

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095031.D
 Acq On : 9 May 2017 20:07
 Operator : SJ/MA
 Sample : I3014-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 10 01:15:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

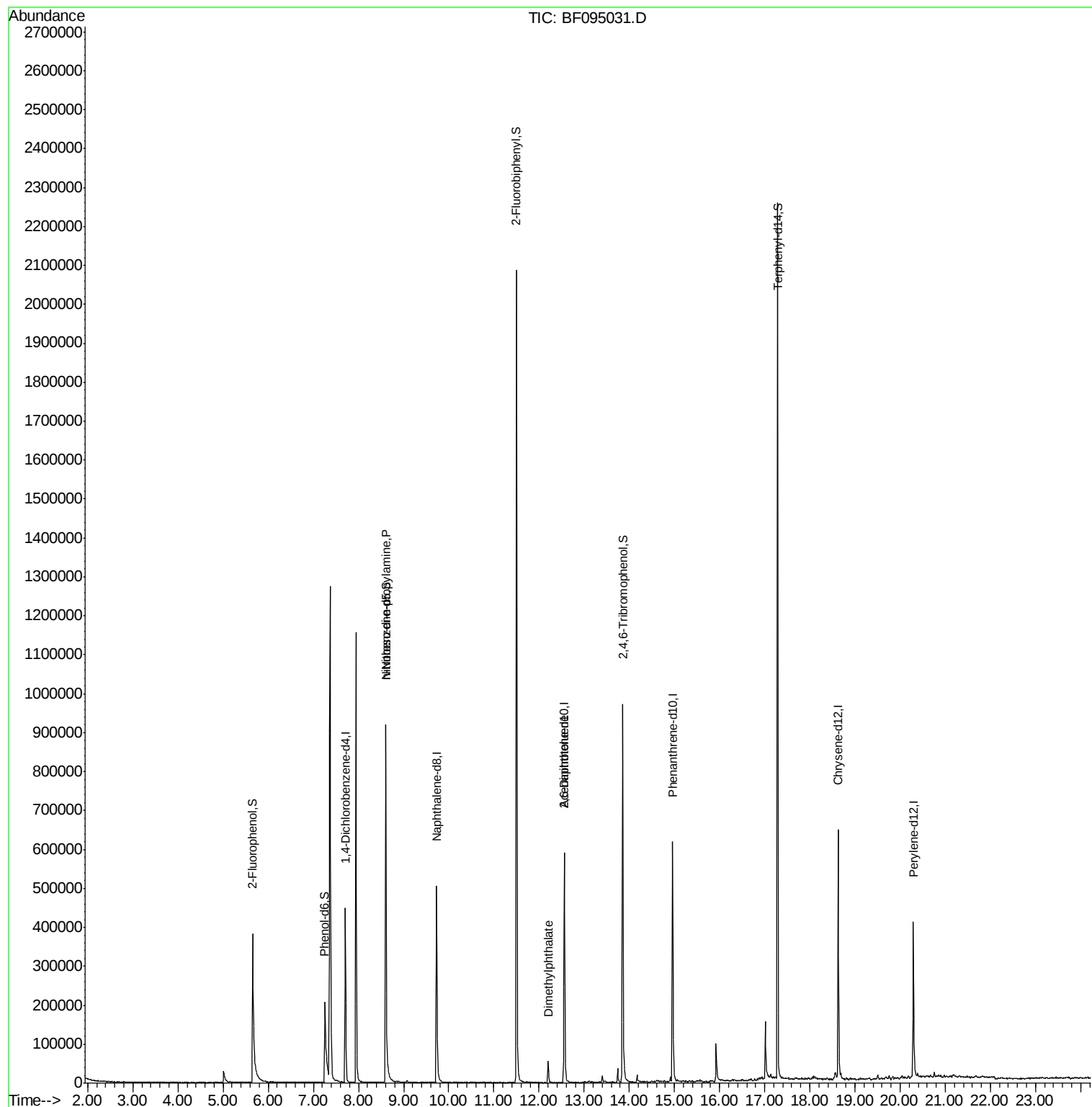
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	96232	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	373750	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	181547	20.00	ng	-0.02
63) Phenanthrene-d10	14.96	188	339641	20.00	ng	-0.02
75) Chrysene-d12	18.62	240	292334	20.00	ng	-0.03
86) Perylene-d12	20.29	264	201715	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	272284	47.17	ng	-0.02
7) Phenol-d6	7.25	99	202455	29.23	ng	-0.02
23) Nitrobenzene-d5	8.61	82	456973	77.10	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	169629	114.09	ng	-0.03
44) 2-Fluorobiphenyl	11.50	172	940273	74.55	ng	-0.03
78) Terphenyl-d14	17.29	244	877337	66.10	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.61	70	56303	12.02	ng	# 75
49) Dimethylphthalate	12.20	163	39402	2.64	ng	99
50) 2,6-Dinitrotoluene	12.56	165	18590	6.11	ng	# 33

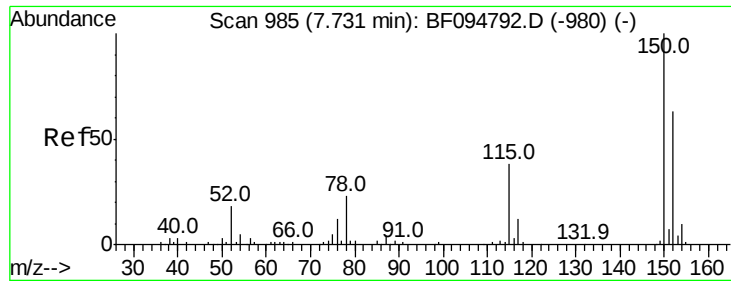
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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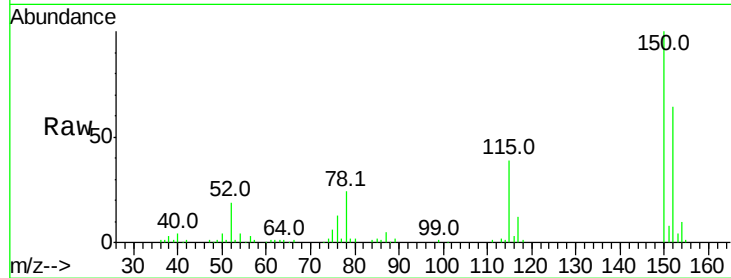


#1

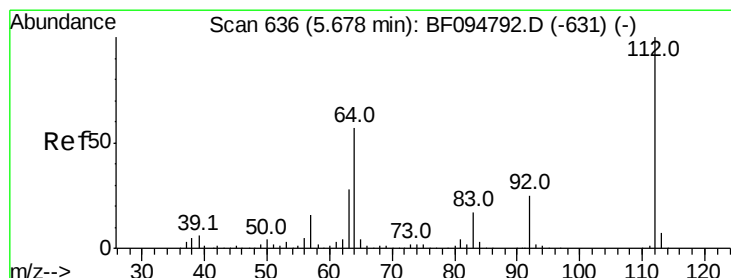
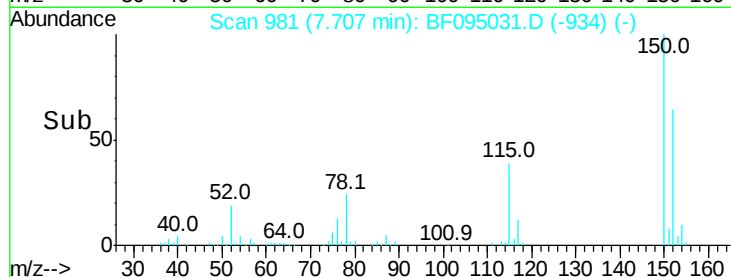
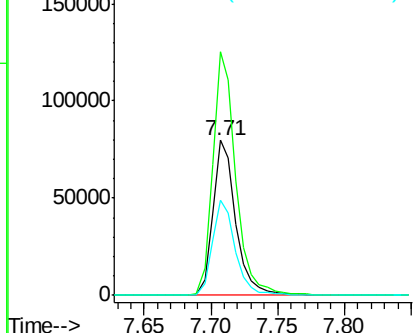
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.71 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF095031.D
Acq: 9 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96232
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 61.7 52.2 78.2



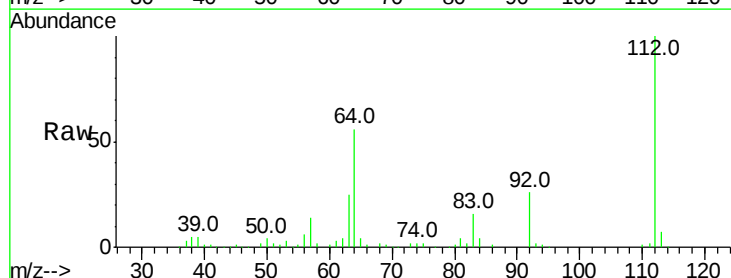
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



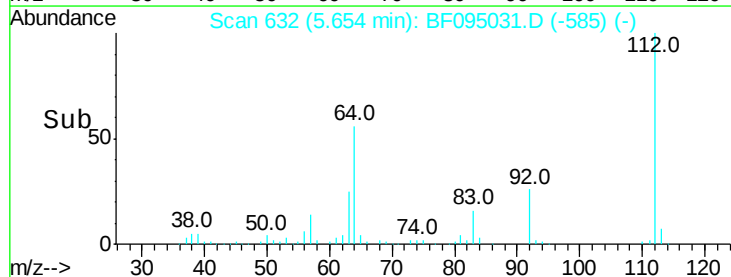
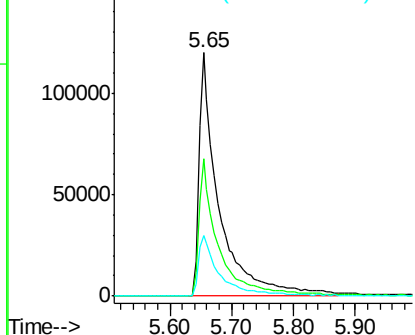
#5

2-Fluorophenol
Concen: 47.17 ng
RT: 5.65 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF095031.D
Acq: 9 May 2017 20:07

Tgt Ion:112 Resp: 272284
Ion Ratio Lower Upper
112 100
64 56.4 46.0 69.0
63 25.0 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: 29.23 ng

RT: 7.25 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

Instrument :

BNA_F

ClientSampled :

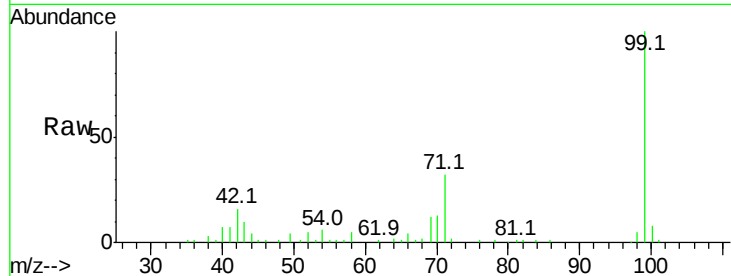
Tot Ion: 99 Resp: 202455

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

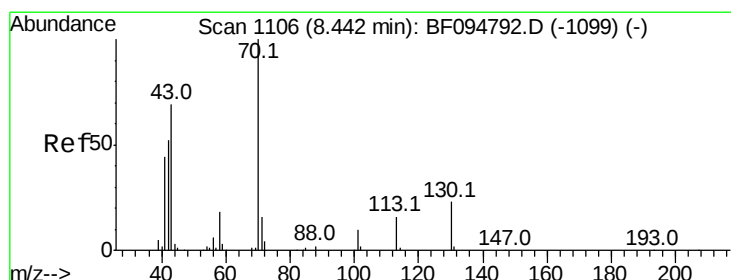
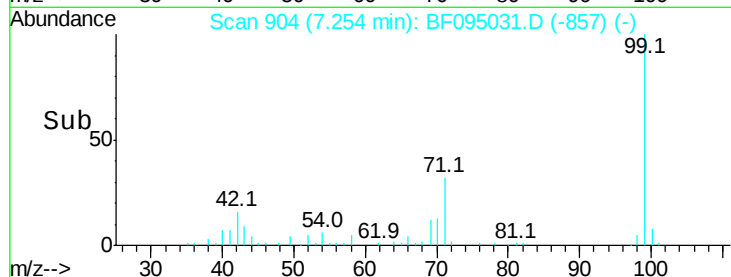
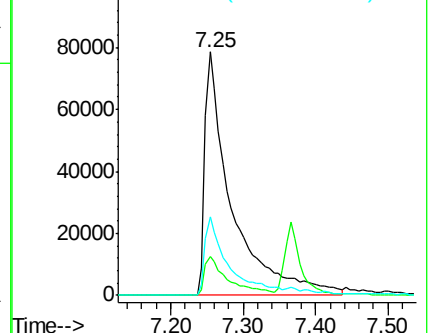
71 32.1 24.5 36.7



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: 12.02 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

Tgt Ion: 70 Resp: 56303

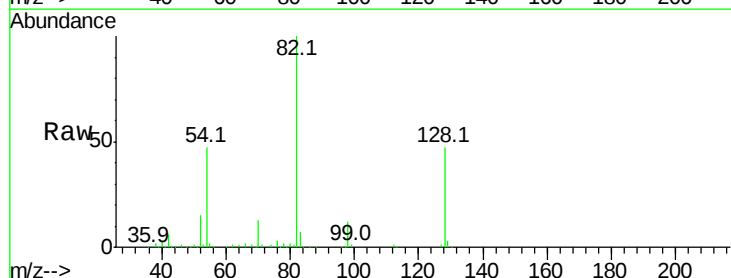
Ion Ratio Lower Upper

70 100

42 43.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

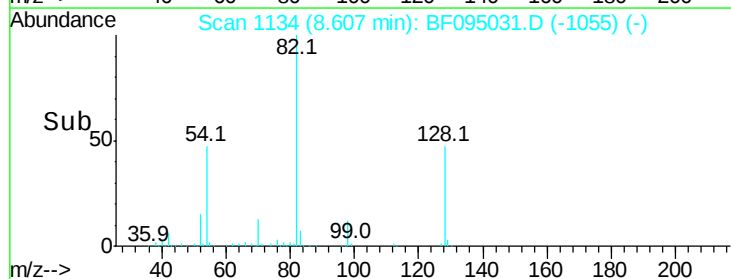
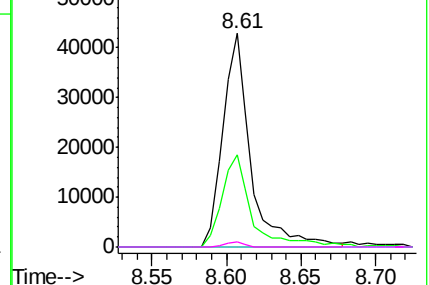


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 373750

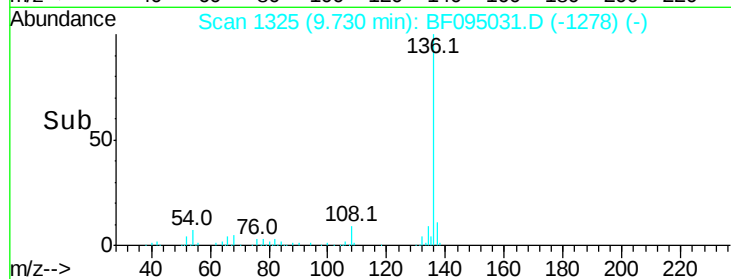
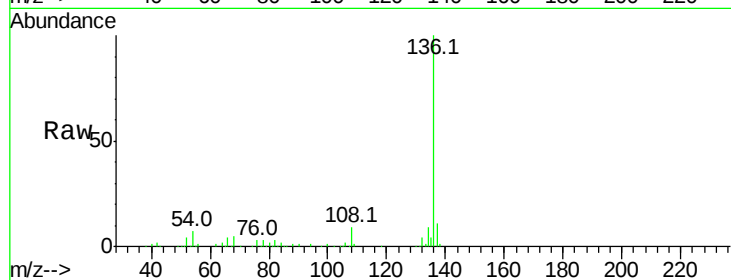
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

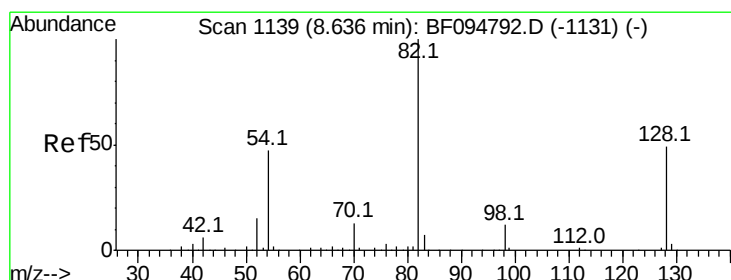
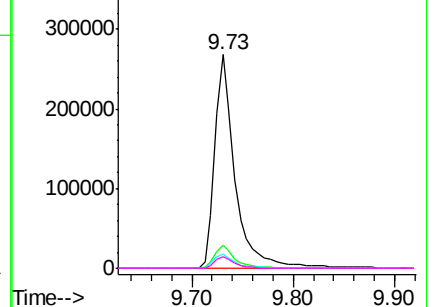


Abundance Ion 136.00 (135.70 to 136.70): E

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: 77.10 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

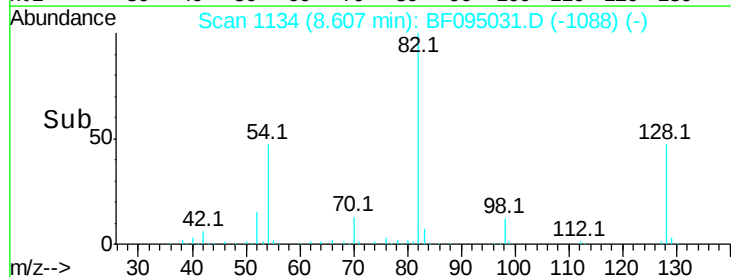
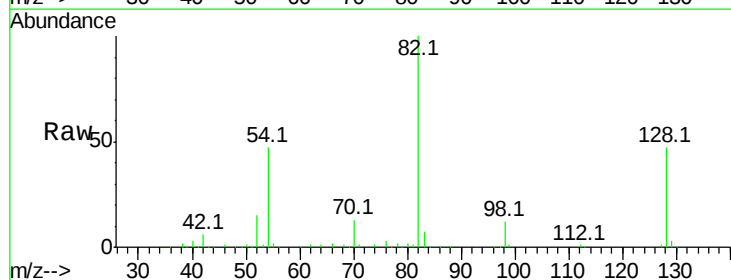
Tgt Ion: 82 Resp: 456973

Ion Ratio Lower Upper

82 100

128 47.4 34.0 51.0

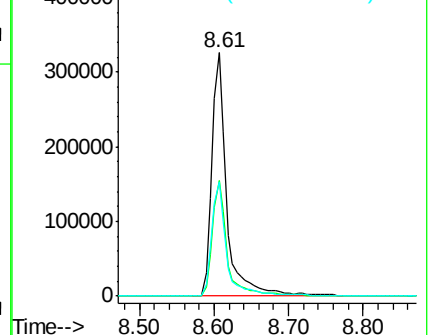
54 47.0 42.2 63.2



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: 12.56 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

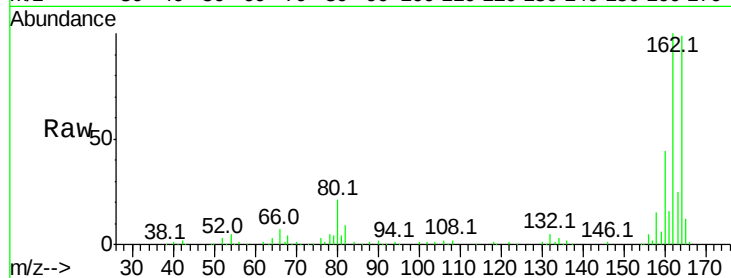
Tot Ion:164 Resp: 181547

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

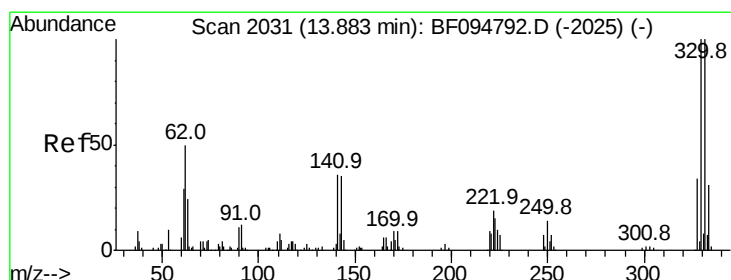
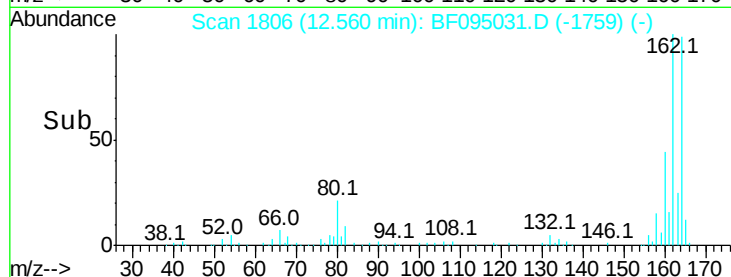
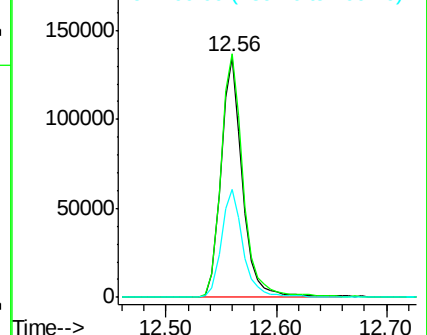
160 44.9 36.2 54.2



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: 114.09 ng

RT: 13.85 min Scan# 2026

Delta R.T. -0.03 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

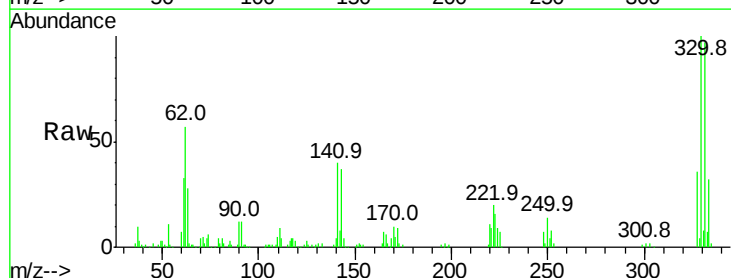
Tgt Ion:330 Resp: 169629

Ion Ratio Lower Upper

330 100

332 94.0 76.6 115.0

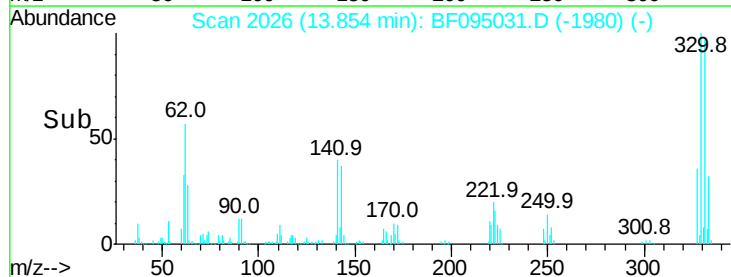
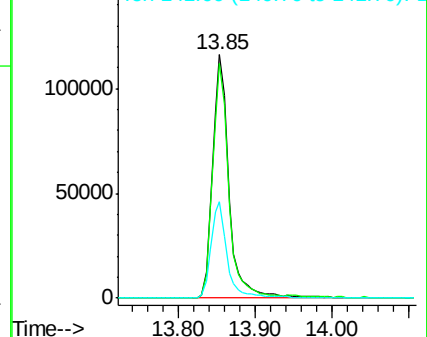
141 38.8 31.4 47.2



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

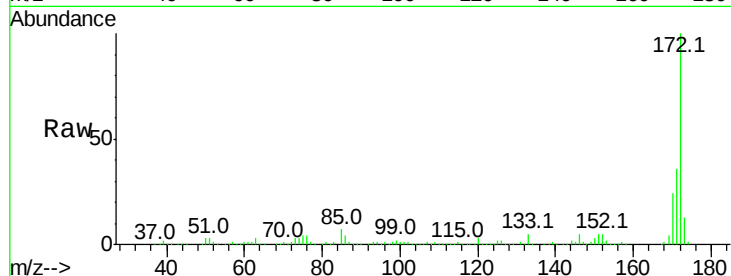




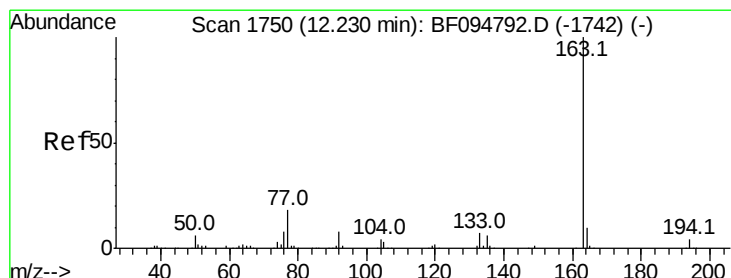
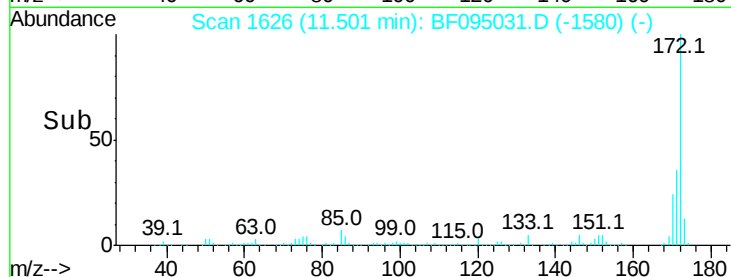
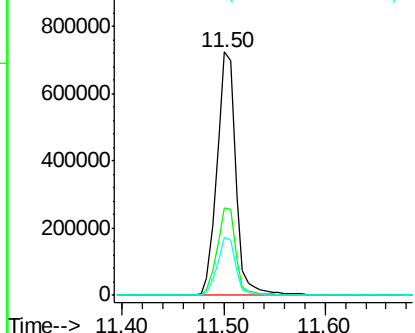
#44
2-Fluorobiphenyl
Concen: 74.55 ng
RT: 11.50 min Scan# 1626
Delta R.T. -0.03 min
Lab File: BF095031.D
Acq: 9 May 2017 20:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 940273
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 23.8 19.8 29.8

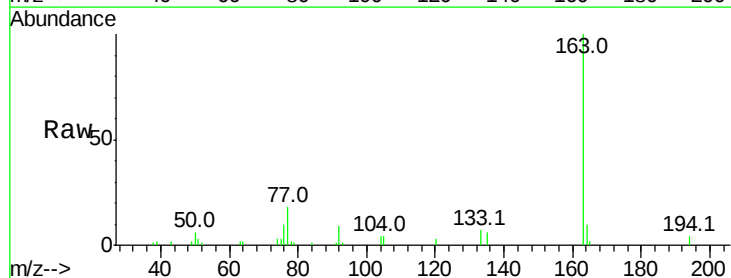


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

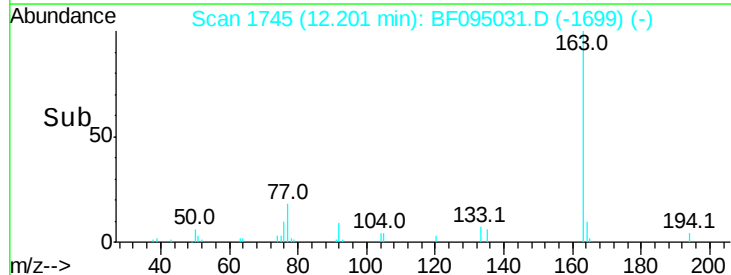
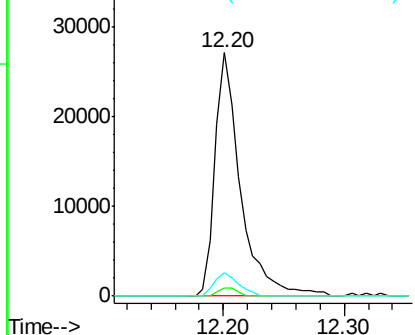


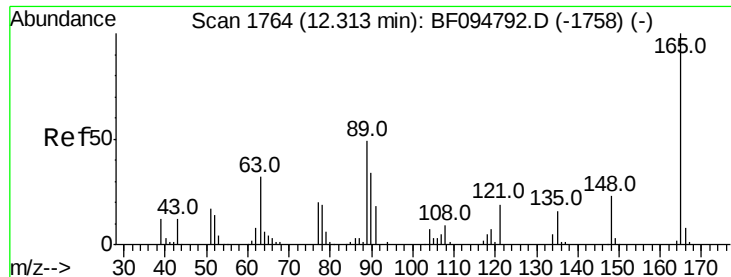
#49
Dimethylphthalate
Concen: 2.64 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF095031.D
Acq: 9 May 2017 20:07

Tgt Ion:163 Resp: 39402
Ion Ratio Lower Upper
163 100
194 3.6 2.6 4.0
164 9.9 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

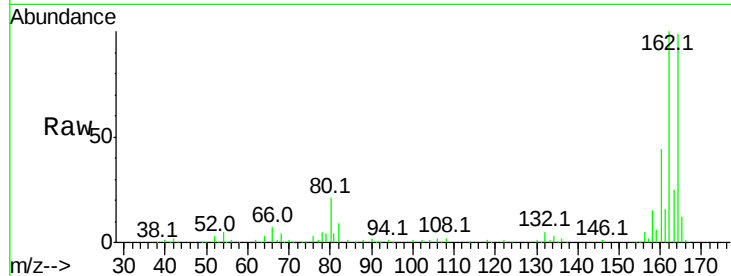




#50
 2,6-Dinitrotoluene
 Concen: 6.11 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. 0.25 min
 Lab File: BF095031.D
 Acq: 9 May 2017 20:07

Instrument :
 BNA_F
 ClientSampleId :

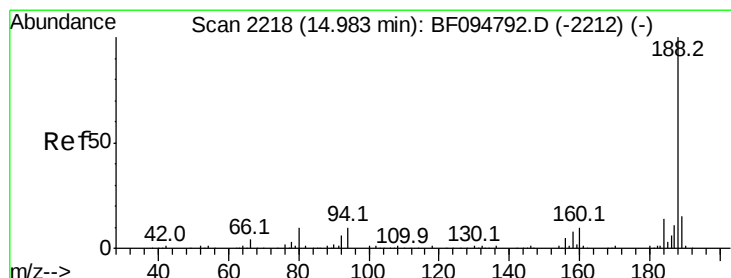
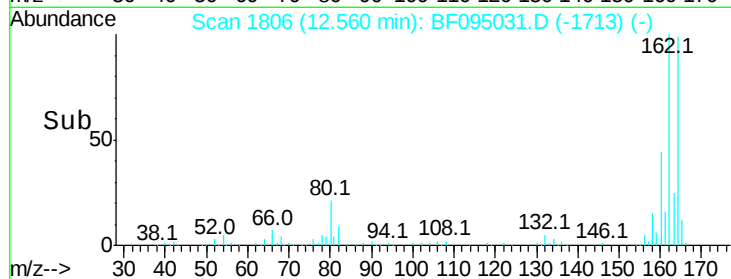
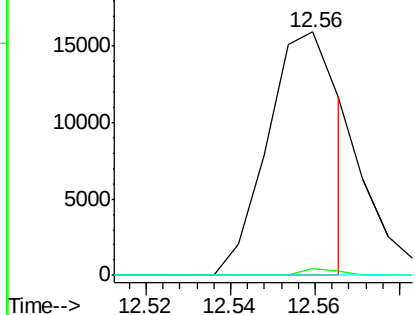
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

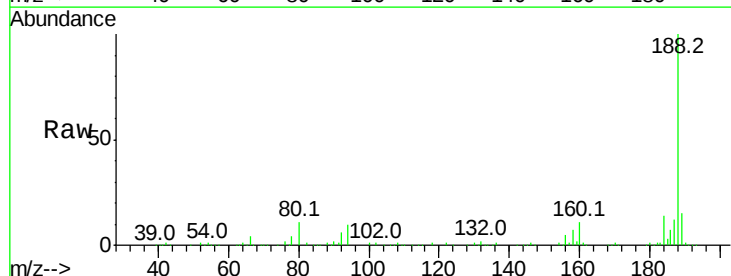
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.96 min Scan# 2214
 Delta R.T. -0.02 min
 Lab File: BF095031.D
 Acq: 9 May 2017 20:07

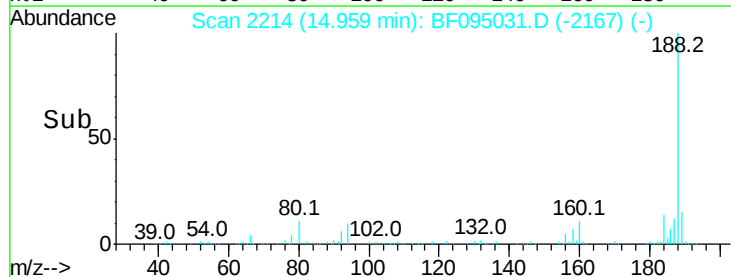
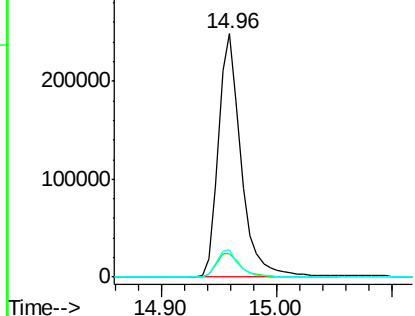
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	9.4	14.2
80	11.3	10.2	15.2

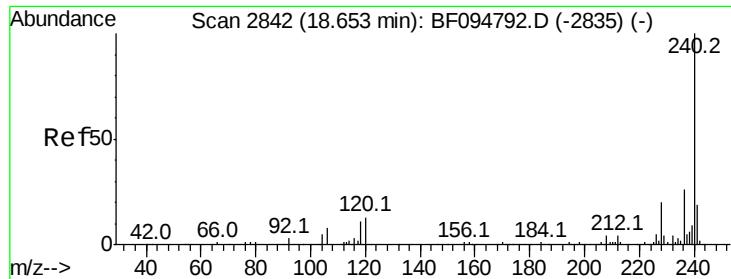


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.62 min Scan# 2837

Delta R.T. -0.03 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

Instrument :

BNA_F

ClientSampleId :

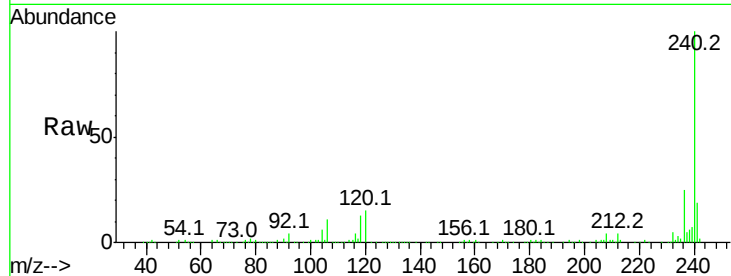
Tot Ion:240 Resp: 292334

Ion Ratio Lower Upper

240 100

120 15.4 5.8 8.8#

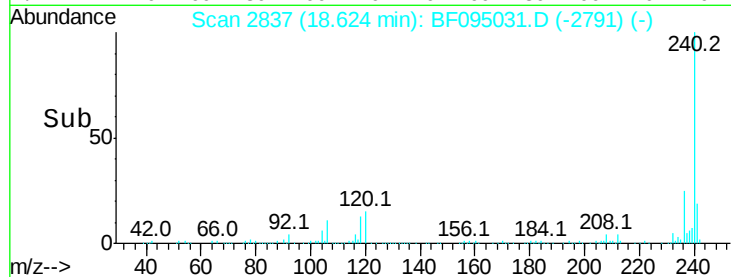
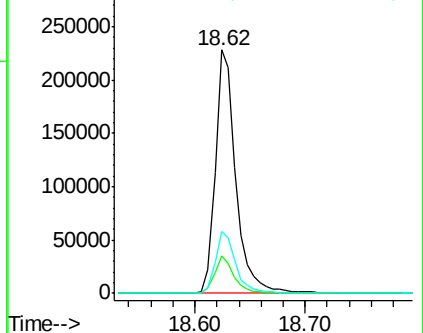
236 25.3 20.5 30.7



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: 66.10 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095031.D

Acq: 9 May 2017 20:07

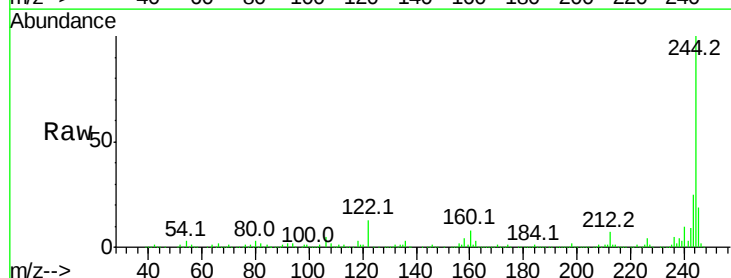
Tgt Ion:244 Resp: 877337

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

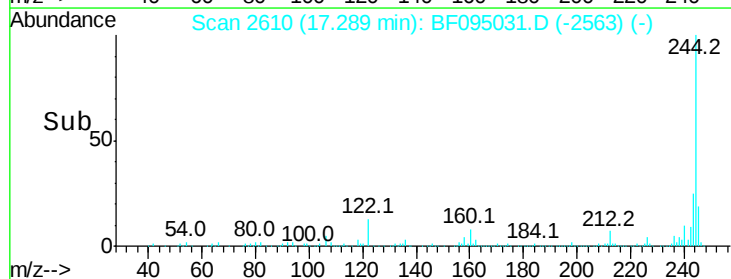
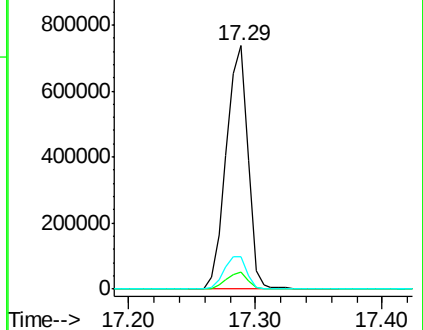
122 13.3 10.3 15.5

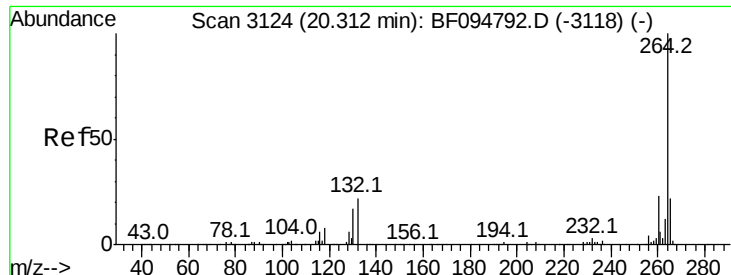


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

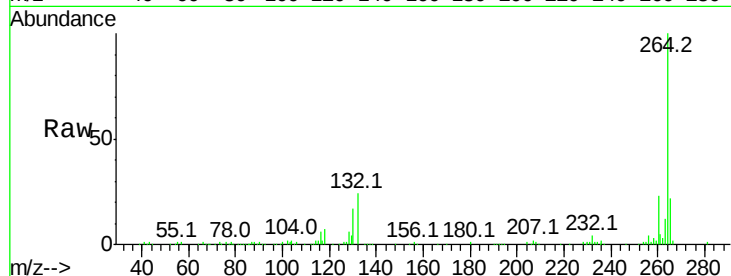




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095031.D
Acq: 9 May 2017 20:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.5	29.3
265	22.0	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

