

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060217\
 Data File : BF095639.D
 Acq On : 2 Jun 2017 17:56
 Operator : SJ/MA
 Sample : I3420-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 03 01:32:07 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 18:51:16 2017
 Response via : Initial Calibration

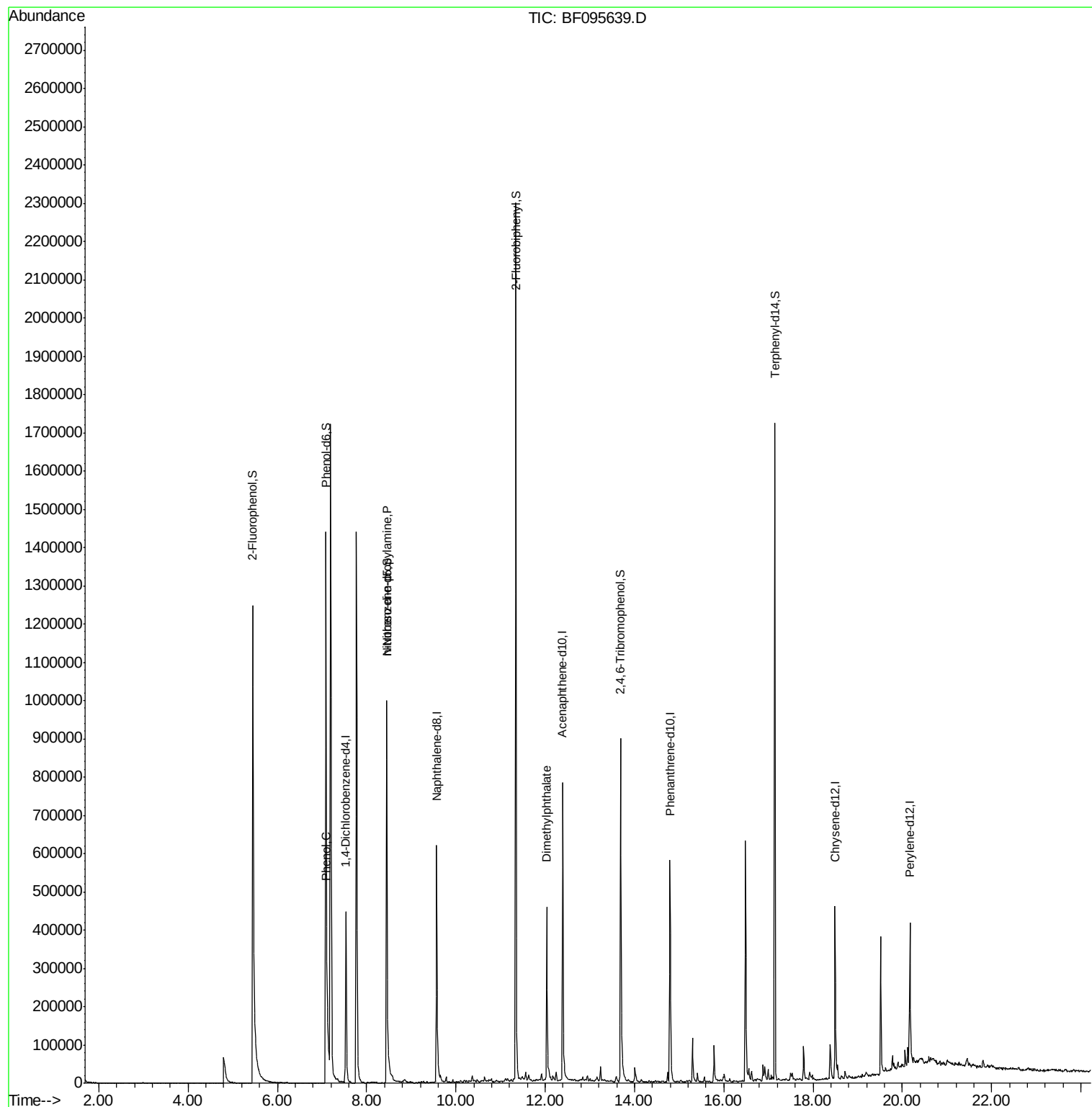
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	111967	20.00	ng	0.00
21) Naphthalene-d8	9.57	136	483788	20.00	ng	0.00
38) Acenaphthene-d10	12.39	164	213391	20.00	ng	0.00
63) Phenanthrene-d10	14.80	188	339110	20.00	ng	0.00
75) Chrysene-d12	18.49	240	213289	20.00	ng	0.00
86) Perylene-d12	20.17	264	176739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	793819	118.20	ng	0.00
7) Phenol-d6	7.09	99	936574	116.23	ng	0.00
23) Nitrobenzene-d5	8.45	82	540981	70.51	ng	-0.01
41) 2,4,6-Tribromophenol	13.69	330	169117	96.77	ng	0.00
44) 2-Fluorobiphenyl	11.34	172	1025553	69.17	ng	0.00
78) Terphenyl-d14	17.14	244	642949	66.40	ng	0.00
Target Compounds						
10) Phenol	7.11	94	27938	3.29	ng	# 77
19) n-Nitroso-di-n-propylamine	8.45	70	68871	12.64	ng	# 74
49) Dimethylphthalate	12.03	163	295192	16.85	ng	99

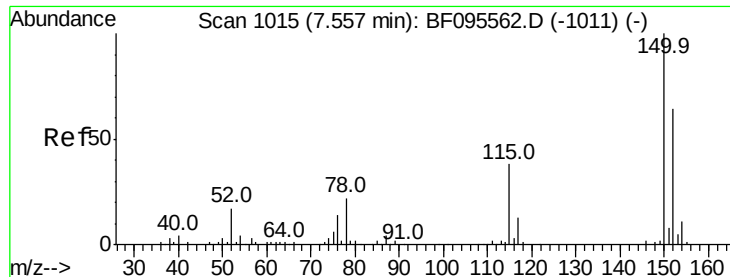
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 01 18:51:16 2017
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.54 min Scan# 995

Delta R.T. -0.00 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

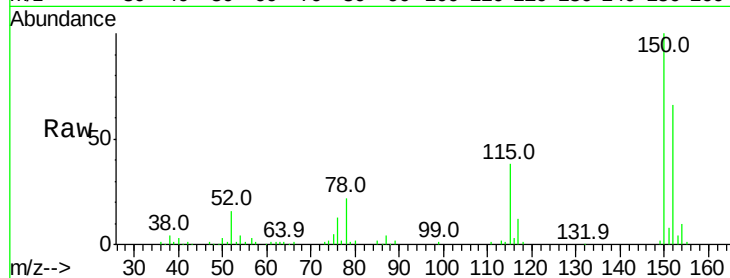
Tot Ion:152 Resp: 111967

Ion Ratio Lower Upper

152 100

150 151.7 126.2 189.2

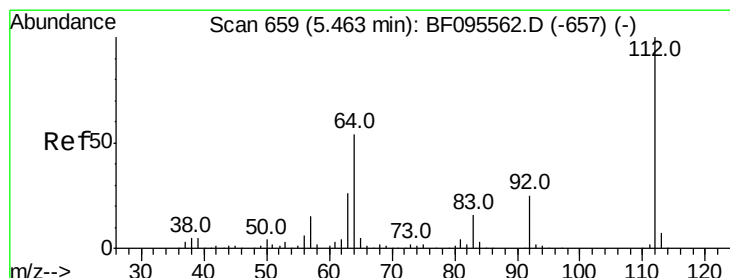
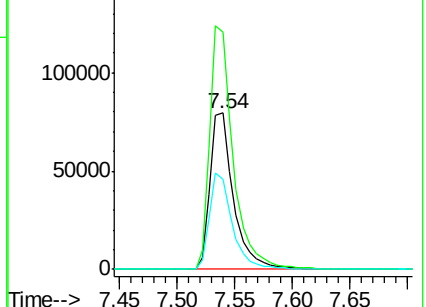
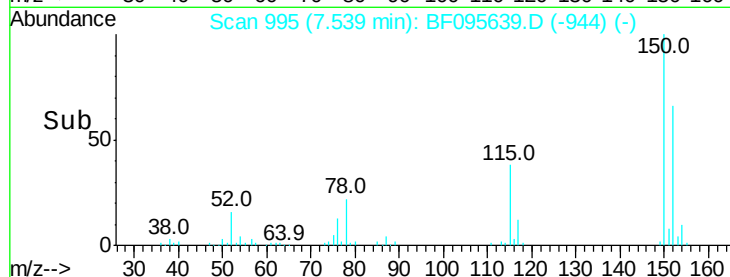
115 57.8 52.2 78.2



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: 118.20 ng

RT: 5.45 min Scan# 640

Delta R.T. 0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

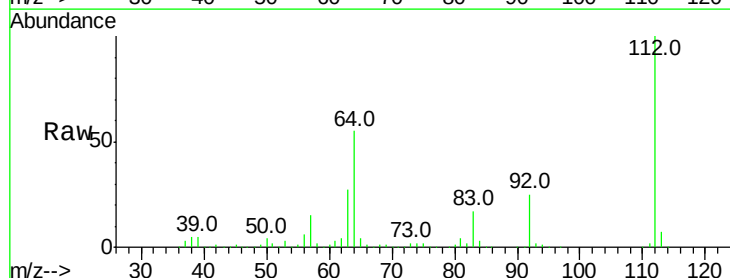
Tgt Ion:112 Resp: 793819

Ion Ratio Lower Upper

112 100

64 55.2 46.0 69.0

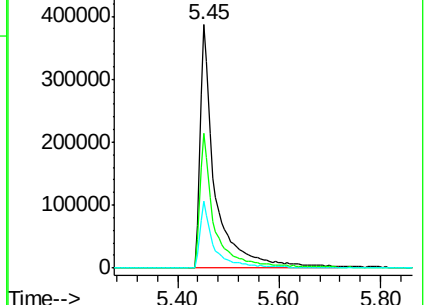
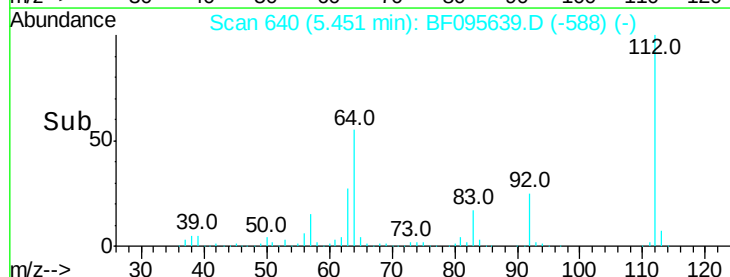
63 27.3 23.4 35.0

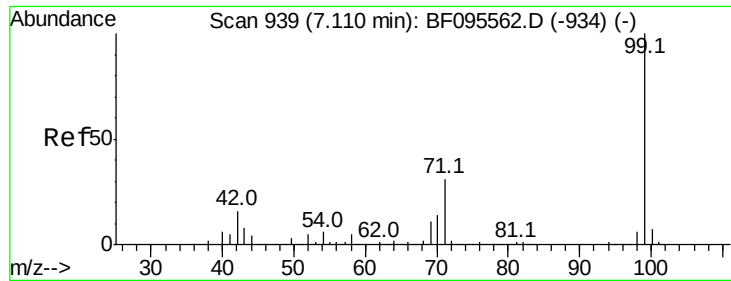


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 116.23 ng

RT: 7.09 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampled :

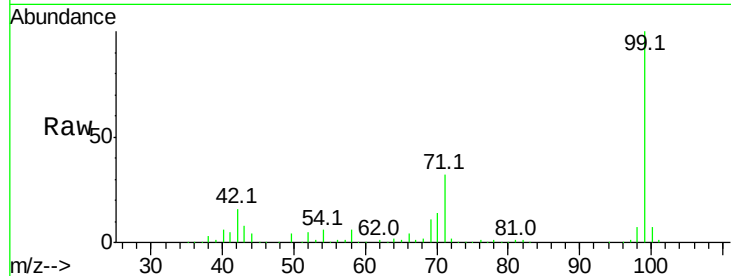
Tot Ion: 99 Resp: 936574

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

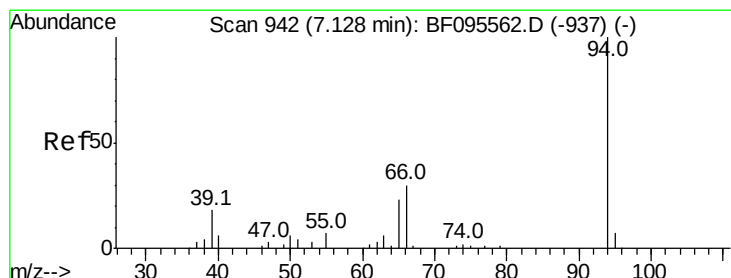
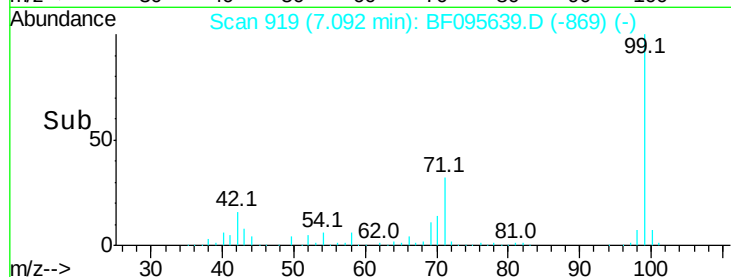
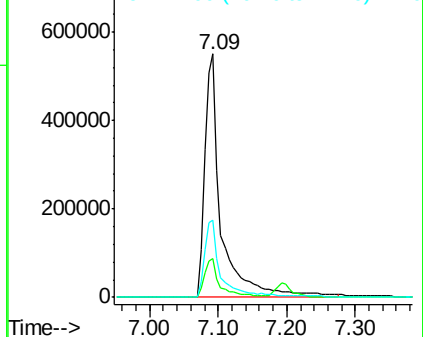
71 31.9 24.5 36.7



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: 3.29 ng

RT: 7.11 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

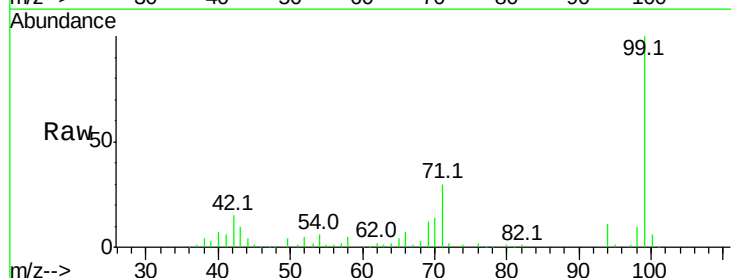
Tgt Ion: 94 Resp: 27938

Ion Ratio Lower Upper

94 100

65 33.1 9.9 49.9

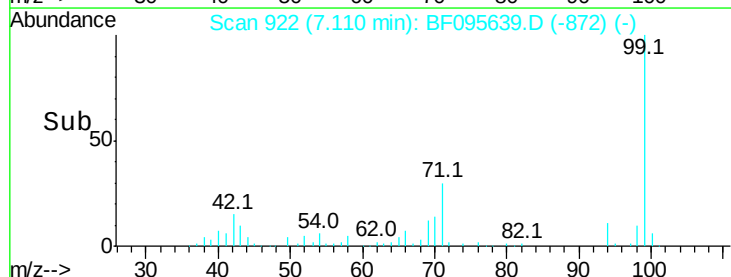
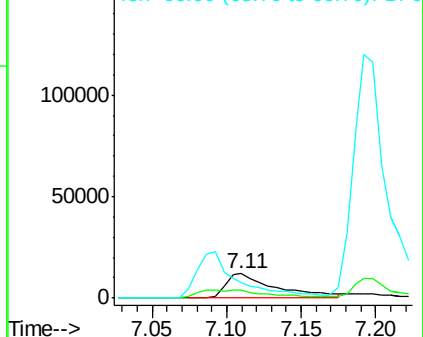
66 65.6 23.1 63.1#

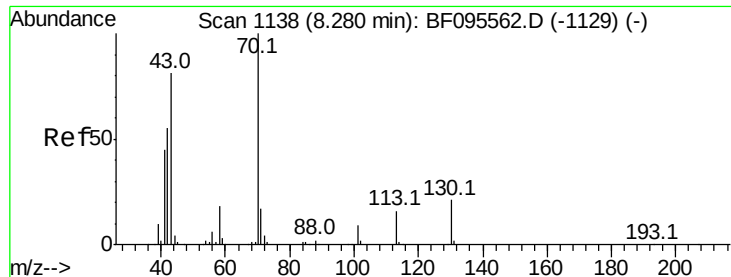


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 12.64 ng

RT: 8.45 min Scan# 1150

Delta R.T. 0.18 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 68871

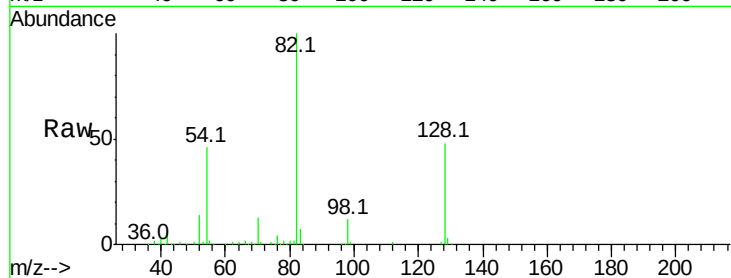
Ion Ratio Lower Upper

70 100

42 42.4 47.2 70.8#

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

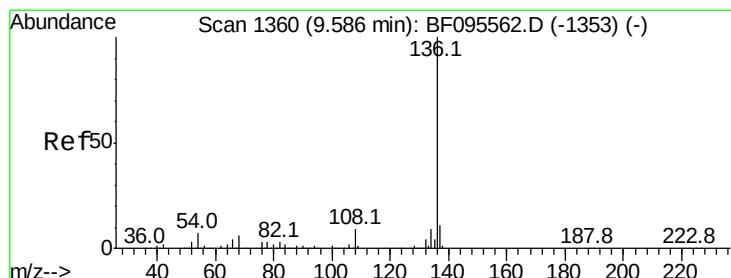
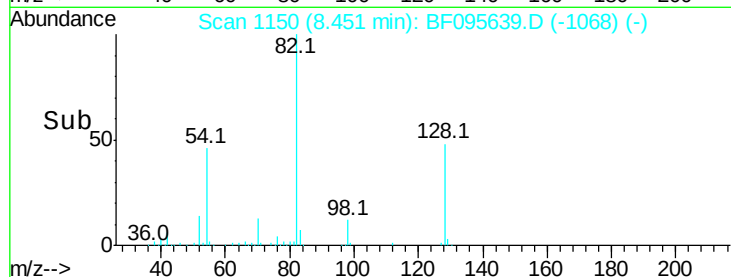
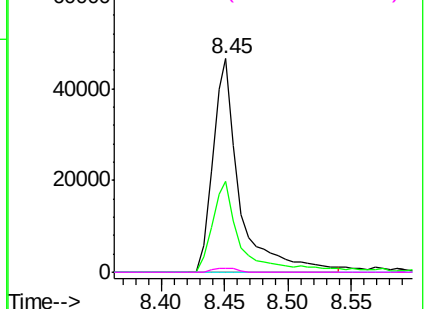


Abundance Ion 70.00 (69.70 to 70.70): BF0

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. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Tgt Ion:136 Resp: 483788

Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.8 4.9 7.3

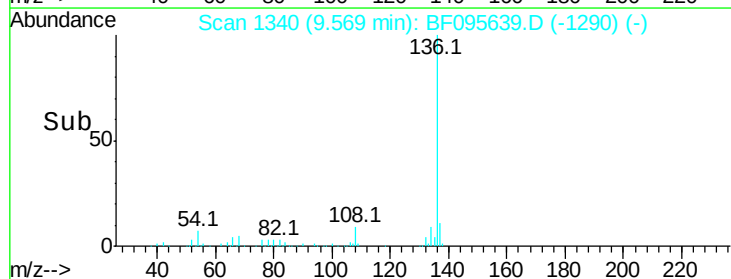
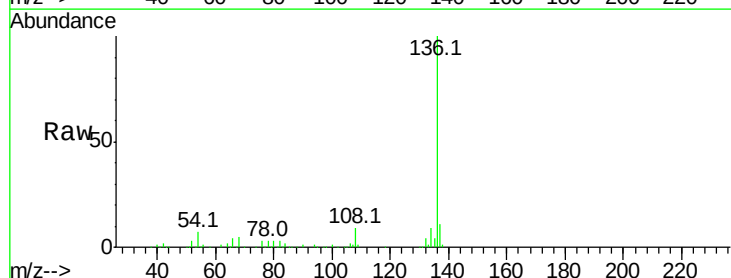
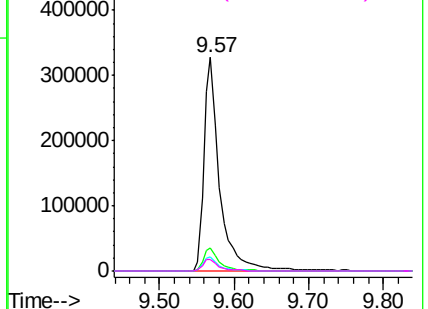
68 5.3 4.1 6.1

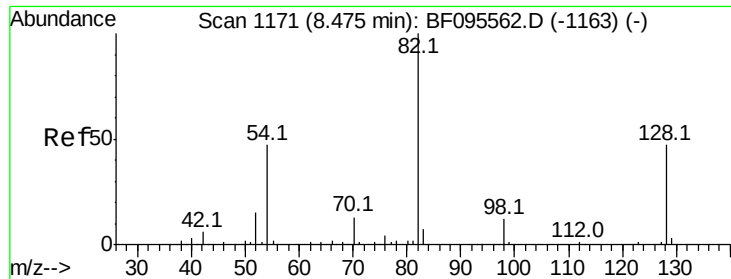
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

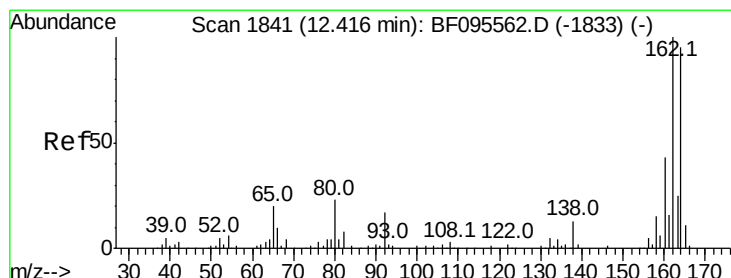
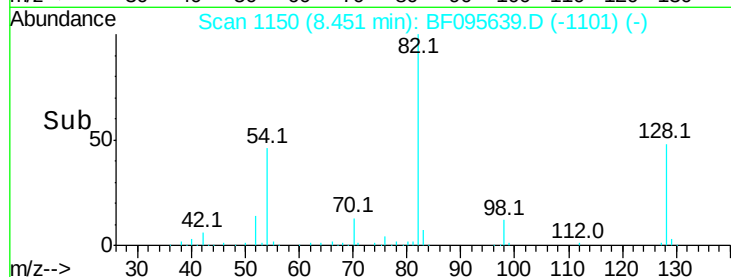
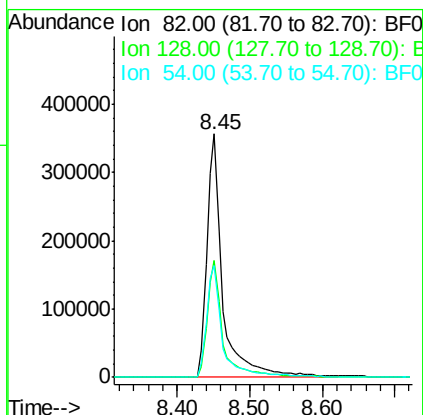
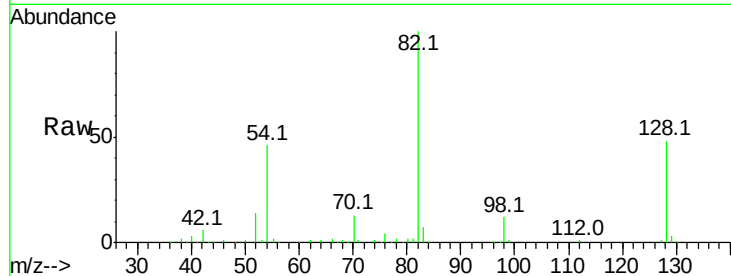




#23
 Nitrobenzene-d5
 Concen: 70.51 ng
 RT: 8.45 min Scan# 1150
 Delta R.T. -0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

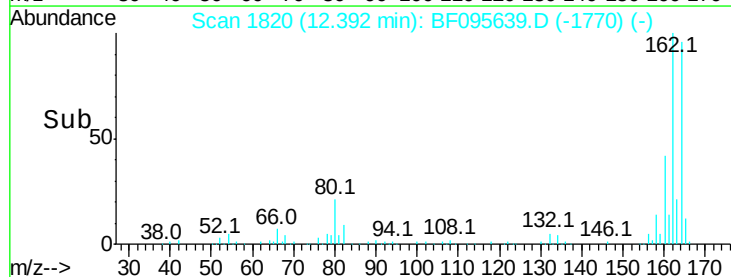
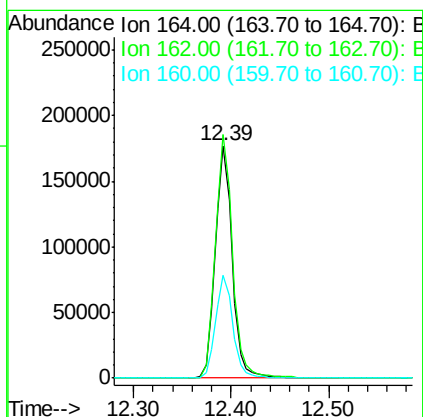
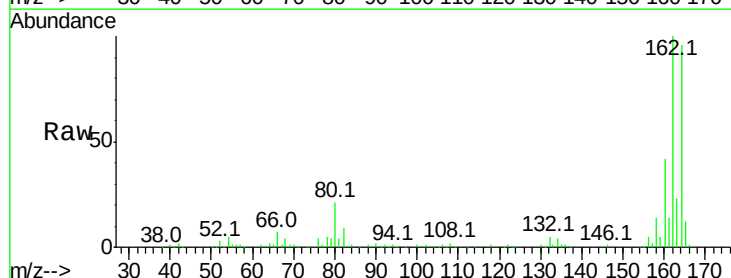
Instrument :
 BNA_F
 ClientSampleID :

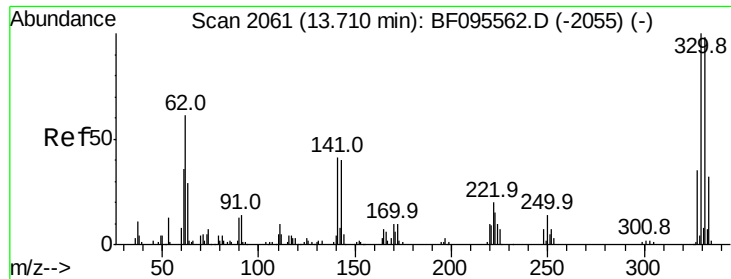
Tot Ion: 82 Resp: 540981
 Ion Ratio Lower Upper
 82 100
 128 48.1 34.0 51.0
 54 46.0 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.39 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Tgt Ion: 164 Resp: 213391
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 44.3 36.2 54.2

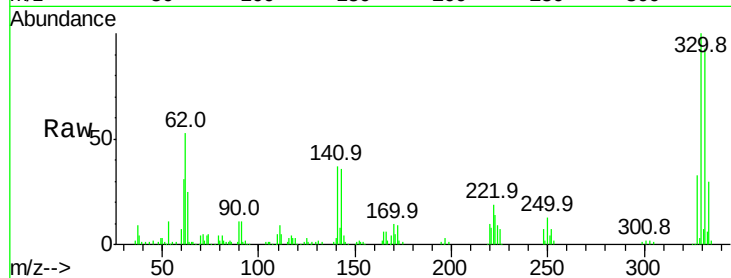




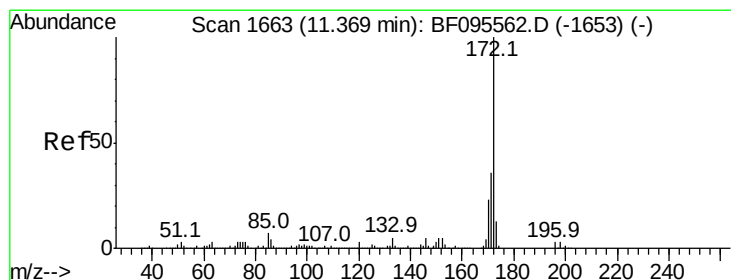
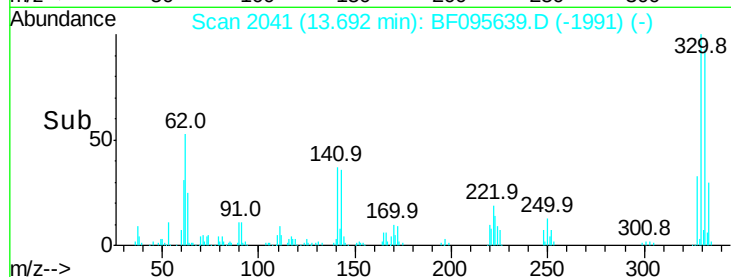
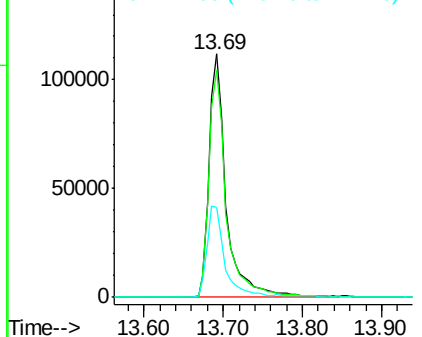
#41
 2,4,6-Tribromophenol
 Concen: 96.77 ng
 RT: 13.69 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 169117
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 40.1 31.4 47.2

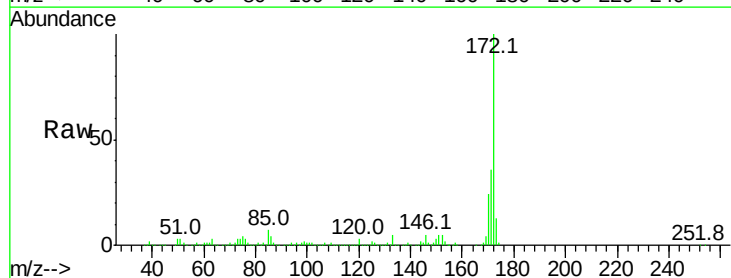


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

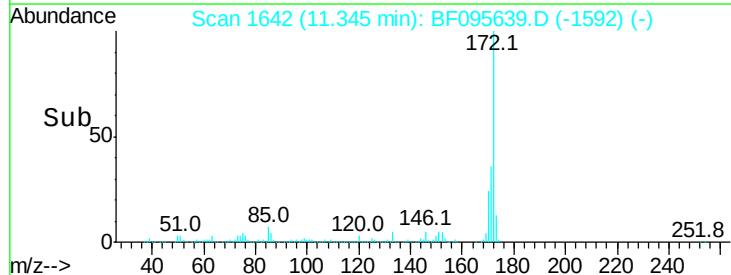
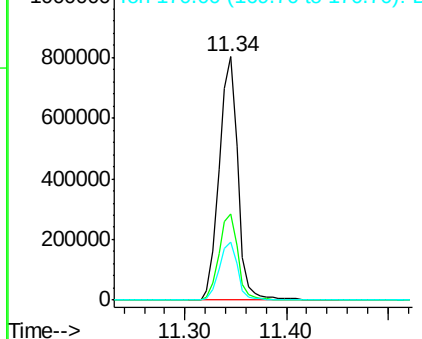


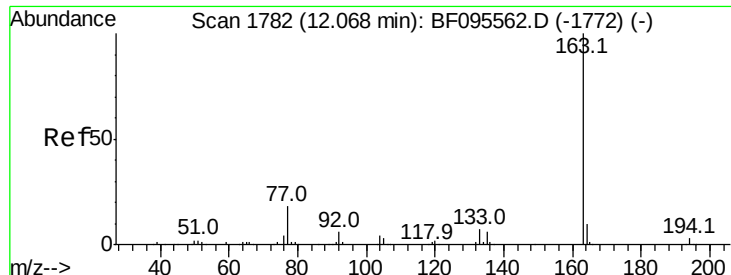
#44
 2-Fluorobiphenyl
 Concen: 69.17 ng
 RT: 11.34 min Scan# 1642
 Delta R.T. -0.01 min
 Lab File: BF095639.D
 Acq: 2 Jun 2017 17:56

Tgt Ion:172 Resp: 1025553
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 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: 16.85 ng

RT: 12.03 min Scan# 1759

Delta R.T. -0.02 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

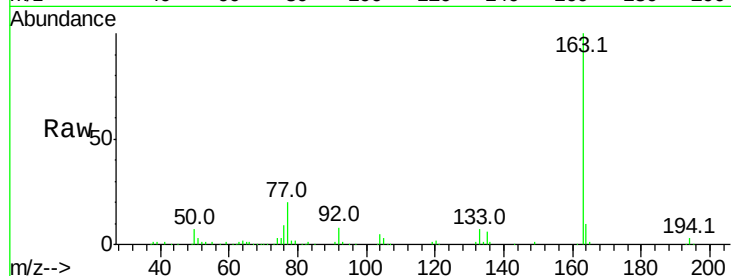
Tot Ion:163 Resp: 295192

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

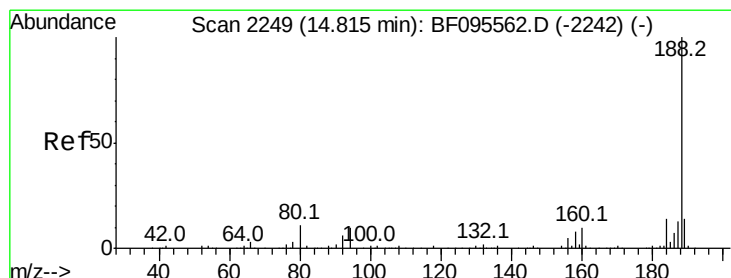
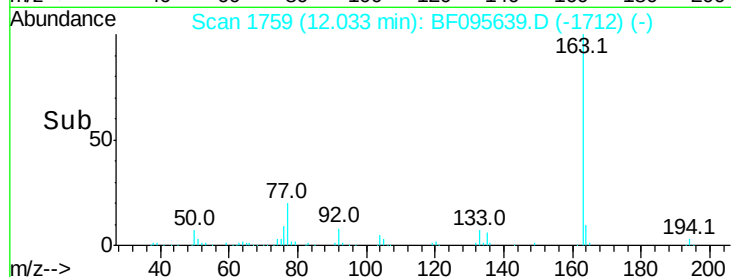
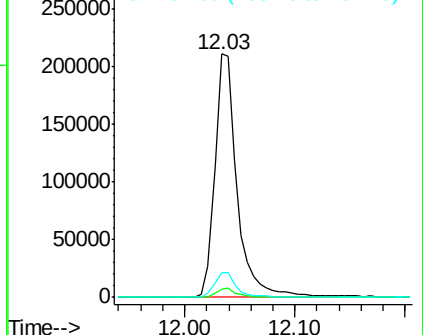
164 10.0 8.4 12.6



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: 14.80 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

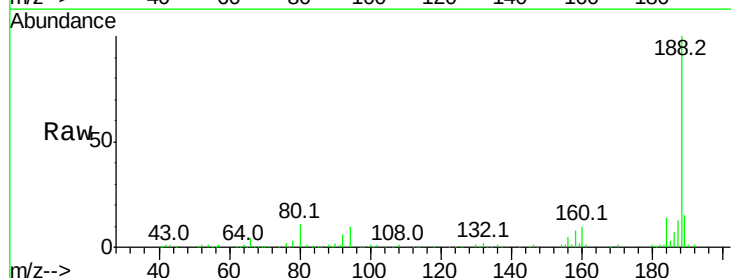
Tgt Ion:188 Resp: 339110

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

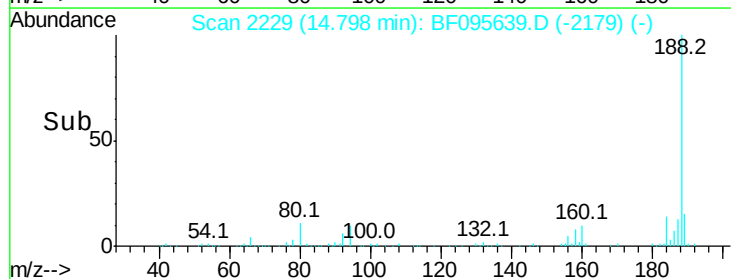
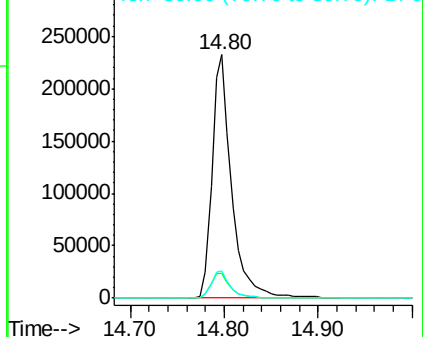
80 11.2 10.2 15.2

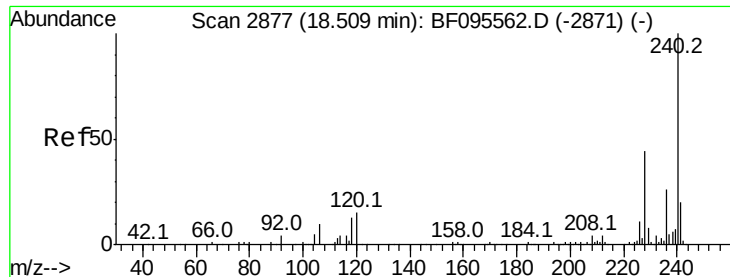


Abundance Ion 188.00 (187.70 to 188.70): E

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. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

Instrument :

BNA_F

ClientSampleId :

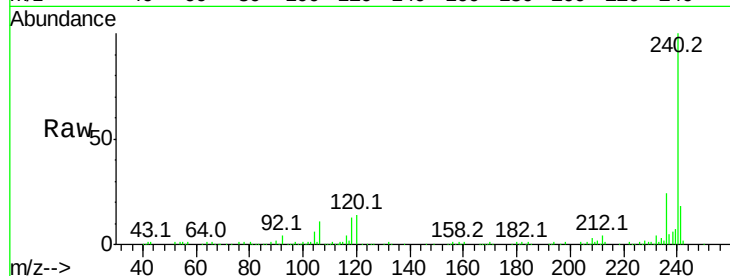
Tot Ion:240 Resp: 213289

Ion Ratio Lower Upper

240 100

120 14.4 5.8 8.8#

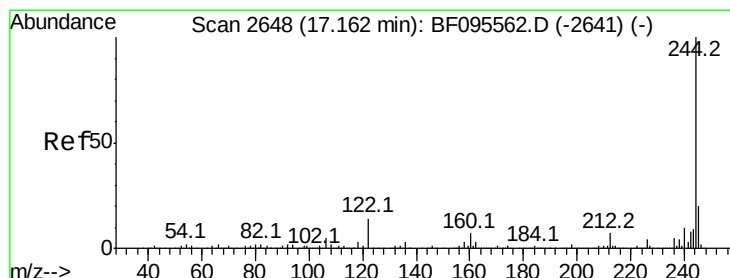
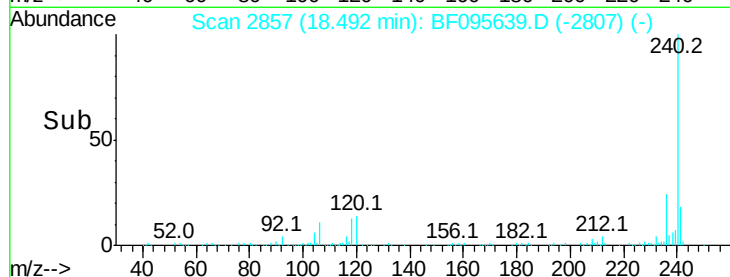
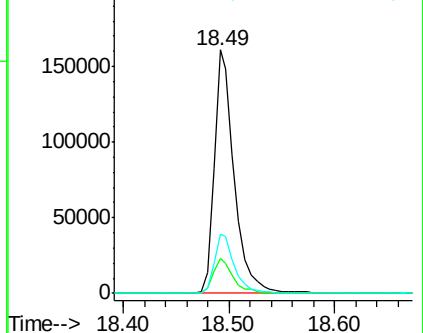
236 24.2 20.5 30.7



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: 66.40 ng

RT: 17.14 min Scan# 2628

Delta R.T. -0.01 min

Lab File: BF095639.D

Acq: 2 Jun 2017 17:56

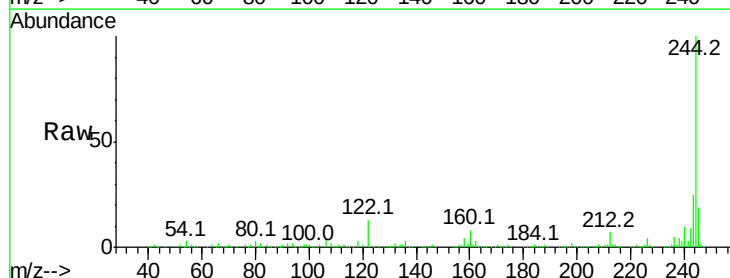
Tgt Ion:244 Resp: 642949

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

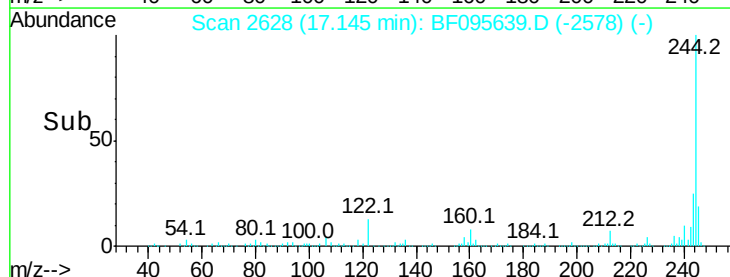
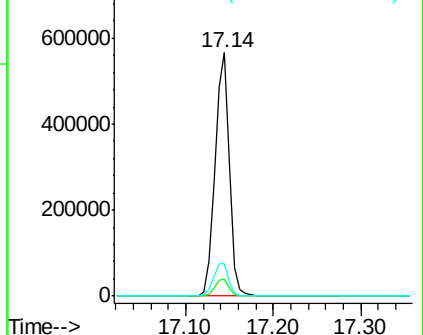
122 13.3 10.3 15.5

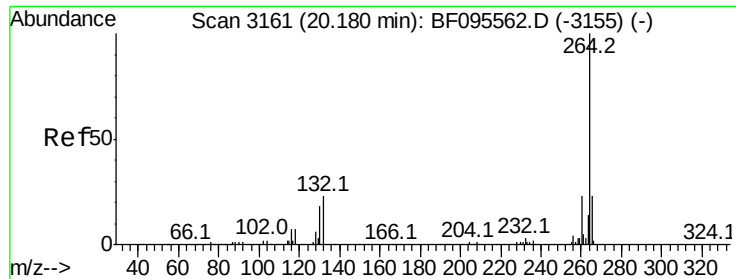


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

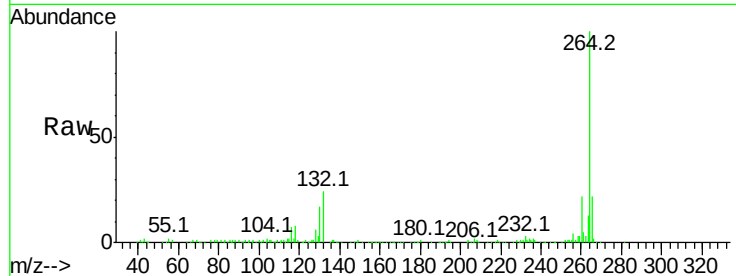




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.17 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BF095639.D
Acq: 2 Jun 2017 17:56

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	19.5	29.3
265	21.9	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

