

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095364.D
 Acq On : 23 May 2017 22:05
 Operator : SJ/MA
 Sample : I3249-08
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:31:49 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

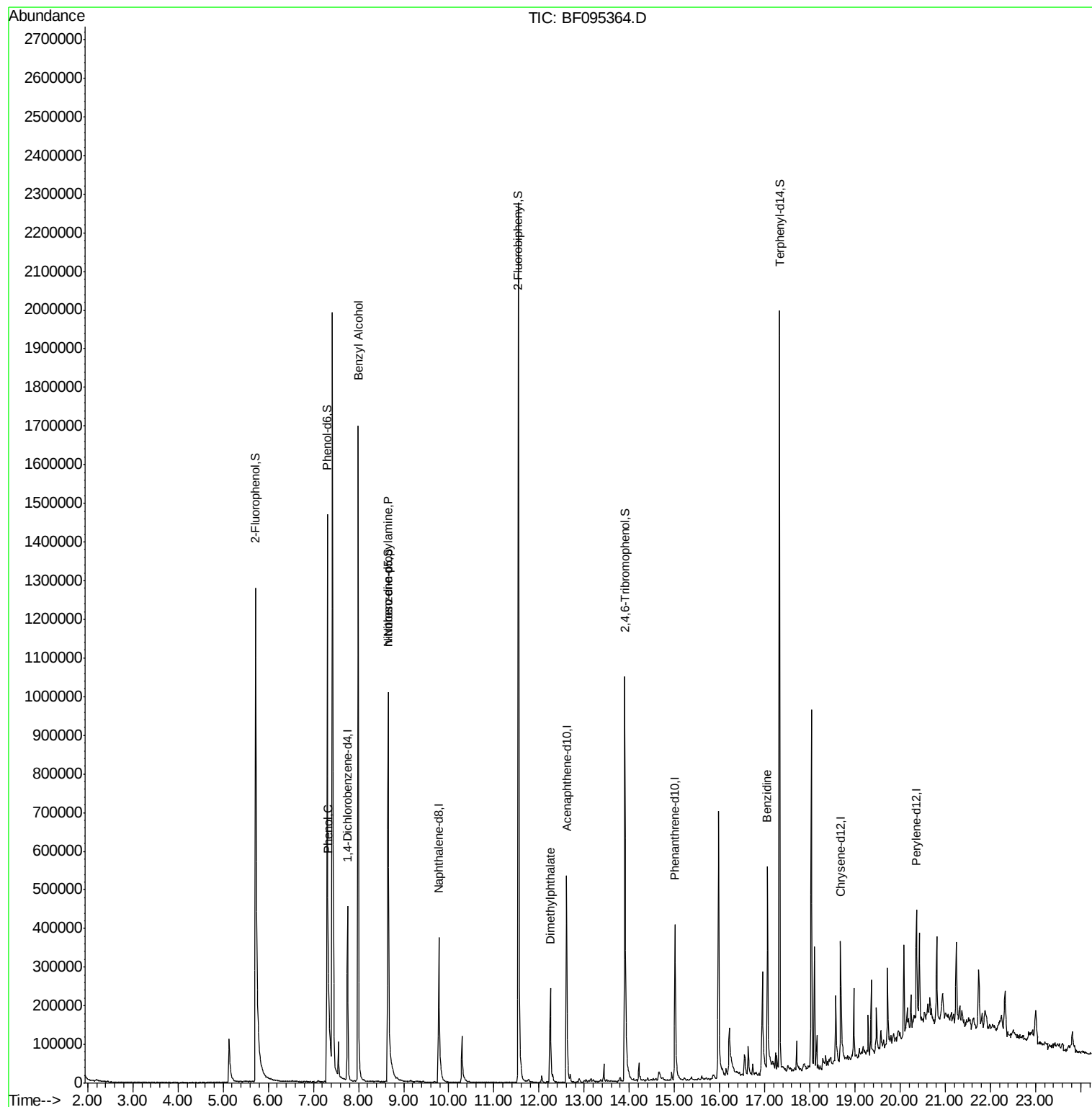
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	100221	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	376961	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	179873	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	278082	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	166005	20.00	ng	-0.01
86) Perylene-d12	20.36	264	179001	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	893659	148.66	ng	-0.02
7) Phenol-d6	7.31	99	1095089	151.83	ng	0.00
23) Nitrobenzene-d5	8.66	82	650849	108.87	ng	-0.01
41) 2,4,6-Tribromophenol	13.91	330	220577	149.74	ng	-0.01
44) 2-Fluorobiphenyl	11.54	172	1204469	96.38	ng	-0.02
78) Terphenyl-d14	17.33	244	791411	105.00	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	15578	2.05	ng	# 1
15) Benzyl Alcohol	7.99	79	9760	2.10	ng	# 47
19) n-Nitroso-di-n-propylamine	8.66	70	76217	15.62	ng	# 74
49) Dimethylphthalate	12.25	163	207997	14.09	ng	98
76) Benzidine	17.07	184	127	6.61	ng	# 1

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

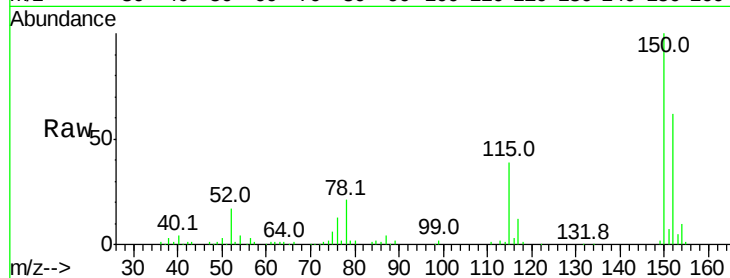
Tot Ion:152 Resp: 100221

Ion Ratio Lower Upper

152 100

150 160.9 126.2 189.2

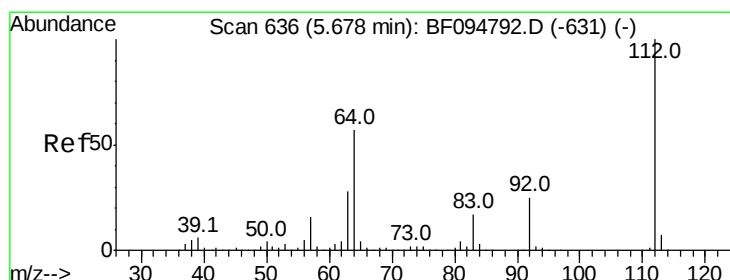
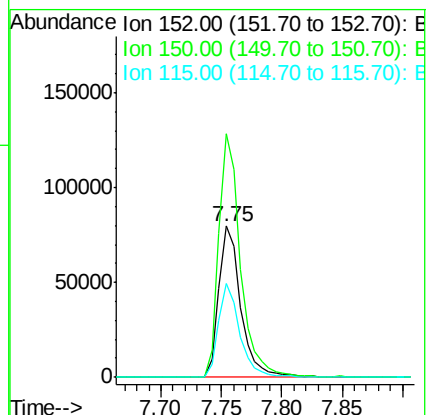
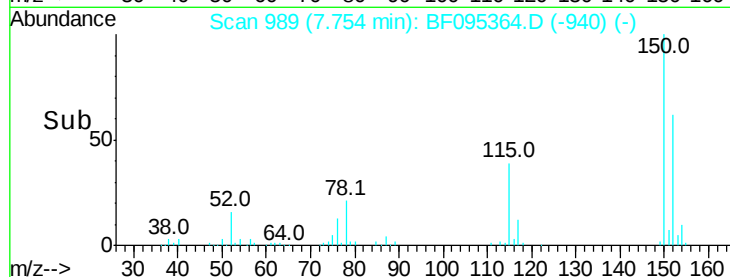
115 62.2 52.2 78.2



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: 148.66 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

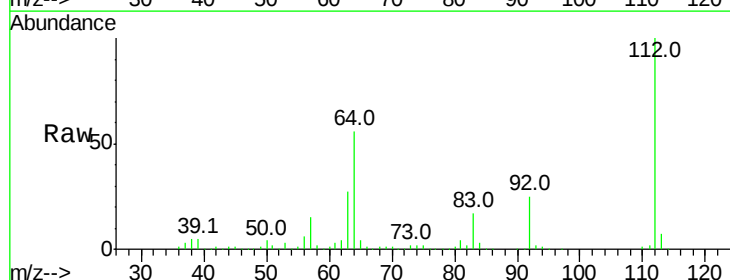
Tgt Ion:112 Resp: 893659

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

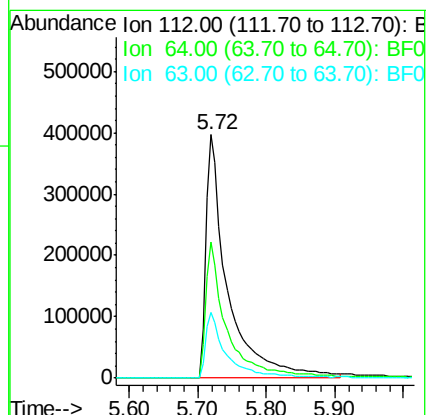
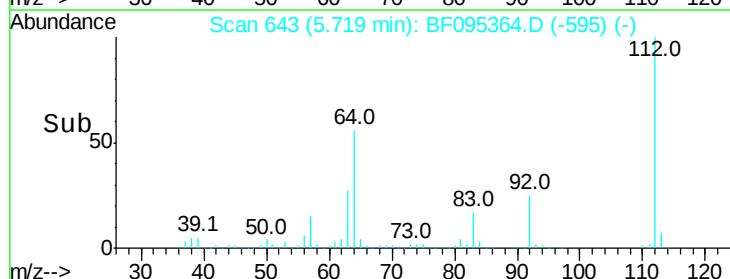
63 27.1 23.4 35.0

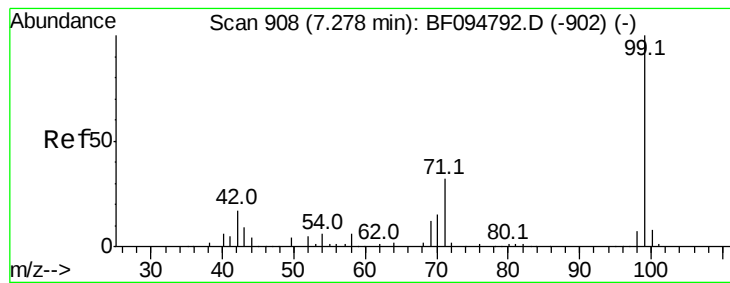


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.83 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

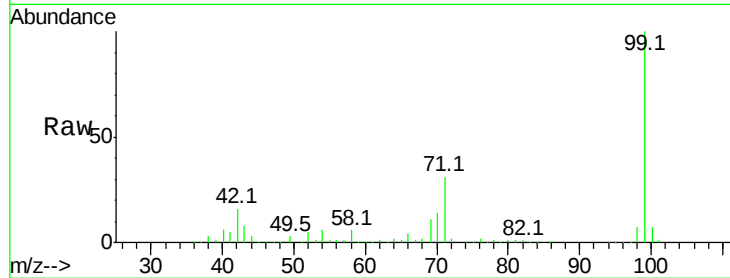
Tot Ion: 99 Resp: 1095089

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

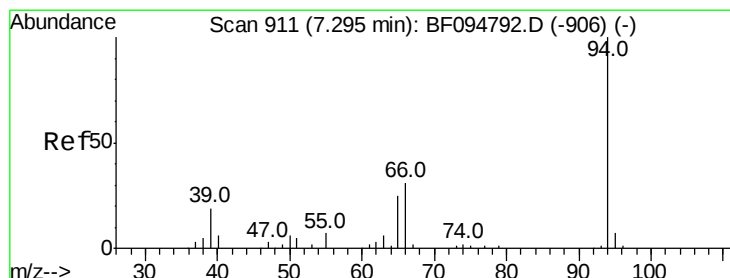
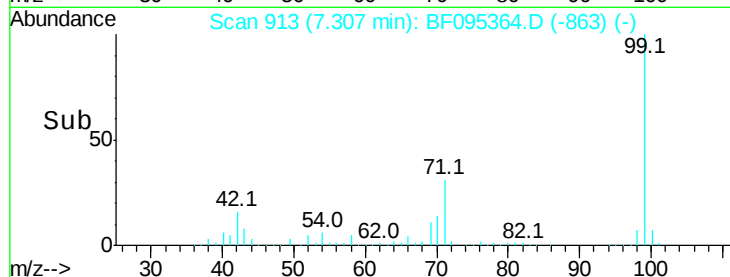
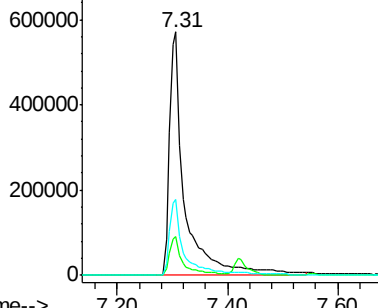
71 31.0 24.5 36.7



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: 2.05 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

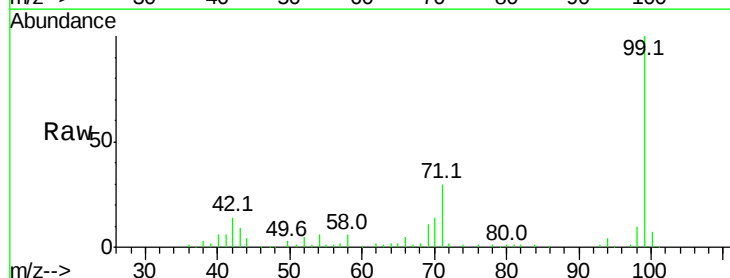
Tgt Ion: 94 Resp: 15578

Ion Ratio Lower Upper

94 100

65 56.5 9.9 49.9#

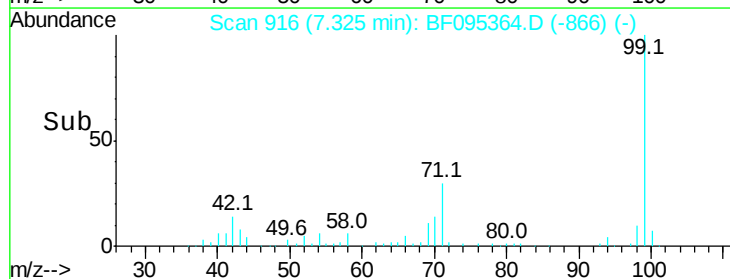
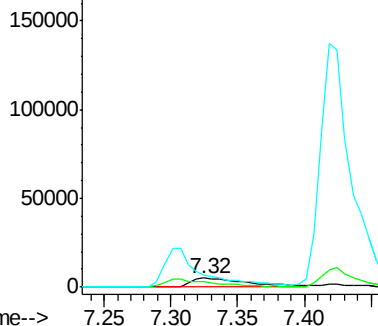
66 130.0 23.1 63.1#

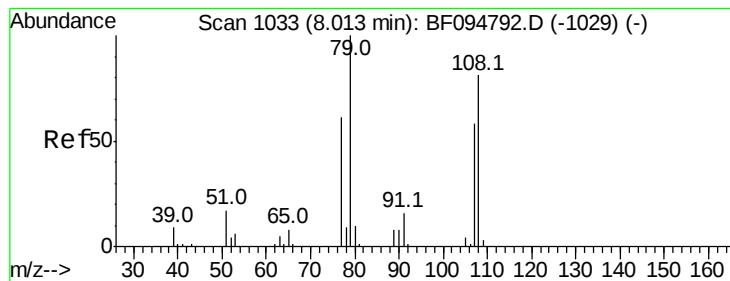


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.10 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.06 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

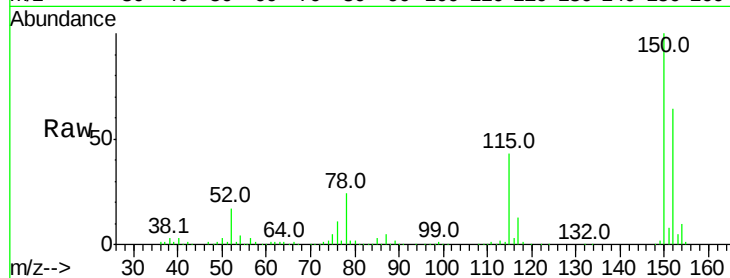
Tot Ion: 79 Resp: 9760

Ion Ratio Lower Upper

79 100

108 28.2 63.4 95.0#

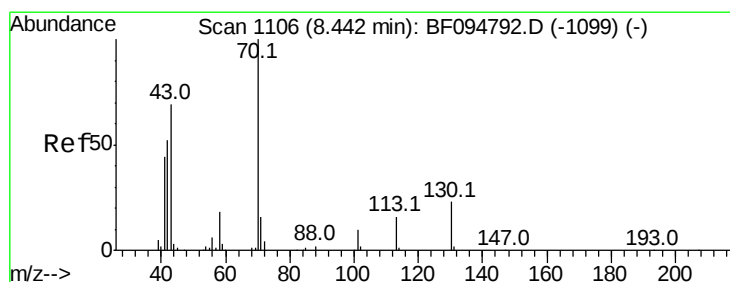
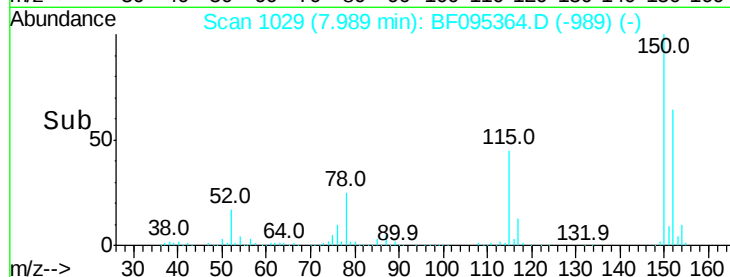
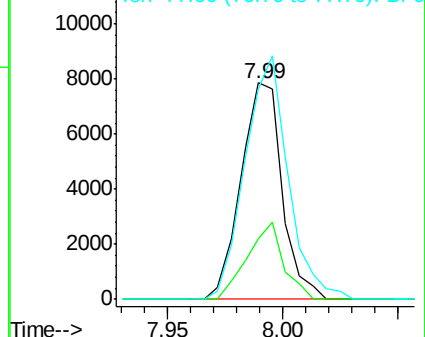
77 97.4 49.2 73.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.62 ng

RT: 8.66 min Scan# 1143

Delta R.T. 0.18 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Tgt Ion: 70 Resp: 76217

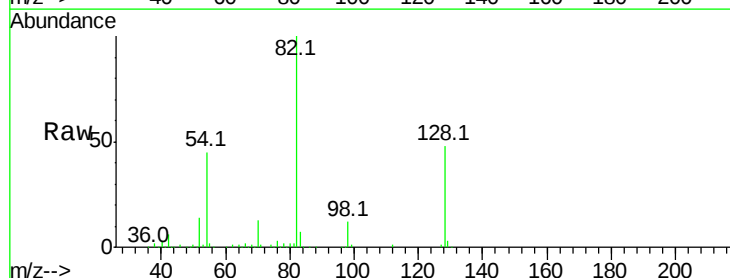
Ion Ratio Lower Upper

70 100

42 42.8 47.2 70.8#

101 0.0 7.2 10.8#

130 2.0 15.9 23.9#

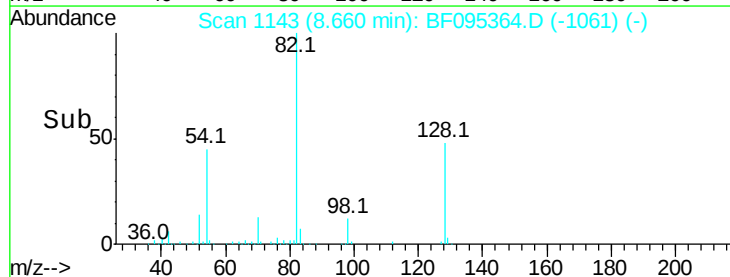
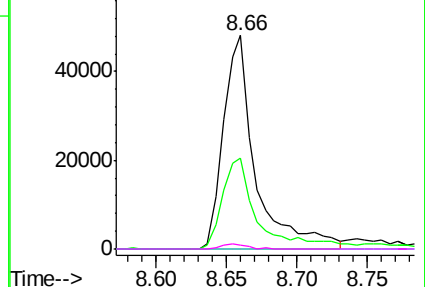


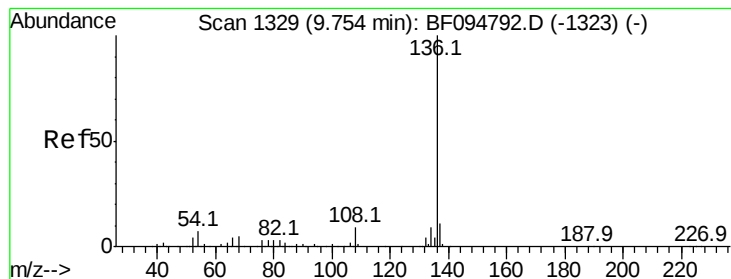
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 376961

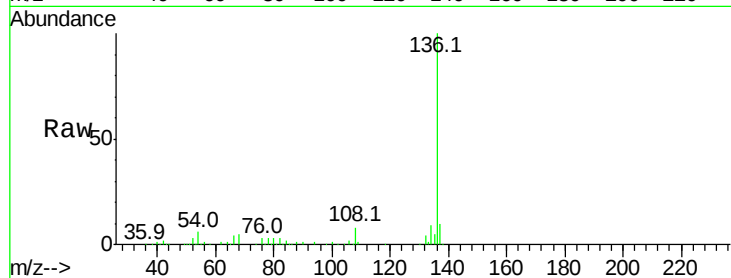
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.4 4.9 7.3

68 5.2 4.1 6.1

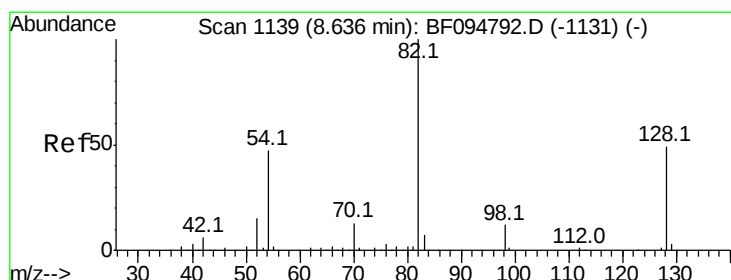
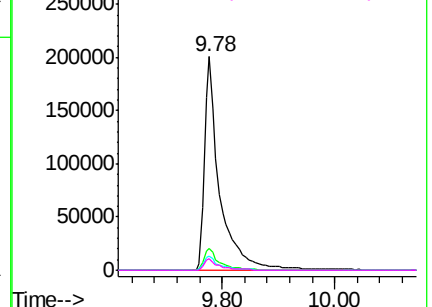
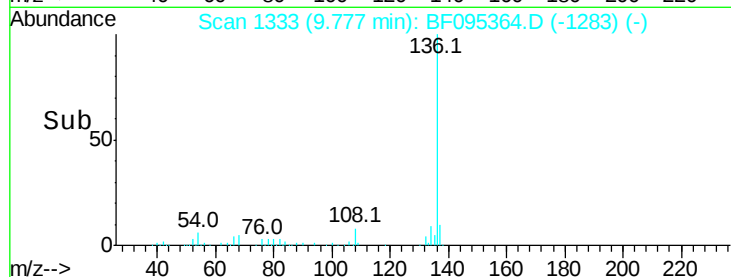


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.87 ng

RT: 8.66 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

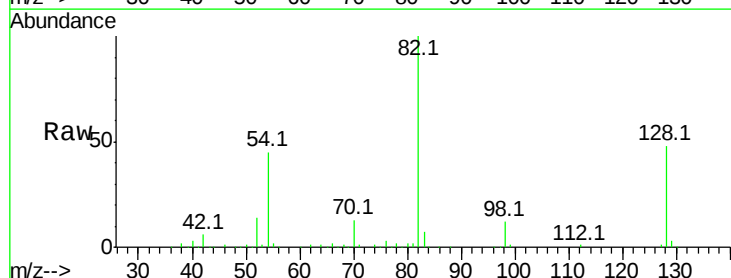
Tgt Ion: 82 Resp: 650849

Ion Ratio Lower Upper

82 100

128 48.0 34.0 51.0

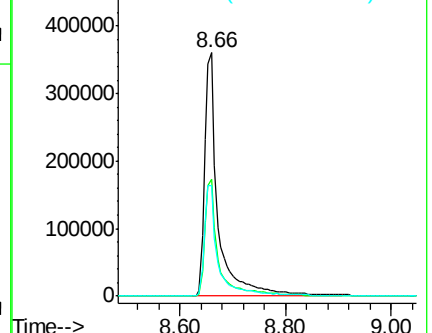
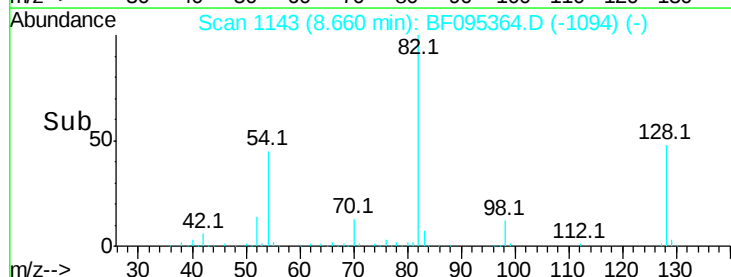
54 45.4 42.2 63.2

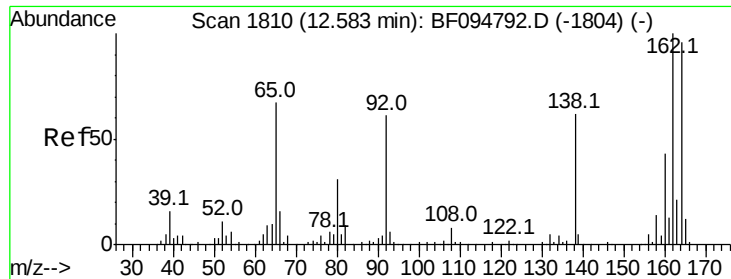


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.61 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

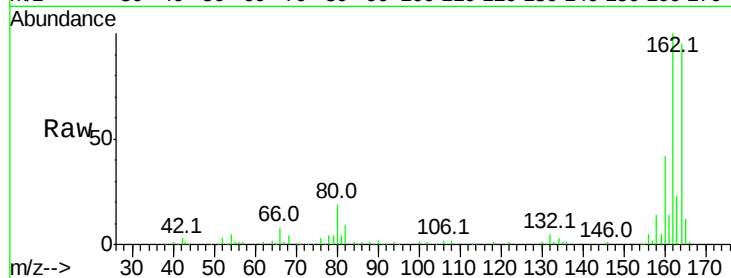
Tot Ion:164 Resp: 179873

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

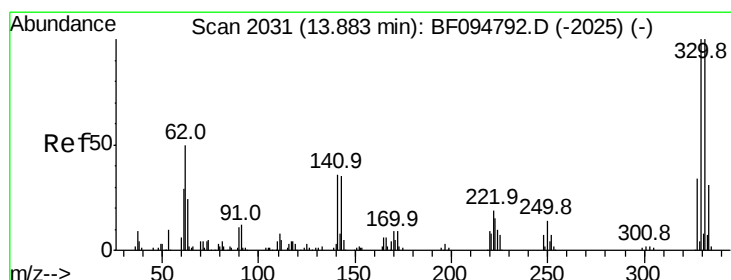
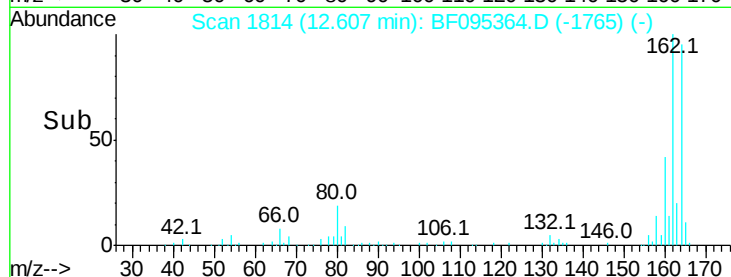
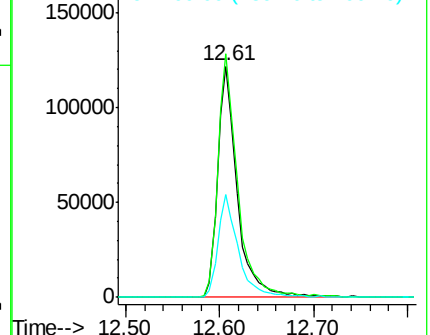
160 44.4 36.2 54.2



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: 149.74 ng

RT: 13.91 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

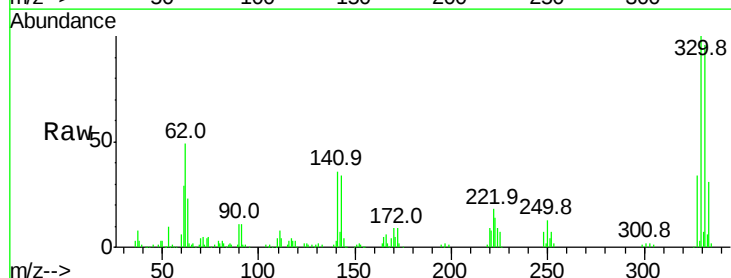
Tgt Ion:330 Resp: 220577

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

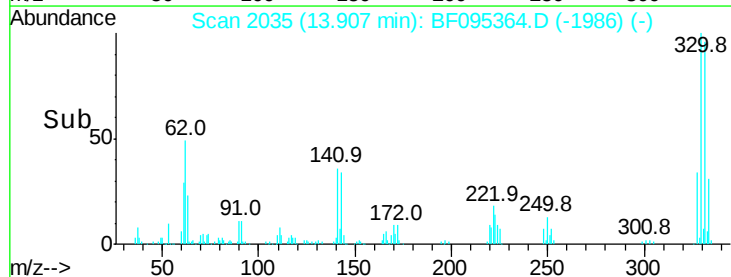
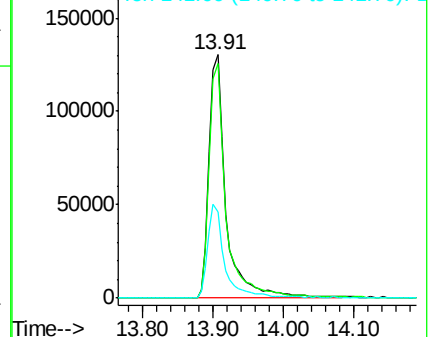
141 37.9 31.4 47.2



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

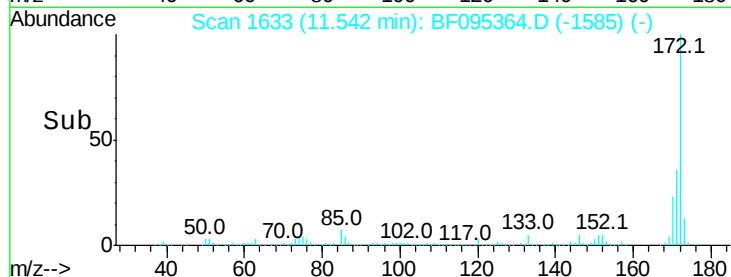
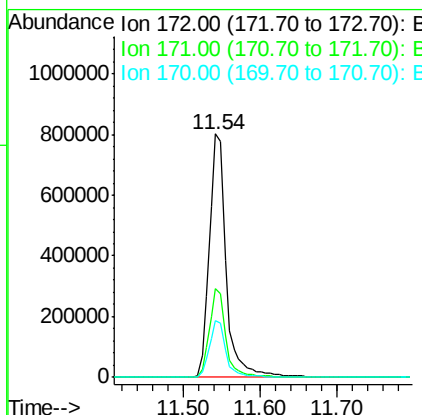
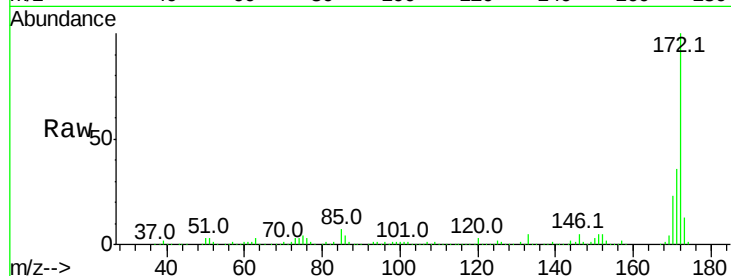




#44
2-Fluorobiphenyl
Concen: 96.38 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095364.D
Acq: 23 May 2017 22:05

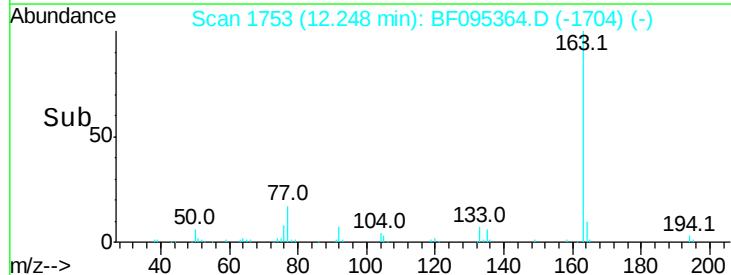
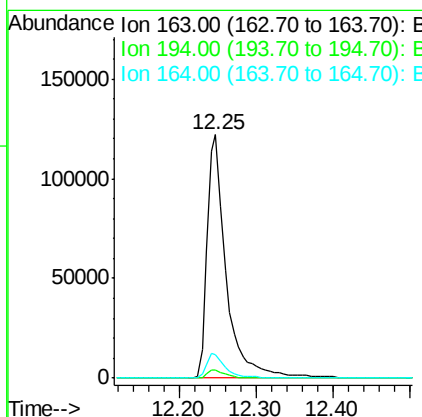
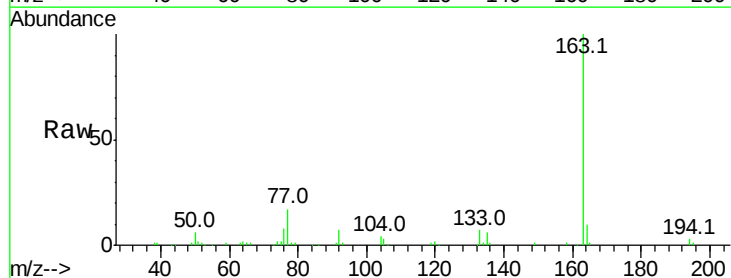
Instrument :
BNA_F
ClientSampleId :

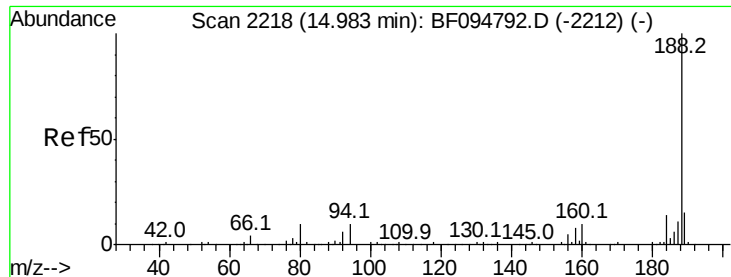
Tot Ion:172 Resp: 1204469
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 14.09 ng
RT: 12.25 min Scan# 1753
Delta R.T. -0.01 min
Lab File: BF095364.D
Acq: 23 May 2017 22:05

Tgt Ion:163 Resp: 207997
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.7 8.4 12.6

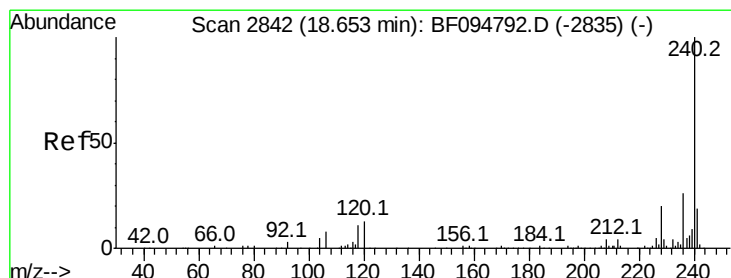
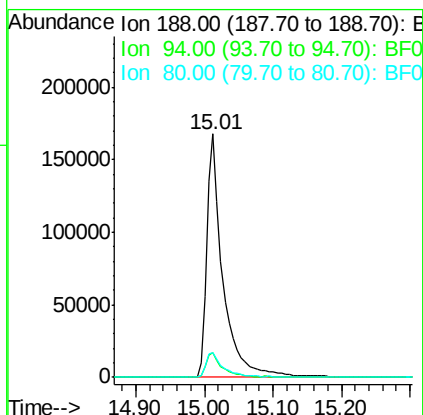
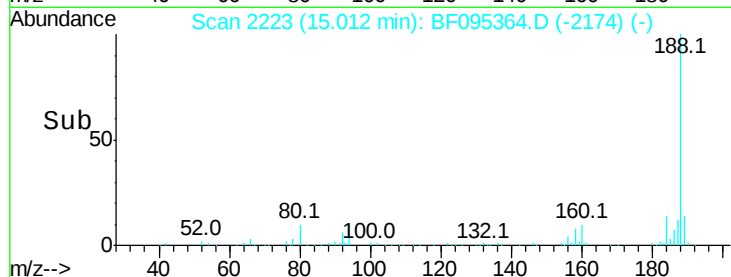
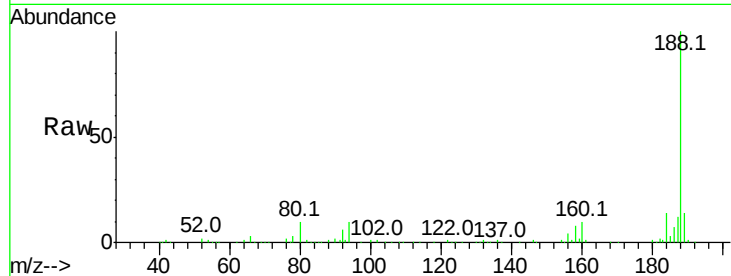




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095364.D
 Acq: 23 May 2017 22:05

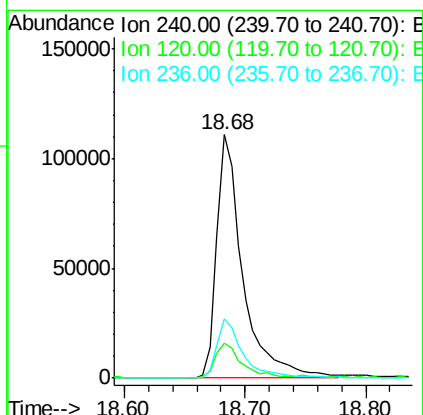
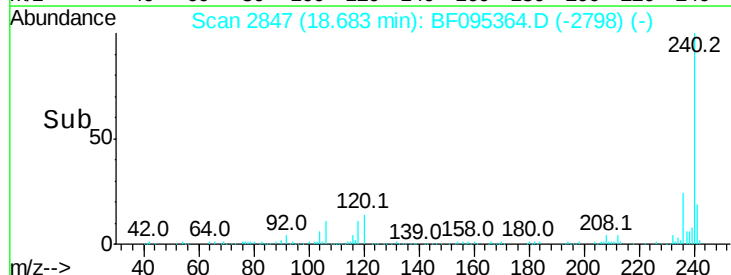
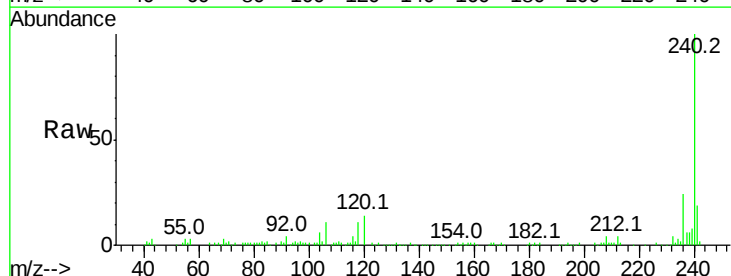
Instrument :
 BNA_F
 ClientSampleId :

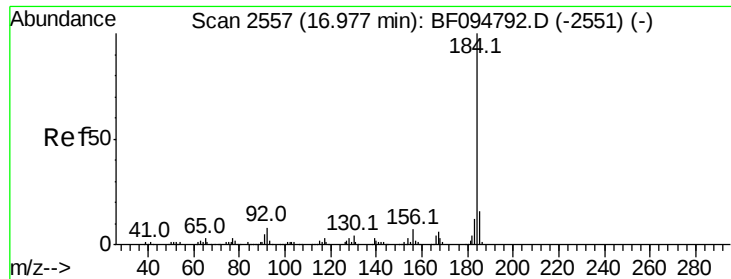
Tot Ion:188 Resp: 278082
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 10.4 10.2 15.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095364.D
 Acq: 23 May 2017 22:05

Tgt Ion:240 Resp: 166005
 Ion Ratio Lower Upper
 240 100
 120 14.4 5.8 8.8#
 236 24.3 20.5 30.7





#76

Benzidine

Concen: 6.61 ng

RT: 17.07 min Scan# 2572

Delta R.T. 0.05 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

Instrument :

BNA_F

ClientSampleId :

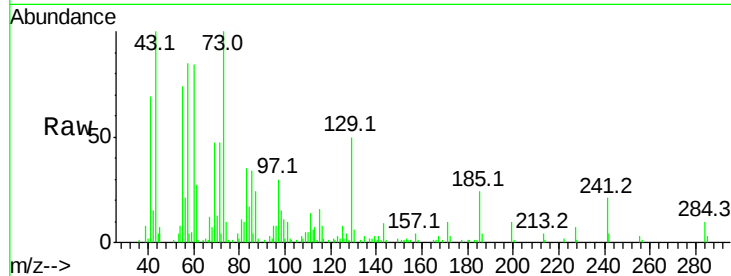
Tot Ion:184 Resp: 127

Ion Ratio Lower Upper

184 100

185 2486.7 15.5 23.3#

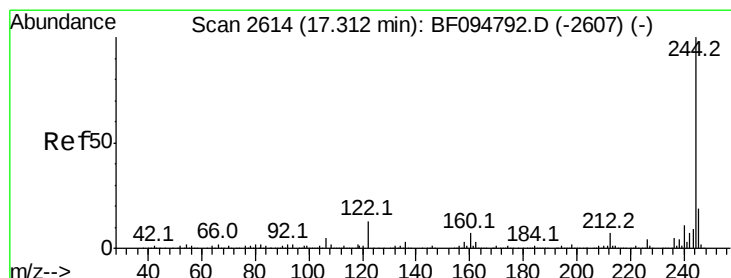
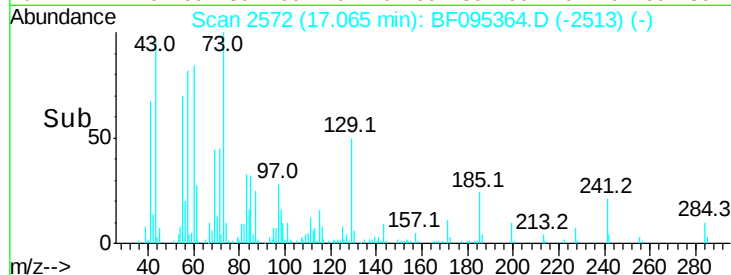
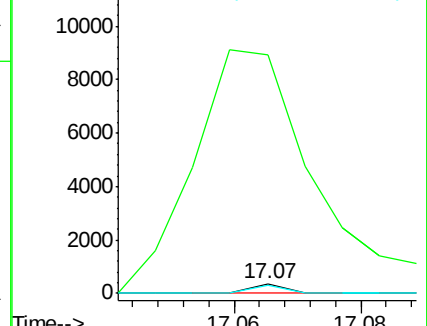
183 83.9 9.8 14.6#



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



#78

Terphenyl-d14

Concen: 105.00 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095364.D

Acq: 23 May 2017 22:05

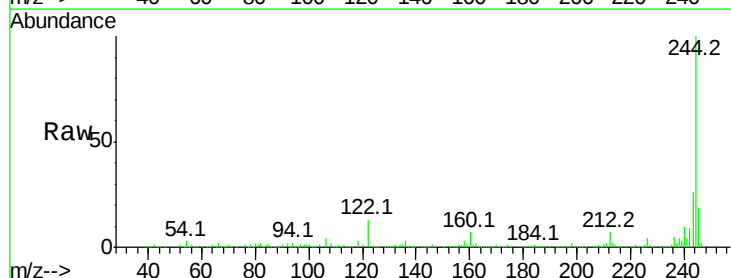
Tgt Ion:244 Resp: 791411

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

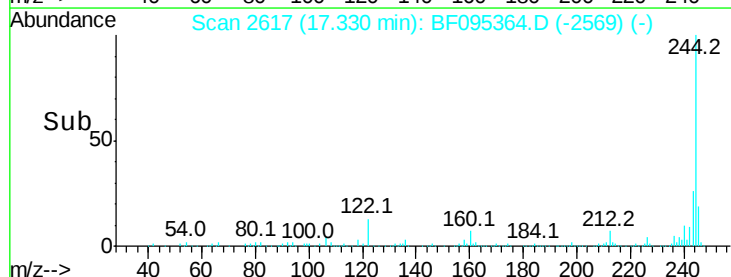
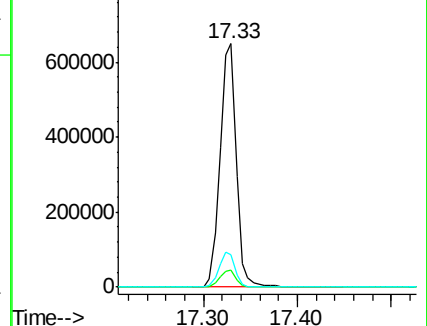
122 13.2 10.3 15.5

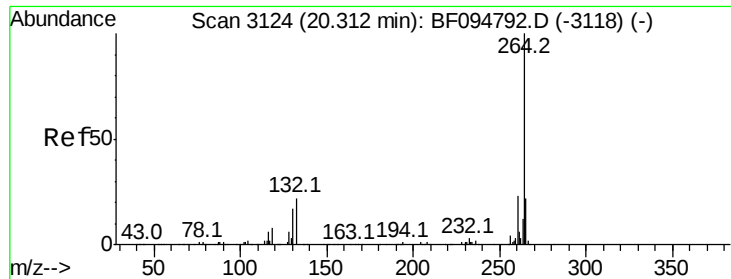


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

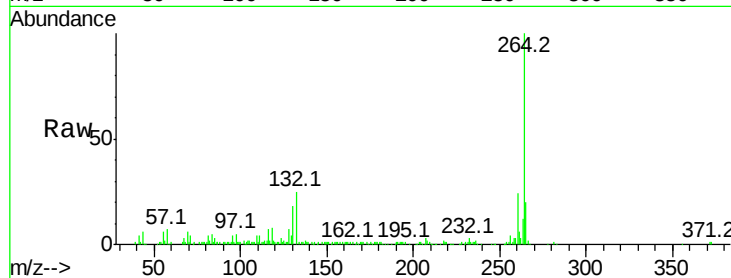




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095364.D
Acq: 23 May 2017 22:05

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	20.3	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

