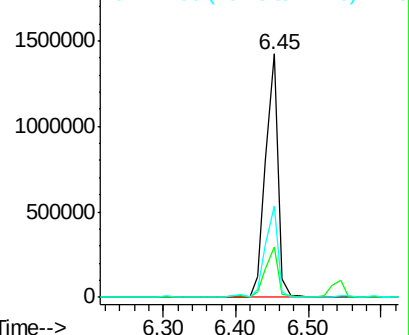
71 37.6 27.5 41.3



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



#10

Phenol

Concen: 5.20 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.05 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

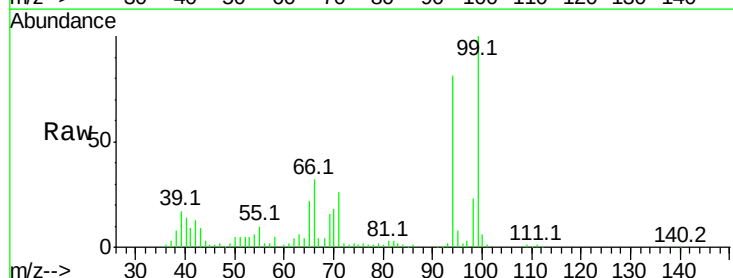
Tgt Ion: 94 Resp: 76447

Ion Ratio Lower Upper

94 100

65 27.2 21.4 61.4

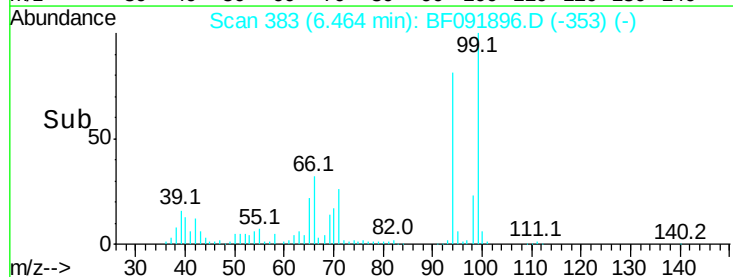
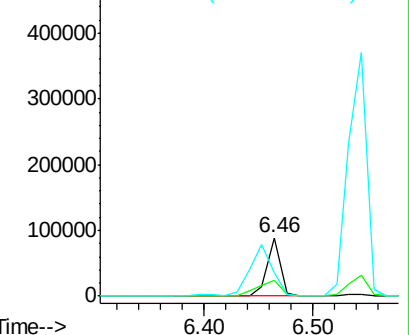
66 39.4 44.0 84.0#

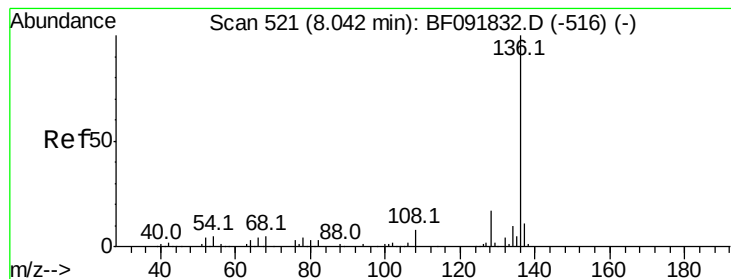


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

B-5

Tot Ion:136 Resp: 686651

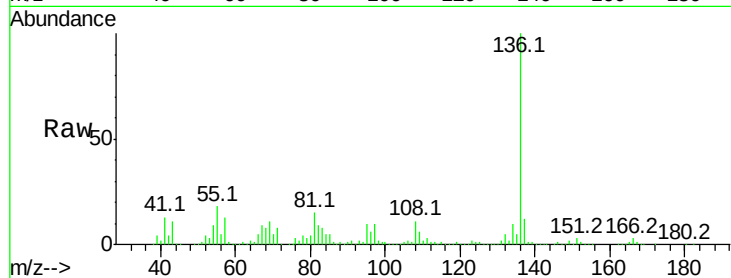
Ion Ratio Lower Upper

136 100

137 11.6 8.4 12.6

54 8.8 4.5 6.7#

68 7.9 3.6 5.4#

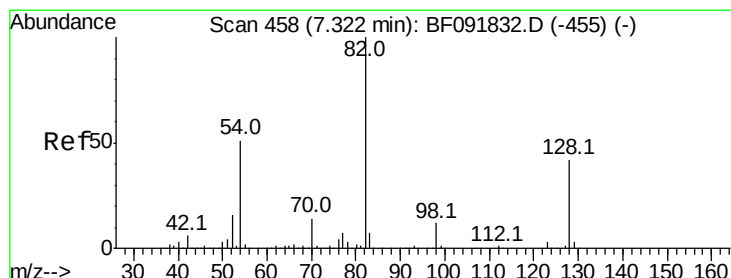
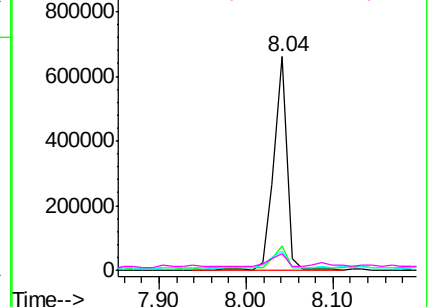
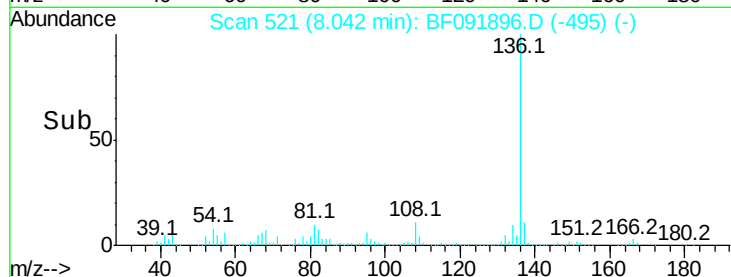


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.63 ng

RT: 7.32 min Scan# 458

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

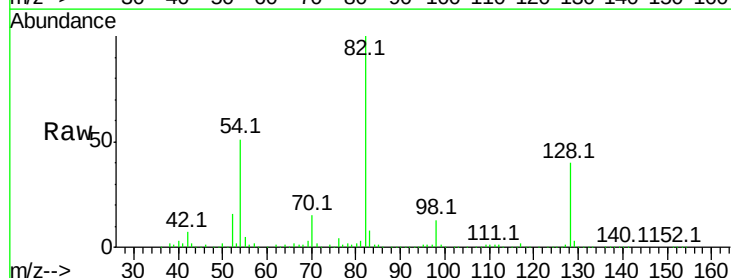
Tgt Ion: 82 Resp: 1143788

Ion Ratio Lower Upper

82 100

128 40.2 34.6 52.0

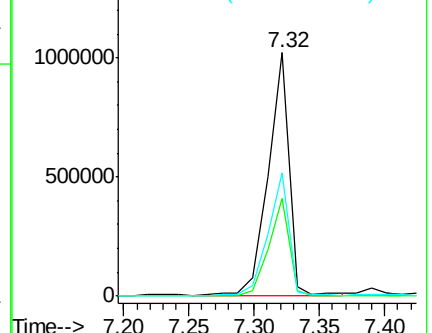
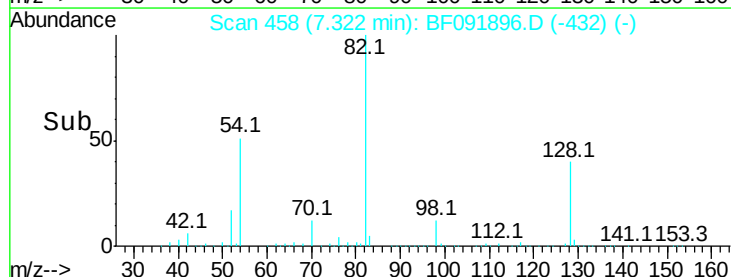
54 50.8 39.5 59.3

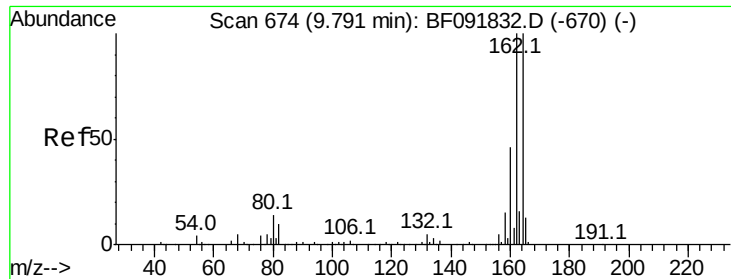


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.79 min Scan# 674

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

B-5

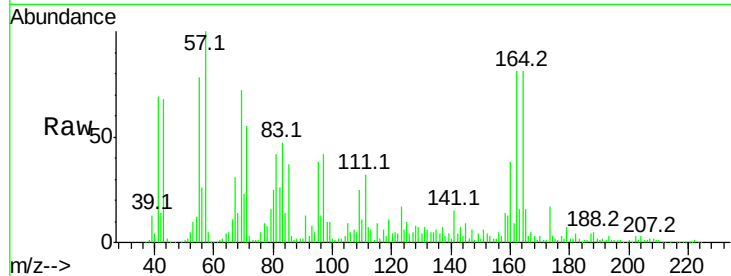
Tot Ion:164 Resp: 342831

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

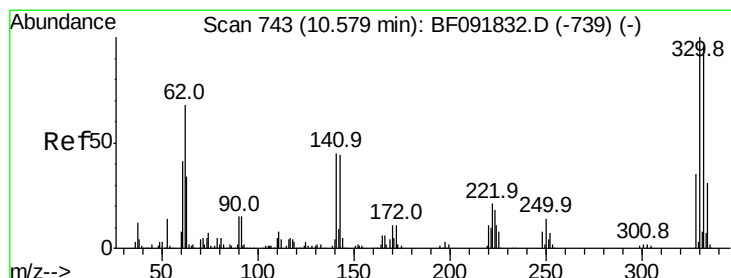
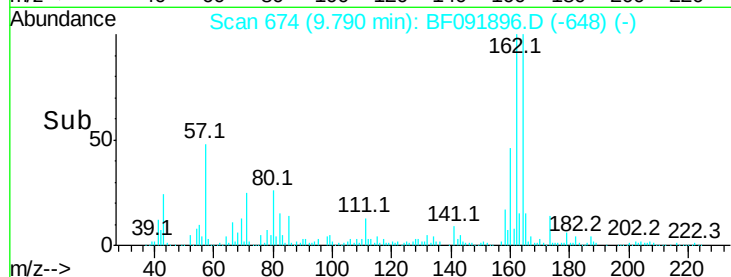
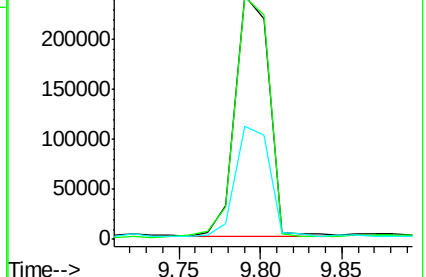
160 46.3 36.9 55.3



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: 95.38 ng

RT: 10.59 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

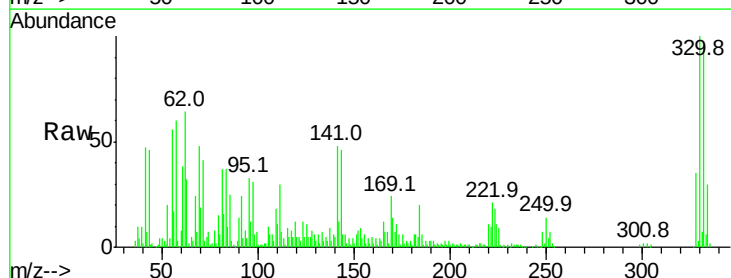
Tgt Ion:330 Resp: 270605

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

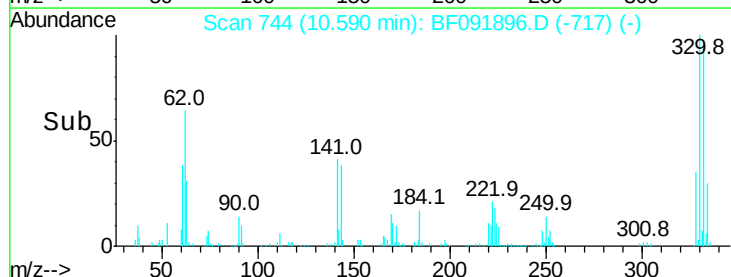
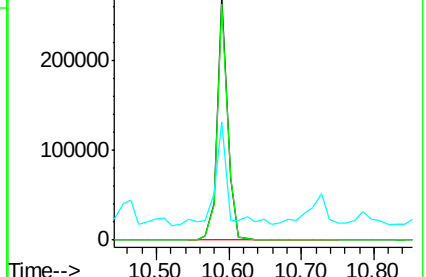
141 45.6 34.1 51.1

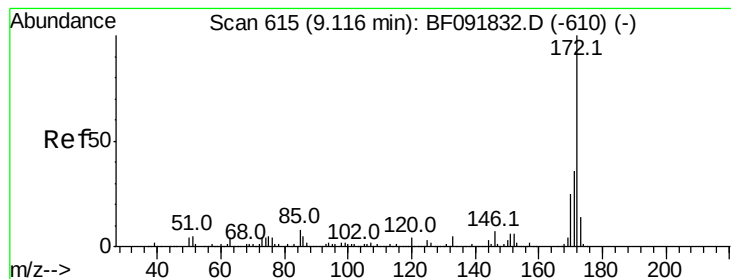


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

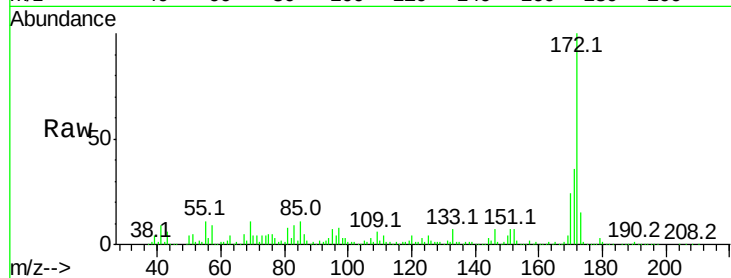




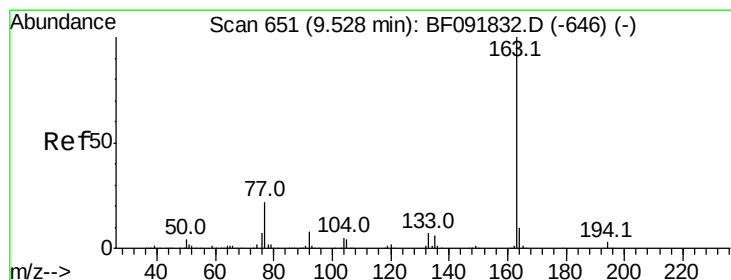
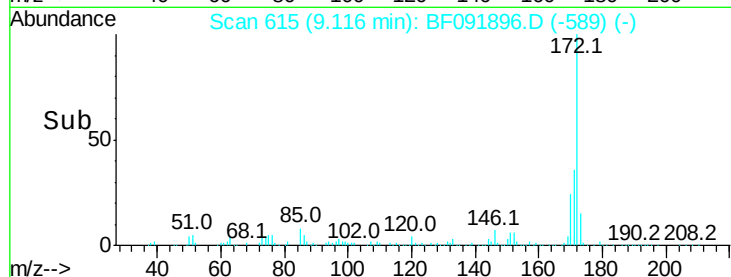
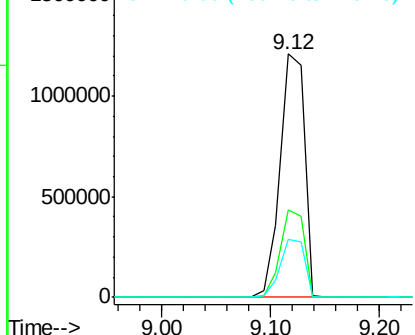
#44
2-Fluorobiphenyl
Concen: 118.44 ng
RT: 9.12 min Scan# 615
Delta R.T. 0.00 min
Lab File: BF091896.D
Acq: 22 Dec 2016 19:54

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion:172 Resp: 1896887
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 23.9 20.2 30.4

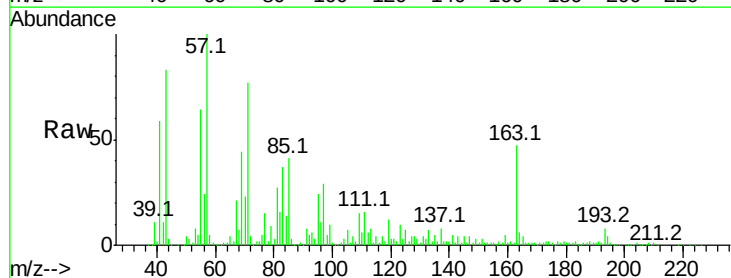


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

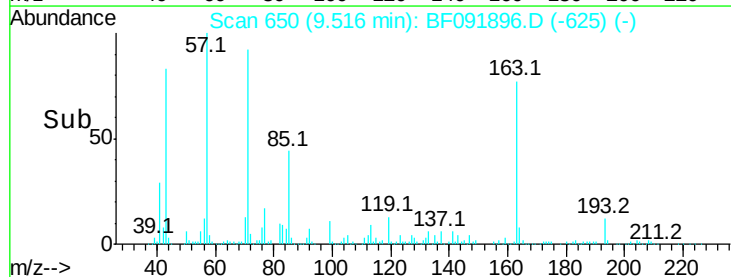
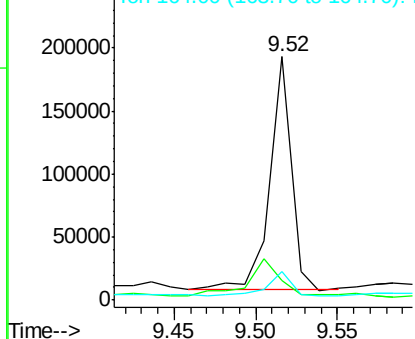


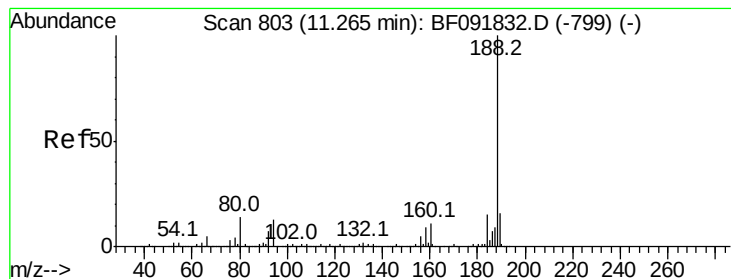
#49
Dimethylphthalate
Concen: 7.87 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091896.D
Acq: 22 Dec 2016 19:54

Tgt Ion:163 Resp: 172662
Ion Ratio Lower Upper
163 100
194 8.1 3.0 4.4#
164 11.7 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: 11.28 min Scan# 804

Delta R.T. 0.01 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

B-5

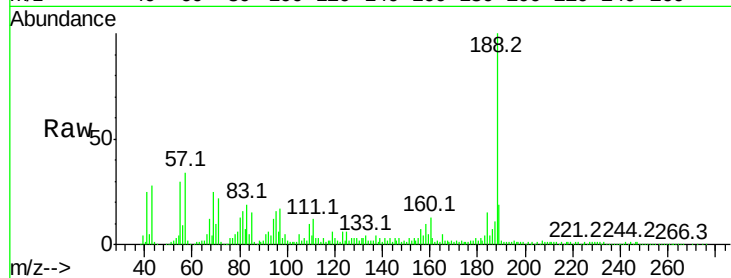
Tot Ion:188 Resp: 397450

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

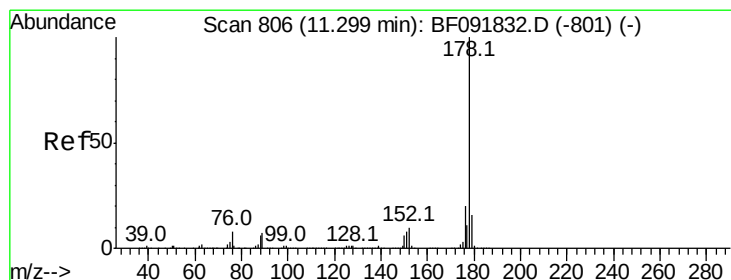
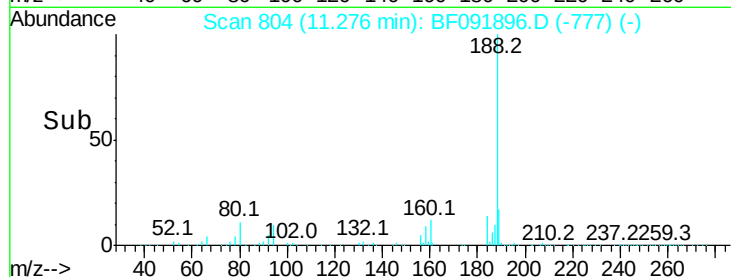
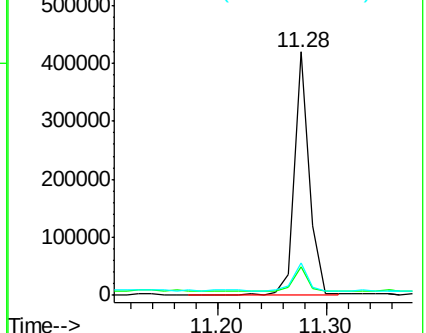
80 13.2 11.2 16.8



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: 4.47 ng

RT: 11.30 min Scan# 806

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

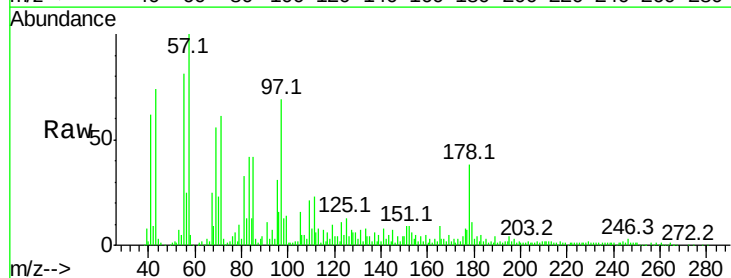
Tgt Ion:178 Resp: 96348

Ion Ratio Lower Upper

178 100

176 21.0 16.6 25.0

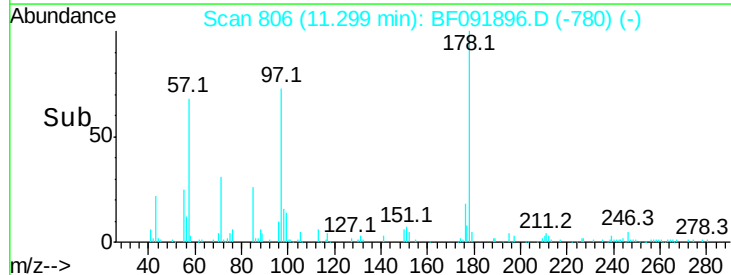
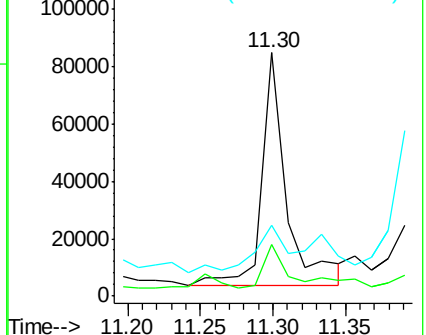
179 29.0 12.8 19.2#

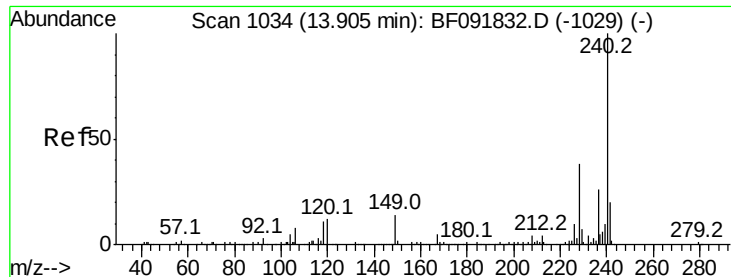


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

Instrument :

BNA_F

ClientSampleId :

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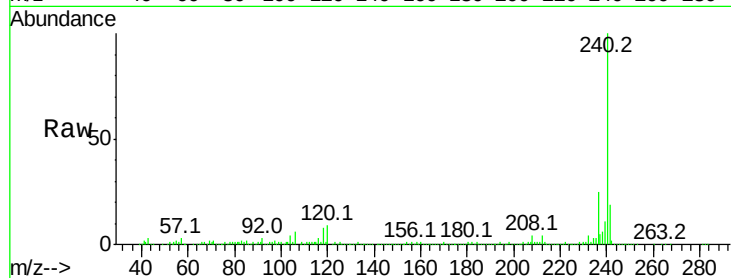
Tot Ion:240 Resp: 359725

Ion Ratio Lower Upper

240 100

120 8.9 12.9 19.3#

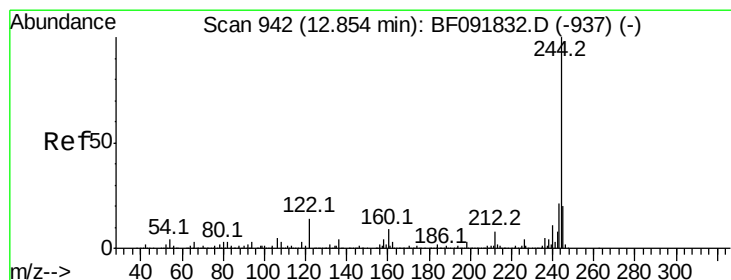
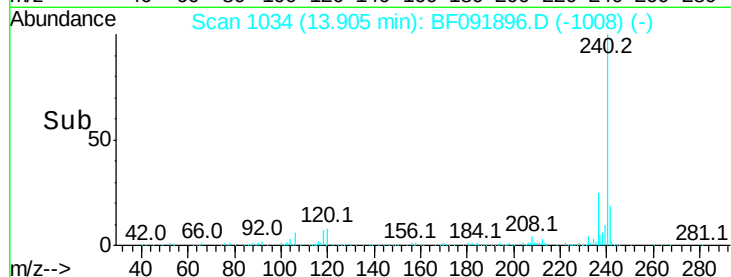
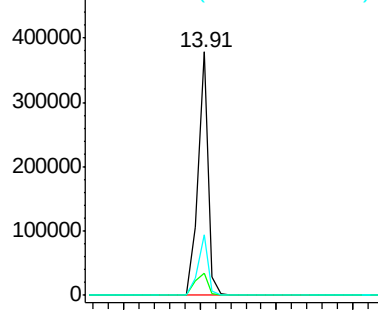
236 25.1 20.9 31.3



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: 78.18 ng

RT: 12.86 min Scan# 943

Delta R.T. 0.01 min

Lab File: BF091896.D

Acq: 22 Dec 2016 19:54

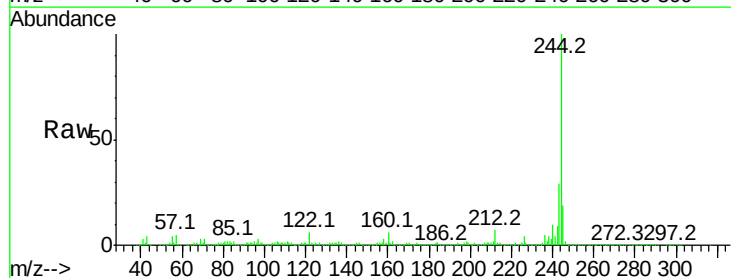
Tgt Ion:244 Resp: 1159668

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

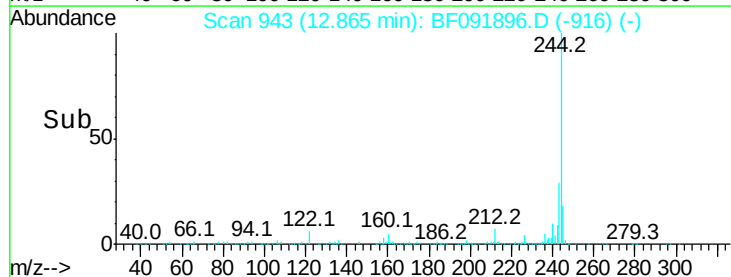
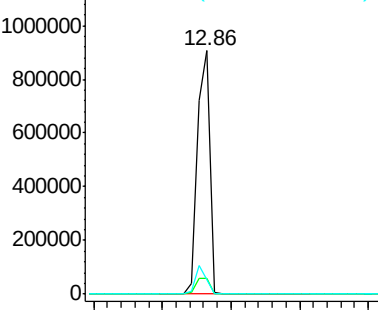
122 5.9 11.4 17.2#

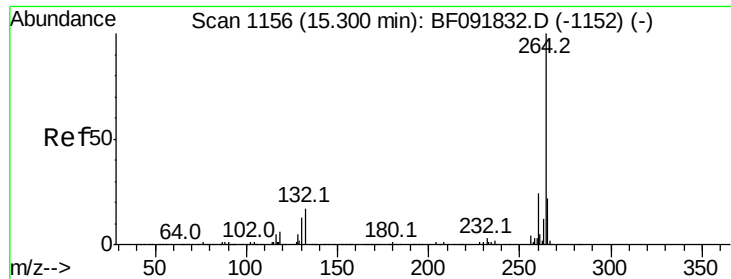


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091896.D
Acq: 22 Dec 2016 19:54

Instrument :
BNA_F
ClientSampleId :
B-5

Tot Ion:	264	Resp:	309838
Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.2	17.4	26.0

