

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061017\
 Data File : BF095854.D
 Acq On : 10 Jun 2017 18:35
 Operator : SJ/MA
 Sample : I3584-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 12 03:50:50 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

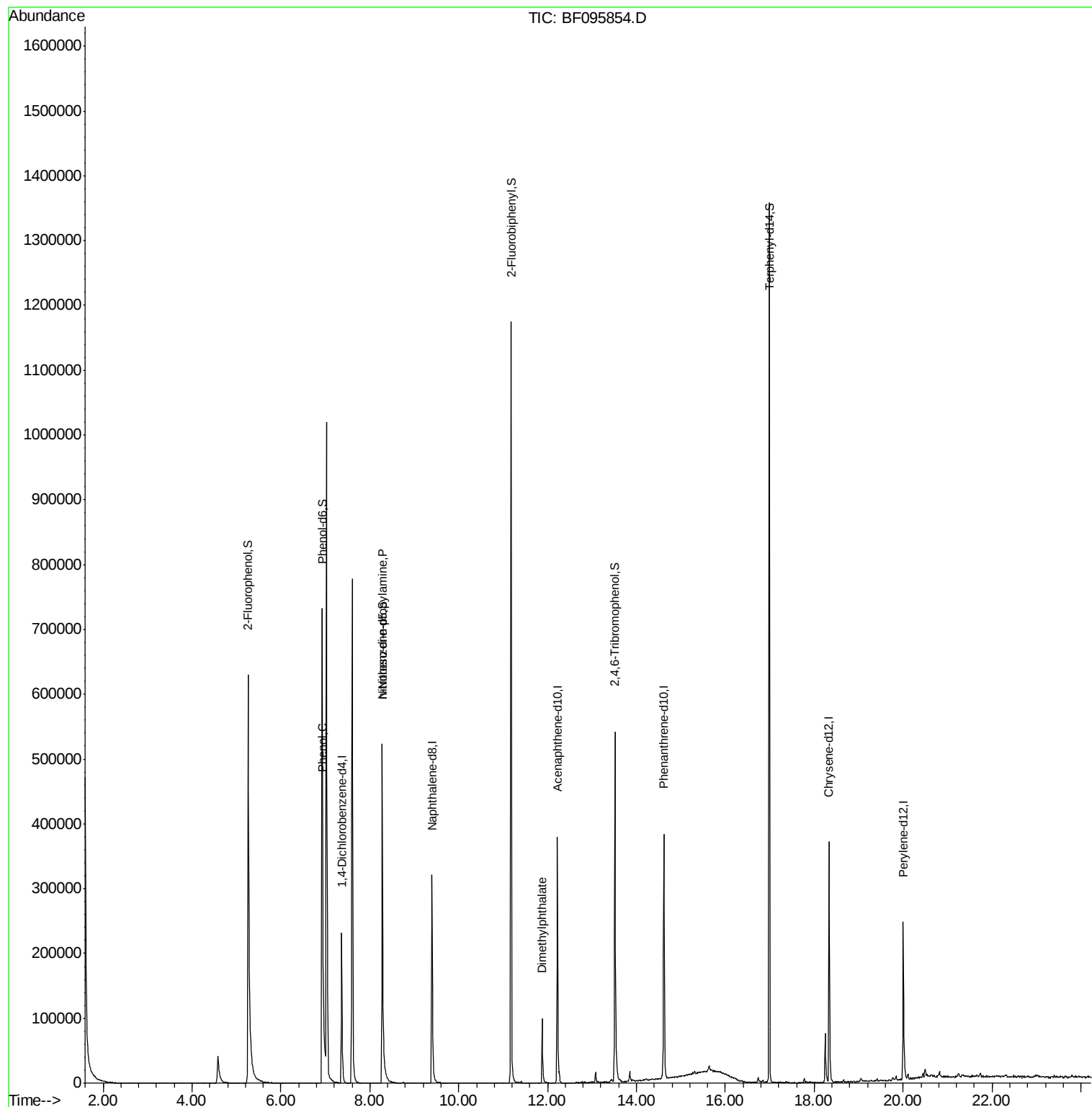
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	61229	20.00	ng	-0.03
21) Naphthalene-d8	9.40	136	248571	20.00	ng	-0.04
38) Acenaphthene-d10	12.22	164	115297	20.00	ng	-0.04
63) Phenanthrene-d10	14.62	188	221748	20.00	ng	-0.03
75) Chrysene-d12	18.33	240	179707	20.00	ng	-0.02
86) Perylene-d12	20.00	264	128691	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	425563	110.75	ng	-0.02
7) Phenol-d6	6.93	99	527657	114.70	ng	-0.03
23) Nitrobenzene-d5	8.28	82	292944	73.19	ng	-0.04
41) 2,4,6-Tribromophenol	13.52	330	101151	99.16	ng	-0.04
44) 2-Fluorobiphenyl	11.18	172	582518	70.31	ng	-0.04
78) Terphenyl-d14	16.99	244	530338	73.24	ng	-0.02
Target Compounds						
10) Phenol	6.94	94	12040	2.52	ng	# 28
19) n-Nitroso-di-n-propylamine	8.28	70	36186	12.41	ng	# 77
49) Dimethylphthalate	11.87	163	74417	8.50	ng	98

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

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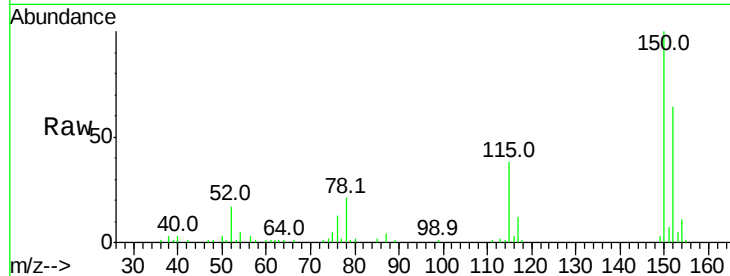


#1

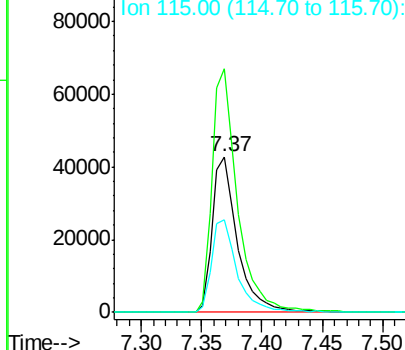
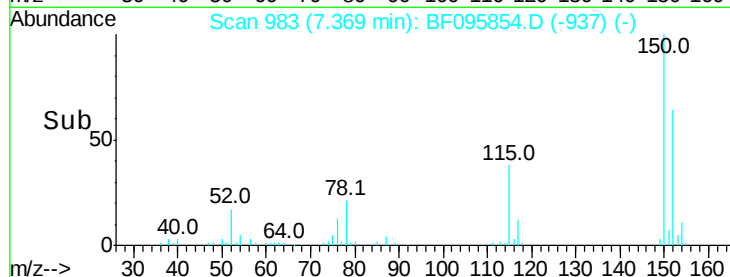
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF095854.D
Acq: 10 Jun 2017 18:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61229
Ion Ratio Lower Upper
152 100
150 156.4 126.2 189.2
115 59.5 52.2 78.2



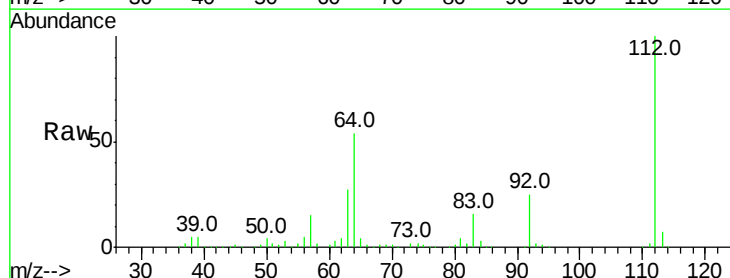
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



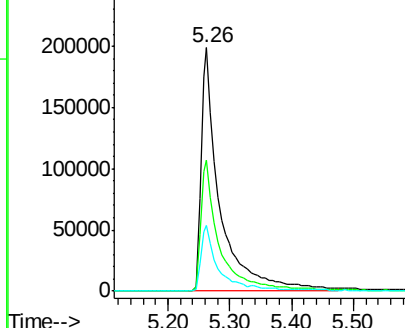
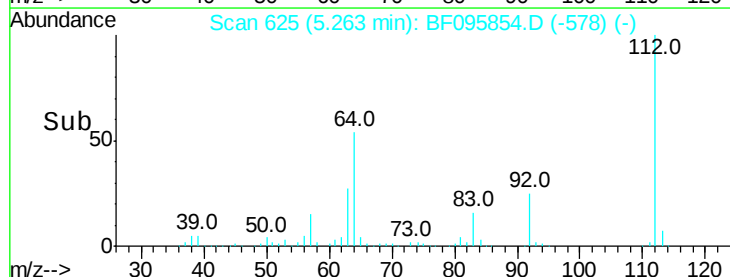
#5

2-Fluorophenol
Concen: 110.75 ng
RT: 5.26 min Scan# 625
Delta R.T. -0.02 min
Lab File: BF095854.D
Acq: 10 Jun 2017 18:35

Tgt Ion:112 Resp: 425563
Ion Ratio Lower Upper
112 100
64 54.0 46.0 69.0
63 26.8 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: 114.70 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Instrument :

BNA_F

ClientSampleId :

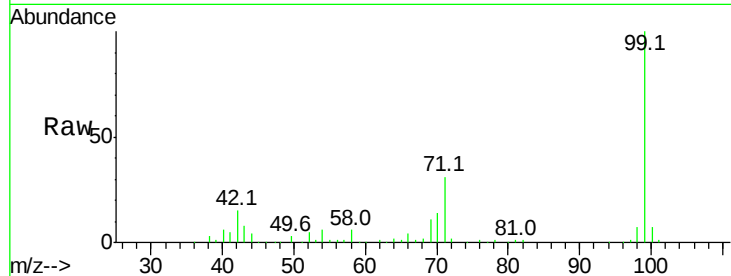
Tot Ion: 99 Resp: 527657

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

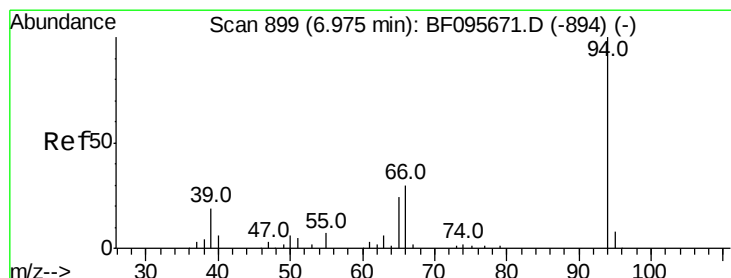
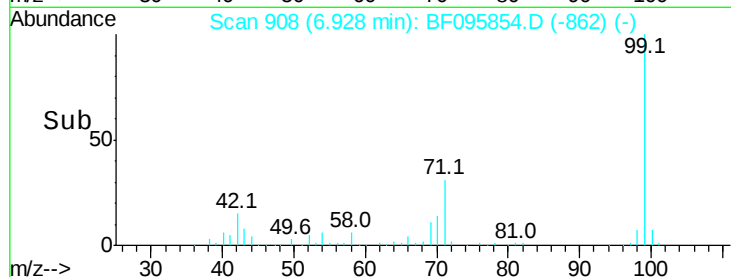
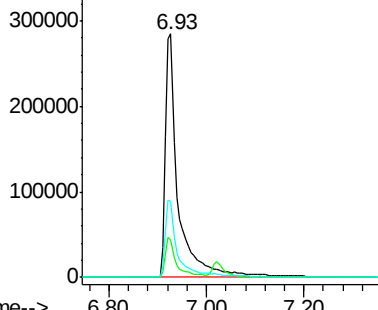
71 31.3 24.5 36.7



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



#10

Phenol

Concen: 2.52 ng

RT: 6.94 min Scan# 910

Delta R.T. -0.04 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

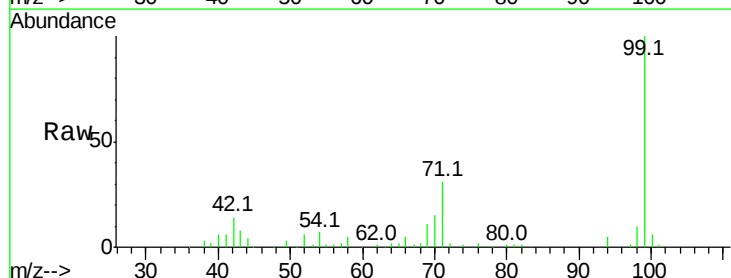
Tgt Ion: 94 Resp: 12040

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

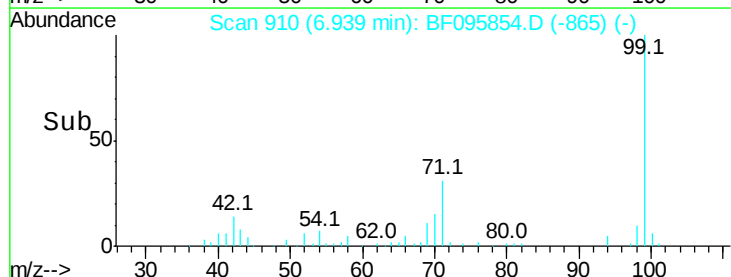
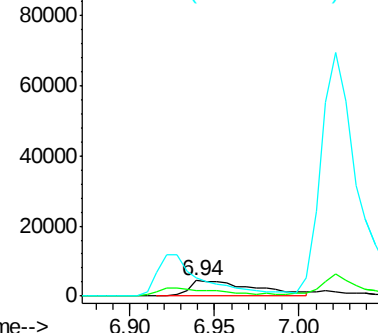
66 118.1 23.1 63.1#

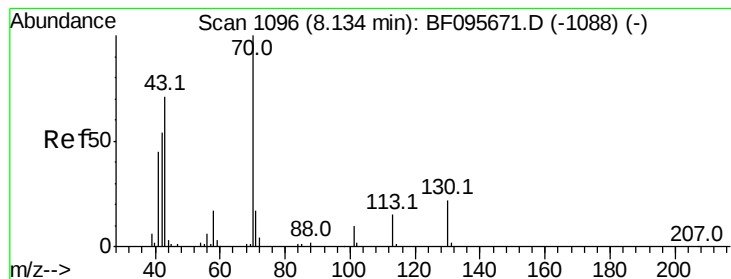


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 12.41 ng

RT: 8.28 min Scan# 1138

Delta R.T. 0.15 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 36186

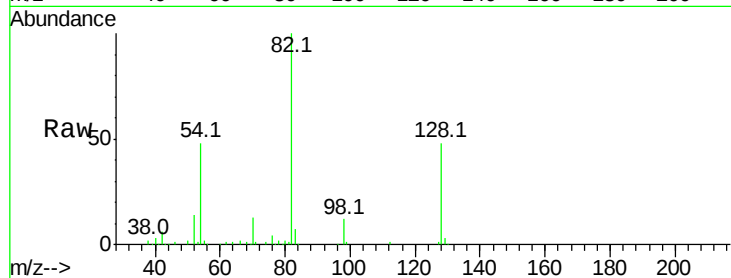
Ion Ratio Lower Upper

70 100

42 45.7 47.2 70.8#

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

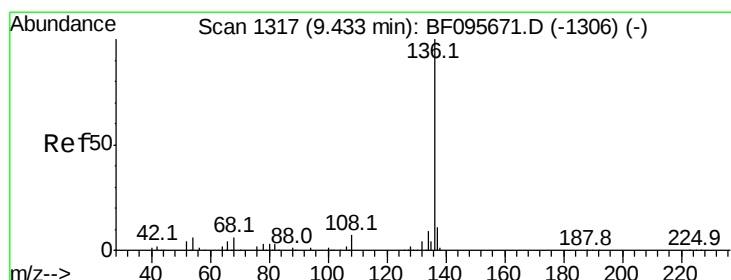
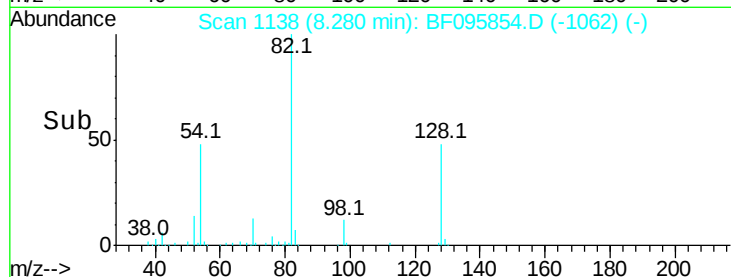
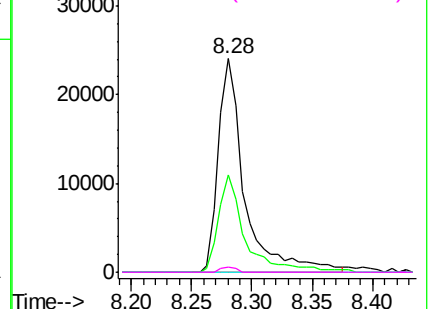


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.40 min Scan# 1328

Delta R.T. -0.04 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Tgt Ion: 136 Resp: 248571

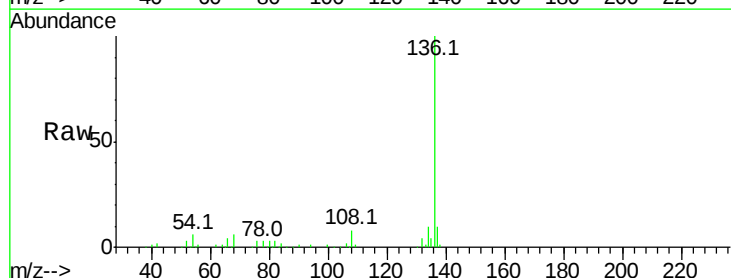
Ion Ratio Lower Upper

136 100

137 10.2 8.5 12.7

54 6.4 4.9 7.3

68 5.8 4.1 6.1

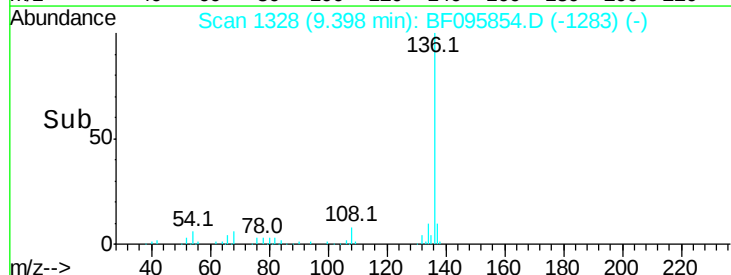
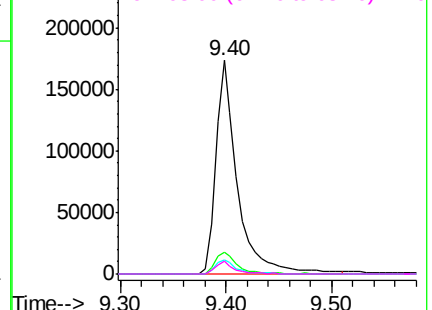


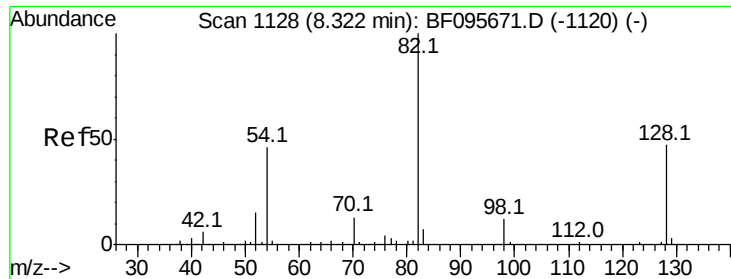
Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.19 ng

RT: 8.28 min Scan# 1138

Delta R.T. -0.04 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Instrument :

BNA_F

ClientSampled :

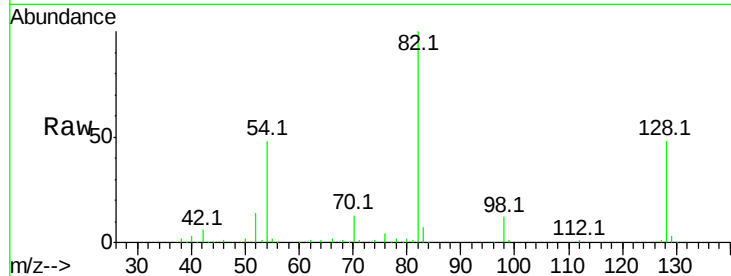
Tot Ion: 82 Resp: 292944

Ion Ratio Lower Upper

82 100

128 47.7 34.0 51.0

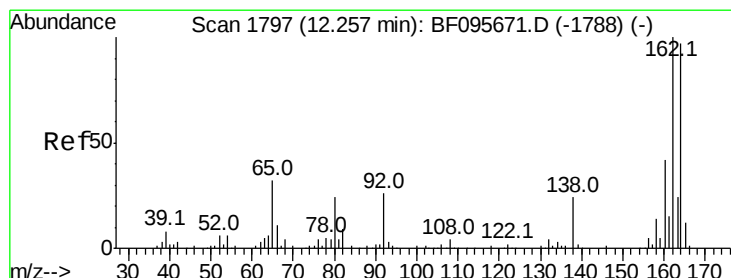
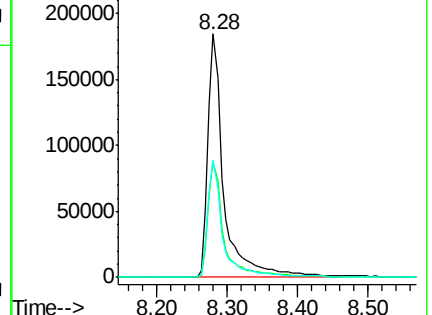
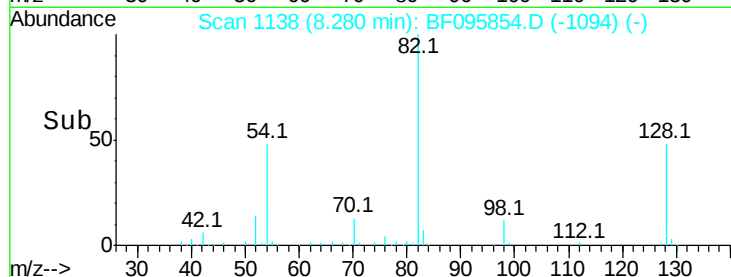
54 47.8 42.2 63.2



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: 12.22 min Scan# 1808

Delta R.T. -0.04 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

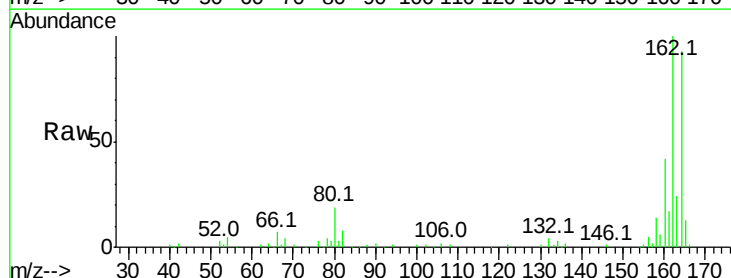
Tgt Ion:164 Resp: 115297

Ion Ratio Lower Upper

164 100

162 107.3 82.6 123.8

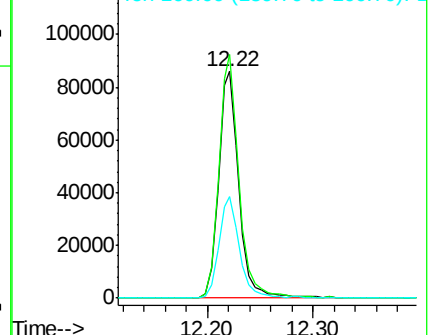
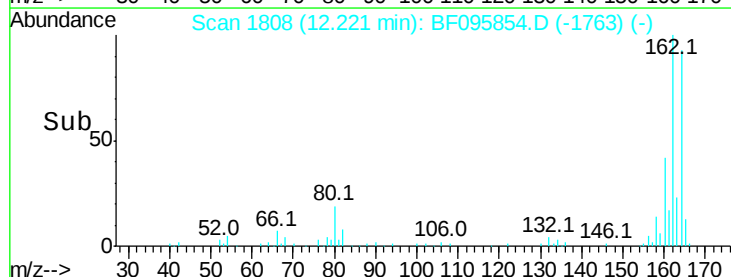
160 44.9 36.2 54.2



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

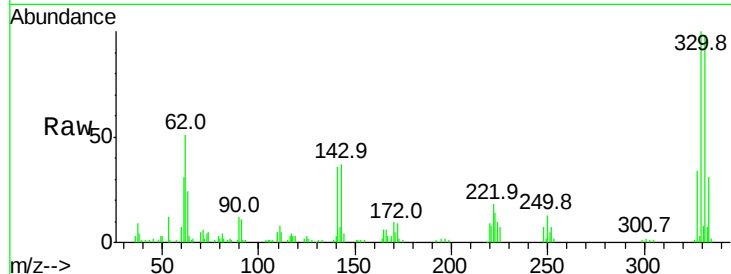




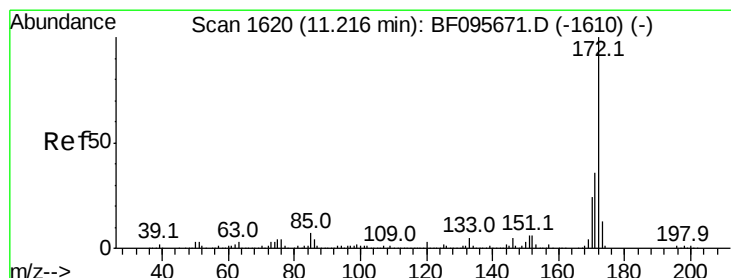
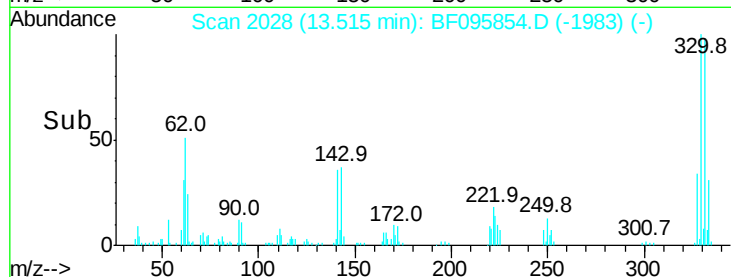
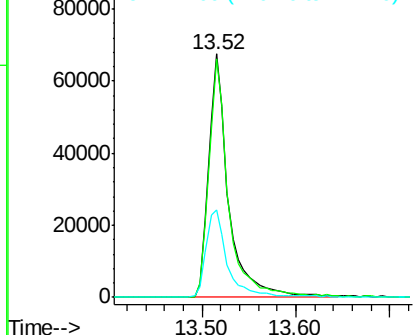
#41
 2,4,6-Tribromophenol
 Concen: 99.16 ng
 RT: 13.52 min Scan# 2028
 Delta R.T. -0.04 min
 Lab File: BF095854.D
 Acq: 10 Jun 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 101151
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 115.0
 141 38.3 31.4 47.2

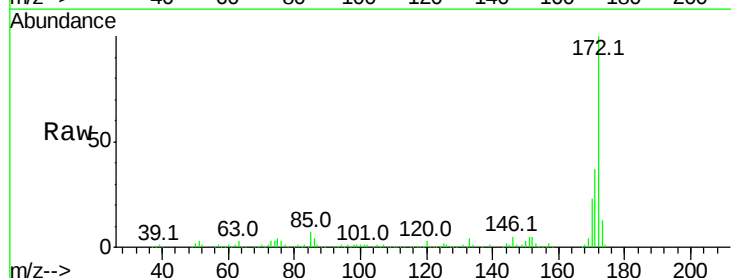


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

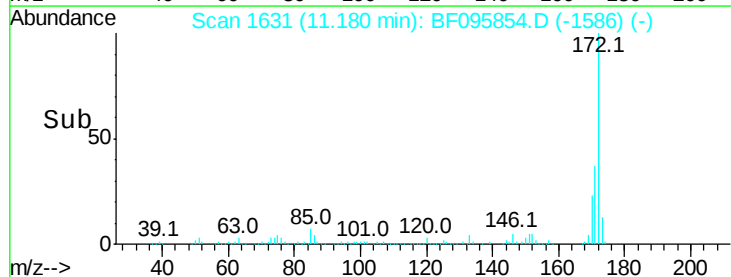
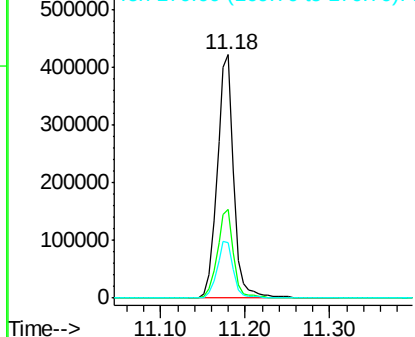


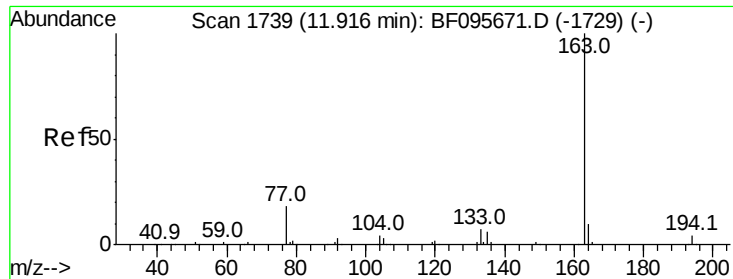
#44
 2-Fluorobiphenyl
 Concen: 70.31 ng
 RT: 11.18 min Scan# 1631
 Delta R.T. -0.04 min
 Lab File: BF095854.D
 Acq: 10 Jun 2017 18:35

Tgt Ion:172 Resp: 582518
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 22.9 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.50 ng

RT: 11.87 min Scan# 1749

Delta R.T. -0.04 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Instrument :

BNA_F

ClientSampleId :

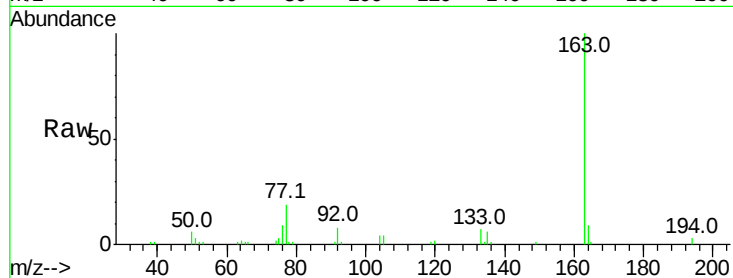
Tot Ion:163 Resp: 74417

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

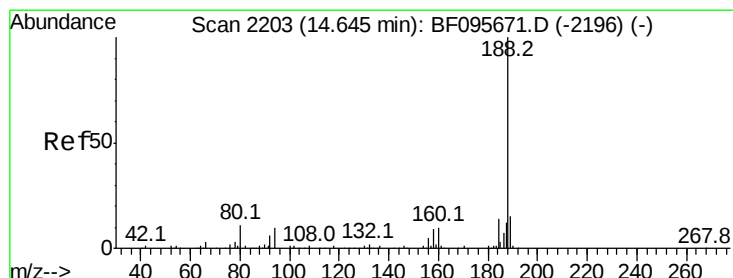
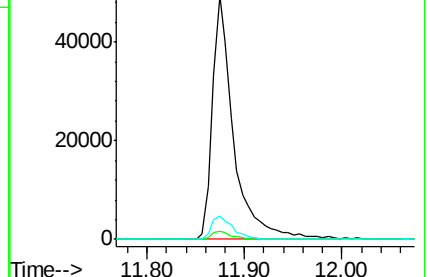
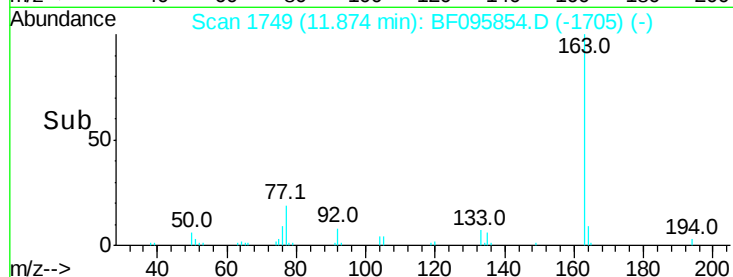
164 9.4 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.62 min Scan# 2215

Delta R.T. -0.03 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

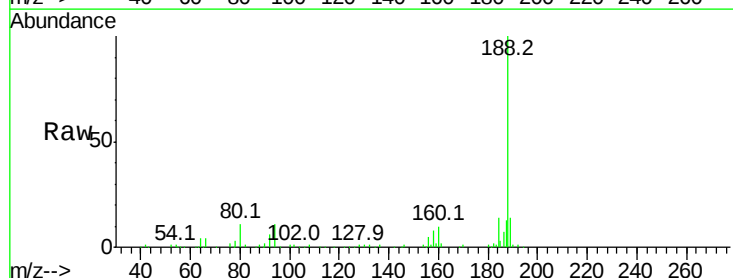
Tgt Ion:188 Resp: 221748

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

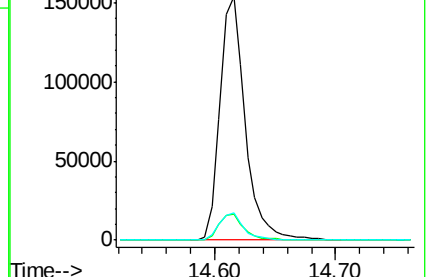
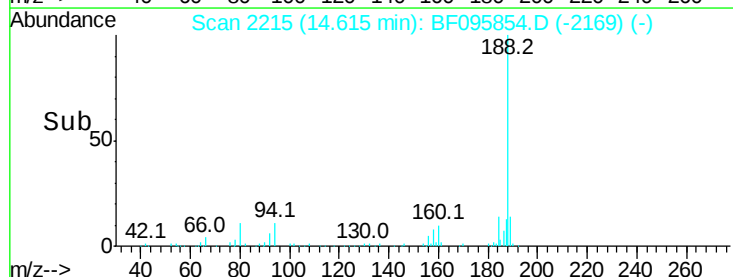
80 11.1 10.2 15.2



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: 18.33 min Scan# 2847

Delta R.T. -0.02 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

Instrument :

BNA_F

ClientSampleId :

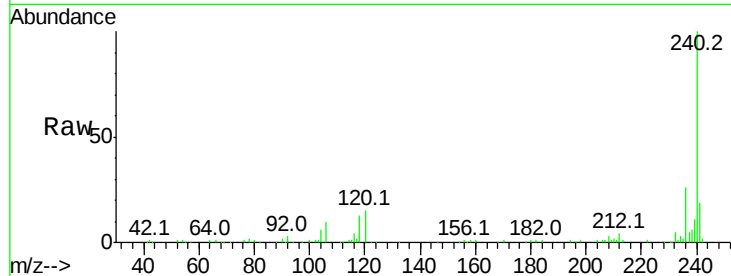
Tot Ion:240 Resp: 179707

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

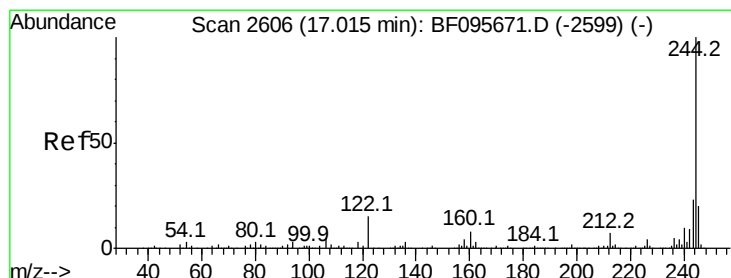
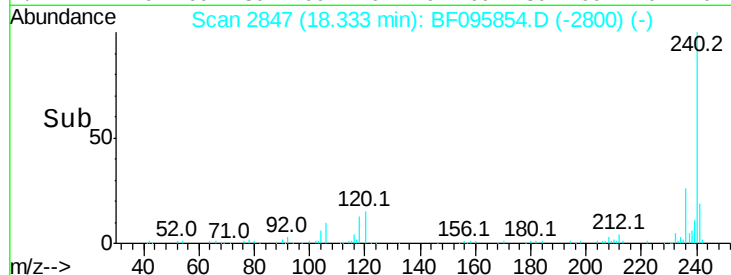
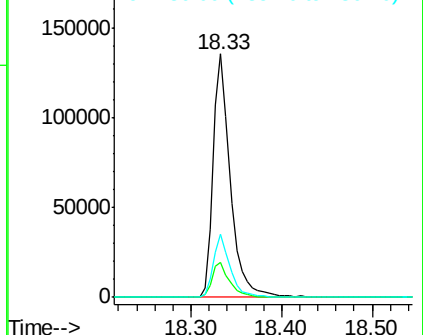
236 25.9 20.5 30.7



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: 73.24 ng

RT: 16.99 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF095854.D

Acq: 10 Jun 2017 18:35

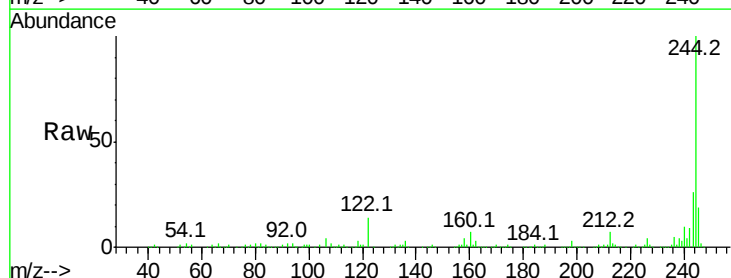
Tgt Ion:244 Resp: 530338

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

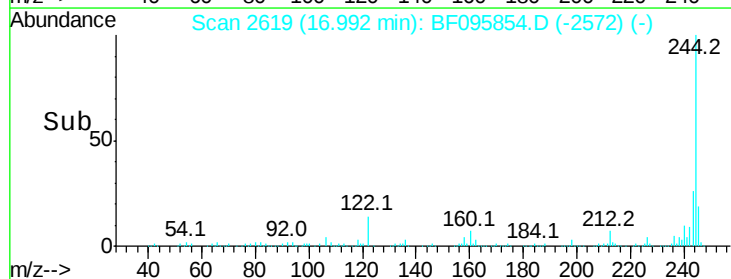
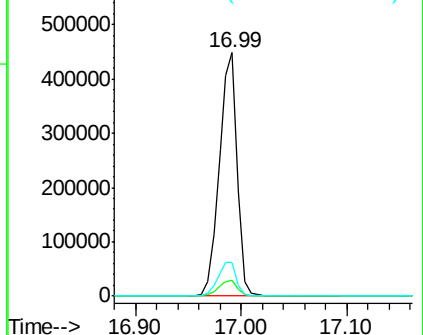
122 13.8 10.3 15.5

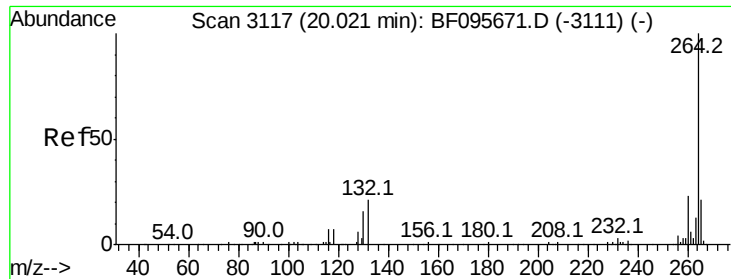


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

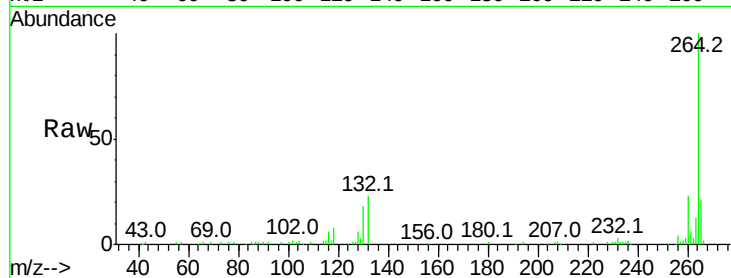




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.00 min Scan# 3131
 Delta R.T. -0.02 min
 Lab File: BF095854.D
 Acq: 10 Jun 2017 18:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.4	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

