

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060117\
 Data File : BF095596.D
 Acq On : 1 Jun 2017 15:56
 Operator : SJ/MA
 Sample : PB99258TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 01 18:16:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:03:02 2017
 Response via : Initial Calibration

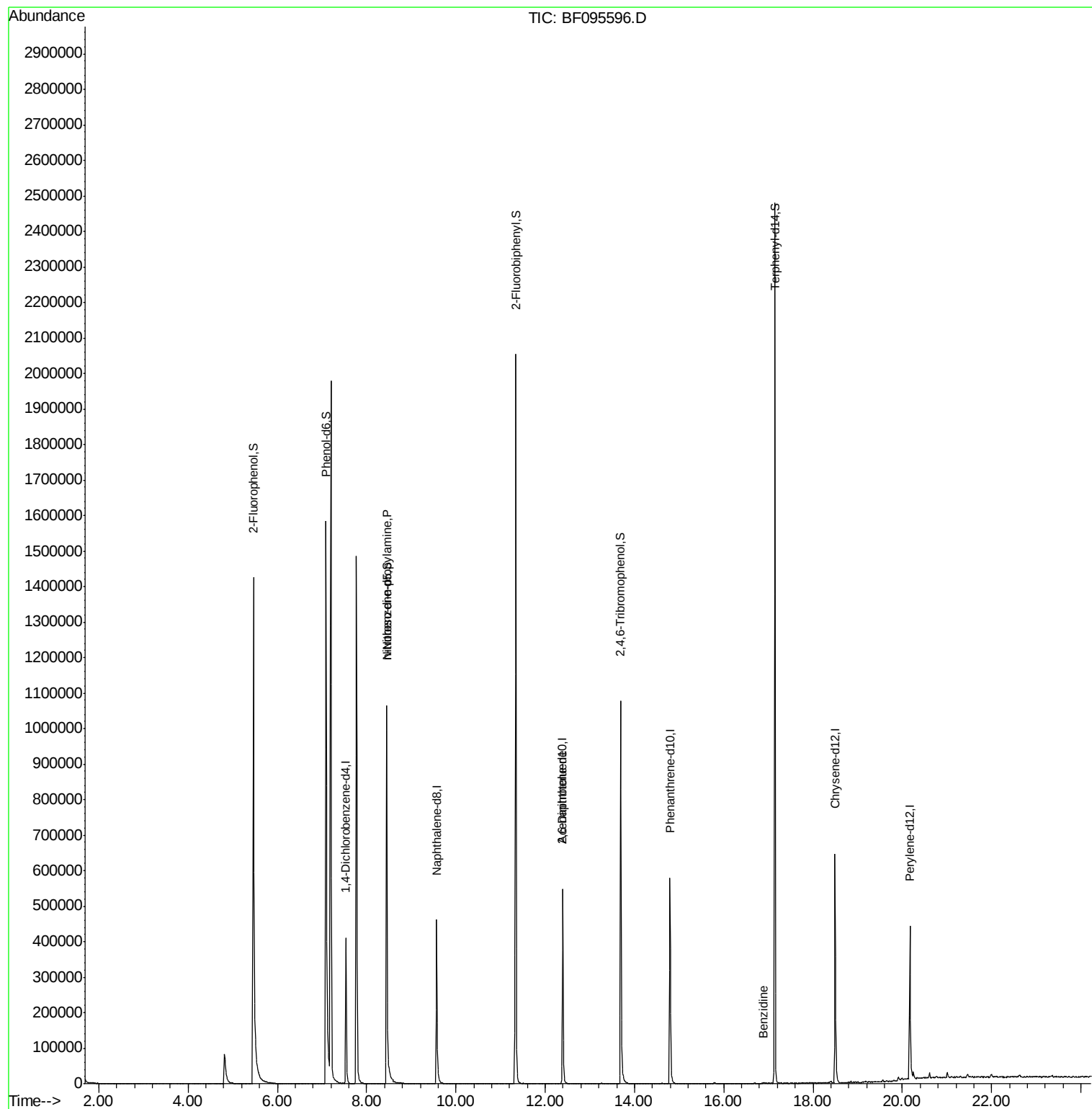
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	101109	20.00	ng	-0.02
21) Naphthalene-d8	9.57	136	374074	20.00	ng	-0.02
38) Acenaphthene-d10	12.39	164	172489	20.00	ng	-0.02
63) Phenanthrene-d10	14.80	188	356185	20.00	ng	-0.02
75) Chrysene-d12	18.49	240	329987	20.00	ng	-0.02
86) Perylene-d12	20.17	264	224032	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	800040	131.92	ng	0.00
7) Phenol-d6	7.09	99	1011578	139.02	ng	-0.02
23) Nitrobenzene-d5	8.45	82	599612	101.08	ng	-0.02
41) 2,4,6-Tribromophenol	13.69	330	196275	138.94	ng	-0.02
44) 2-Fluorobiphenyl	11.34	172	1033412	86.23	ng	-0.02
78) Terphenyl-d14	17.15	244	1031699	68.86	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.45	70	73739	14.98	ng	# 73
50) 2,6-Dinitrotoluene	12.39	165	20611	7.13	ng	# 31
76) Benzidine	16.87	184	116	6.60	ng	# 62

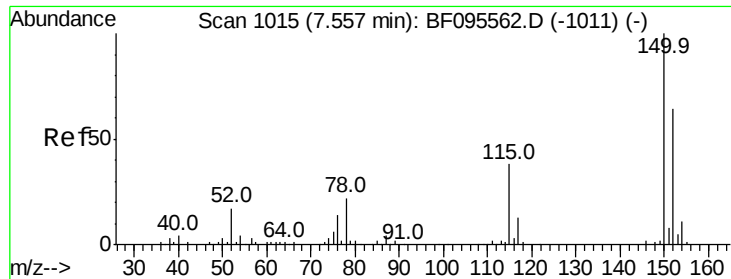
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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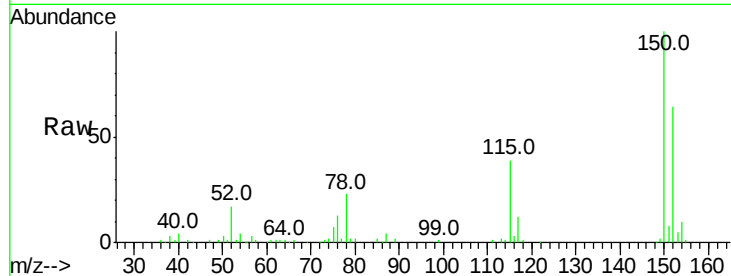


#1

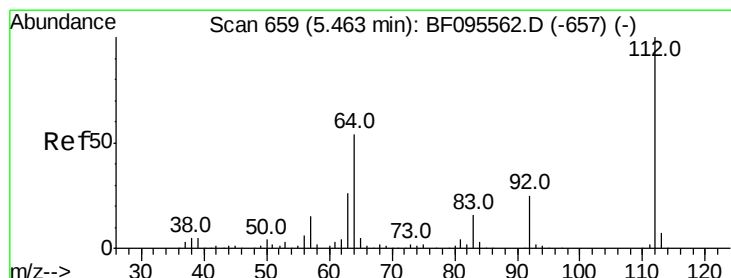
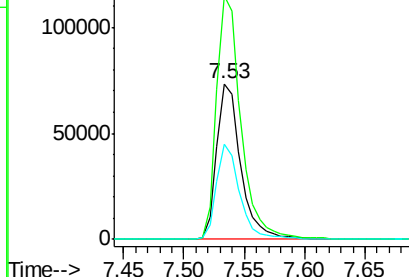
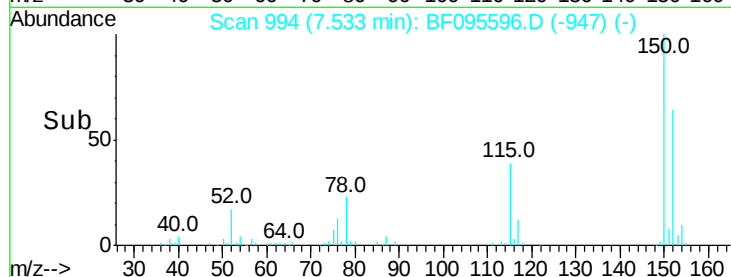
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.53 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF095596.D
Acq: 1 Jun 2017 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	126.2	189.2
115	61.5	52.2	78.2



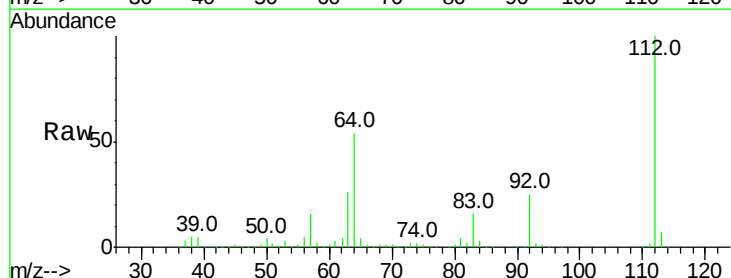
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



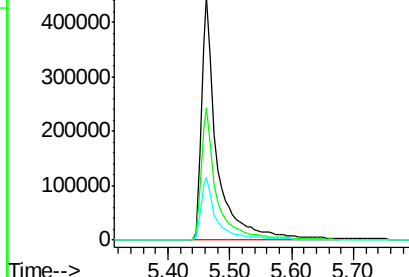
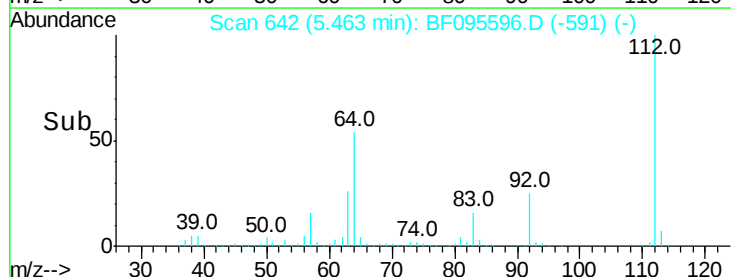
#5

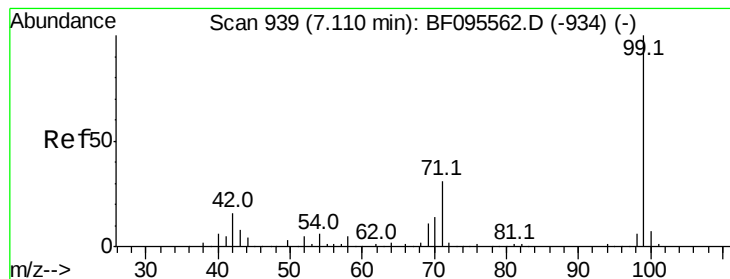
2-Fluorophenol
Concen: 131.92 ng
RT: 5.46 min Scan# 642
Delta R.T. -0.00 min
Lab File: BF095596.D
Acq: 1 Jun 2017 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	54.3	46.0	69.0
63	25.9	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: 139.02 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.02 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

Instrument :

BNA_F

ClientSampleId :

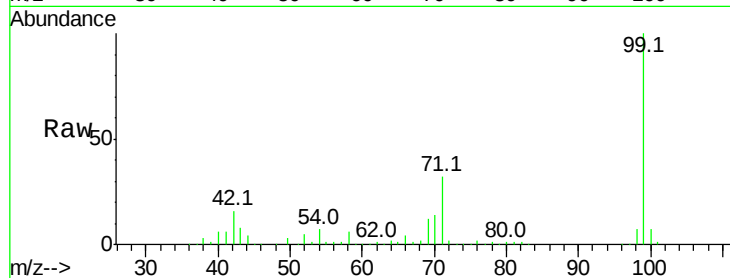
Tot Ion: 99 Resp: 1011578

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

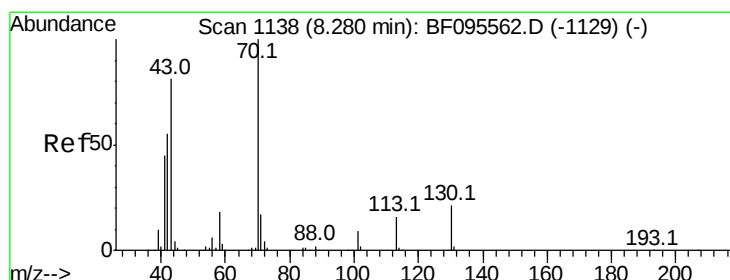
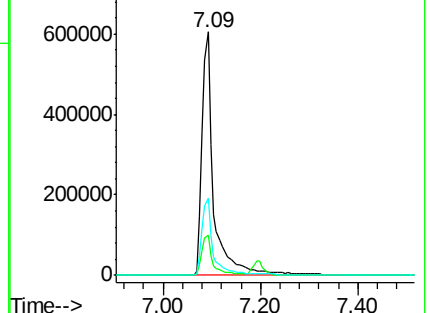
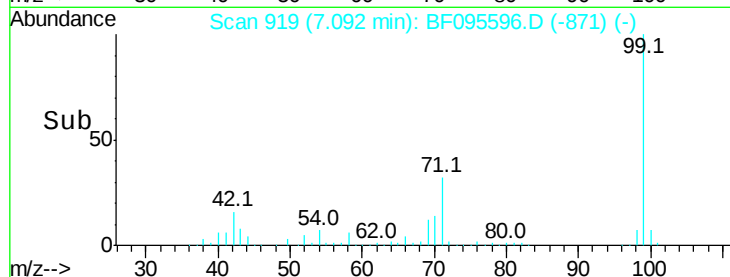
71 31.5 24.5 36.7



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: 14.98 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.17 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

Tgt Ion: 70 Resp: 73739

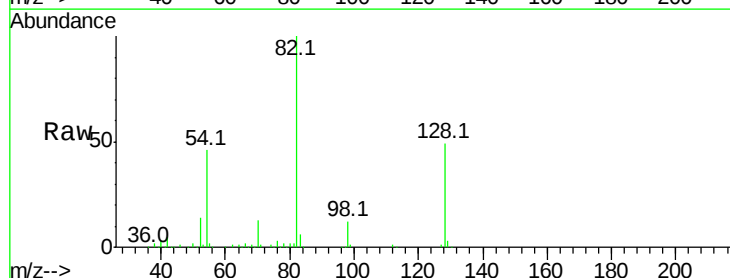
Ion Ratio Lower Upper

70 100

42 41.1 47.2 70.8#

101 0.0 7.2 10.8#

130 1.8 15.9 23.9#

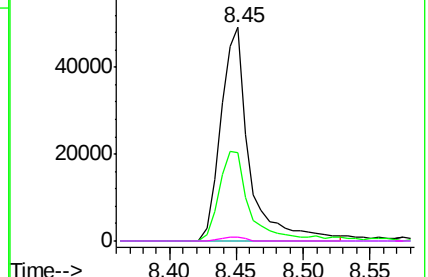
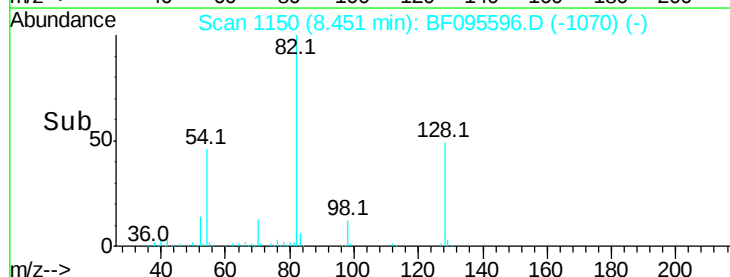


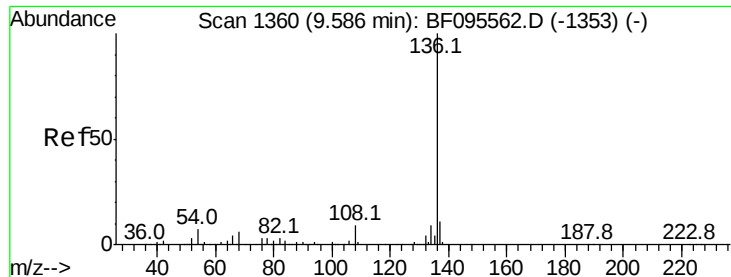
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.57 min Scan# 1340

Delta R.T. -0.02 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 374074

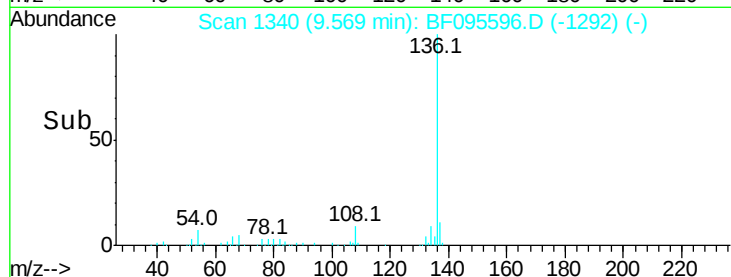
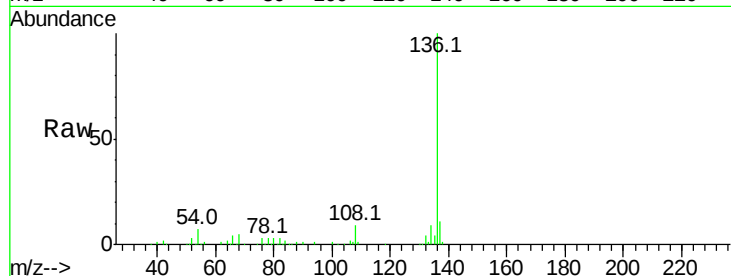
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.9 4.9 7.3

68 5.3 4.1 6.1

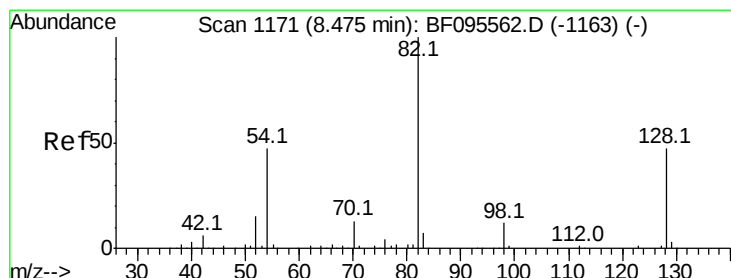
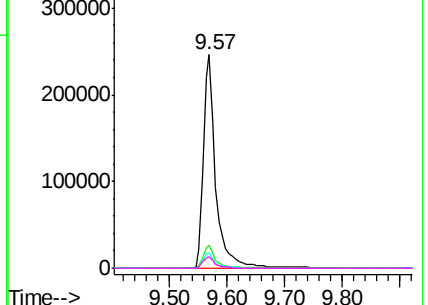


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.08 ng

RT: 8.45 min Scan# 1150

Delta R.T. -0.02 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

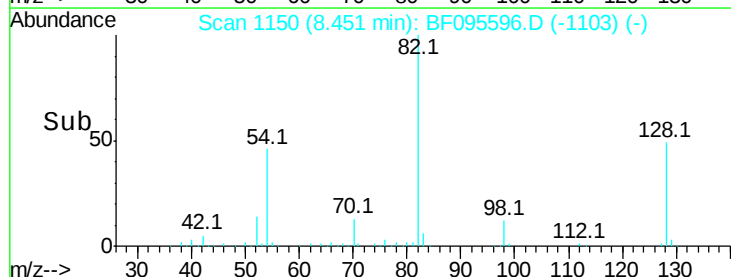
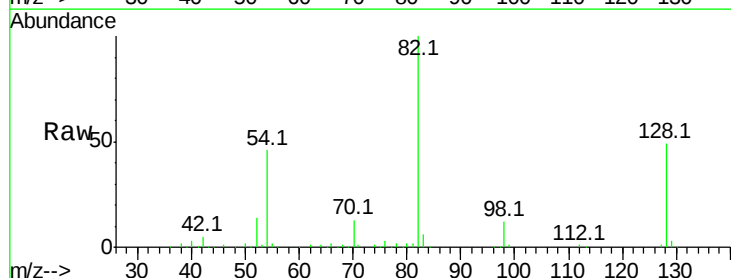
Tgt Ion: 82 Resp: 599612

Ion Ratio Lower Upper

82 100

128 48.7 34.0 51.0

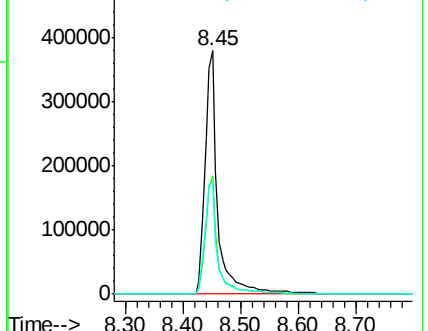
54 46.0 42.2 63.2

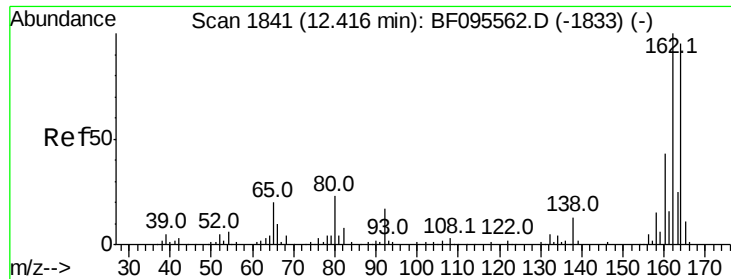


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

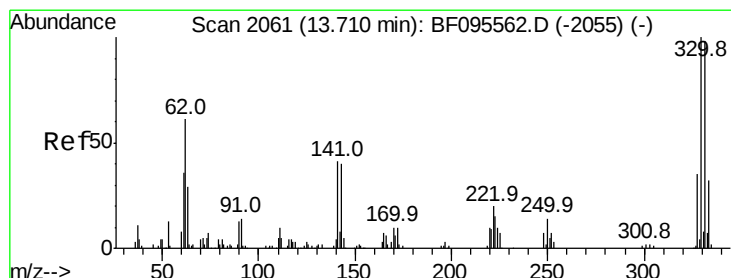
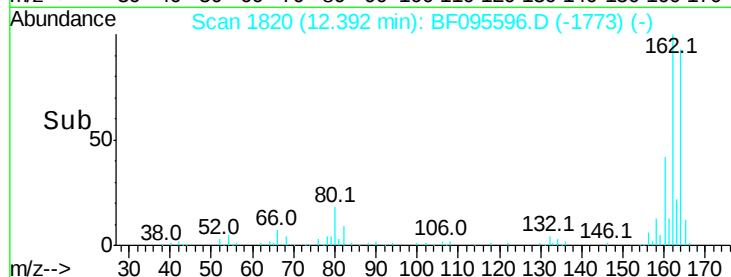
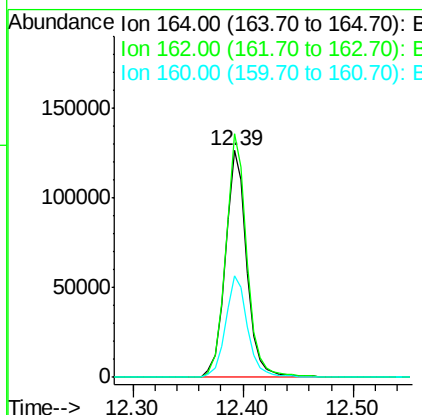
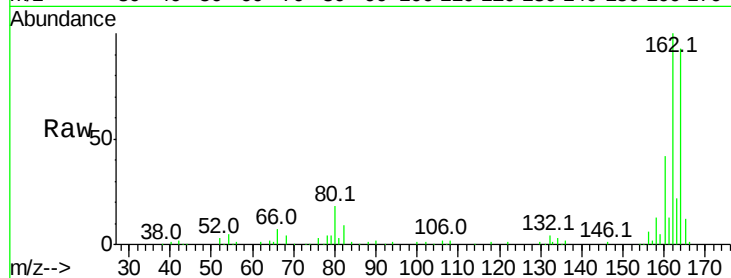




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.02 min
 Lab File: BF095596.D
 Acq: 1 Jun 2017 15:56

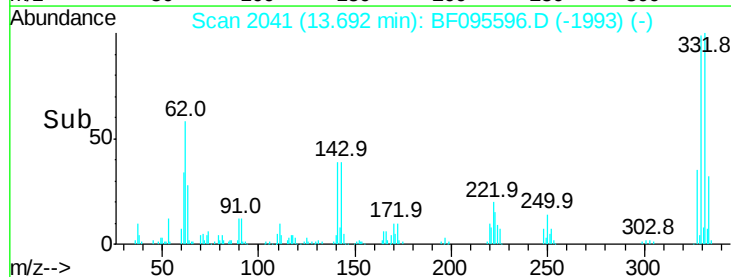
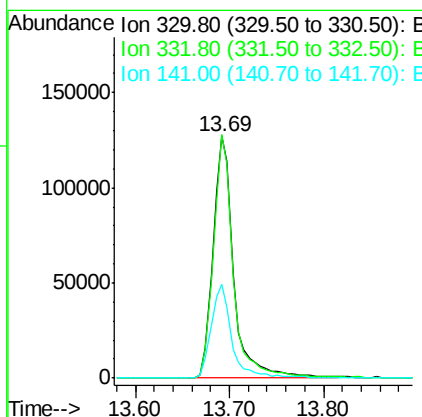
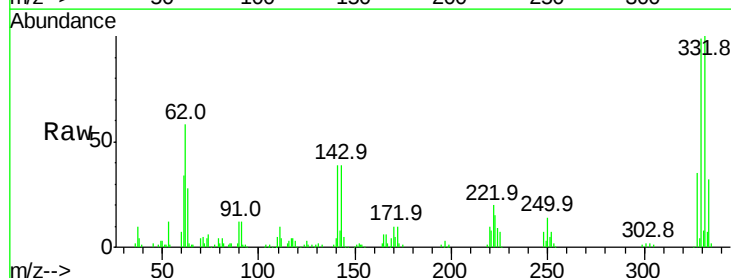
Instrument :
 BNA_F
 ClientSampleId :

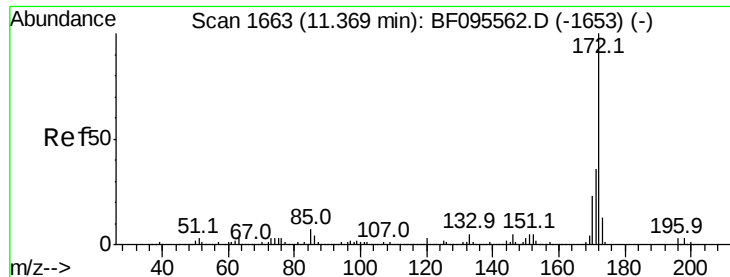
Tot Ion:164 Resp: 172489
 Ion Ratio Lower Upper
 164 100
 162 107.3 82.6 123.8
 160 44.6 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 138.94 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.02 min
 Lab File: BF095596.D
 Acq: 1 Jun 2017 15:56

Tgt Ion:330 Resp: 196275
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.6 115.0
 141 38.9 31.4 47.2

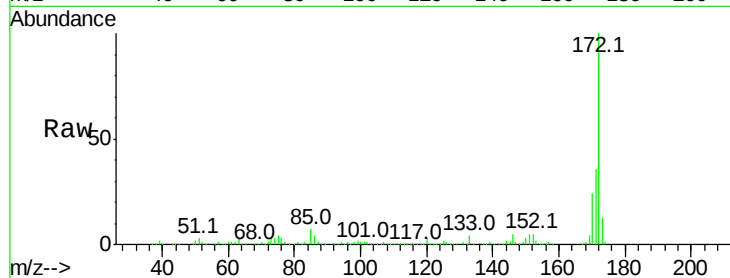




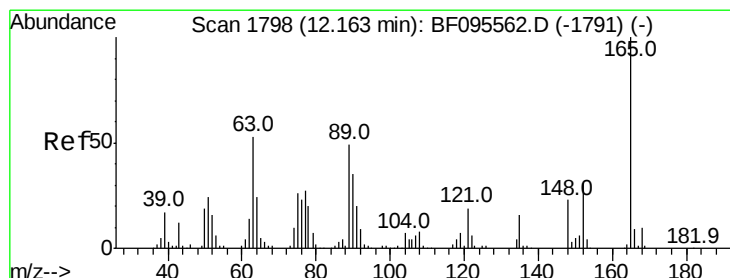
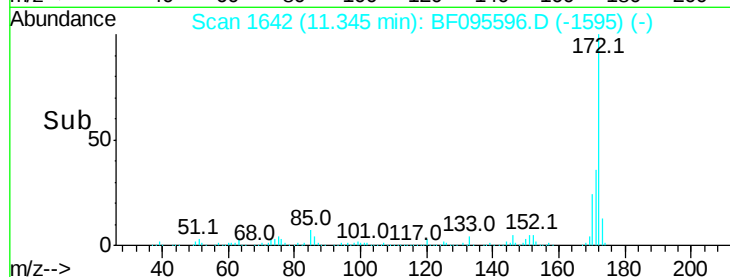
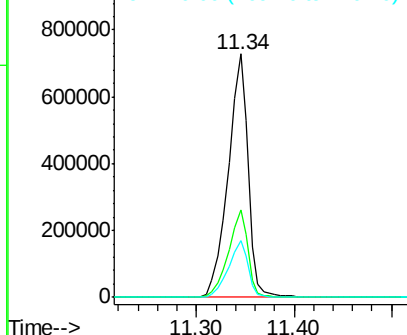
#44
 2-Fluorobiphenyl
 Concen: 86.23 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.02 min
 Lab File: BF095596.D
 Acq: 1 Jun 2017 15:56

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 1033412
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.5 19.8 29.8

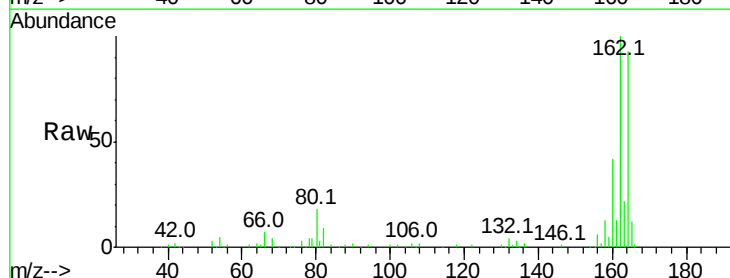


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

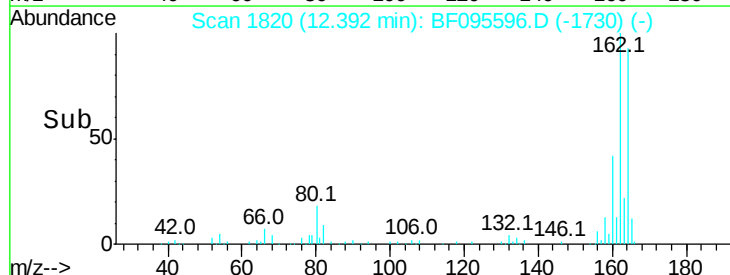
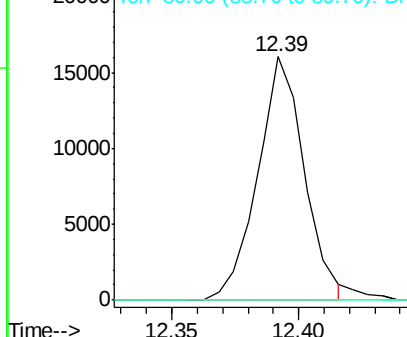


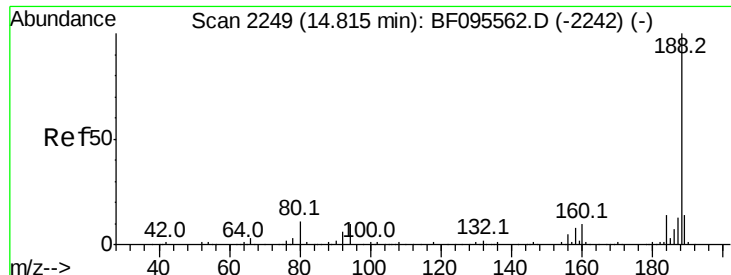
#50
 2,6-Dinitrotoluene
 Concen: 7.13 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. 0.23 min
 Lab File: BF095596.D
 Acq: 1 Jun 2017 15:56

Tgt Ion:165 Resp: 20611
 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

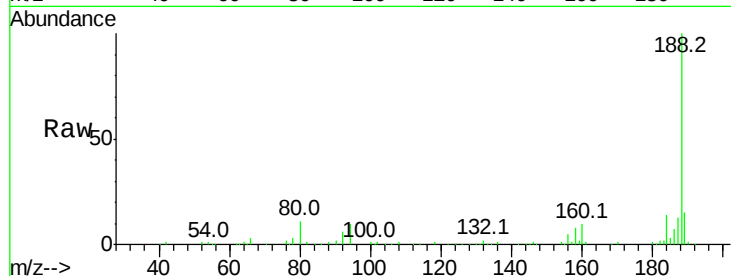




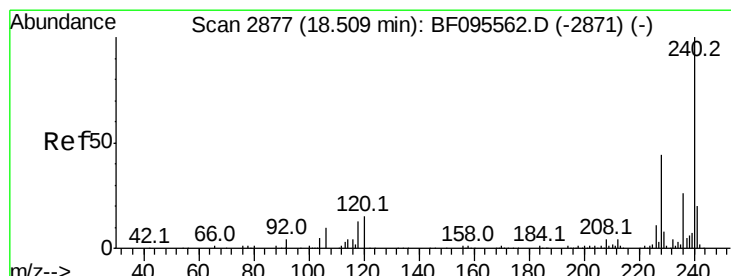
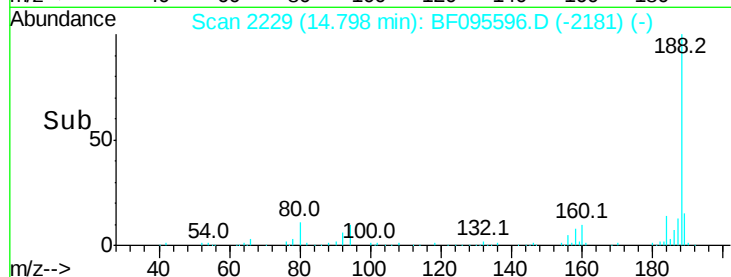
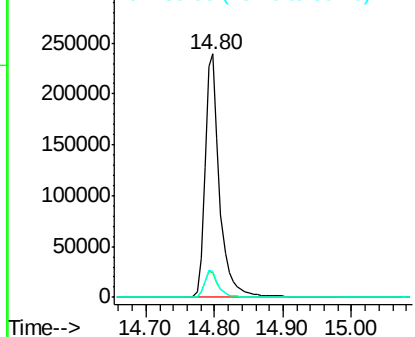
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.80 min Scan# 2229
Delta R.T. -0.02 min
Lab File: BF095596.D
Acq: 1 Jun 2017 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 356185
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 10.8 10.2 15.2

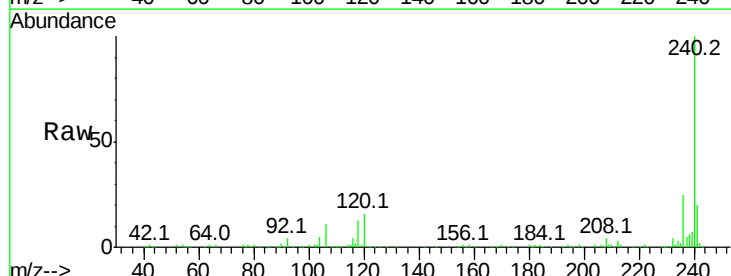


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

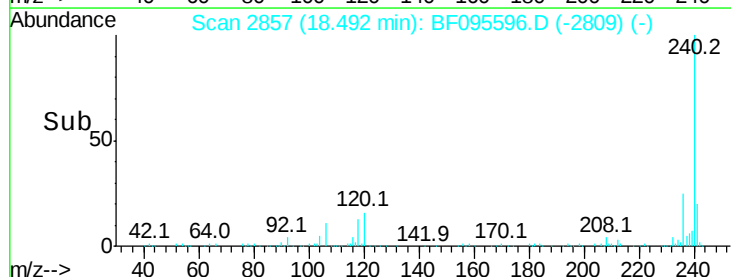
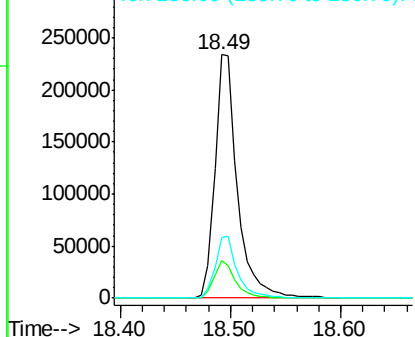


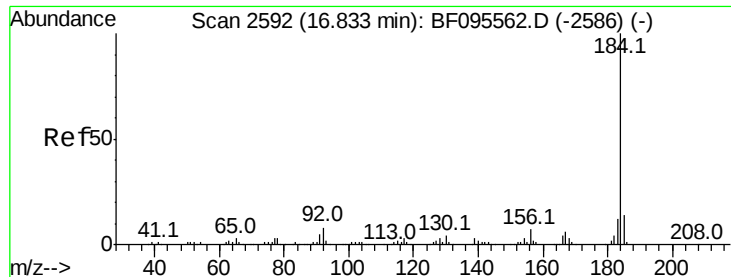
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.49 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BF095596.D
Acq: 1 Jun 2017 15:56

Tgt Ion:240 Resp: 329987
Ion Ratio Lower Upper
240 100
120 15.6 5.8 8.8#
236 25.1 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





#76

Benzidine

Concen: 6.60 ng

RT: 16.87 min Scan# 2582

Delta R.T. 0.04 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

Instrument :

BNA_F

ClientSampleId :

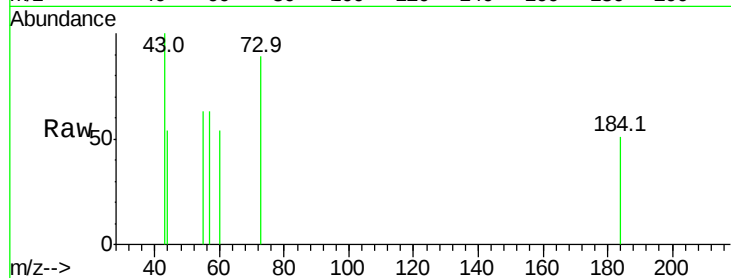
Tot Ion:184 Resp: 116

Ion Ratio Lower Upper

184 100

185 0.0 15.5 23.3#

183 0.0 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

16.87

300

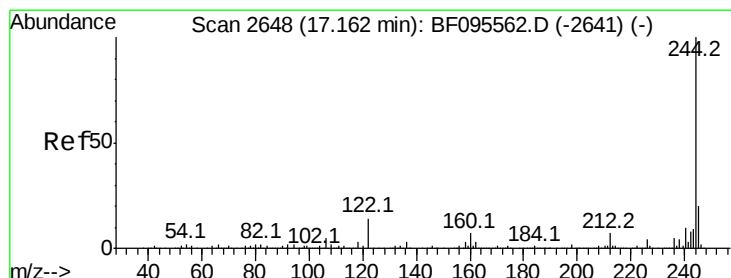
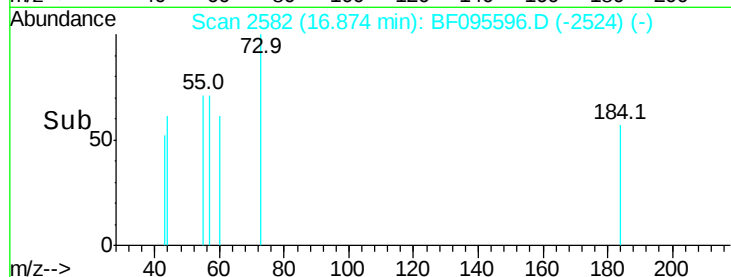
200

100

0

16.86 16.88

Time-->



#78

Terphenyl-d14

Concen: 68.86 ng

RT: 17.15 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BF095596.D

Acq: 1 Jun 2017 15:56

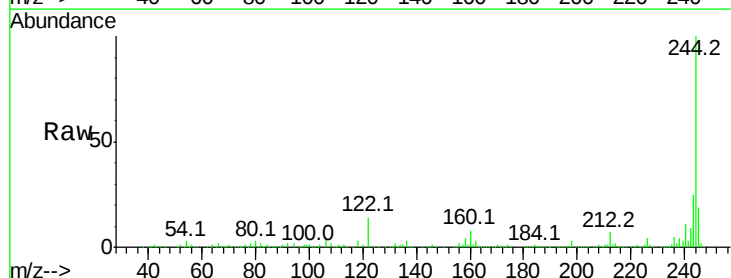
Tgt Ion:244 Resp: 1031699

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 14.2 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

17.15

1000000

800000

600000

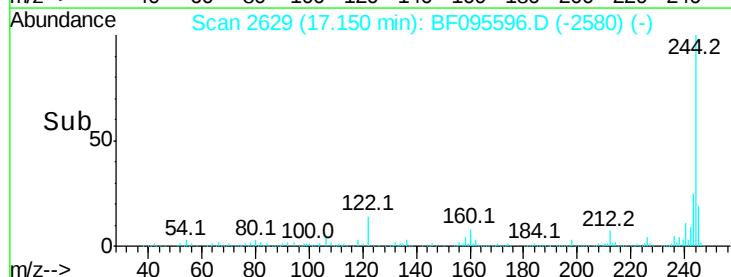
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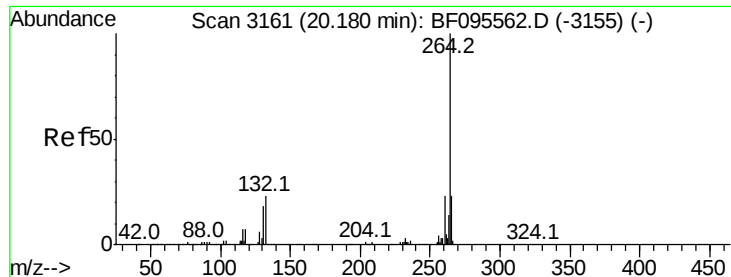
200000

0

17.10 17.20 17.30

Time-->





#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BF095596.D
Acq: 1 Jun 2017 15:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.9	17.2	25.8

