

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061217\
 Data File : BF095876.D
 Acq On : 12 Jun 2017 17:24
 Operator : SJ/MA
 Sample : PB99685TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 13 05:32:12 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

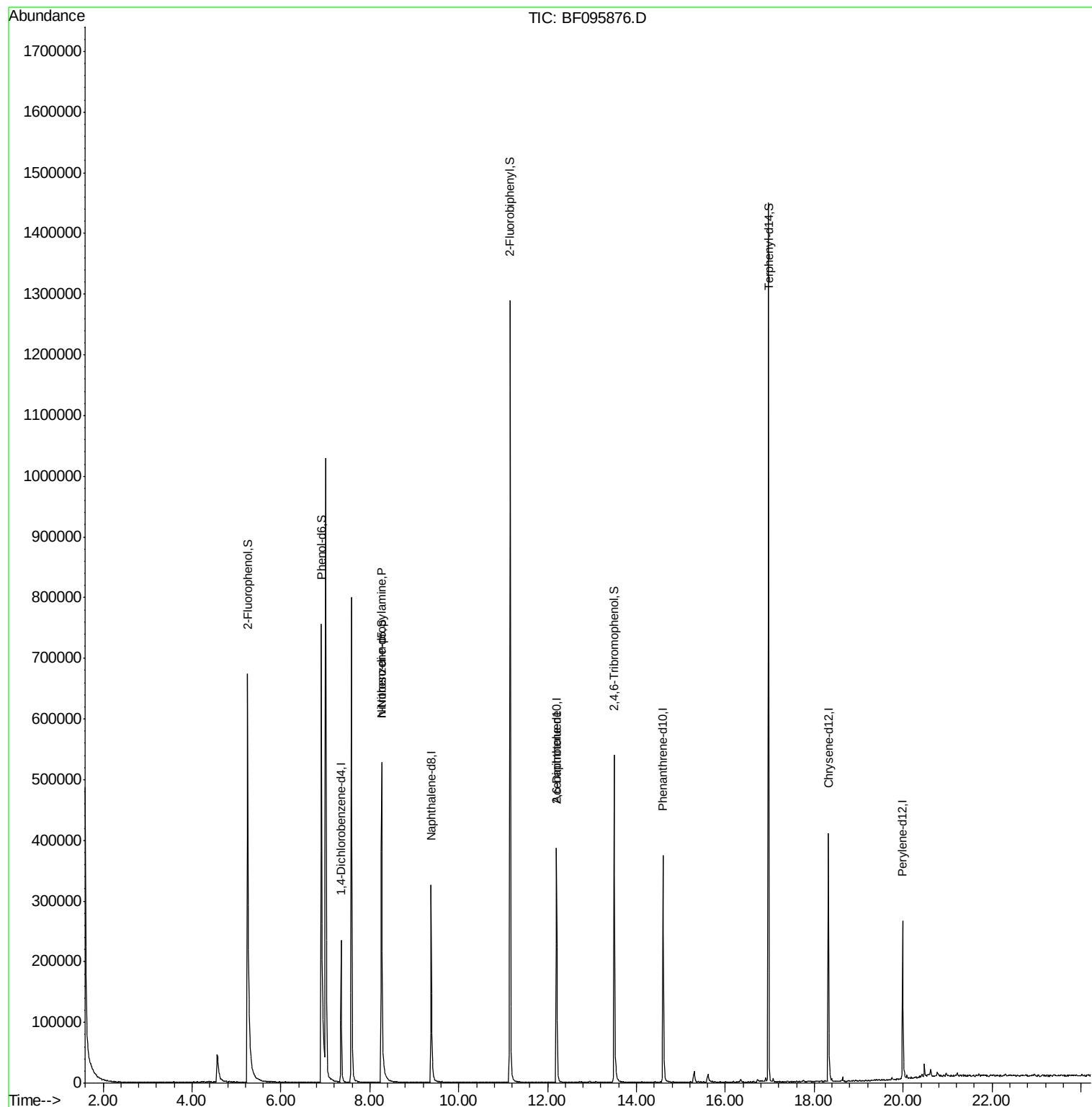
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	61541	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	261081	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	122682	20.00	ng	-0.06
63) Phenanthrene-d10	14.60	188	238661	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	199753	20.00	ng	-0.04
86) Perylene-d12	19.99	264	133516	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	441836	114.40	ng	-0.04
7) Phenol-d6	6.91	99	529443	114.51	ng	-0.05
23) Nitrobenzene-d5	8.26	82	298978	71.12	ng	-0.06
41) 2,4,6-Tribromophenol	13.50	330	104103	95.91	ng	-0.05
44) 2-Fluorobiphenyl	11.16	172	631166	71.59	ng	-0.06
78) Terphenyl-d14	16.97	244	590413	73.35	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.26	70	35701	12.18	ng	# 83
50) 2,6-Dinitrotoluene	12.20	165	15589	7.67	ng	# 31

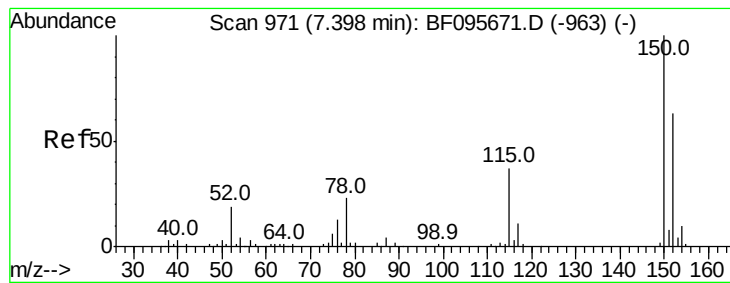
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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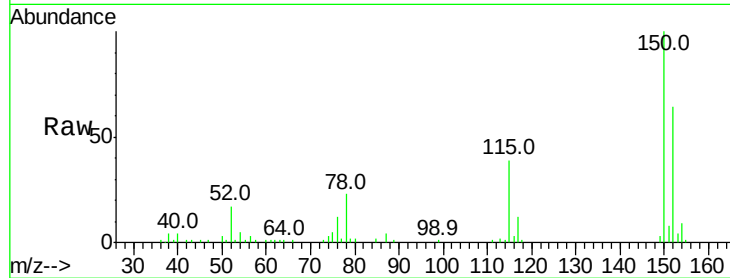


#1

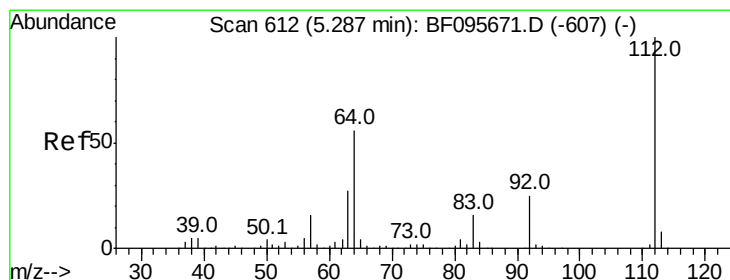
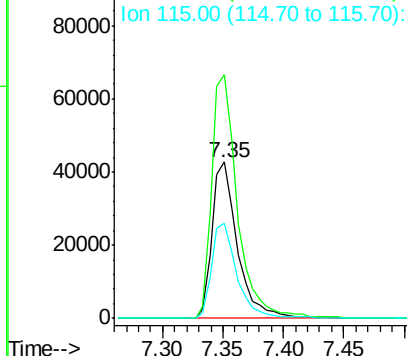
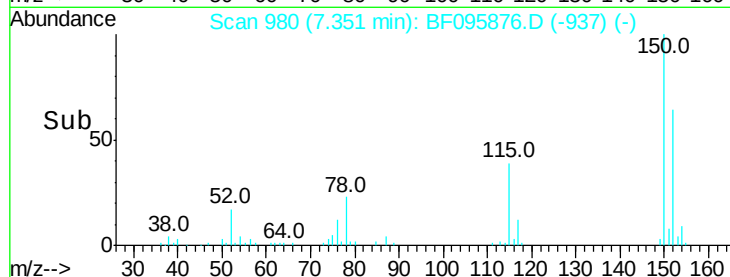
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 61541
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 61.2 52.2 78.2



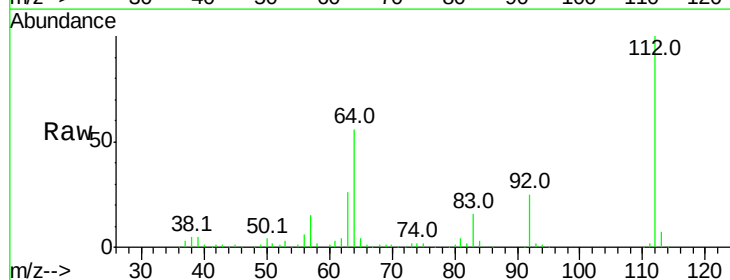
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



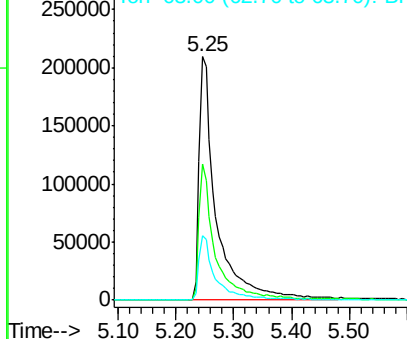
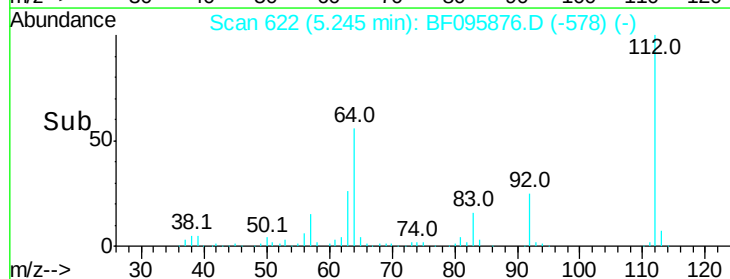
#5

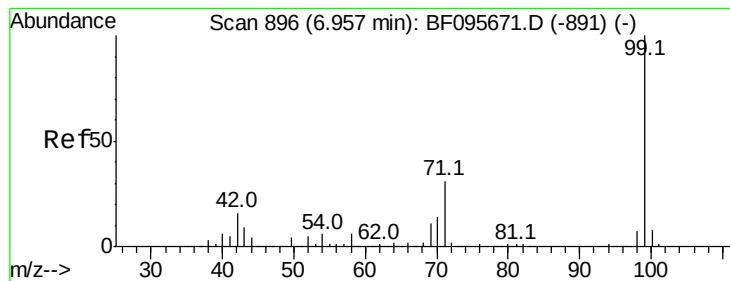
2-Fluorophenol
Concen: 114.40 ng
RT: 5.25 min Scan# 622
Delta R.T. -0.04 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

Tgt Ion:112 Resp: 441836
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 26.5 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: 114.51 ng

RT: 6.91 min Scan# 905

Delta R.T. -0.05 min

Lab File: BF095876.D

Acq: 12 Jun 2017 17:24

Instrument :

BNA_F

ClientSampleId :

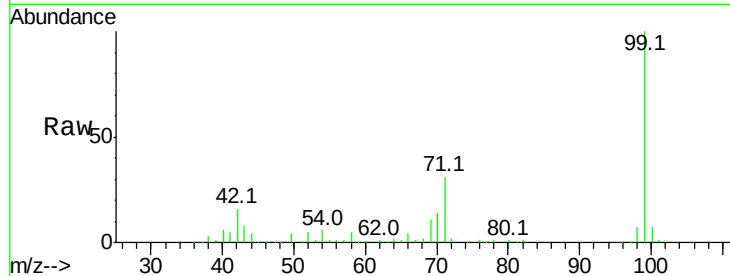
Tot Ion: 99 Resp: 529443

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

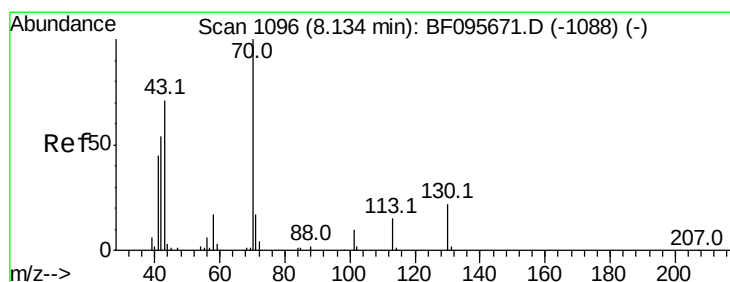
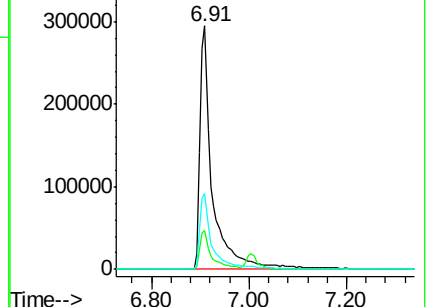
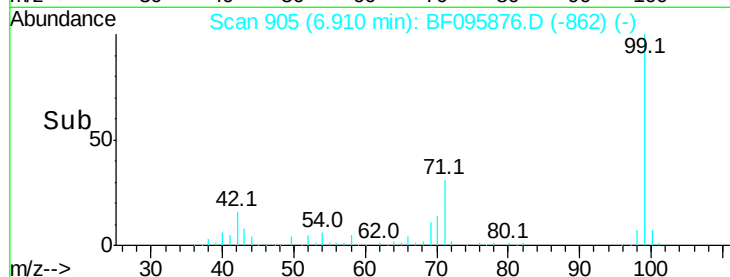
71 31.3 24.5 36.7



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: 12.18 ng

RT: 8.26 min Scan# 1135

Delta R.T. 0.13 min

Lab File: BF095876.D

Acq: 12 Jun 2017 17:24

Tgt Ion: 70 Resp: 35701

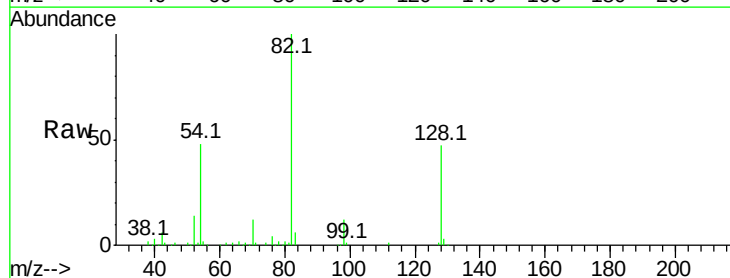
Ion Ratio Lower Upper

70 100

42 51.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

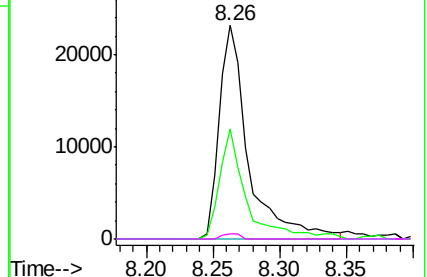
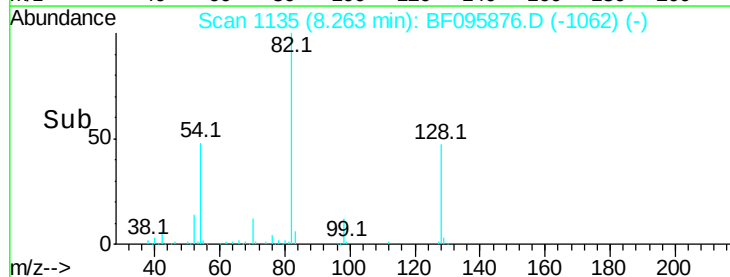


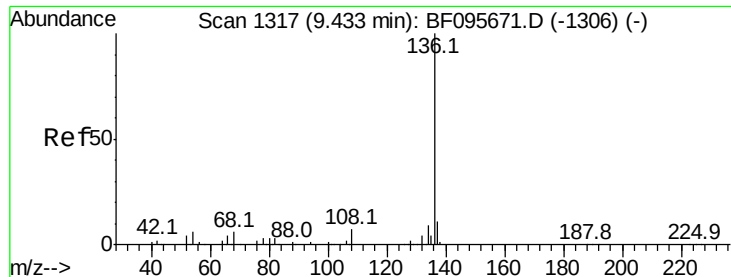
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.38 min Scan# 1325

Delta R.T. -0.05 min

Lab File: BF095876.D

Acq: 12 Jun 2017 17:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 261081

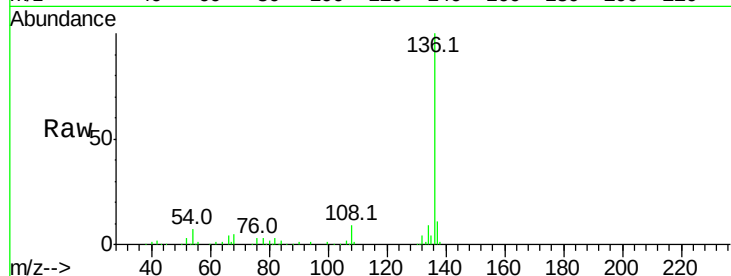
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.6 4.9 7.3

68 5.5 4.1 6.1

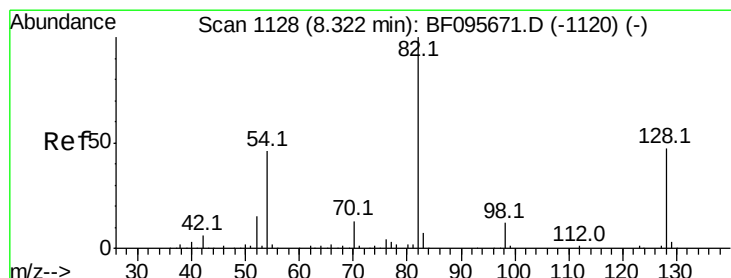
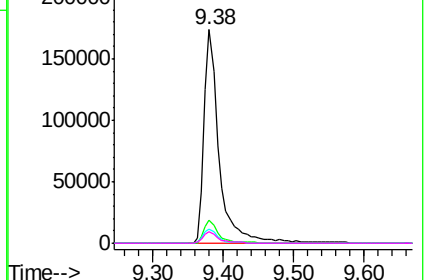
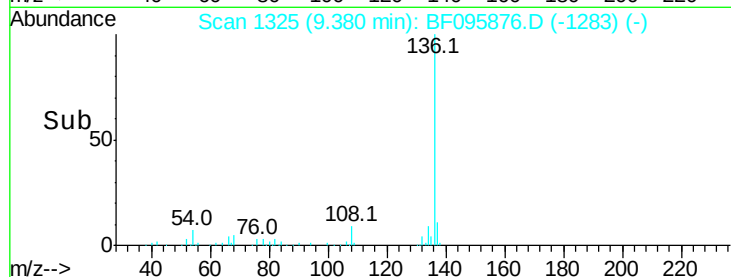


Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.12 ng

RT: 8.26 min Scan# 1135

Delta R.T. -0.06 min

Lab File: BF095876.D

Acq: 12 Jun 2017 17:24

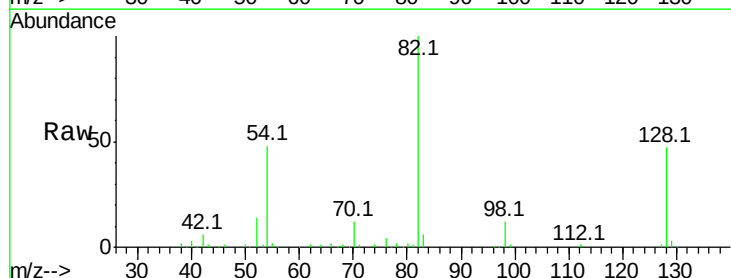
Tgt Ion: 82 Resp: 298978

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

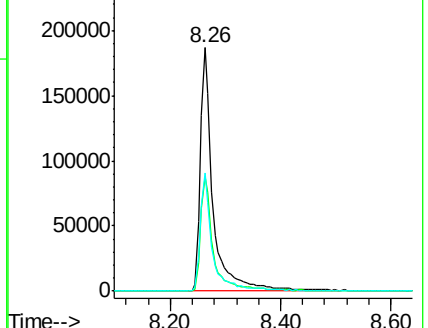
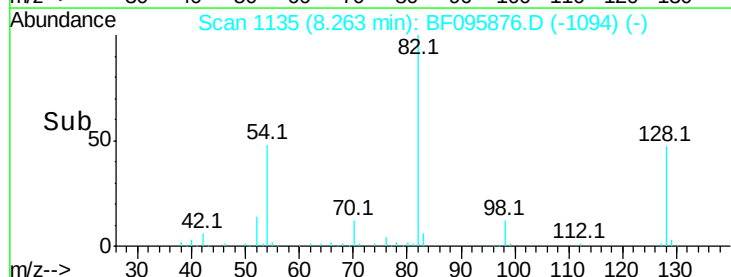
54 48.4 42.2 63.2

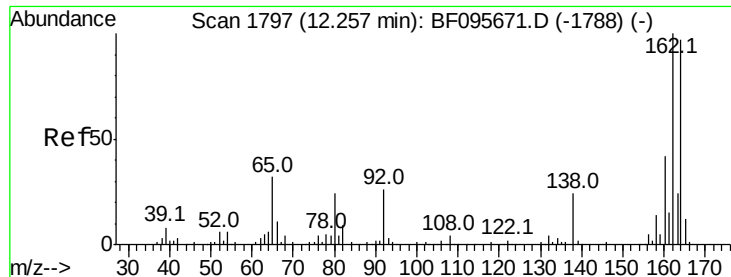


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

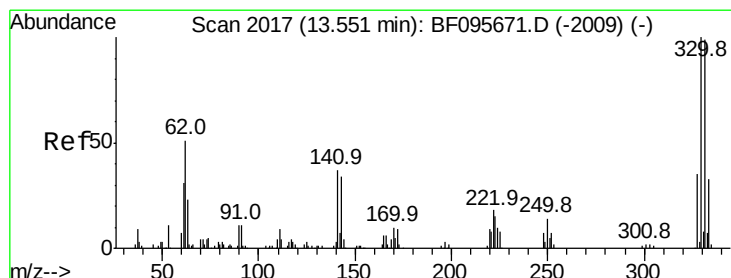
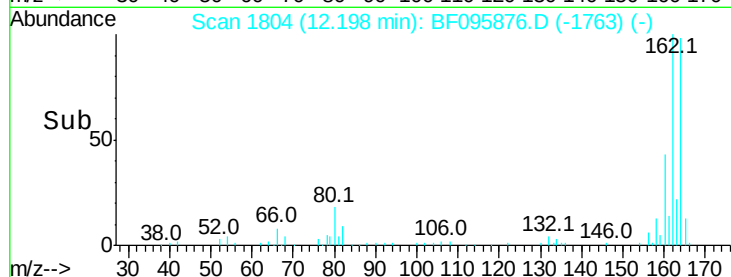
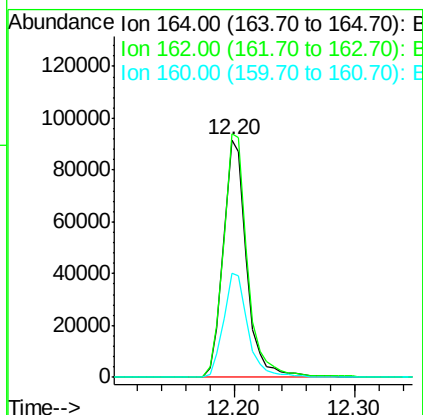
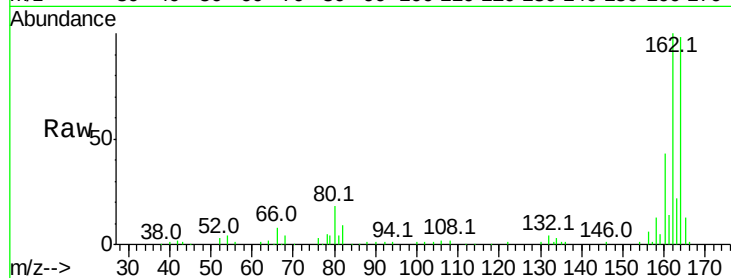




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1804
Delta R.T. -0.06 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

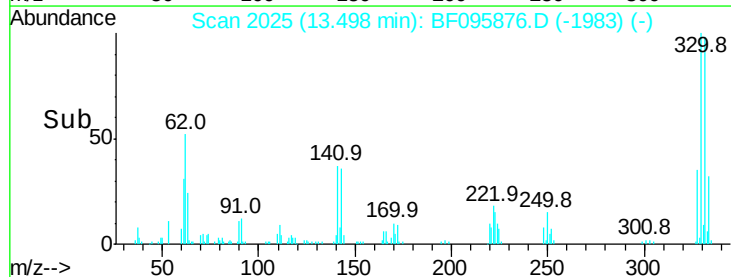
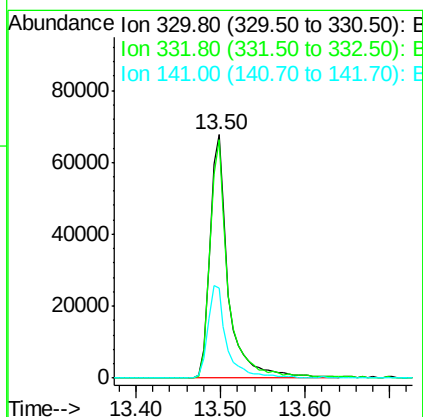
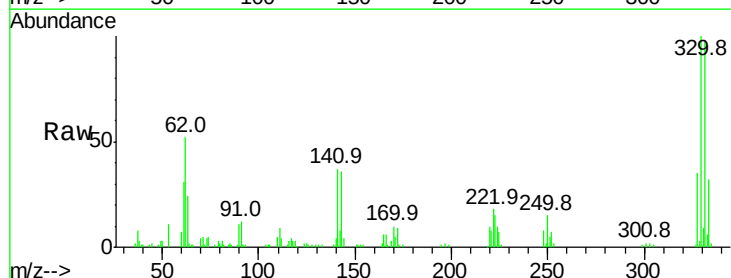
Instrument :
BNA_F
ClientSampleId :

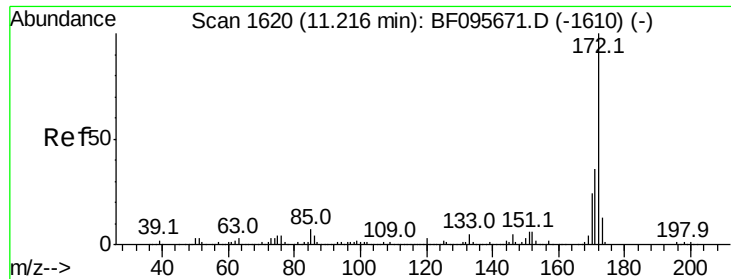
Tot Ion:164 Resp: 122682
Ion Ratio Lower Upper
164 100
162 102.5 82.6 123.8
160 44.1 36.2 54.2



#41
2,4,6-Tribromophenol
Concen: 95.91 ng
RT: 13.50 min Scan# 2025
Delta R.T. -0.05 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

Tgt Ion:330 Resp: 104103
Ion Ratio Lower Upper
330 100
332 98.2 76.6 115.0
141 38.7 31.4 47.2

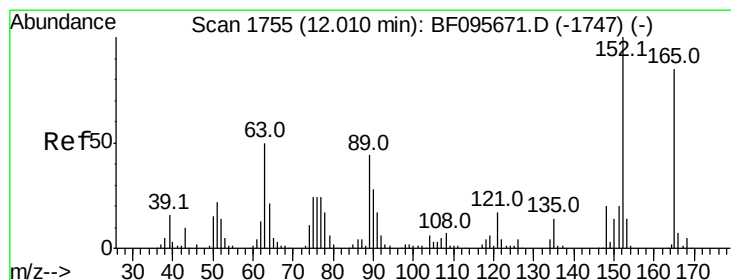
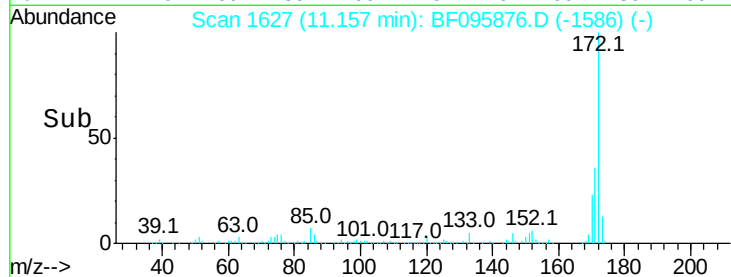
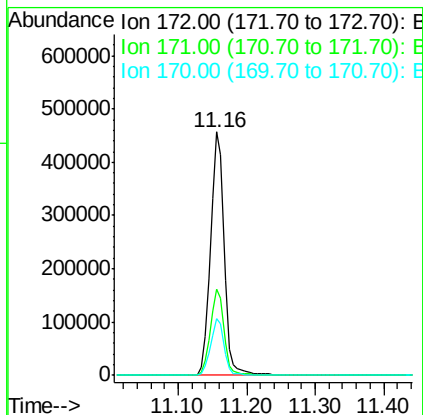
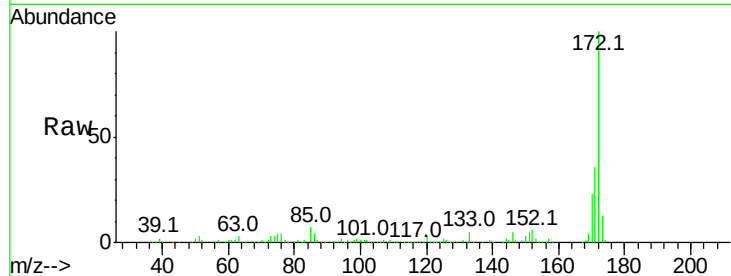




#44
2-Fluorobiphenyl
Concen: 71.59 ng
RT: 11.16 min Scan# 1627
Delta R.T. -0.06 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

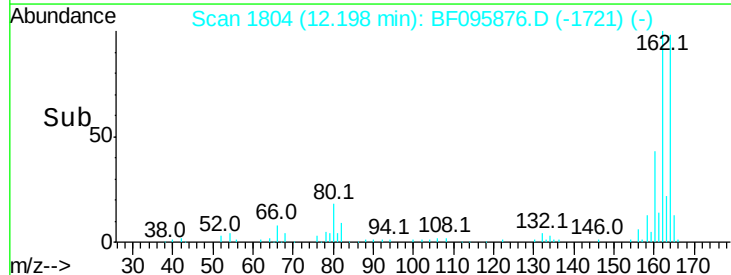
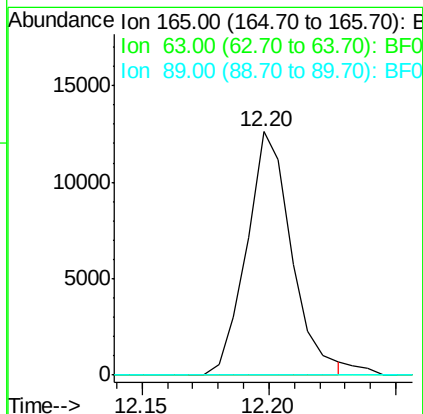
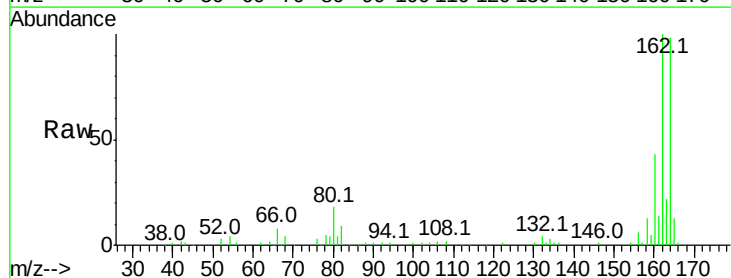
Instrument :
BNA_F
ClientSampleId :

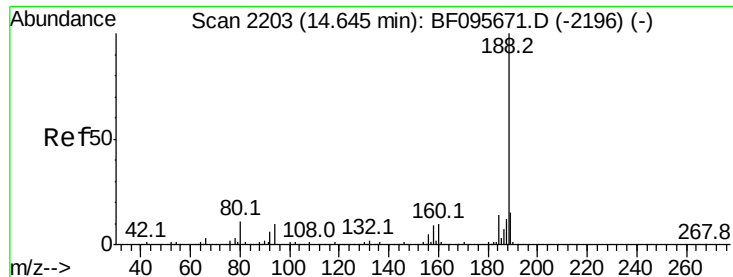
Tot Ion:172 Resp: 631166
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.2 19.8 29.8



#50
2,6-Dinitrotoluene
Concen: 7.67 ng
RT: 12.20 min Scan# 1804
Delta R.T. 0.19 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

Tgt Ion:165 Resp: 15589
Ion Ratio Lower Upper
165 100
63 0.0 34.3 51.5#
89 0.0 37.1 55.7#

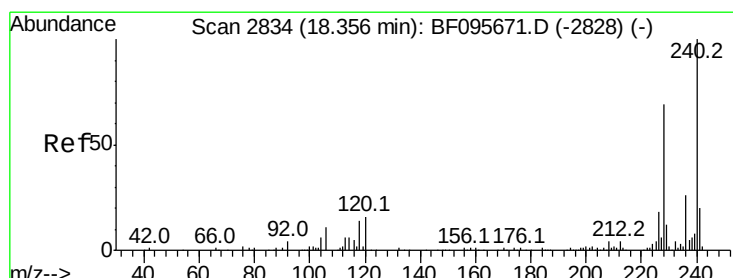
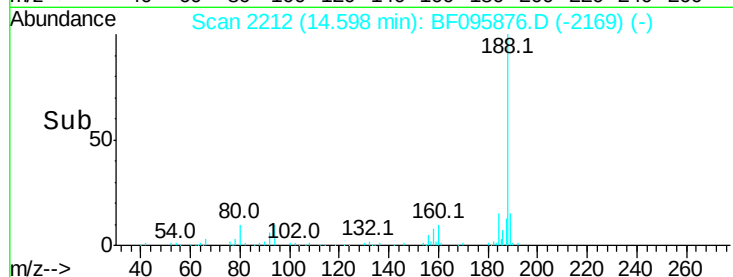
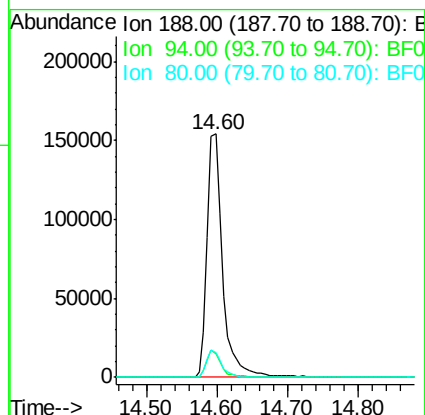
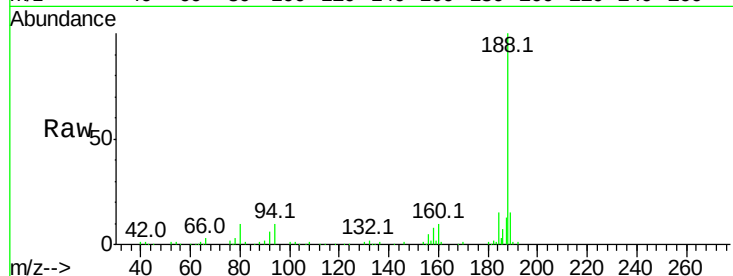




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

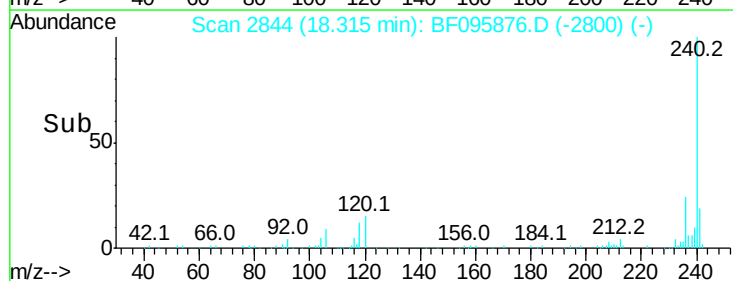
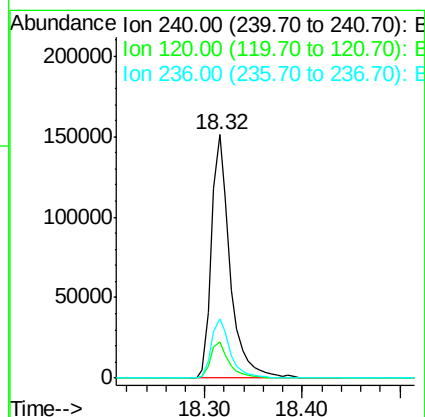
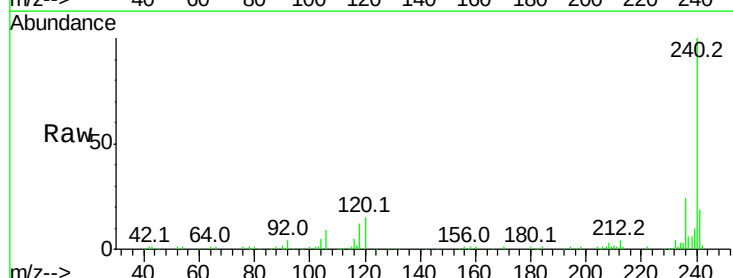
Instrument :
BNA_F
ClientSampleId :

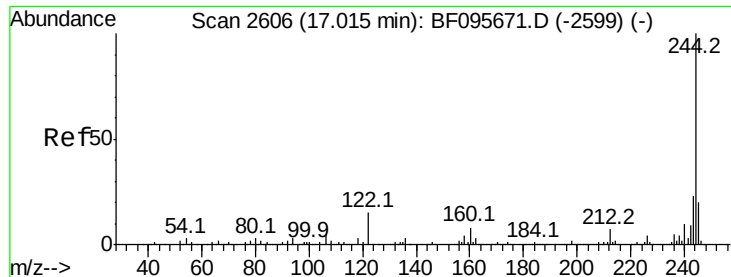
Tot Ion:188 Resp: 238661
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 10.4 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.32 min Scan# 2844
Delta R.T. -0.04 min
Lab File: BF095876.D
Acq: 12 Jun 2017 17:24

Tgt Ion:240 Resp: 199753
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 24.2 20.5 30.7

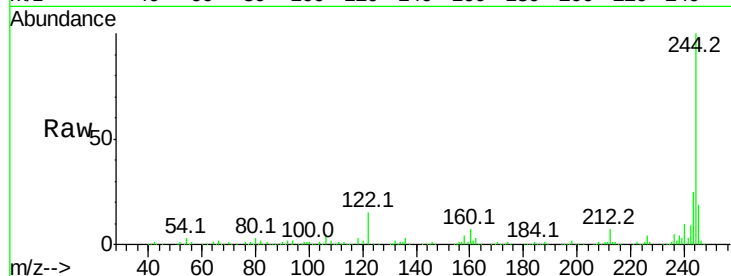




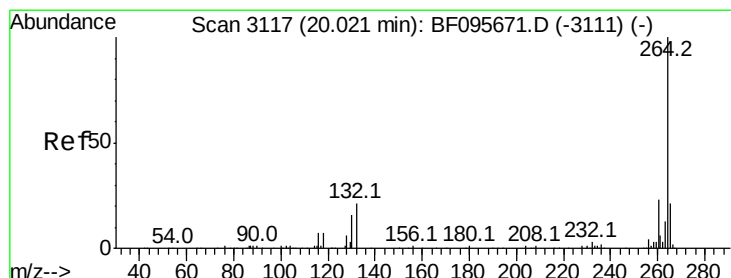
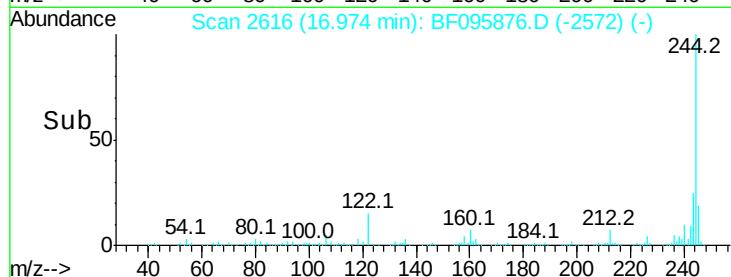
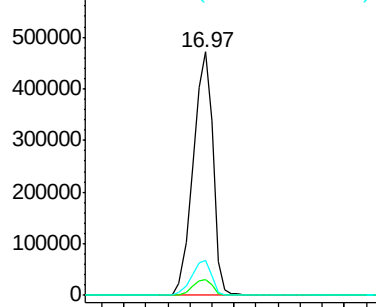
#78
 Terphenyl-d14
 Concen: 73.35 ng
 RT: 16.97 min Scan# 2616
 Delta R.T. -0.04 min
 Lab File: BF095876.D
 Acq: 12 Jun 2017 17:24

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 590413
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.5 10.3 15.5

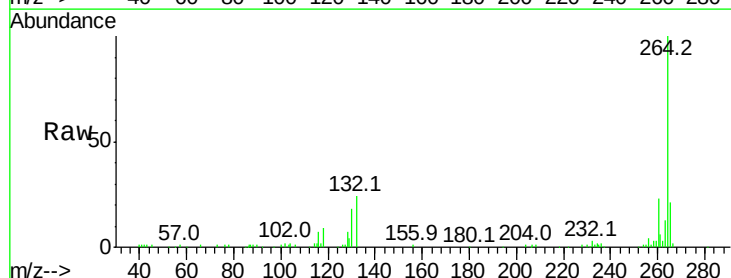


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.99 min Scan# 3128
 Delta R.T. -0.04 min
 Lab File: BF095876.D
 Acq: 12 Jun 2017 17:24

Tgt Ion:264 Resp: 133516
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.5 29.3
 265 20.6 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

