

Data Path : Z:\HPCHEM1\BNA_F\Data\BF050417\
 Data File : BF094876.D
 Acq On : 4 May 2017 16:22
 Operator : SJ/MA
 Sample : I2936-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

Quant Time: May 04 16:52:59 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

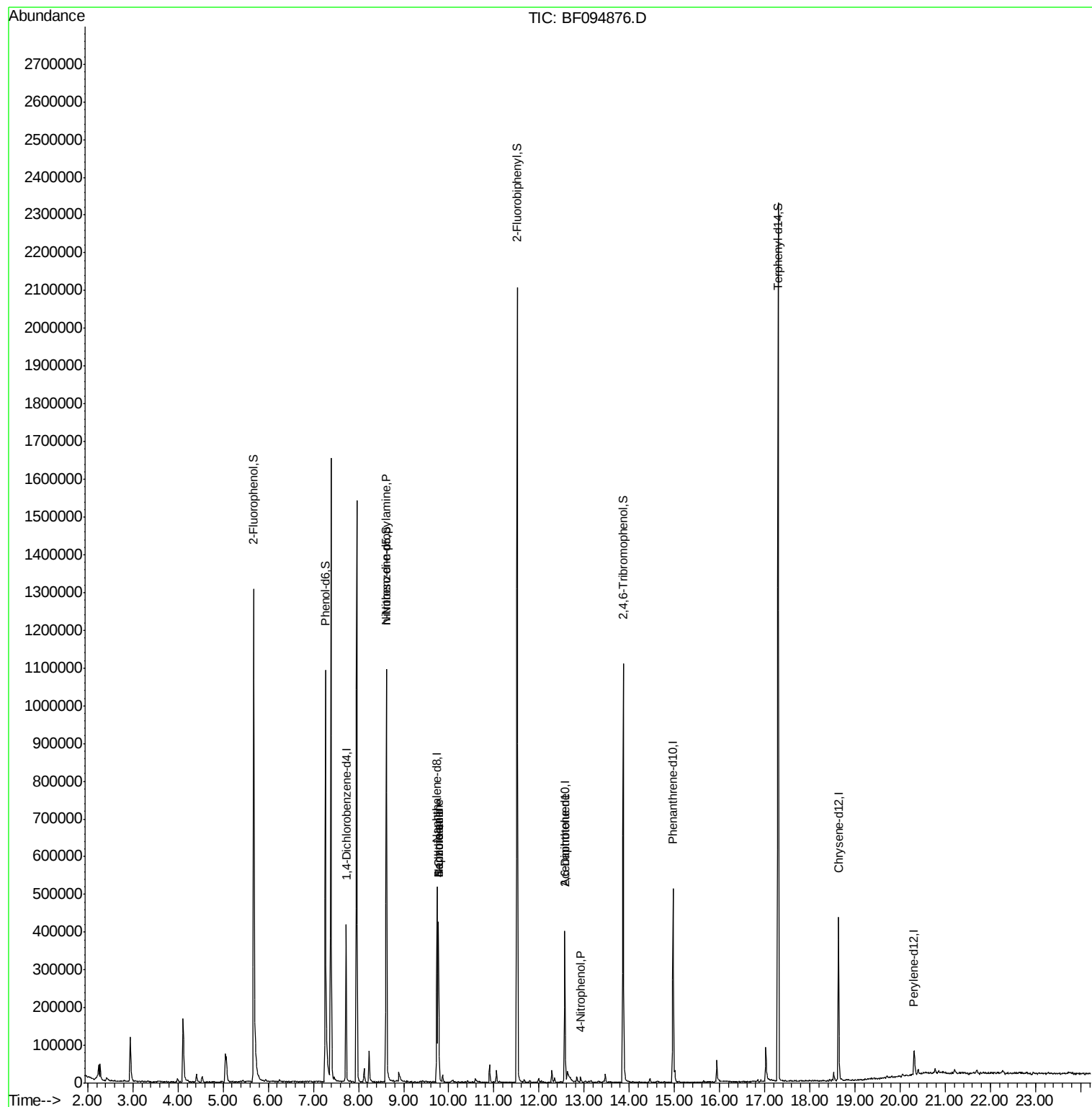
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82882	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	322692	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	112835	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	262676	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	157157	20.00	ng	-0.02
86) Perylene-d12	20.31	264	15204	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	620018	124.72	ng	0.00
7) Phenol-d6	7.27	99	596463	100.00	ng	-0.01
23) Nitrobenzene-d5	8.62	82	474640	92.75	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	185246	200.46	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	939104	119.79	ng	-0.01
78) Terphenyl-d14	17.30	244	876447	122.83	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	8.62	70	61040	15.13	ng	# 74
31) Naphthalene	9.77	128	260051	16.03	ng	99
32) Benzoic acid	9.77	122	574	5.25	ng	# 1
33) 4-Chloroaniline	9.77	127	33919	5.61	ng	# 36
50) 2,6-Dinitrotoluene	12.57	165	12543	6.64	ng	# 31
55) 4-Nitrophenol	12.92	139	3385	2.78	ng	# 25

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

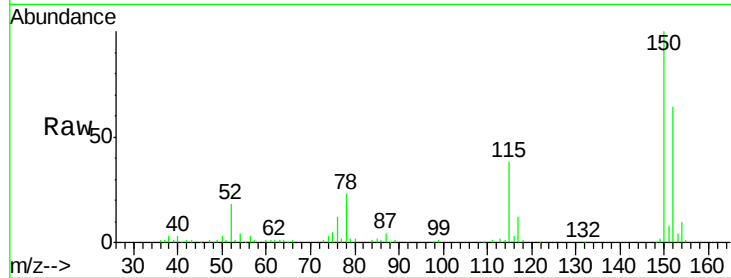
Tgt Ion:152 Resp: 82882

Ion Ratio Lower Upper

152 100

150 155.6 126.2 189.2

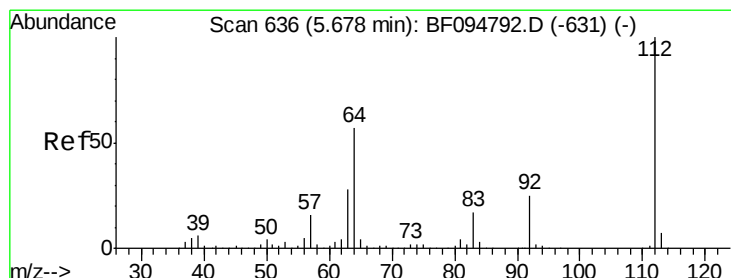
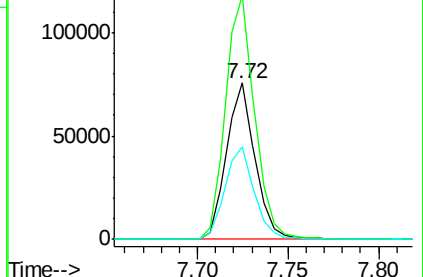
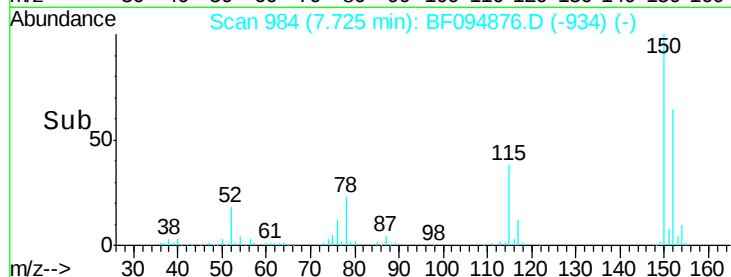
115 59.0 52.2 78.2



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: 124.72 ng

RT: 5.68 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

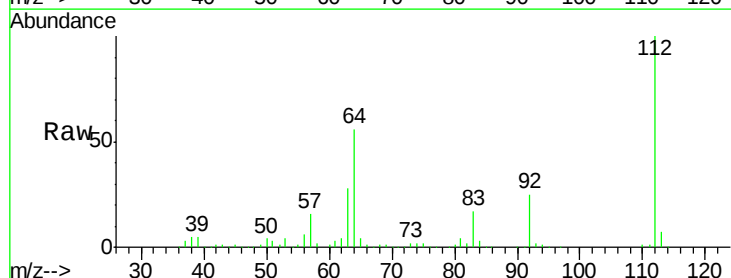
Tgt Ion:112 Resp: 620018

Ion Ratio Lower Upper

112 100

64 56.2 46.0 69.0

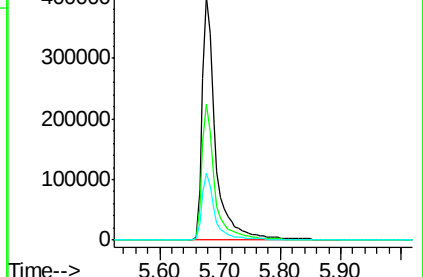
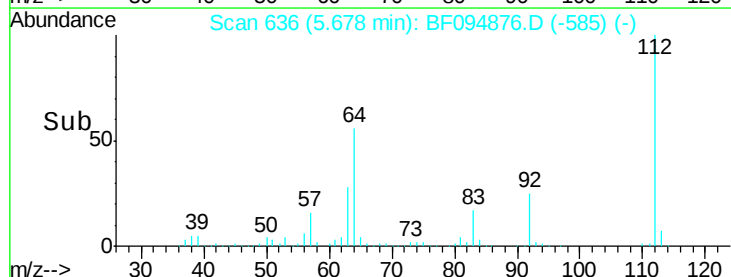
63 27.7 23.4 35.0

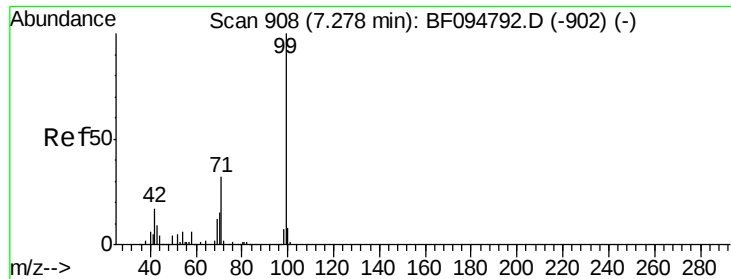


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.00 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

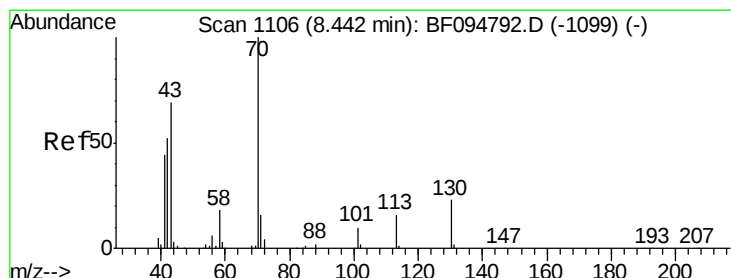
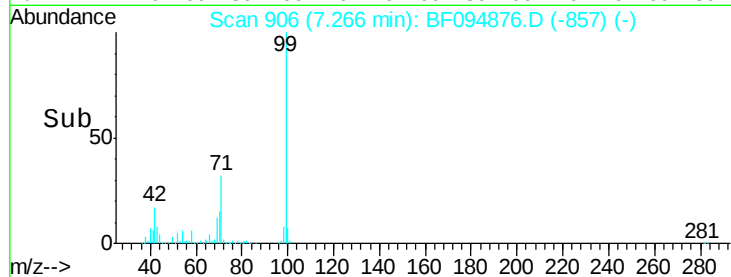
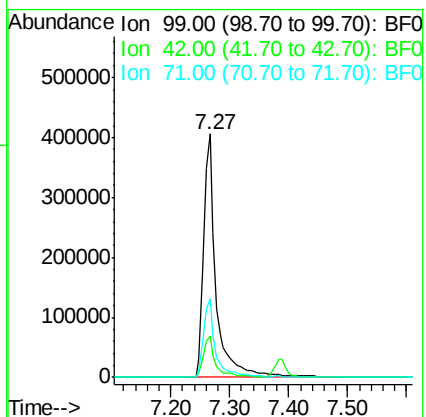
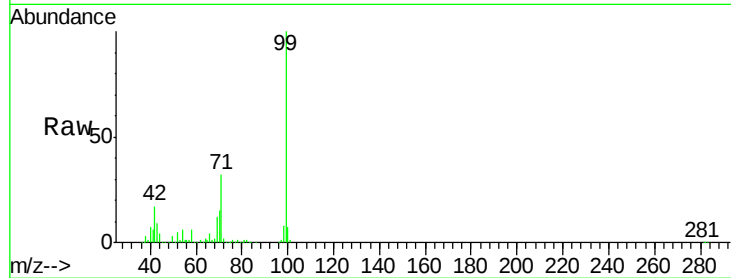
Tgt Ion: 99 Resp: 596463

Ion Ratio Lower Upper

99 100

42 16.8 13.5 20.3

71 32.2 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 15.13 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Tgt Ion: 70 Resp: 61040

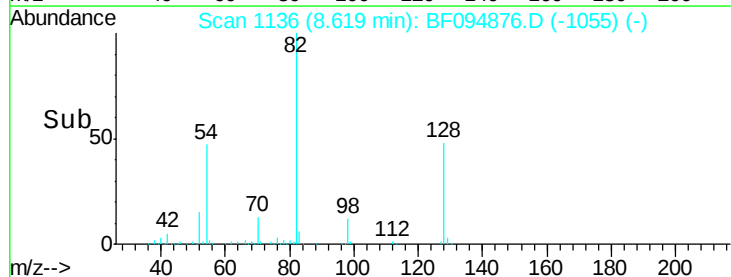
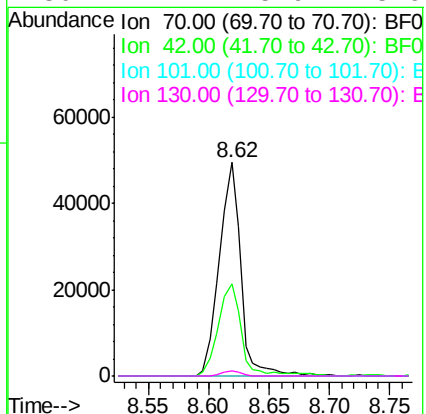
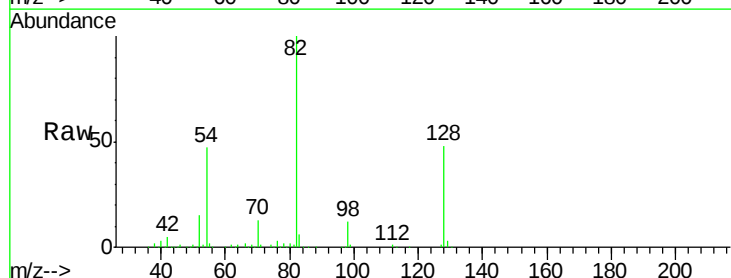
Ion Ratio Lower Upper

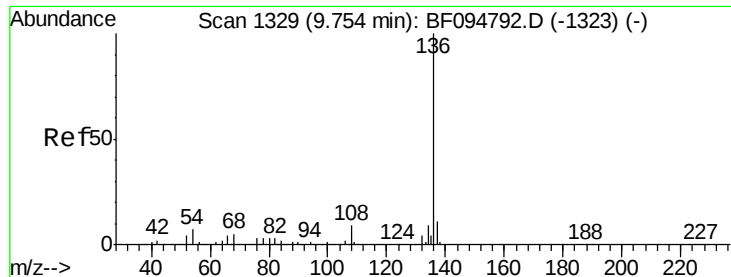
70 100

42 43.1 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

Instrument :

BNA_F

ClientSampleId :

TP2-COMP(1-10FT)

Tgt Ion:136 Resp: 322692

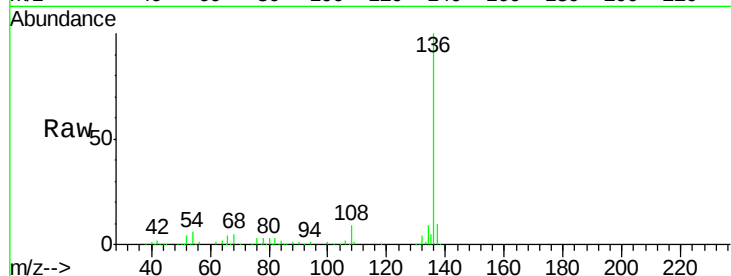
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 6.2 4.9 7.3

68 5.3 4.1 6.1

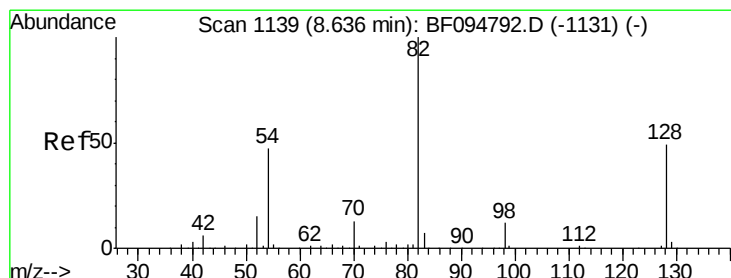
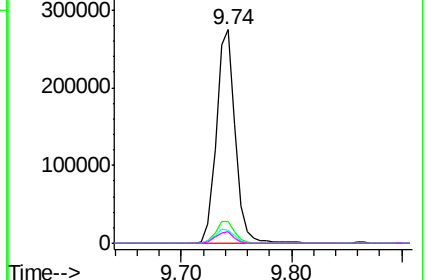
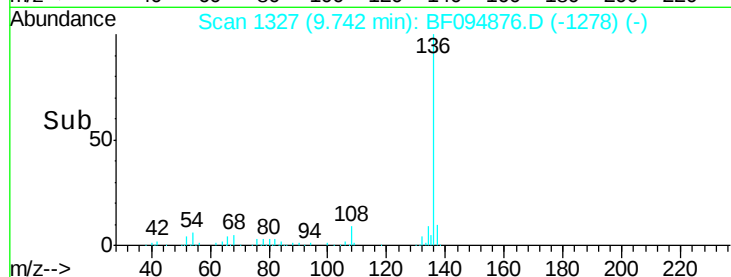


Abundance Ion 136.00 (135.70 to 136.70): E

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: 92.75 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094876.D

Acq: 4 May 2017 16:22

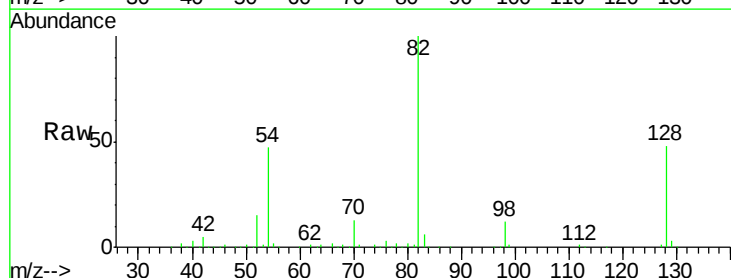
Tgt Ion: 82 Resp: 474640

Ion Ratio Lower Upper

82 100

128 47.6 34.0 51.0

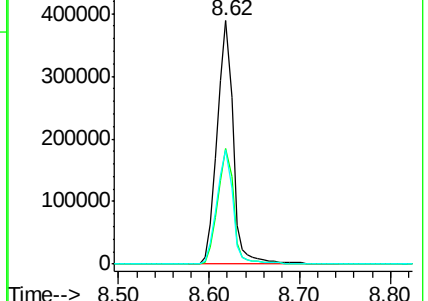
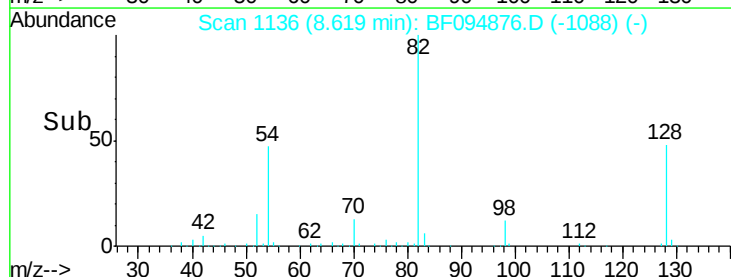
54 46.8 42.2 63.2

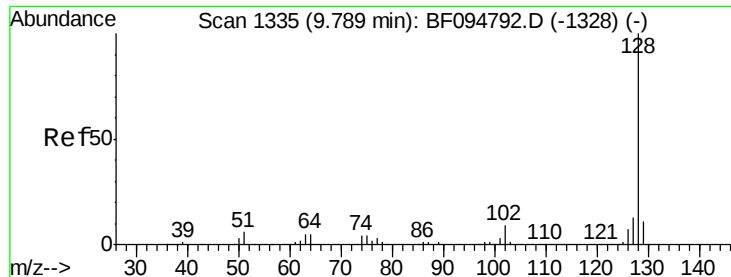


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

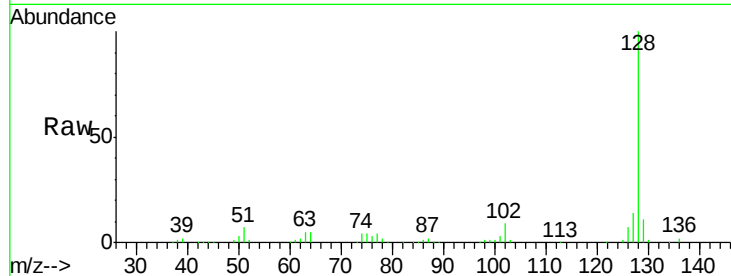




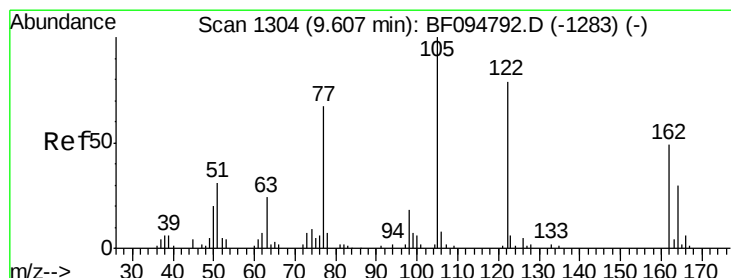
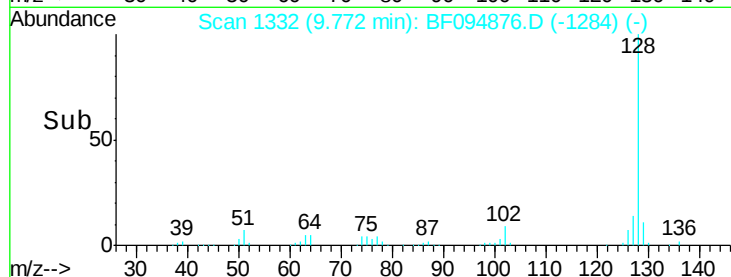
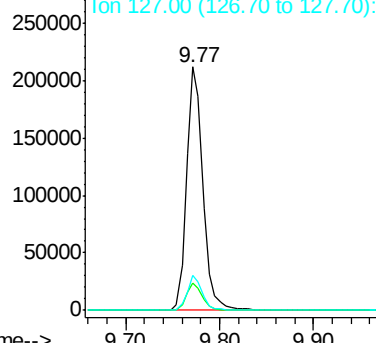
#31
Naphthalene
Concen: 16.03 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Instrument :
BNA_F
ClientSampleId :
TP2-COMP(1-10FT)

Tgt Ion:128 Resp: 260051
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 14.1 10.8 16.2

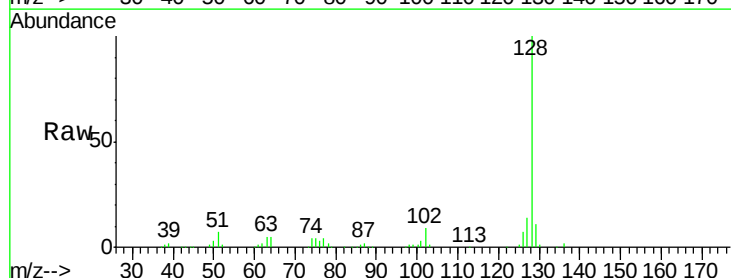


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

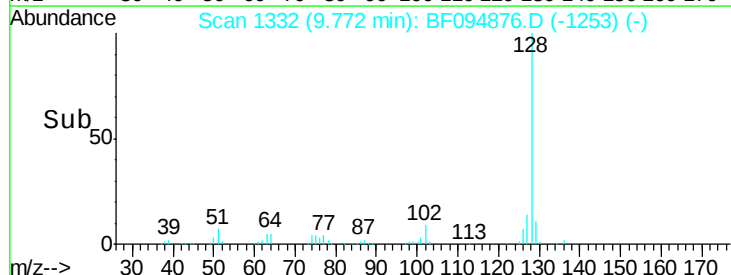
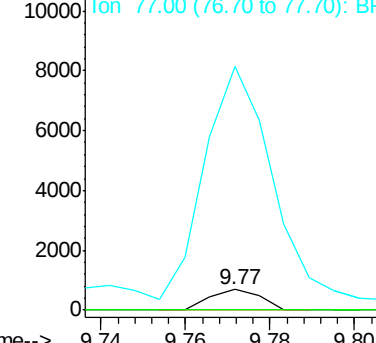


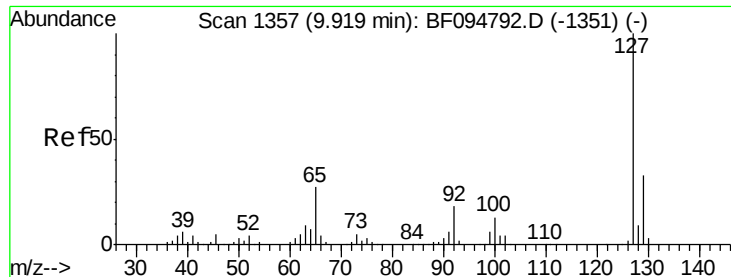
#32
Benzoic acid
Concen: 5.25 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.16 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Tgt Ion:122 Resp: 574
Ion Ratio Lower Upper
122 100
105 0.0 103.3 143.3#
77 1176.4 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

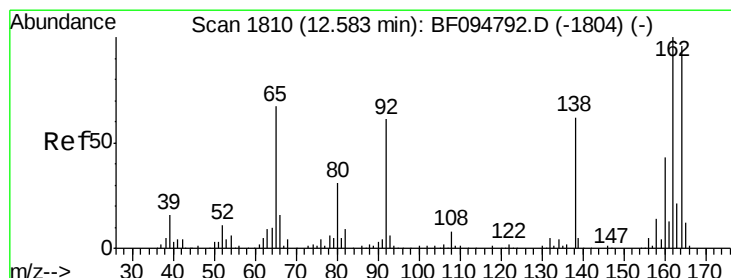
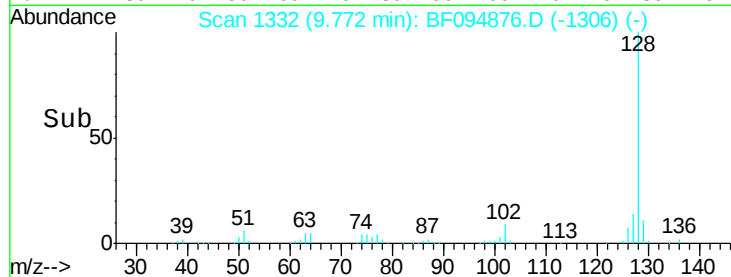
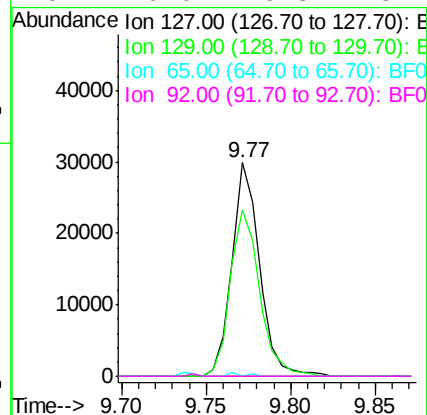
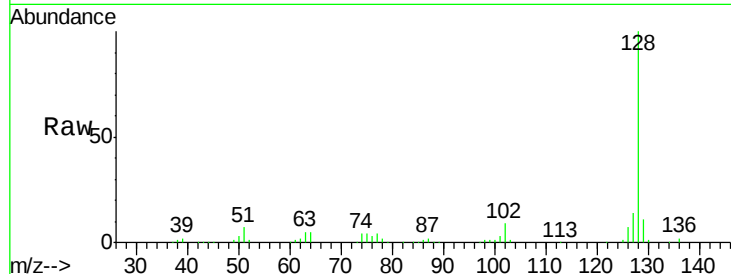




#33
4-Chloroaniline
Concen: 5.61 ng
RT: 9.77 min Scan# 1332
Delta R.T. -0.15 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

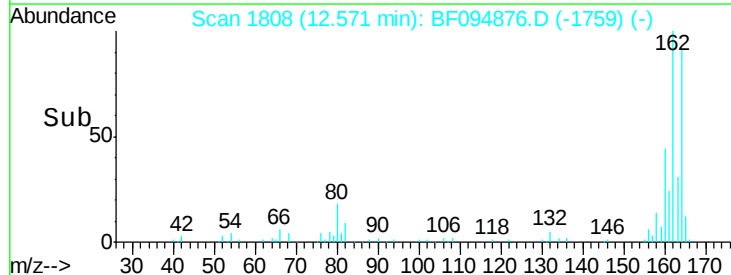
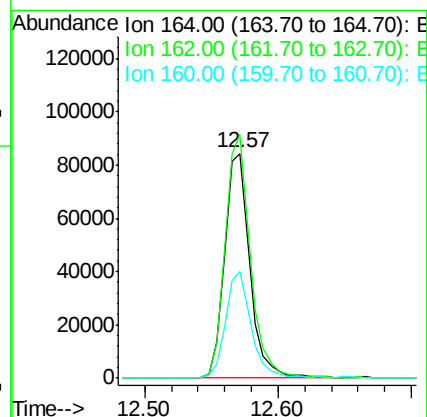
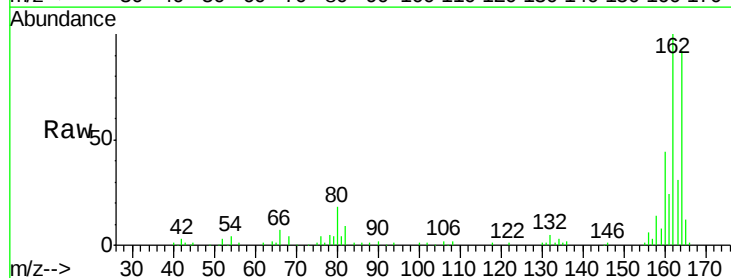
Instrument :
BNA_F
ClientSampleId :
TP2-COMP(1-10FT)

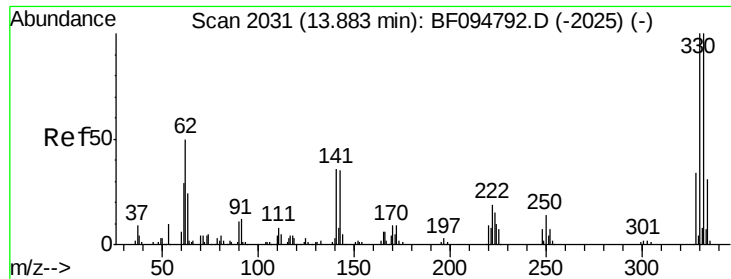
Tgt Ion:	127	Resp:	33919
Ion	Ratio	Lower	Upper
127	100		
129	77.7	26.2	39.2#
65	0.0	27.8	41.8#
92	0.0	16.8	25.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Tgt Ion:	164	Resp:	112835
Ion	Ratio	Lower	Upper
164	100		
162	108.4	82.6	123.8
160	47.4	36.2	54.2

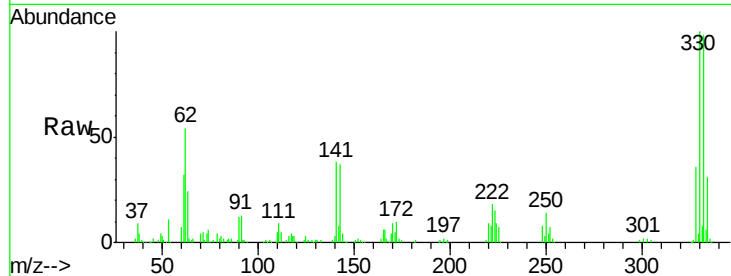




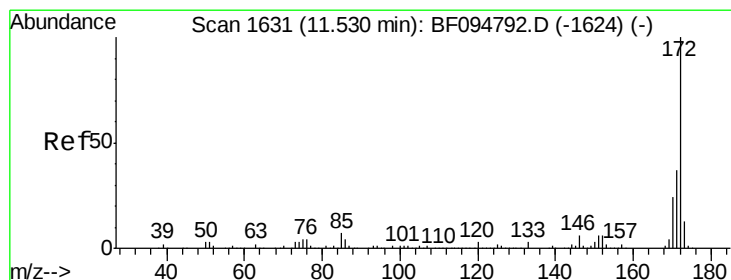
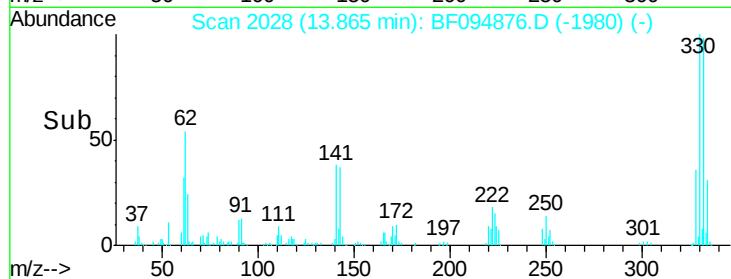
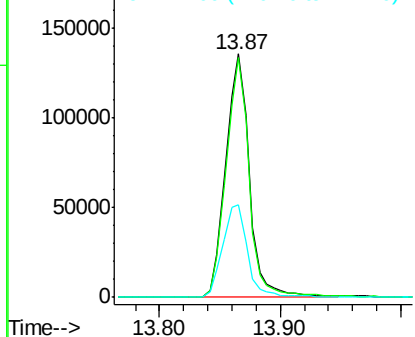
#41
 2,4,6-Tribromophenol
 Concen: 200.46 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

Tgt Ion:330 Resp: 185246
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 39.8 31.4 47.2

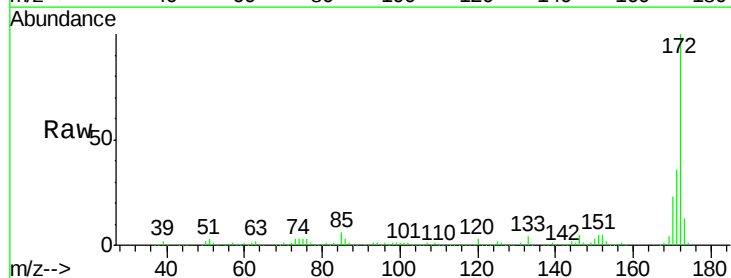


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

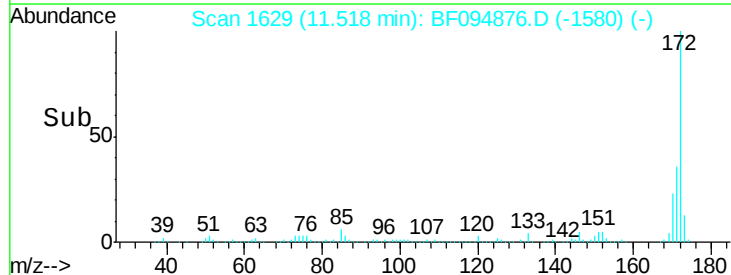
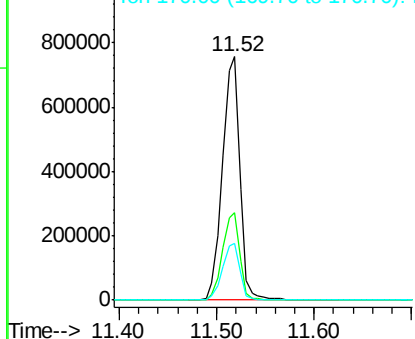


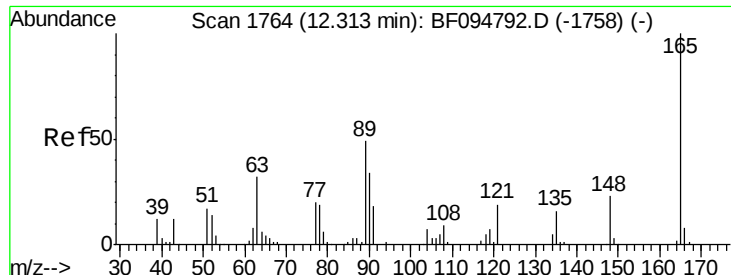
#44
 2-Fluorobiphenyl
 Concen: 119.79 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Tgt Ion:172 Resp: 939104
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.4 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

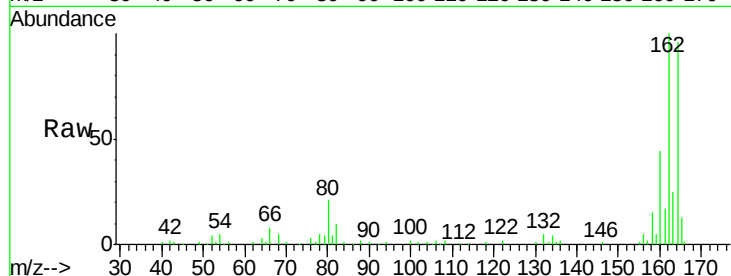




#50
 2,6-Dinitrotoluene
 Concen: 6.64 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. 0.25 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

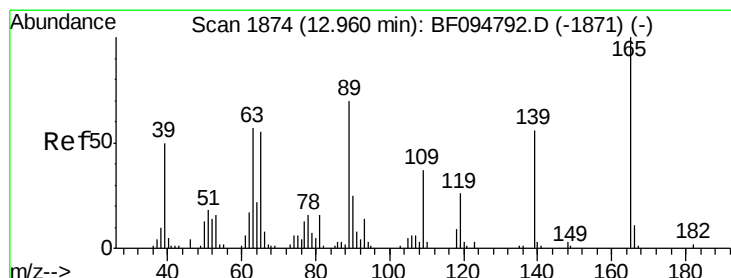
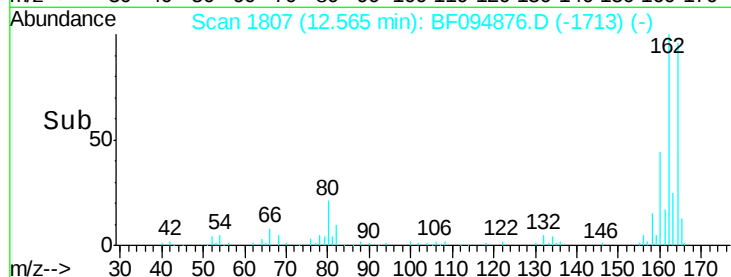
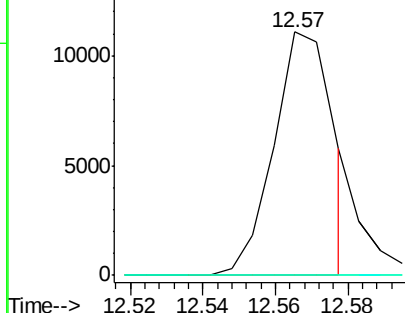
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	34.3	51.5#
89	0.0	37.1	55.7#



Abundance Ion 165.00 (164.70 to 165.70): E

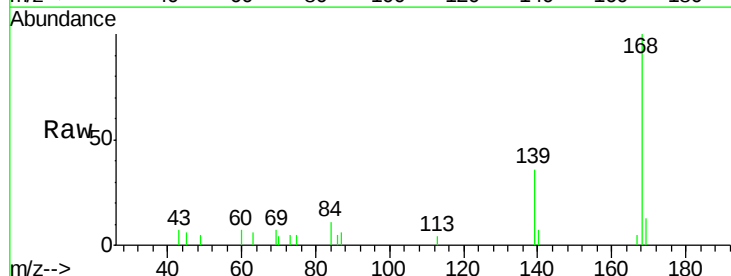
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#55
 4-Nitrophenol
 Concen: 2.78 ng
 RT: 12.92 min Scan# 1867
 Delta R.T. -0.04 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

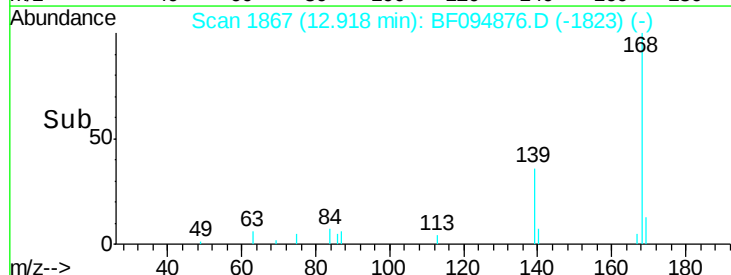
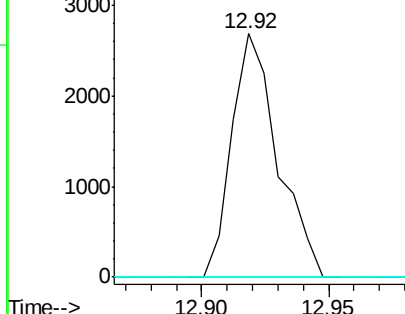
Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#

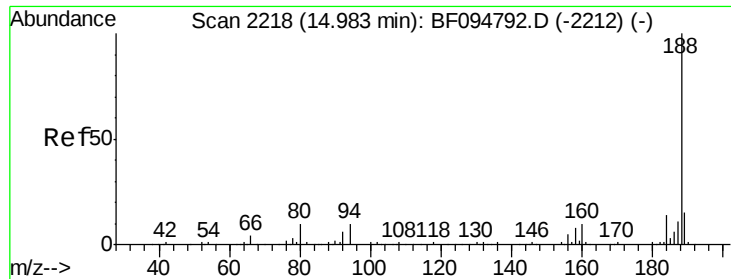


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

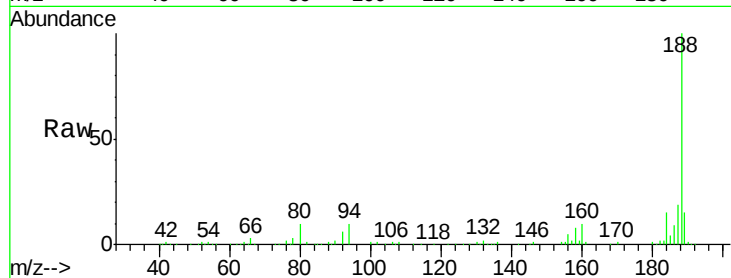




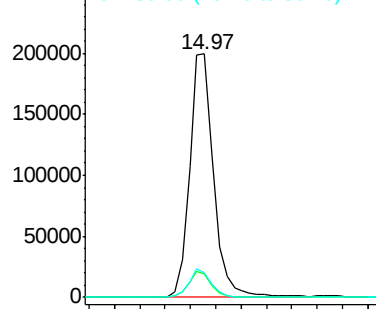
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

Instrument :
BNA_F
ClientSampleId :
TP2-COMP(1-10FT)

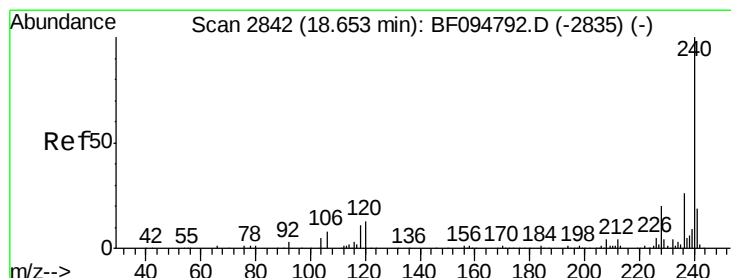
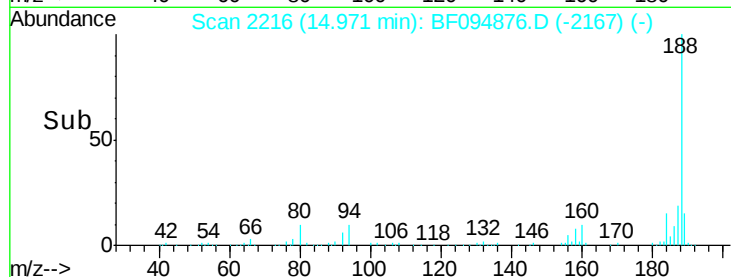
Tgt Ion:188 Resp: 262676
Ion Ratio Lower Upper
188 100
94 9.9 9.4 14.2
80 10.4 10.2 15.2



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

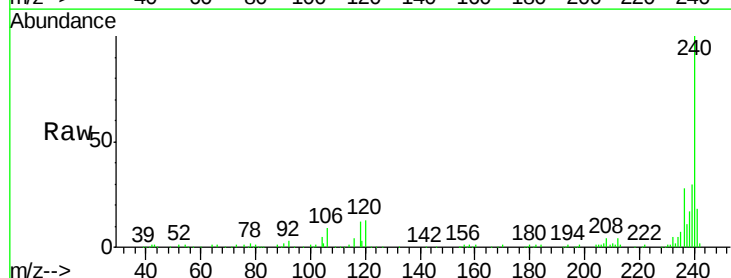


Time-->

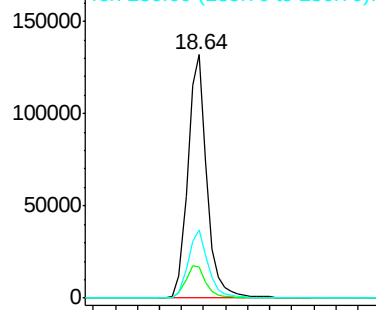


#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094876.D
Acq: 4 May 2017 16:22

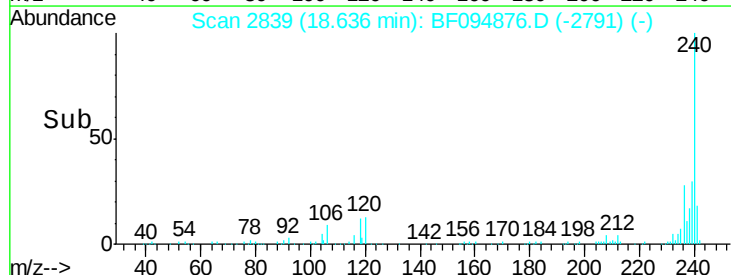
Tgt Ion:240 Resp: 157157
Ion Ratio Lower Upper
240 100
120 13.0 5.8 8.8#
236 28.0 20.5 30.7

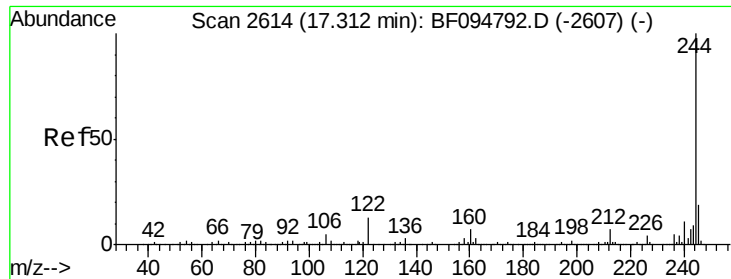


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->

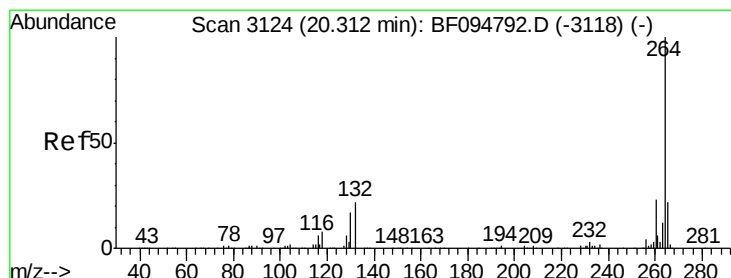
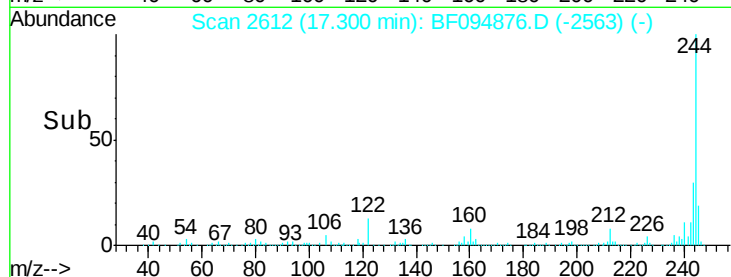
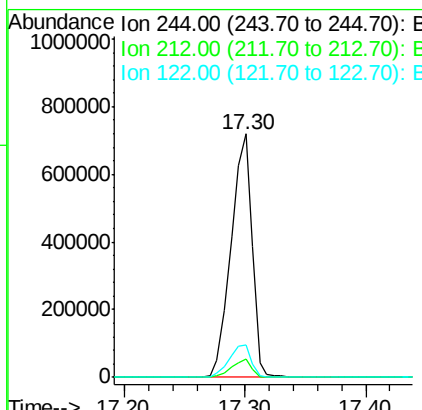
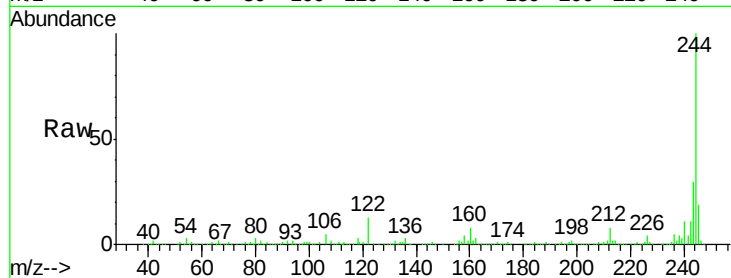




#78
 Terphenyl-d14
 Concen: 122.83 ng
 RT: 17.30 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :
 TP2-COMP(1-10FT)

Tgt Ion: 244 Resp: 876447
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.5 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094876.D
 Acq: 4 May 2017 16:22

Tgt Ion: 264 Resp: 15204
 Ion Ratio Lower Upper
 264 100
 260 42.8 19.5 29.3#
 265 20.4 17.2 25.8

