

Data Path : Z:\HPCHEM1\BNA F\Data\BF051817\
 Data File : BF095254.D
 Acq On : 19 May 2017 8:53
 Operator : SJ/MA
 Sample : I3140-18RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 19 11:37:04 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

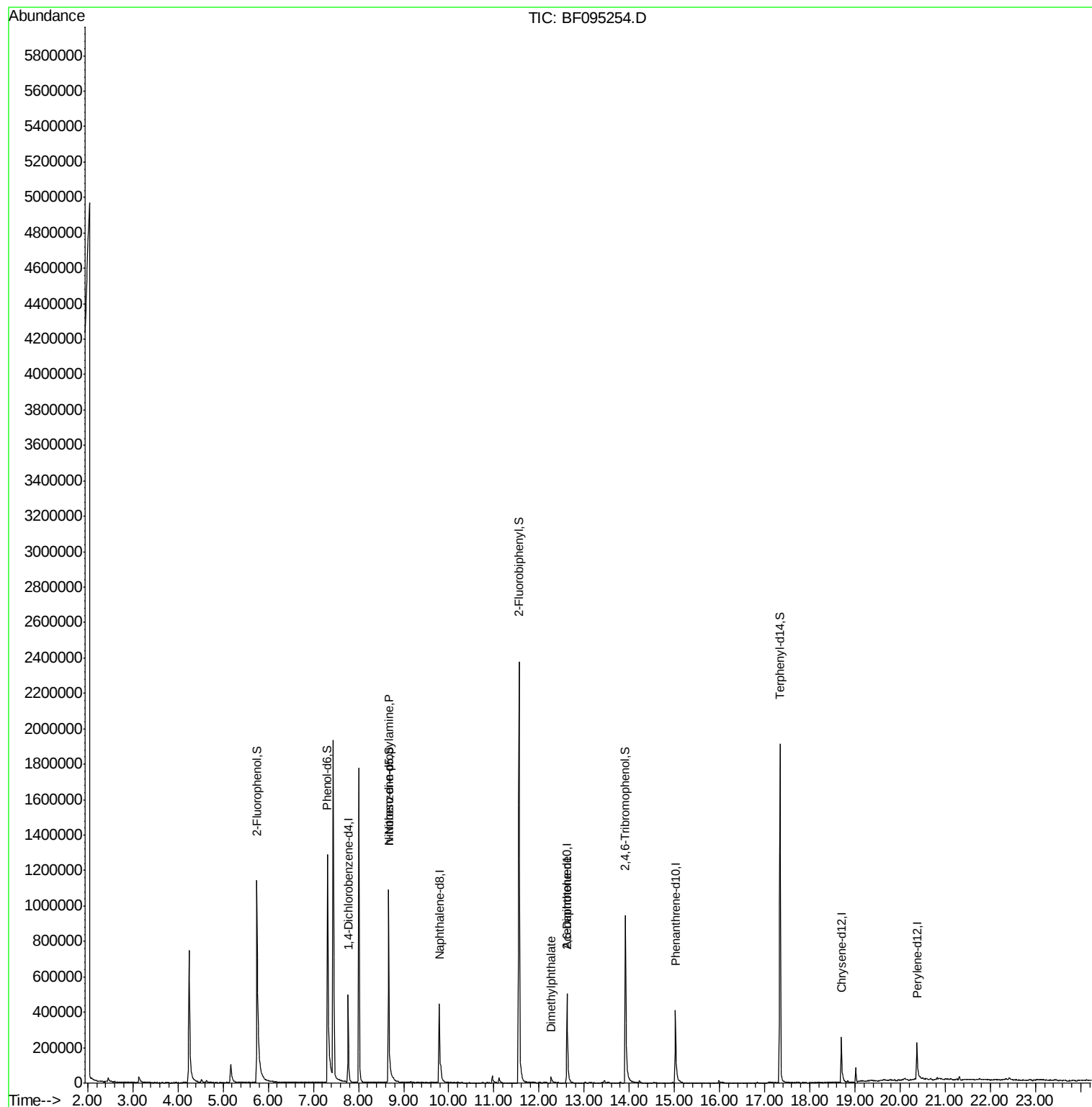
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	108252	20.00	ng	0.00
21) Naphthalene-d8	9.79	136	409615	20.00	ng	0.00
38) Acenaphthene-d10	12.62	164	182952	20.00	ng	0.00
63) Phenanthrene-d10	15.02	188	298905	20.00	ng	0.00
75) Chrysene-d12	18.69	240	158326	20.00	ng	0.00
86) Perylene-d12	20.37	264	120657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	781460	120.35	ng	0.01
7) Phenol-d6	7.31	99	939774	120.63	ng	0.00
23) Nitrobenzene-d5	8.67	82	588103	90.54	ng	0.00
41) 2,4,6-Tribromophenol	13.92	330	205155	136.92	ng	0.00
44) 2-Fluorobiphenyl	11.56	172	1267083	99.69	ng	0.00
78) Terphenyl-d14	17.34	244	820254	114.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.67	70	71684	13.61	ng	# 77
49) Dimethylphthalate	12.27	163	33761	2.25	ng	# 96
50) 2,6-Dinitrotoluene	12.62	165	19746	6.44	ng	# 31

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

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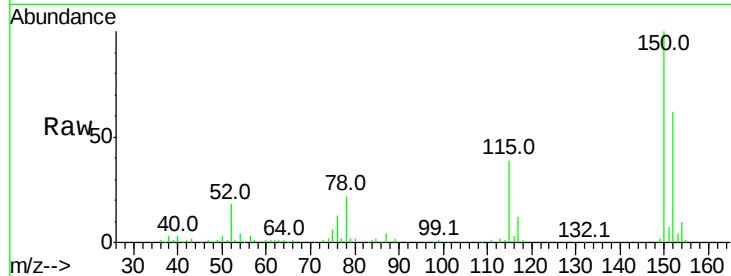


#1

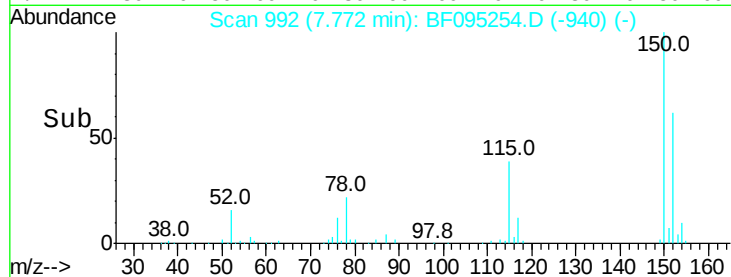
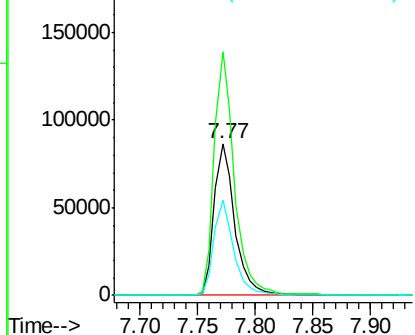
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.77 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 108252
Ion Ratio Lower Upper
152 100
150 160.3 126.2 189.2
115 62.5 52.2 78.2



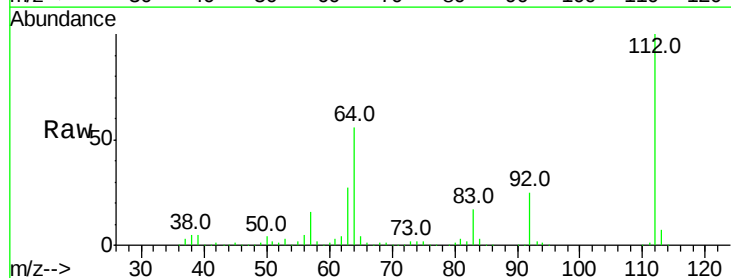
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



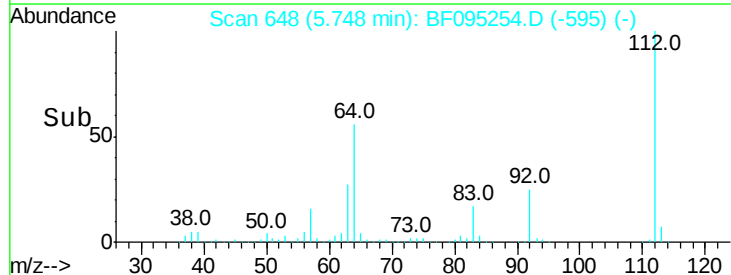
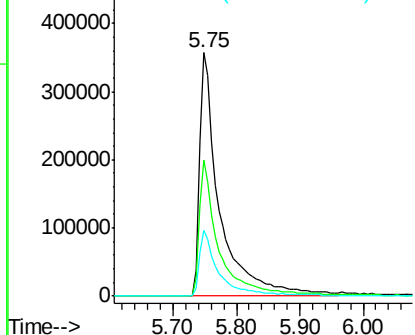
#5

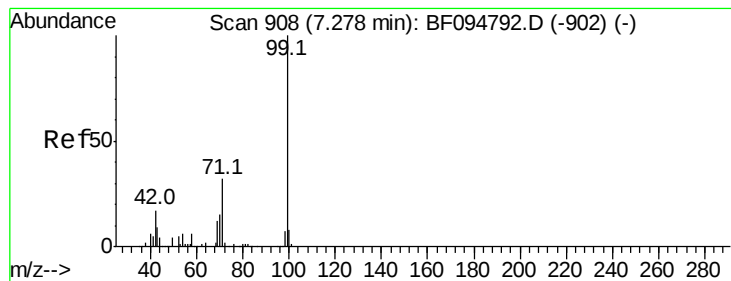
2-Fluorophenol
Concen: 120.35 ng
RT: 5.75 min Scan# 648
Delta R.T. 0.01 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

Tgt Ion:112 Resp: 781460
Ion Ratio Lower Upper
112 100
64 55.9 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: 120.63 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

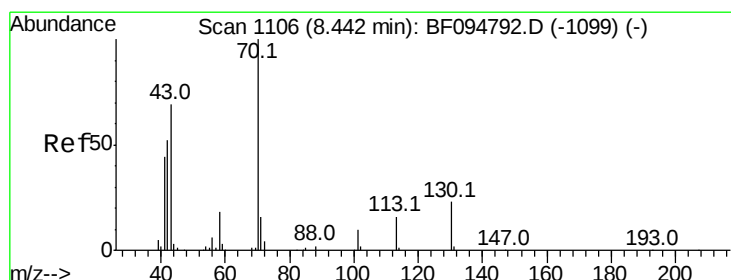
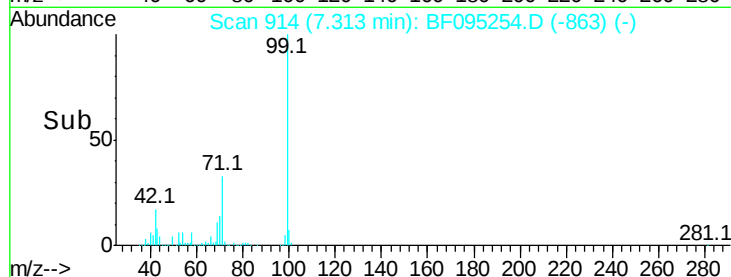
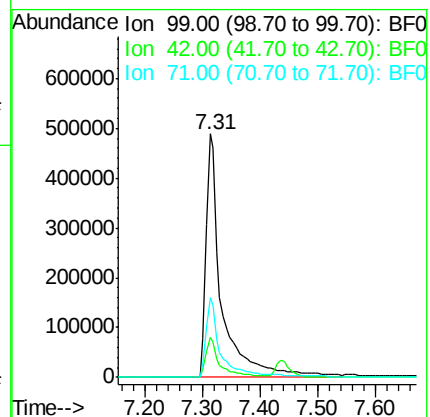
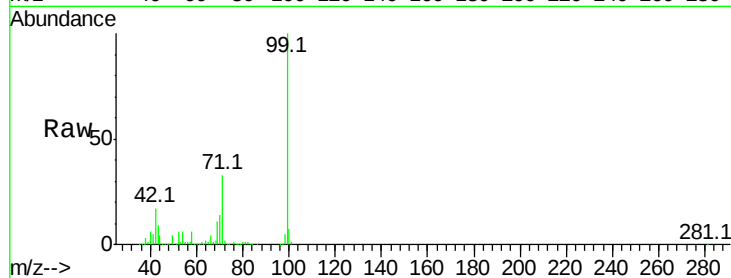
Tot Ion: 99 Resp: 939774

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

71 33.0 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 13.61 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.19 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Tgt Ion: 70 Resp: 71684

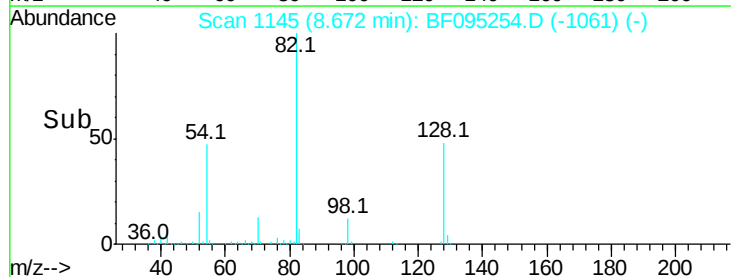
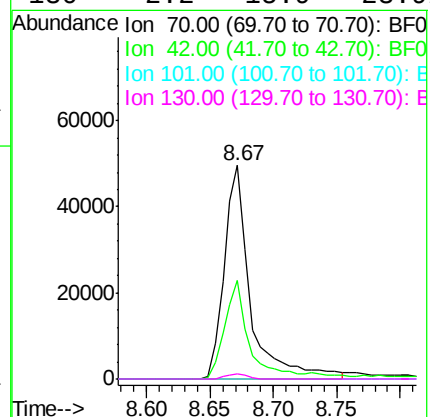
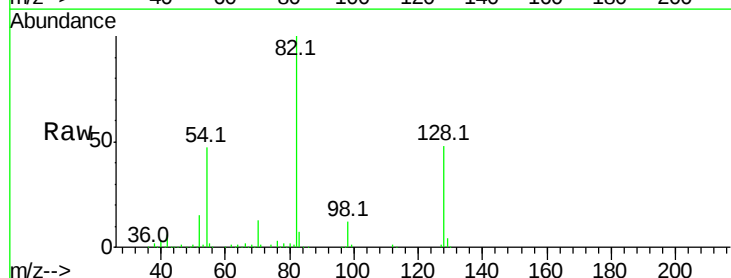
Ion Ratio Lower Upper

70 100

42 46.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 409615

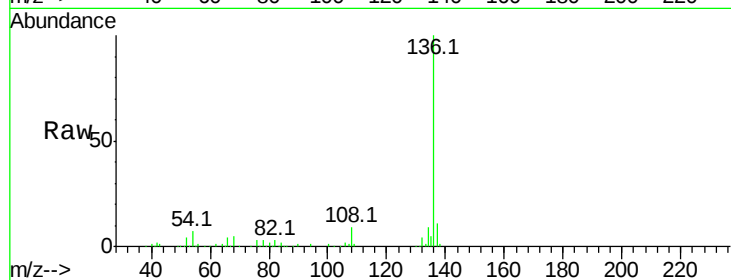
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.5 4.9 7.3

68 5.3 4.1 6.1

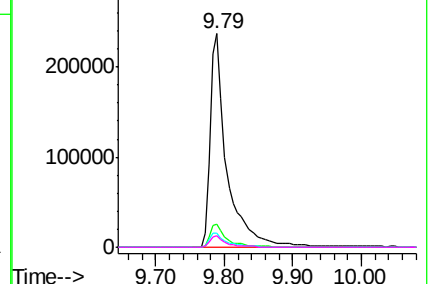
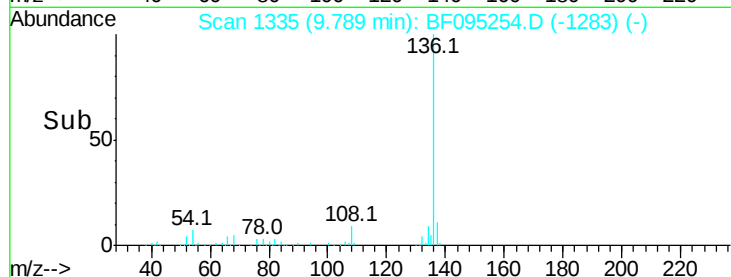


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.54 ng

RT: 8.67 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

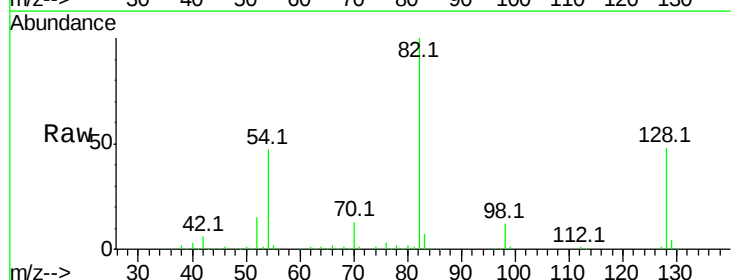
Tgt Ion: 82 Resp: 588103

Ion Ratio Lower Upper

82 100

128 48.2 34.0 51.0

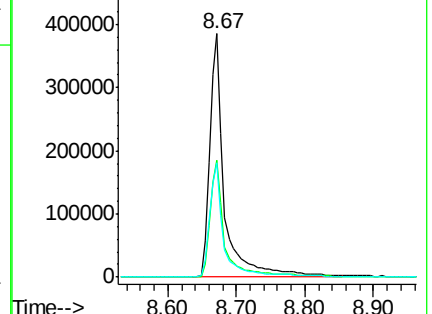
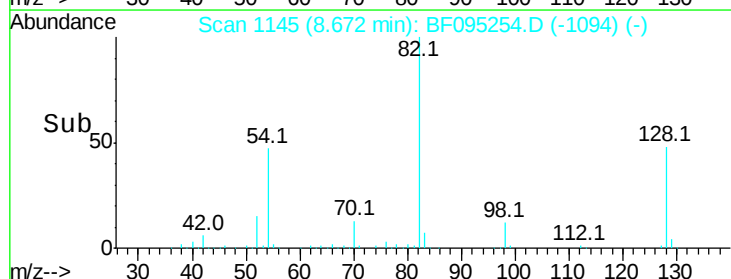
54 46.7 42.2 63.2

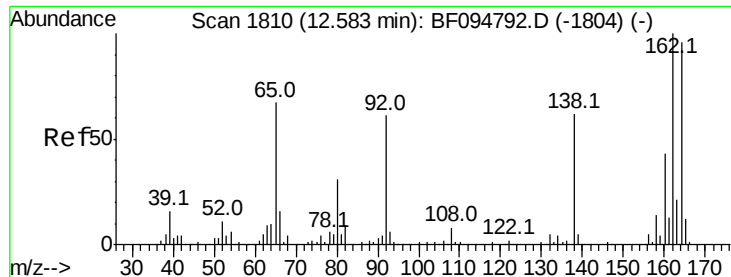


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.62 min Scan# 1816

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

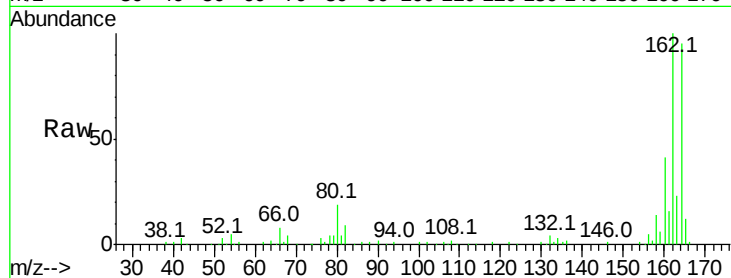
Tot Ion:164 Resp: 182952

Ion Ratio Lower Upper

164 100

162 105.6 82.6 123.8

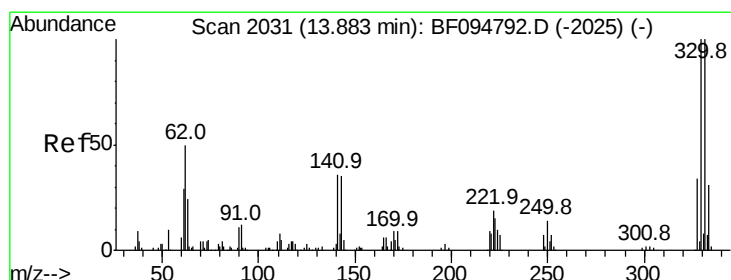
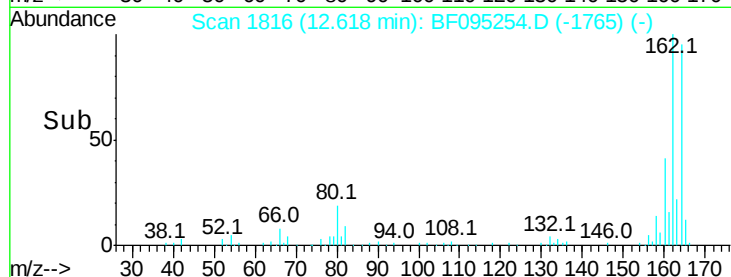
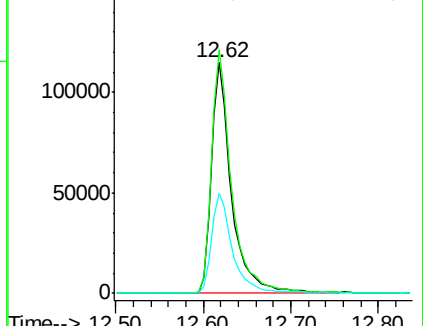
160 43.3 36.2 54.2



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: 136.92 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

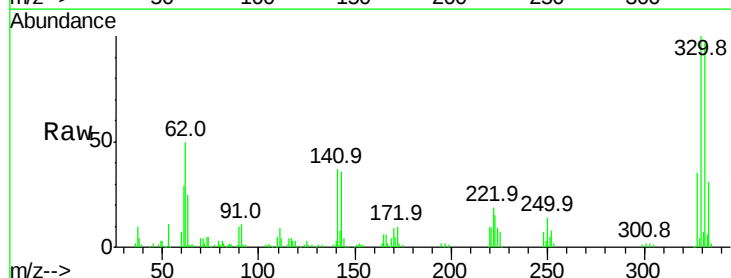
Tgt Ion:330 Resp: 205155

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

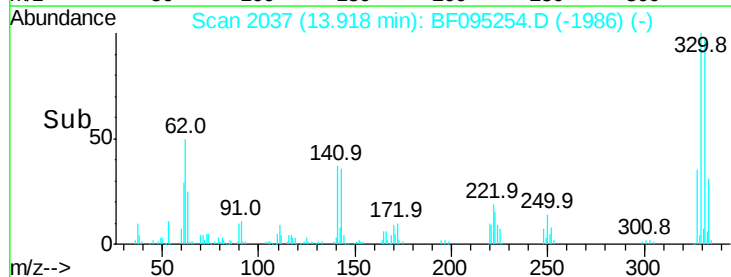
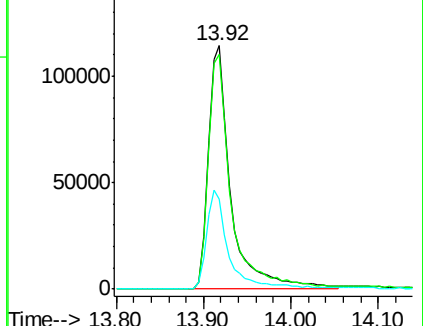
141 40.9 31.4 47.2

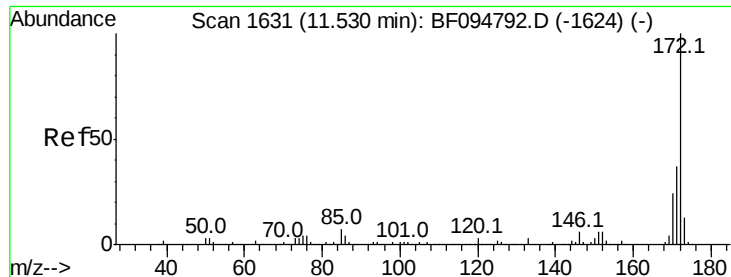


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

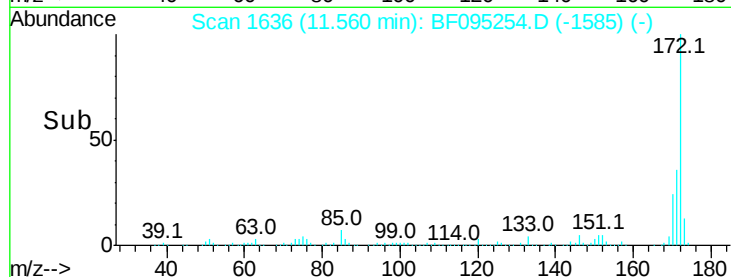
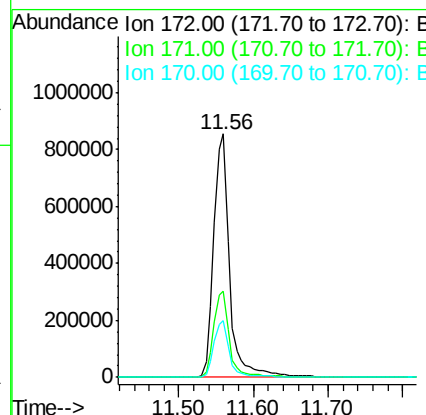
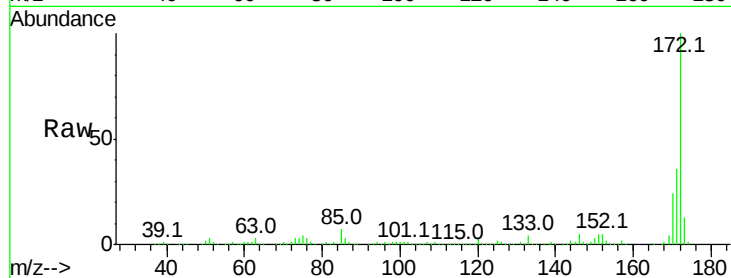




#44
2-Fluorobiphenyl
Concen: 99.69 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

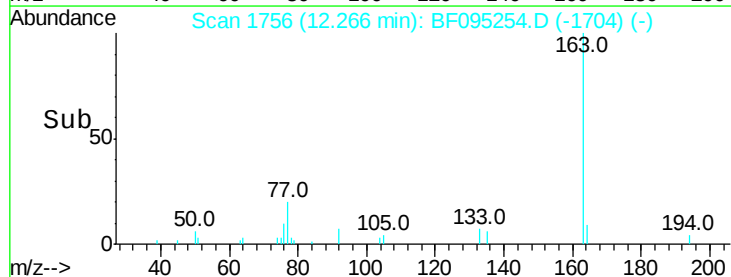
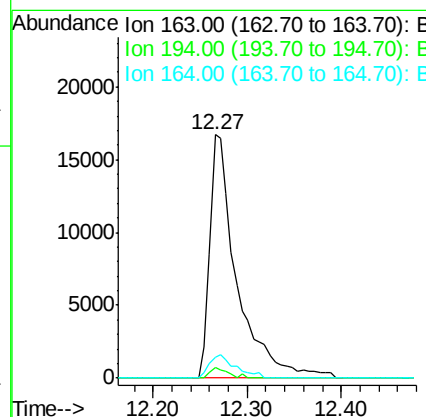
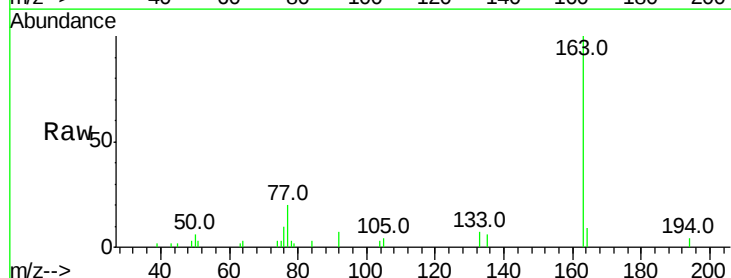
Instrument :
BNA_F
ClientSampleId :

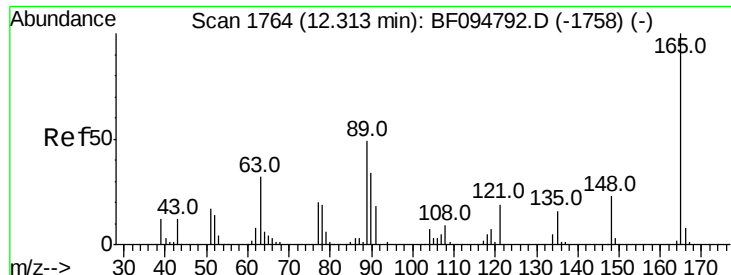
Tot Ion:172 Resp: 1267083
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 2.25 ng
RT: 12.27 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BF095254.D
Acq: 19 May 2017 8:53

Tgt Ion:163 Resp: 33761
Ion Ratio Lower Upper
163 100
194 4.3 2.6 4.0#
164 8.8 8.4 12.6

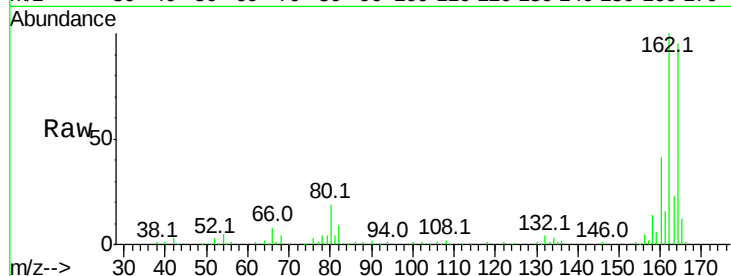




#50
 2,6-Dinitrotoluene
 Concen: 6.44 ng
 RT: 12.62 min Scan# 1816
 Delta R.T. 0.26 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :

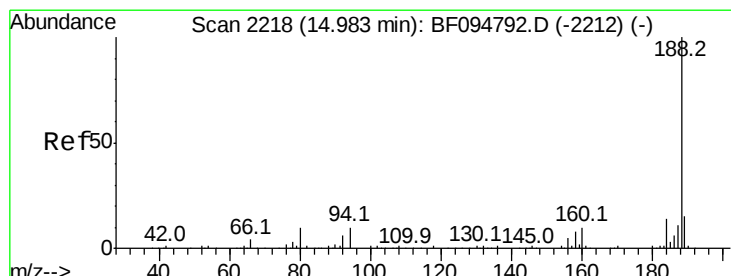
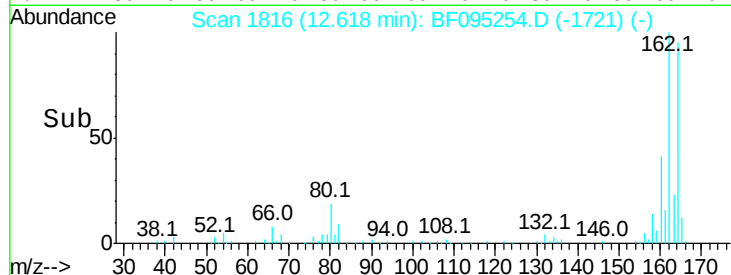
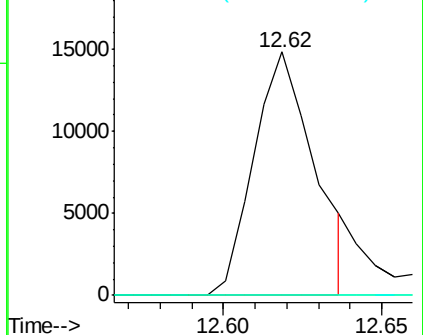
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

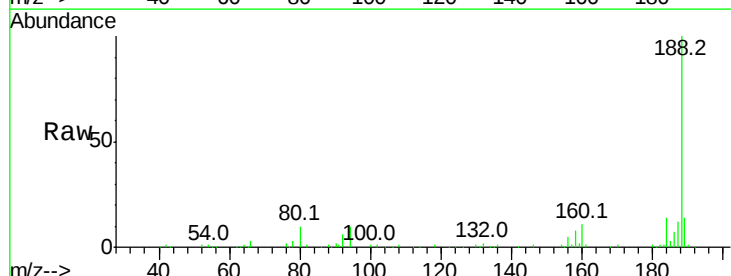
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 2225
 Delta R.T. 0.00 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

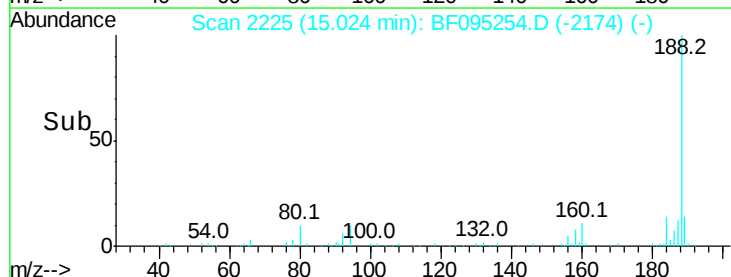
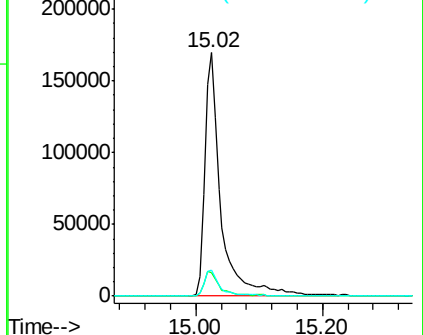
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	9.4	14.2
80	10.5	10.2	15.2

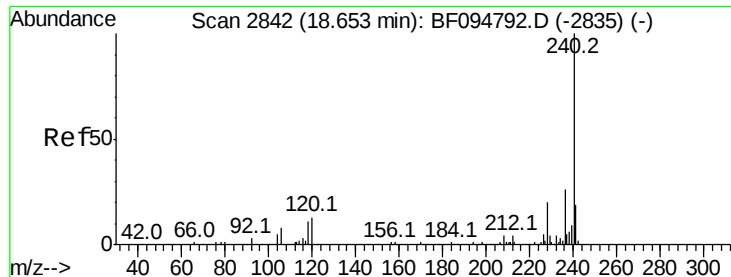


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.69 min Scan# 2849

Delta R.T. 0.00 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

Instrument :

BNA_F

ClientSampleId :

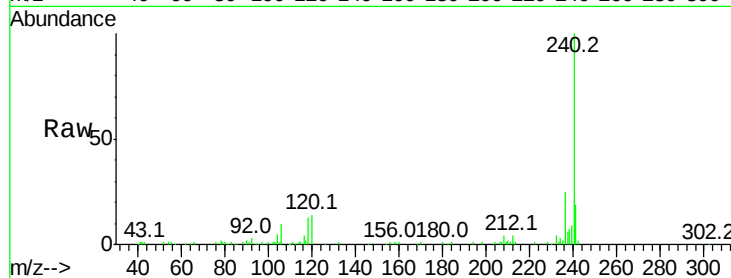
Tot Ion:240 Resp: 158326

Ion Ratio Lower Upper

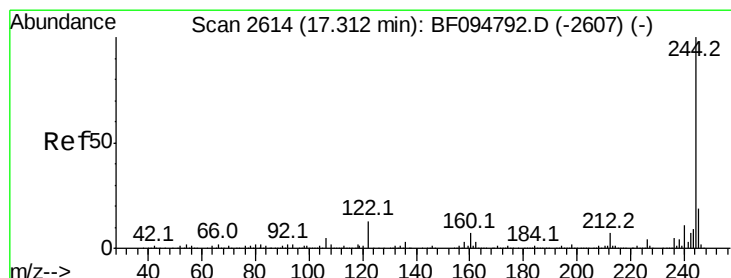
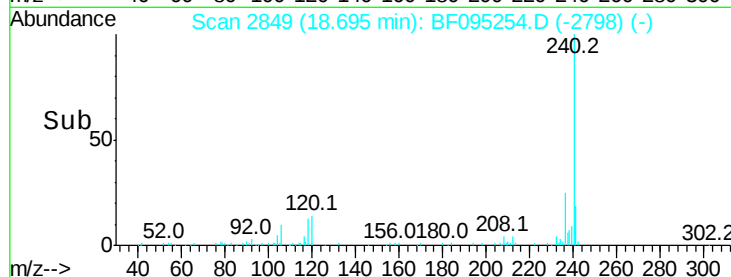
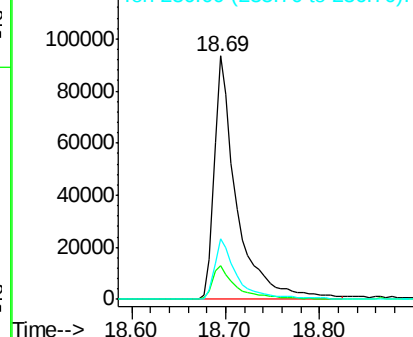
240 100

120 13.7 5.8 8.8#

236 24.6 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: 114.11 ng

RT: 17.34 min Scan# 2619

Delta R.T. -0.01 min

Lab File: BF095254.D

Acq: 19 May 2017 8:53

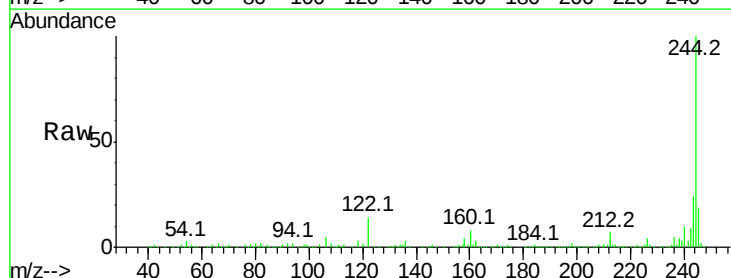
Tgt Ion:244 Resp: 820254

Ion Ratio Lower Upper

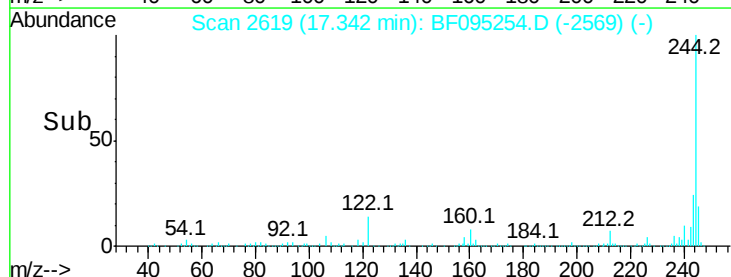
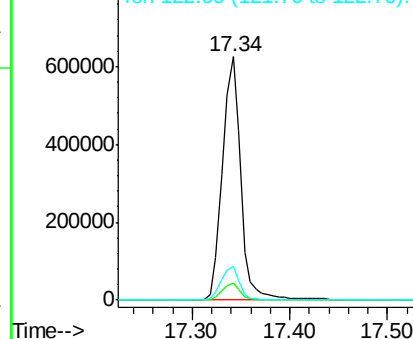
244 100

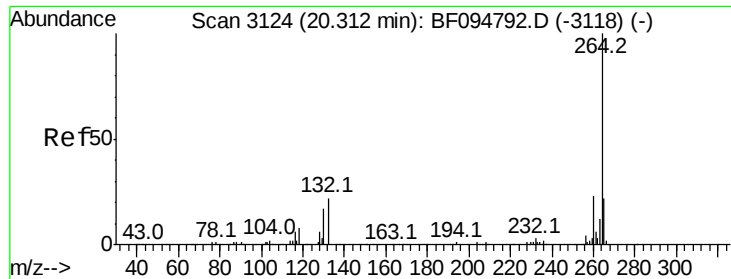
212 7.0 6.0 9.0

122 13.7 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

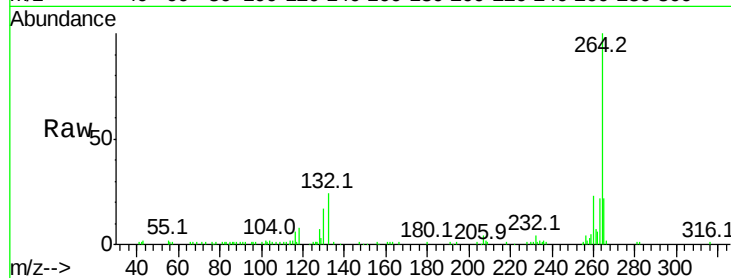




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3134
 Delta R.T. 0.01 min
 Lab File: BF095254.D
 Acq: 19 May 2017 8:53

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	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

