

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
 Data File : BF095038.D
 Acq On : 9 May 2017 23:52
 Operator : SJ/MA
 Sample : I3035-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-(1-5)

Quant Time: May 10 02:27:47 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

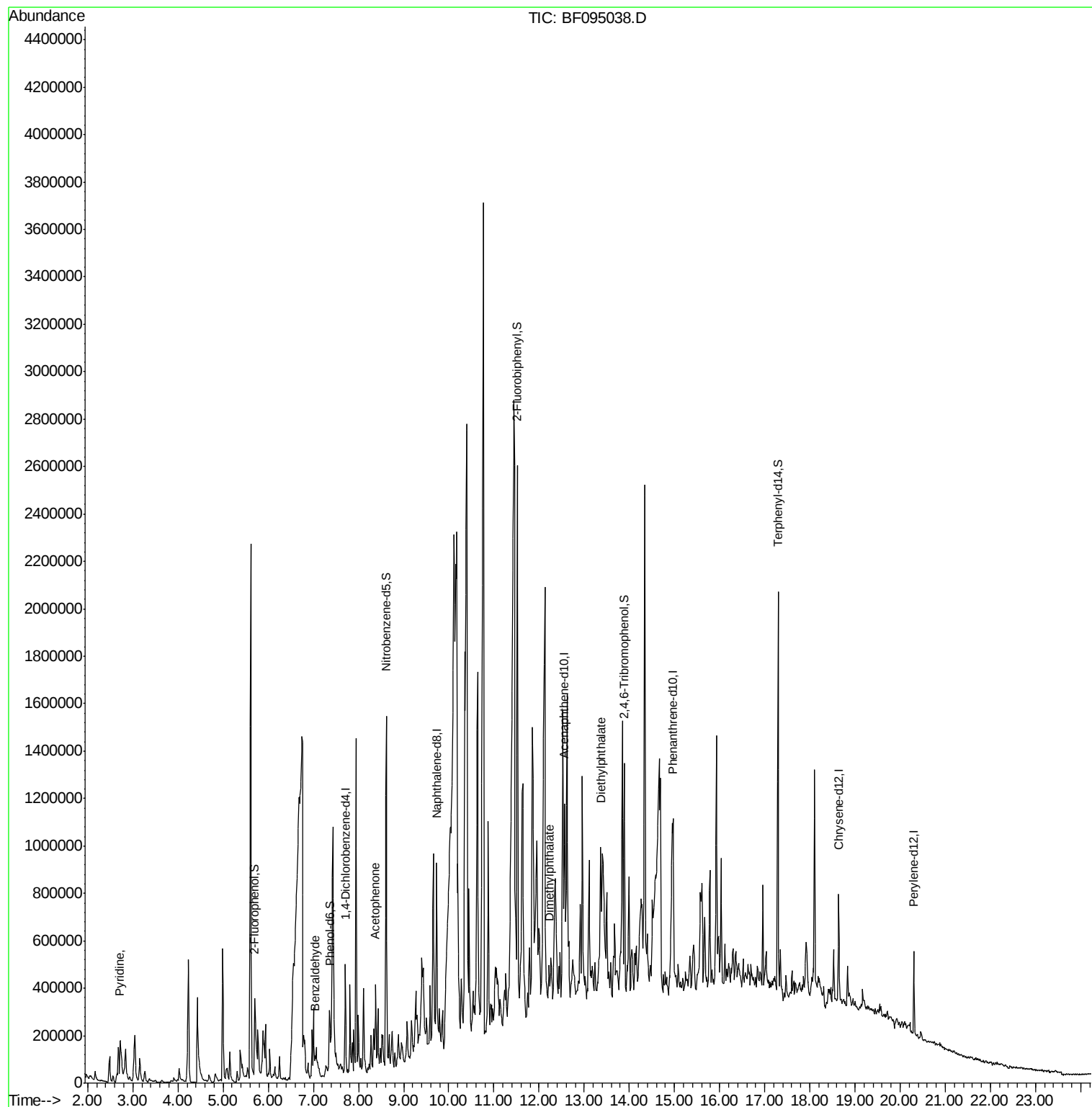
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	93976	20.00	ng	-0.02
21) Naphthalene-d8	9.73	136	387810	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	173144	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	277402	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	184634	20.00	ng	-0.02
86) Perylene-d12	20.31	264	152389	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	291303	51.68	ng	0.03
7) Phenol-d6	7.35	99	213878	31.62	ng	0.08
23) Nitrobenzene-d5	8.61	82	514849	83.72	ng	-0.02
41) 2,4,6-Tribromophenol	13.89	330	171098	120.66	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	995993	82.80	ng	-0.01
78) Terphenyl-d14	17.29	244	649138	77.44	ng	-0.02
Target Compounds						
3) Pyridine	2.72	79	119148	18.60	ng	Qvalue 94
9) Benzaldehyde	7.04	77	17208	4.17	ng	90
22) Acetophenone	8.38	105	145390	15.63	ng	# 82
49) Dimethylphthalate	12.22	163	35578	2.50	ng	# 70
59) Diethylphthalate	13.37	149	272975	20.04	ng	98

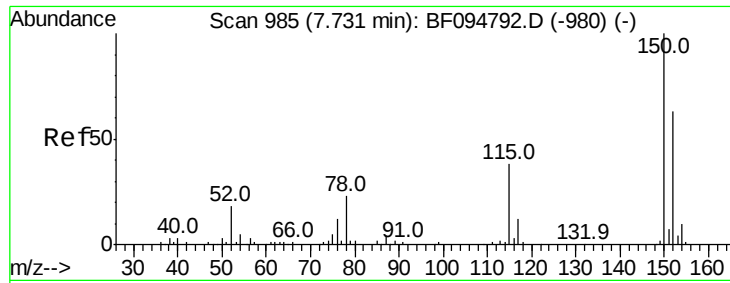
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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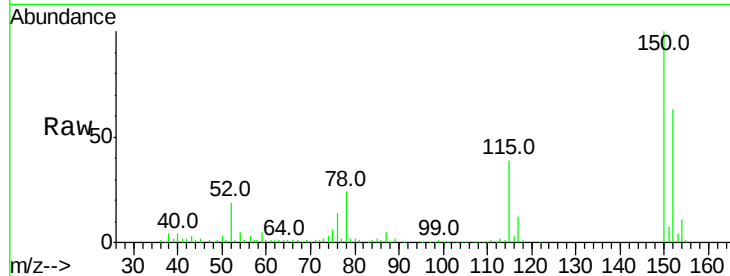


#1

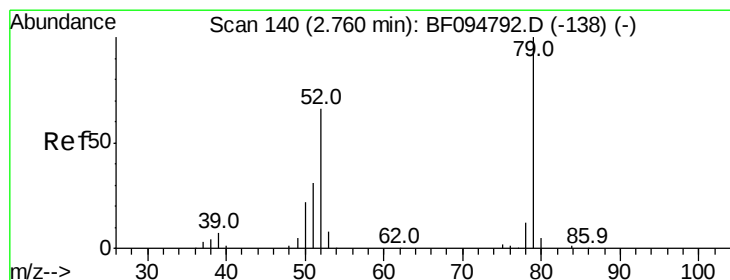
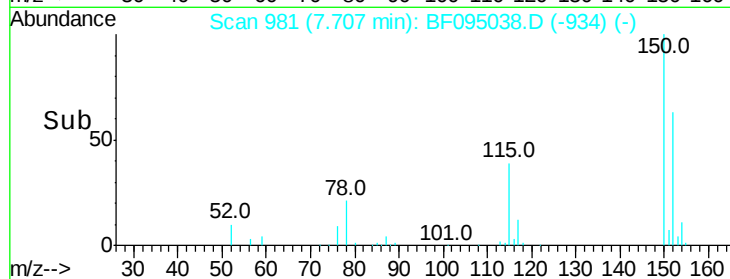
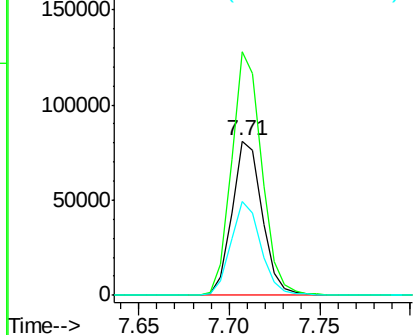
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.71 min Scan# 981
 Delta R.T. -0.02 min
 Lab File: BF095038.D
 Acq: 9 May 2017 23:52

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-COMP-(1-5)

Tot Ion:152 Resp: 93976
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 60.9 52.2 78.2



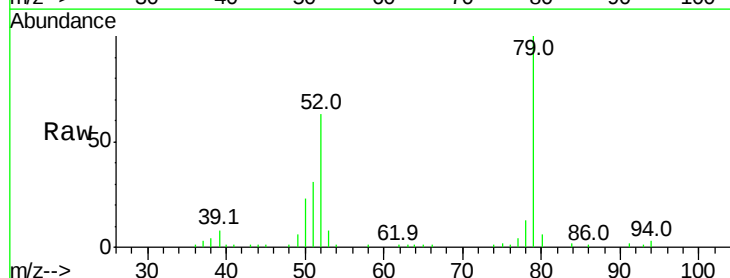
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



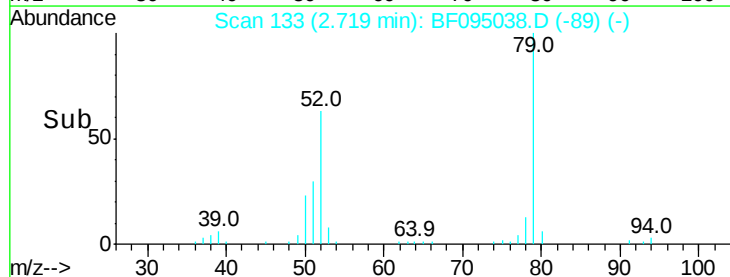
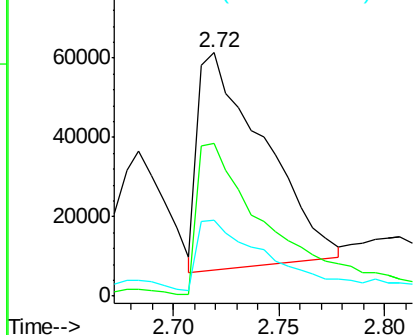
#3

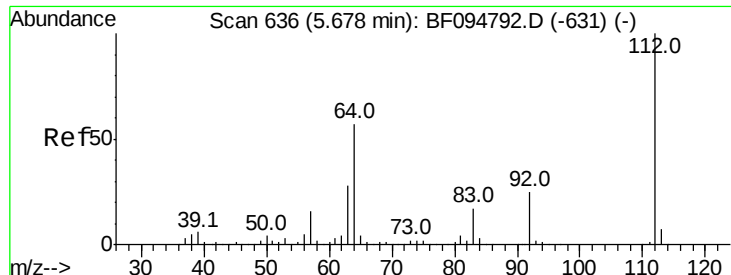
Pyridine
 Concen: 18.60 ng
 RT: 2.72 min Scan# 133
 Delta R.T. -0.04 min
 Lab File: BF095038.D
 Acq: 9 May 2017 23:52

Tgt Ion: 79 Resp: 119148
 Ion Ratio Lower Upper
 79 100
 52 62.8 54.8 82.2
 51 31.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
 Ion 52.00 (51.70 to 52.70): BF0
 Ion 51.00 (50.70 to 51.70): BF0





#5

2-Fluorophenol

Concen: 51.68 ng

RT: 5.71 min Scan# 641

Delta R.T. 0.03 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-(1-5)

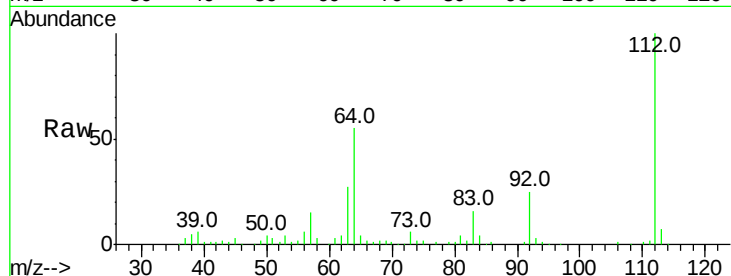
Tot Ion:112 Resp: 291303

Ion Ratio Lower Upper

112 100

64 55.0 46.0 69.0

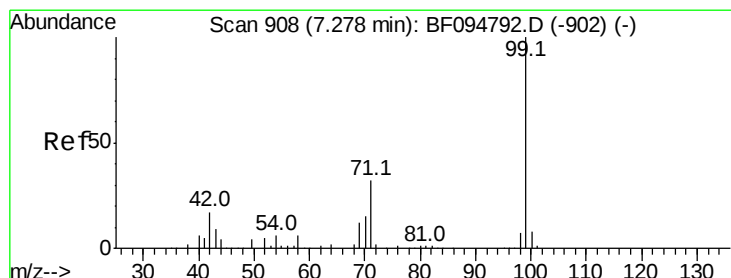
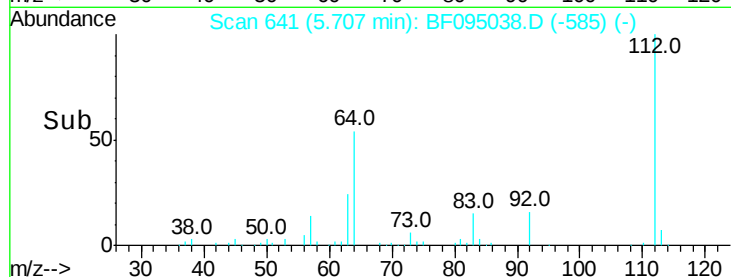
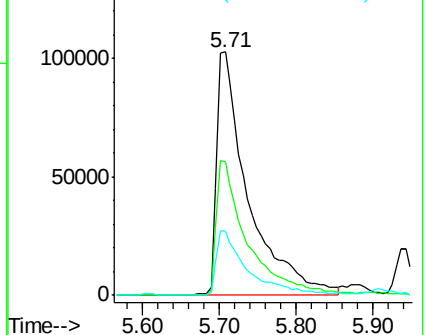
63 26.7 23.4 35.0



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: 31.62 ng

RT: 7.35 min Scan# 921

Delta R.T. 0.08 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

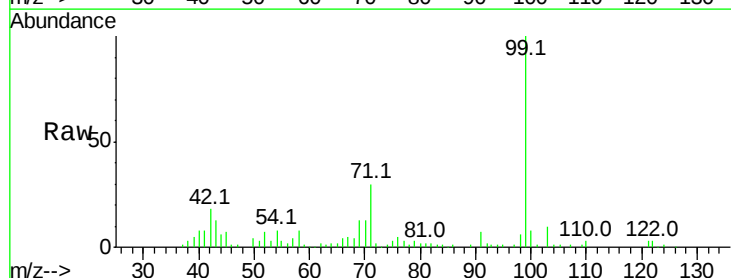
Tgt Ion: 99 Resp: 213878

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

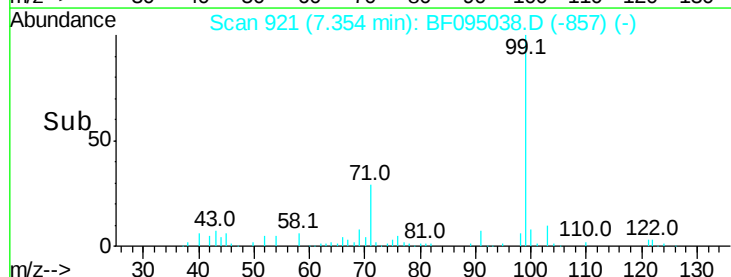
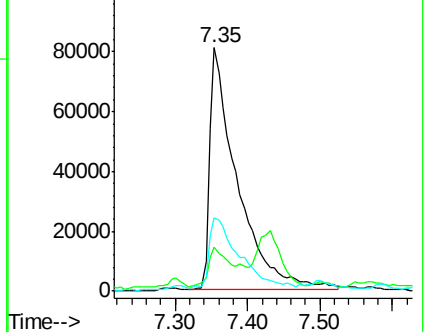
71 30.2 24.5 36.7

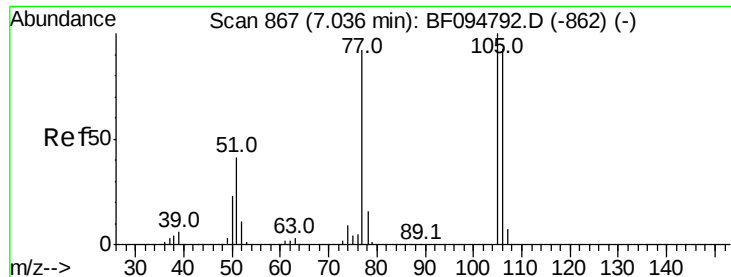


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 4.17 ng

RT: 7.04 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-(1-5)

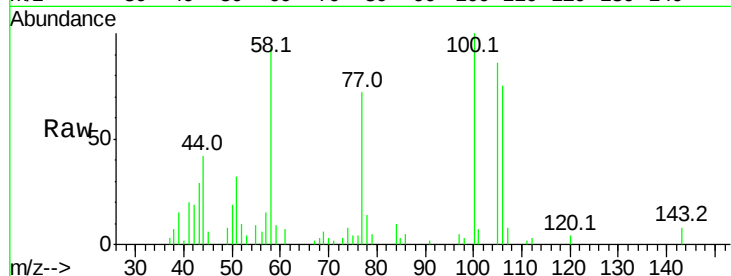
Tot Ion: 77 Resp: 17208

Ion Ratio Lower Upper

77 100

105 119.5 83.8 123.8

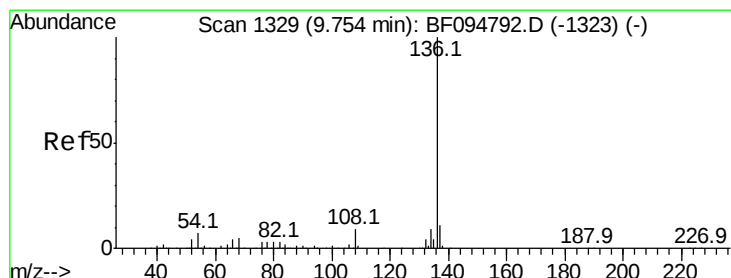
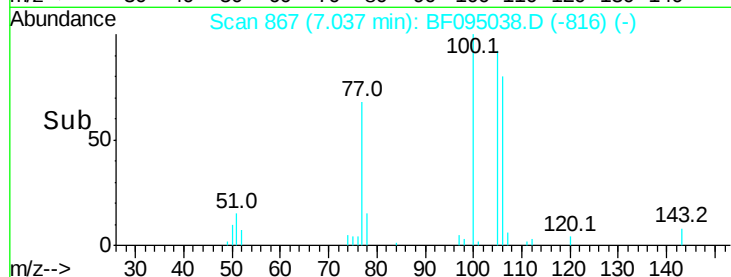
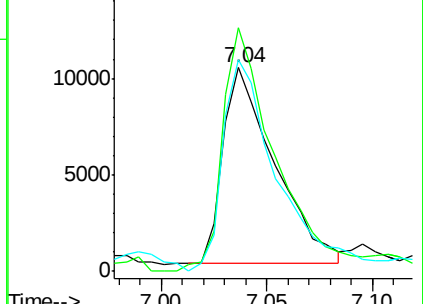
106 104.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

Tgt Ion: 136 Resp: 387810

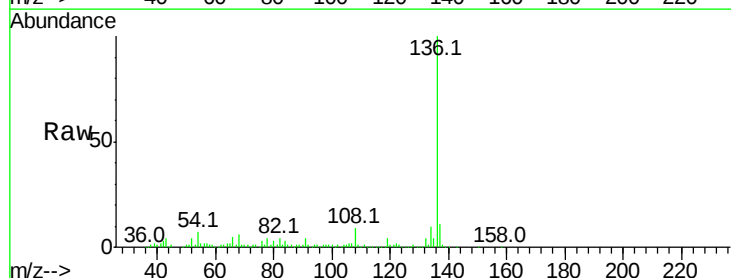
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

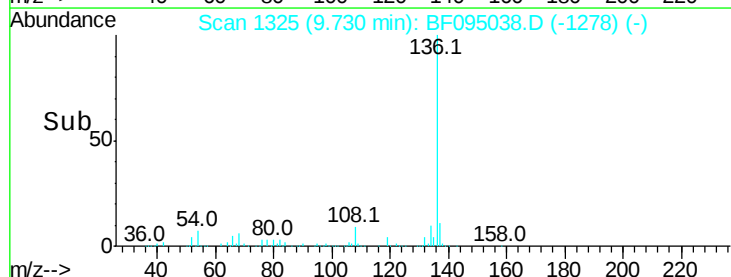
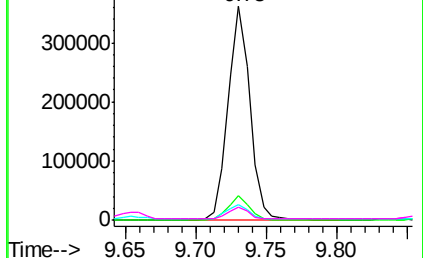


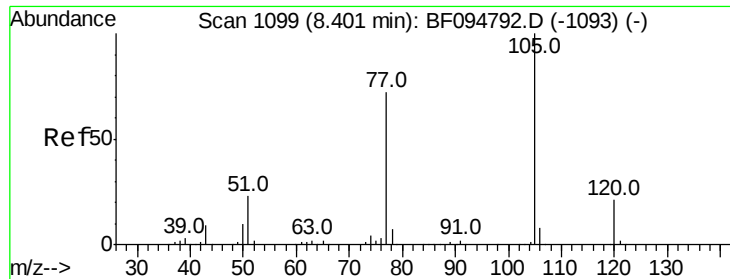
Abundance Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 15.63 ng

RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-(1-5)

Tot Ion:105 Resp: 145390

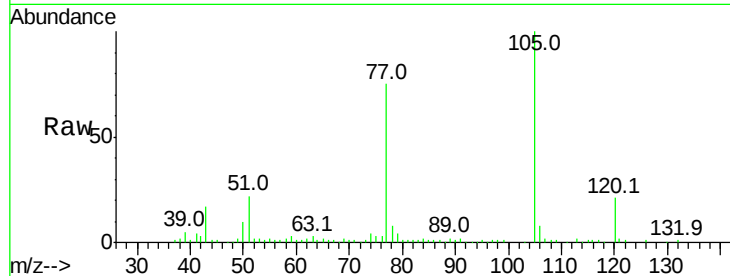
Ion Ratio Lower Upper

105 100

71 1.1 2.8 4.2#

51 21.9 30.7 46.1#

120 20.6 17.4 26.0

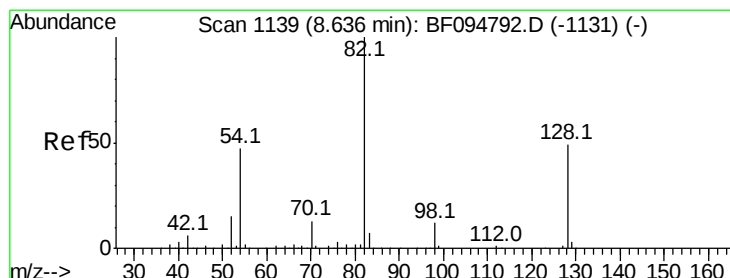
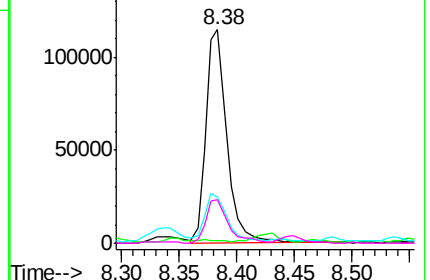
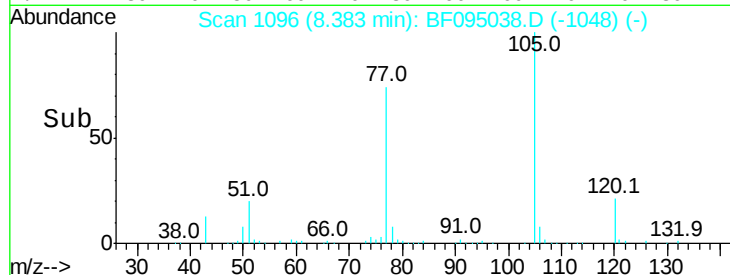


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 83.72 ng

RT: 8.61 min Scan# 1135

Delta R.T. -0.02 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

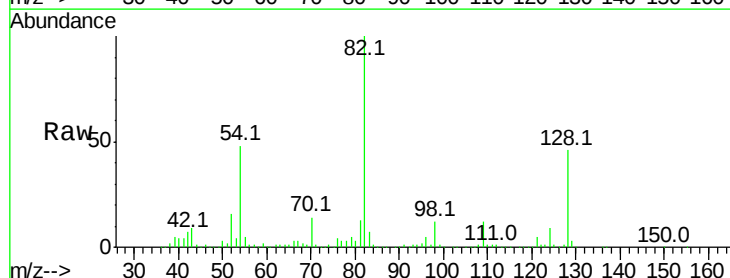
Tgt Ion: 82 Resp: 514849

Ion Ratio Lower Upper

82 100

128 45.9 34.0 51.0

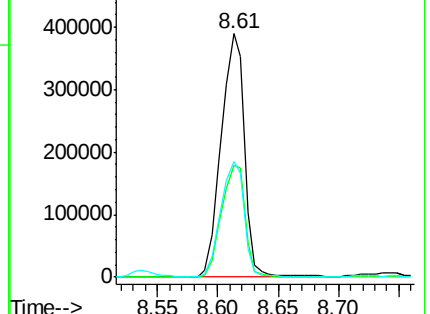
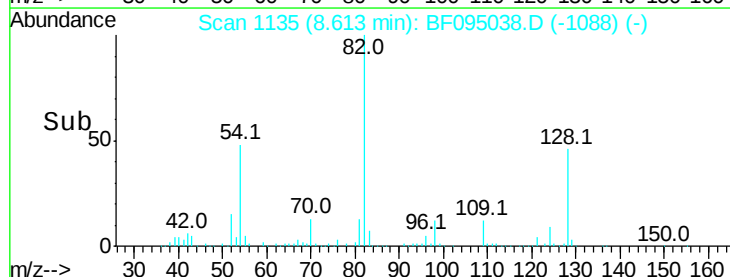
54 47.7 42.2 63.2

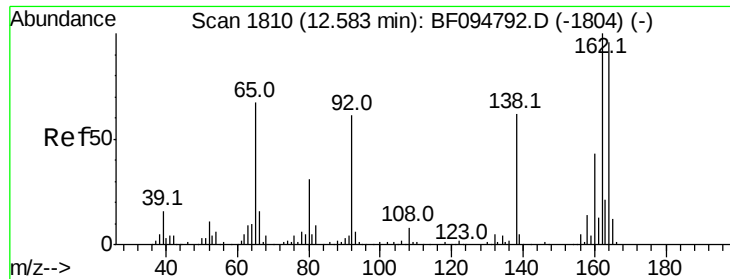


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

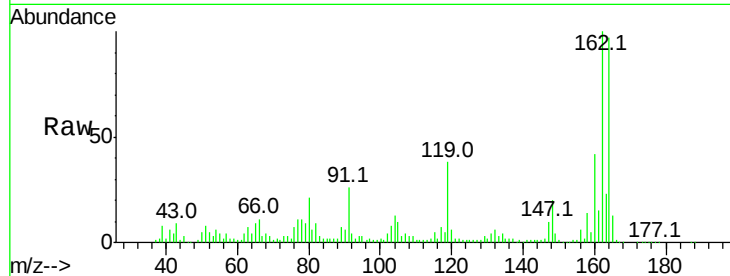




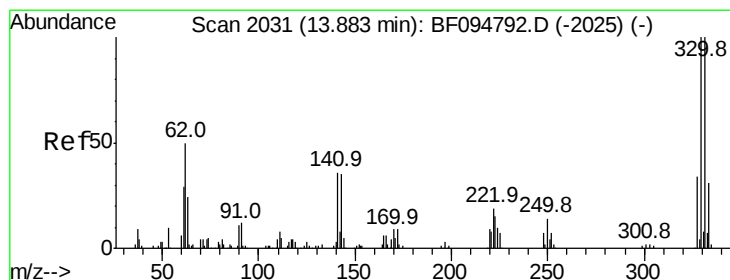
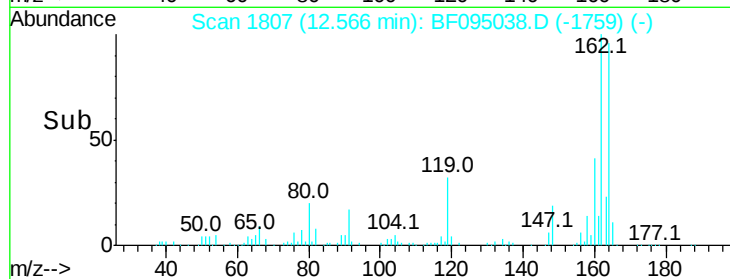
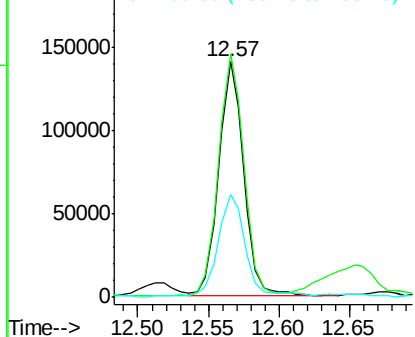
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

Tot Ion:164 Resp: 173144
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 43.6 36.2 54.2

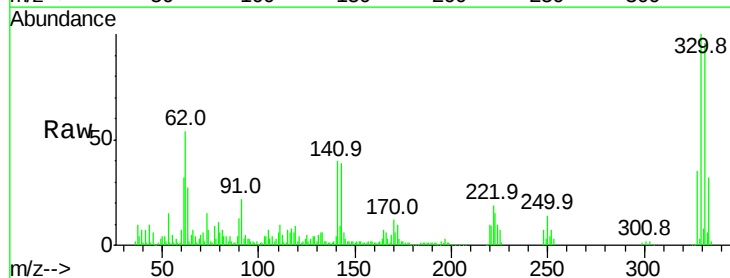


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

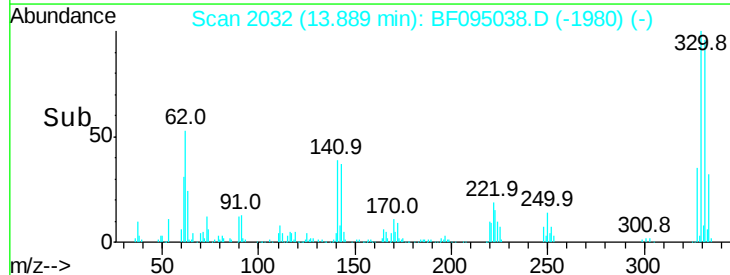
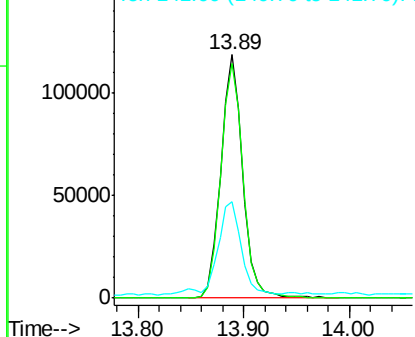


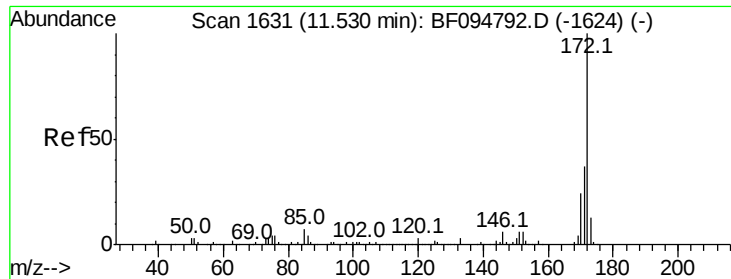
#41
2,4,6-Tribromophenol
Concen: 120.66 ng
RT: 13.89 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Tgt Ion:330 Resp: 171098
Ion Ratio Lower Upper
330 100
332 98.3 76.6 115.0
141 38.9 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

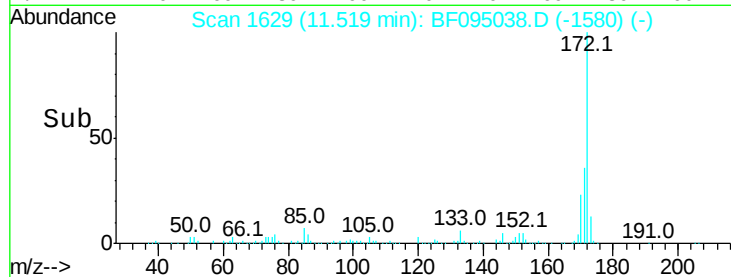
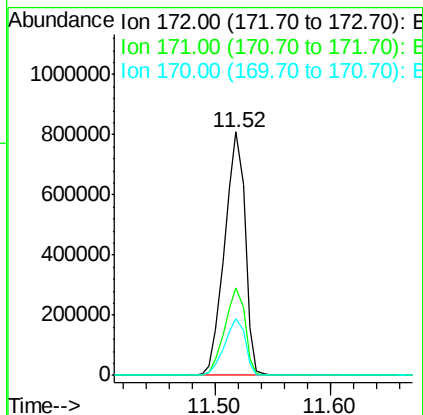
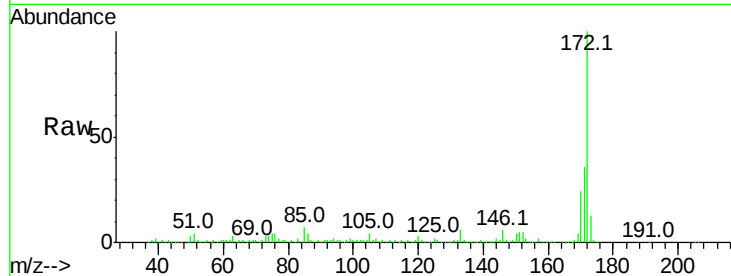




#44
2-Fluorobiphenyl
Concen: 82.80 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

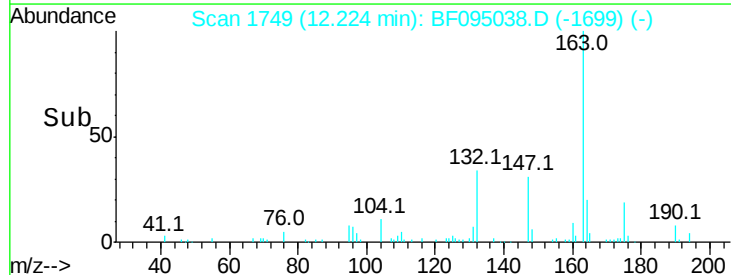
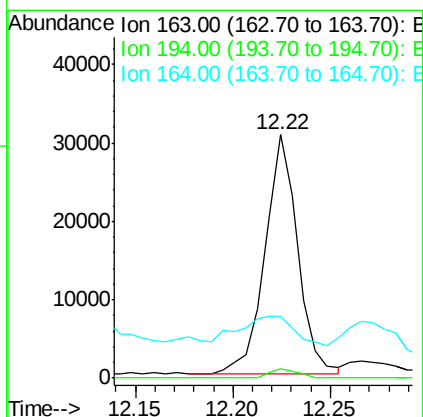
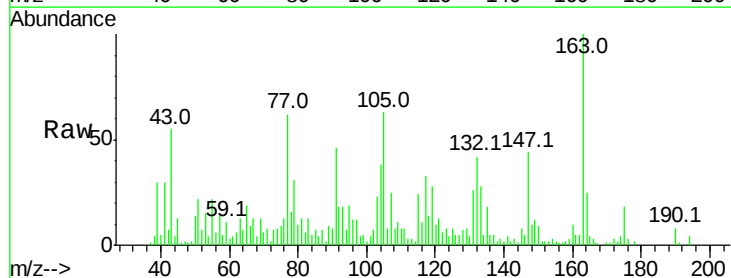
Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

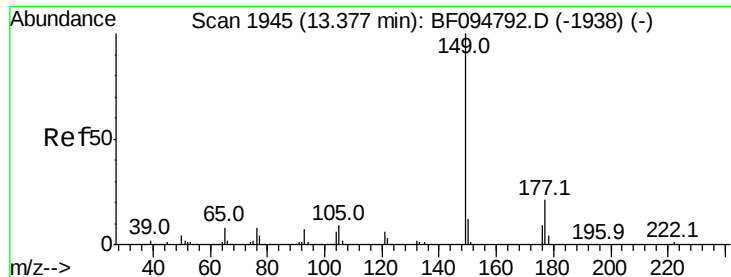
Tot Ion:172 Resp: 995993
Ion Ratio Lower Upper
172 100
171 35.7 29.6 44.4
170 23.5 19.8 29.8



#49
Dimethylphthalate
Concen: 2.50 ng
RT: 12.22 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Tgt Ion:163 Resp: 35578
Ion Ratio Lower Upper
163 100
194 4.1 2.6 4.0#
164 25.2 8.4 12.6#

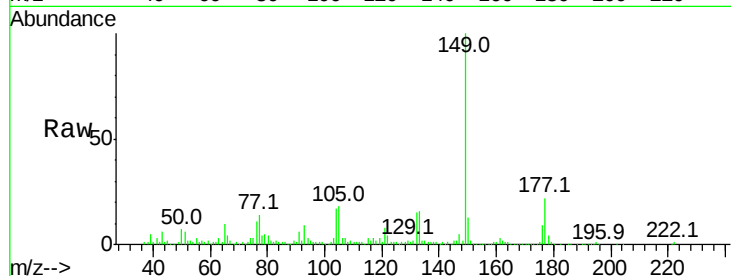




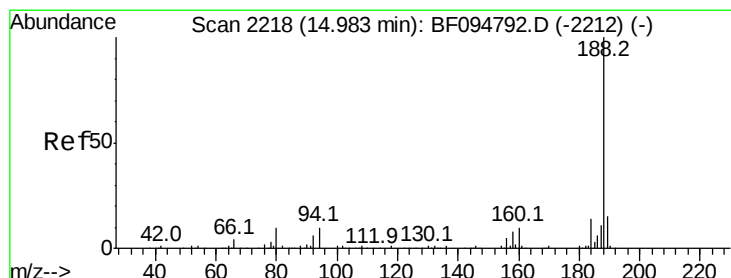
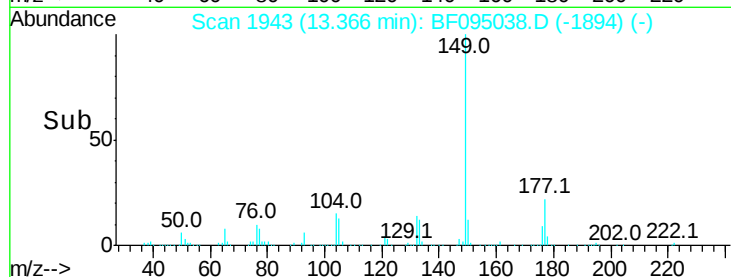
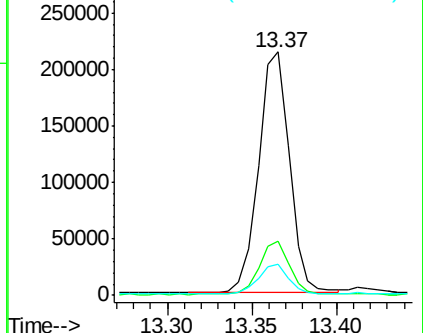
#59
Diethylphthalate
Concen: 20.04 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.7	25.1
150	12.6	10.2	15.2

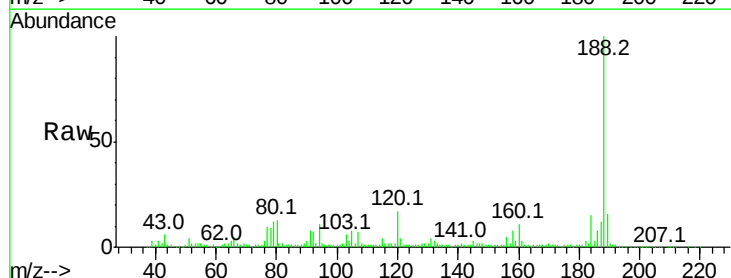


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

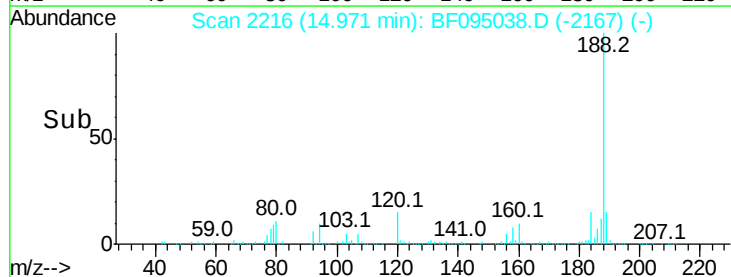
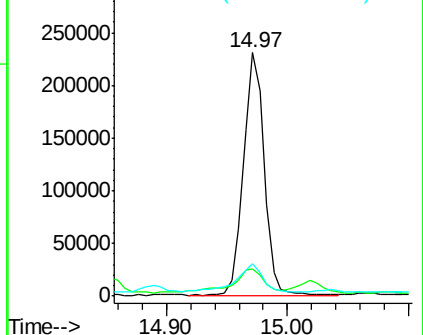


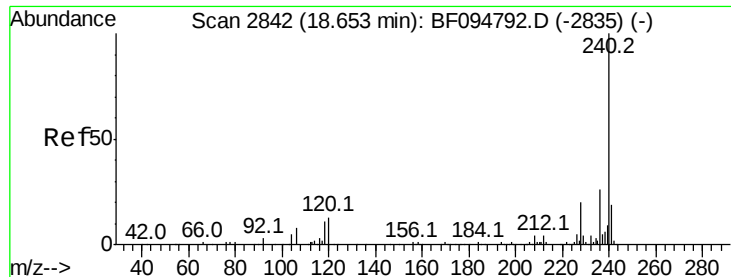
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	9.4	14.2
80	13.1	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: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

Instrument :

BNA_F

ClientSampleId :

DRUM-COMP-(1-5)

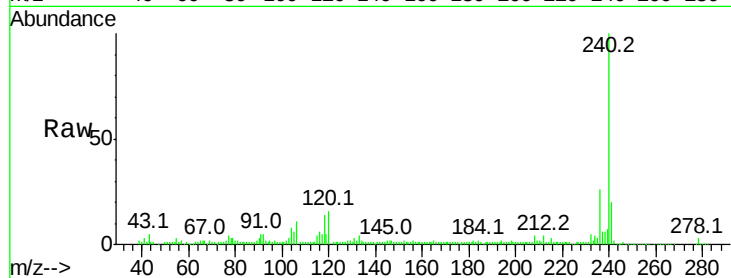
Tot Ion:240 Resp: 184634

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

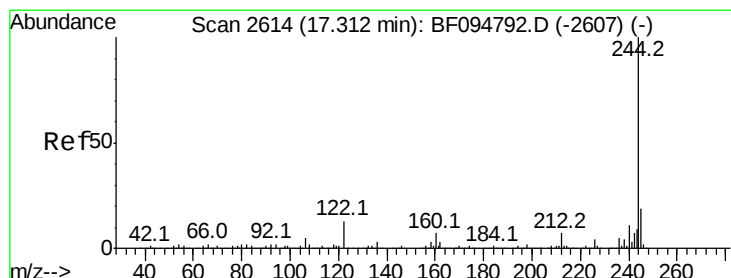
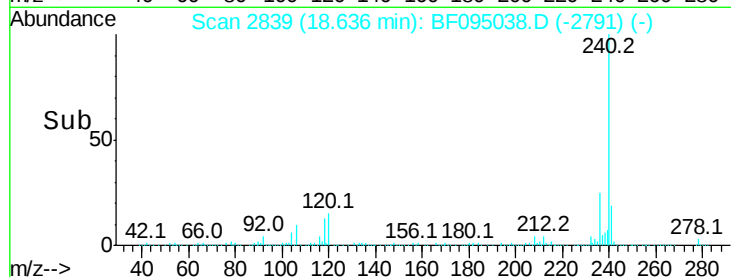
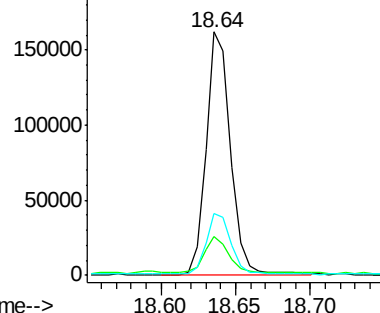
236 25.7 20.5 30.7



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



#78

Terphenyl-d14

Concen: 77.44 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF095038.D

Acq: 9 May 2017 23:52

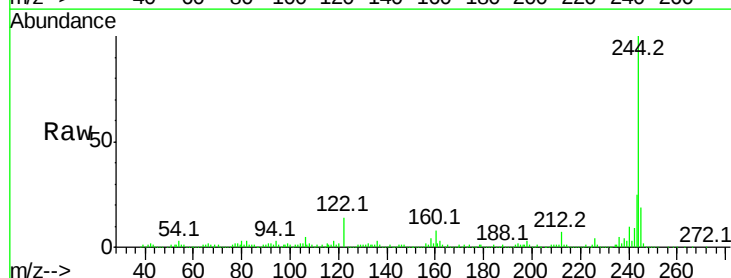
Tgt Ion:244 Resp: 649138

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

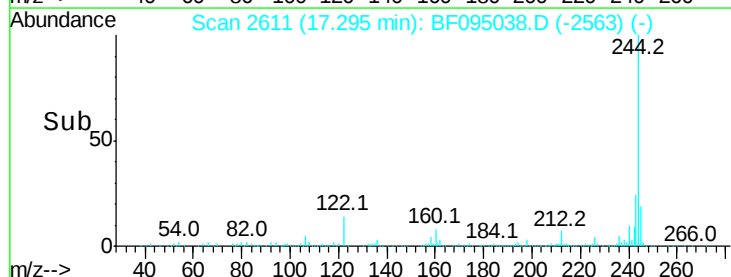
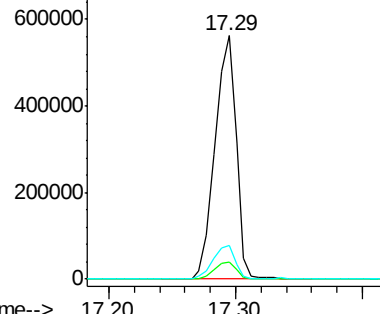
122 13.9 10.3 15.5

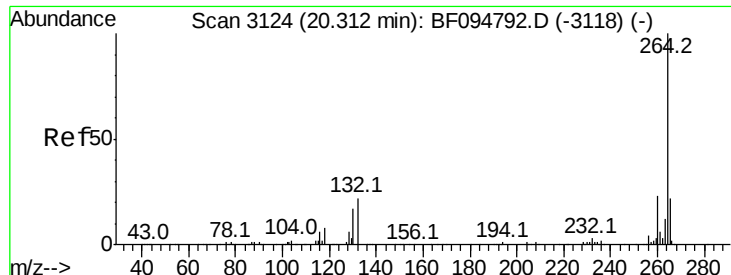


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF095038.D
Acq: 9 May 2017 23:52

Instrument :
BNA_F
ClientSampleId :
DRUM-COMP-(1-5)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	21.4	17.2	25.8

