

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095184.D
 Acq On : 17 May 2017 6:42
 Operator : SJ/MA
 Sample : I3153-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DS-5-6

Quant Time: May 17 09:12:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

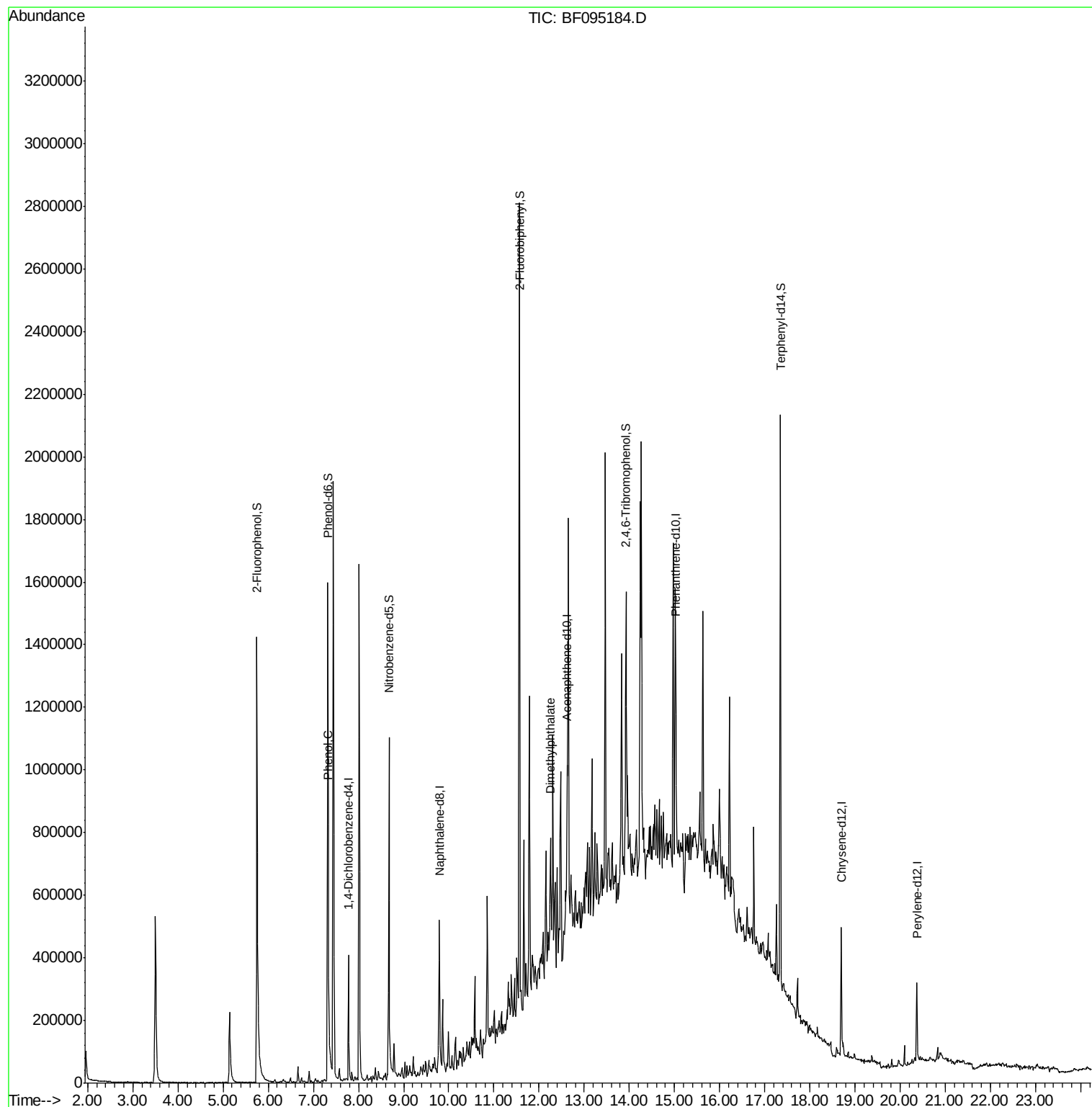
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	84638	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	322399	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	142923	20.00	ng	0.04
63) Phenanthrene-d10	15.04	188	200609	20.00	ng	0.05
75) Chrysene-d12	18.69	240	170881	20.00	ng	0.04
86) Perylene-d12	20.37	264	121736	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	799193	157.43	ng	0.07
7) Phenol-d6	7.32	99	942650	154.76	ng	0.05
23) Nitrobenzene-d5	8.68	82	529191	103.51	ng	0.04
41) 2,4,6-Tribromophenol	13.93	330	164207	140.29	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1081995	108.96	ng	0.04
78) Terphenyl-d14	17.35	244	695456	89.64	ng	0.04
Target Compounds						
10) Phenol	7.34	94	23991	3.74	ng	# 77
49) Dimethylphthalate	12.25	163	161436	13.76	ng	# 98

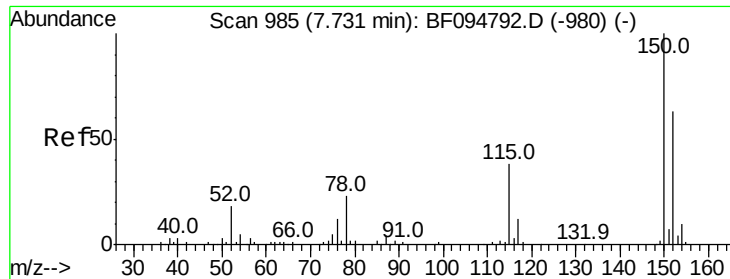
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.78 min Scan# 993

Delta R.T. 0.05 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

DS-5-6

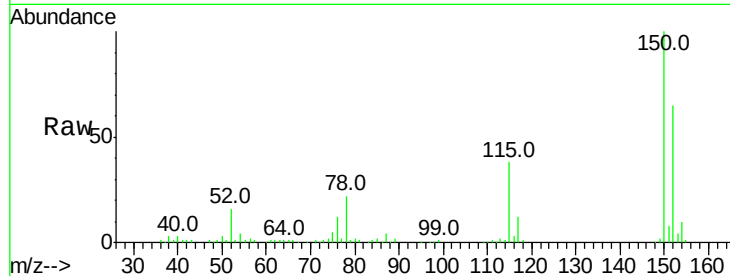
Tot Ion:152 Resp: 84638

Ion Ratio Lower Upper

152 100

150 155.0 126.2 189.2

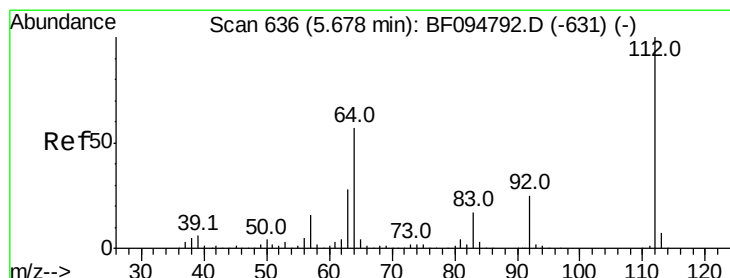
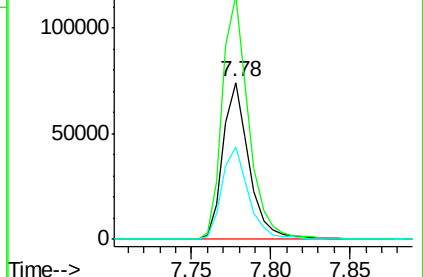
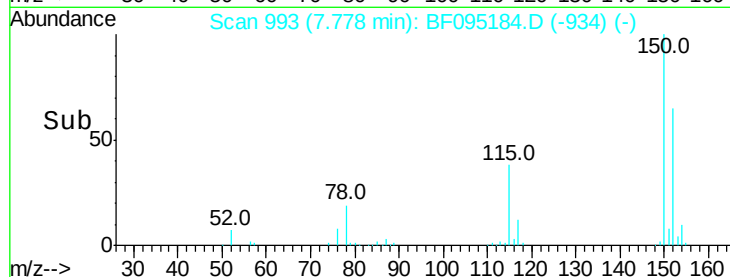
115 58.8 52.2 78.2



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: 157.43 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.07 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

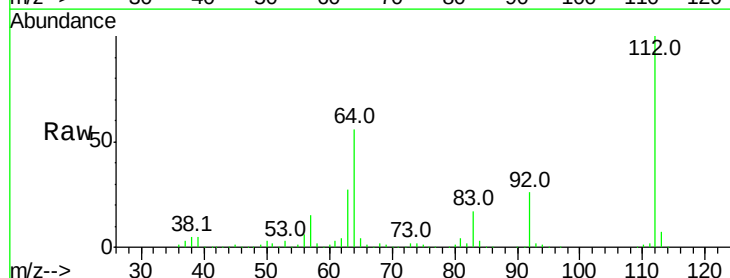
Tgt Ion:112 Resp: 799193

Ion Ratio Lower Upper

112 100

64 55.6 46.0 69.0

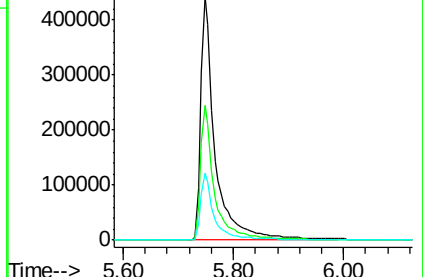
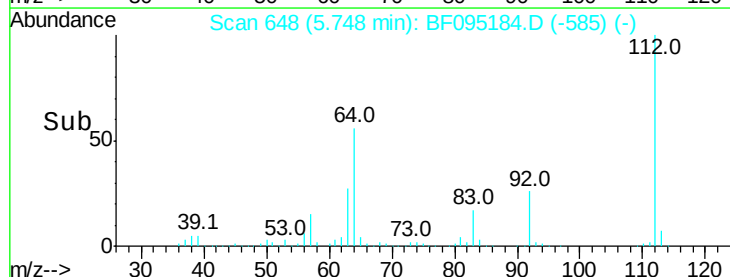
63 27.5 23.4 35.0

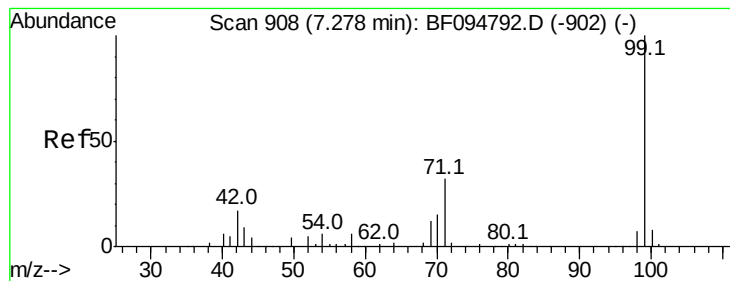


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 154.76 ng

RT: 7.32 min Scan# 916

Delta R.T. 0.05 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

DS-5-6

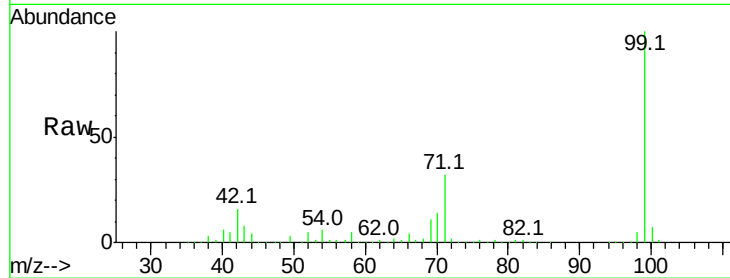
Tot Ion: 99 Resp: 942650

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

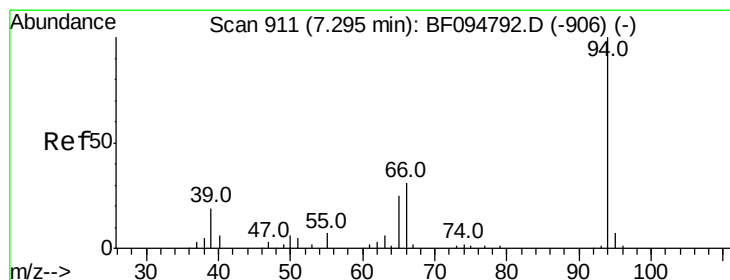
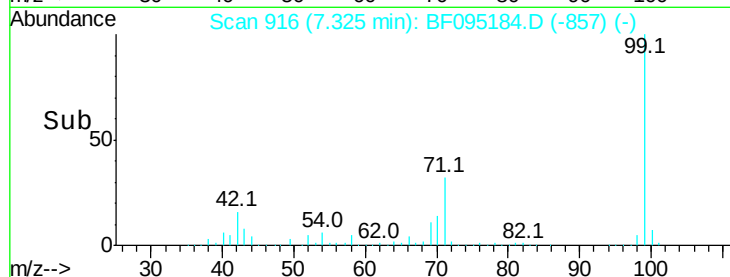
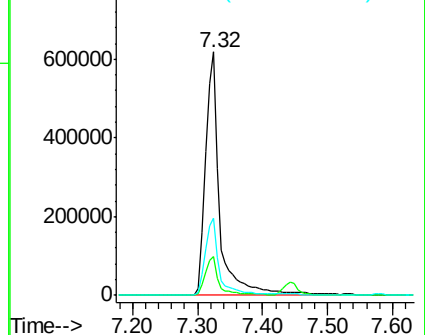
71 31.9 24.5 36.7



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: 3.74 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

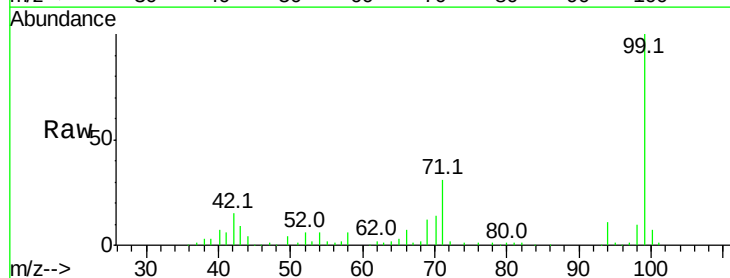
Tgt Ion: 94 Resp: 23991

Ion Ratio Lower Upper

94 100

65 30.3 9.9 49.9

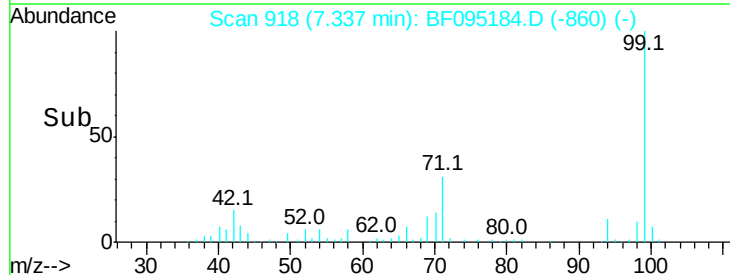
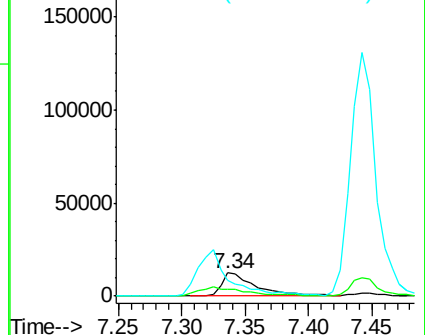
66 67.8 23.1 63.1#

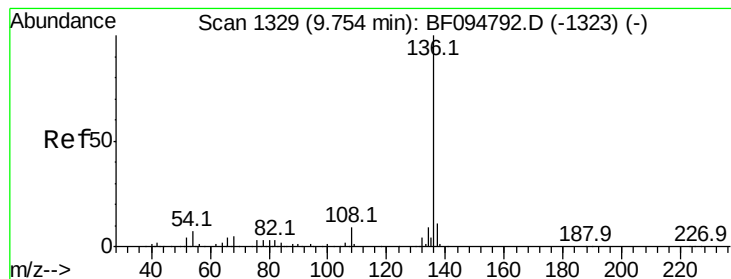


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

DS-5-6

Tot Ion:136 Resp: 322399

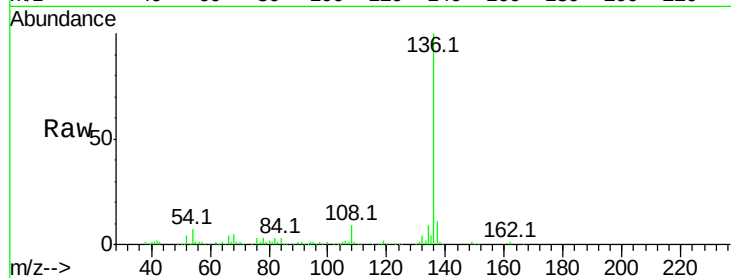
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

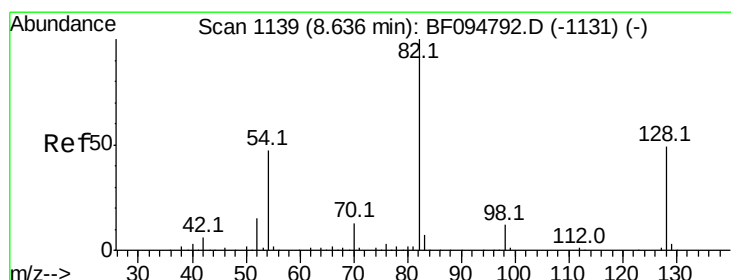
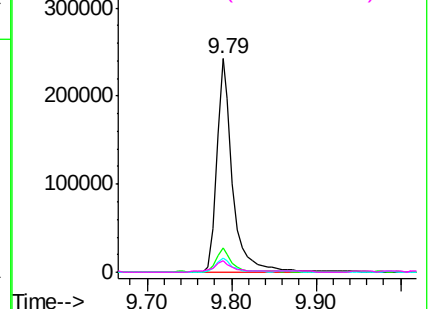
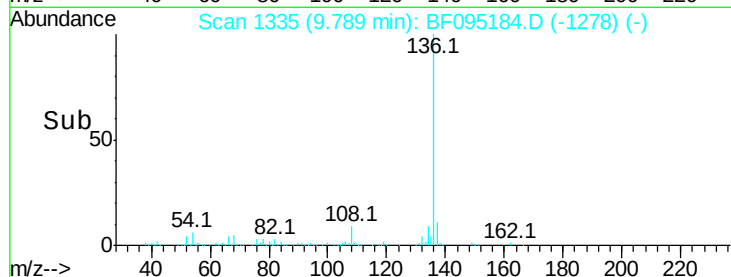


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.51 ng

RT: 8.68 min Scan# 1146

Delta R.T. 0.04 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

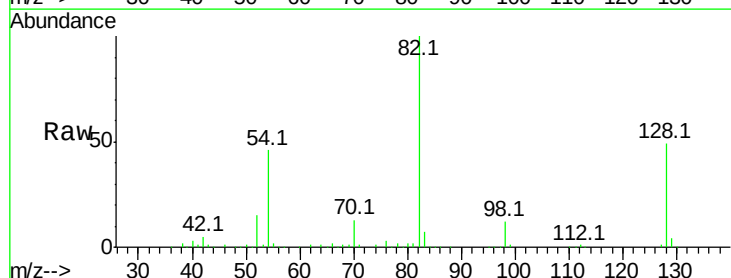
Tgt Ion: 82 Resp: 529191

Ion Ratio Lower Upper

82 100

128 48.6 34.0 51.0

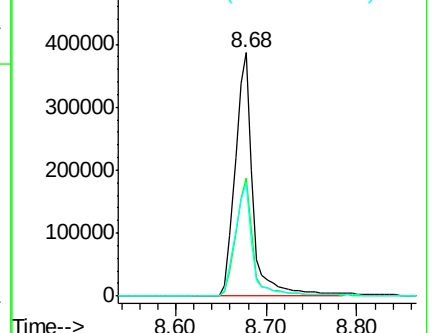
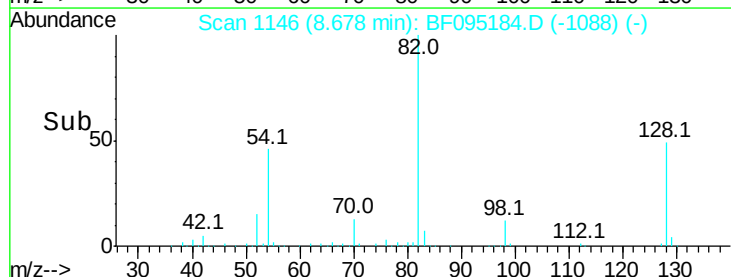
54 46.2 42.2 63.2

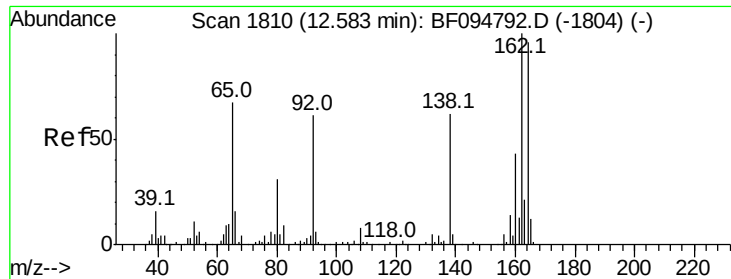


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

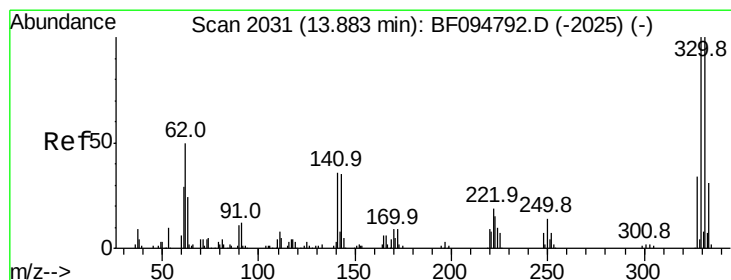
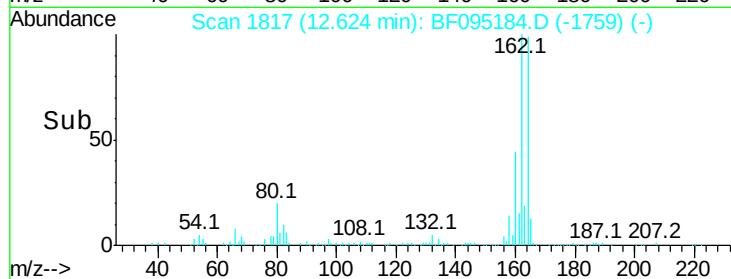
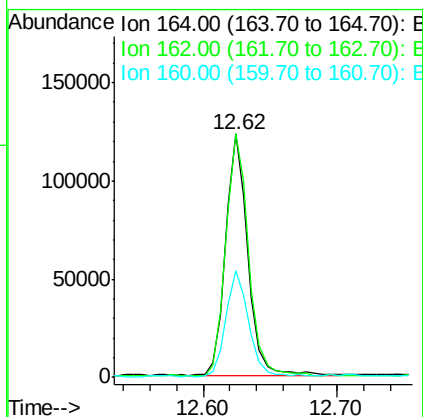
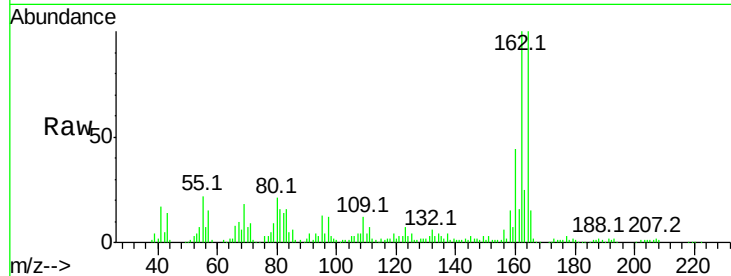




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095184.D
 Acq: 17 May 2017 6:42

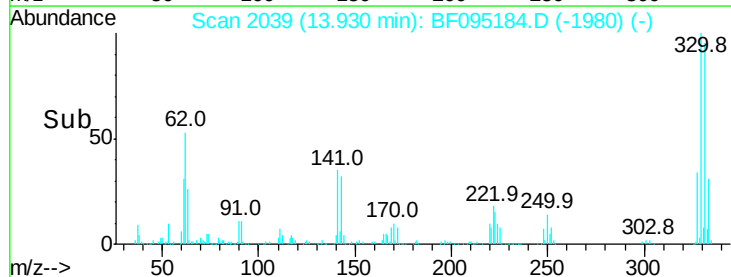
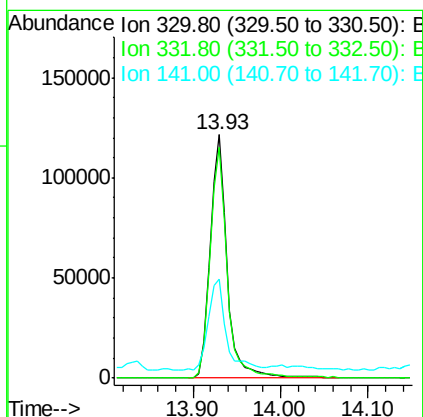
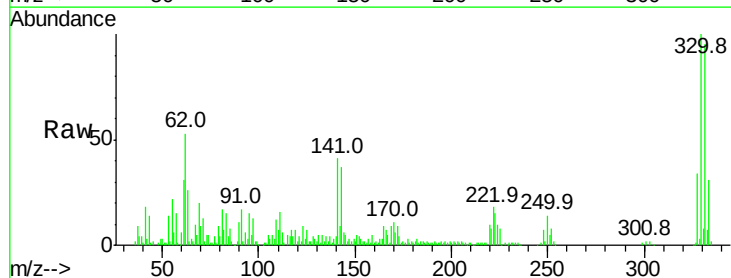
Instrument :
 BNA_F
 ClientSampleId :
 DS-5-6

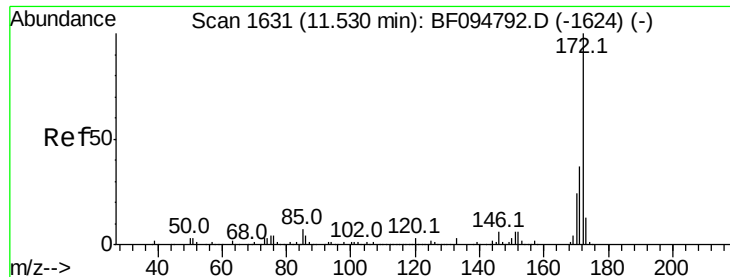
Tot Ion:164 Resp: 142923
 Ion Ratio Lower Upper
 164 100
 162 100.1 82.6 123.8
 160 43.8 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 140.29 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095184.D
 Acq: 17 May 2017 6:42

Tgt Ion:330 Resp: 164207
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 39.8 31.4 47.2

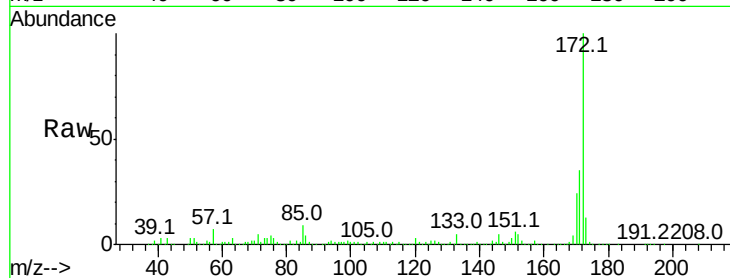




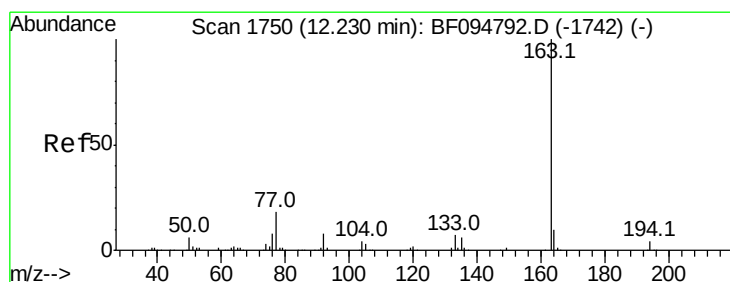
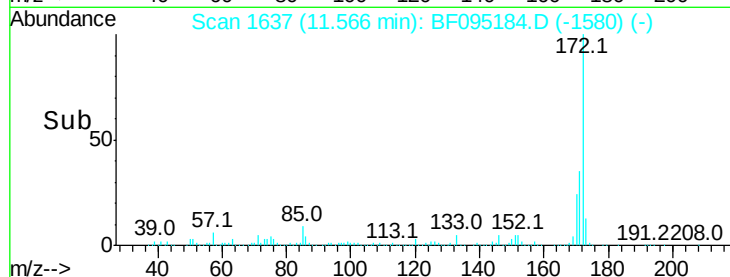
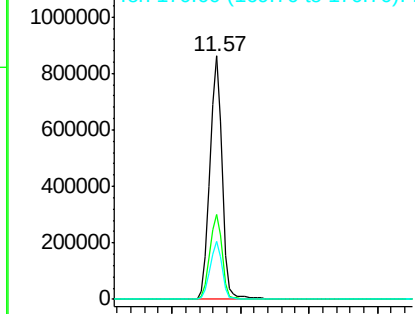
#44
2-Fluorobiphenyl
Concen: 108.96 ng
RT: 11.57 min Scan# 1637
Delta R.T. 0.04 min
Lab File: BF095184.D
Acq: 17 May 2017 6:42

Instrument :
BNA_F
ClientSampleId :
DS-5-6

Tot Ion:172 Resp: 1081995
Ion Ratio Lower Upper
172 100
171 35.0 29.6 44.4
170 23.6 19.8 29.8

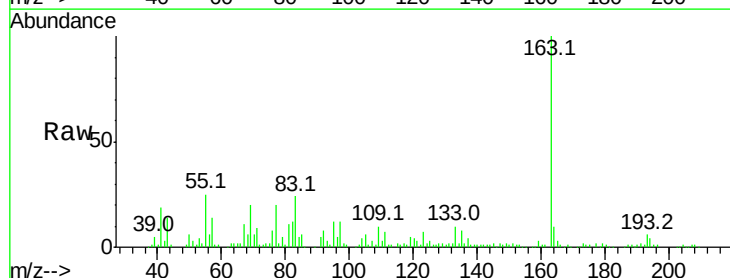


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

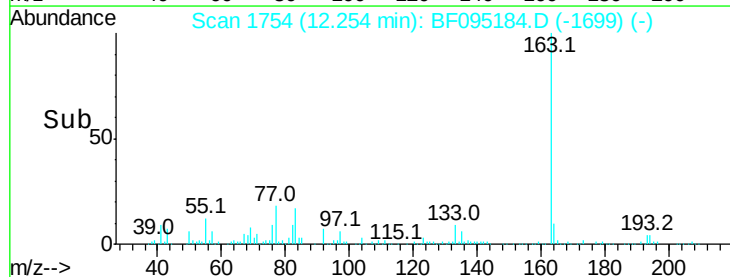
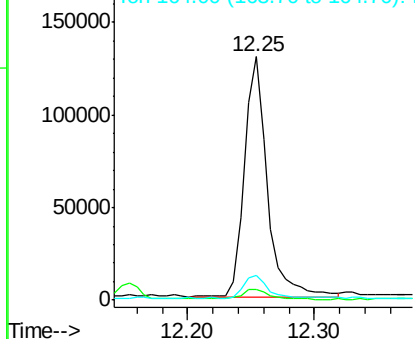


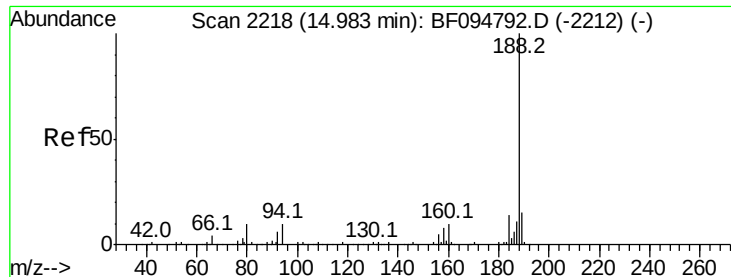
#49
Dimethylphthalate
Concen: 13.76 ng
RT: 12.25 min Scan# 1754
Delta R.T. 0.02 min
Lab File: BF095184.D
Acq: 17 May 2017 6:42

Tgt Ion:163 Resp: 161436
Ion Ratio Lower Upper
163 100
194 4.5 2.6 4.0#
164 10.0 8.4 12.6



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: 15.04 min Scan# 2227

Delta R.T. 0.05 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

DS-5-6

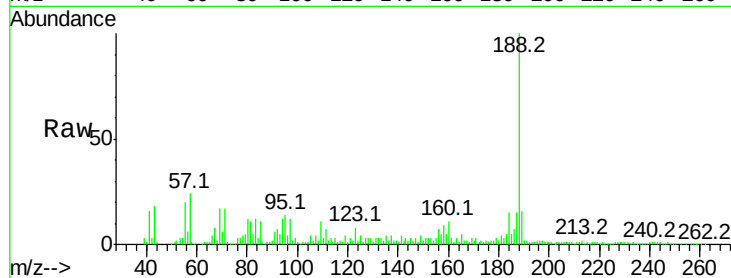
Tot Ion:188 Resp: 200609

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

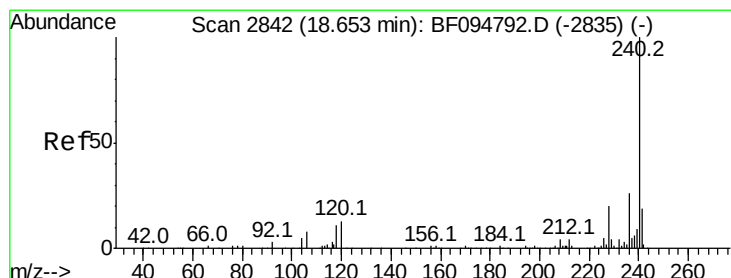
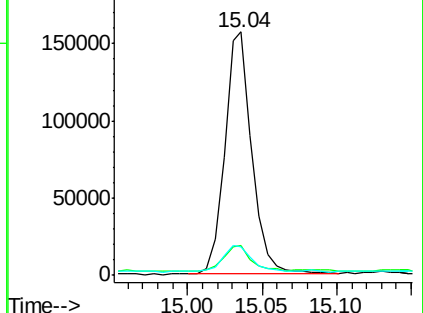
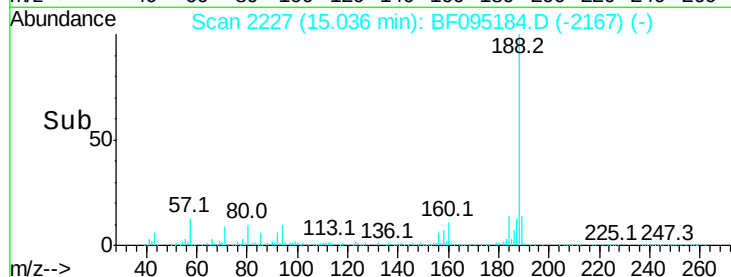
80 11.8 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.69 min Scan# 2849

Delta R.T. 0.04 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

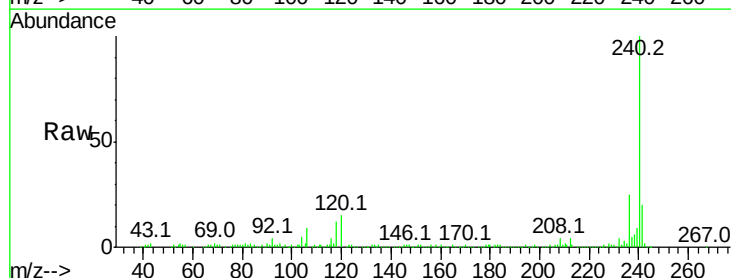
Tgt Ion:240 Resp: 170881

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

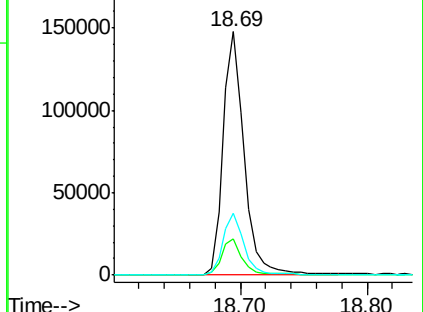
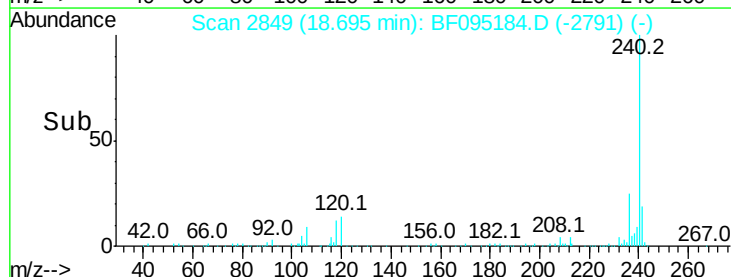
236 25.2 20.5 30.7

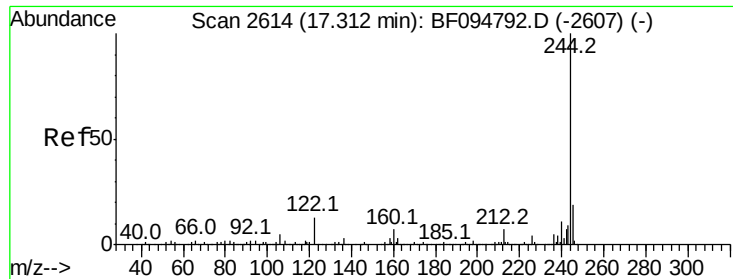


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.64 ng

RT: 17.35 min Scan# 2620

Delta R.T. 0.04 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

Instrument :

BNA_F

ClientSampleId :

DS-5-6

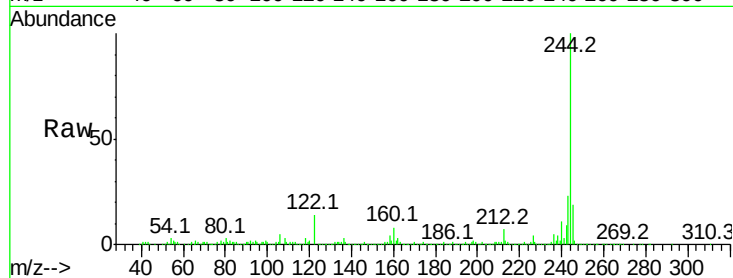
Tot Ion:244 Resp: 695456

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

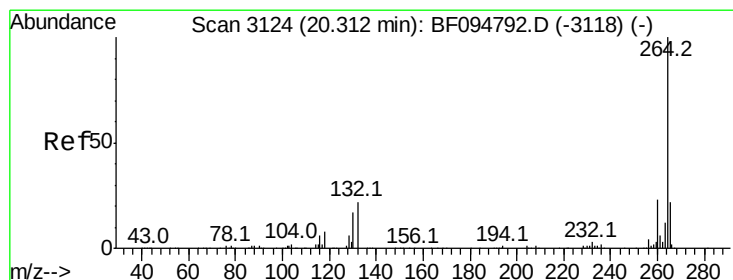
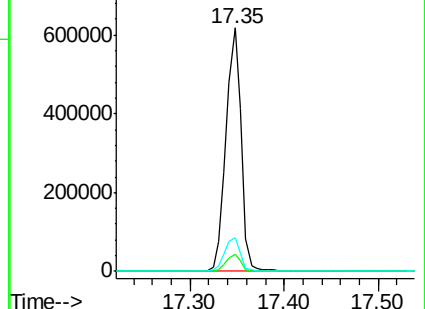
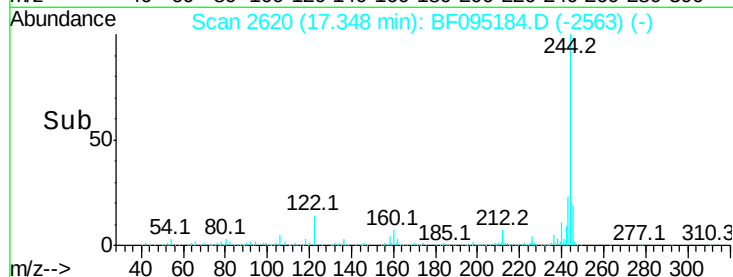
122 13.7 10.3 15.5



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

Perylene-d12

Concen: 20.00 ng

RT: 20.37 min Scan# 3134

Delta R.T. 0.06 min

Lab File: BF095184.D

Acq: 17 May 2017 6:42

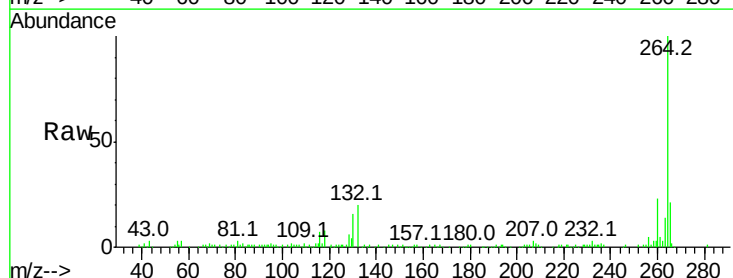
Tgt Ion:264 Resp: 121736

Ion Ratio Lower Upper

264 100

260 23.0 19.5 29.3

265 21.3 17.2 25.8



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

