

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051817\
 Data File : BF095235.D
 Acq On : 18 May 2017 22:03
 Operator : SJ/MA
 Sample : I3182-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 01:06:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

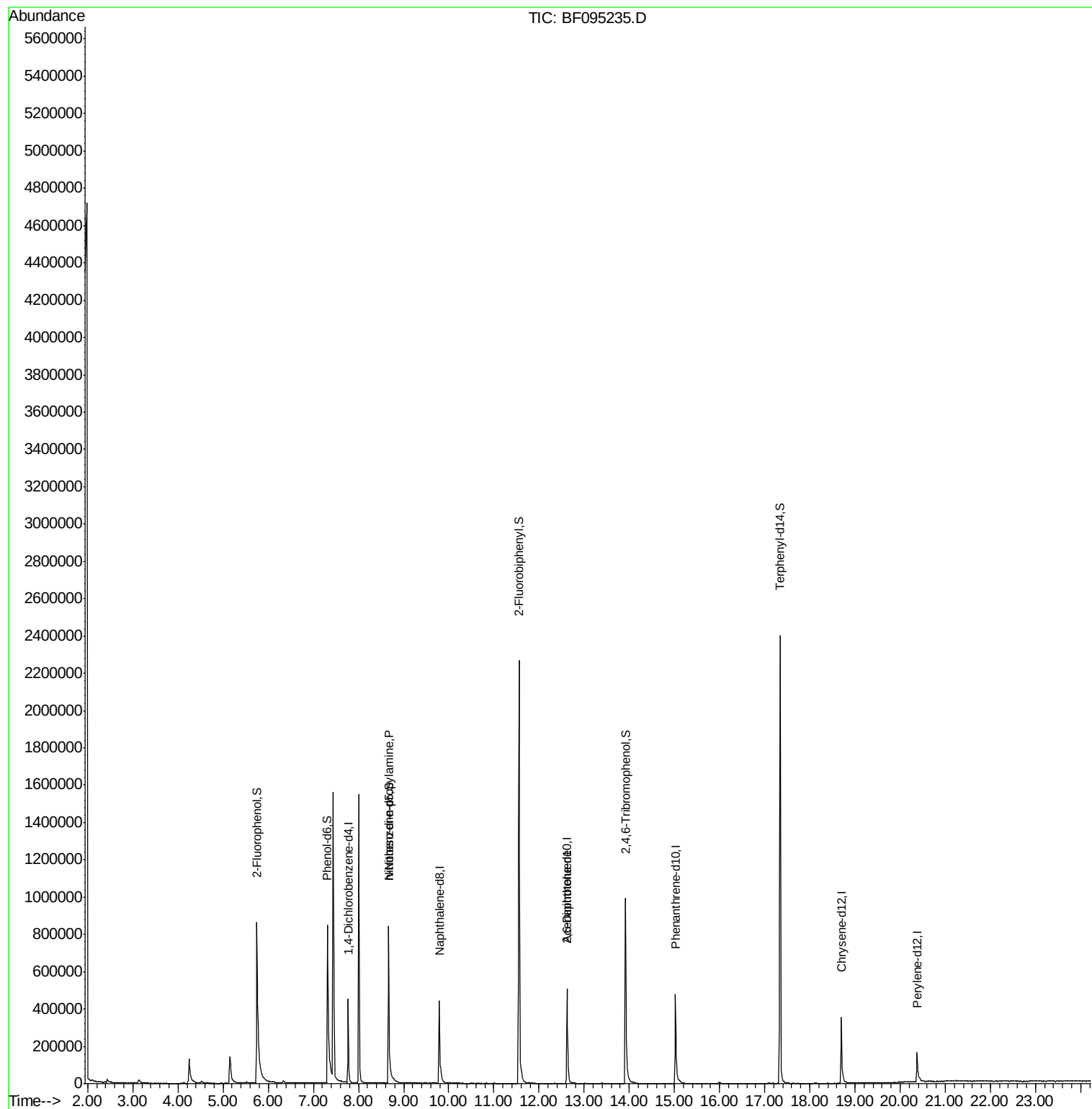
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	98949	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	423466	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	194504	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	325773	20.00	ng	0.00
75) Chrysene-d12	18.69	240	228787	20.00	ng	0.00
86) Perylene-d12	20.38	264	104564	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	676361	113.96	ng	0.01
7) Phenol-d6	7.31	99	719676	101.06	ng	0.00
23) Nitrobenzene-d5	8.67	82	518420	77.20	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	223604	140.37	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1162689	86.04	ng	0.00
78) Terphenyl-d14	17.34	244	1070798	103.09	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	61171	12.70	ng	# 75
50) 2,6-Dinitrotoluene	12.62	165	19906	6.11	ng	# 31

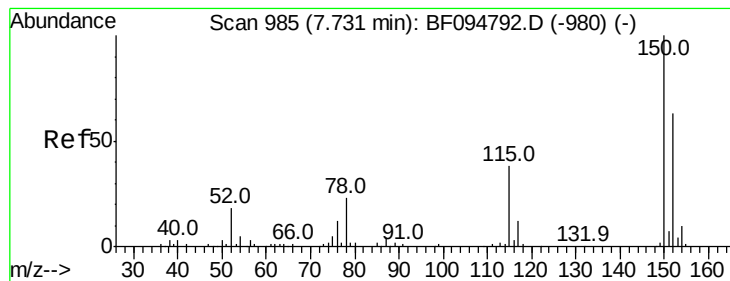
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 18 17:07:53 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Instrument :

BNA_F

ClientSampleId :

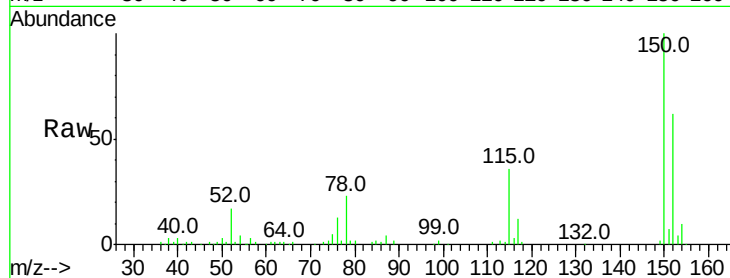
Tot Ion:152 Resp: 98949

Ion Ratio Lower Upper

152 100

150 161.8 126.2 189.2

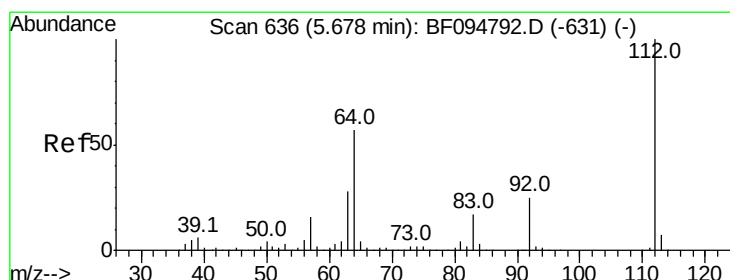
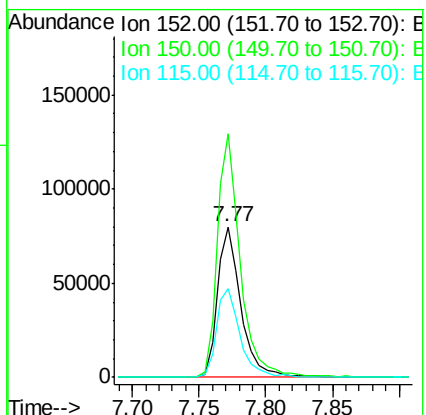
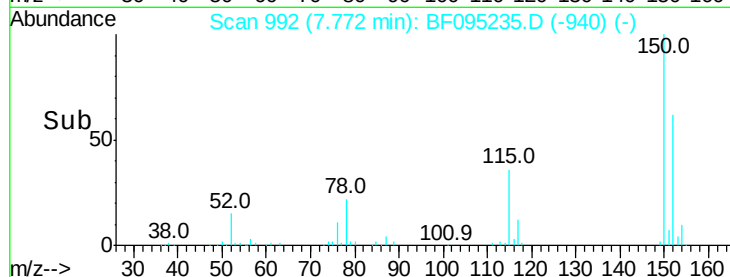
115 59.0 52.2 78.2



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: 113.96 ng

RT: 5.75 min Scan# 648

Delta R.T. 0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

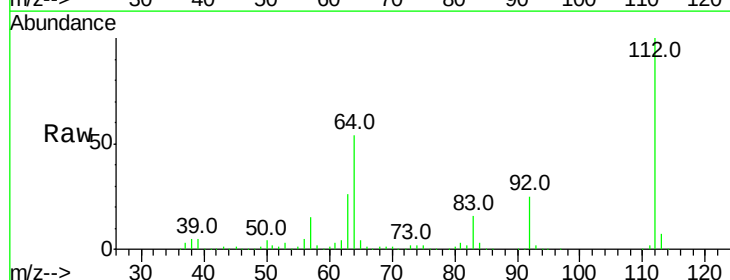
Tgt Ion:112 Resp: 676361

Ion Ratio Lower Upper

112 100

64 54.0 46.0 69.0

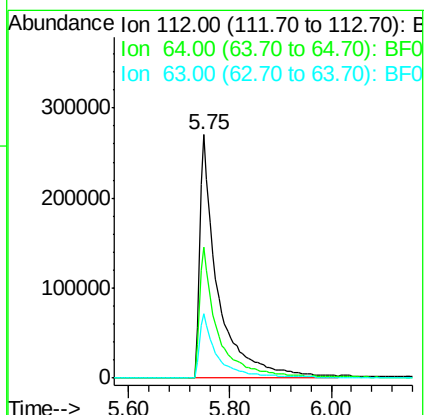
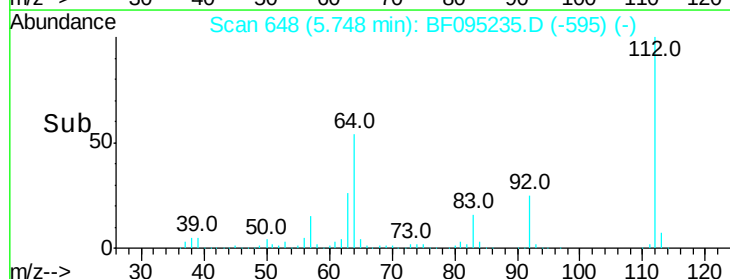
63 26.3 23.4 35.0

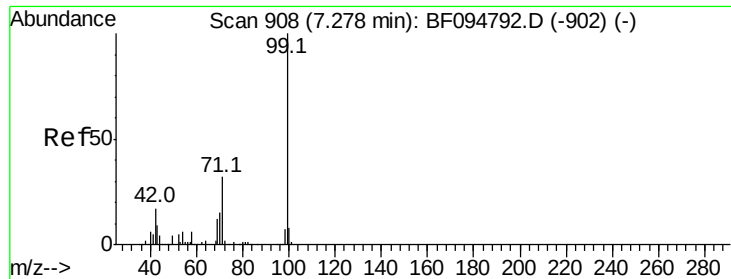


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.06 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Instrument :

BNA_F

ClientSampleId :

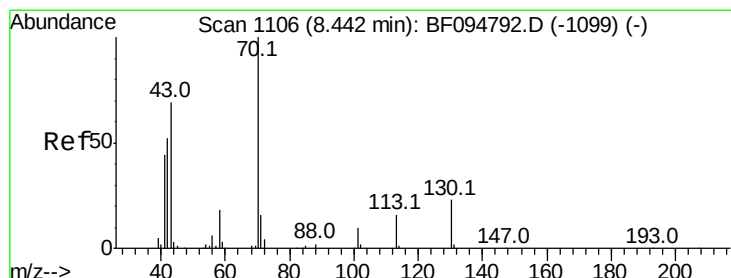
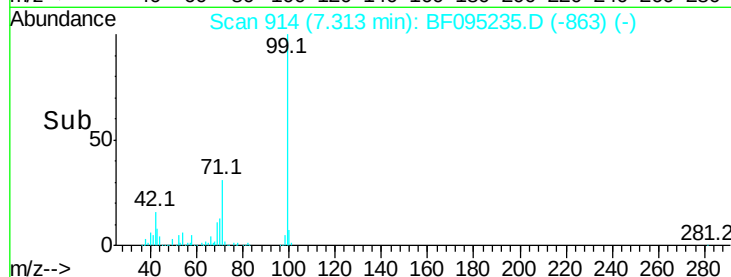
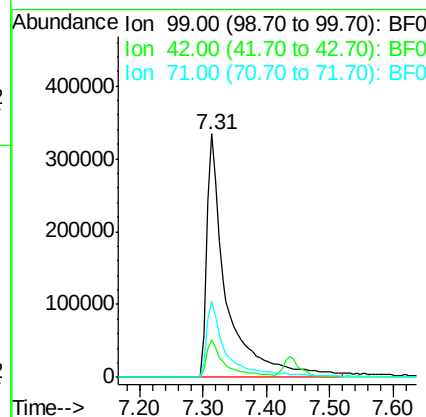
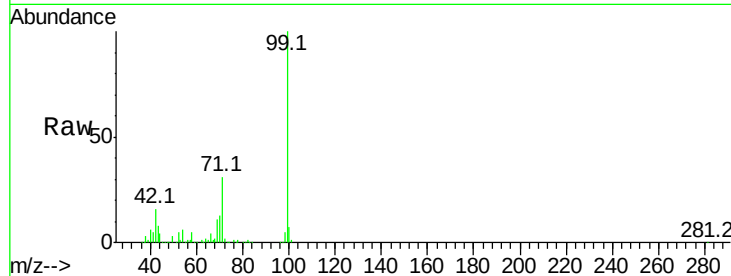
Tot Ion: 99 Resp: 719676

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

71 31.4 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 12.70 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Tgt Ion: 70 Resp: 61171

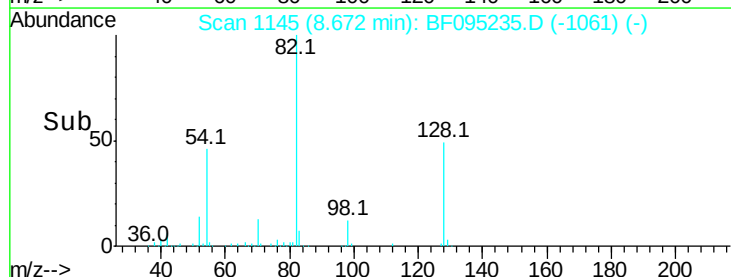
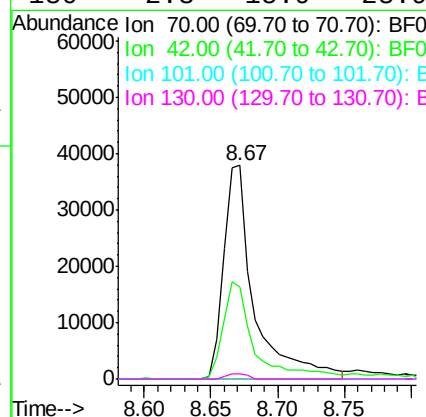
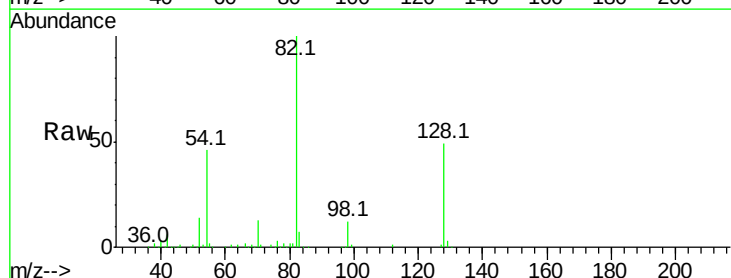
Ion Ratio Lower Upper

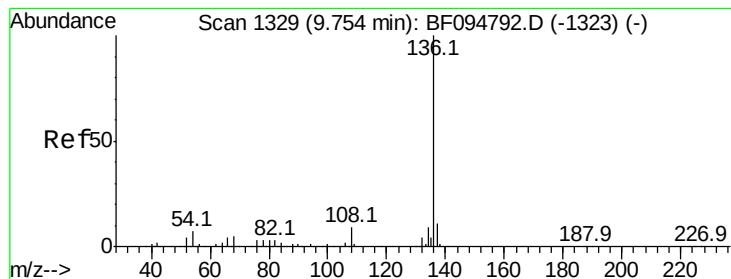
70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.3 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 423466

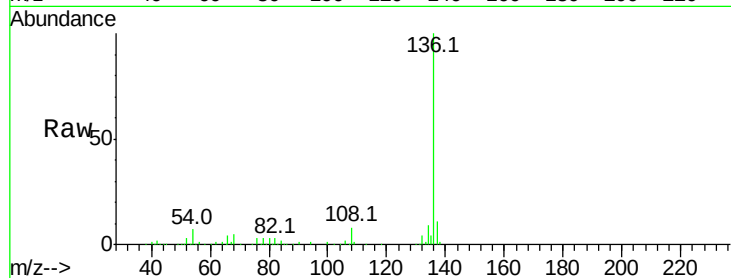
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

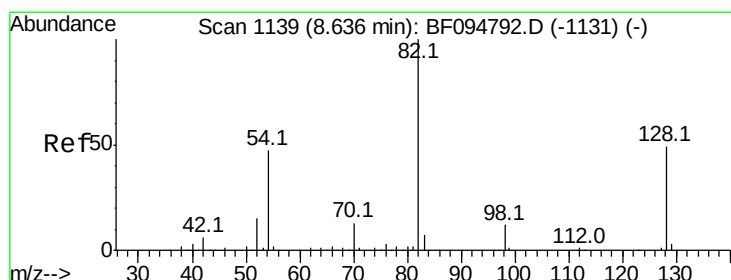
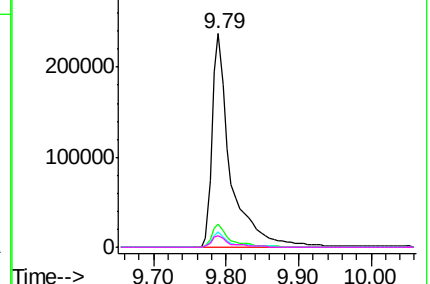
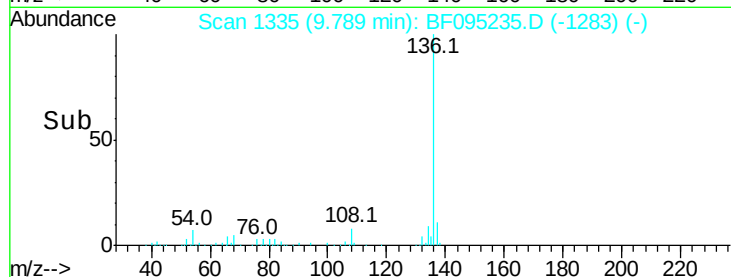


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.20 ng

RT: 8.67 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

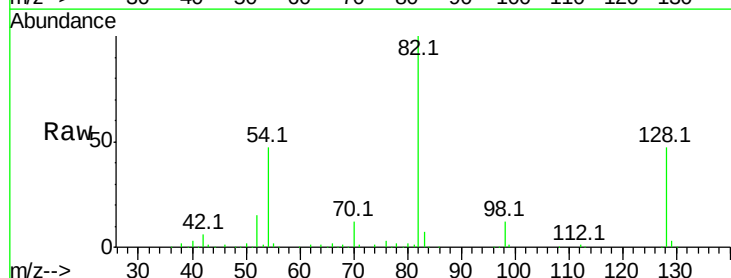
Tgt Ion: 82 Resp: 518420

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

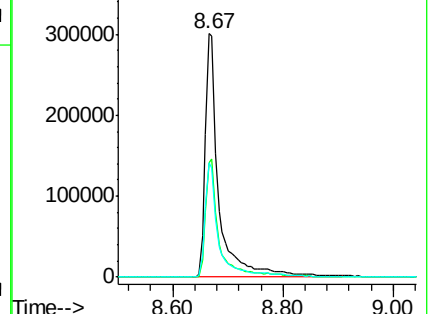
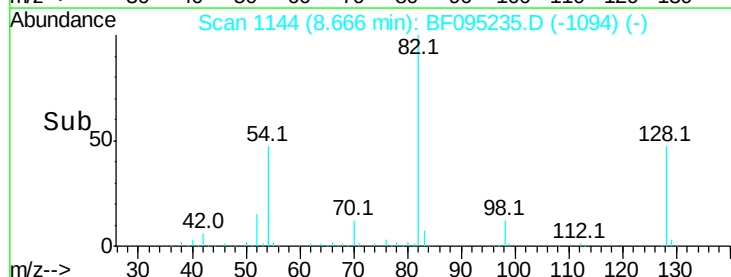
54 47.2 42.2 63.2

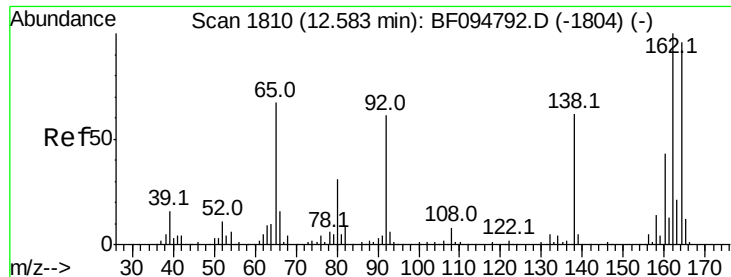


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1816

Delta R.T. 0.00 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Instrument :

BNA_F

ClientSampleId :

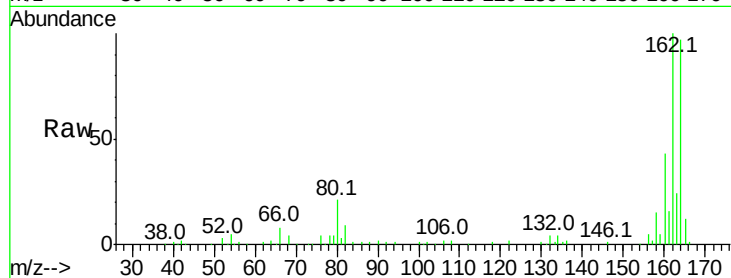
Tot Ion:164 Resp: 194504

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

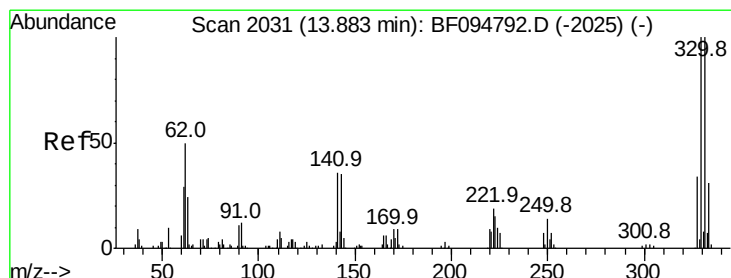
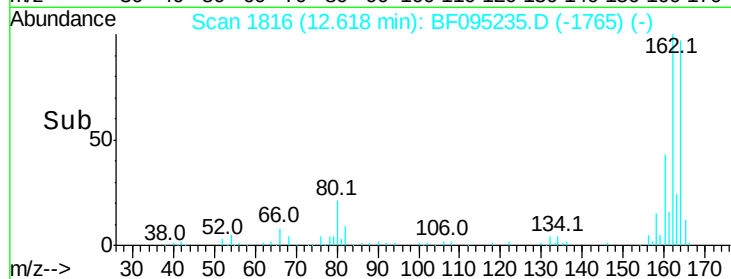
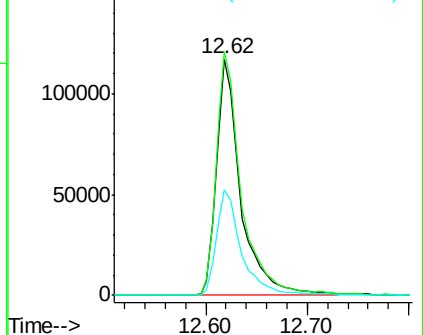
160 44.7 36.2 54.2



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: 140.37 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

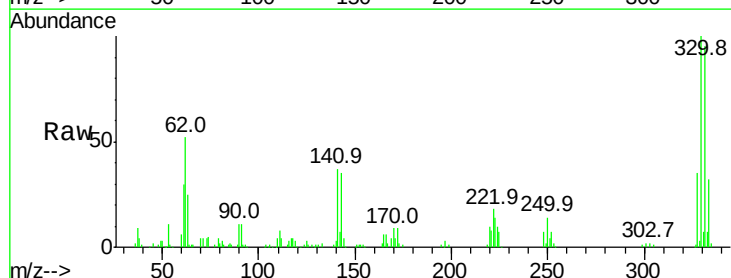
Tgt Ion:330 Resp: 223604

Ion Ratio Lower Upper

330 100

332 95.3 76.6 115.0

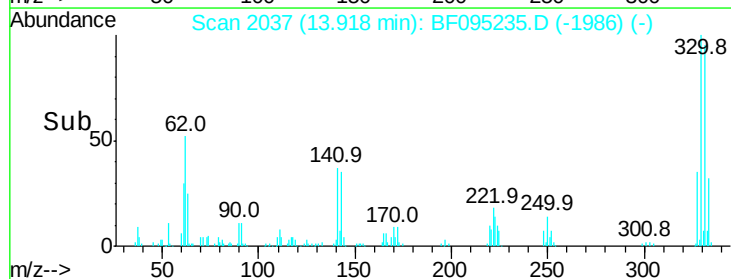
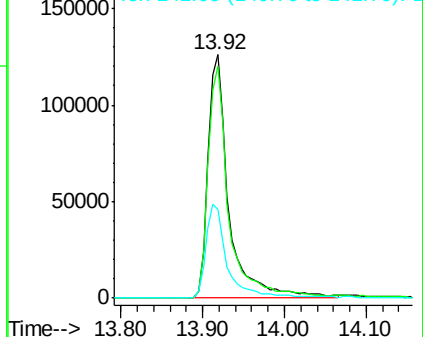
141 39.6 31.4 47.2

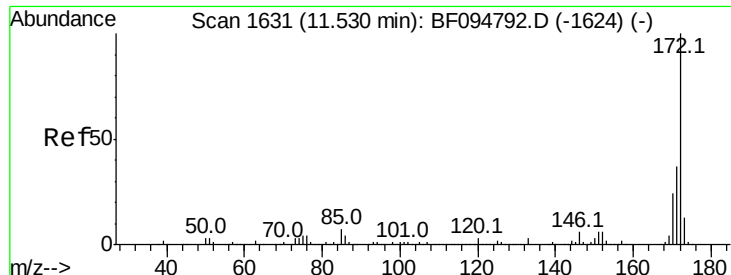


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



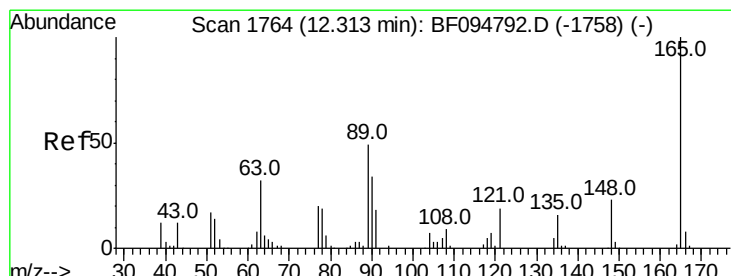
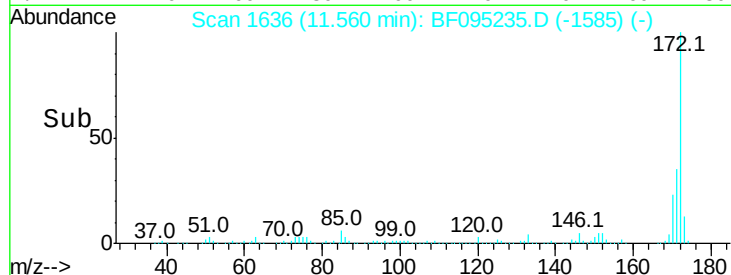
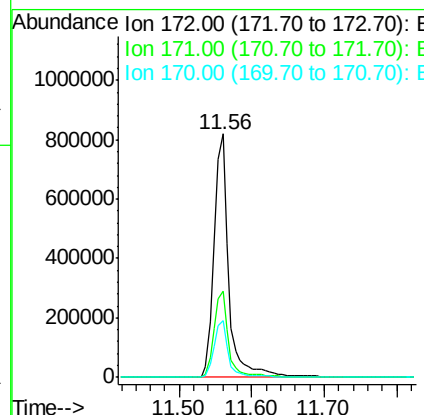
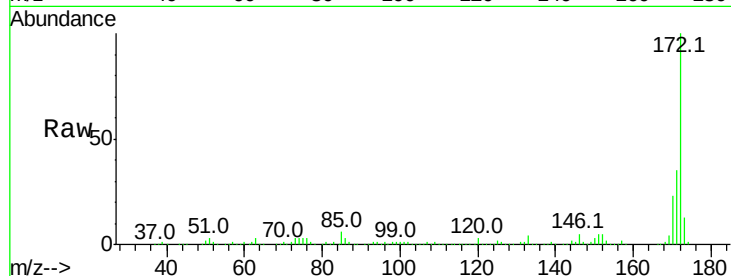


#44
 2-Fluorobiphenyl
 Concen: 86.04 ng
 RT: 11.56 min Scan# 1636
 Delta R.T. 0.00 min
 Lab File: BF095235.D
 Acq: 18 May 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1162689

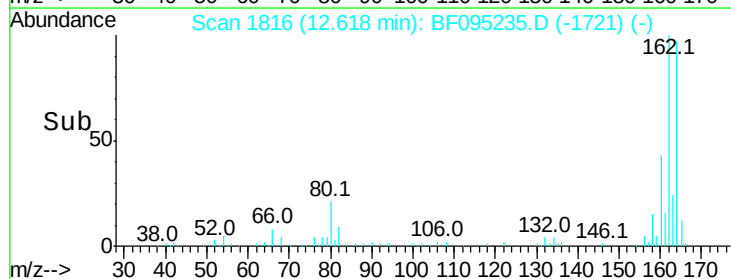
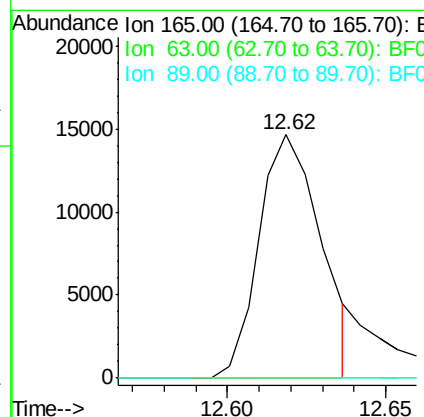
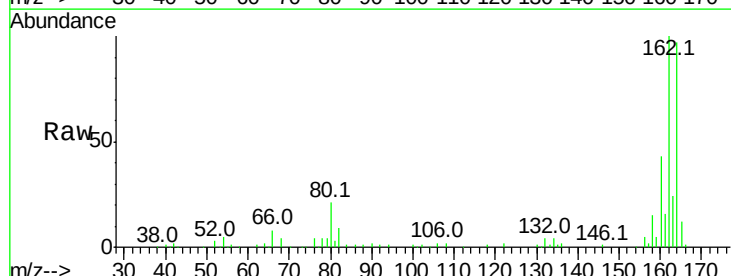
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.1	19.8	29.8

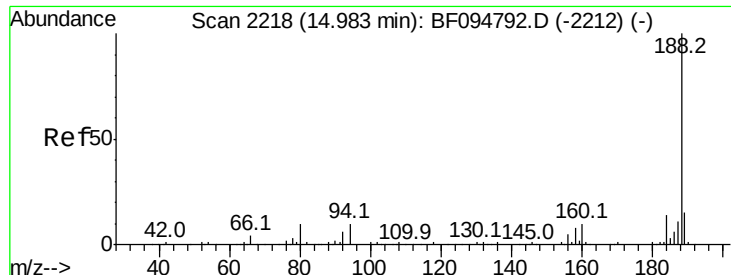


#50
 2,6-Dinitrotoluene
 Concen: 6.11 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095235.D
 Acq: 18 May 2017 22:03

Tgt Ion:165 Resp: 19906

Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#

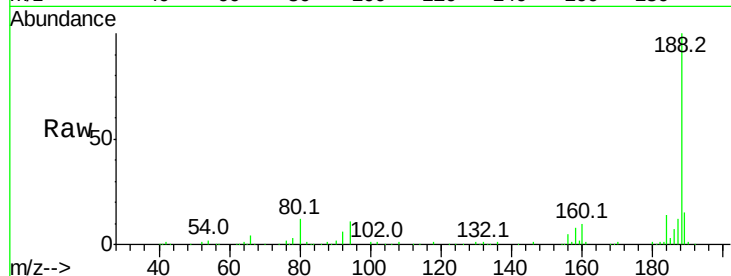




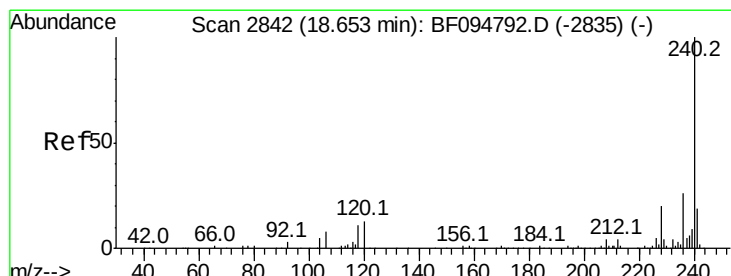
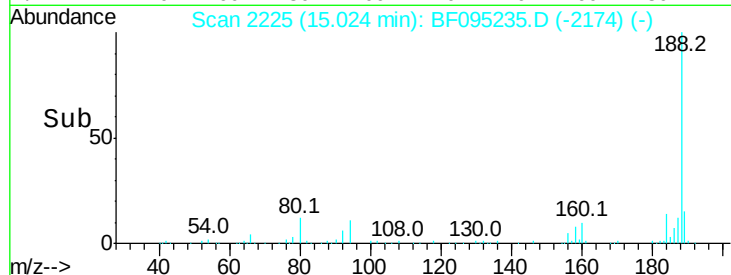
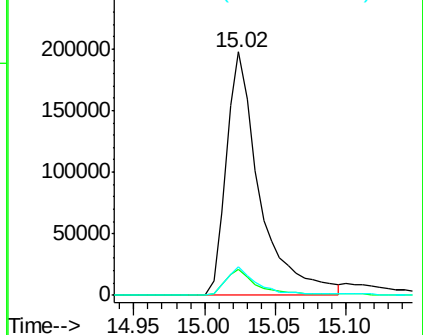
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095235.D
 Acq: 18 May 2017 22:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 325773
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.5 10.2 15.2

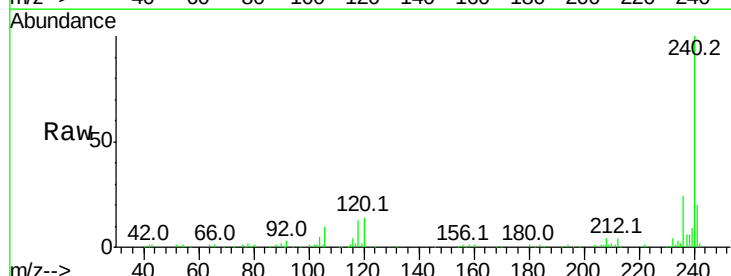


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

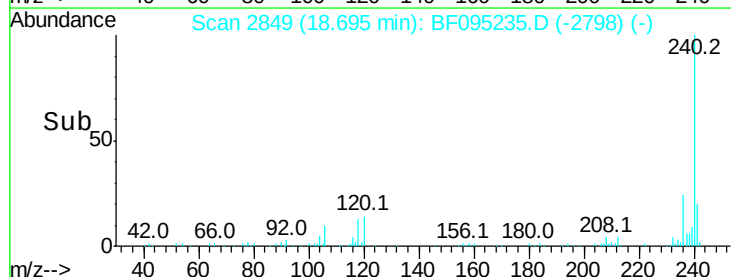
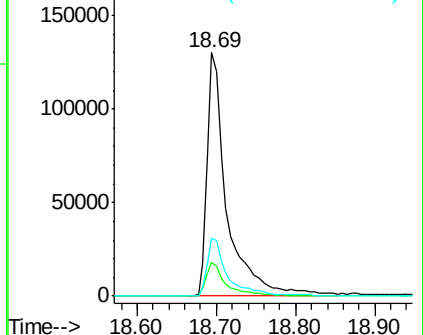


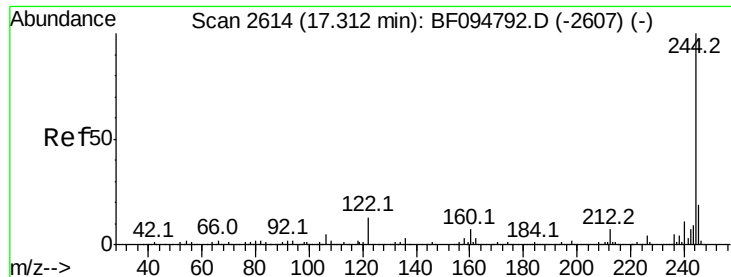
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.00 min
 Lab File: BF095235.D
 Acq: 18 May 2017 22:03

Tgt Ion:240 Resp: 228787
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 24.0 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: 103.09 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

Instrument :

BNA_F

ClientSampled :

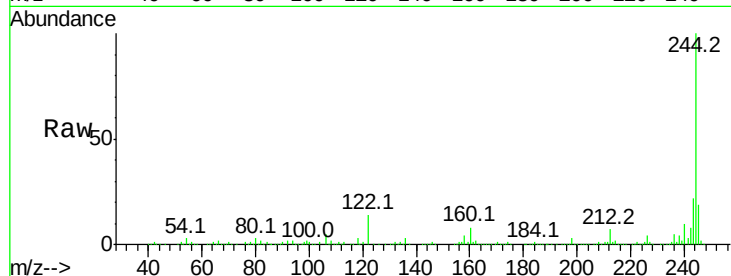
Tot Ion:244 Resp: 1070798

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

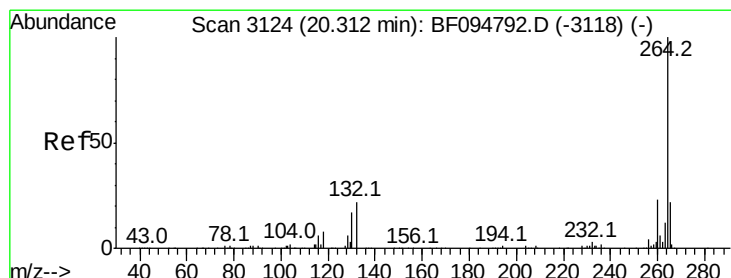
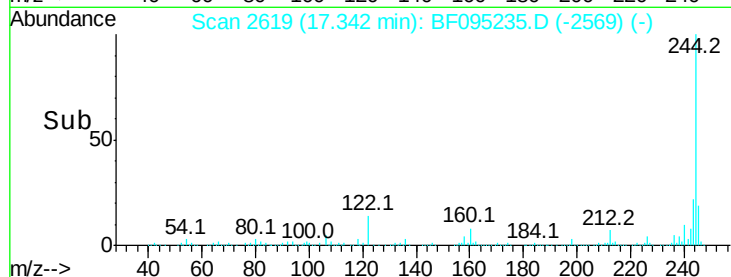
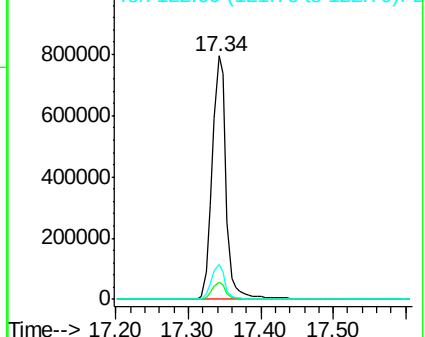
122 14.1 10.3 15.5



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: 20.38 min Scan# 3135

Delta R.T. 0.01 min

Lab File: BF095235.D

Acq: 18 May 2017 22:03

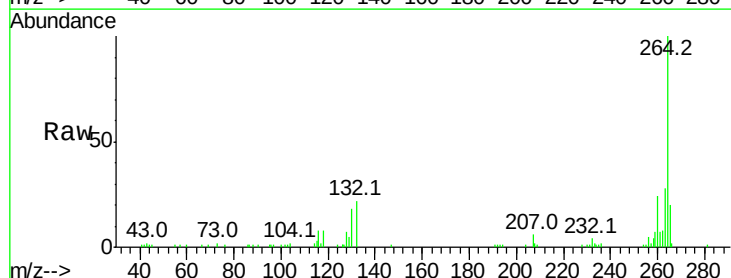
Tgt Ion:264 Resp: 104564

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 19.5 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

