

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121816\
 Data File : BF091755.D
 Acq On : 18 Dec 2016 23:53
 Operator : UM/SJ
 Sample : H6125-04
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(22-24)-12-14-16

Quant Time: Dec 19 03:50:59 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

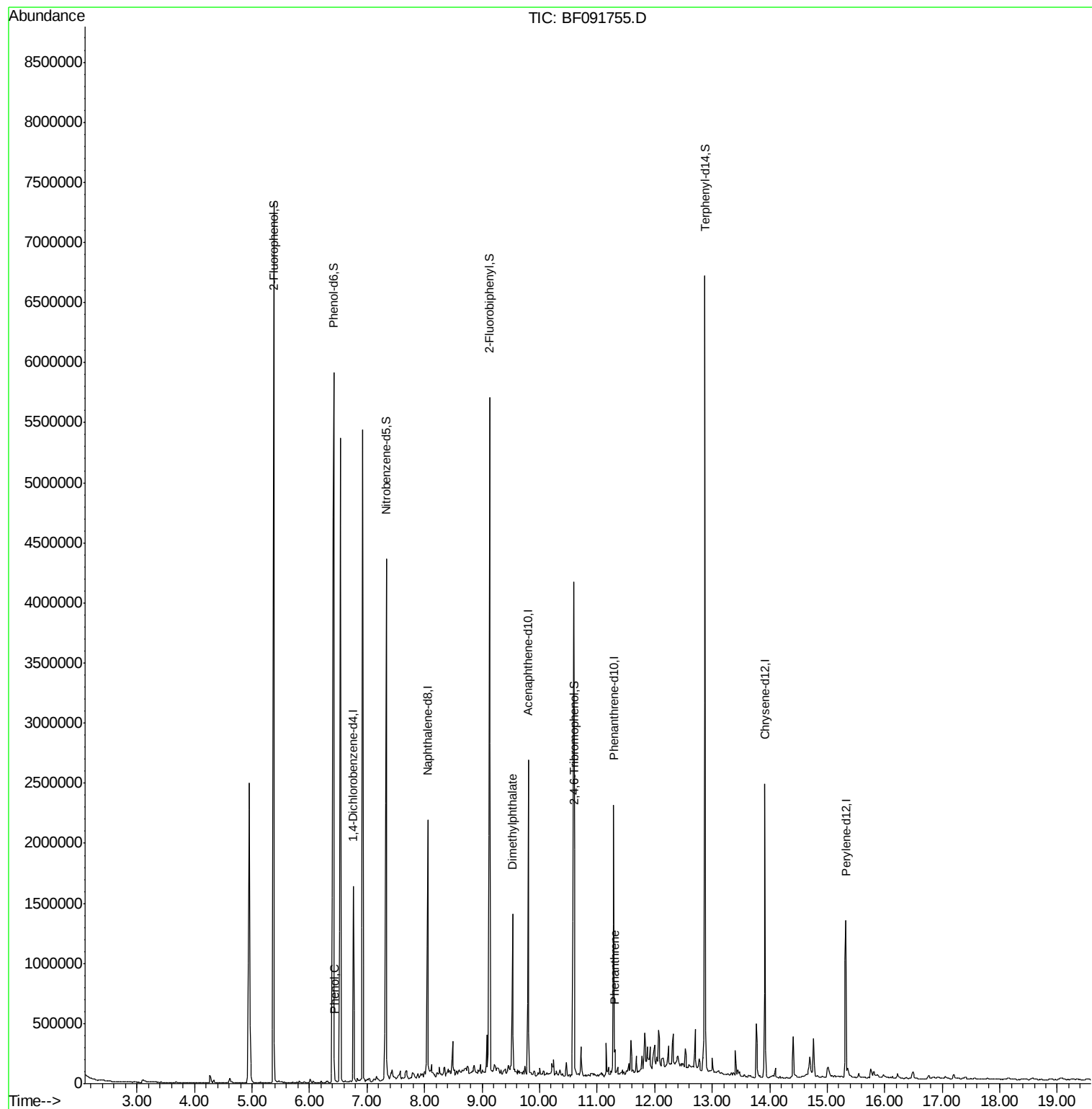
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	258105	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	1141196	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	573745	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	1009912	20.00	ng	0.00
75) Chrysene-d12	13.92	240	833574	20.00	ng	-0.01
86) Perylene-d12	15.32	264	661048	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	2318075	150.47	ng	0.01
7) Phenol-d6	6.42	99	2932503	156.08	ng	0.00
23) Nitrobenzene-d5	7.33	82	1728158	87.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	694554	142.76	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	2481702	86.90	ng	-0.01
78) Terphenyl-d14	12.88	244	2256944	68.36	ng	0.00
Target Compounds						
10) Phenol	6.43	94	85627	4.04	ng	Qvalue # 58
49) Dimethylphthalate	9.53	163	569326	15.19	ng	100
70) Phenanthrene	11.31	178	102774	2.04	ng	97

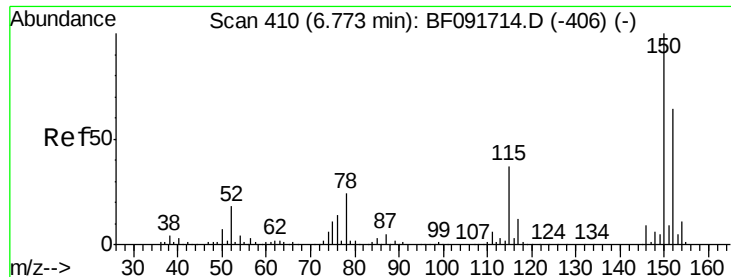
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-47(22-24)-12-14-16

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QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

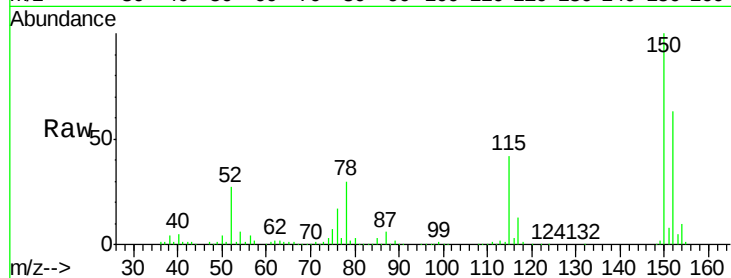
Tot Ion:152 Resp: 258105

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

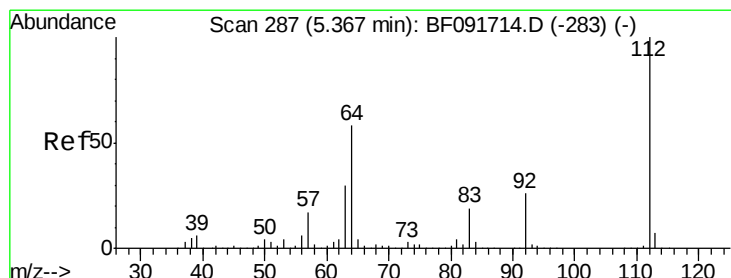
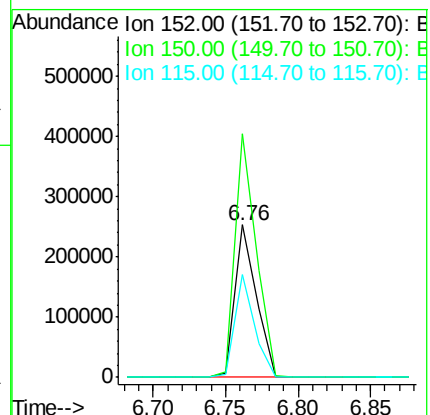
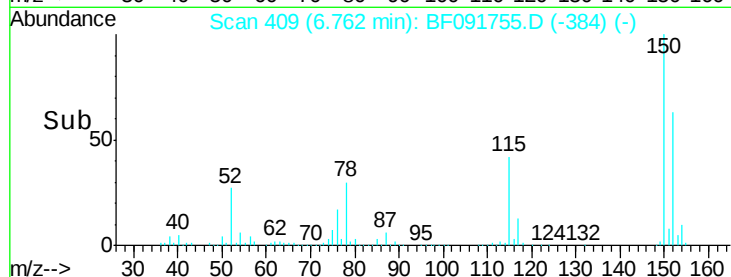
115 67.1 46.0 69.0



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: 150.47 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

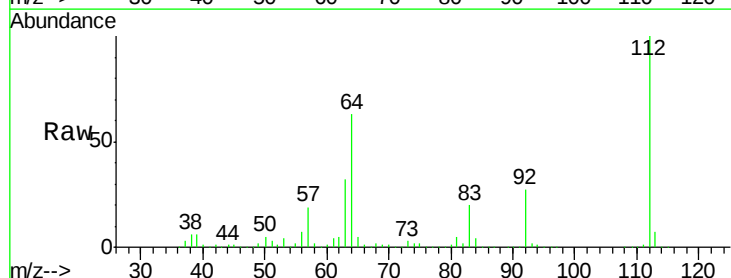
Tgt Ion:112 Resp: 2318075

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

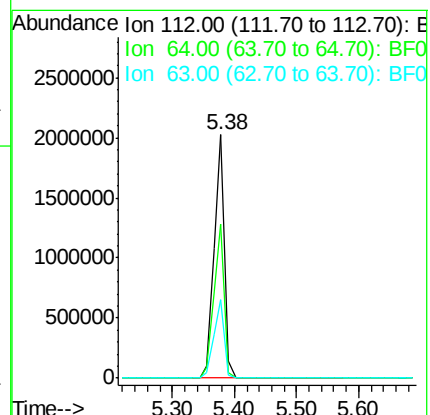
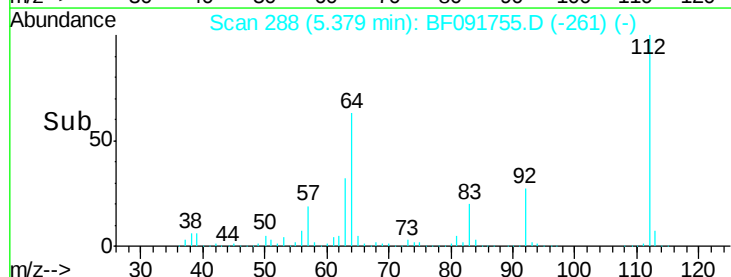
63 32.5 23.8 35.6

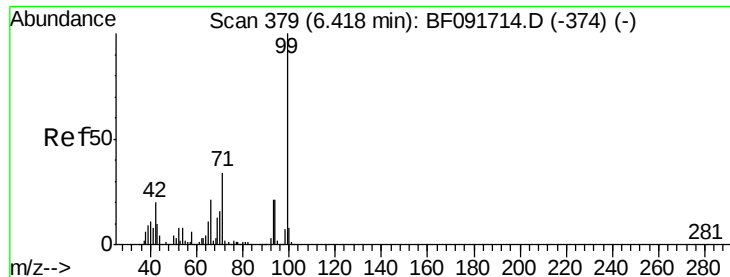


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 156.08 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

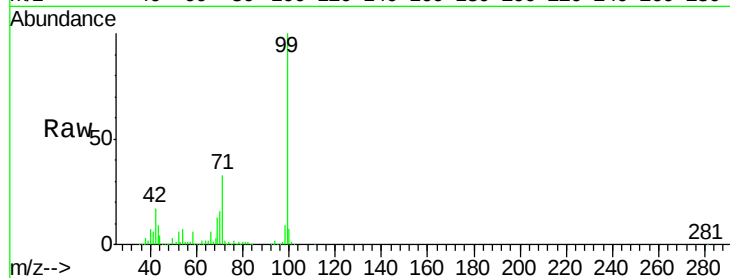
Tot Ion: 99 Resp: 2932503

Ion Ratio Lower Upper

99 100

42 16.9 15.6 23.4

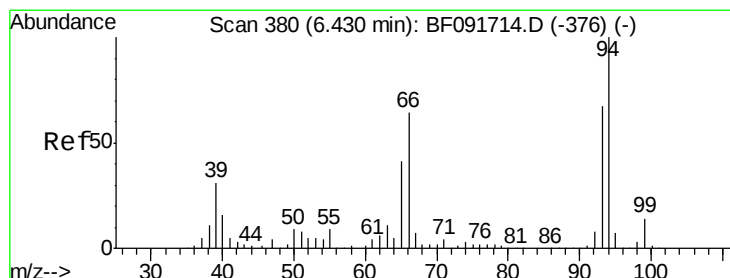
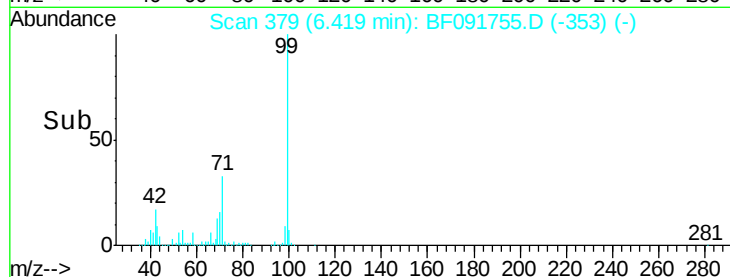
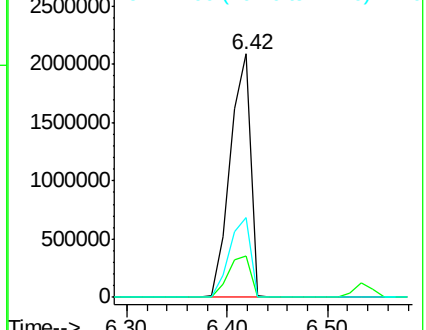
71 33.0 27.5 41.3



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: 4.04 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

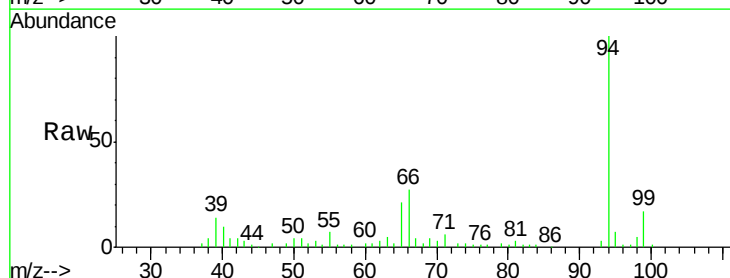
Tgt Ion: 94 Resp: 85627

Ion Ratio Lower Upper

94 100

65 21.0 21.4 61.4#

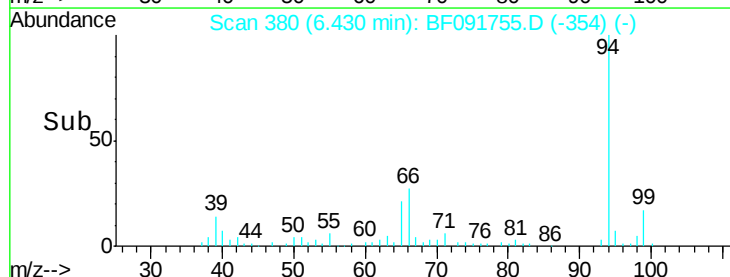
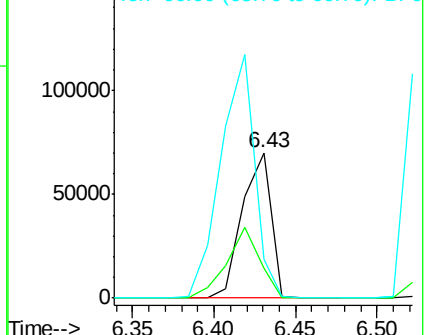
66 26.8 44.0 84.0#

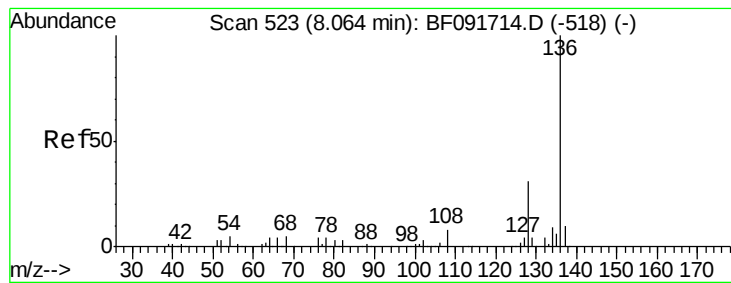


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

Tot Ion:136 Resp: 1141196

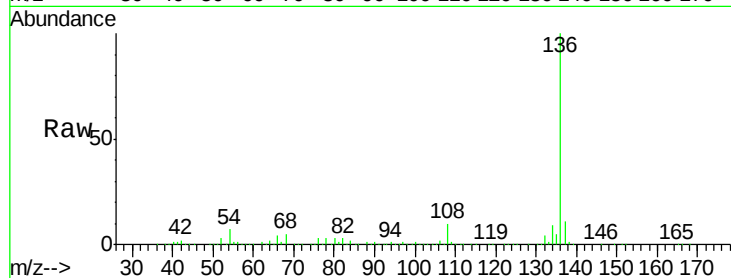
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.6 4.5 6.7

68 5.4 3.6 5.4

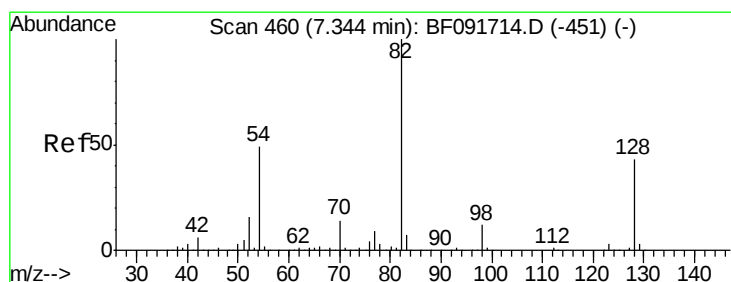
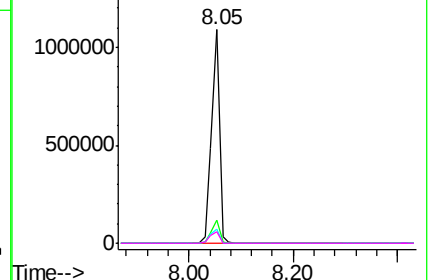
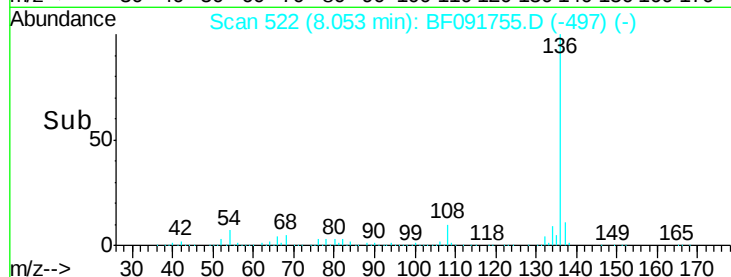


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.33 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

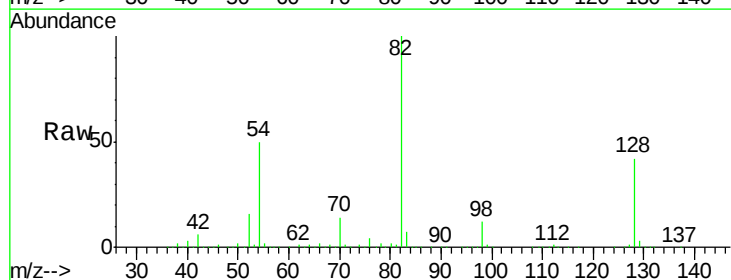
Tgt Ion: 82 Resp: 1728158

Ion Ratio Lower Upper

82 100

128 42.4 34.6 52.0

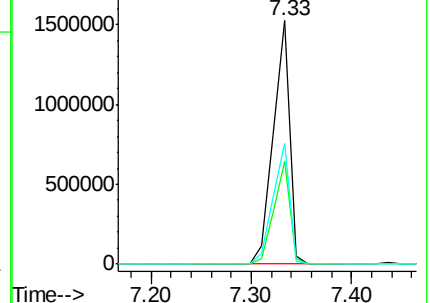
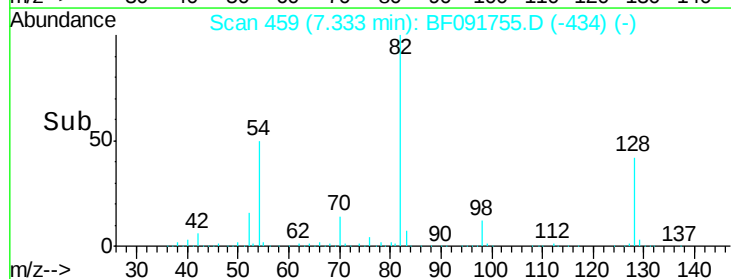
54 49.8 39.5 59.3

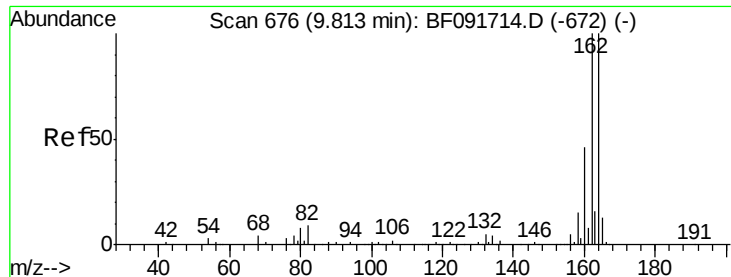


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.80 min Scan# 675

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

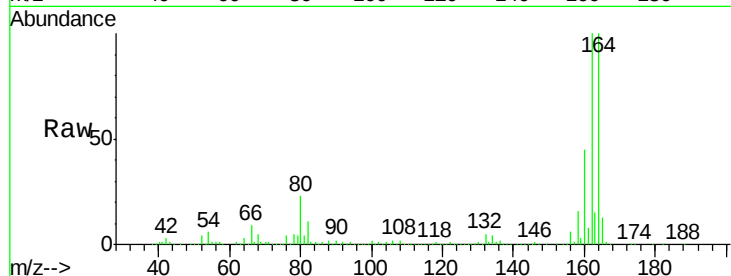
Tot Ion:164 Resp: 573745

Ion Ratio Lower Upper

164 100

162 99.5 80.2 120.2

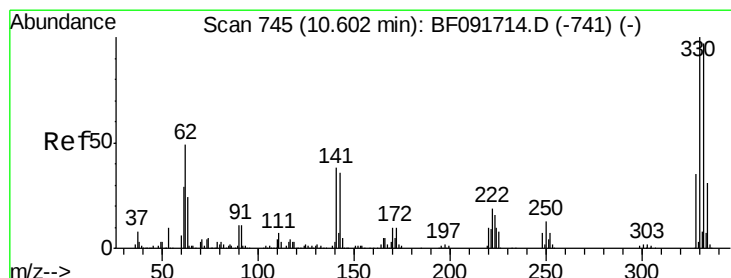
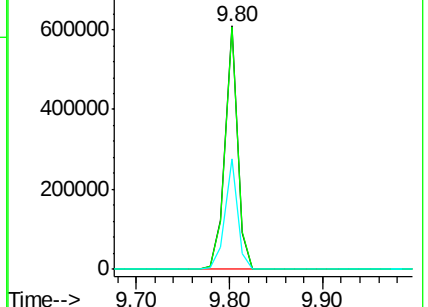
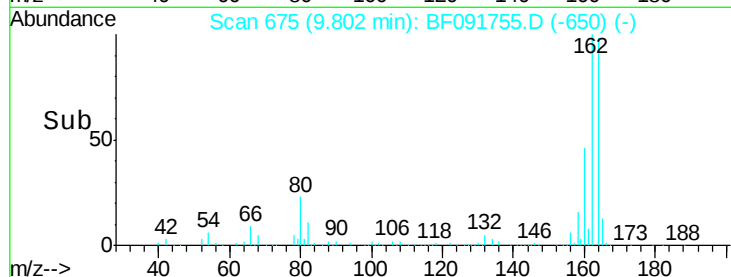
160 45.4 36.9 55.3



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: 142.76 ng

RT: 10.60 min Scan# 745

Delta R.T. 0.00 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

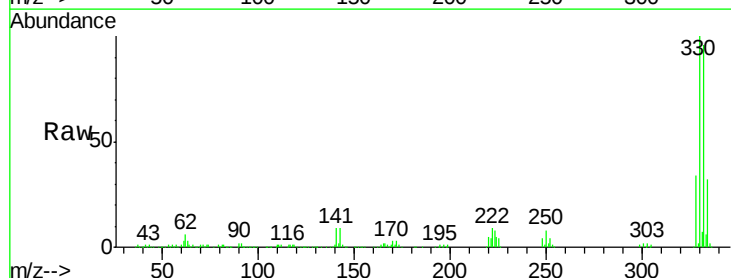
Tgt Ion:330 Resp: 694554

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

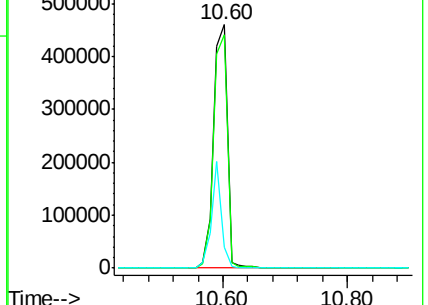
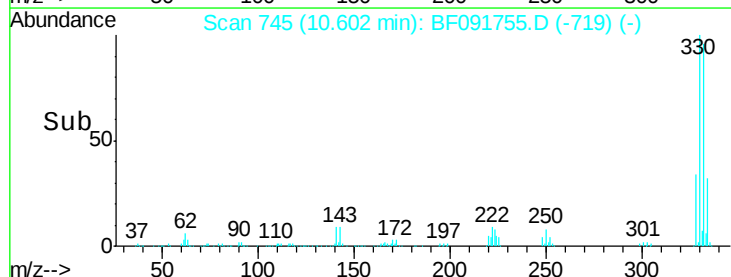
141 32.1 34.1 51.1#

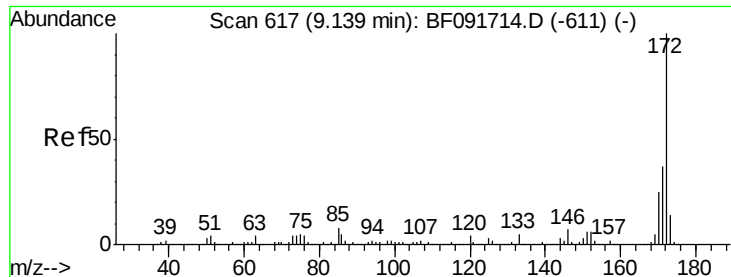


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

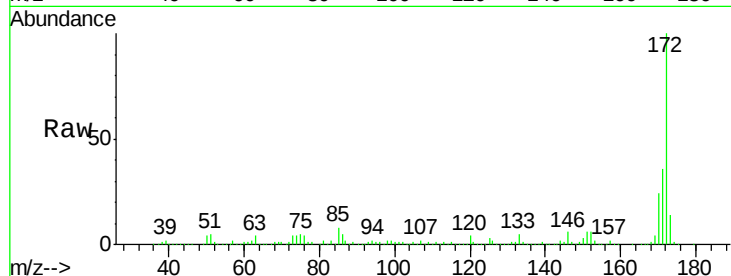




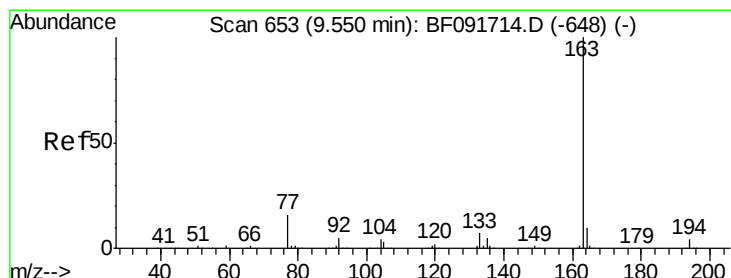
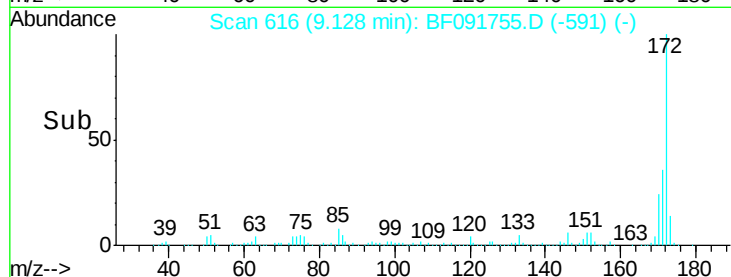
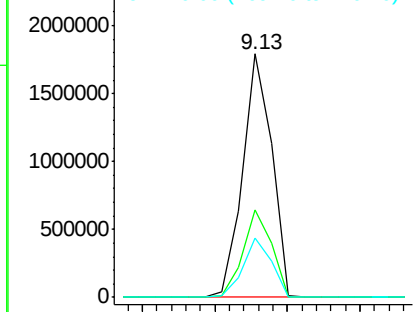
#44
2-Fluorobiphenyl
Concen: 86.90 ng
RT: 9.13 min Scan# 616
Delta R.T. -0.01 min
Lab File: BF091755.D
Acq: 18 Dec 2016 23:53

Instrument :
BNA_F
ClientSampleId :
SB-47(22-24)-12-14-16

Tot Ion:172 Resp: 2481702
Ion Ratio Lower Upper
172 100
171 35.9 29.4 44.0
170 24.4 20.2 30.4

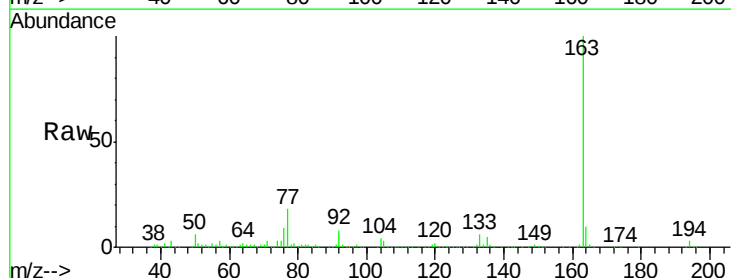


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

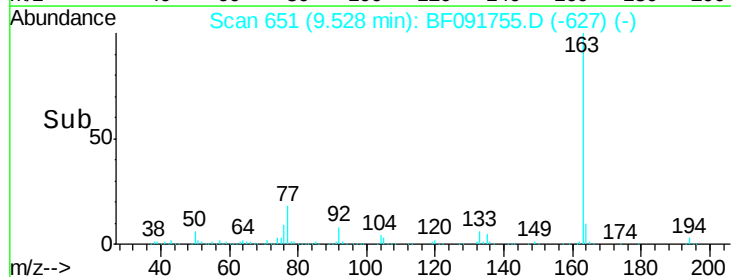
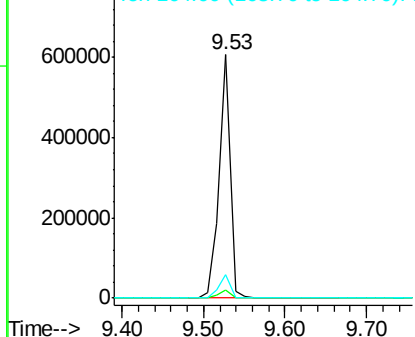


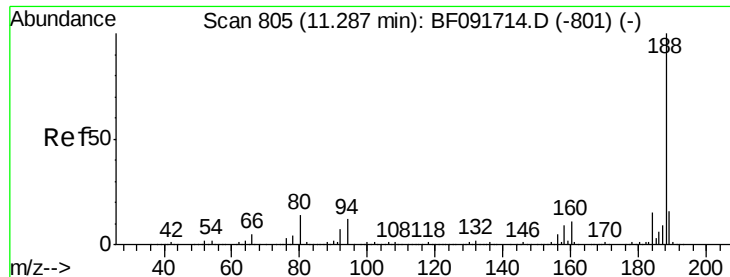
#49
Dimethylphthalate
Concen: 15.19 ng
RT: 9.53 min Scan# 651
Delta R.T. -0.02 min
Lab File: BF091755.D
Acq: 18 Dec 2016 23:53

Tgt Ion:163 Resp: 569326
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 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: 11.29 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

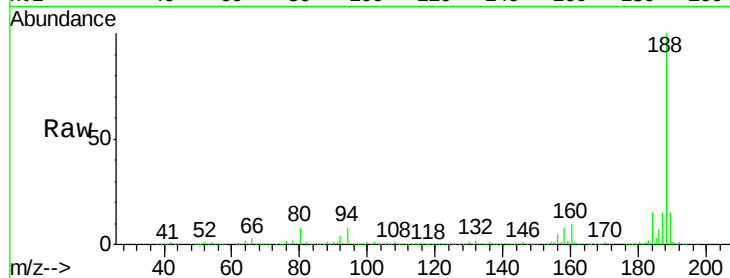
Tot Ion:188 Resp: 1009912

Ion Ratio Lower Upper

188 100

94 7.8 10.0 15.0#

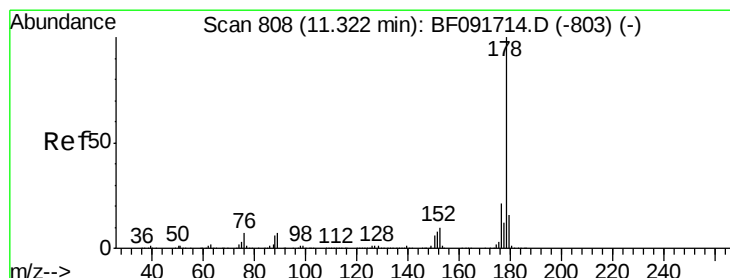
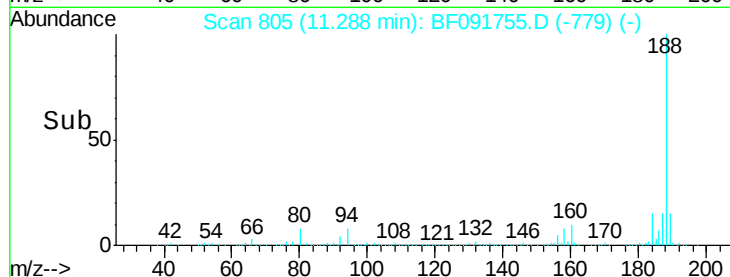
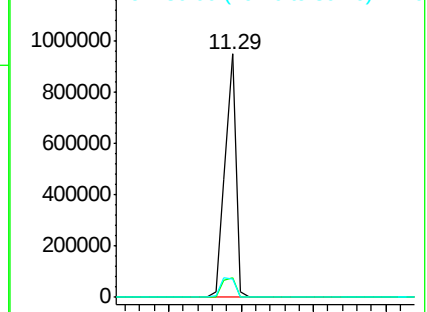
80 7.8 11.2 16.8#



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: 2.04 ng

RT: 11.31 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

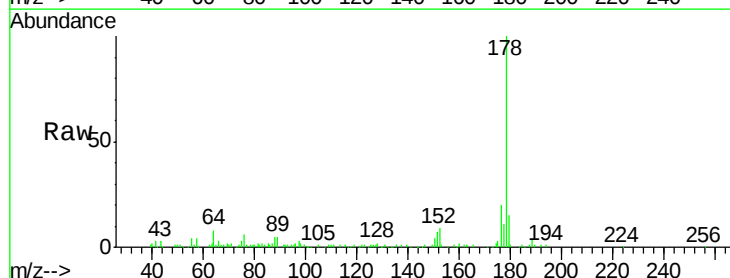
Tgt Ion:178 Resp: 102774

Ion Ratio Lower Upper

178 100

176 19.6 16.6 25.0

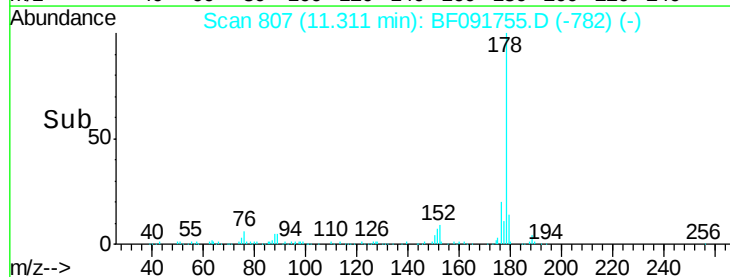
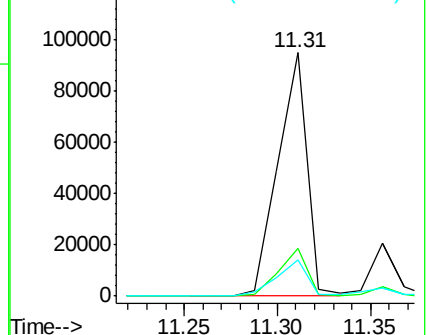
179 14.8 12.8 19.2

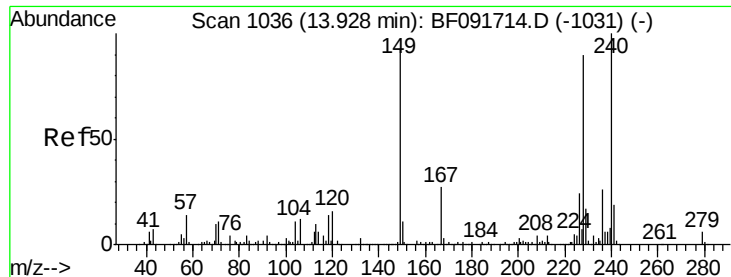


Abundance Ion 178.00 (177.70 to 178.70): E

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: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

Instrument :

BNA_F

ClientSampleId :

SB-47(22-24)-12-14-16

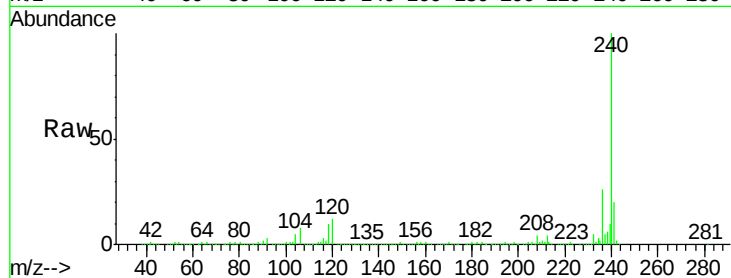
Tot Ion:240 Resp: 833574

Ion Ratio Lower Upper

240 100

120 11.8 12.9 19.3#

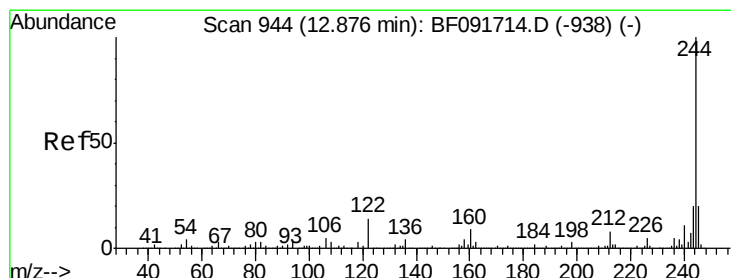
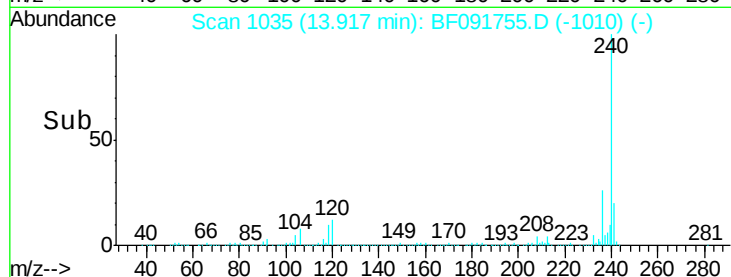
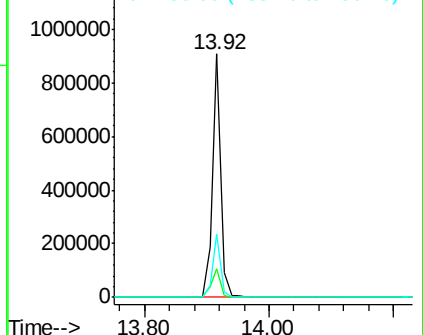
236 26.1 20.9 31.3



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: 68.36 ng

RT: 12.88 min Scan# 944

Delta R.T. 0.00 min

Lab File: BF091755.D

Acq: 18 Dec 2016 23:53

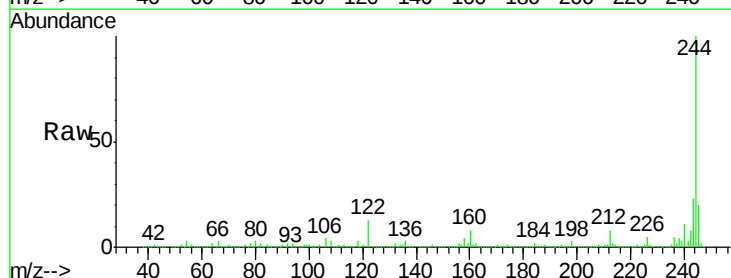
Tgt Ion:244 Resp: 2256944

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

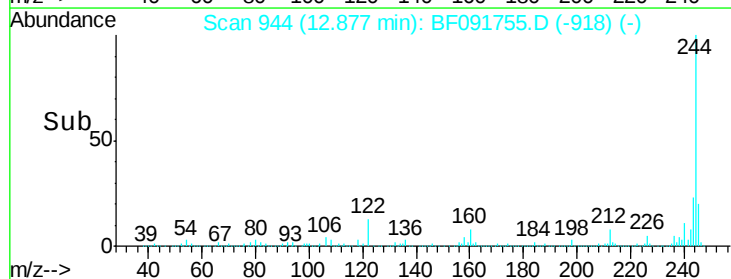
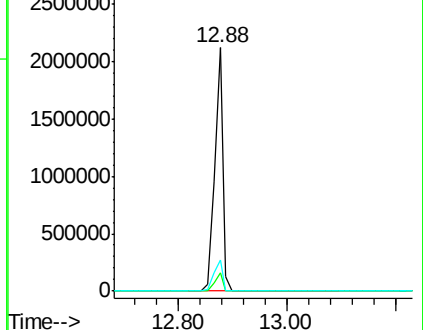
122 12.7 11.4 17.2

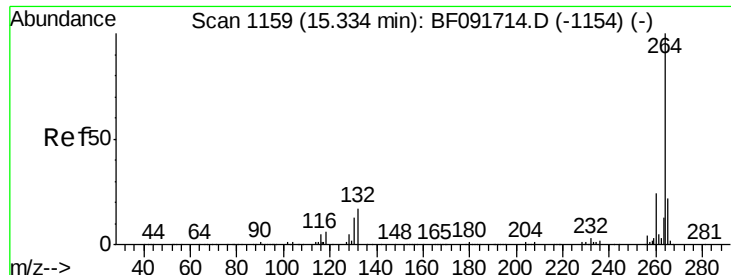


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

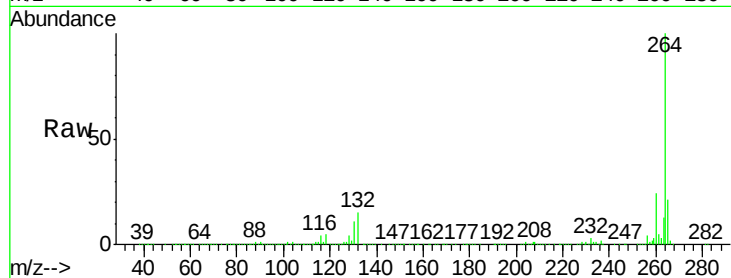




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1158
 Delta R.T. -0.01 min
 Lab File: BF091755.D
 Acq: 18 Dec 2016 23:53

Instrument :
 BNA_F
 ClientSampleId :
 SB-47(22-24)-12-14-16

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.4	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

