

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094890.D
 Acq On : 4 May 2017 23:51
 Operator : SJ/MA
 Sample : I2930-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 01:26:32 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

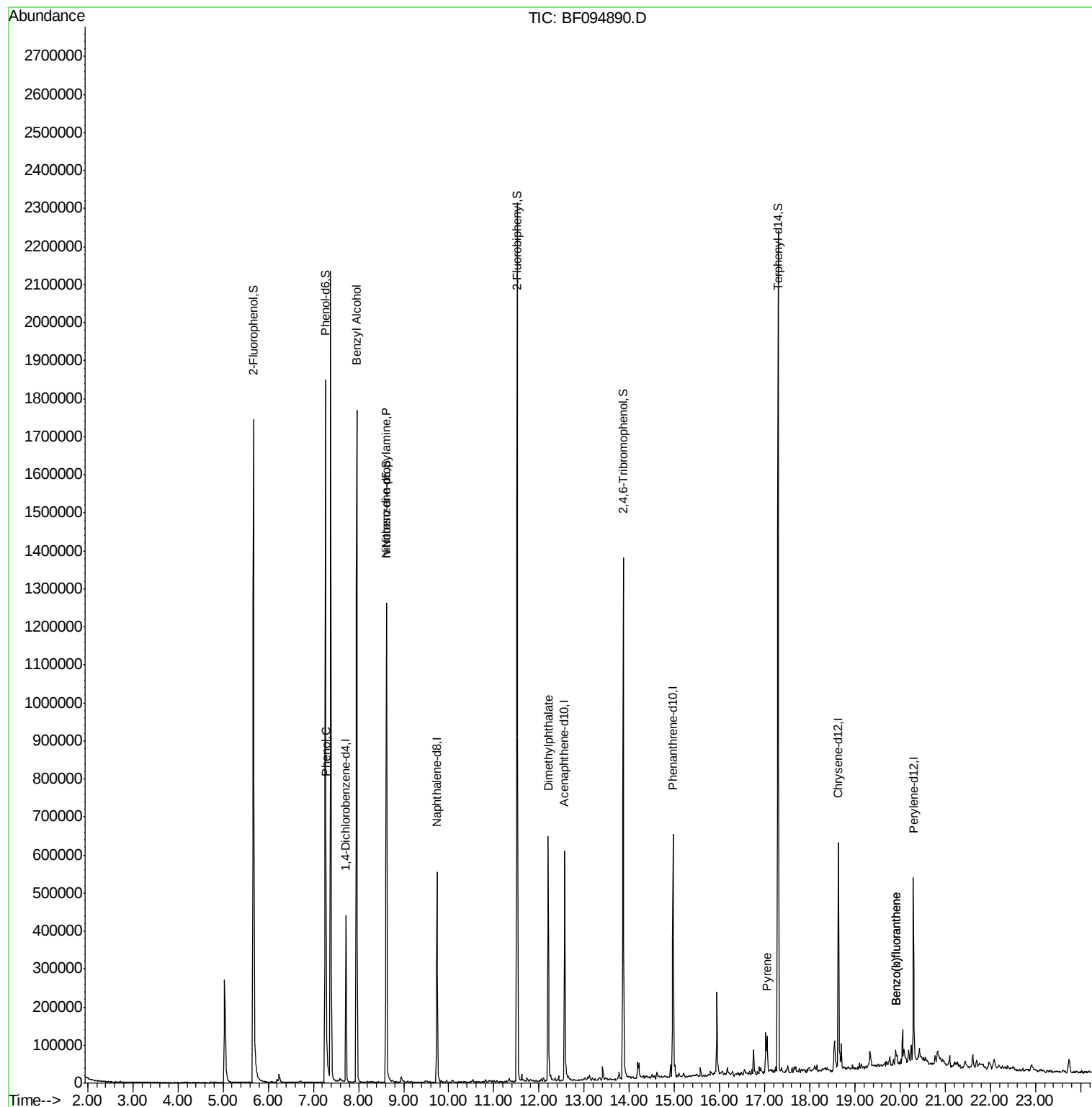
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	91663	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	366559	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	175542	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	322370	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	251868	20.00	ng	-0.02
86) Perylene-d12	20.29	264	203436	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	812946	147.86	ng	0.00
7) Phenol-d6	7.27	99	1034488	156.82	ng	0.00
23) Nitrobenzene-d5	8.62	82	607690	104.54	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	223276	155.31	ng	-0.02
44) 2-Fluorobiphenyl	11.52	172	996615	81.72	ng	-0.01
78) Terphenyl-d14	17.30	244	889719	77.81	ng	-0.01
Target Compounds						
10) Phenol	7.28	94	23499	3.38	ng	Qvalue 95
15) Benzyl Alcohol	7.96	79	8680	2.05	ng	# 41
19) n-Nitroso-di-n-propylamine	8.62	70	79373	17.79	ng	# 75
49) Dimethylphthalate	12.20	163	389509	27.03	ng	100
77) Pyrene	17.05	202	39511	2.10	ng	96
87) Benzo(b)fluoranthene	19.90	252	26776	2.13	ng	# 92
88) Benzo(k)fluoranthene	19.90	252	26776	2.21	ng	96

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

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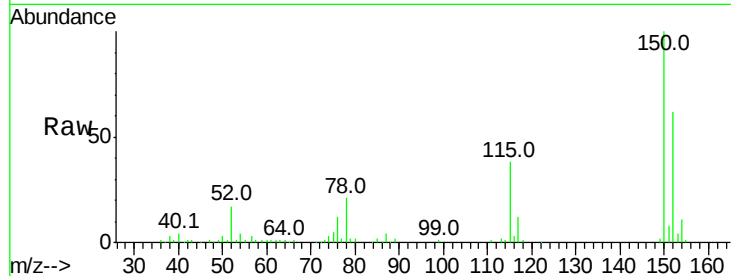


#1

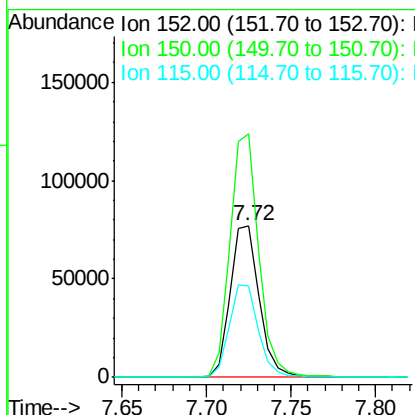
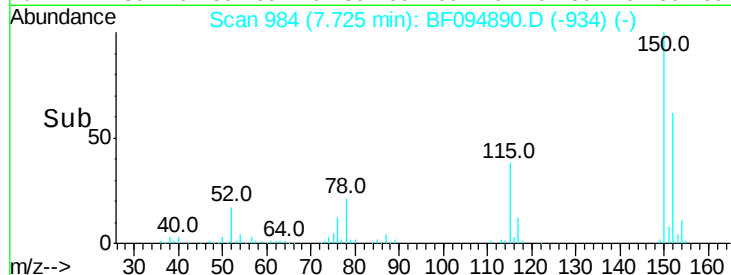
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.72 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 91663
 Ion Ratio Lower Upper
 152 100
 150 160.5 126.2 189.2
 115 60.3 52.2 78.2



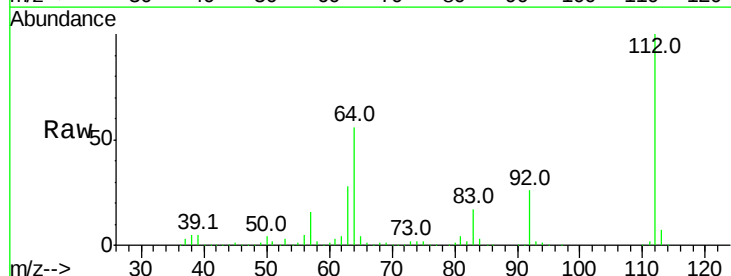
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



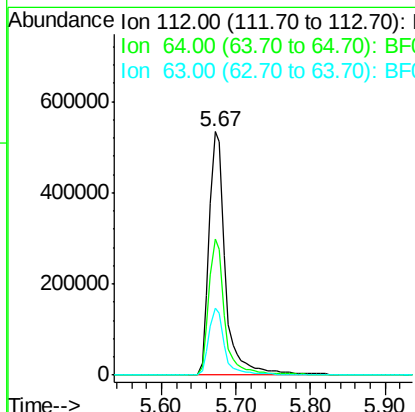
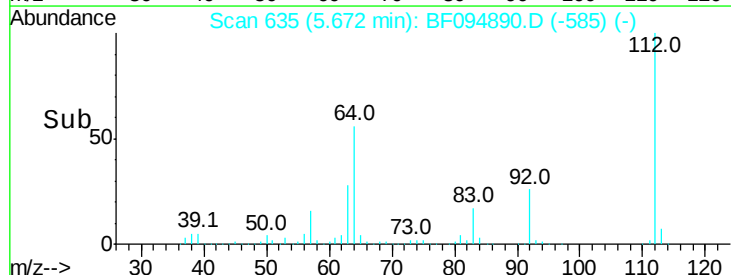
#5

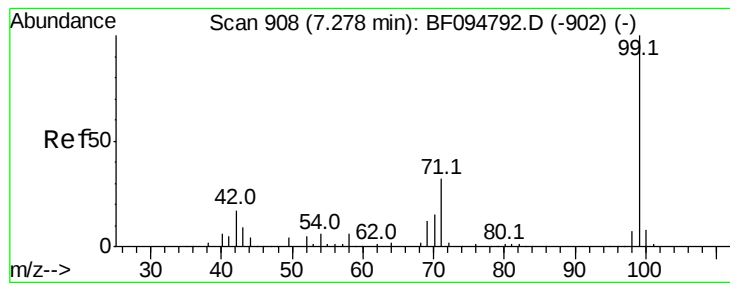
2-Fluorophenol
 Concen: 147.86 ng
 RT: 5.67 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF094890.D
 Acq: 4 May 2017 23:51

Tgt Ion:112 Resp: 812946
 Ion Ratio Lower Upper
 112 100
 64 56.1 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: 156.82 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampled :

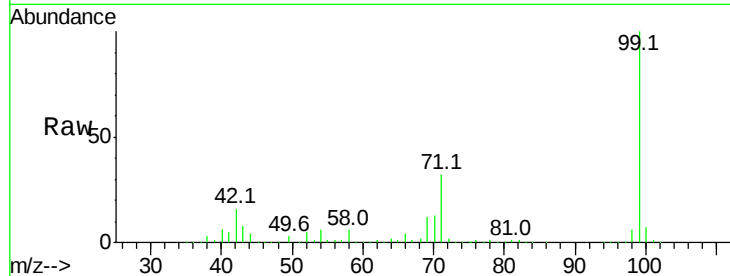
Tot Ion: 99 Resp: 1034488

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

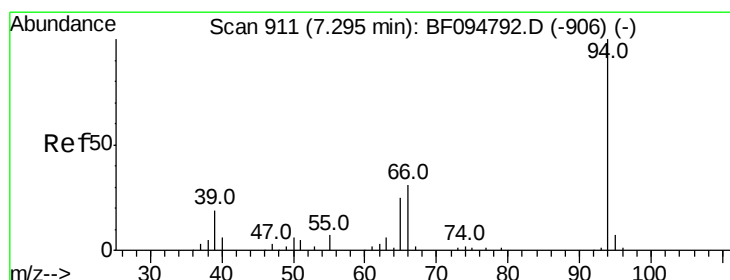
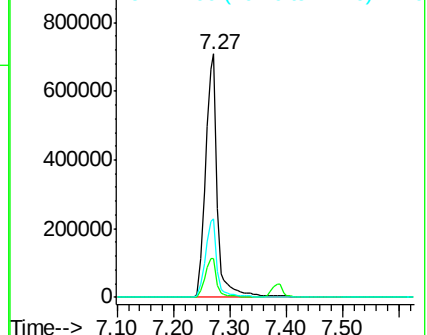
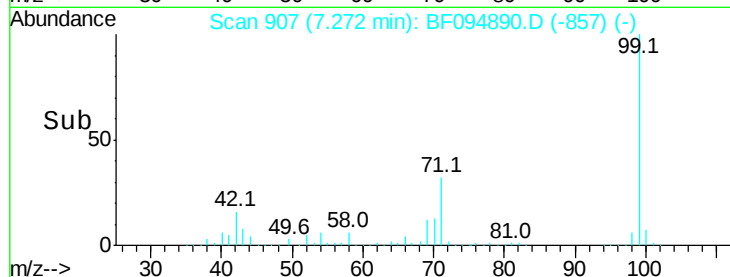
71 32.3 24.5 36.7



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



#10

Phenol

Concen: 3.38 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

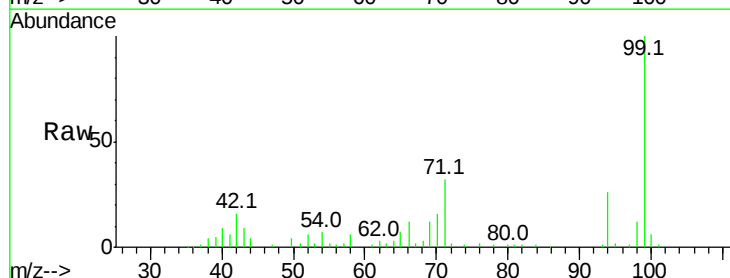
Tgt Ion: 94 Resp: 23499

Ion Ratio Lower Upper

94 100

65 28.9 9.9 49.9

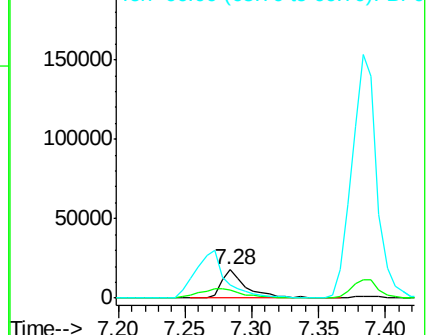
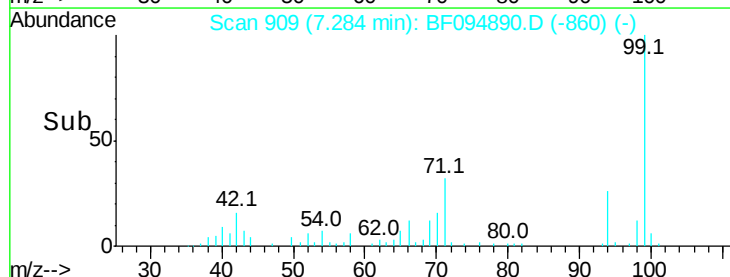
66 47.9 23.1 63.1

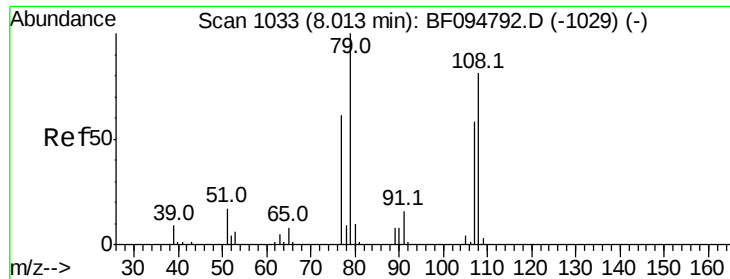


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 7.96 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampled :

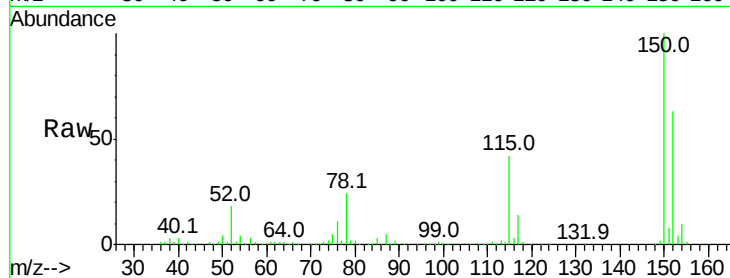
Tot Ion: 79 Resp: 8680

Ion Ratio Lower Upper

79 100

108 33.0 63.4 95.0#

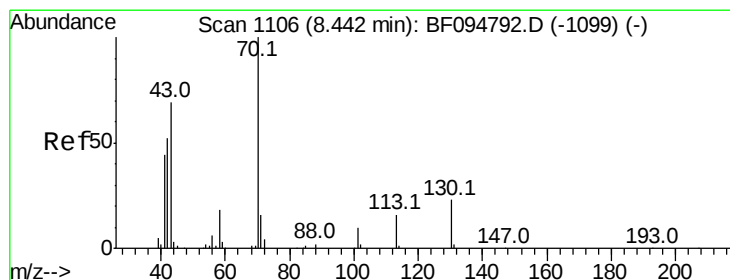
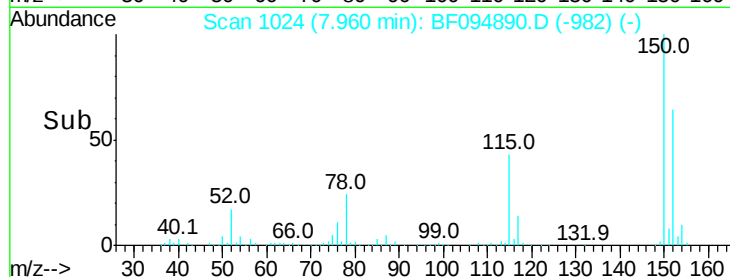
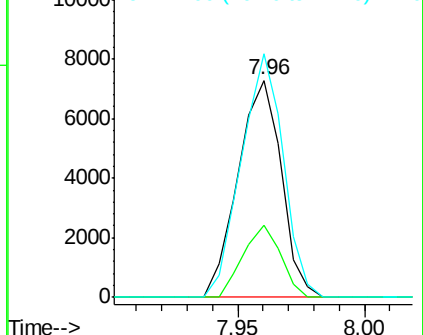
77 112.0 49.2 73.8#



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: 17.79 ng

RT: 8.62 min Scan# 1136

Delta R.T. 0.18 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Tgt Ion: 70 Resp: 79373

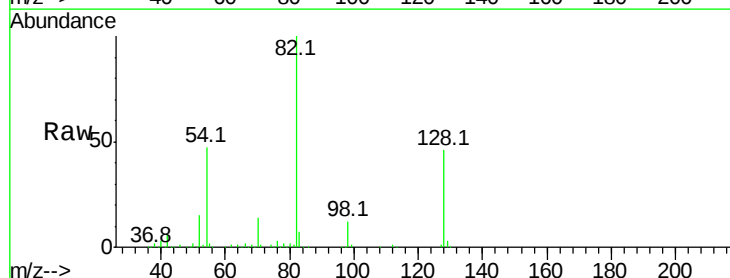
Ion Ratio Lower Upper

70 100

42 42.9 47.2 70.8#

101 0.0 7.2 10.8#

130 3.2 15.9 23.9#

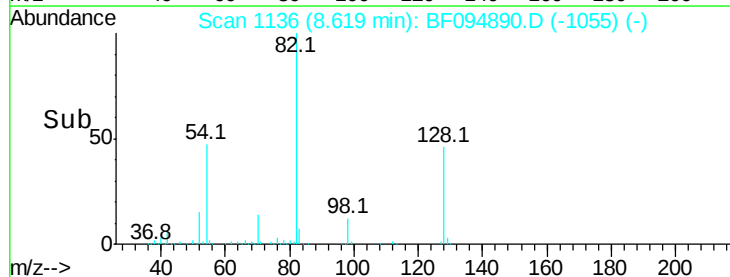
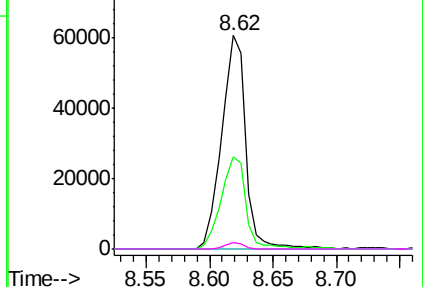


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 366559

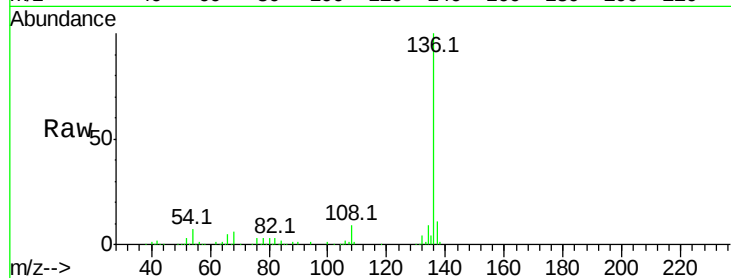
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.2 4.9 7.3

68 5.7 4.1 6.1

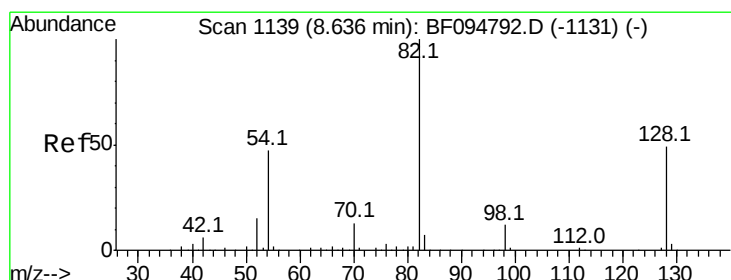
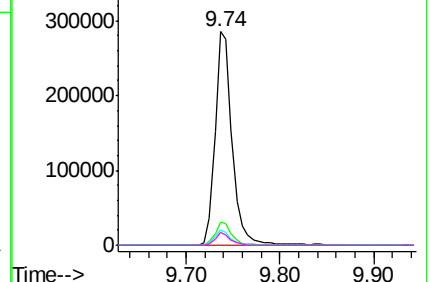
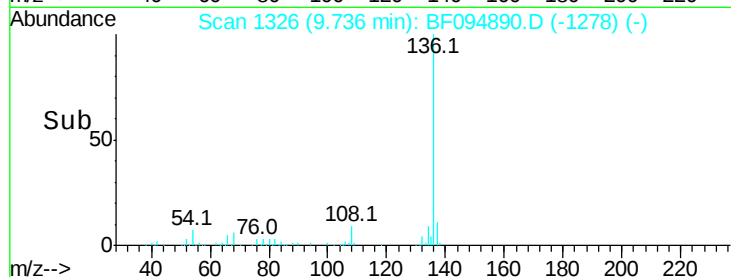


Abundance Ion 136.00 (135.70 to 136.70): E

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: 104.54 ng

RT: 8.62 min Scan# 1136

Delta R.T. -0.02 min

Lab File: BF094890.D

Acq: 4 May 2017 23:51

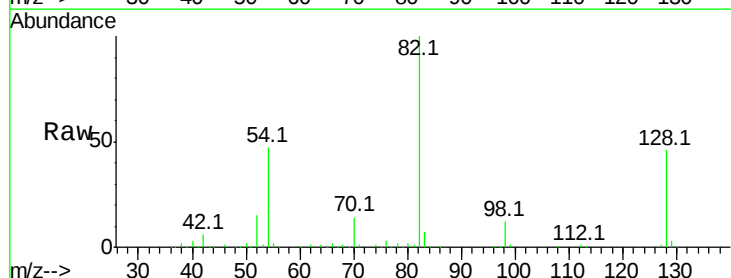
Tgt Ion: 82 Resp: 607690

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

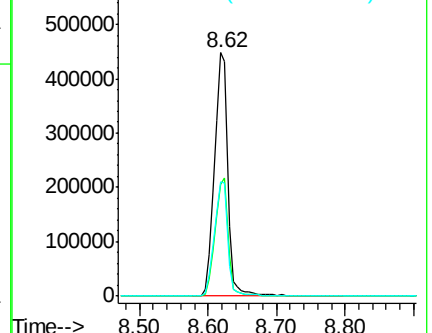
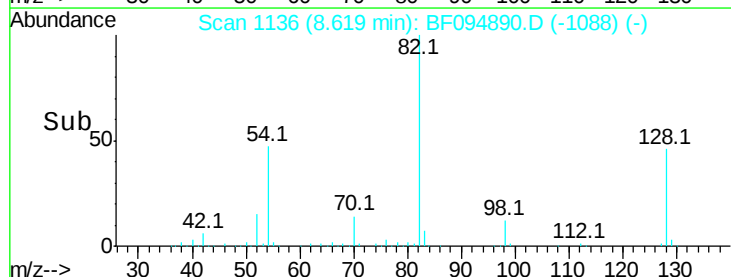
54 47.0 42.2 63.2

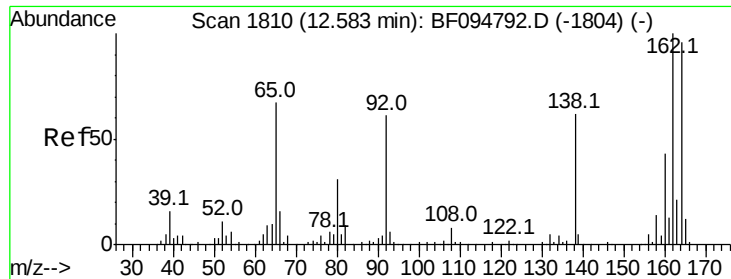


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

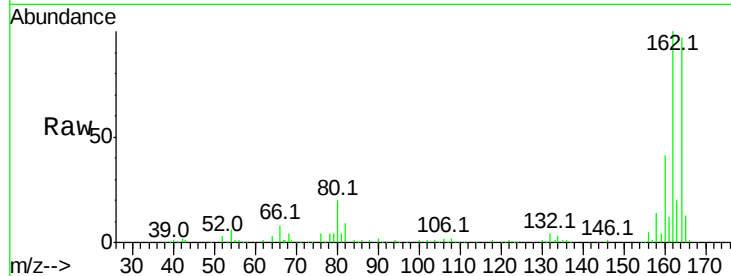




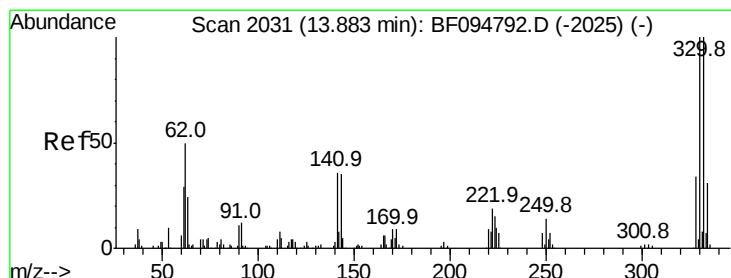
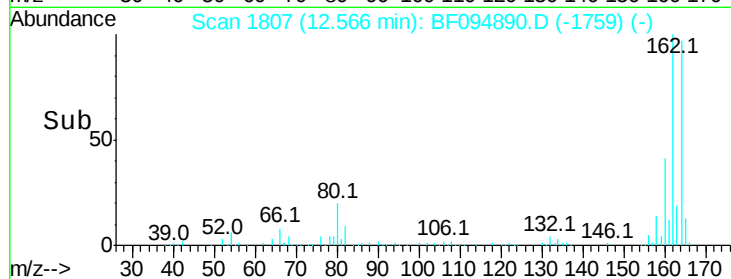
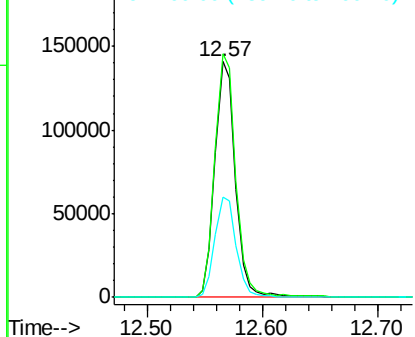
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 175542
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 42.4 36.2 54.2

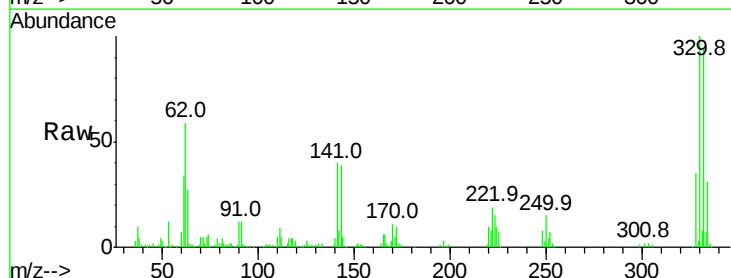


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

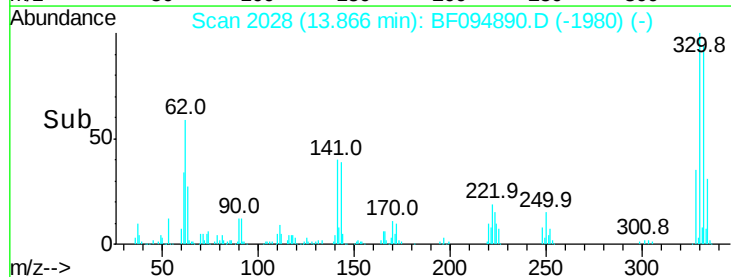
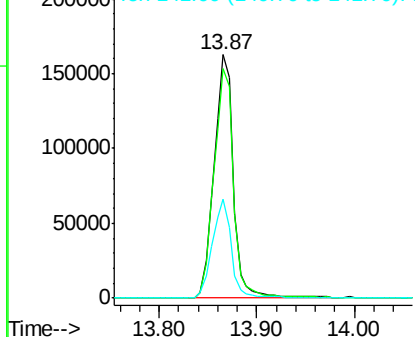


#41
2,4,6-Tribromophenol
Concen: 155.31 ng
RT: 13.87 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:330 Resp: 223276
Ion Ratio Lower Upper
330 100
332 96.0 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

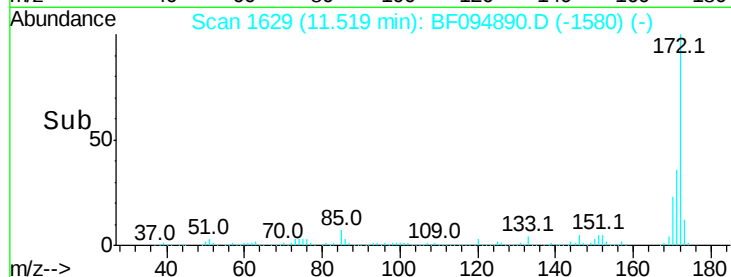
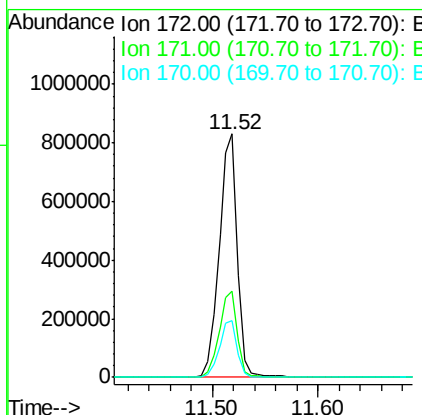
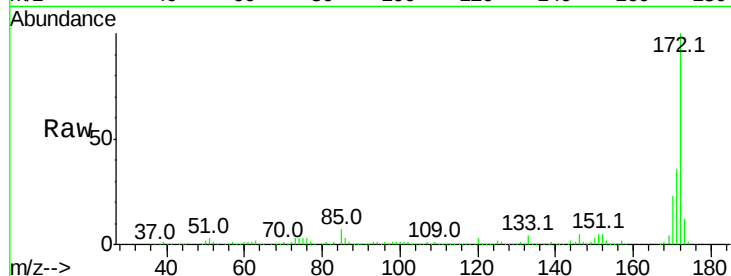




#44
2-Fluorobiphenyl
Concen: 81.72 ng
RT: 11.52 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

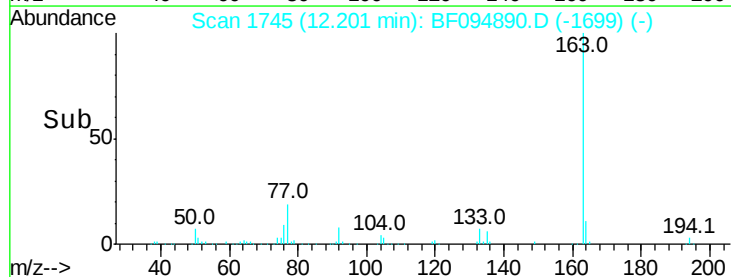
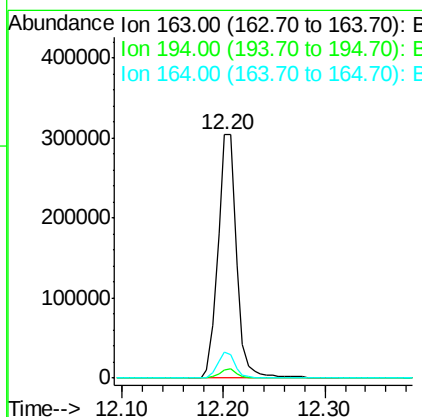
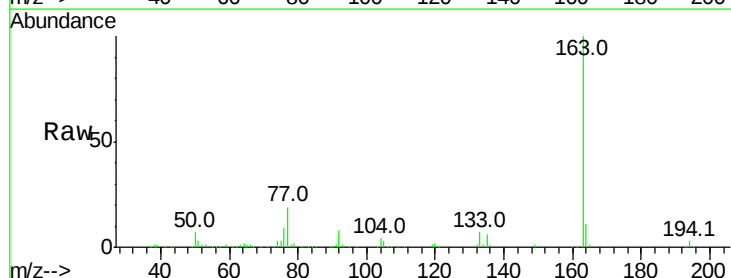
Instrument :
BNA_F
ClientSampleId :

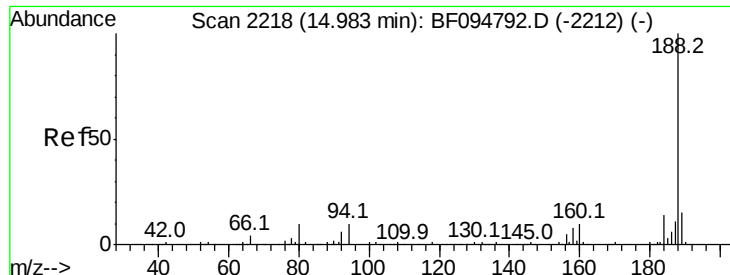
Tot Ion:172 Resp: 996615
Ion Ratio Lower Upper
172 100
171 35.5 29.6 44.4
170 23.4 19.8 29.8



#49
Dimethylphthalate
Concen: 27.03 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:163 Resp: 389509
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.6 8.4 12.6

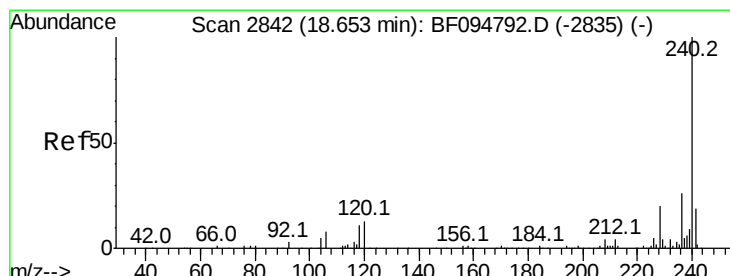
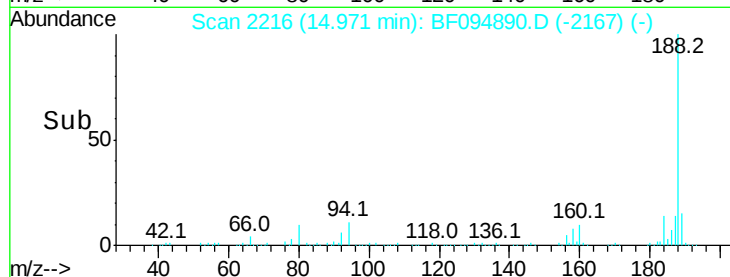
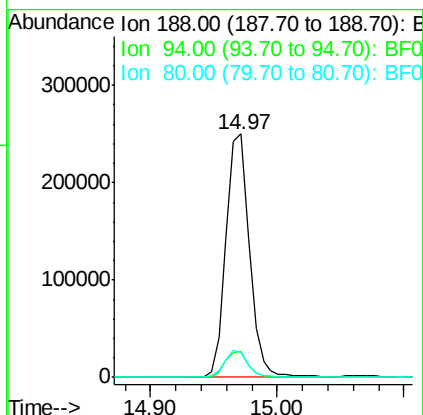
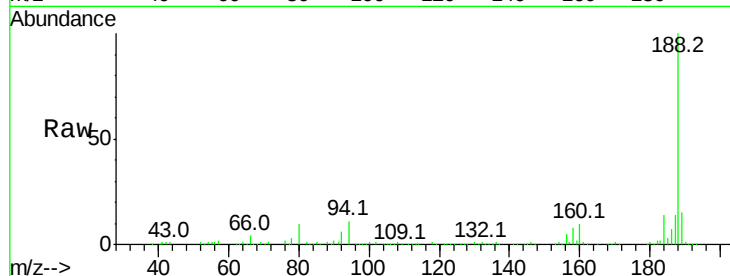




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

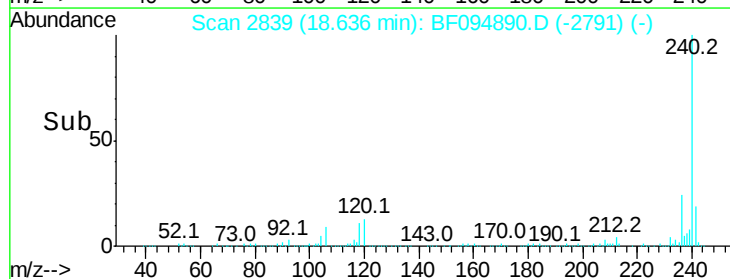
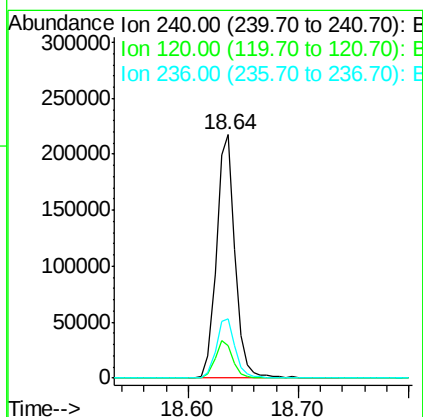
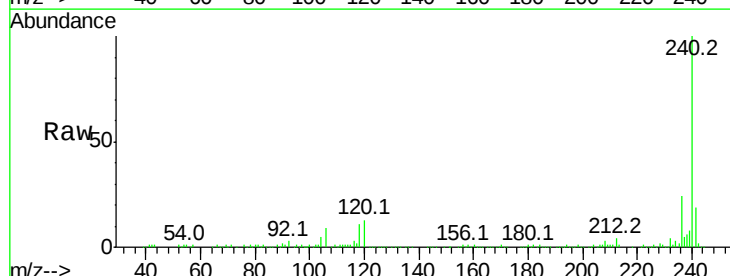
Instrument :
BNA_F
ClientSampleId :

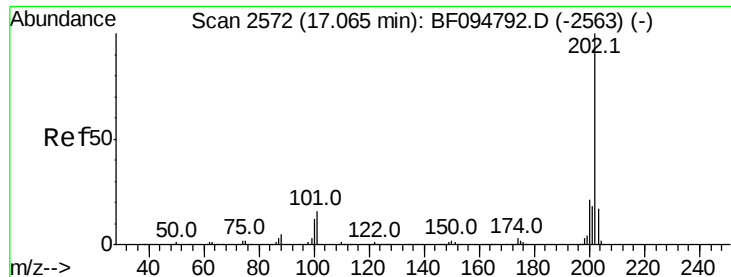
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.6	9.4	14.2
80	10.3	10.2	15.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.4	5.8	8.8#
236	24.2	20.5	30.7

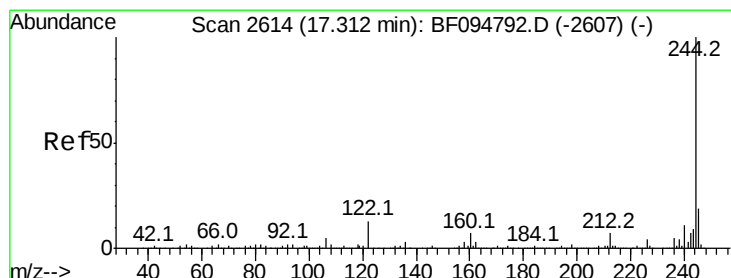
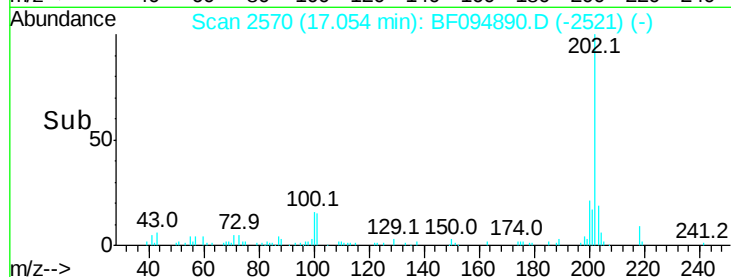
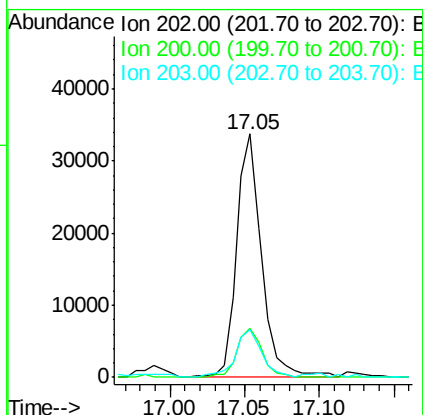
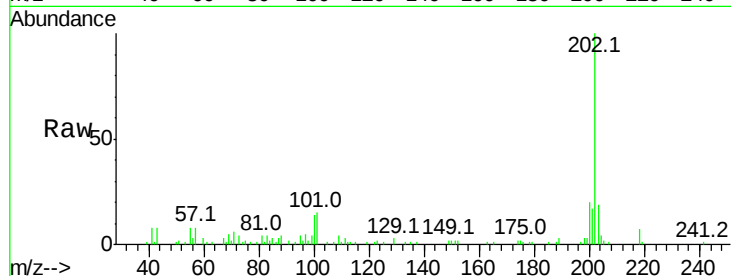




#77
Pvrene
Concen: 2.10 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

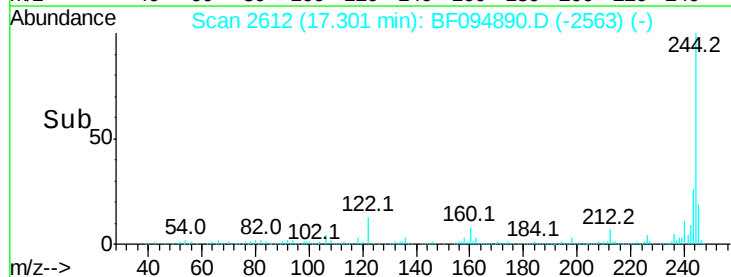
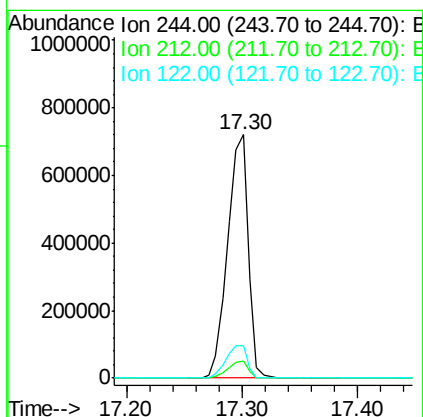
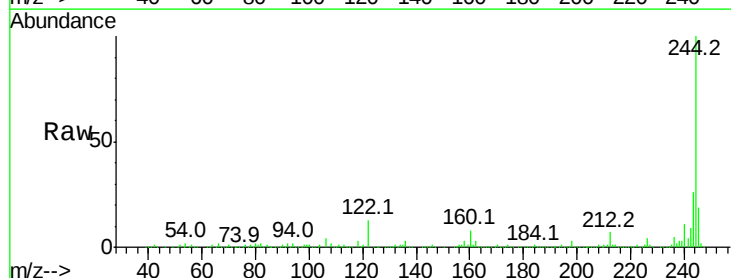
Instrument :
BNA_F
ClientSampleId :

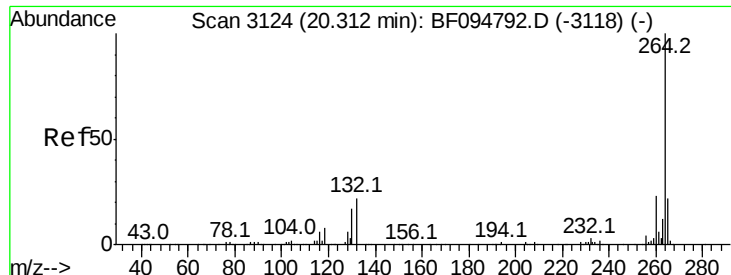
Tot Ion:202 Resp: 39511
Ion Ratio Lower Upper
202 100
200 20.2 17.6 26.4
203 19.4 14.4 21.6



#78
Terphenyl-d14
Concen: 77.81 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:244 Resp: 889719
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 13.3 10.3 15.5

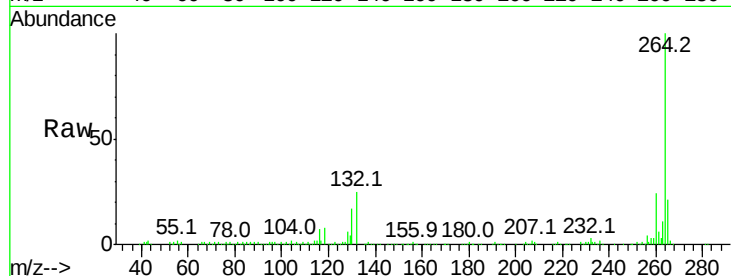




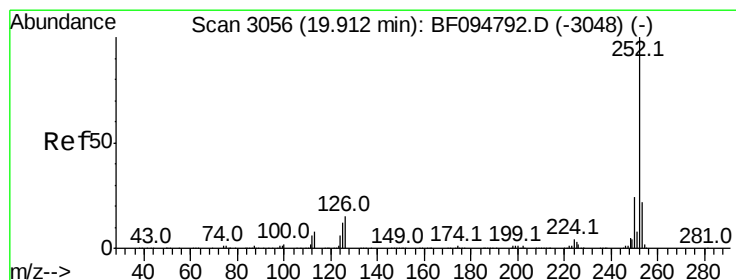
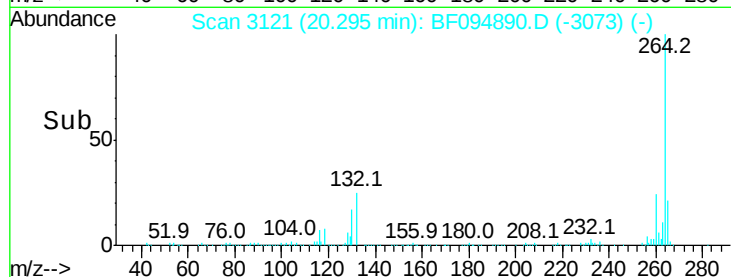
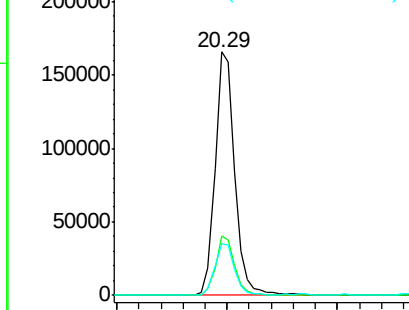
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 203436
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.2 17.2 25.8

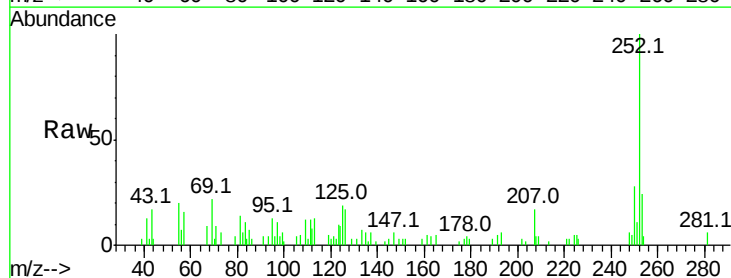


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

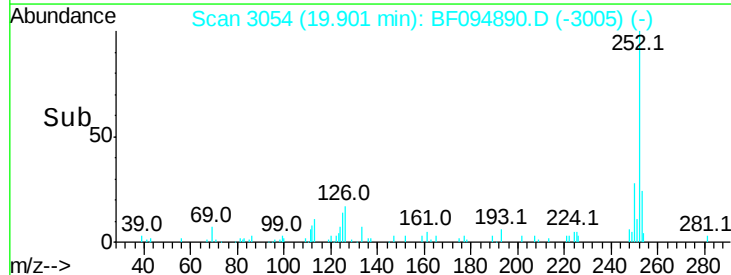
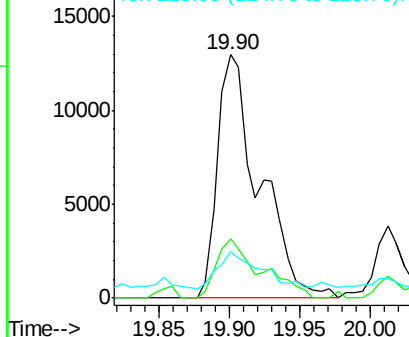


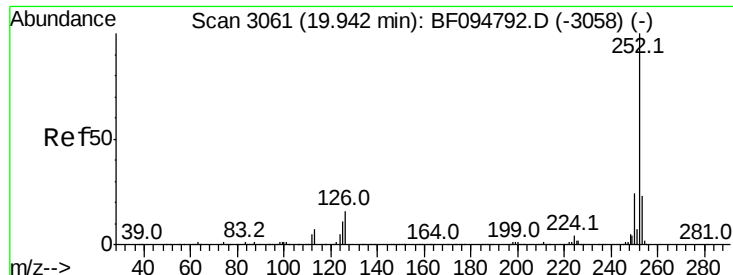
#87
Benzo(b)fluoranthene
Concen: 2.13 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094890.D
Acq: 4 May 2017 23:51

Tgt Ion:252 Resp: 26776
Ion Ratio Lower Upper
252 100
253 24.2 18.1 27.1
125 18.9 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.21 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.04 min

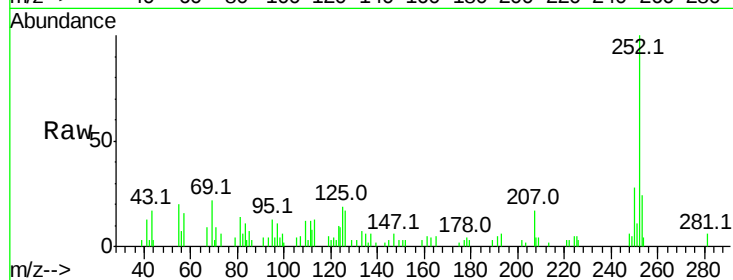
Lab File: BF094890.D

Acq: 4 May 2017 23:51

Instrument :

BNA_F

ClientSampleId :



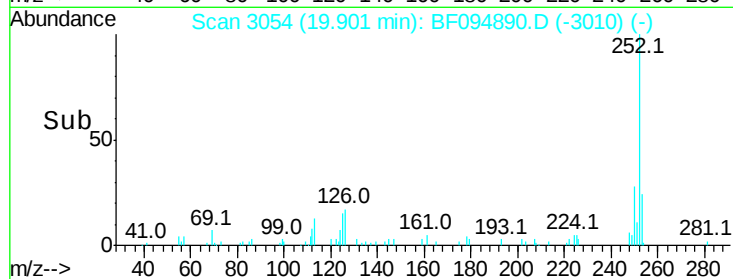
Tot Ion:252 Resp: 26776

Ion Ratio Lower Upper

252 100

253 24.2 18.4 27.6

125 18.9 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

