

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095116.D
 Acq On : 12 May 2017 17:25
 Operator : SJ/MA
 Sample : I3099-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 18:01:00 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

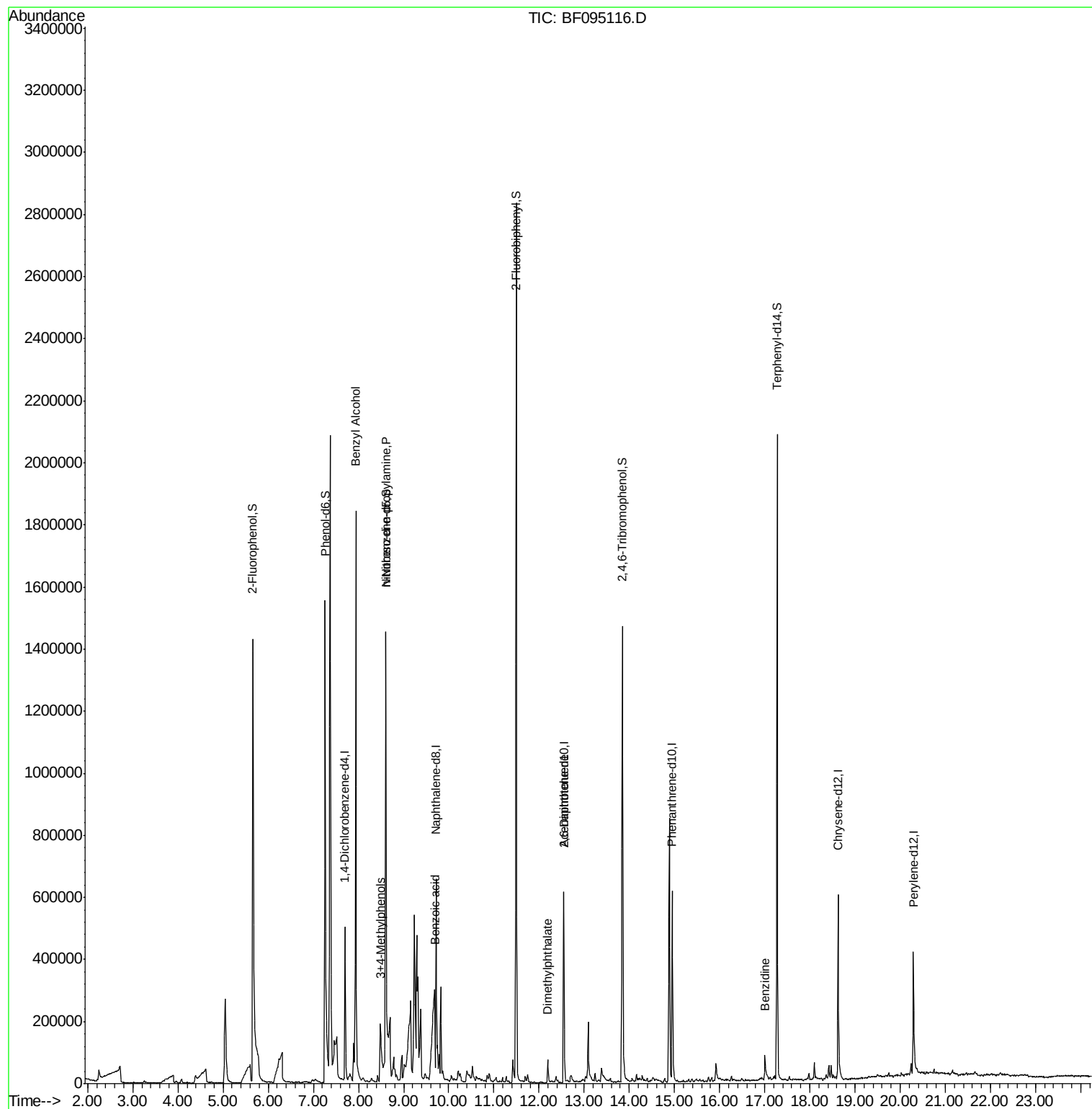
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	98499	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	396063	20.00	ng	-0.04
38) Acenaphthene-d10	12.54	164	183007	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	351158	20.00	ng	-0.03
75) Chrysene-d12	18.62	240	288821	20.00	ng	-0.03
86) Perylene-d12	20.29	264	217670	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	797503	134.99	ng	-0.01
7) Phenol-d6	7.26	99	949356	133.93	ng	-0.02
23) Nitrobenzene-d5	8.61	82	639194	101.77	ng	-0.03
41) 2,4,6-Tribromophenol	13.85	330	248404	165.74	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1249999	98.31	ng	-0.04
78) Terphenyl-d14	17.28	244	828838	63.21	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	7.94	79	9832	2.16	ng	# 45
19) n-Nitroso-di-n-propylamine	8.61	70	92426	19.28	ng	# 75
20) 3+4-Methylphenols	8.48	107	151977	20.32	ng	# 54
32) Benzoic acid	9.69	122	144746	39.40	ng	96
49) Dimethylphthalate	12.19	163	56744	3.78	ng	100
50) 2,6-Dinitrotoluene	12.54	165	17170	5.60	ng	# 31
76) Benzidine	17.00	184	10369	7.73	ng	# 71

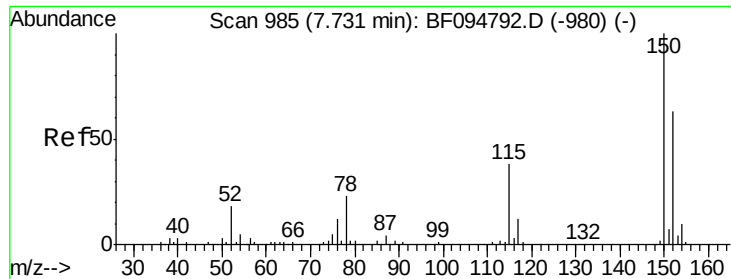
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
Data File : BF095116.D
Acq On : 12 May 2017 17:25
Operator : SJ/MA
Sample : I3099-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 12 18:01:00 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



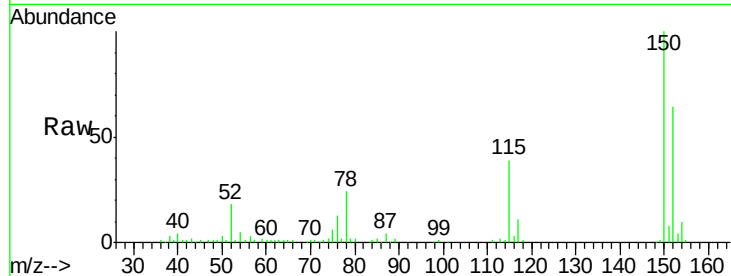


#1

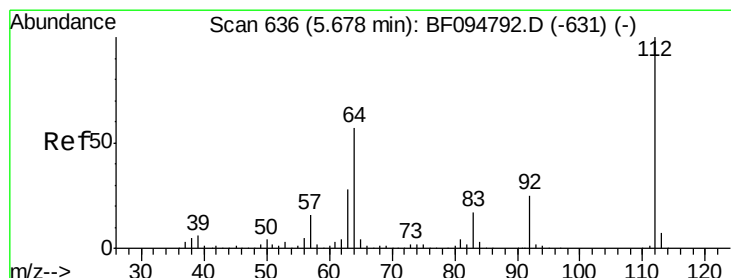
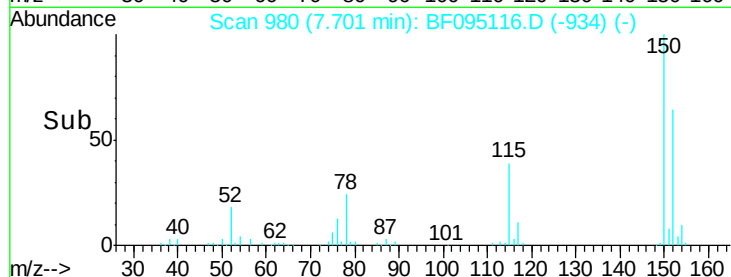
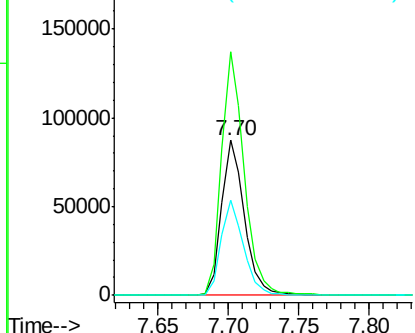
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 980
Delta R.T. -0.03 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98499
Ion Ratio Lower Upper
152 100
150 157.2 126.2 189.2
115 61.1 52.2 78.2



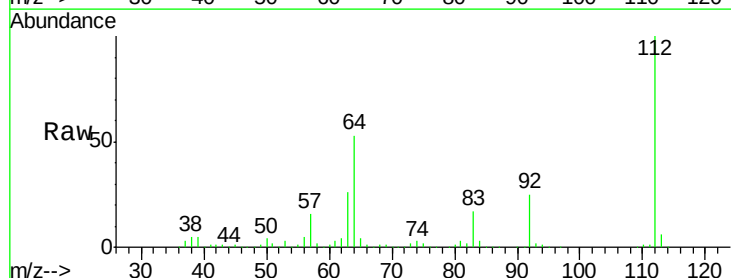
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



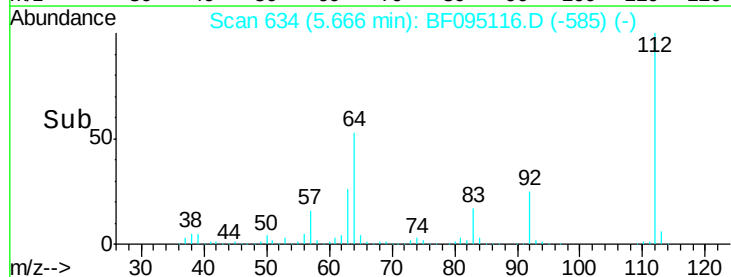
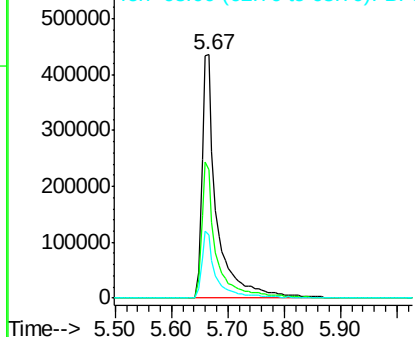
#5

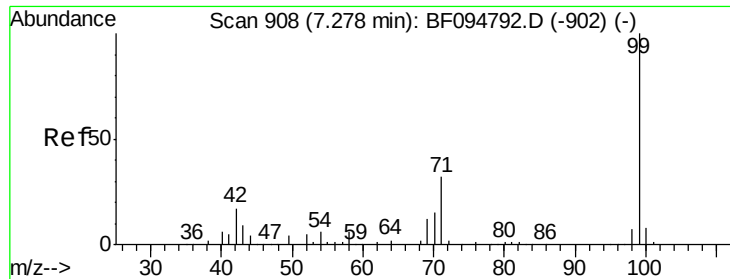
2-Fluorophenol
Concen: 134.99 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion:112 Resp: 797503
Ion Ratio Lower Upper
112 100
64 52.8 46.0 69.0
63 26.2 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: 133.93 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

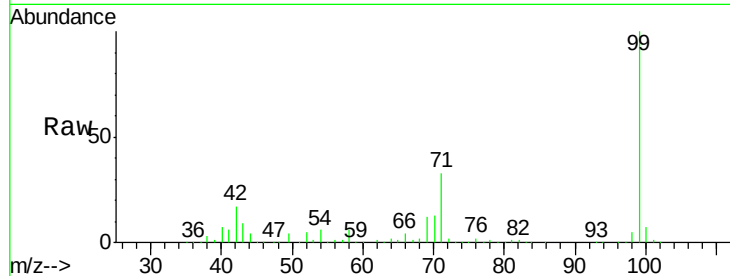
Tot Ion: 99 Resp: 949356

Ion Ratio Lower Upper

99 100

42 16.6 13.5 20.3

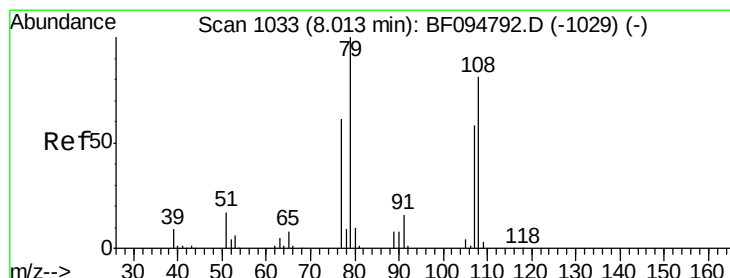
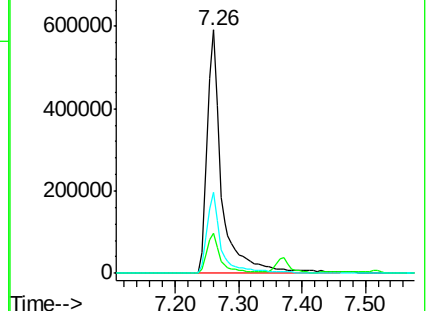
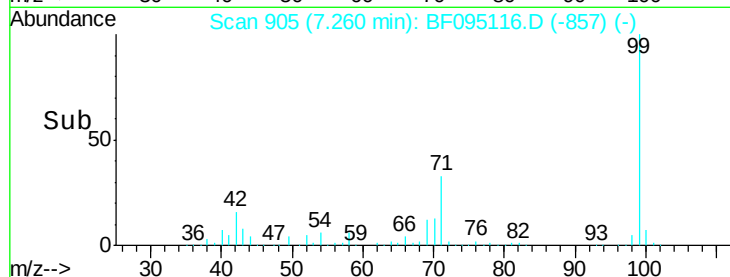
71 33.5 24.5 36.7



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



#15

Benzyl Alcohol

Concen: 2.16 ng

RT: 7.94 min Scan# 1021

Delta R.T. -0.07 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

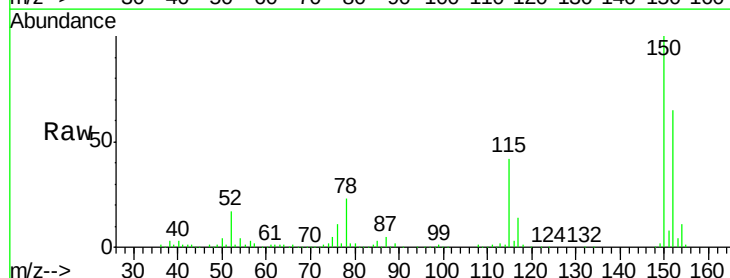
Tgt Ion: 79 Resp: 9832

Ion Ratio Lower Upper

79 100

108 33.2 63.4 95.0#

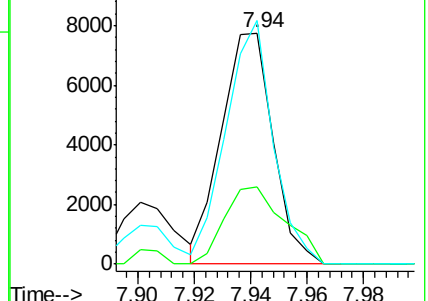
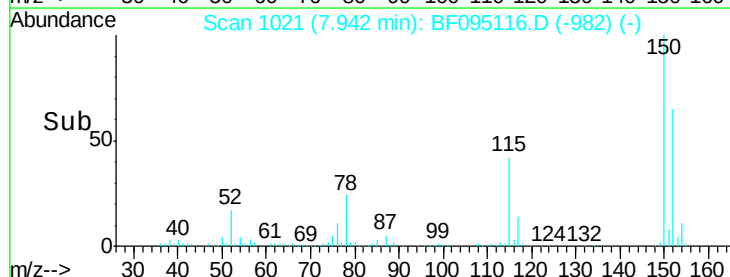
77 105.5 49.2 73.8#

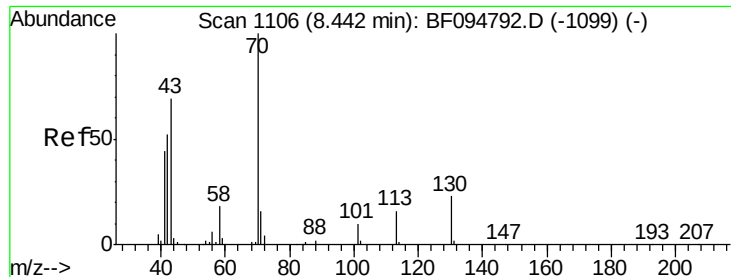


Abundance Ion 79.00 (78.70 to 79.70): BF0

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: 19.28 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.16 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 92426

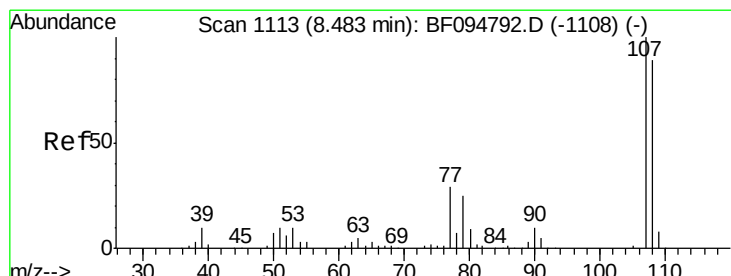
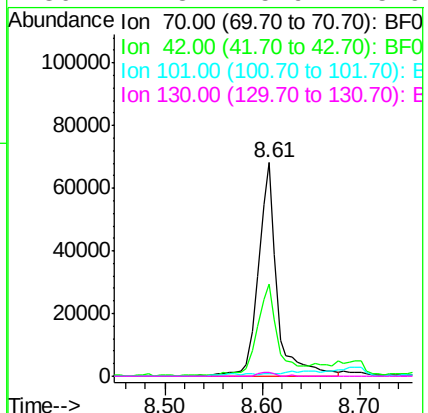
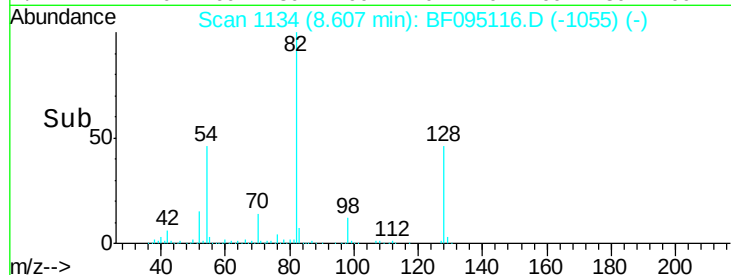
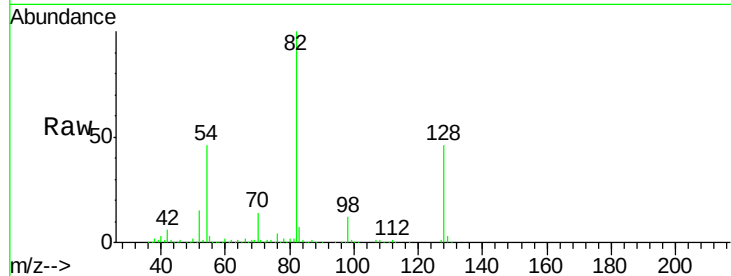
Ion Ratio Lower Upper

70 100

42 43.1 47.2 70.8#

101 0.9 7.2 10.8#

130 1.8 15.9 23.9#



#20

3+4-Methylphenols

Concen: 20.32 ng

RT: 8.48 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Tgt Ion: 107 Resp: 151977

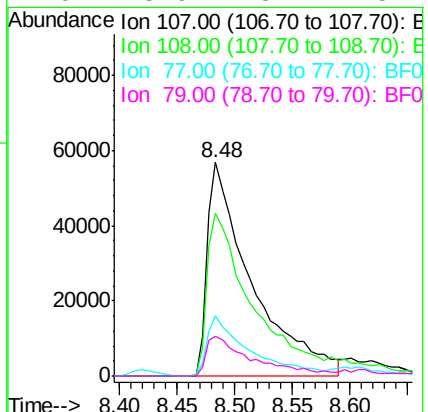
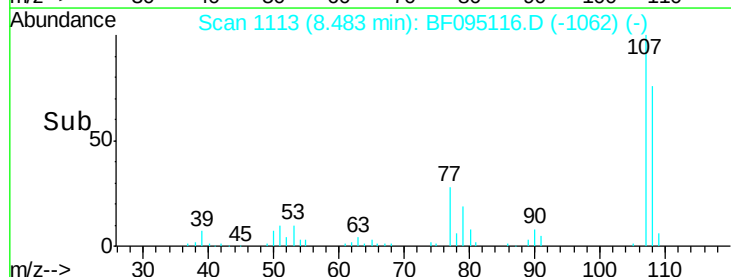
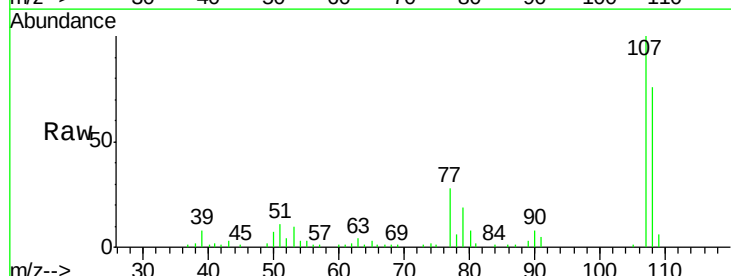
Ion Ratio Lower Upper

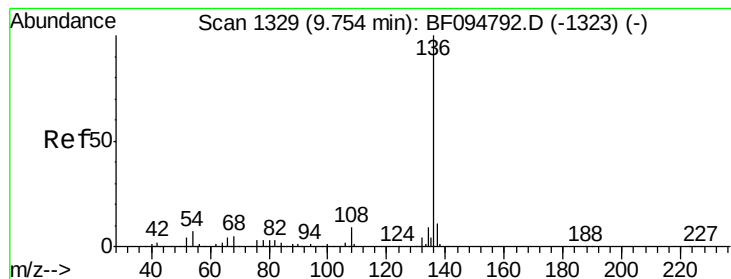
107 100

108 76.1 71.0 111.0

77 28.1 90.5 130.5#

79 18.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 396063

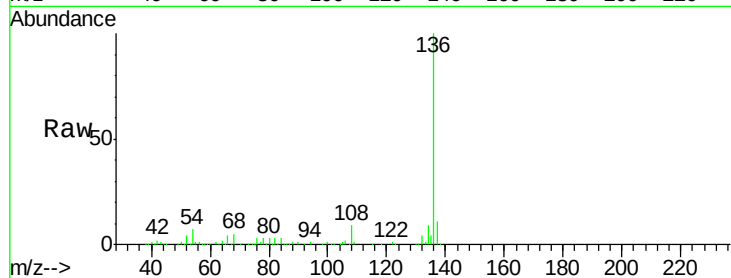
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 6.7 4.9 7.3

68 5.4 4.1 6.1

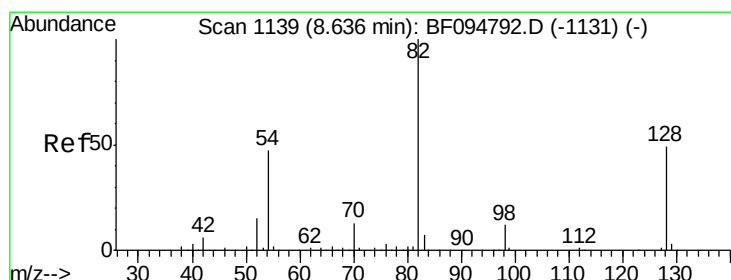
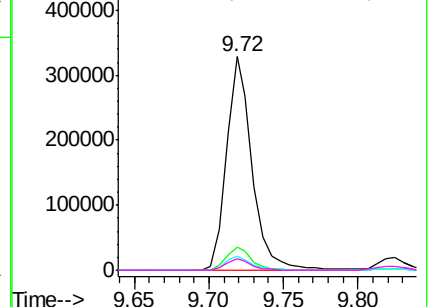
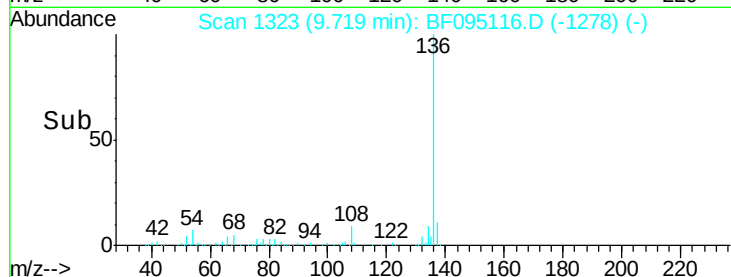


Abundance Ion 136.00 (135.70 to 136.70): E

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: 101.77 ng

RT: 8.61 min Scan# 1134

Delta R.T. -0.03 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

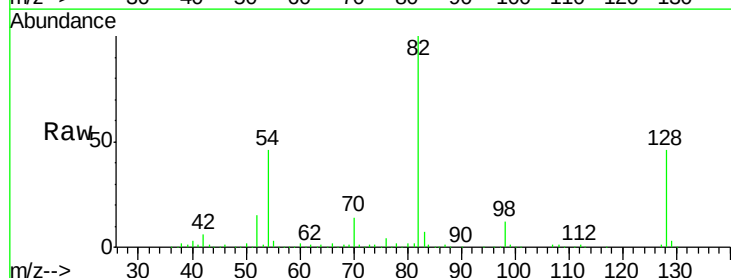
Tgt Ion: 82 Resp: 639194

Ion Ratio Lower Upper

82 100

128 46.3 34.0 51.0

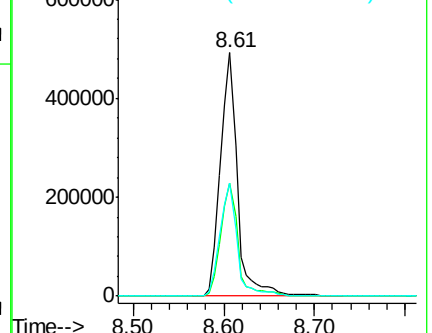
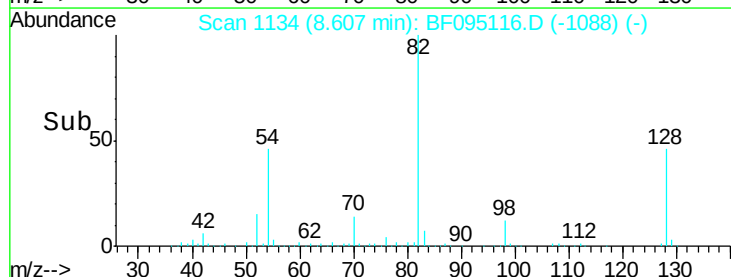
54 46.5 42.2 63.2

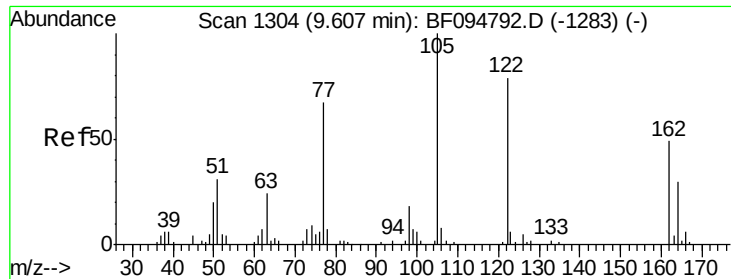


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

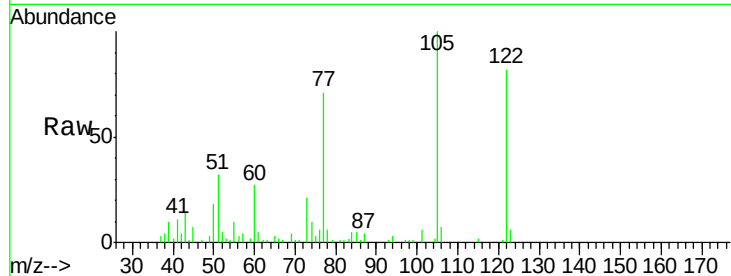




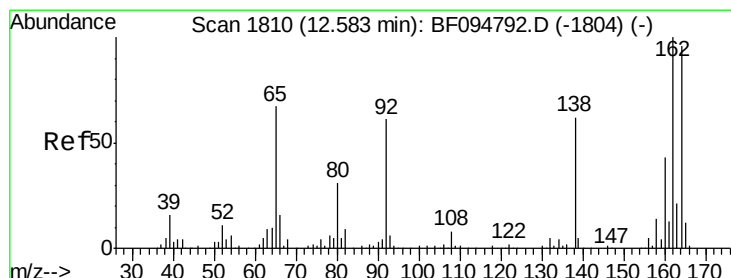
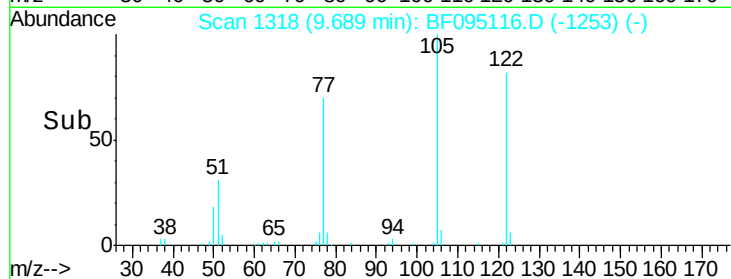
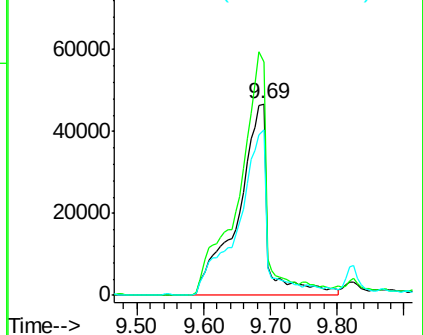
#32
Benzoic acid
Concen: 39.40 ng
RT: 9.69 min Scan# 1318
Delta R.T. 0.08 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 144746
Ion Ratio Lower Upper
122 100
105 122.1 103.3 143.3
77 86.6 73.7 113.7

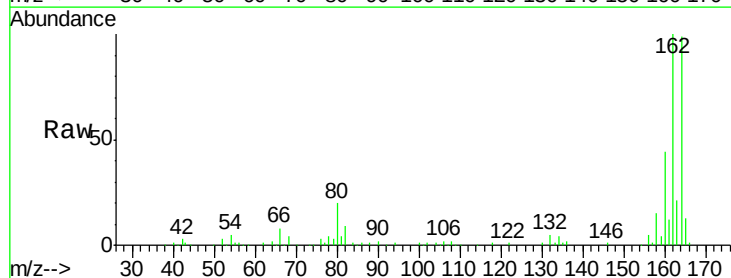


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

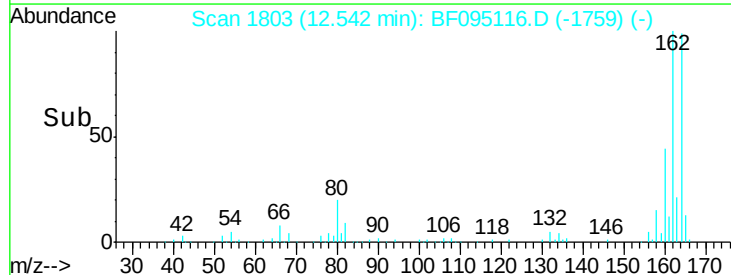
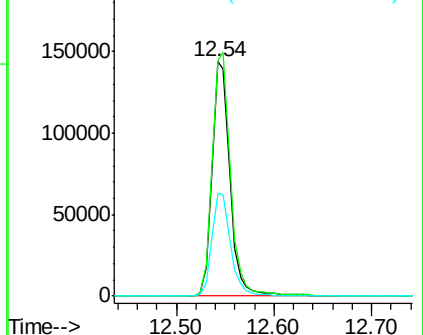


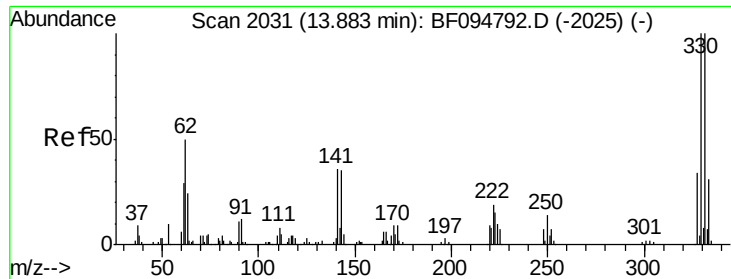
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.54 min Scan# 1803
Delta R.T. -0.04 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion:164 Resp: 183007
Ion Ratio Lower Upper
164 100
162 100.7 82.6 123.8
160 44.0 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

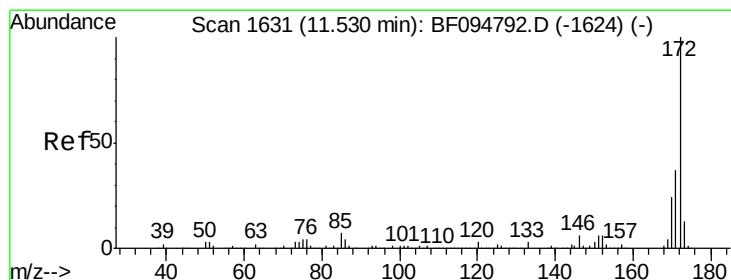
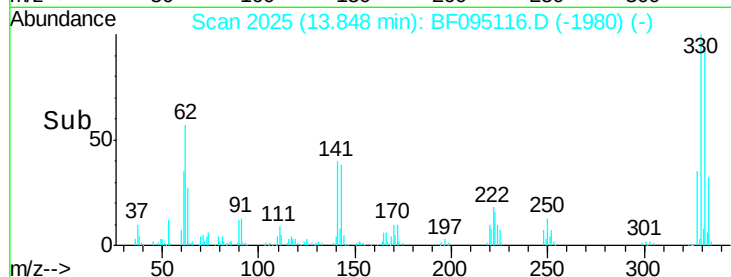
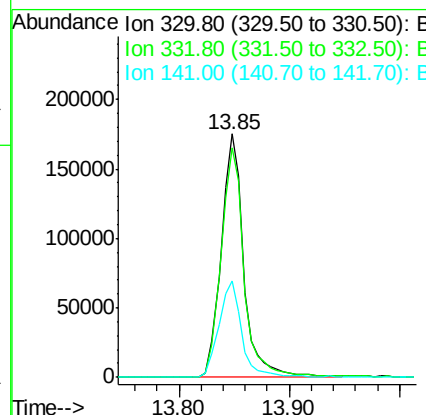
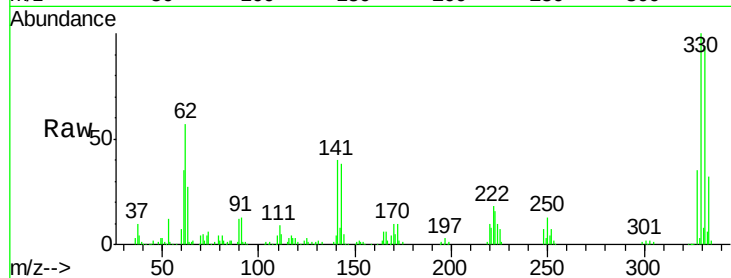




#41
 2,4,6-Tribromophenol
 Concen: 165.74 ng
 RT: 13.85 min Scan# 2025
 Delta R.T. -0.04 min
 Lab File: BF095116.D
 Acq: 12 May 2017 17:25

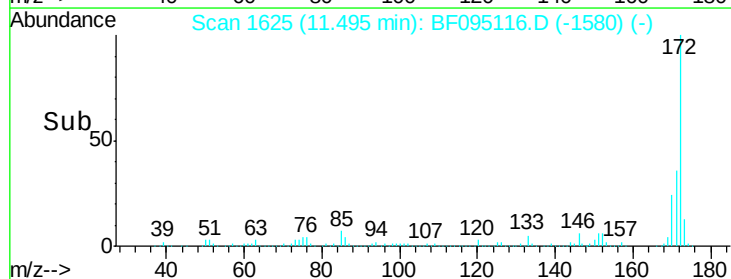
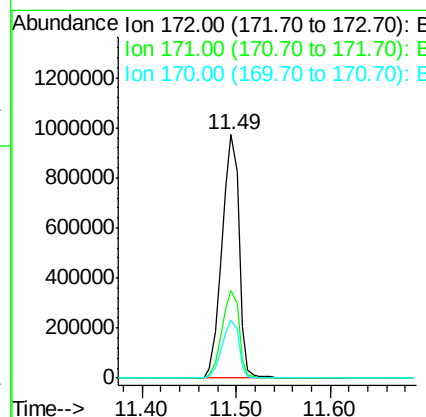
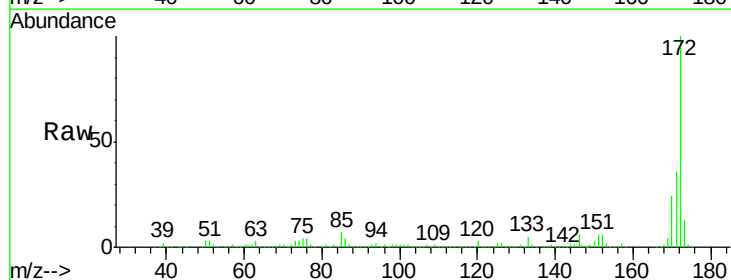
Instrument :
 BNA_F
 ClientSampleId :

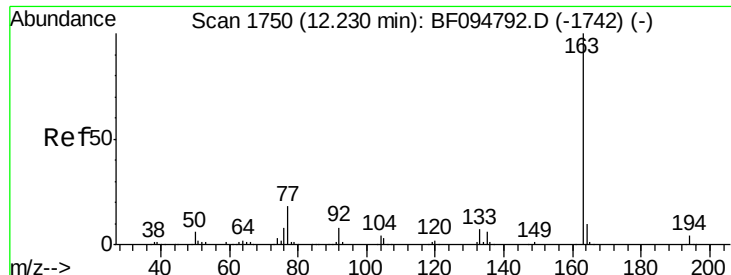
Tot Ion:330 Resp: 248404
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 40.1 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 98.31 ng
 RT: 11.49 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095116.D
 Acq: 12 May 2017 17:25

Tgt Ion:172 Resp: 1249999
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.9 19.8 29.8





#49

Dimethylphthalate

Concen: 3.78 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.04 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampled :

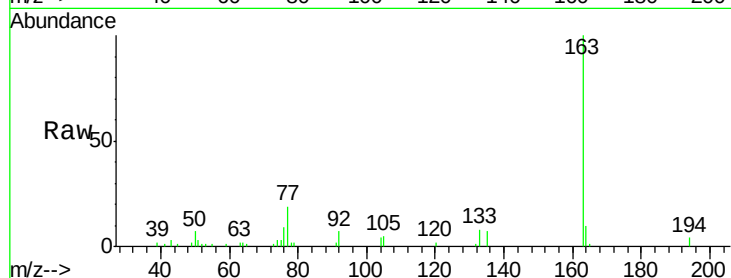
Tot Ion:163 Resp: 56744

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

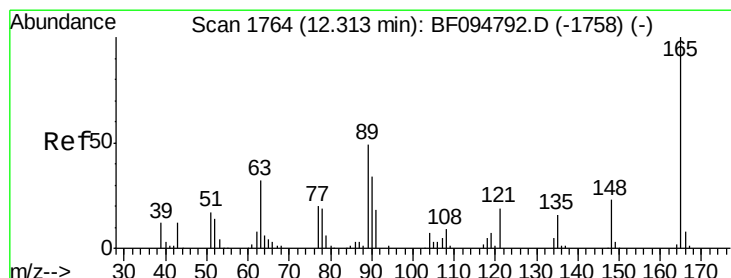
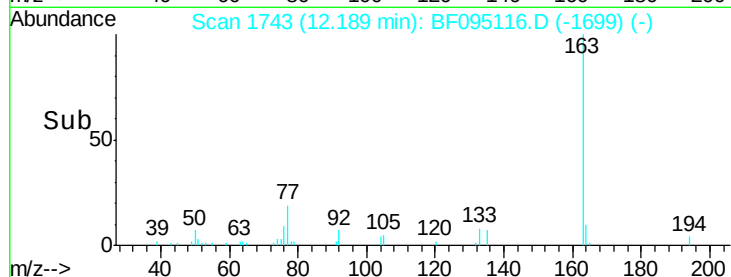
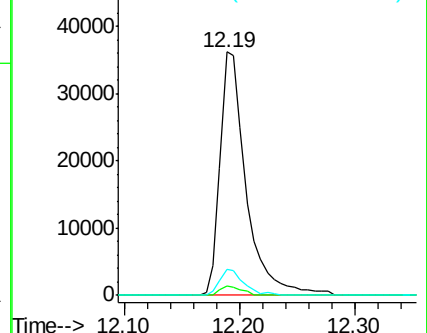
164 10.4 8.4 12.6



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: 5.60 ng

RT: 12.54 min Scan# 1803

Delta R.T. 0.23 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

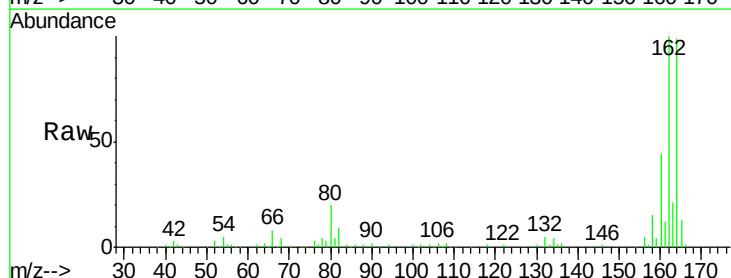
Tgt Ion:165 Resp: 17170

Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

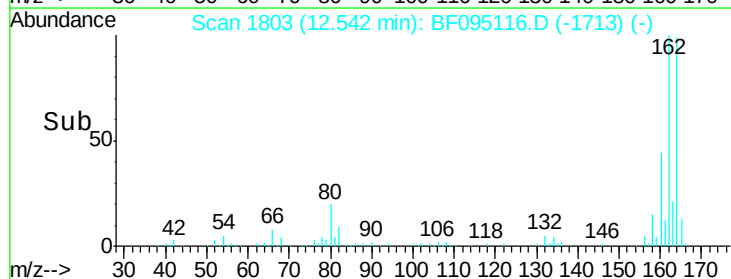
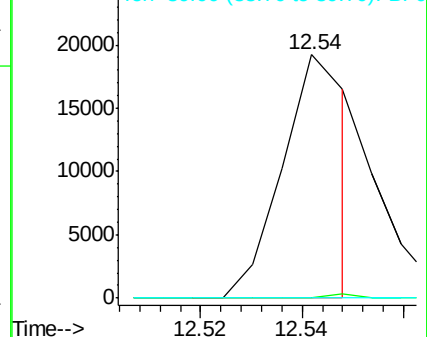
89 0.0 37.1 55.7#

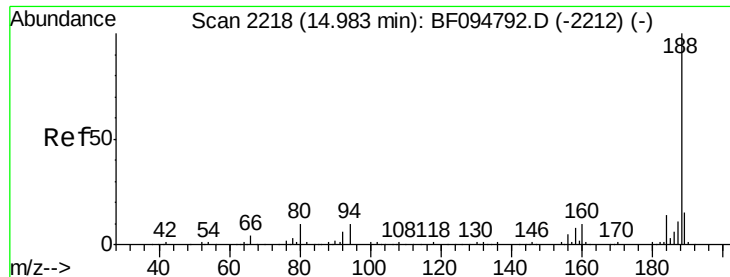


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

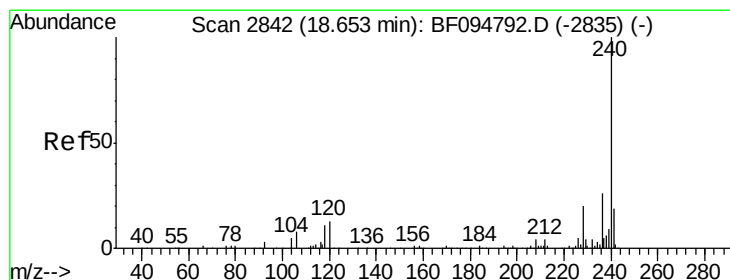
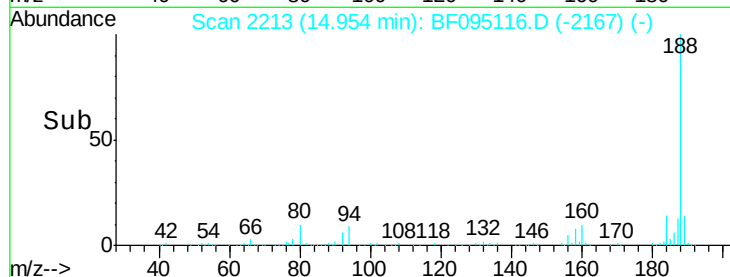
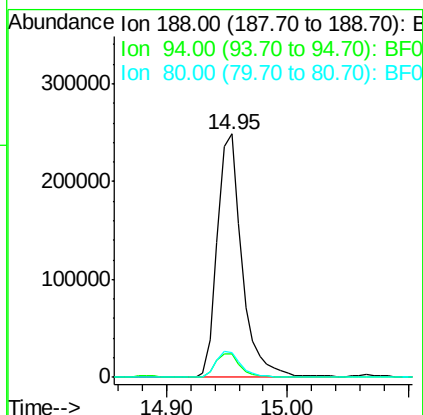
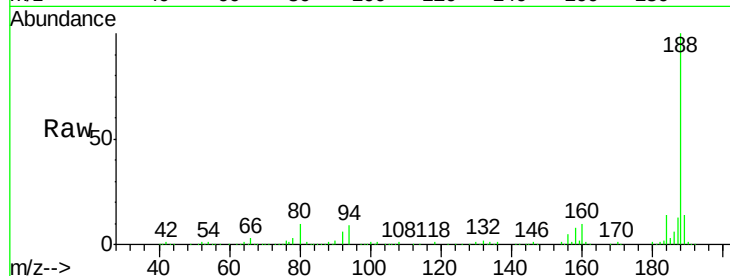




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

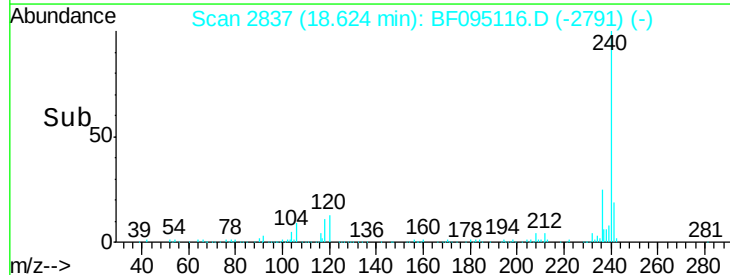
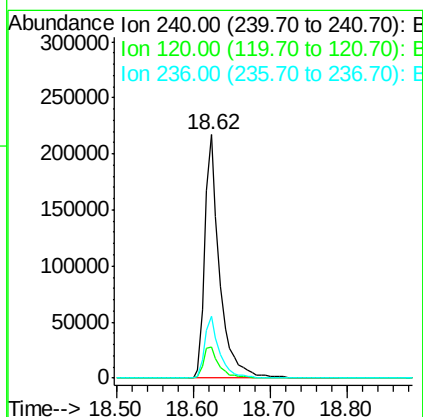
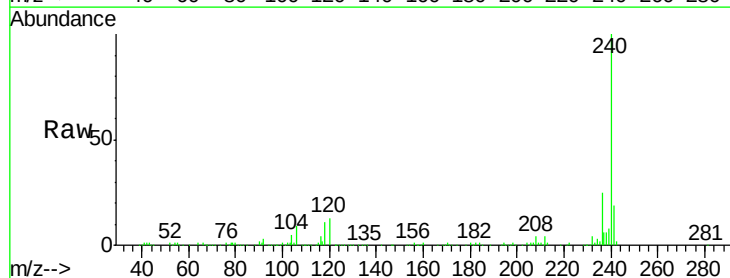
Instrument :
BNA_F
ClientSampleId :

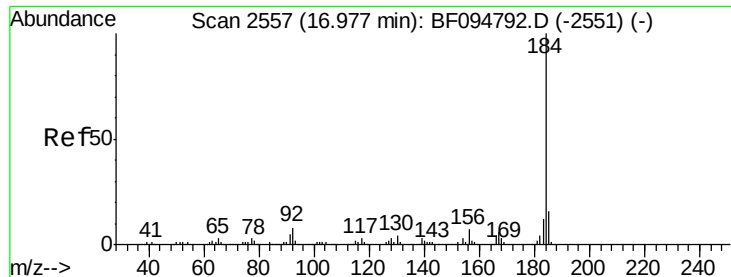
Tot Ion:188 Resp: 351158
Ion Ratio Lower Upper
188 100
94 9.4 9.4 14.2
80 10.2 10.2 15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.03 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Tgt Ion:240 Resp: 288821
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 25.3 20.5 30.7





#76

Benzidine

Concen: 7.73 ng

RT: 17.00 min Scan# 2561

Delta R.T. 0.02 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

Instrument :

BNA_F

ClientSampleId :

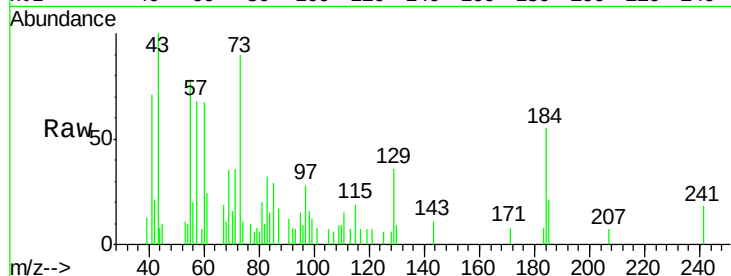
Tot Ion:184 Resp: 10369

Ion Ratio Lower Upper

184 100

185 39.0 15.5 23.3#

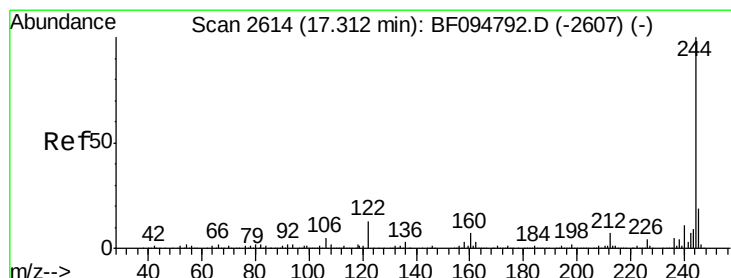
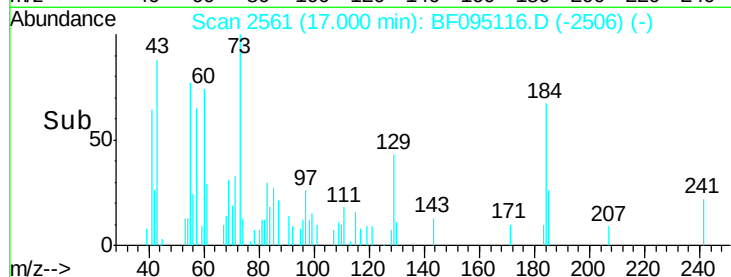
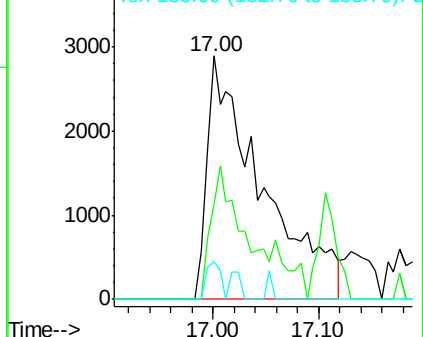
183 15.2 9.8 14.6#



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: 63.21 ng

RT: 17.28 min Scan# 2608

Delta R.T. -0.04 min

Lab File: BF095116.D

Acq: 12 May 2017 17:25

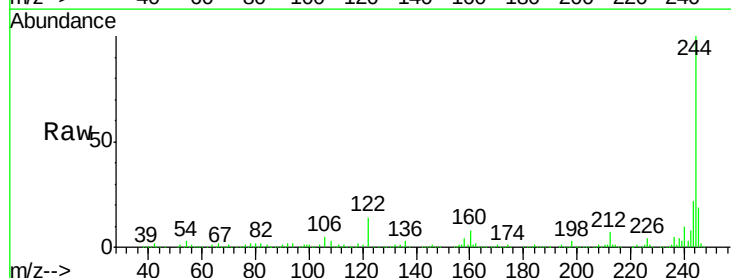
Tgt Ion:244 Resp: 828838

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

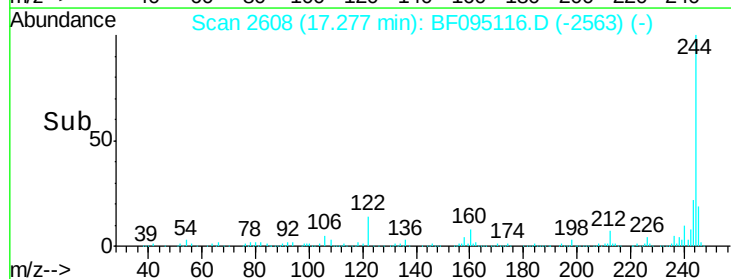
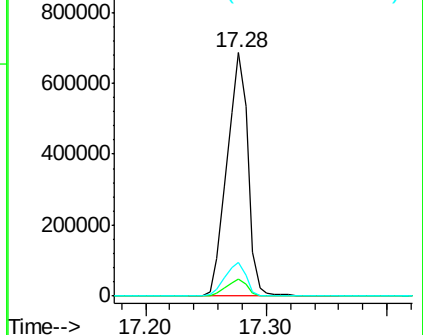
122 14.1 10.3 15.5

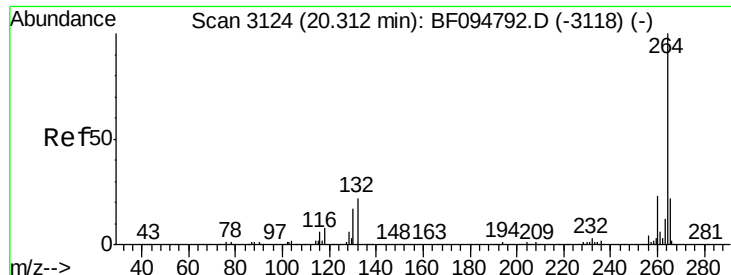


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

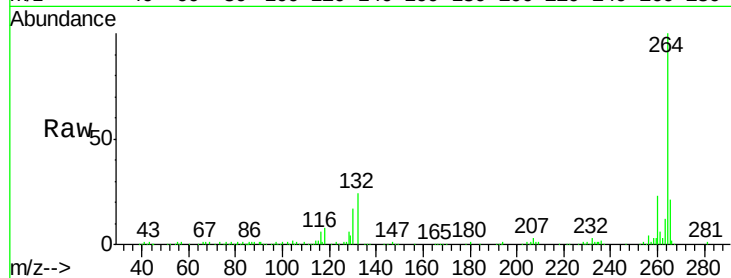




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095116.D
Acq: 12 May 2017 17:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.3	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

