

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095709.D
 Acq On : 6 Jun 2017 15:08
 Operator : SJ/MA
 Sample : I3444-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 06 16:30:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

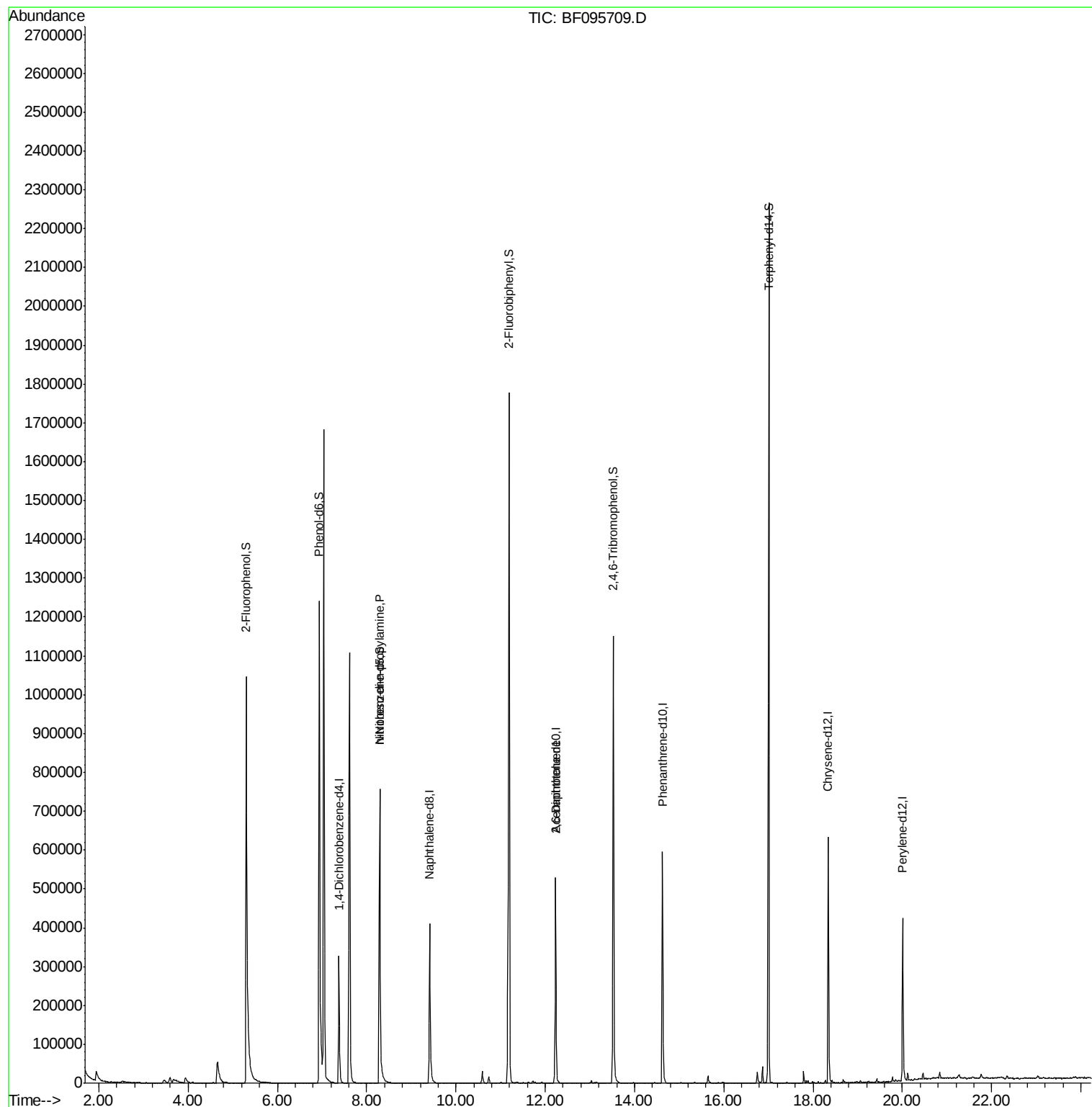
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	86526	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	360869	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	174307	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	338102	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	297395	20.00	ng	-0.02
86) Perylene-d12	20.01	264	211747	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	744713	137.15	ng	0.01
7) Phenol-d6	6.94	99	806052	123.99	ng	-0.02
23) Nitrobenzene-d5	8.29	82	496415	85.43	ng	-0.03
41) 2,4,6-Tribromophenol	13.53	330	215179	139.53	ng	-0.02
44) 2-Fluorobiphenyl	11.19	172	1041876	83.18	ng	-0.02
78) Terphenyl-d14	17.01	244	976533	81.49	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.29	70	61544	14.94	ng	# 76
50) 2,6-Dinitrotoluene	12.23	165	21346	7.39	ng	# 31

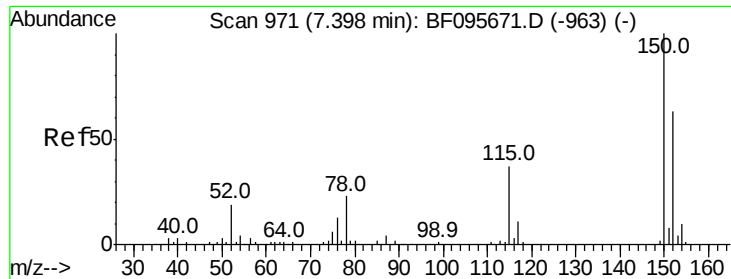
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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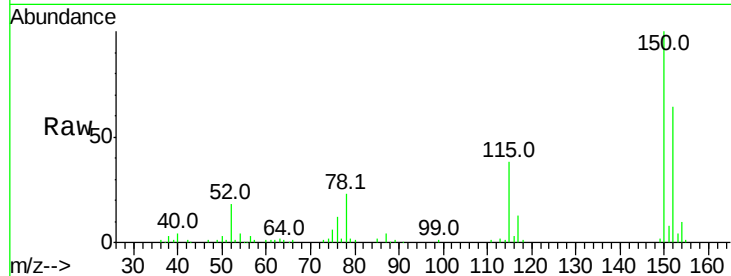


#1

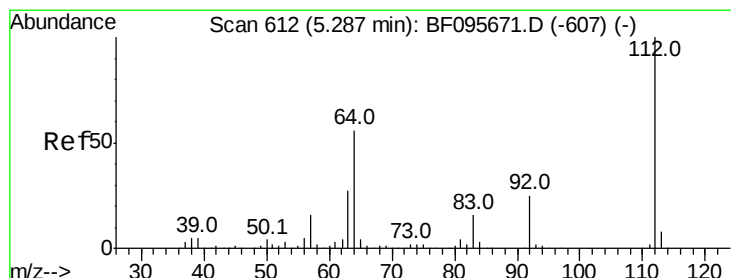
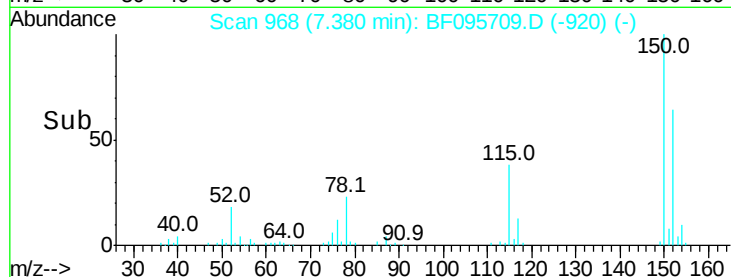
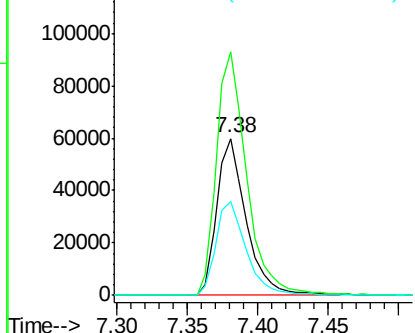
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.38 min Scan# 968
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 86526
 Ion Ratio Lower Upper
 152 100
 150 155.3 126.2 189.2
 115 59.6 52.2 78.2



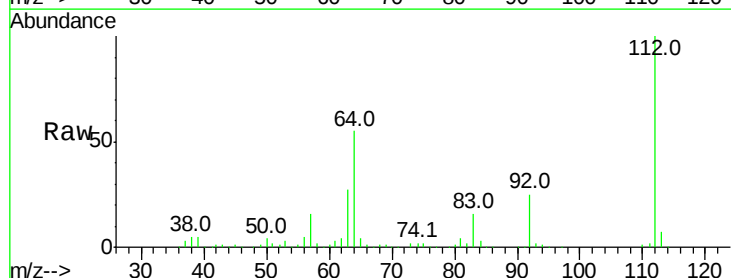
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



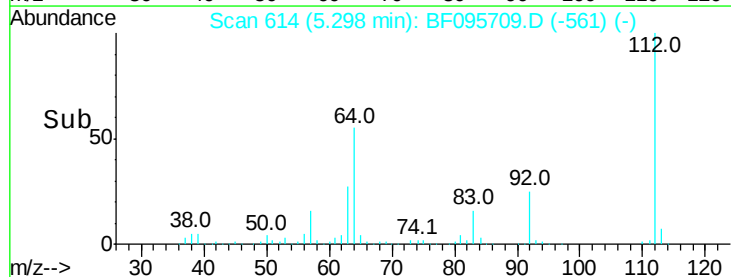
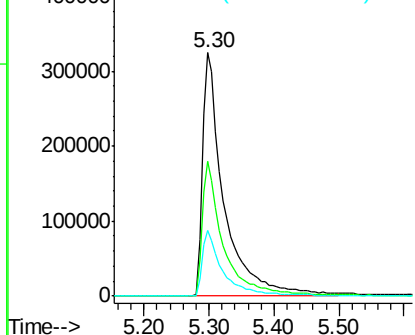
#5

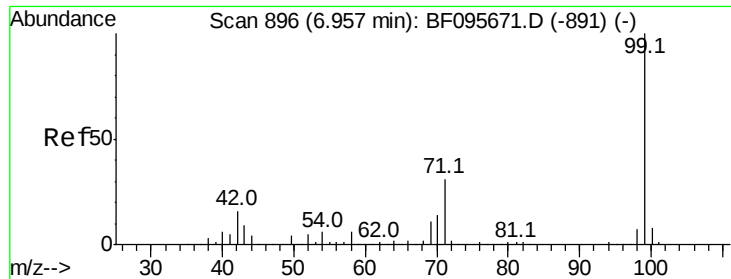
2-Fluorophenol
 Concen: 137.15 ng
 RT: 5.30 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:112 Resp: 744713
 Ion Ratio Lower Upper
 112 100
 64 55.2 46.0 69.0
 63 27.1 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: 123.99 ng

RT: 6.94 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Instrument :

BNA_F

ClientSampleId :

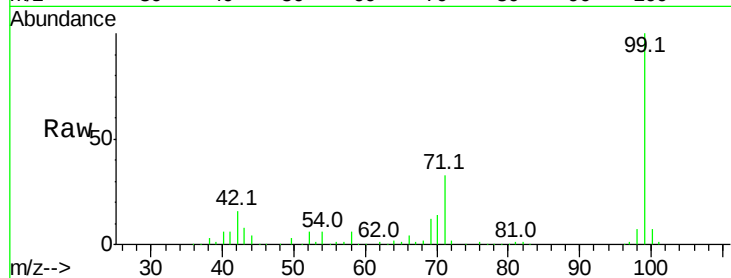
Tot Ion: 99 Resp: 806052

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

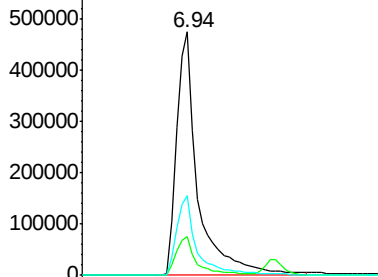
71 32.7 24.5 36.7



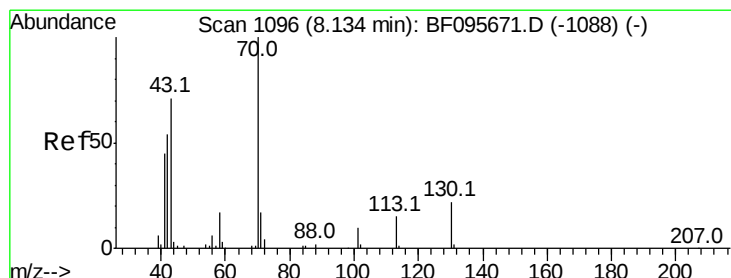
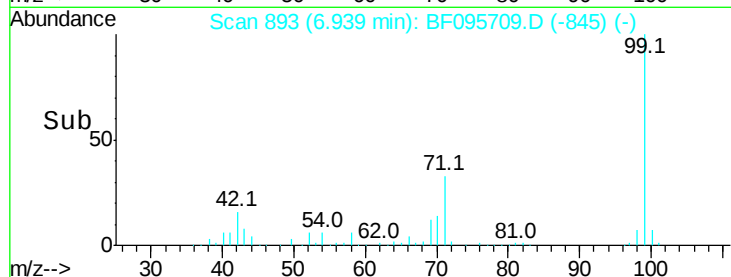
Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 14.94 ng

RT: 8.29 min Scan# 1123

Delta R.T. 0.16 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Tgt Ion: 70 Resp: 61544

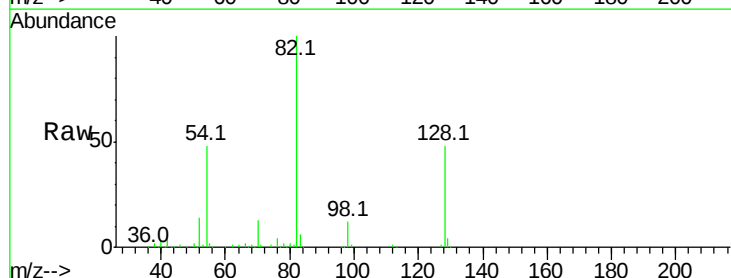
Ion Ratio Lower Upper

70 100

42 44.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

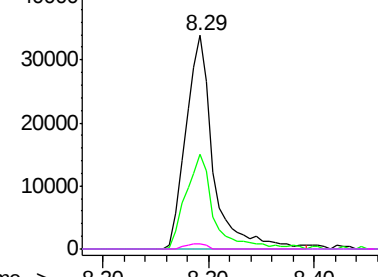


Abundance Ion 70.00 (69.70 to 70.70): BF0

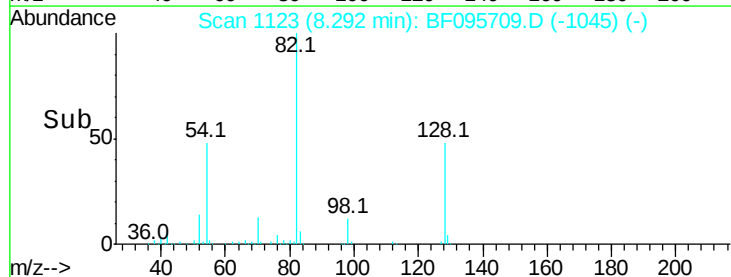
Ion 42.00 (41.70 to 42.70): BF0

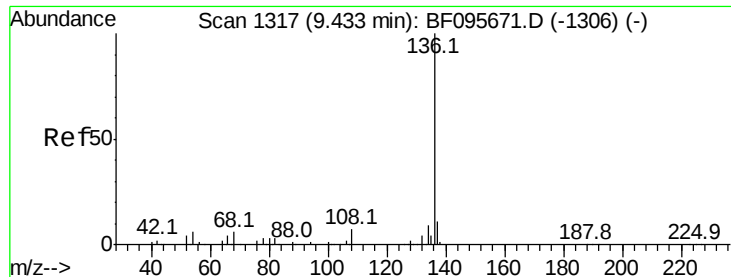
Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



Time-->





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.41 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136 Resp: 360869

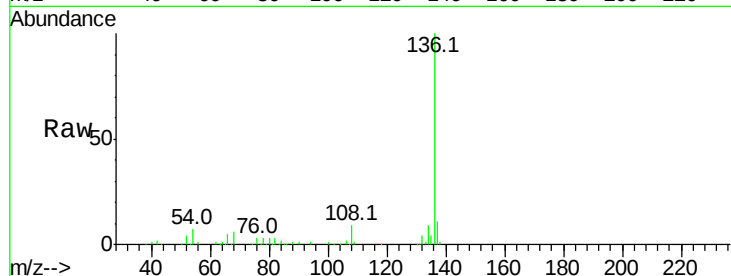
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

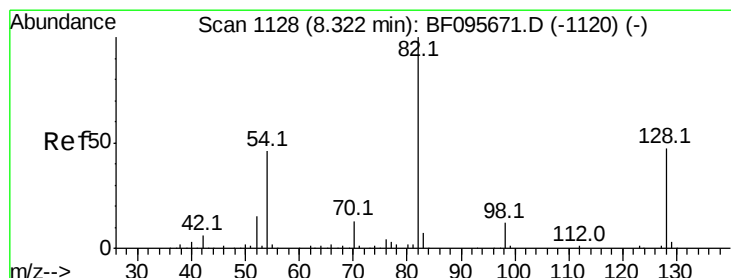
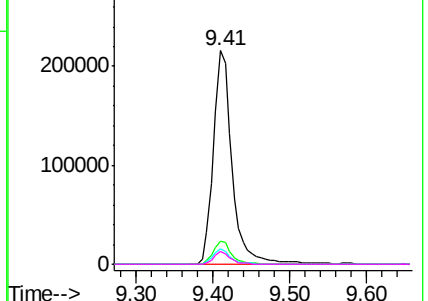
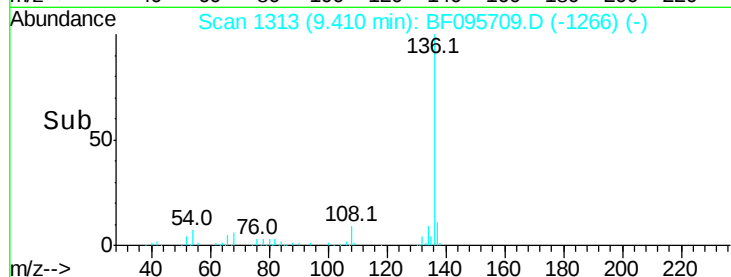


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.43 ng

RT: 8.29 min Scan# 1123

Delta R.T. -0.03 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

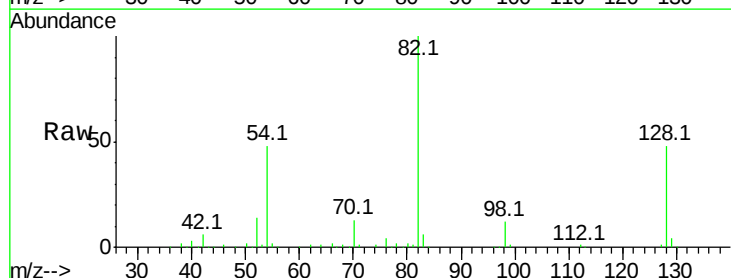
Tgt Ion: 82 Resp: 496415

Ion Ratio Lower Upper

82 100

128 47.8 34.0 51.0

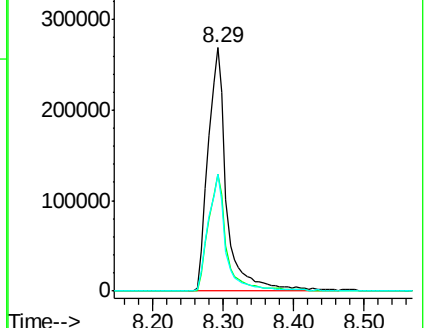
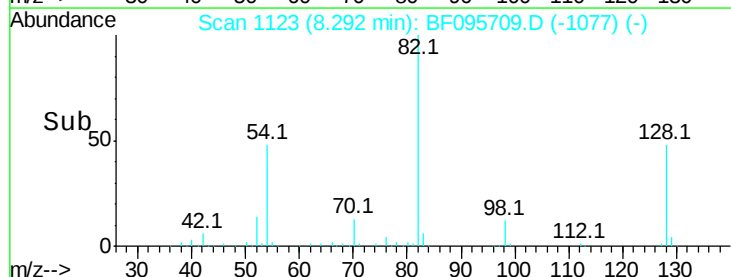
54 48.2 42.2 63.2

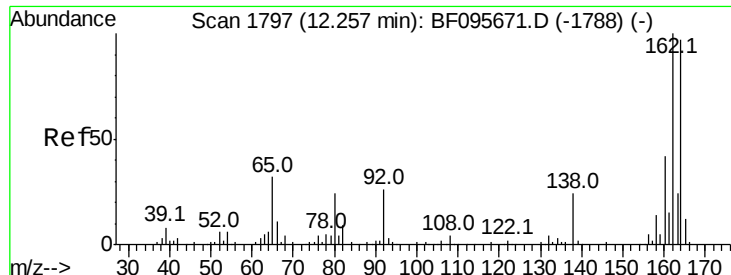


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.23 min Scan# 1793

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Instrument :

BNA_F

ClientSampleId :

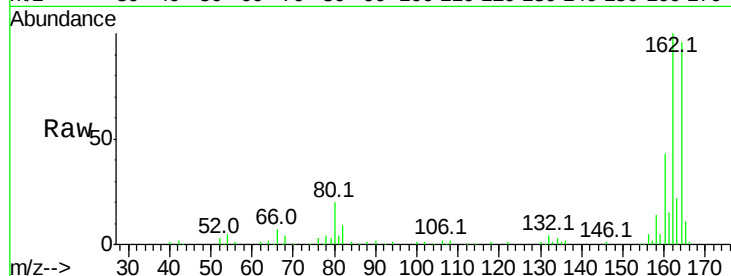
Tot Ion:164 Resp: 174307

Ion Ratio Lower Upper

164 100

162 104.5 82.6 123.8

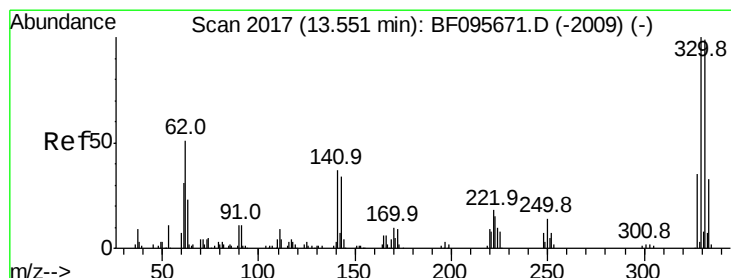
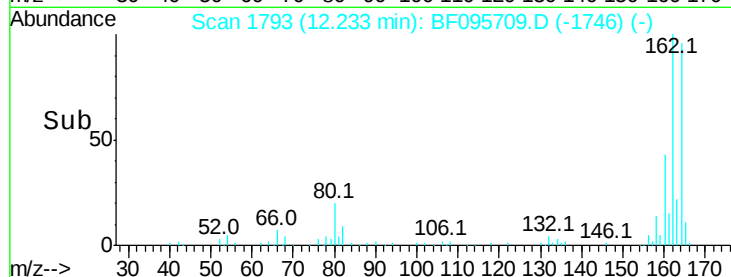
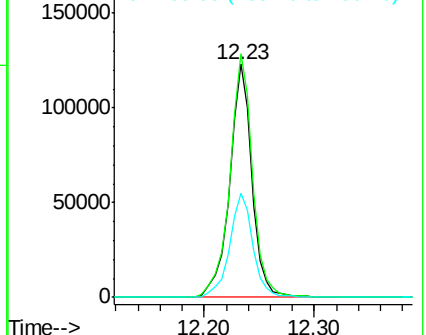
160 44.6 36.2 54.2



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: 139.53 ng

RT: 13.53 min Scan# 2014

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

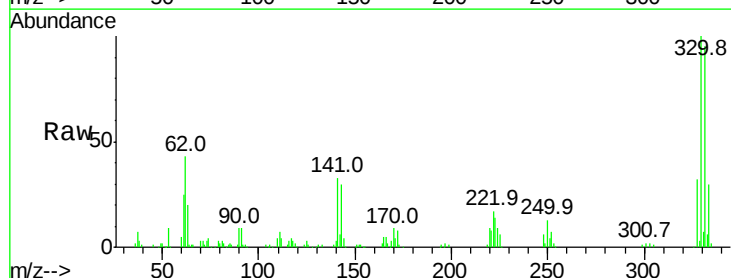
Tgt Ion:330 Resp: 215179

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

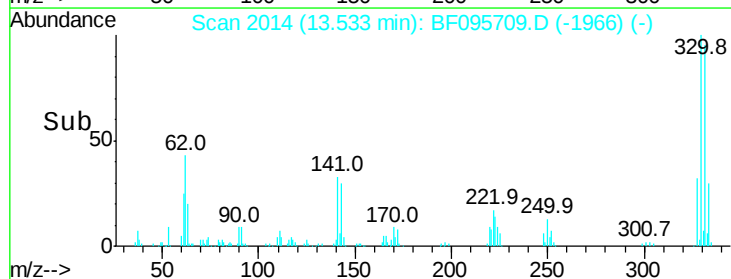
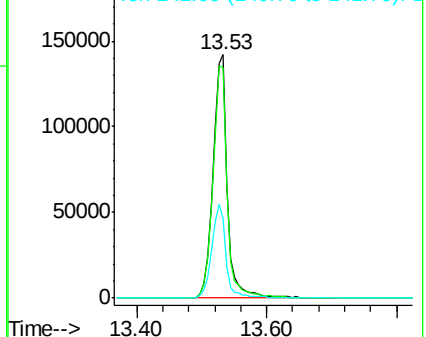
141 38.1 31.4 47.2

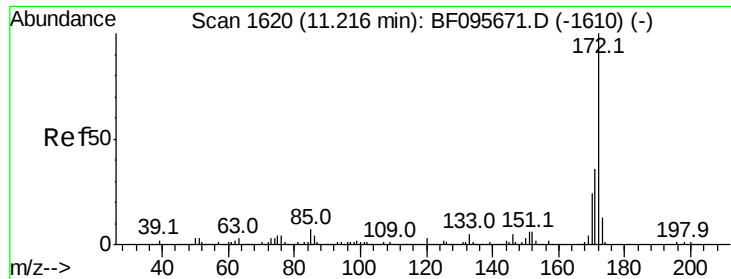


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



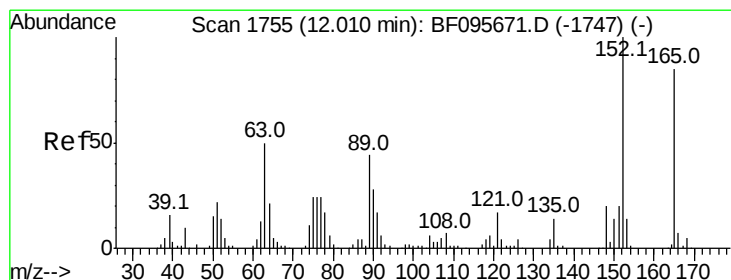
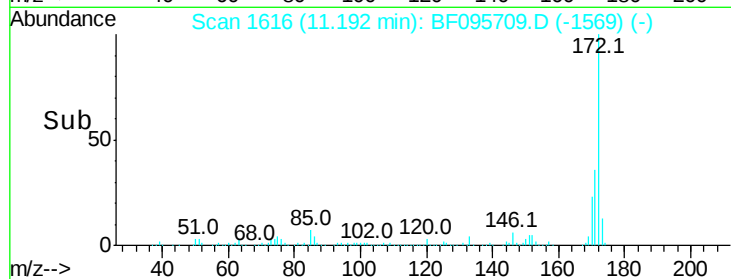
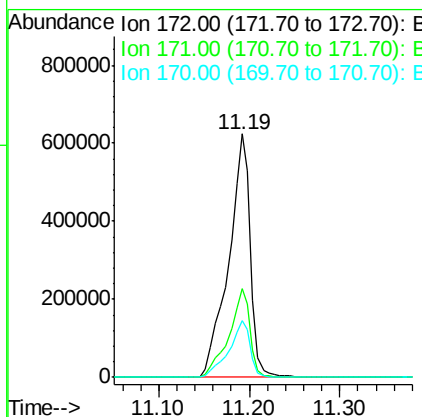
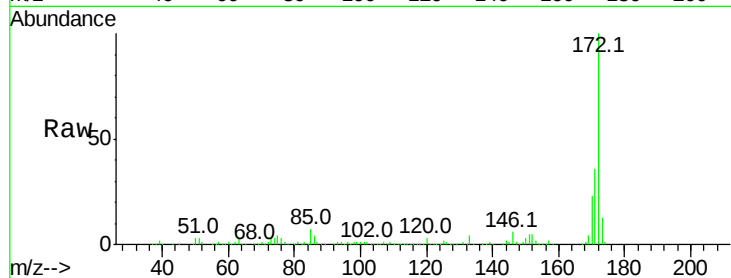


#44
 2-Fluorobiphenyl
 Concen: 83.18 ng
 RT: 11.19 min Scan# 1616
 Delta R.T. -0.02 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1041876

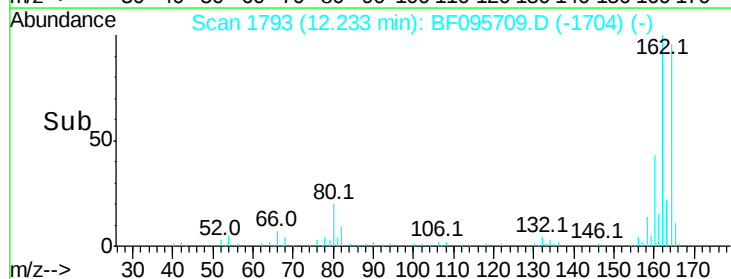
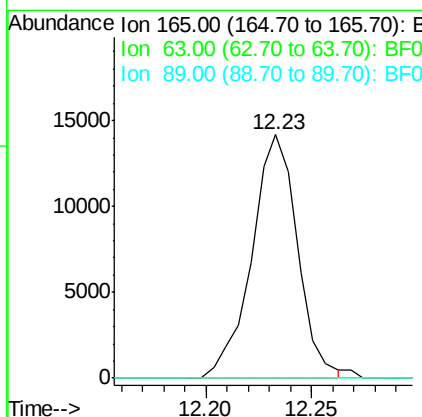
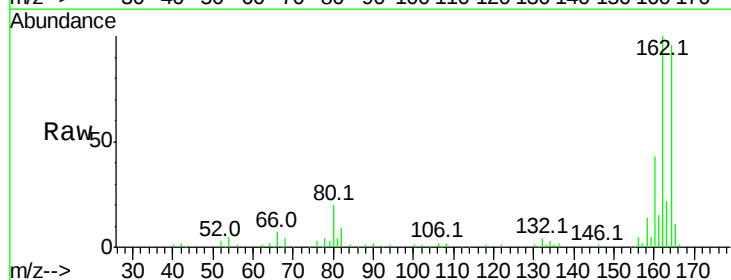
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.2	19.8	29.8

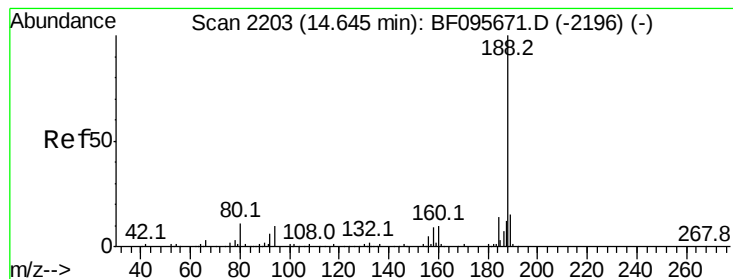


#50
 2,6-Dinitrotoluene
 Concen: 7.39 ng
 RT: 12.23 min Scan# 1793
 Delta R.T. 0.22 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:165 Resp: 21346

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: 14.63 min Scan# 2200

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

Instrument :

BNA_F

ClientSampleId :

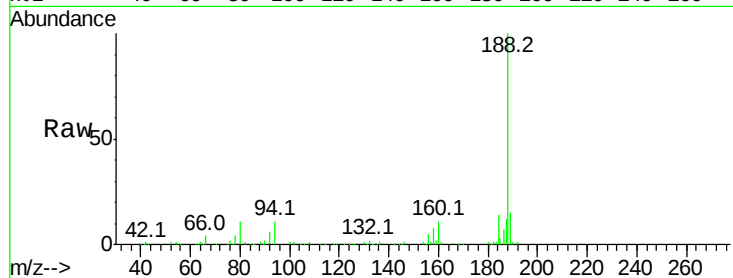
Tot Ion:188 Resp: 338102

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

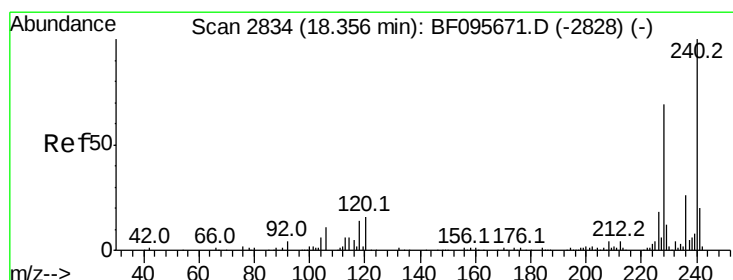
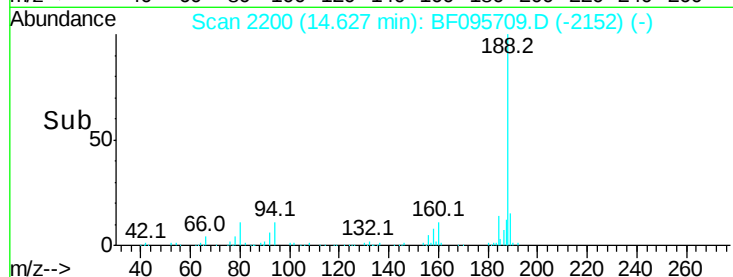
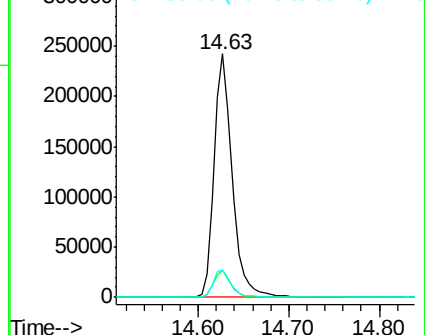
80 11.1 10.2 15.2



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: 18.34 min Scan# 2831

Delta R.T. -0.02 min

Lab File: BF095709.D

Acq: 6 Jun 2017 15:08

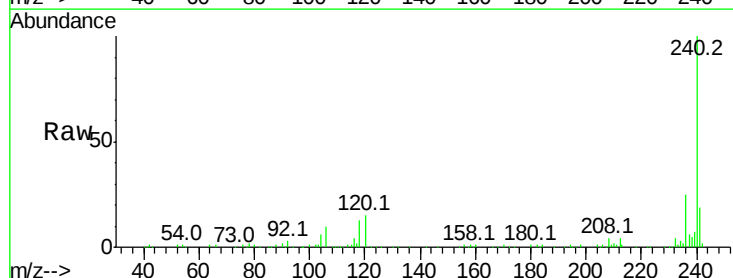
Tgt Ion:240 Resp: 297395

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

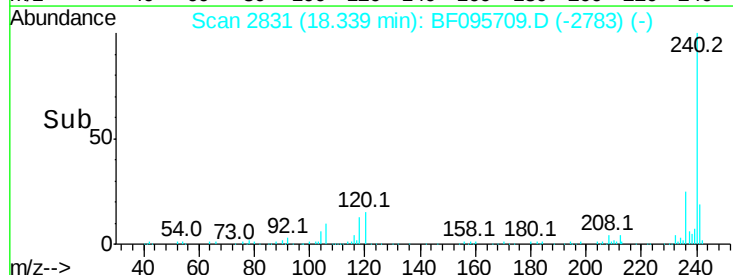
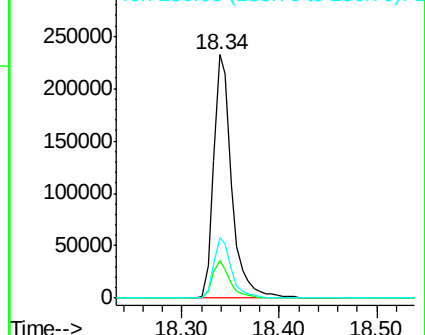
236 24.9 20.5 30.7

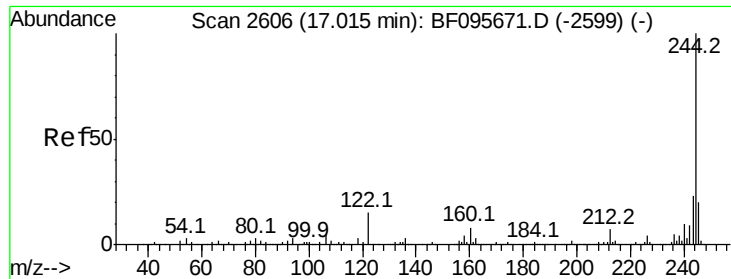


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

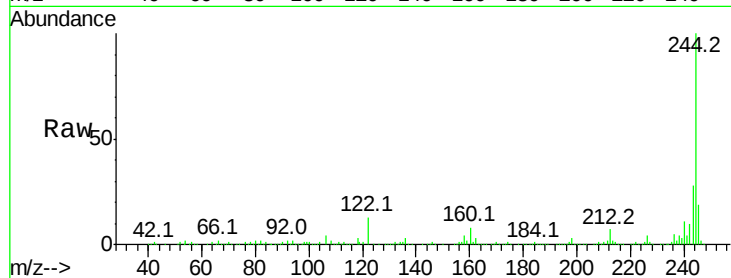




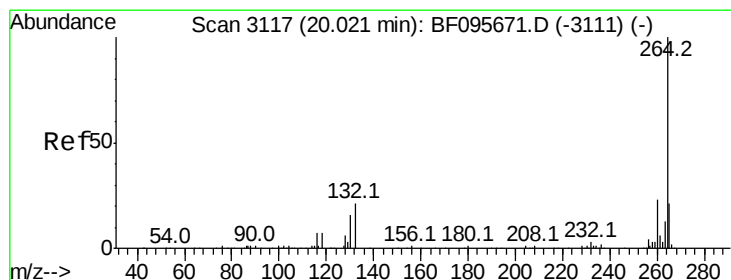
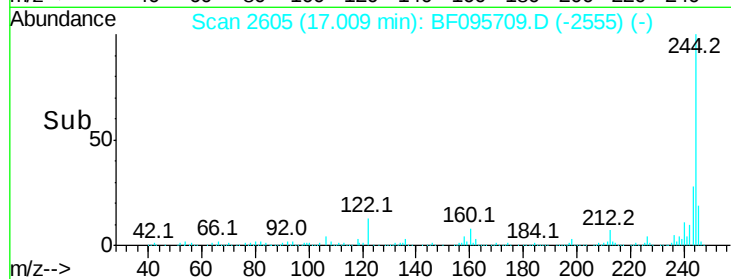
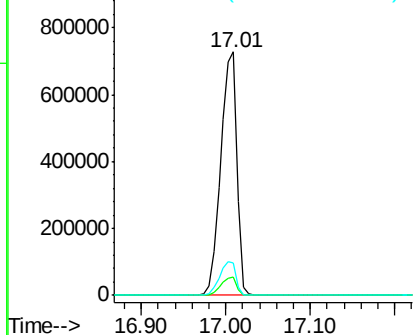
#78
 Terphenyl-d14
 Concen: 81.49 ng
 RT: 17.01 min Scan# 2605
 Delta R.T. -0.01 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 976533
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 13.3 10.3 15.5

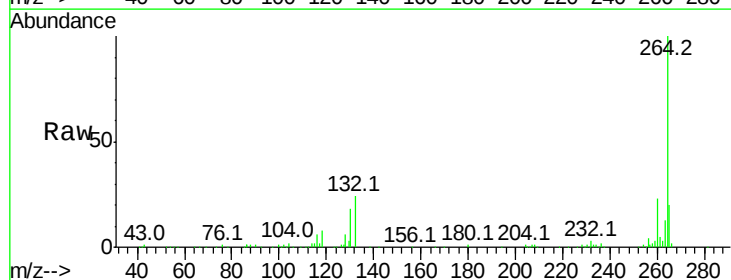


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BF095709.D
 Acq: 6 Jun 2017 15:08

Tgt Ion:264 Resp: 211747
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.2 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

