

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095399.D
 Acq On : 24 May 2017 20:35
 Operator : SJ/MA
 Sample : I3221-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 25 01:07:30 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

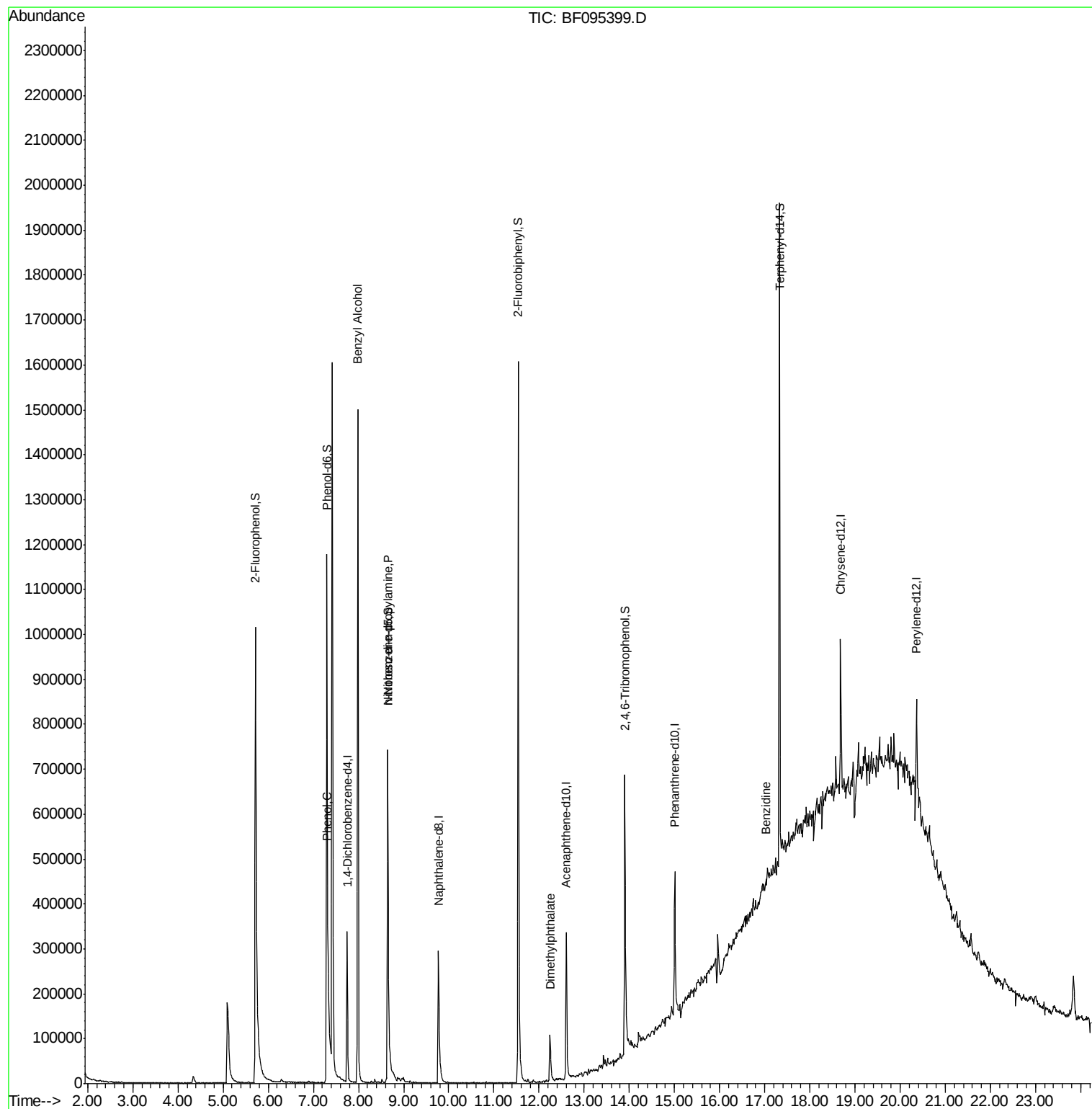
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	78762	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	302060	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	112652	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	184316	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	160041	20.00	ng	-0.01
86) Perylene-d12	20.36	264	104440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	761722	161.24	ng	-0.02
7) Phenol-d6	7.30	99	914517	161.34	ng	-0.02
23) Nitrobenzene-d5	8.65	82	484115	101.06	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	135138	146.48	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	866275	110.68	ng	-0.02
78) Terphenyl-d14	17.33	244	617629	85.00	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	18172	3.04	ng	# 35
15) Benzyl Alcohol	7.98	79	8712	2.39	ng	# 50
19) n-Nitroso-di-n-propylamine	8.65	70	57469	14.99	ng	# 78
49) Dimethylphthalate	12.24	163	97475	10.54	ng	100
76) Benzidine	17.02	184	273	6.64	ng	# 1

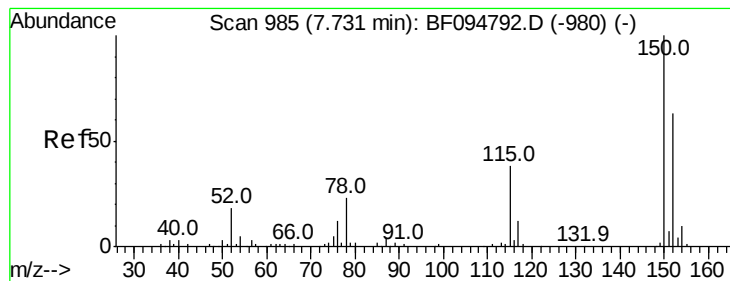
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

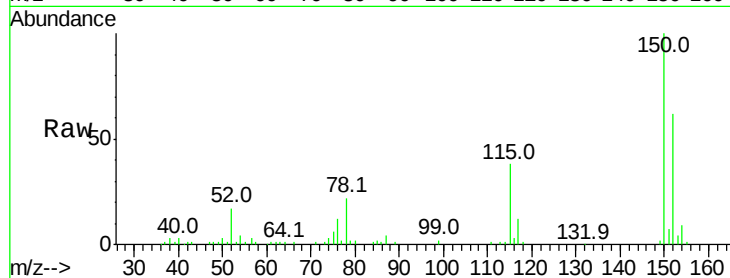
Tot Ion:152 Resp: 78762

Ion Ratio Lower Upper

152 100

150 160.4 126.2 189.2

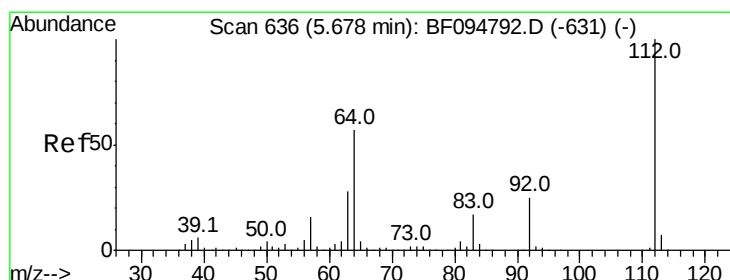
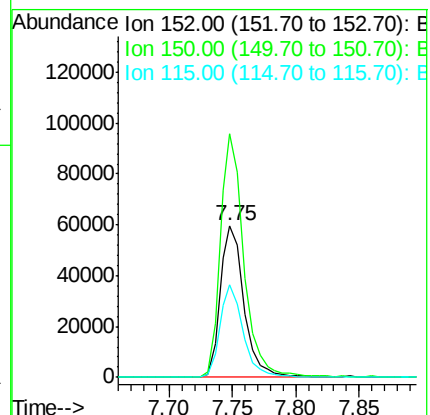
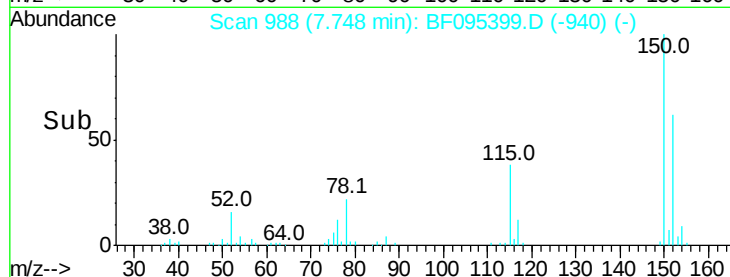
115 60.8 52.2 78.2



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: 161.24 ng

RT: 5.72 min Scan# 643

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

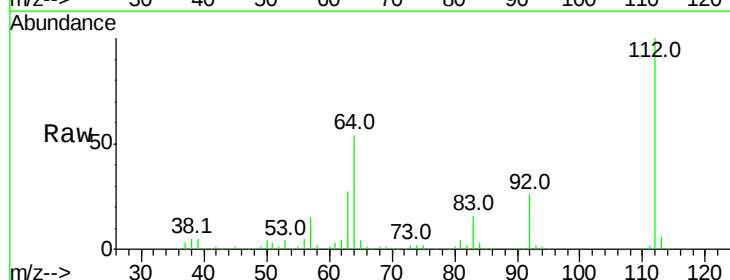
Tgt Ion:112 Resp: 761722

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

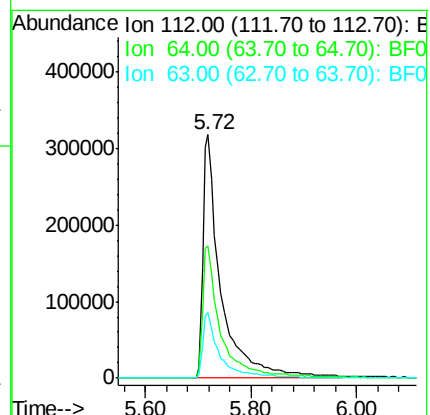
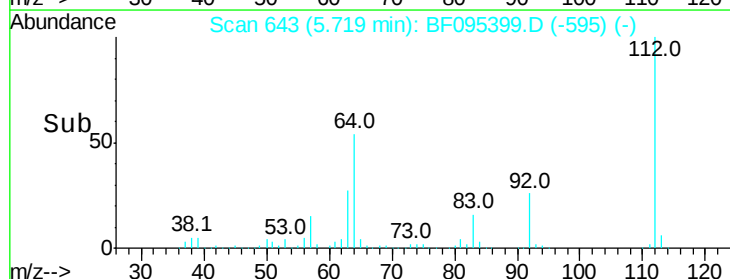
63 26.7 23.4 35.0



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: 161.34 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

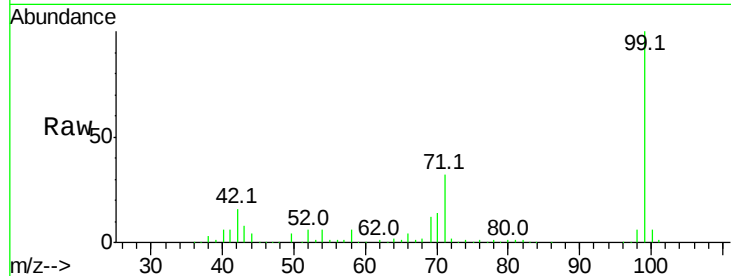
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 914517

Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	32.5	24.5	36.7

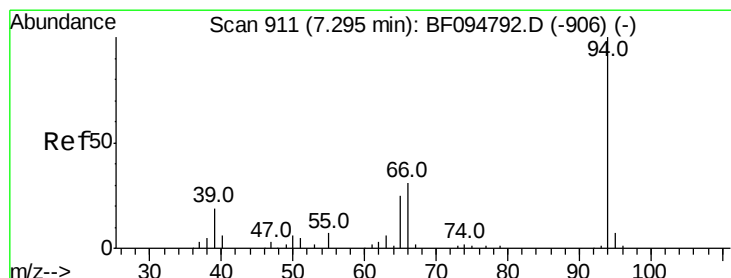
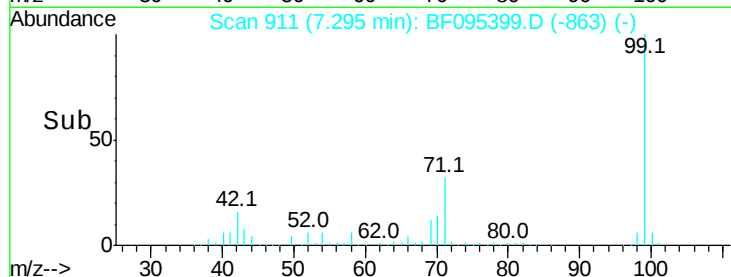
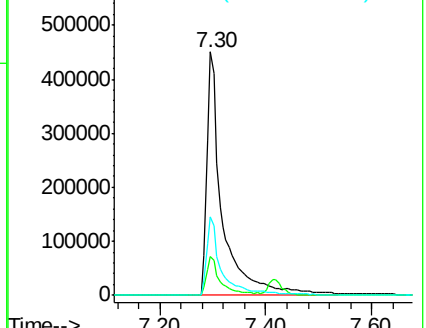


Abundance

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



#10

Phenol

Concen: 3.04 ng

RT: 7.32 min Scan# 915

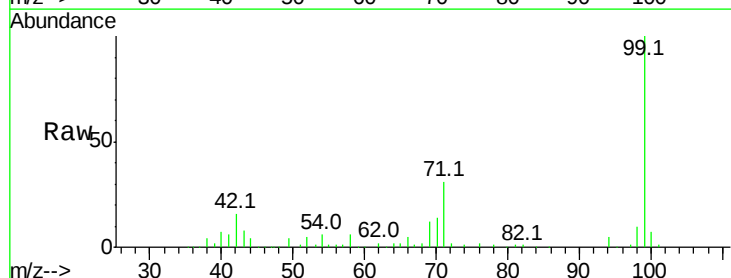
Delta R.T. -0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Tgt Ion: 94 Resp: 18172

Ion	Ratio	Lower	Upper
94	100		
65	44.2	9.9	49.9
66	101.6	23.1	63.1

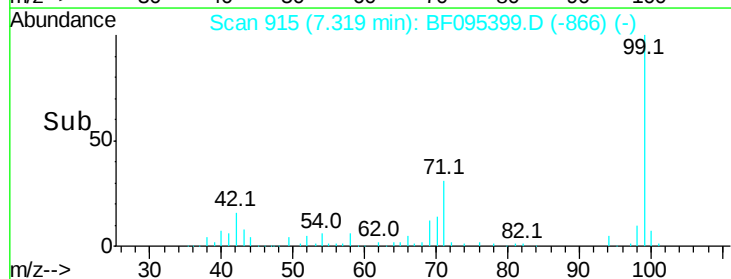
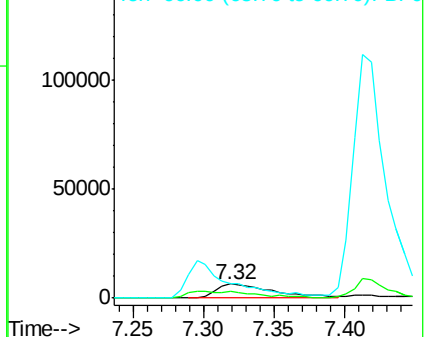


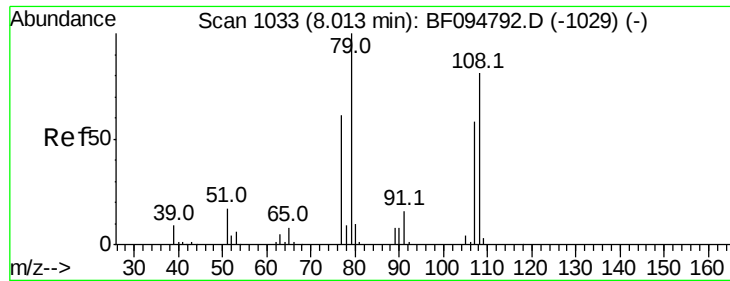
Abundance

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





#15

Benzyl Alcohol

Concen: 2.39 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.07 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

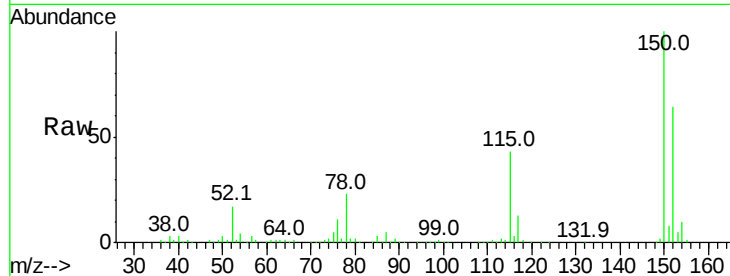
Tot Ion: 79 Resp: 8712

Ion Ratio Lower Upper

79 100

108 25.1 63.4 95.0#

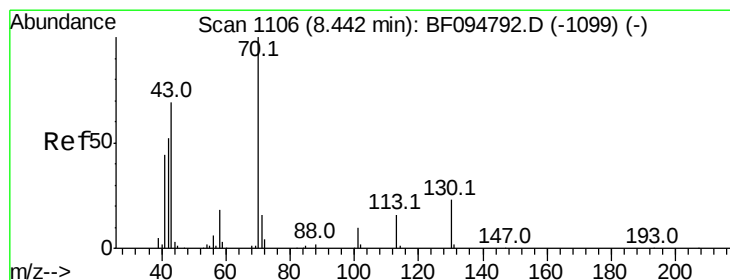
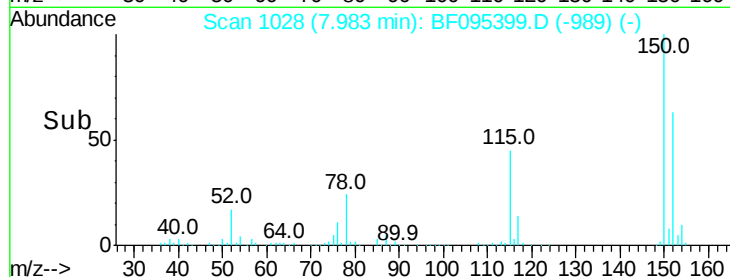
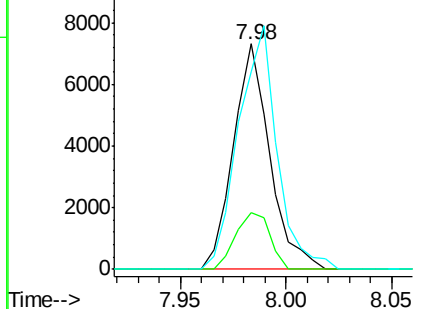
77 87.6 49.2 73.8#



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: 14.99 ng

RT: 8.65 min Scan# 1141

Delta R.T. 0.17 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Tgt Ion: 70 Resp: 57469

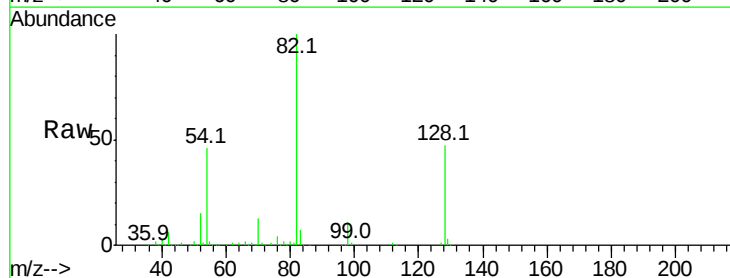
Ion Ratio Lower Upper

70 100

42 47.3 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

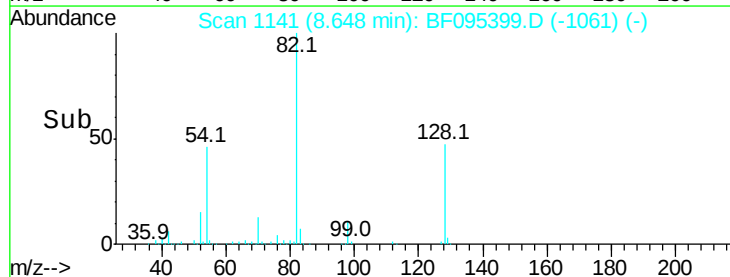
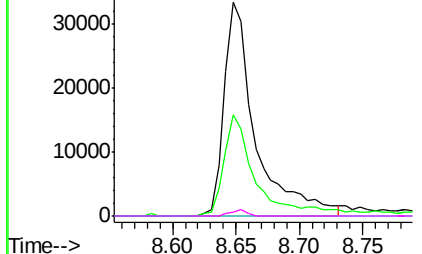


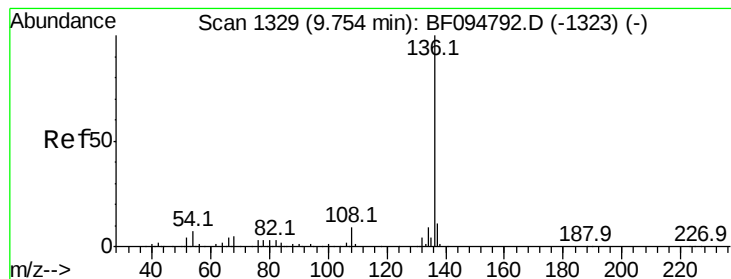
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 302060

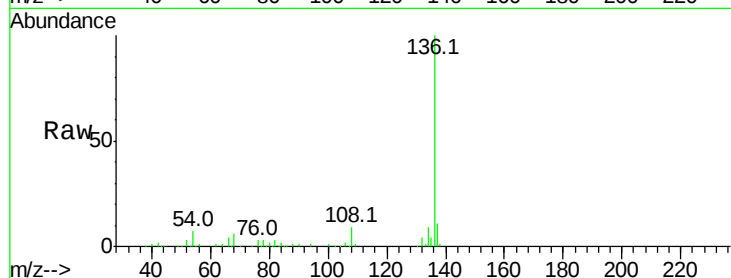
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.3 4.9 7.3

68 5.9 4.1 6.1

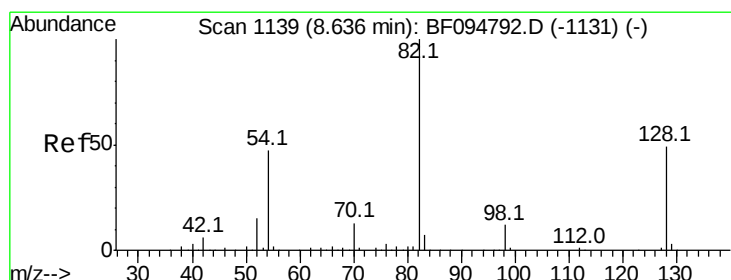
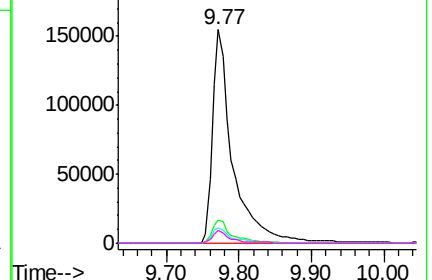
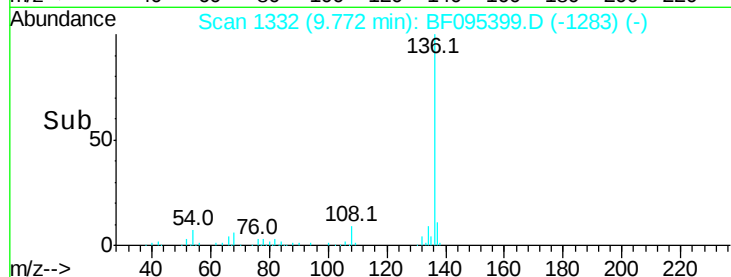


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.06 ng

RT: 8.65 min Scan# 1141

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

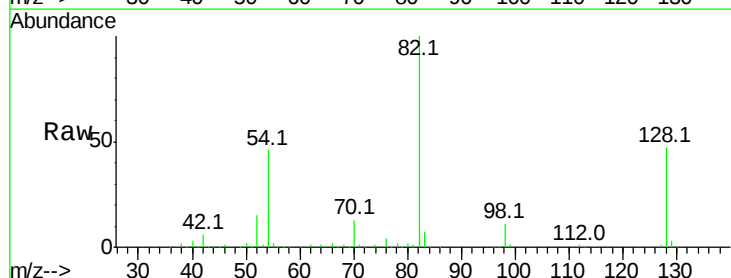
Tgt Ion: 82 Resp: 484115

Ion Ratio Lower Upper

82 100

128 46.7 34.0 51.0

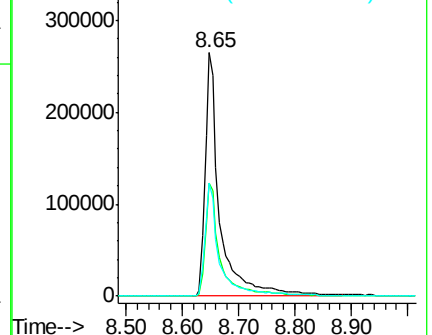
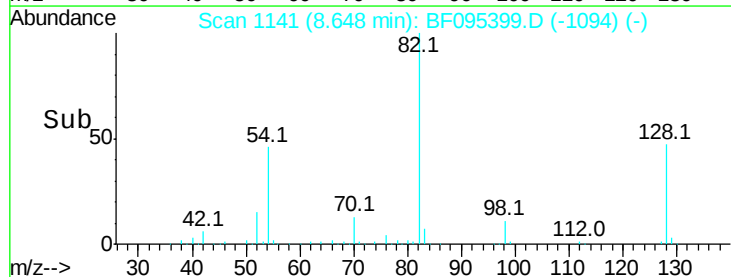
54 46.3 42.2 63.2

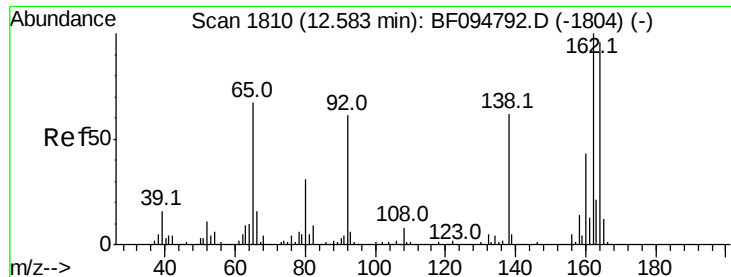


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampled :

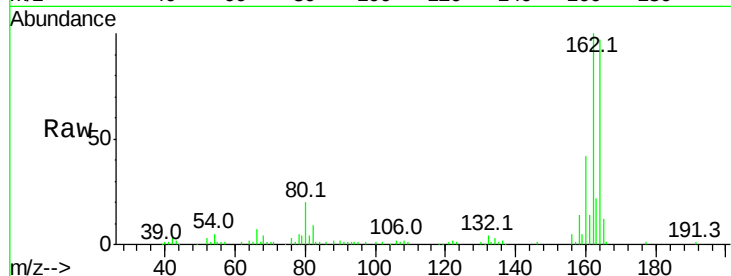
Tot Ion:164 Resp: 112652

Ion Ratio Lower Upper

164 100

162 103.1 82.6 123.8

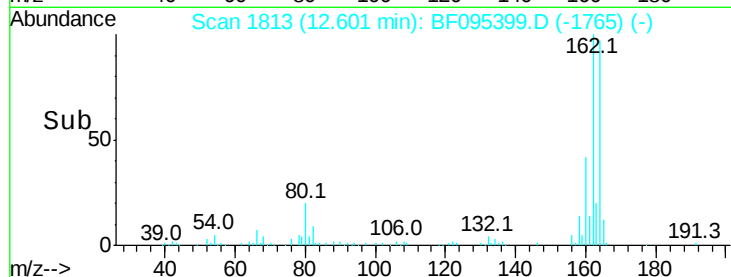
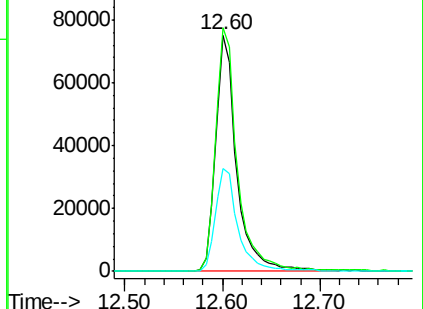
160 43.6 36.2 54.2



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: 146.48 ng

RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

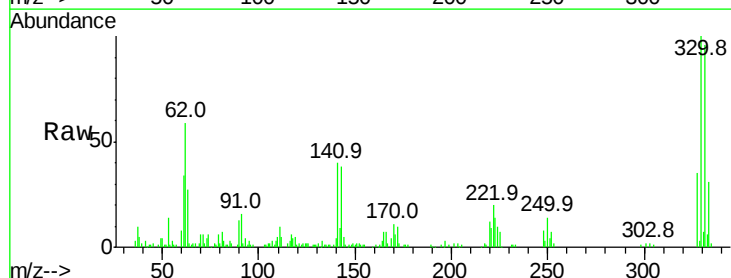
Tgt Ion:330 Resp: 135138

Ion Ratio Lower Upper

330 100

332 96.0 76.6 115.0

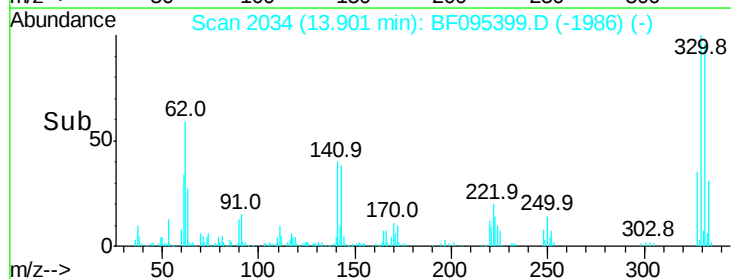
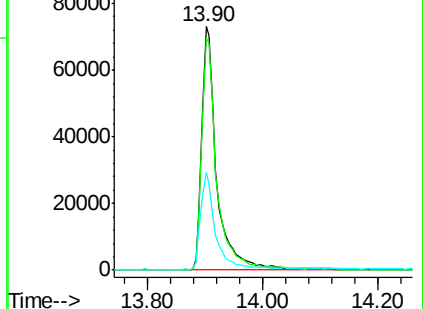
141 40.6 31.4 47.2

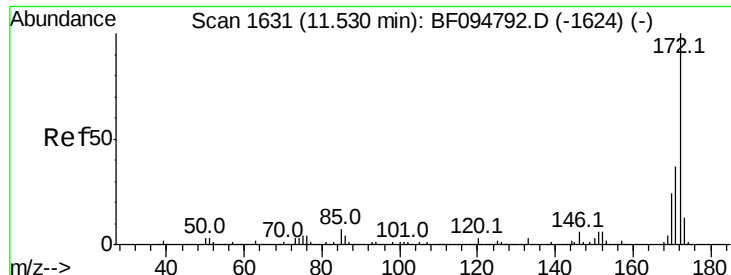


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

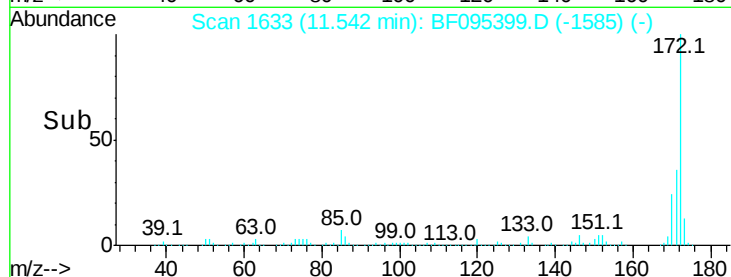
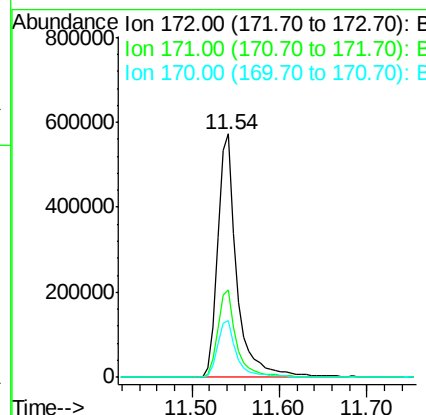
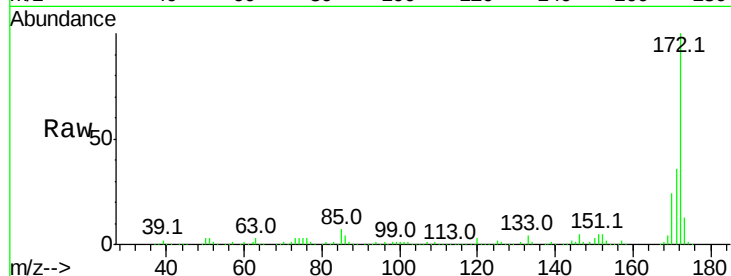




#44
2-Fluorobiphenyl
Concen: 110.68 ng
RT: 11.54 min Scan# 1633
Delta R.T. -0.02 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

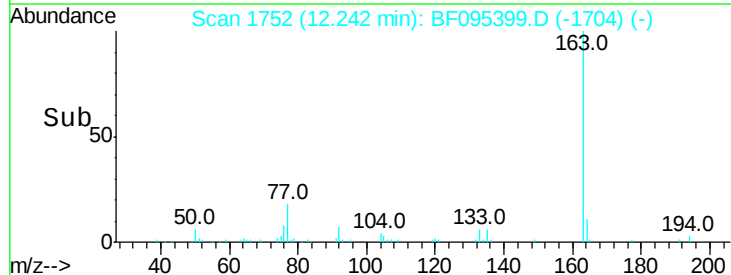
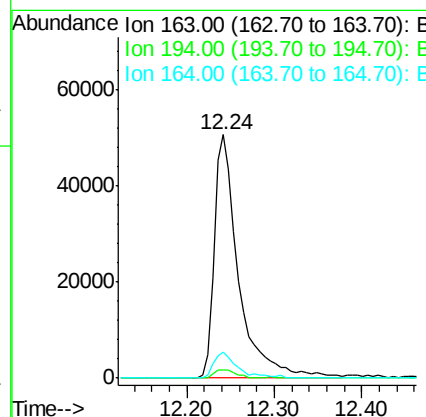
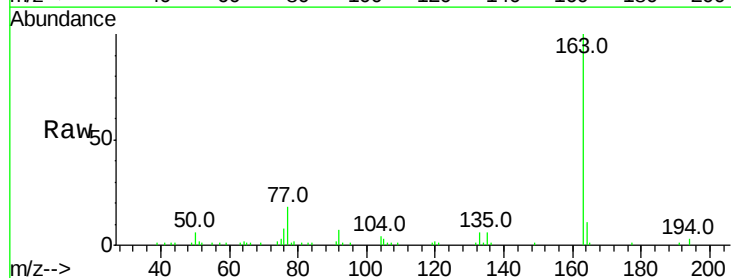
Instrument :
BNA_F
ClientSampleId :

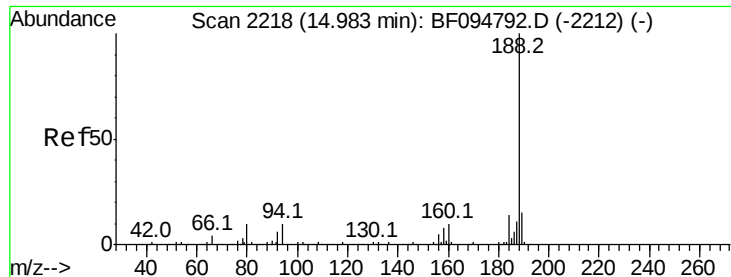
Tot Ion:172 Resp: 866275
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 10.54 ng
RT: 12.24 min Scan# 1752
Delta R.T. -0.02 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

Tgt Ion:163 Resp: 97475
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.5 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 2222

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

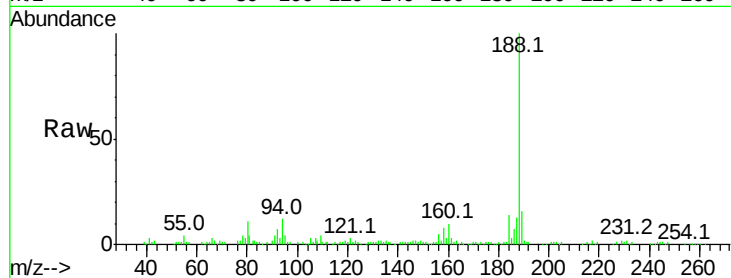
Tot Ion:188 Resp: 184316

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

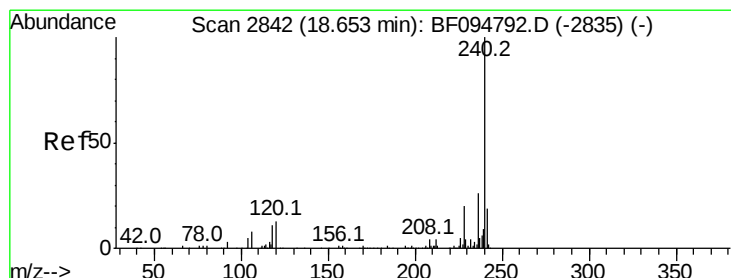
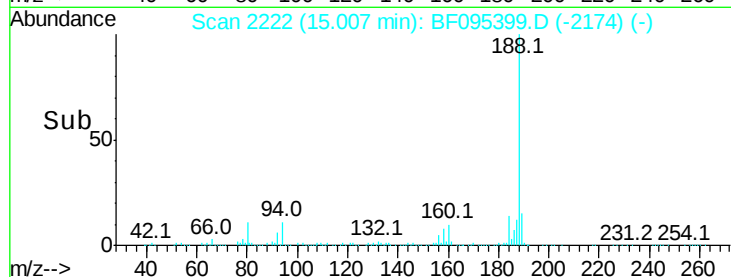
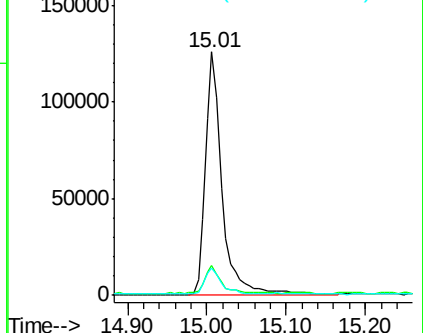
80 11.1 10.2 15.2



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: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

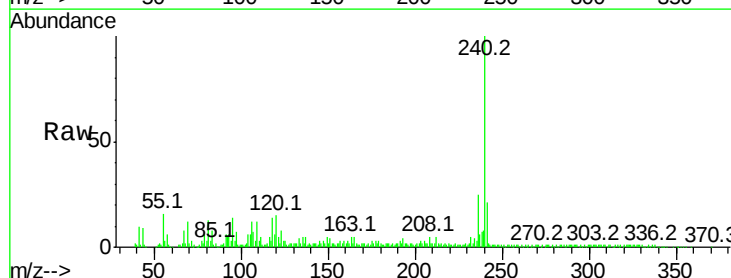
Tgt Ion:240 Resp: 160041

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

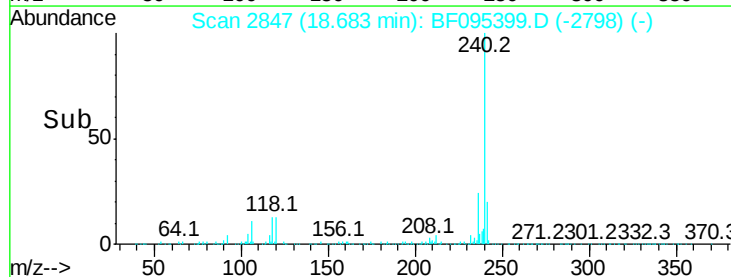
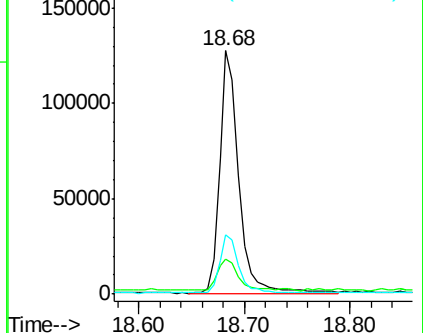
236 24.6 20.5 30.7

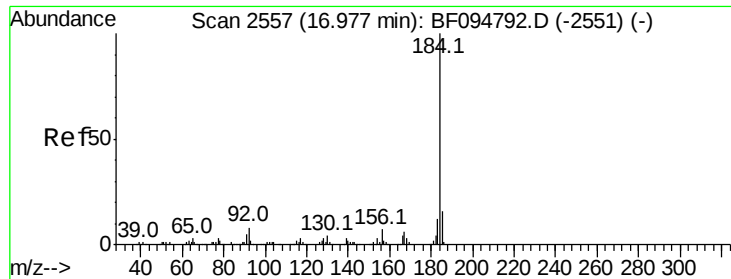


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 6.64 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.01 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

Instrument :

BNA_F

ClientSampleId :

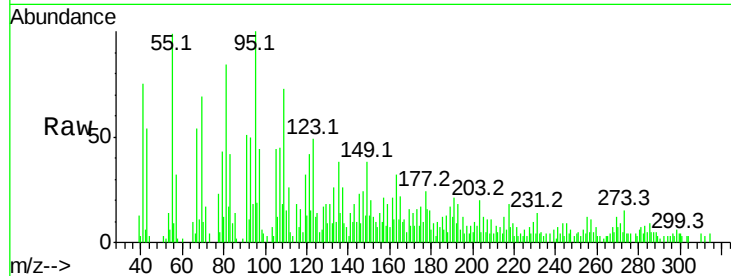
Tot Ion:184 Resp: 273

Ion Ratio Lower Upper

184 100

185 178.4 15.5 23.3#

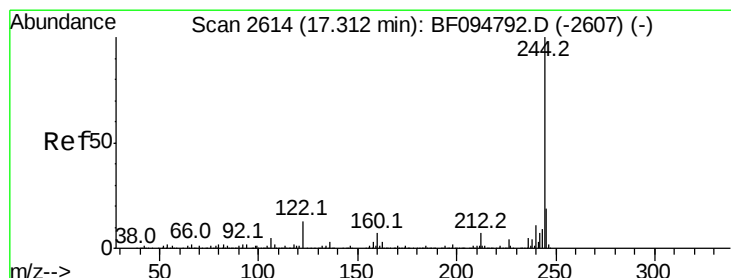
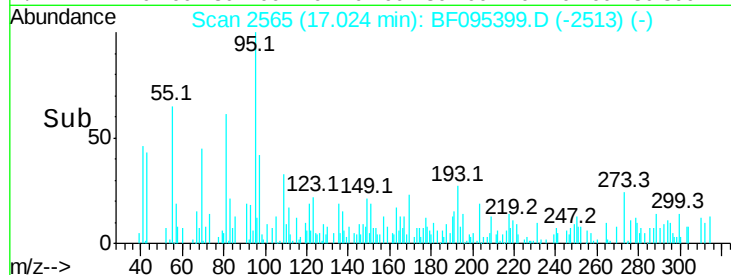
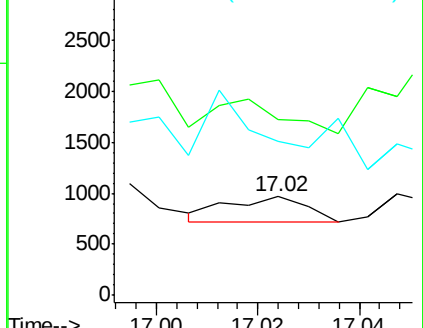
183 155.7 9.8 14.6#



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: 85.00 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095399.D

Acq: 24 May 2017 20:35

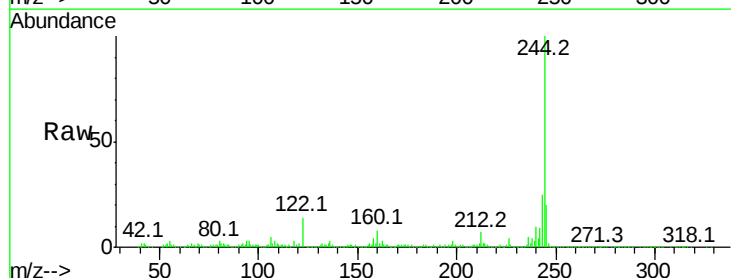
Tgt Ion:244 Resp: 617629

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

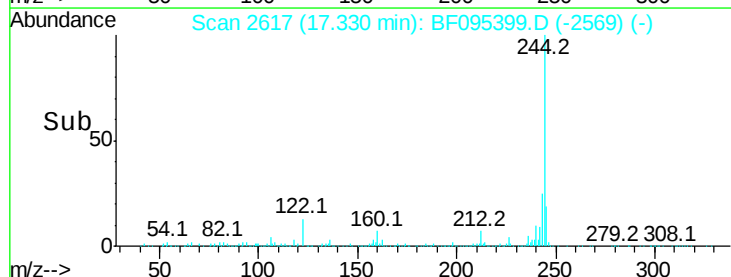
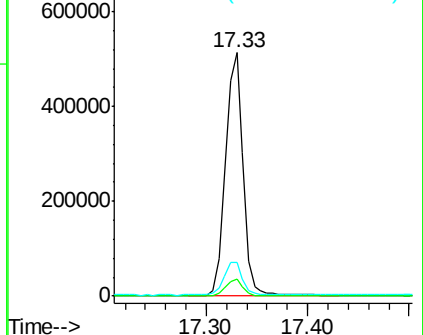
122 13.7 10.3 15.5

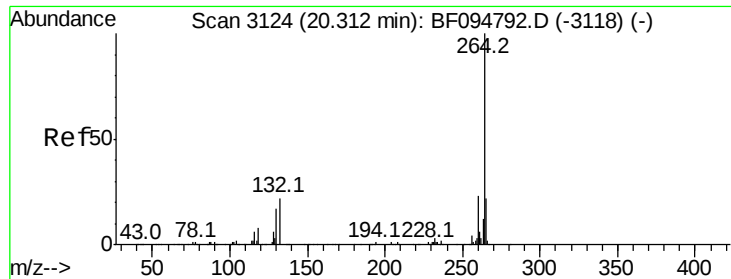


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

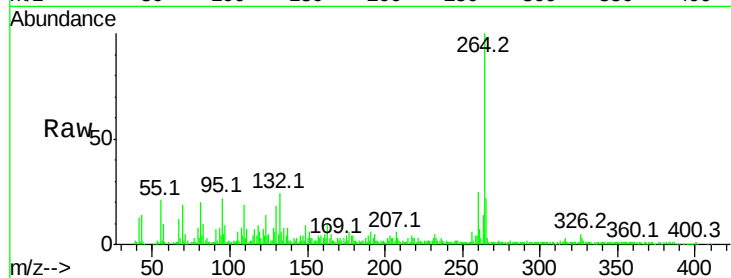




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3133
Delta R.T. 0.00 min
Lab File: BF095399.D
Acq: 24 May 2017 20:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.5	29.3
265	22.4	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

