

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095110.D
 Acq On : 12 May 2017 14:12
 Operator : SJ/MA
 Sample : I3100-07
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 12 17:59:03 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

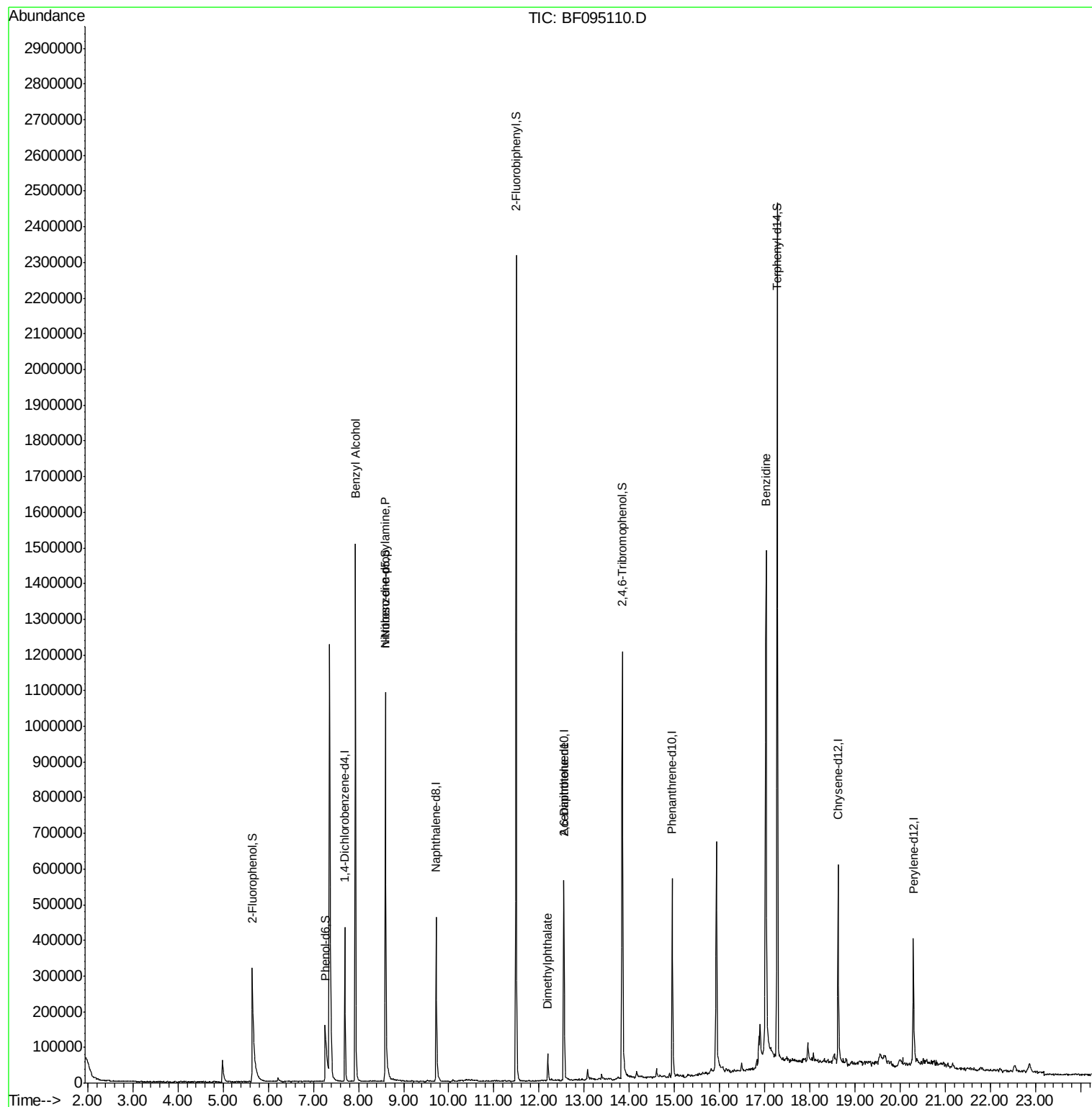
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	92978	20.00	ng	-0.04
21) Naphthalene-d8	9.72	136	350148	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	174214	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	317242	20.00	ng	-0.04
75) Chrysene-d12	18.62	240	274223	20.00	ng	-0.03
86) Perylene-d12	20.29	264	186719	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	273524	49.05	ng	-0.03
7) Phenol-d6	7.26	99	199530	29.82	ng	-0.02
23) Nitrobenzene-d5	8.60	82	534574	96.27	ng	-0.04
41) 2,4,6-Tribromophenol	13.85	330	213964	149.97	ng	-0.04
44) 2-Fluorobiphenyl	11.49	172	1009895	83.44	ng	-0.04
78) Terphenyl-d14	17.28	244	995368	79.95	ng	-0.03
Target Compounds						
15) Benzyl Alcohol	7.93	79	8613	2.00	ng	# 46
19) n-Nitroso-di-n-propylamine	8.60	70	67019	14.81	ng	# 74
49) Dimethylphthalate	12.19	163	48531	3.39	ng	# 98
50) 2,6-Dinitrotoluene	12.55	165	18291	6.27	ng	# 33
76) Benzidine	17.02	184	169	6.61	ng	# 1

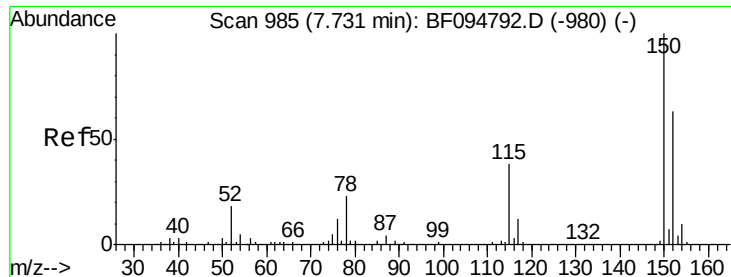
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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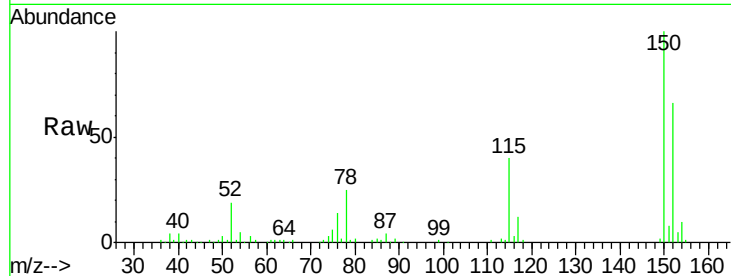


#1

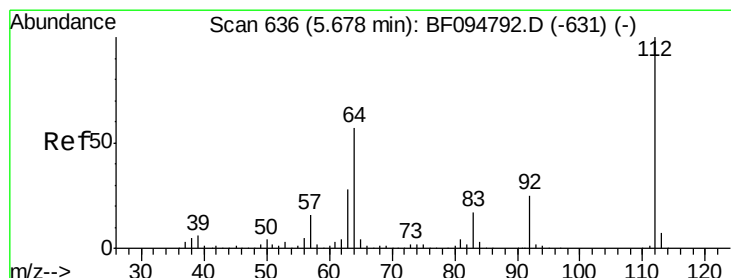
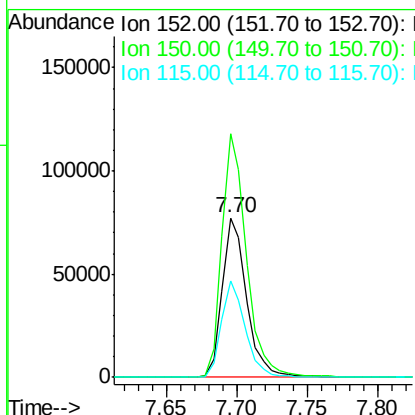
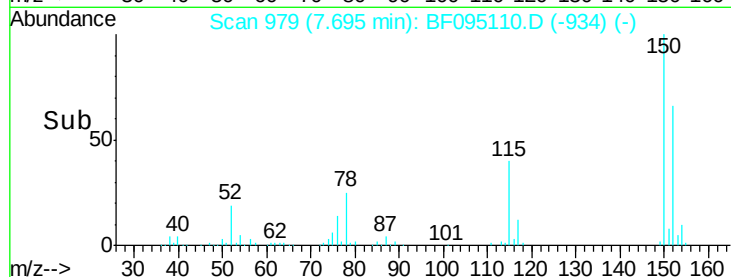
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.70 min Scan# 979
Delta R.T. -0.04 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92978
Ion Ratio Lower Upper
152 100
150 152.6 126.2 189.2
115 60.5 52.2 78.2



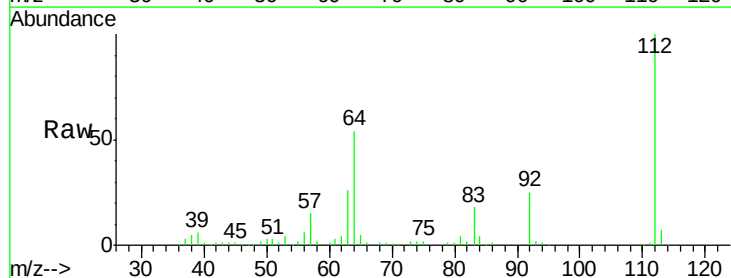
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



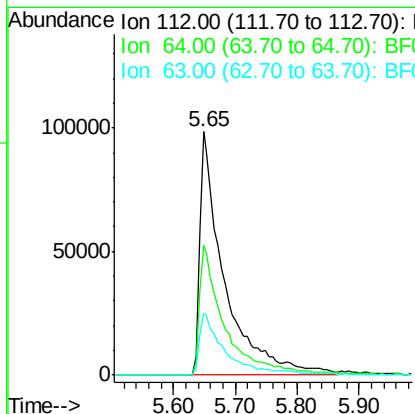
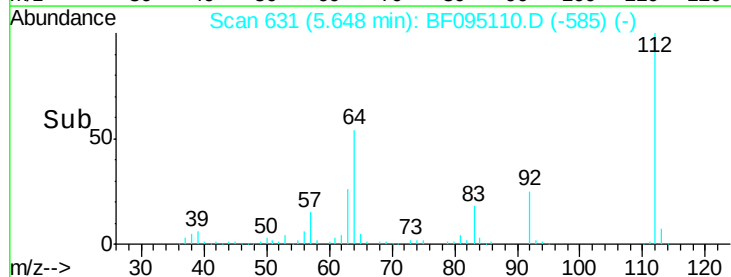
#5

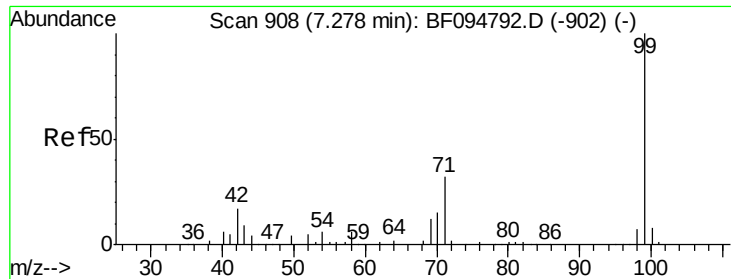
2-Fluorophenol
Concen: 49.05 ng
RT: 5.65 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Tgt Ion:112 Resp: 273524
Ion Ratio Lower Upper
112 100
64 53.5 46.0 69.0
63 25.6 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: 29.82 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampled :

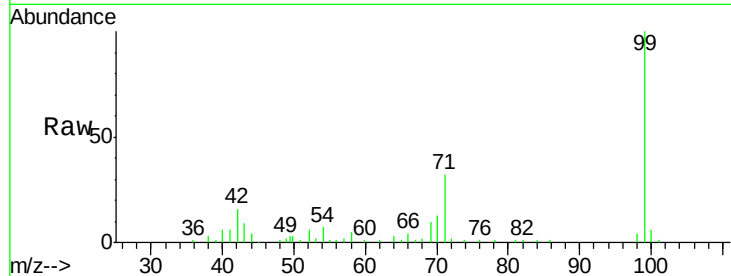
Tot Ion: 99 Resp: 199530

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

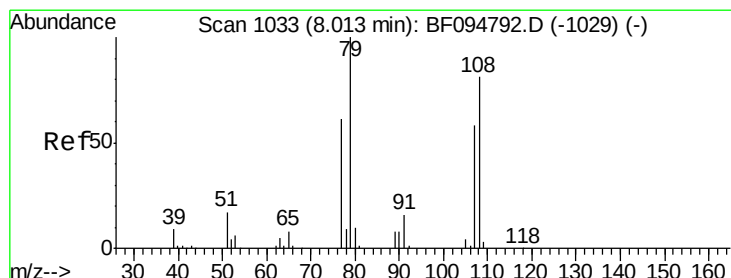
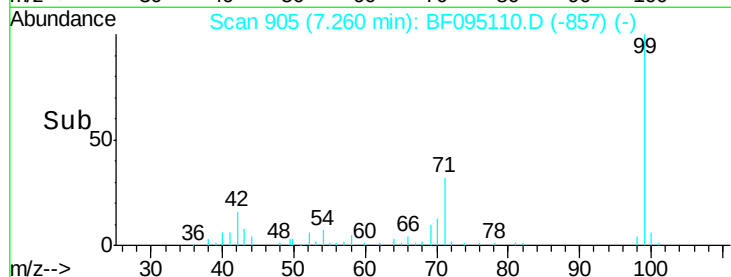
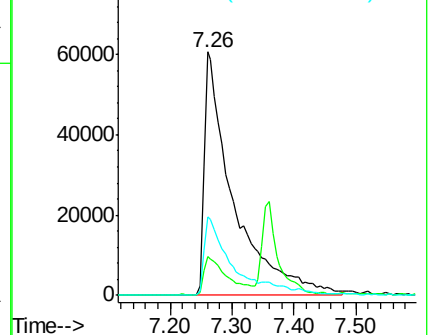
71 32.3 24.5 36.7



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: 2.00 ng

RT: 7.93 min Scan# 1019

Delta R.T. -0.08 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

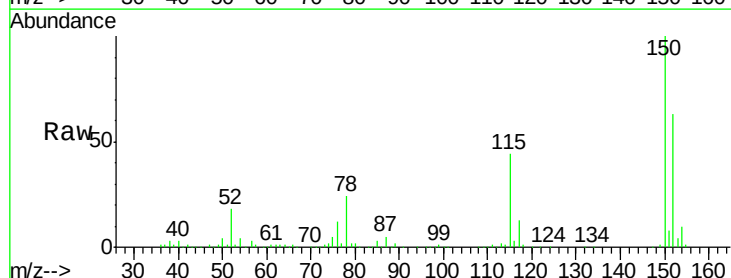
Tgt Ion: 79 Resp: 8613

Ion Ratio Lower Upper

79 100

108 28.9 63.4 95.0#

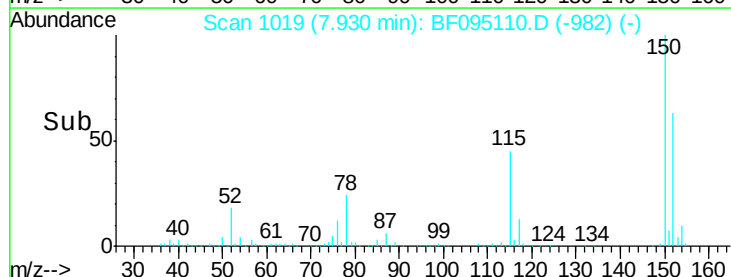
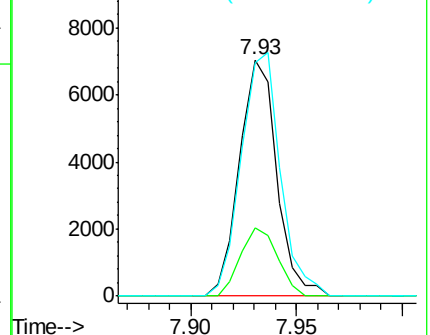
77 98.9 49.2 73.8#

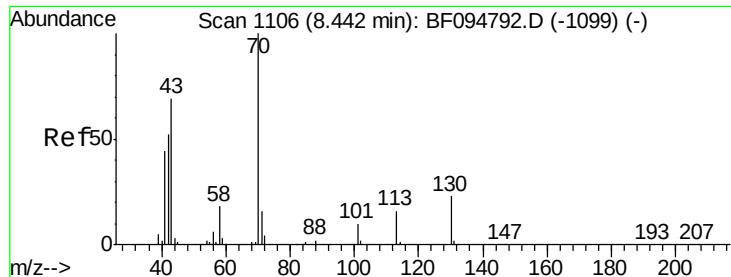


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

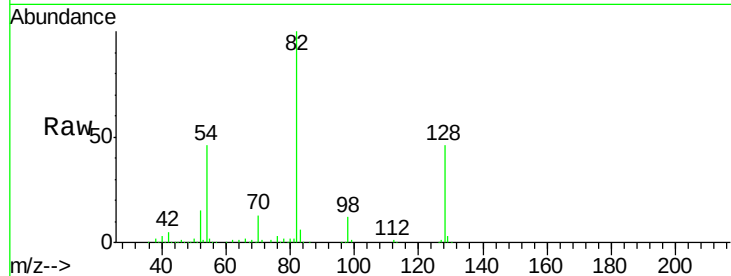




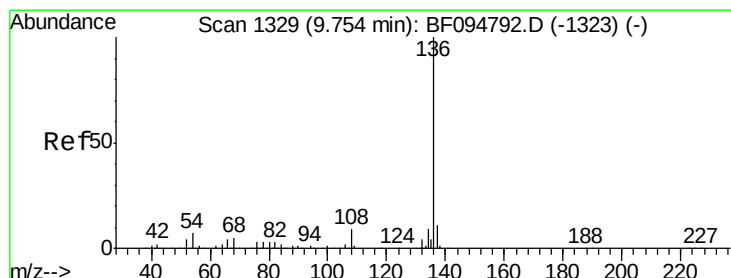
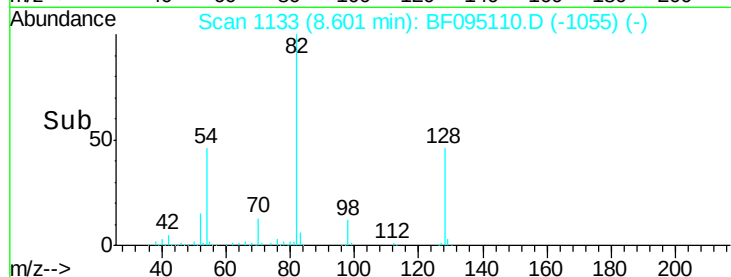
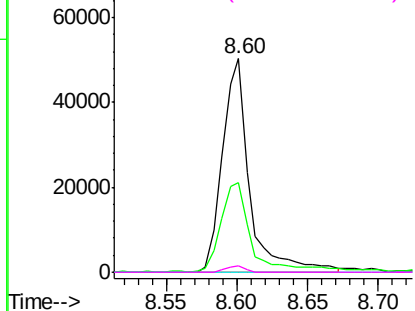
#19
n-Nitroso-di-n-propylamine
Concen: 14.81 ng
RT: 8.60 min Scan# 1133
Delta R.T. 0.16 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 67019
Ion Ratio Lower Upper
70 100
42 41.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.8 15.9 23.9#

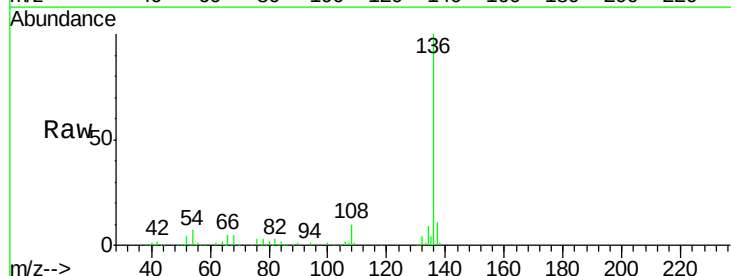


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

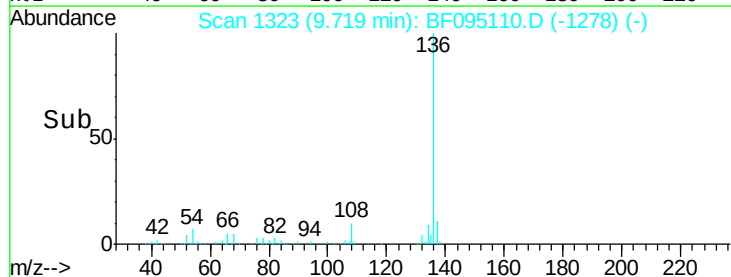
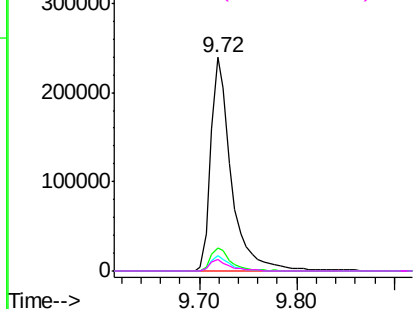


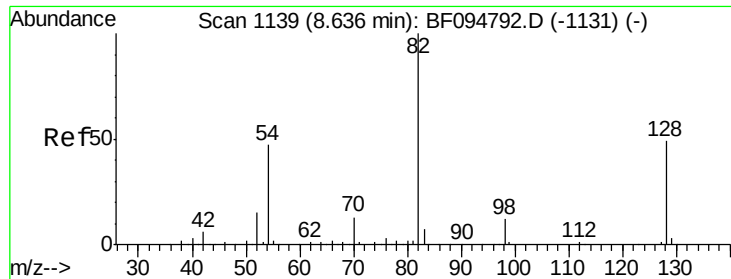
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.72 min Scan# 1323
Delta R.T. -0.04 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Tgt Ion: 136 Resp: 350148
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.0 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

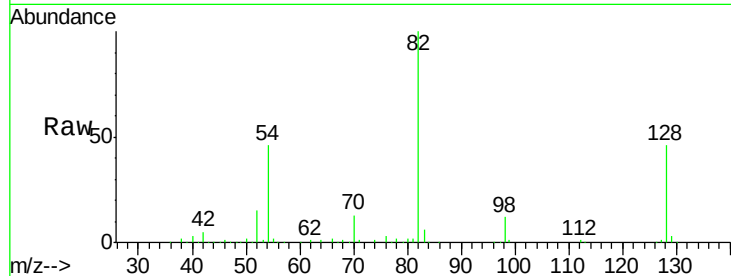




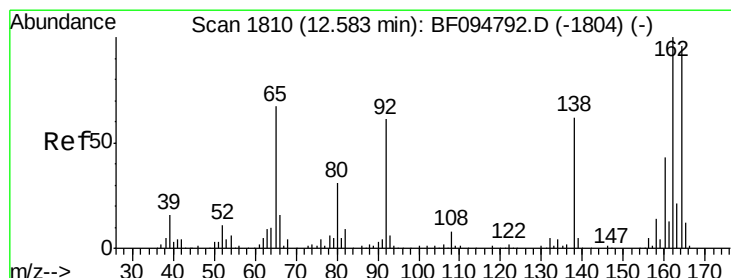
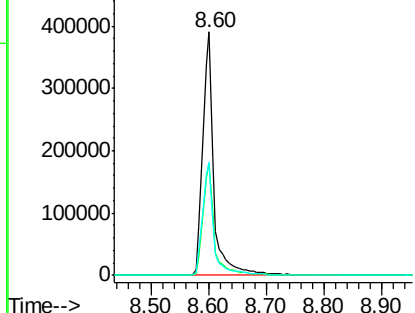
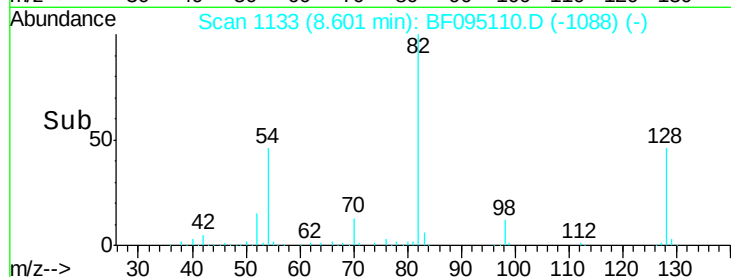
#23
 Nitrobenzene-d5
 Concen: 96.27 ng
 RT: 8.60 min Scan# 1133
 Delta R.T. -0.04 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 534574
 Ion Ratio Lower Upper
 82 100
 128 46.1 34.0 51.0
 54 46.2 42.2 63.2

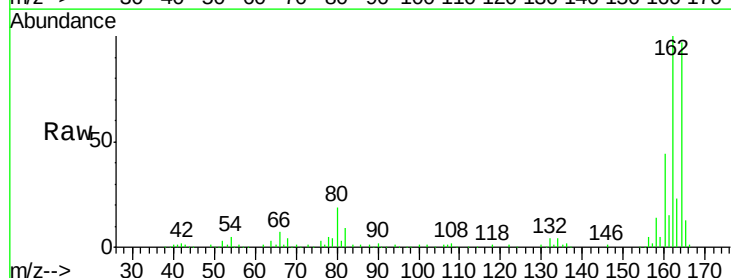


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

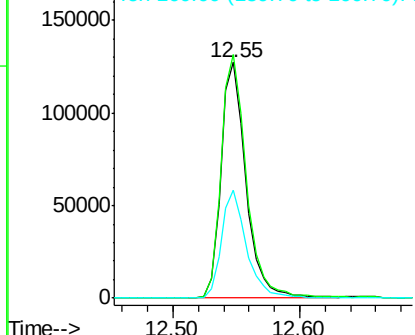
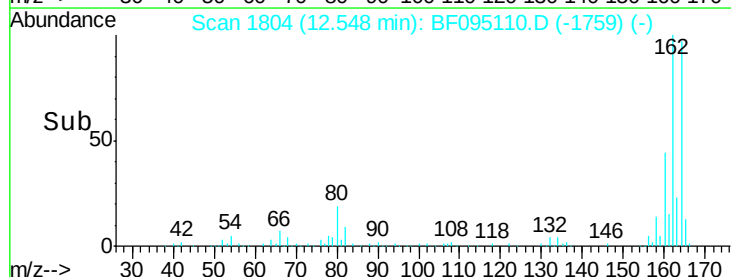


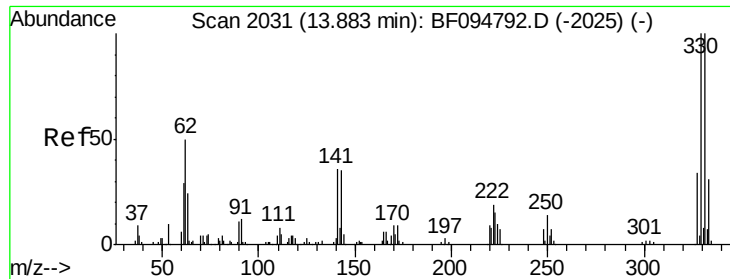
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. -0.04 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

Tgt Ion:164 Resp: 174214
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.9 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: 149.97 ng

RT: 13.85 min Scan# 2025

Delta R.T. -0.04 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

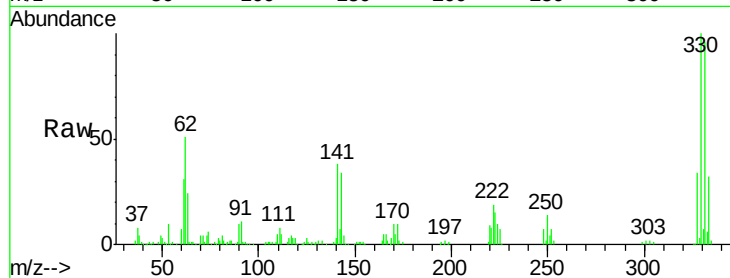
Tot Ion:330 Resp: 213964

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

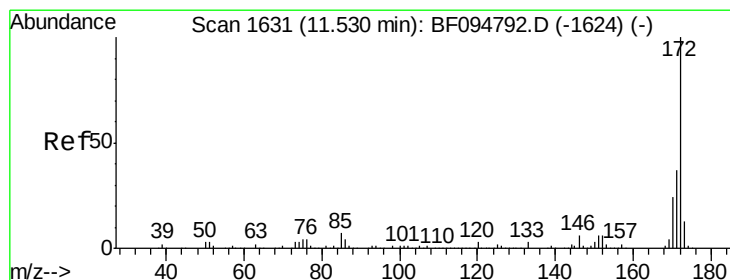
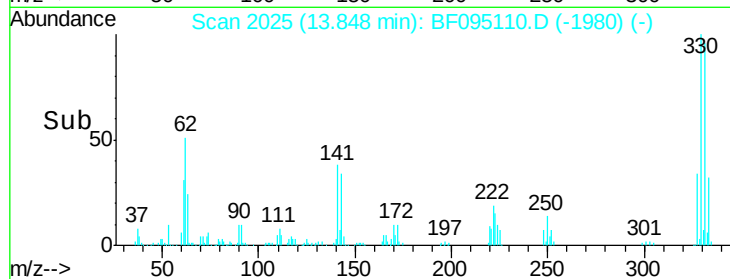
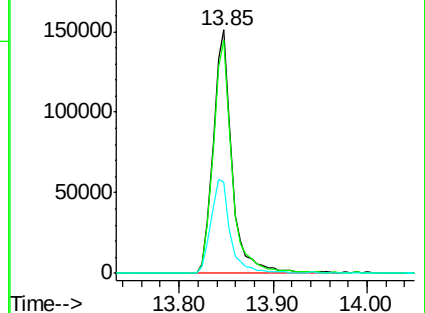
141 40.2 31.4 47.2



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: 83.44 ng

RT: 11.49 min Scan# 1625

Delta R.T. -0.04 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

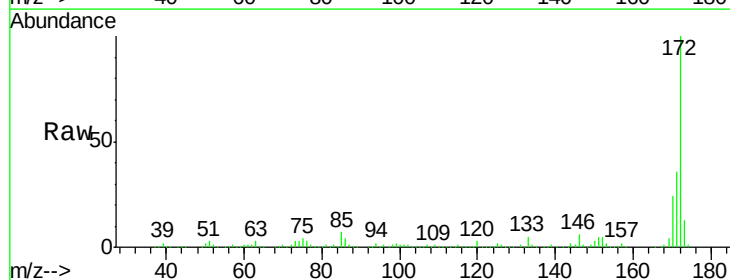
Tgt Ion:172 Resp: 1009895

Ion Ratio Lower Upper

172 100

171 36.0 29.6 44.4

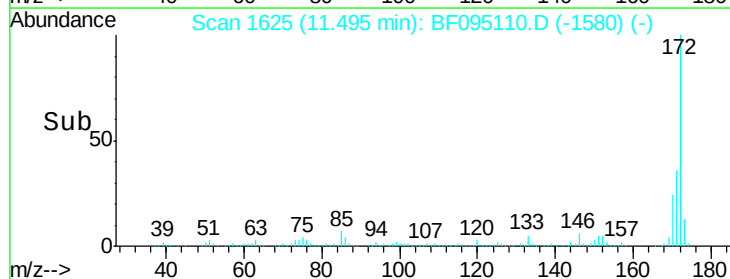
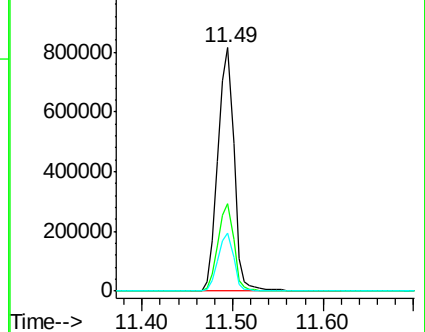
170 23.7 19.8 29.8

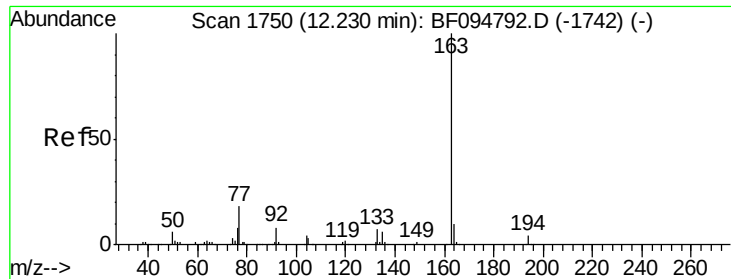


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

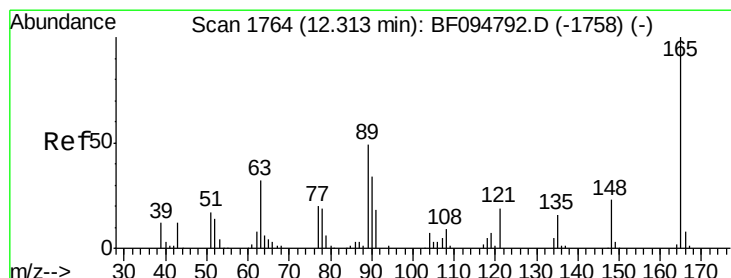
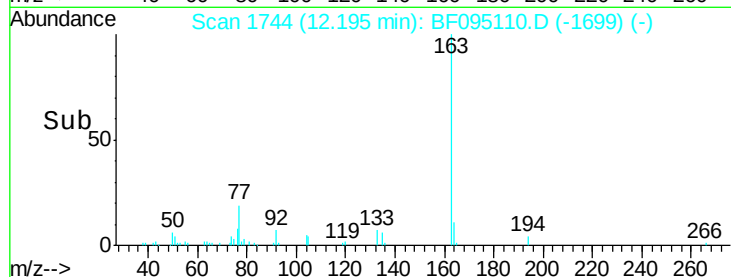
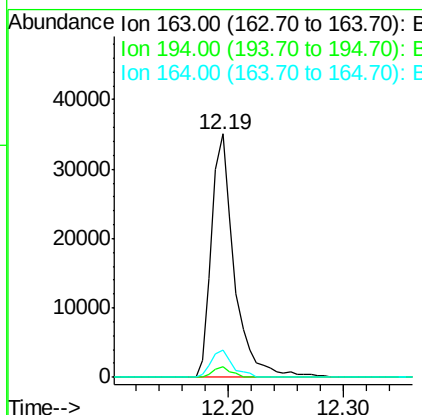
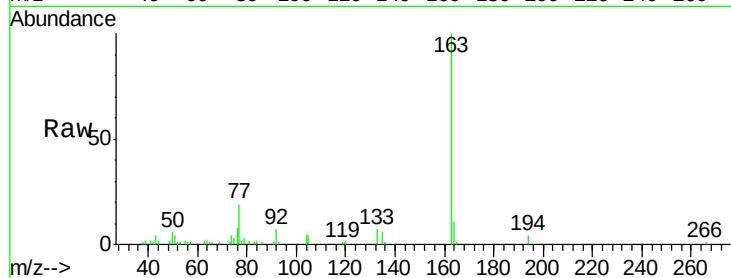




#49
 Dimethylphthalate
 Concen: 3.39 ng
 RT: 12.19 min Scan# 1744
 Delta R.T. -0.04 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

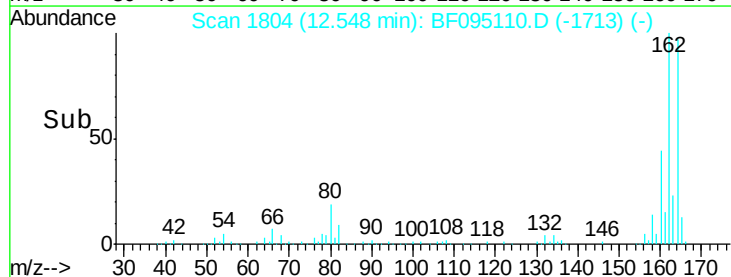
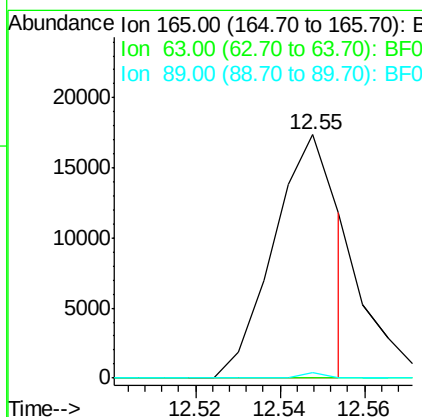
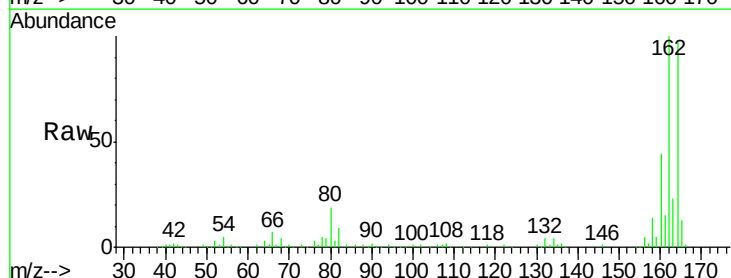
Instrument :
 BNA_F
 ClientSampleId :

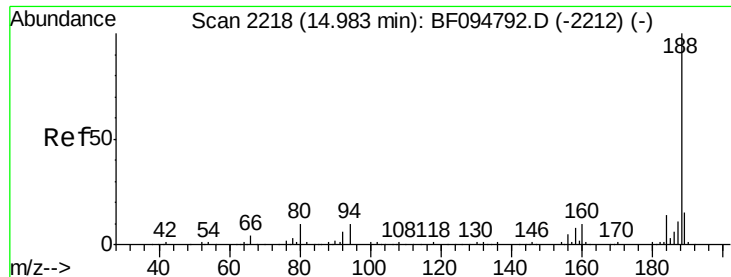
Tot Ion:163 Resp: 48531
 Ion Ratio Lower Upper
 163 100
 194 4.4 2.6 4.0#
 164 11.1 8.4 12.6



#50
 2,6-Dinitrotoluene
 Concen: 6.27 ng
 RT: 12.55 min Scan# 1804
 Delta R.T. 0.24 min
 Lab File: BF095110.D
 Acq: 12 May 2017 14:12

Tgt Ion:165 Resp: 18291
 Ion Ratio Lower Upper
 165 100
 63 0.0 34.3 51.5#
 89 2.4 37.1 55.7#

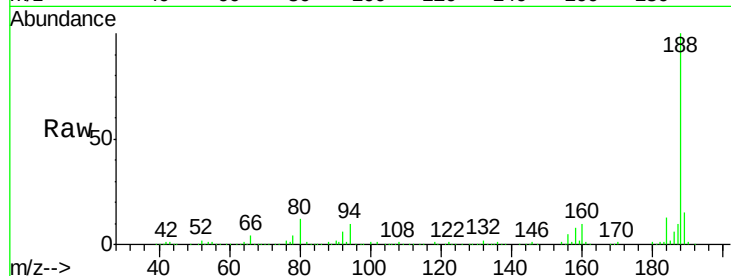




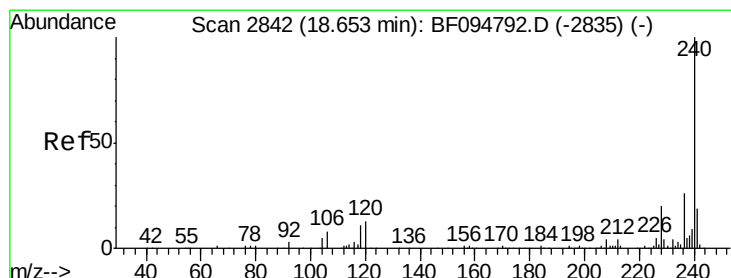
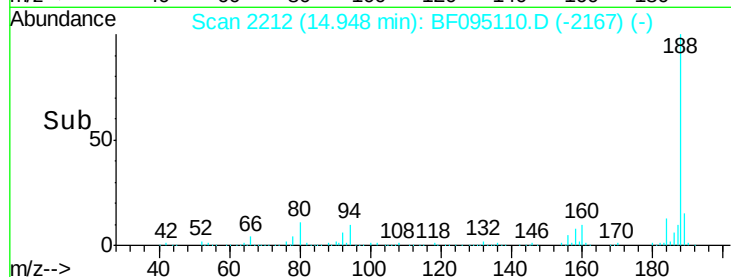
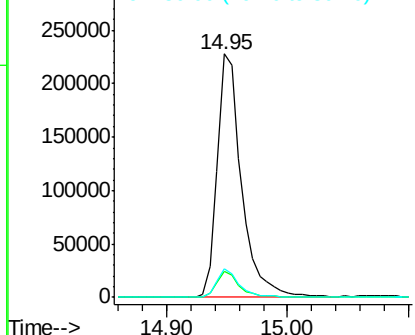
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.95 min Scan# 2212
Delta R.T. -0.04 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 317242
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.6 10.2 15.2

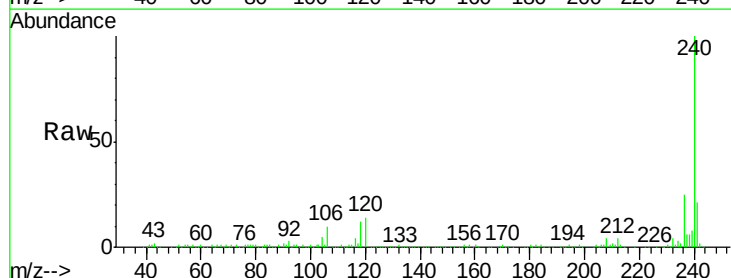


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

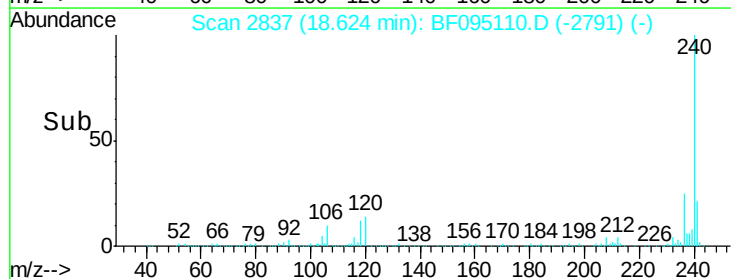
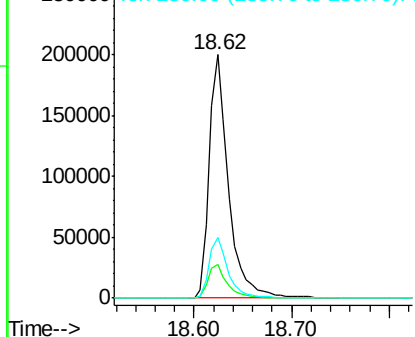


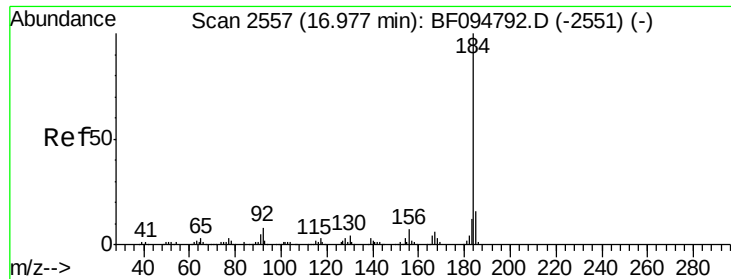
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.03 min
Lab File: BF095110.D
Acq: 12 May 2017 14:12

Tgt Ion:240 Resp: 274223
Ion Ratio Lower Upper
240 100
120 13.9 5.8 8.8#
236 24.7 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: 6.61 ng

RT: 17.02 min Scan# 2565

Delta R.T. 0.05 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

Instrument :

BNA_F

ClientSampleId :

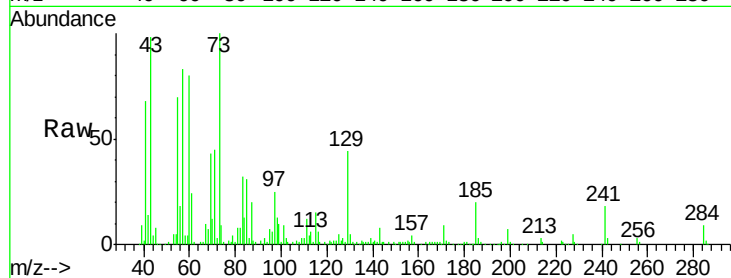
Tot Ion:184 Resp: 169

Ion Ratio Lower Upper

184 100

185 4348.1 15.5 23.3#

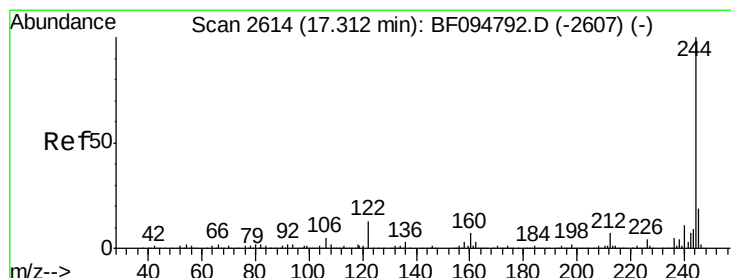
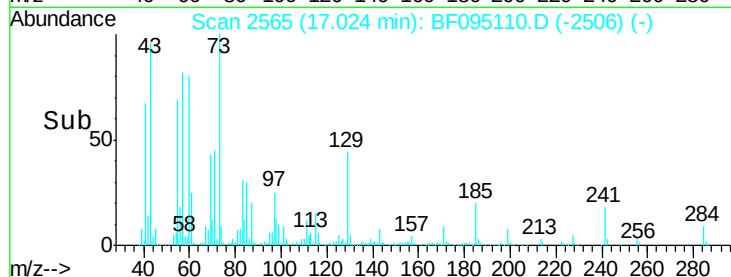
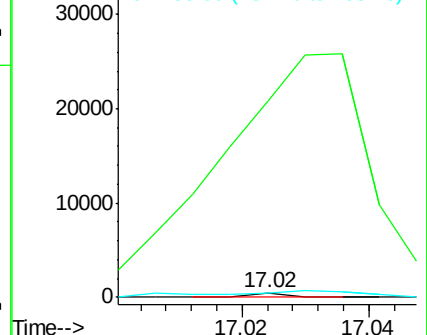
183 90.0 9.8 14.6#



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



#78

Terphenyl-d14

Concen: 79.95 ng

RT: 17.28 min Scan# 2609

Delta R.T. -0.03 min

Lab File: BF095110.D

Acq: 12 May 2017 14:12

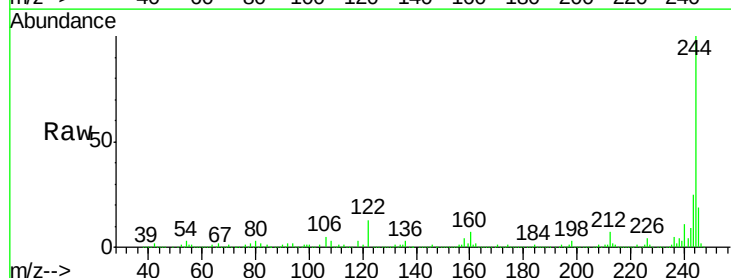
Tgt Ion:244 Resp: 995368

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

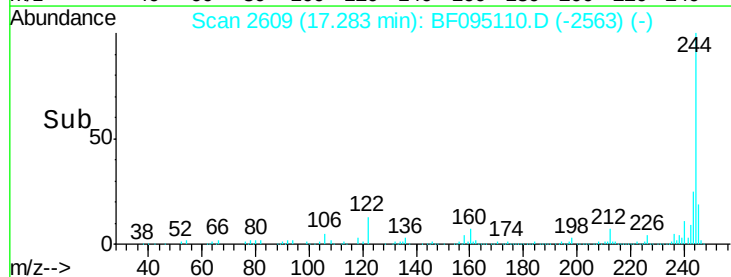
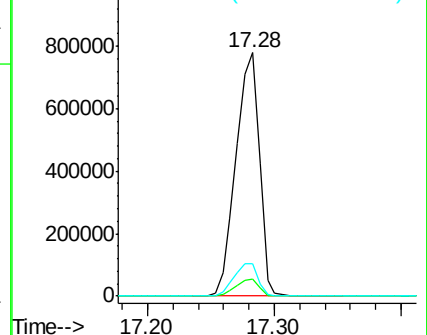
122 13.4 10.3 15.5

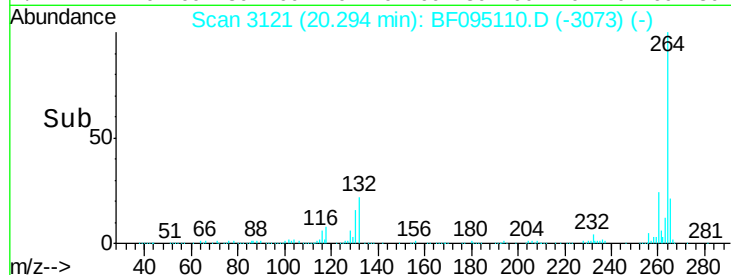
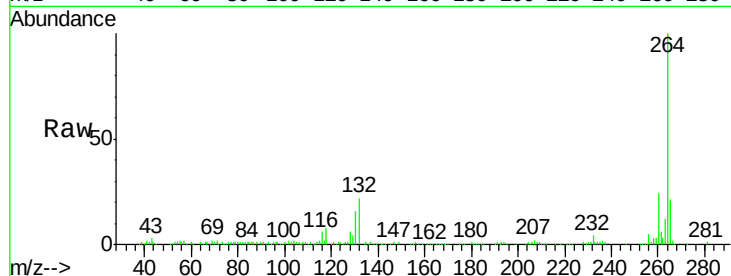
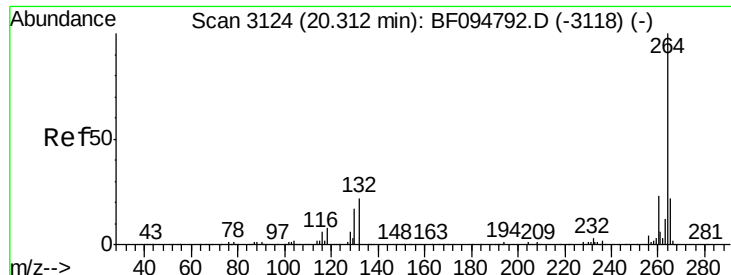


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF095110.D
 Acq: 12 May 2017 14:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	186719
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.3	17.2	25.8

