

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095385.D
 Acq On : 24 May 2017 13:04
 Operator : SJ/MA
 Sample : PB99217BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:42:51 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

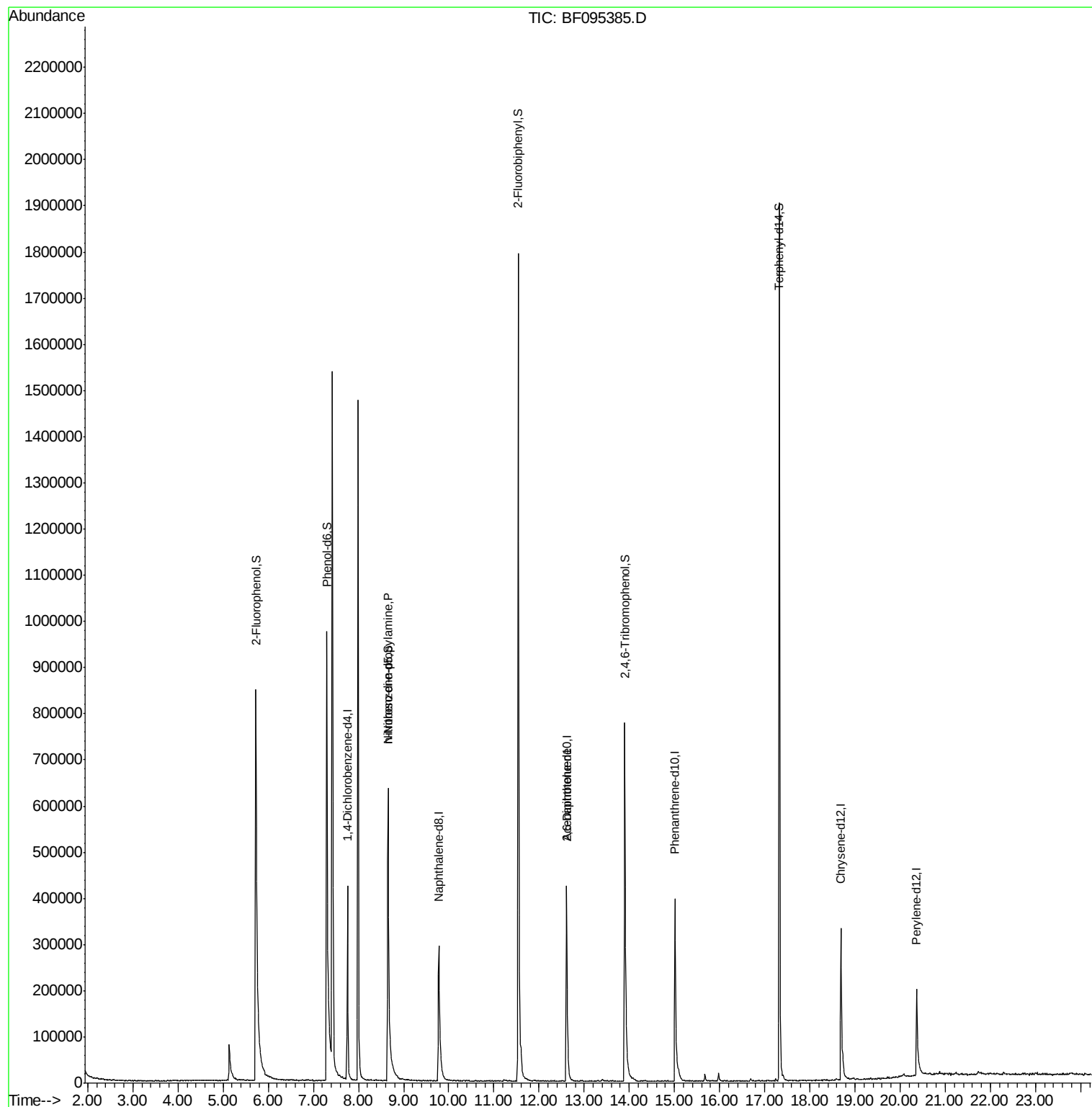
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	94186	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	372309	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	179521	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	323725	20.00	ng	-0.01
75) Chrysene-d12	18.69	240	240976	20.00	ng	0.00
86) Perylene-d12	20.36	264	156544	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	713635	126.32	ng	-0.01
7) Phenol-d6	7.30	99	844541	124.59	ng	-0.02
23) Nitrobenzene-d5	8.65	82	492617	83.44	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	191108	129.99	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	1063575	85.27	ng	-0.02
78) Terphenyl-d14	17.32	244	831043	75.96	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.65	70	54532	11.90	ng	# 80
50) 2,6-Dinitrotoluene	12.61	165	17821	5.93	ng	# 31

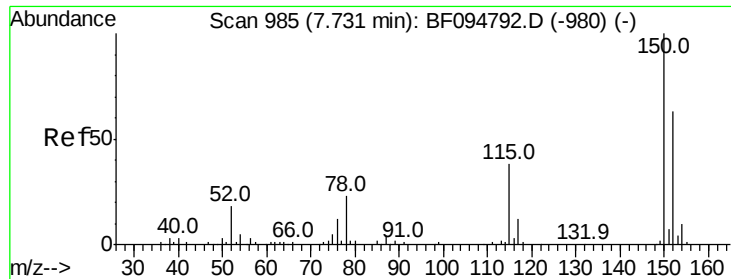
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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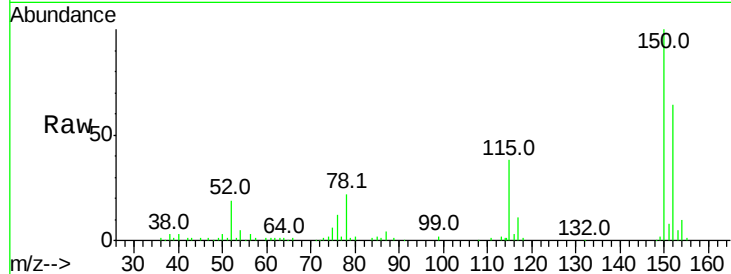


#1

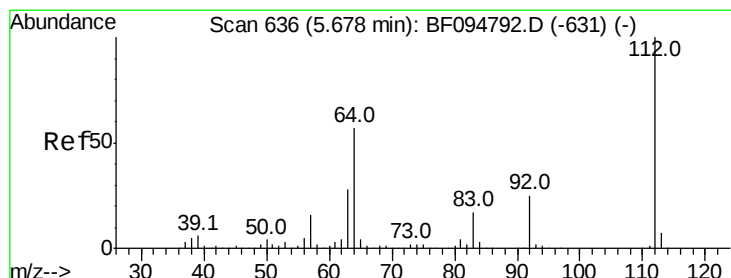
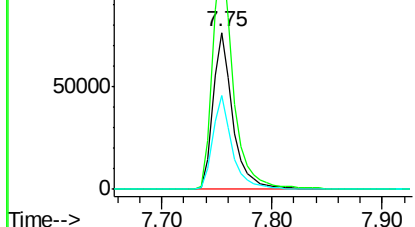
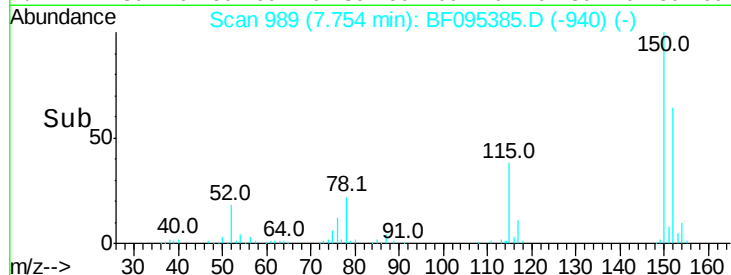
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095385.D
Acq: 24 May 2017 13:04

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 94186
Ion Ratio Lower Upper
152 100
150 155.1 126.2 189.2
115 59.7 52.2 78.2



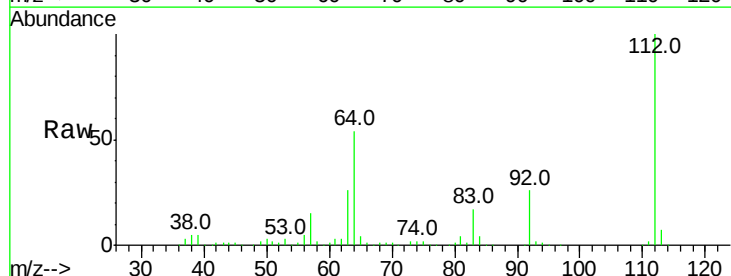
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



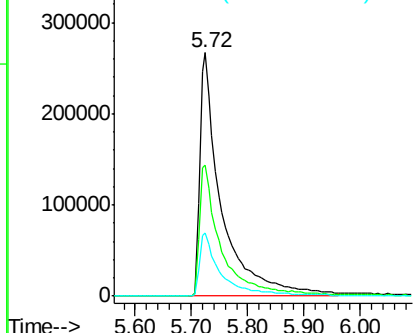
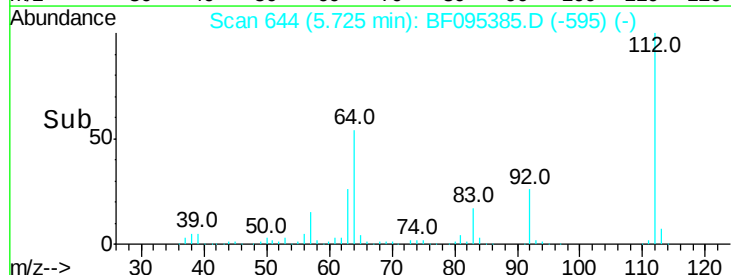
#5

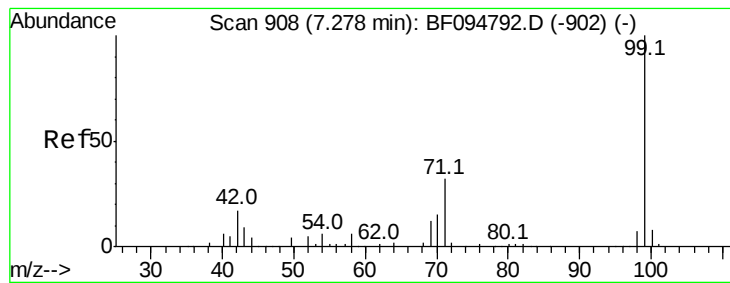
2-Fluorophenol
Concen: 126.32 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095385.D
Acq: 24 May 2017 13:04

Tgt Ion:112 Resp: 713635
Ion Ratio Lower Upper
112 100
64 53.8 46.0 69.0
63 25.9 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: 124.59 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

Instrument :

BNA_F

ClientSampled :

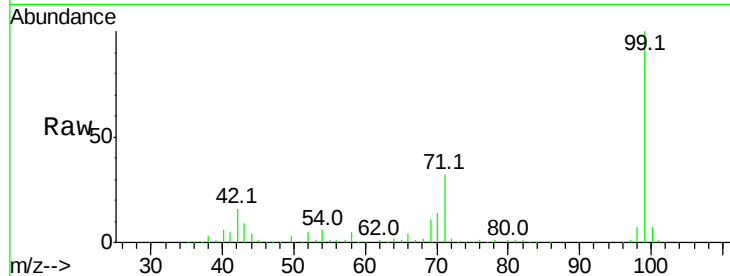
Tot Ion: 99 Resp: 844541

Ion Ratio Lower Upper

99 100

42 15.9 13.5 20.3

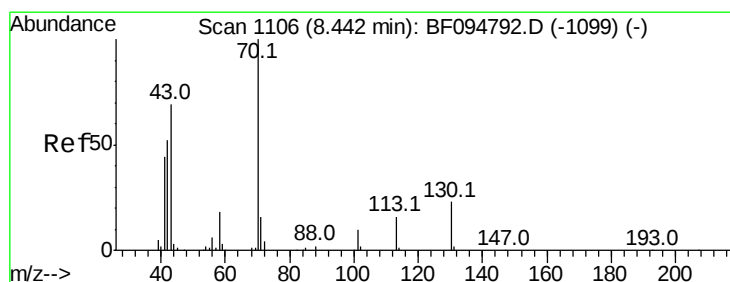
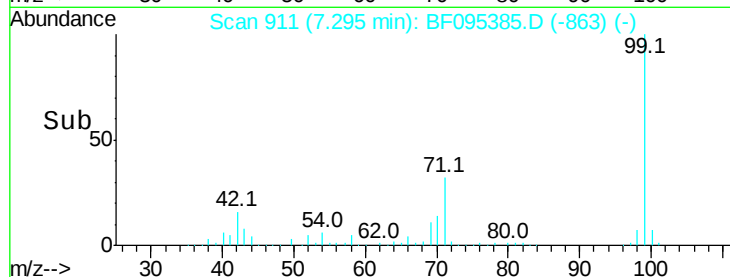
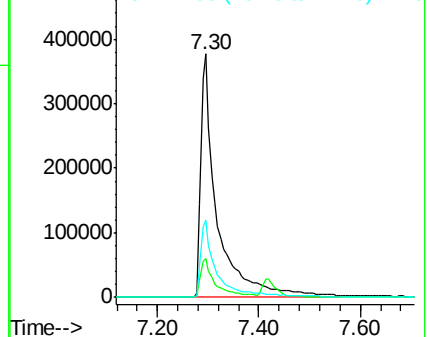
71 31.8 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.90 ng

RT: 8.65 min Scan# 1142

Delta R.T. 0.18 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

Tgt Ion: 70 Resp: 54532

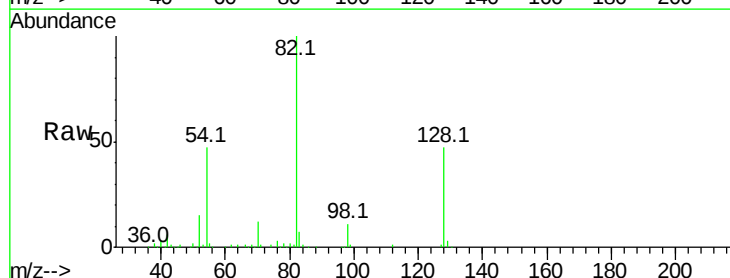
Ion Ratio Lower Upper

70 100

42 48.7 47.2 70.8

101 0.0 7.2 10.8#

130 3.4 15.9 23.9#

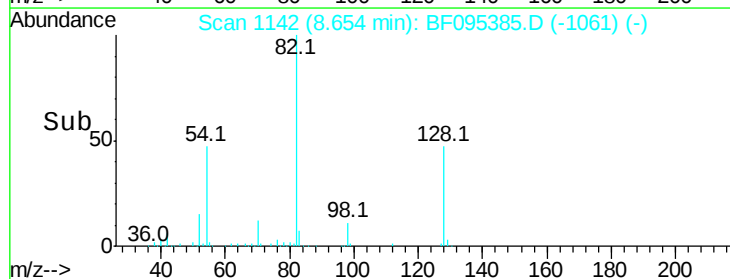
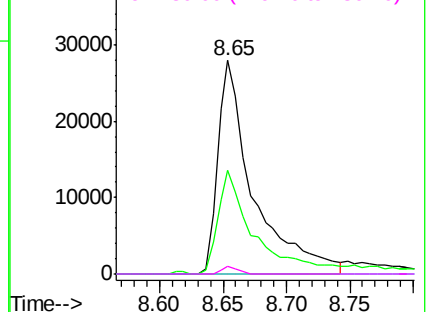


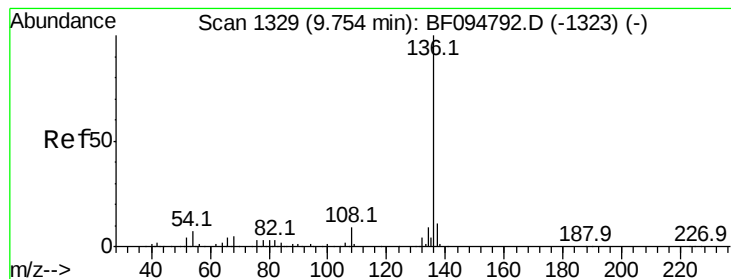
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 372309

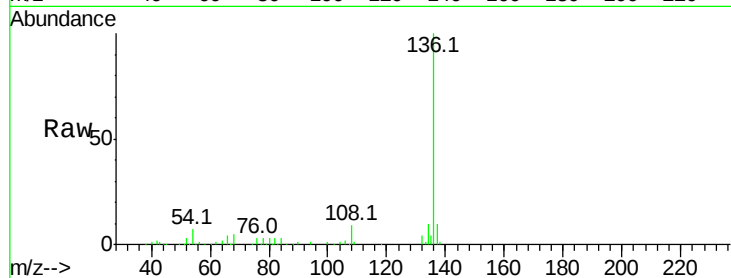
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 6.8 4.9 7.3

68 5.2 4.1 6.1

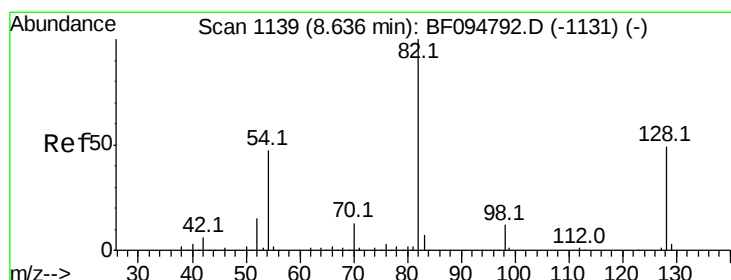
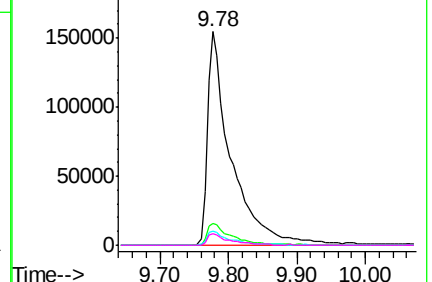
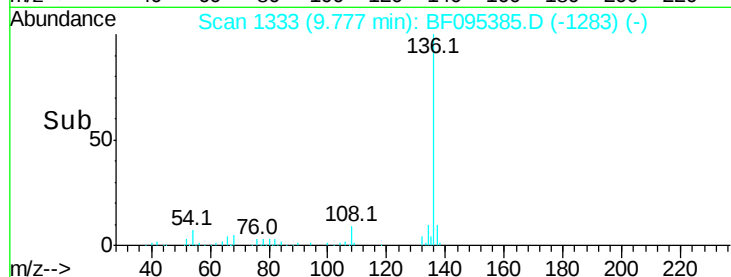


Abundance Ion 136.00 (135.70 to 136.70): E

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: 83.44 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.02 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

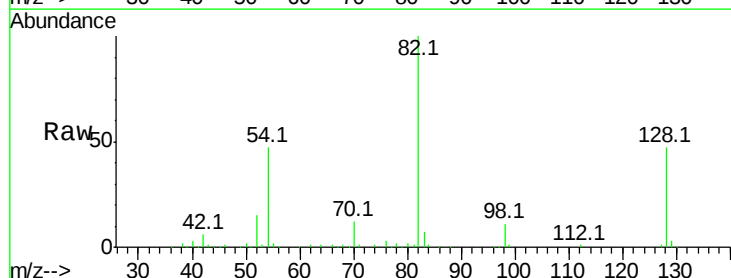
Tgt Ion: 82 Resp: 492617

Ion Ratio Lower Upper

82 100

128 46.5 34.0 51.0

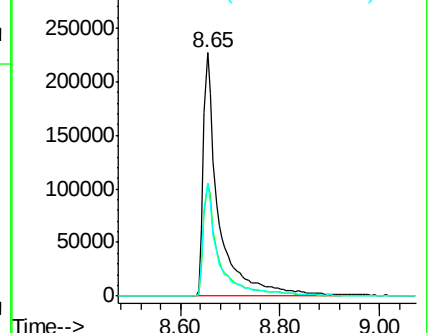
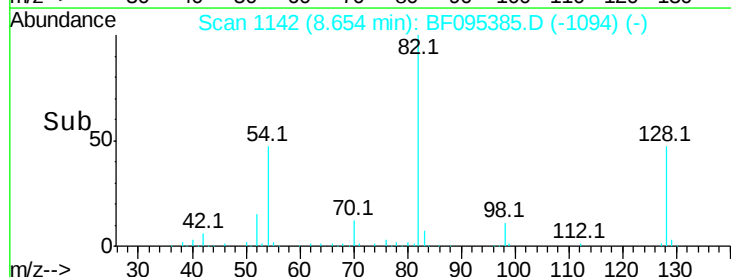
54 46.5 42.2 63.2

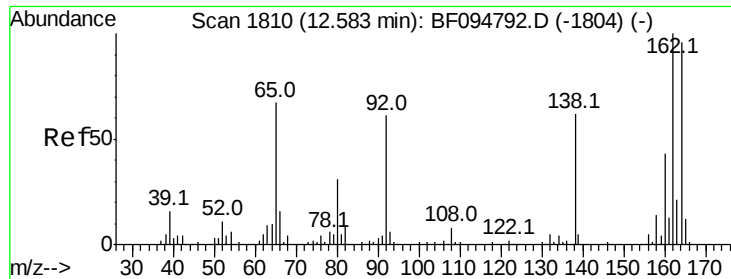


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

Instrument :

BNA_F

ClientSampleId :

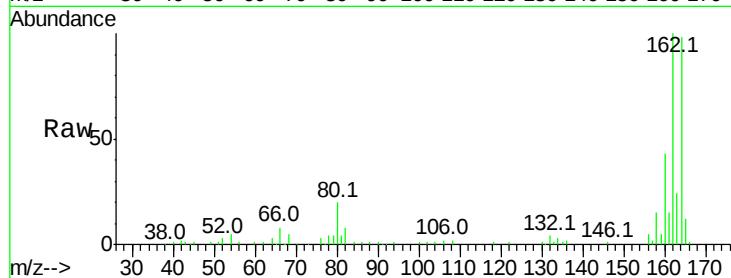
Tot Ion:164 Resp: 179521

Ion Ratio Lower Upper

164 100

162 101.7 82.6 123.8

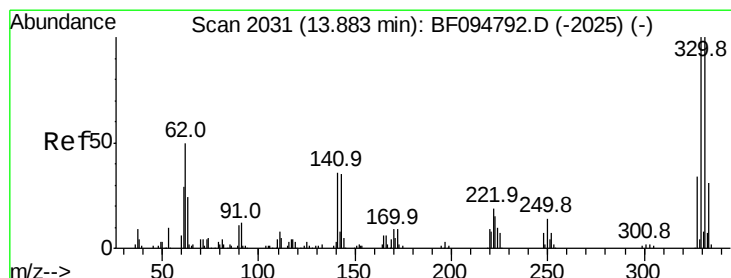
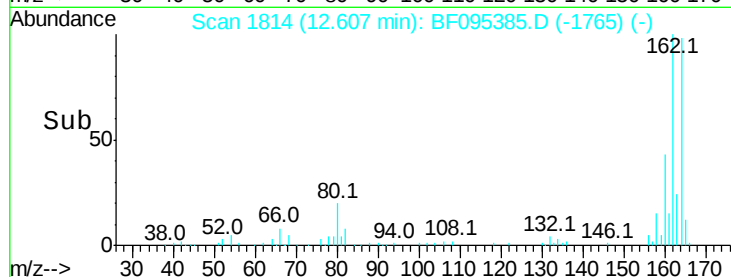
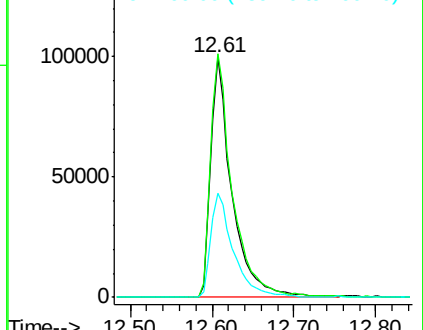
160 43.4 36.2 54.2



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: 129.99 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095385.D

Acq: 24 May 2017 13:04

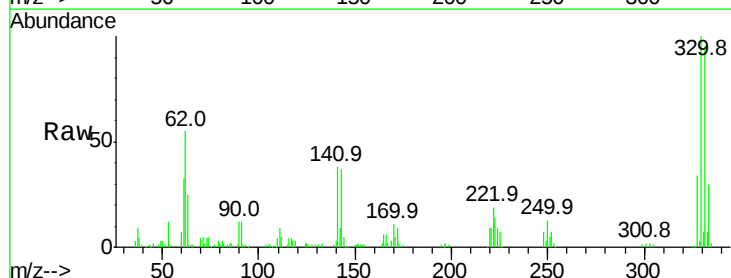
Tgt Ion:330 Resp: 191108

Ion Ratio Lower Upper

330 100

332 93.9 76.6 115.0

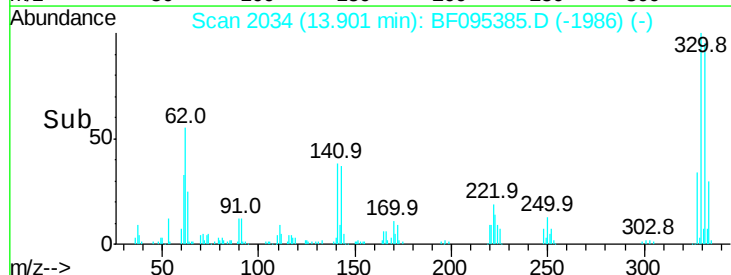
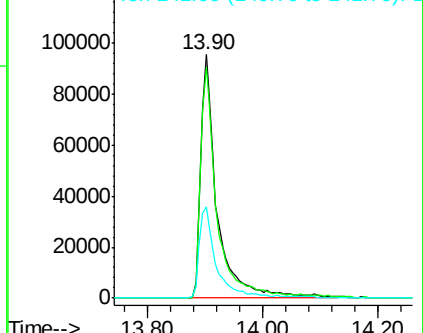
141 38.2 31.4 47.2

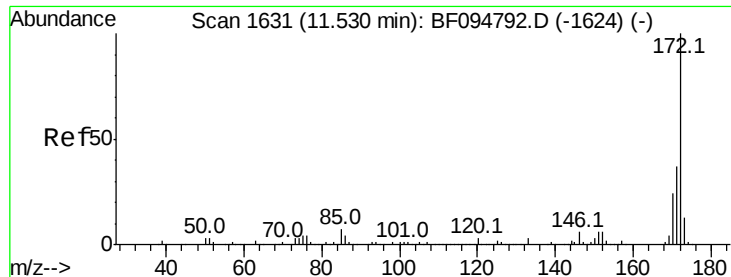


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

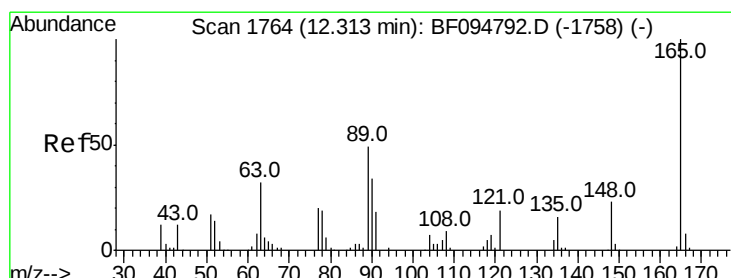
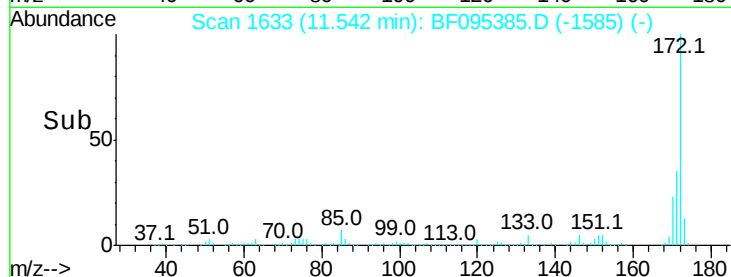
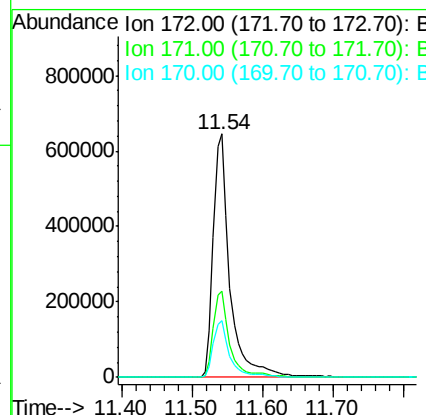
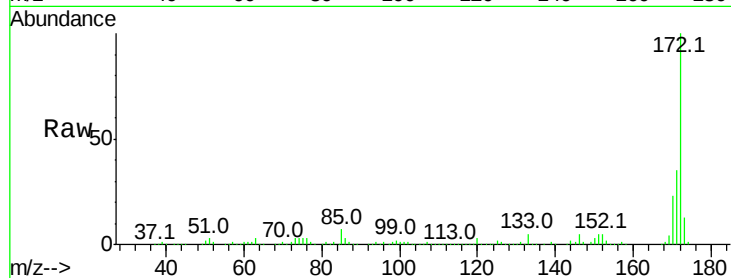




#44
 2-Fluorobiphenyl
 Concen: 85.27 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

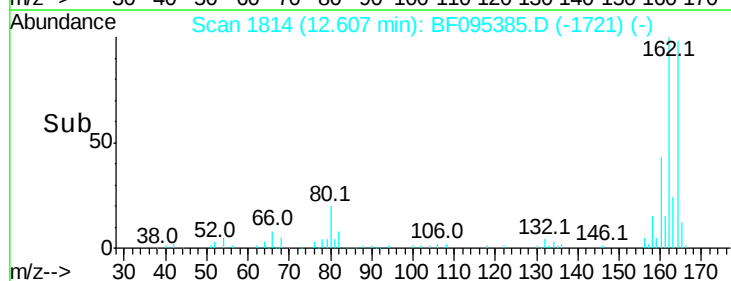
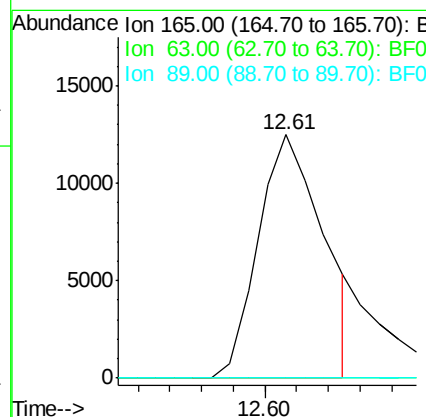
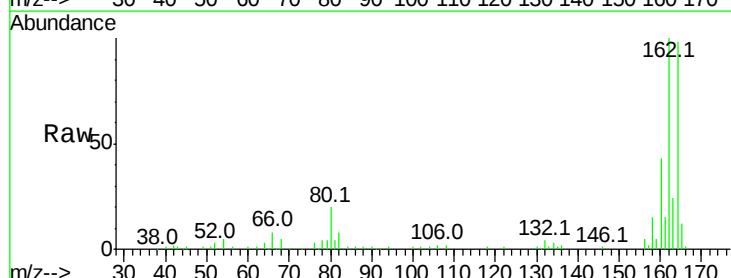
Instrument :
 BNA_F
 ClientSampleId :

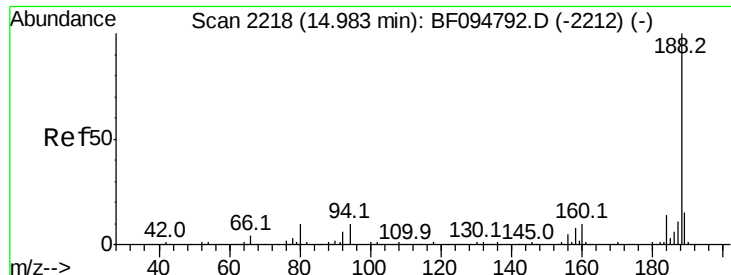
Tot Ion:172 Resp: 1063575
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.4 19.8 29.8



#50
 2,6-Dinitrotoluene
 Concen: 5.93 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. 0.25 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

Tgt Ion:165 Resp: 17821
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 0.0 37.1 55.7#

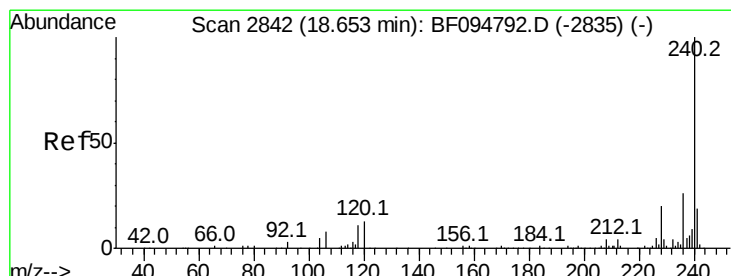
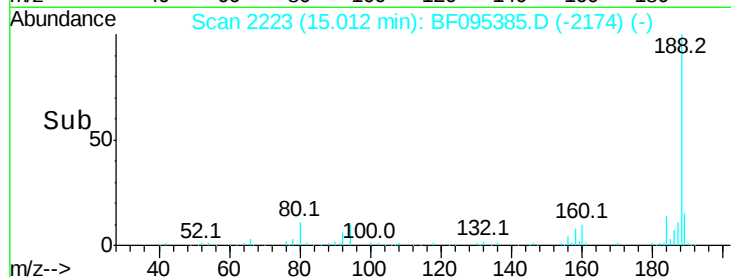
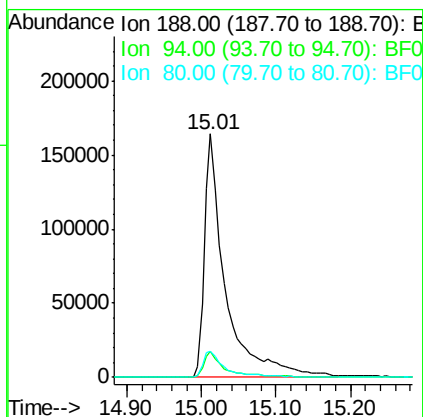
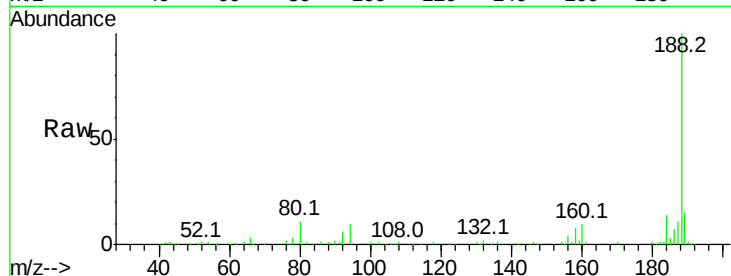




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

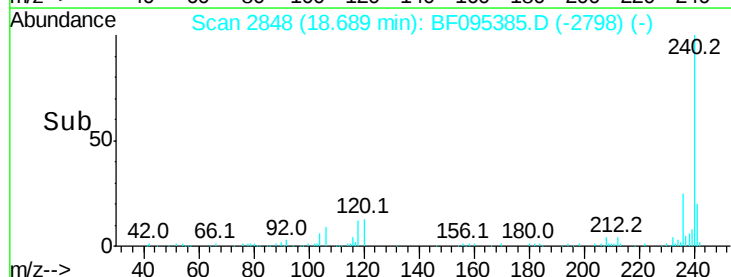
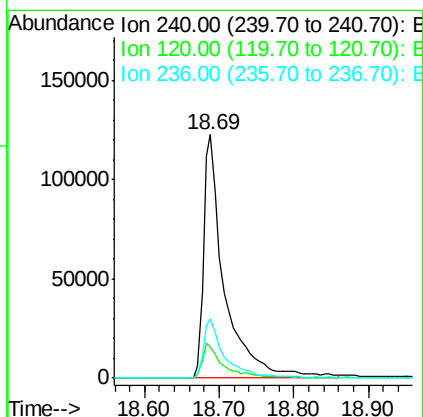
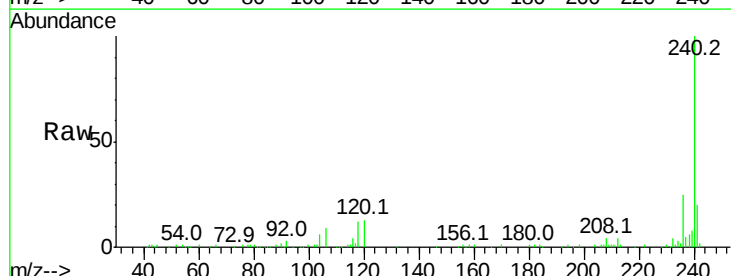
Instrument :
 BNA_F
 ClientSampleId :

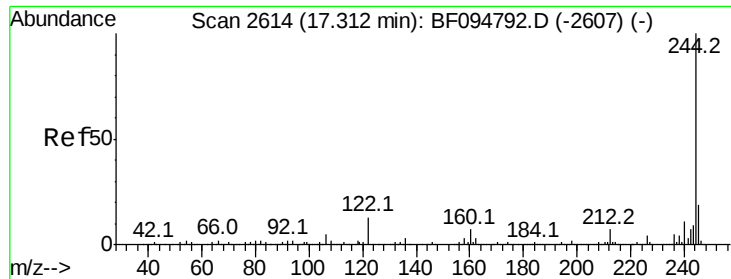
Tot Ion:188 Resp: 323725
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.5 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2848
 Delta R.T. -0.01 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

Tgt Ion:240 Resp: 240976
 Ion Ratio Lower Upper
 240 100
 120 13.0 5.8 8.8#
 236 24.5 20.5 30.7

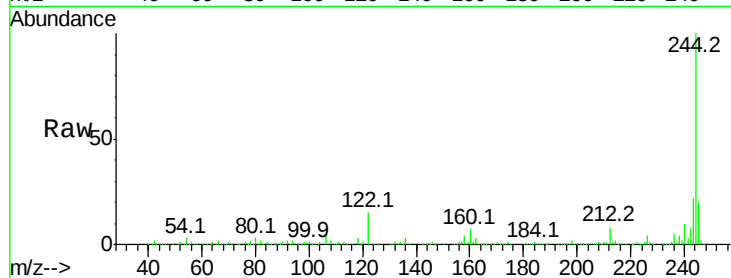




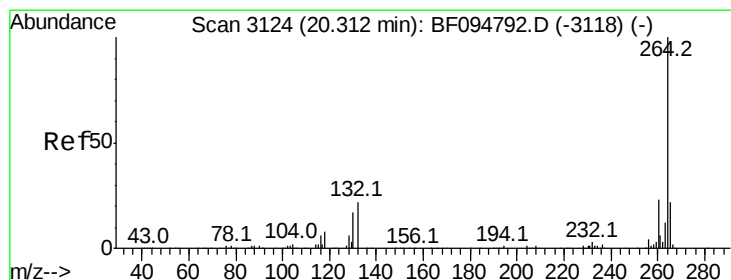
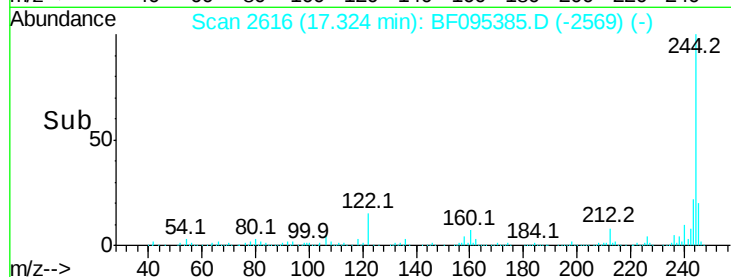
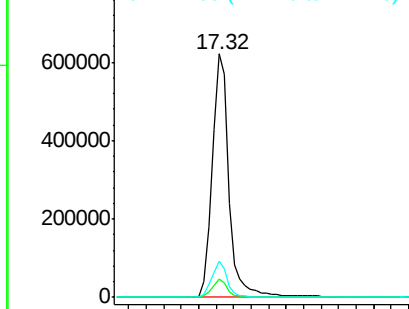
#78
 Terphenyl-d14
 Concen: 75.96 ng
 RT: 17.32 min Scan# 2616
 Delta R.T. -0.02 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 831043
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 14.8 10.3 15.5

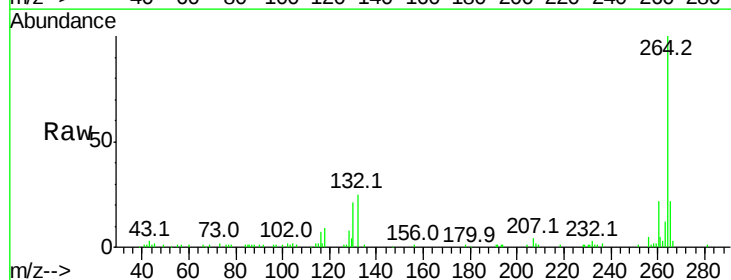


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3133
 Delta R.T. -0.00 min
 Lab File: BF095385.D
 Acq: 24 May 2017 13:04

Tgt Ion:264 Resp: 156544
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 22.3 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

