

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060617\
 Data File : BF095714.D
 Acq On : 6 Jun 2017 17:53
 Operator : SJ/MA
 Sample : PB99510BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 07 02:46:08 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

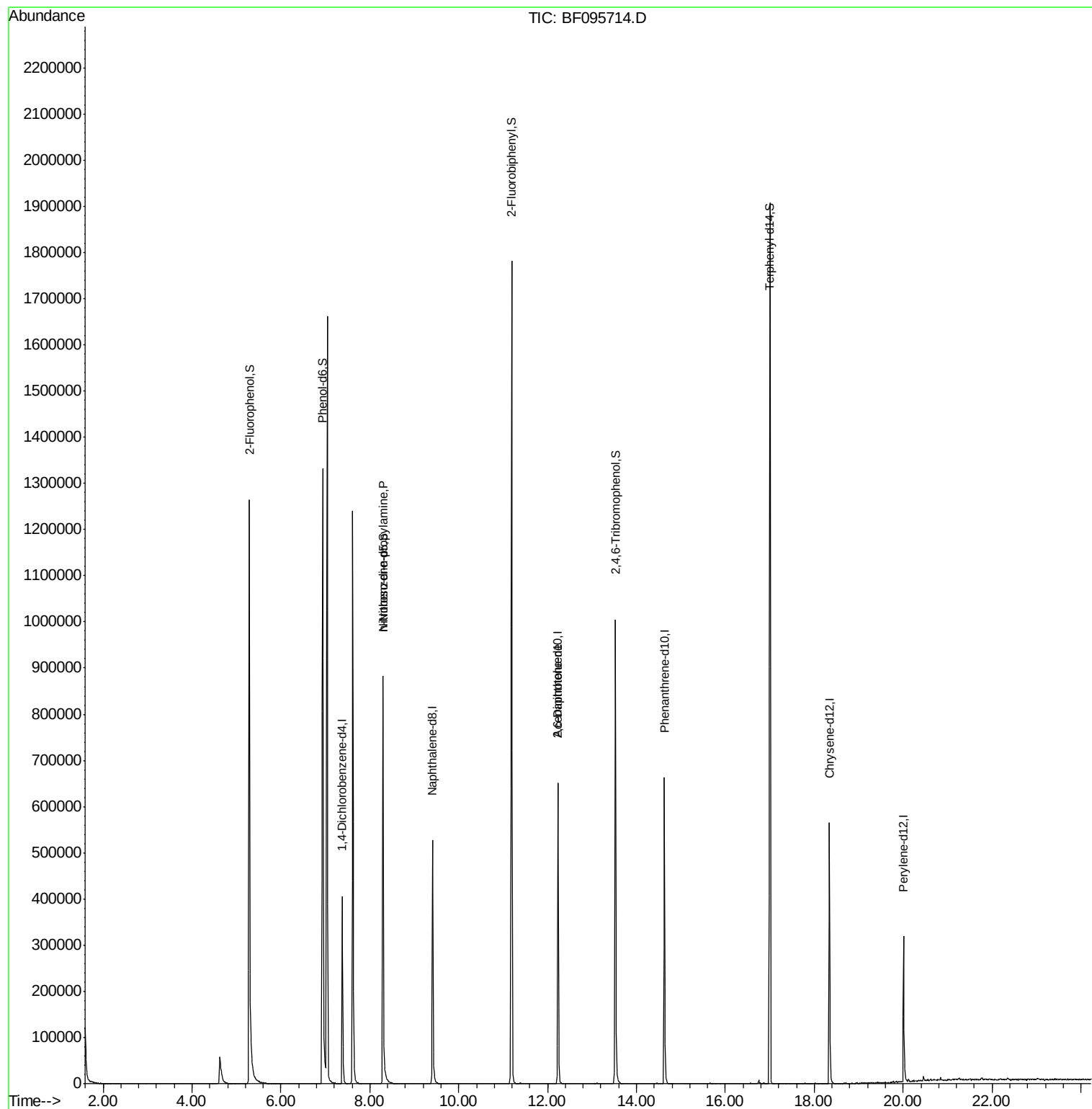
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	96699	20.00	ng	-0.02
21) Naphthalene-d8	9.41	136	403806	20.00	ng	-0.02
38) Acenaphthene-d10	12.23	164	197670	20.00	ng	-0.02
63) Phenanthrene-d10	14.63	188	365850	20.00	ng	-0.02
75) Chrysene-d12	18.34	240	252579	20.00	ng	-0.02
86) Perylene-d12	20.01	264	166562	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	675558	111.32	ng	0.00
7) Phenol-d6	6.94	99	796235	109.60	ng	-0.02
23) Nitrobenzene-d5	8.30	82	475310	73.10	ng	-0.02
41) 2,4,6-Tribromophenol	13.53	330	176415	100.87	ng	-0.02
44) 2-Fluorobiphenyl	11.20	172	1017977	71.66	ng	-0.02
78) Terphenyl-d14	17.00	244	833067	81.85	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.30	70	59854	13.00	ng	# 74
50) 2,6-Dinitrotoluene	12.23	165	24324	7.43	ng	# 31

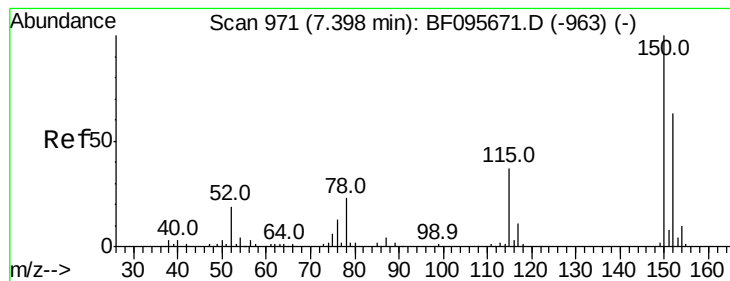
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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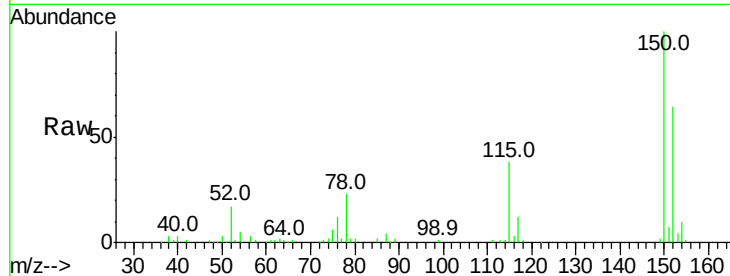


#1

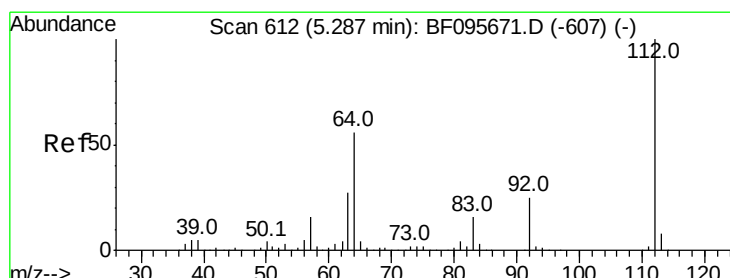
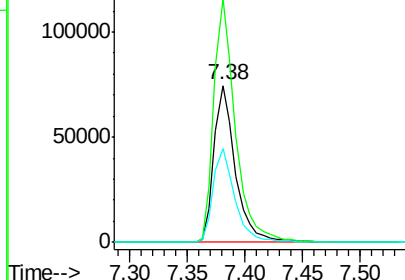
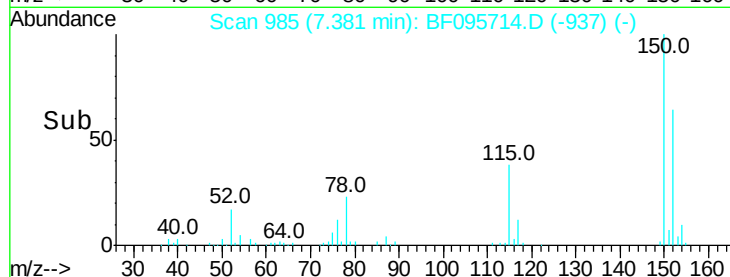
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 985
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96699
Ion Ratio Lower Upper
152 100
150 155.3 126.2 189.2
115 59.6 52.2 78.2



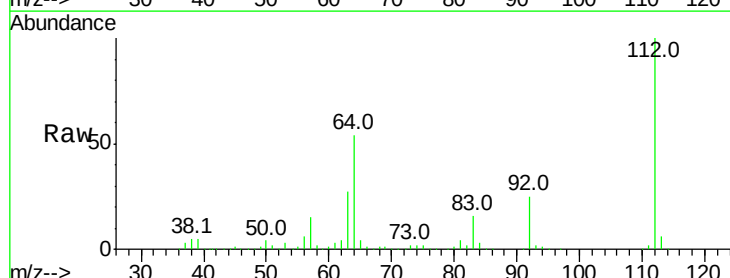
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



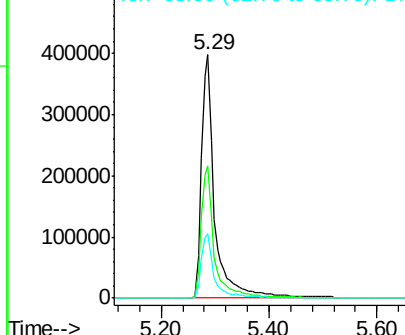
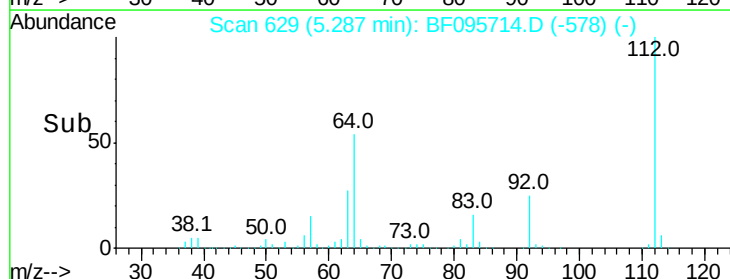
#5

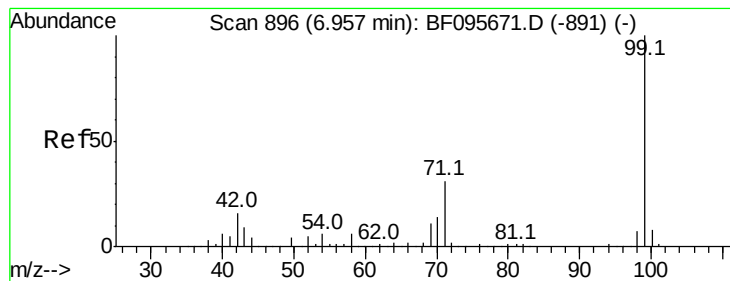
2-Fluorophenol
Concen: 111.32 ng
RT: 5.29 min Scan# 629
Delta R.T. 0.00 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:112 Resp: 675558
Ion Ratio Lower Upper
112 100
64 54.3 46.0 69.0
63 26.7 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: 109.60 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.02 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

Instrument :

BNA_F

ClientSampleId :

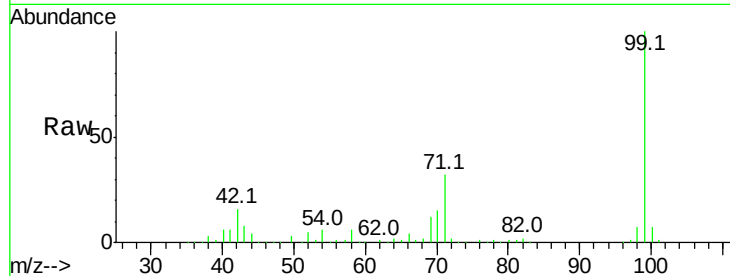
Tot Ion: 99 Resp: 796235

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

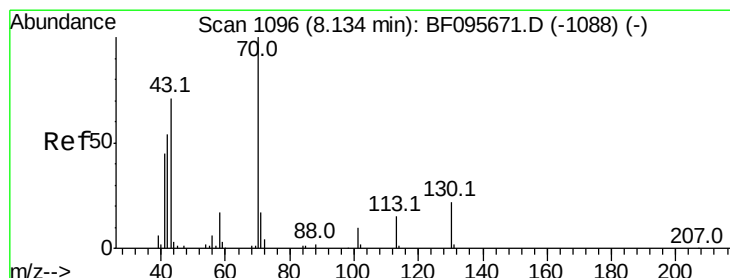
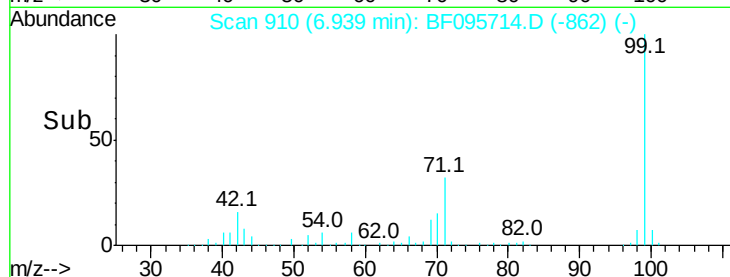
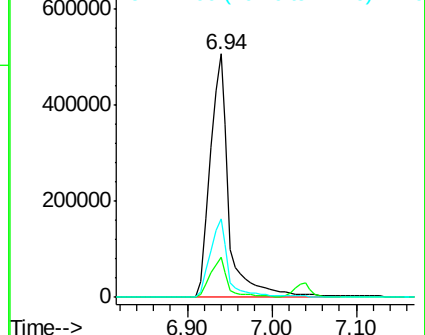
71 32.4 24.5 36.7



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: 13.00 ng

RT: 8.30 min Scan# 1141

Delta R.T. 0.16 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

Tgt Ion: 70 Resp: 59854

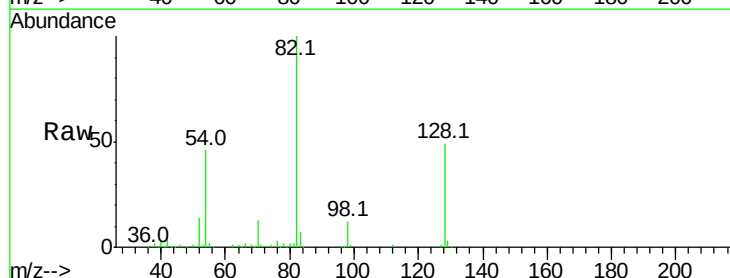
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

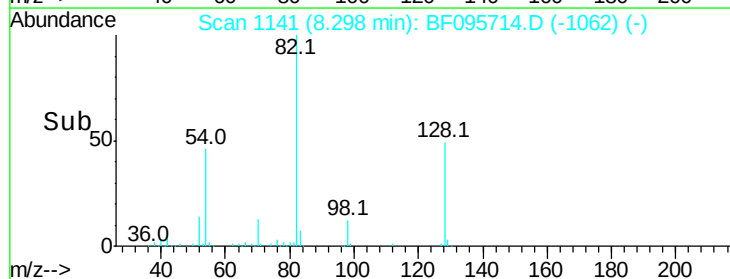
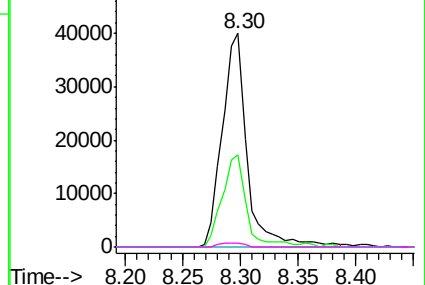


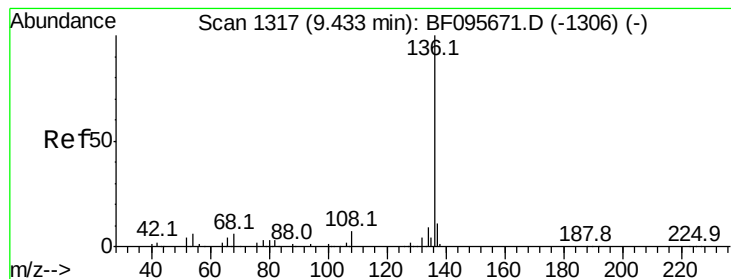
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.41 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 403806

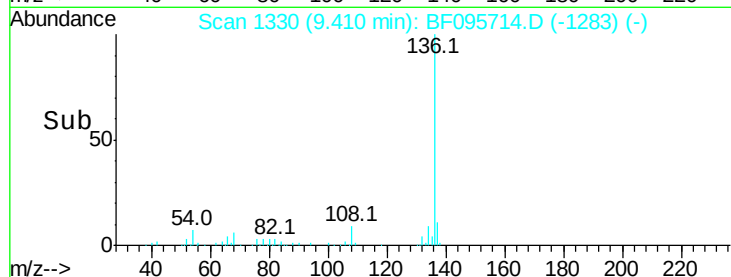
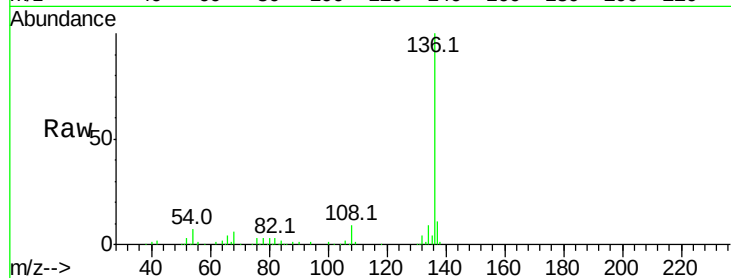
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.6 4.1 6.1

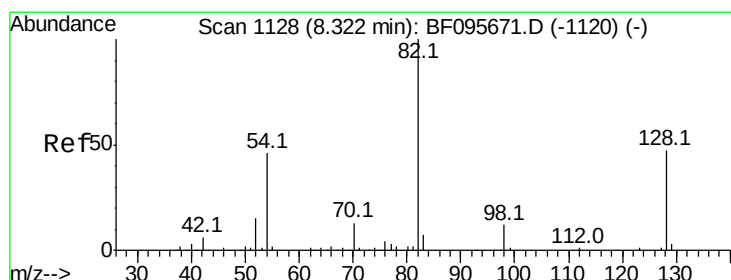
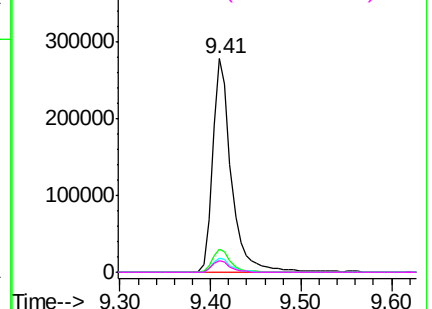


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.10 ng

RT: 8.30 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

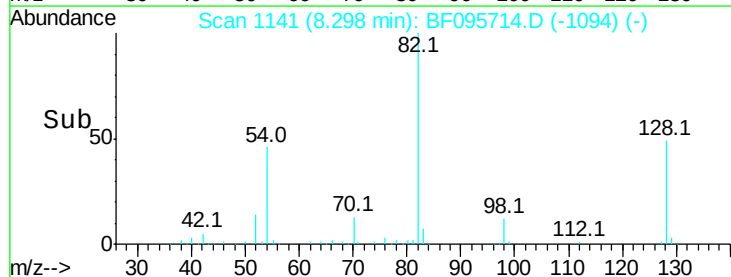
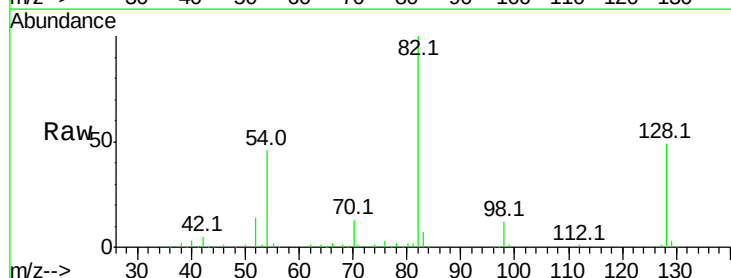
Tgt Ion: 82 Resp: 475310

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

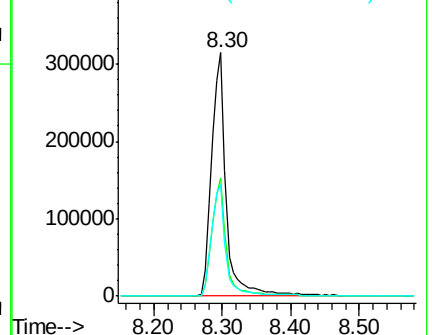
54 45.8 42.2 63.2

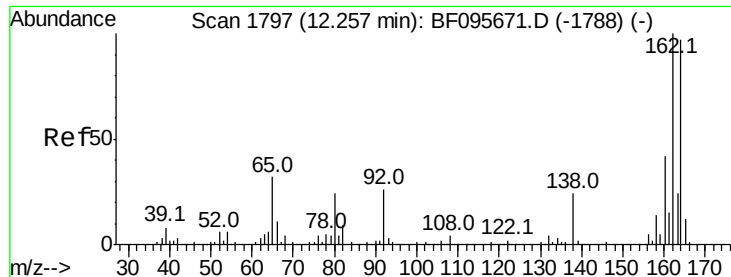


Abundance Ion 82.00 (81.70 to 82.70): BF0

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# 1810

Delta R.T. -0.02 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

Instrument :

BNA_F

ClientSampleId :

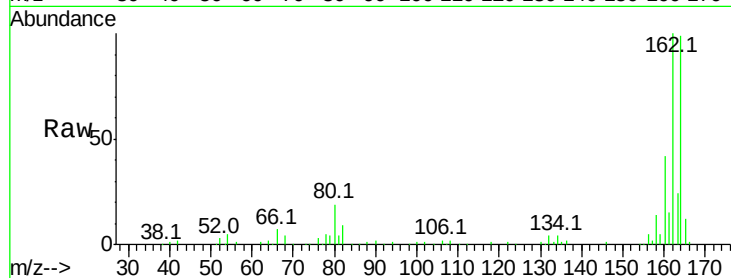
Tot Ion:164 Resp: 197670

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

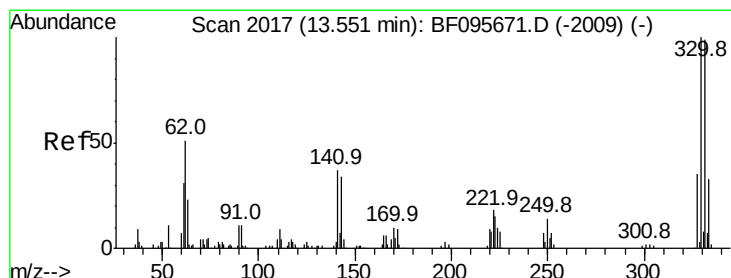
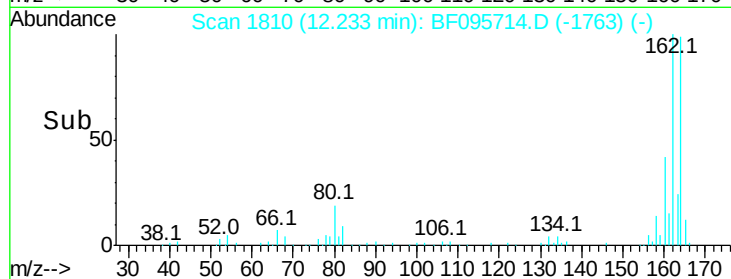
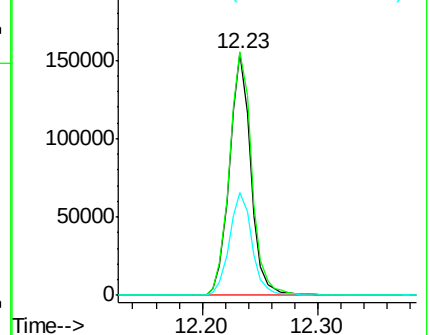
160 42.7 36.2 54.2



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: 100.87 ng

RT: 13.53 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BF095714.D

Acq: 6 Jun 2017 17:53

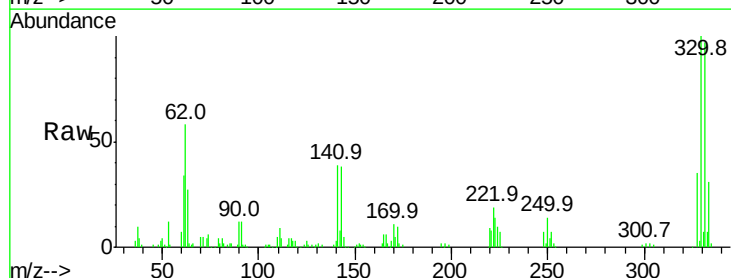
Tgt Ion:330 Resp: 176415

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

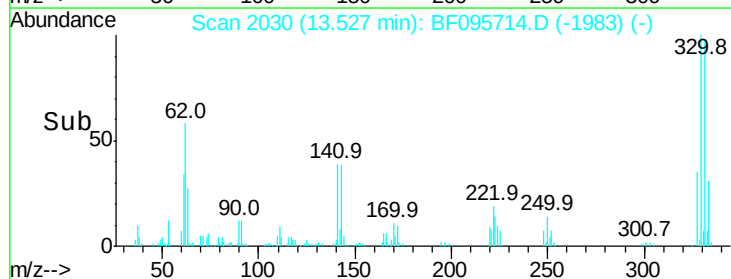
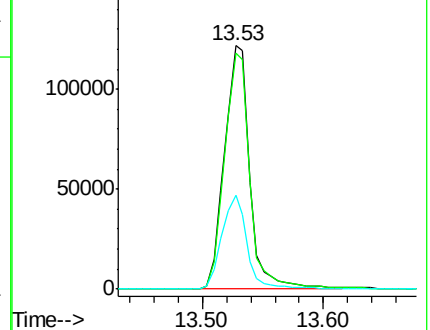
141 38.6 31.4 47.2

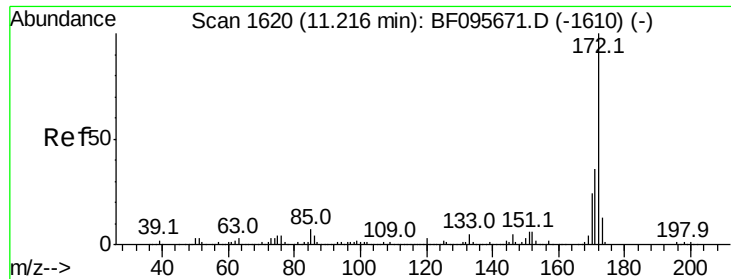


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

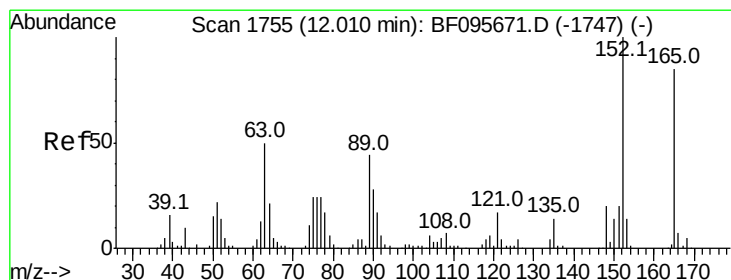
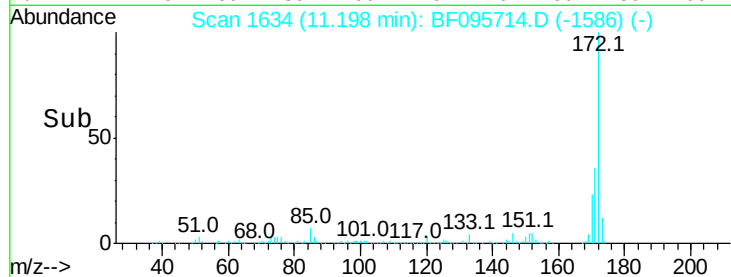
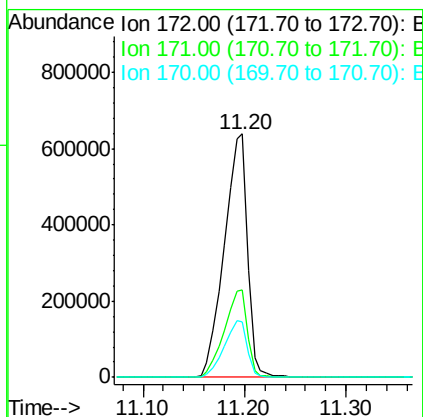
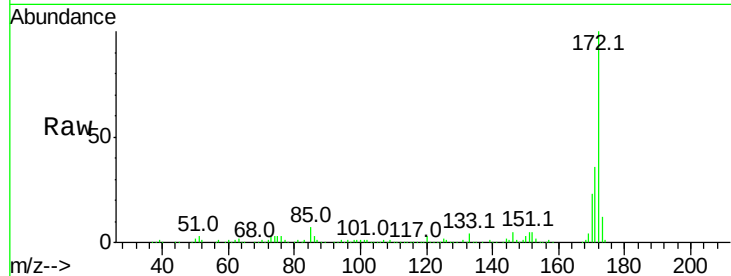




#44
2-Fluorobiphenyl
Concen: 71.66 ng
RT: 11.20 min Scan# 1634
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

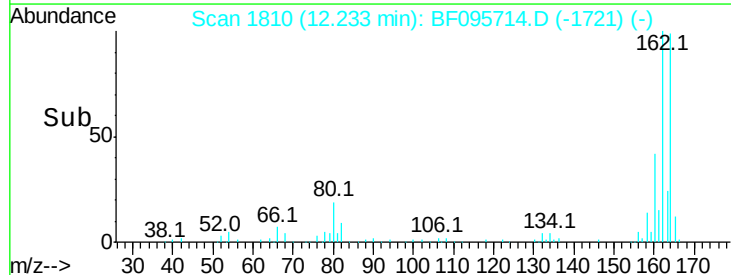
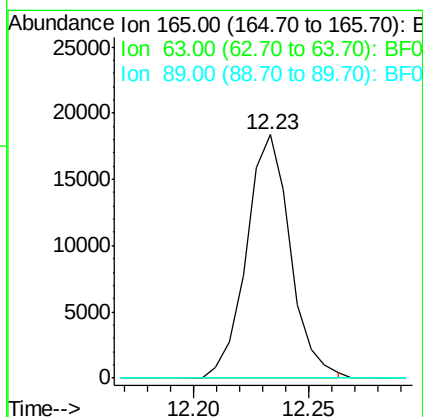
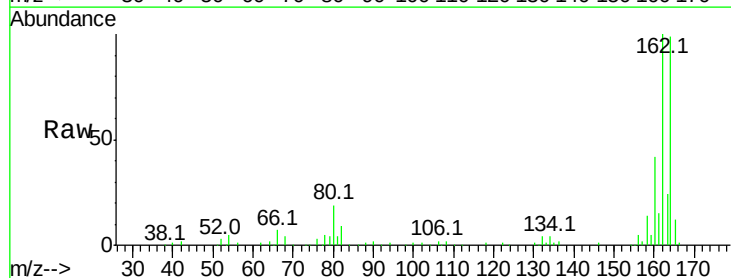
Instrument :
BNA_F
ClientSampleId :

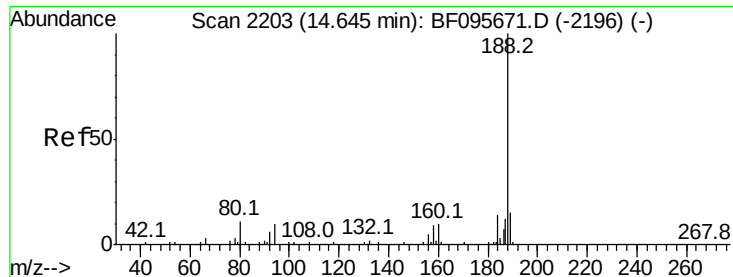
Tot Ion:172 Resp: 1017977
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 22.9 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.43 ng
RT: 12.23 min Scan# 1810
Delta R.T. 0.22 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:165 Resp: 24324
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

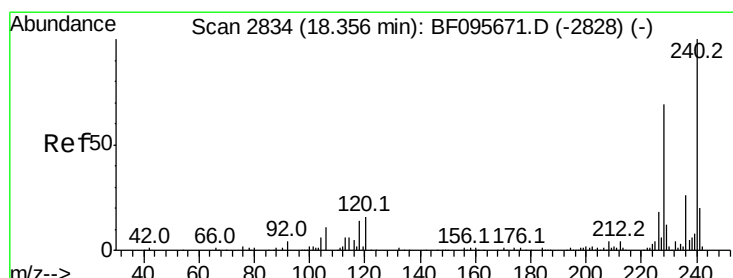
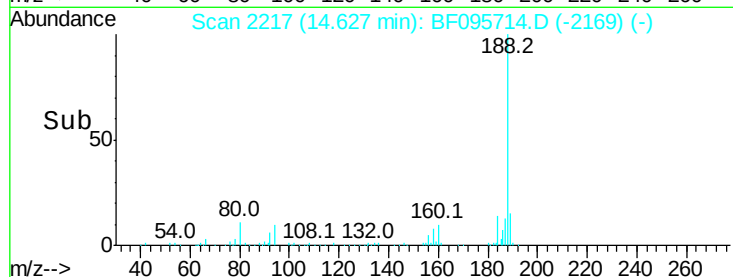
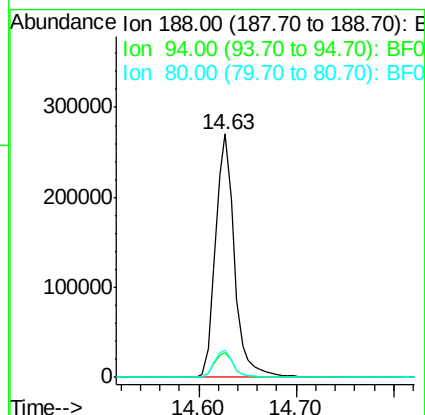
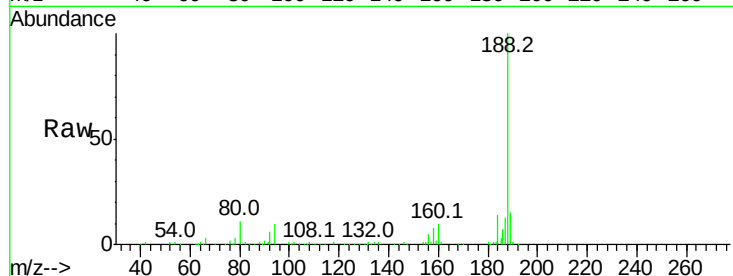




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.63 min Scan# 2217
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

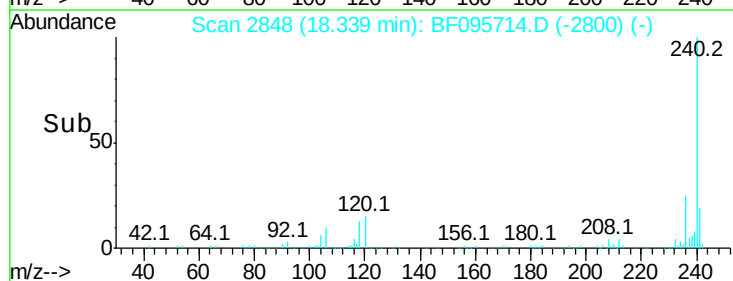
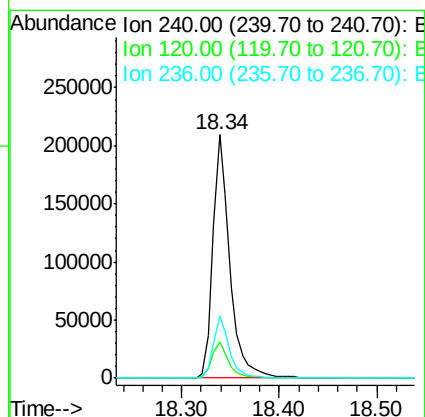
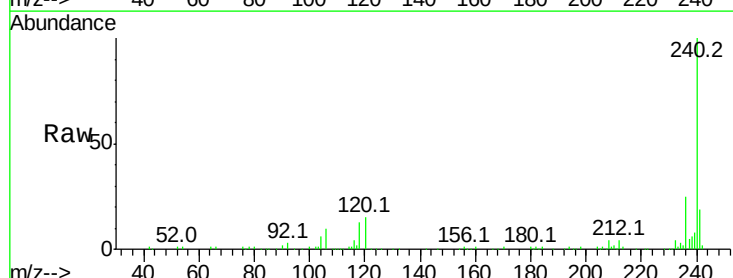
Instrument :
BNA_F
ClientSampleId :

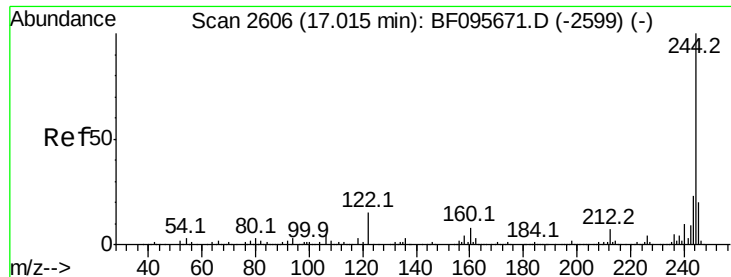
Tot Ion:188 Resp: 365850
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 11.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.34 min Scan# 2848
Delta R.T. -0.02 min
Lab File: BF095714.D
Acq: 6 Jun 2017 17:53

Tgt Ion:240 Resp: 252579
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 25.3 20.5 30.7

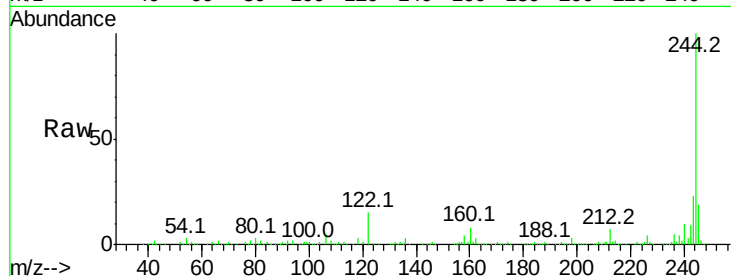




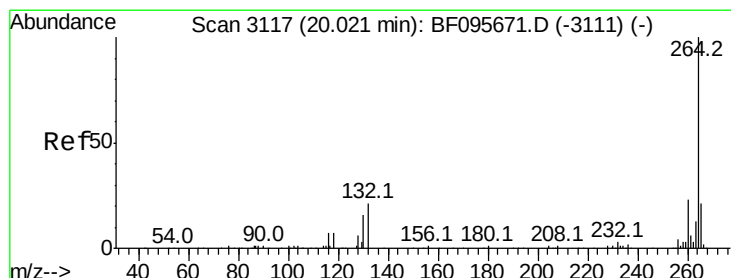
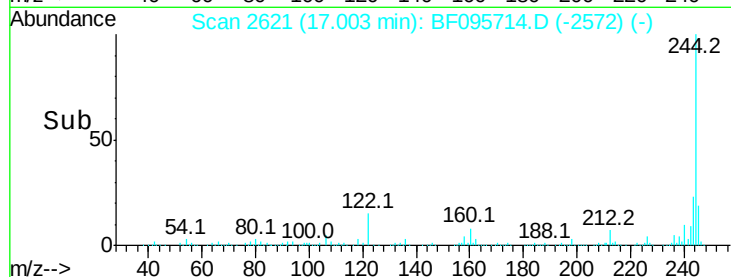
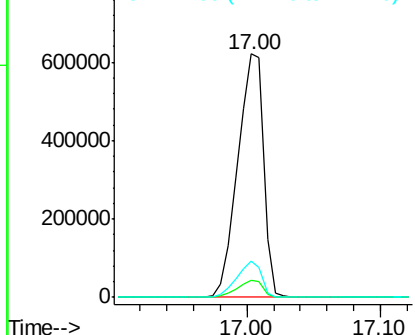
#78
 Terphenyl-d14
 Concen: 81.85 ng
 RT: 17.00 min Scan# 2621
 Delta R.T. -0.01 min
 Lab File: BF095714.D
 Acq: 6 Jun 2017 17:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 833067
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 14.8 10.3 15.5

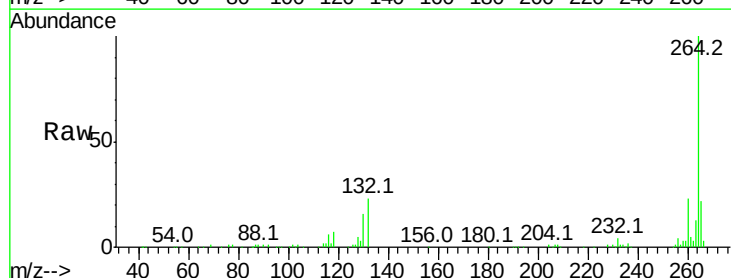


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.01 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095714.D
 Acq: 6 Jun 2017 17:53

Tgt Ion:264 Resp: 166562
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 21.6 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

