

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050417\
 Data File : BF094891.D
 Acq On : 5 May 2017 00:23
 Operator : SJ/MA
 Sample : I2916-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 03:50:07 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

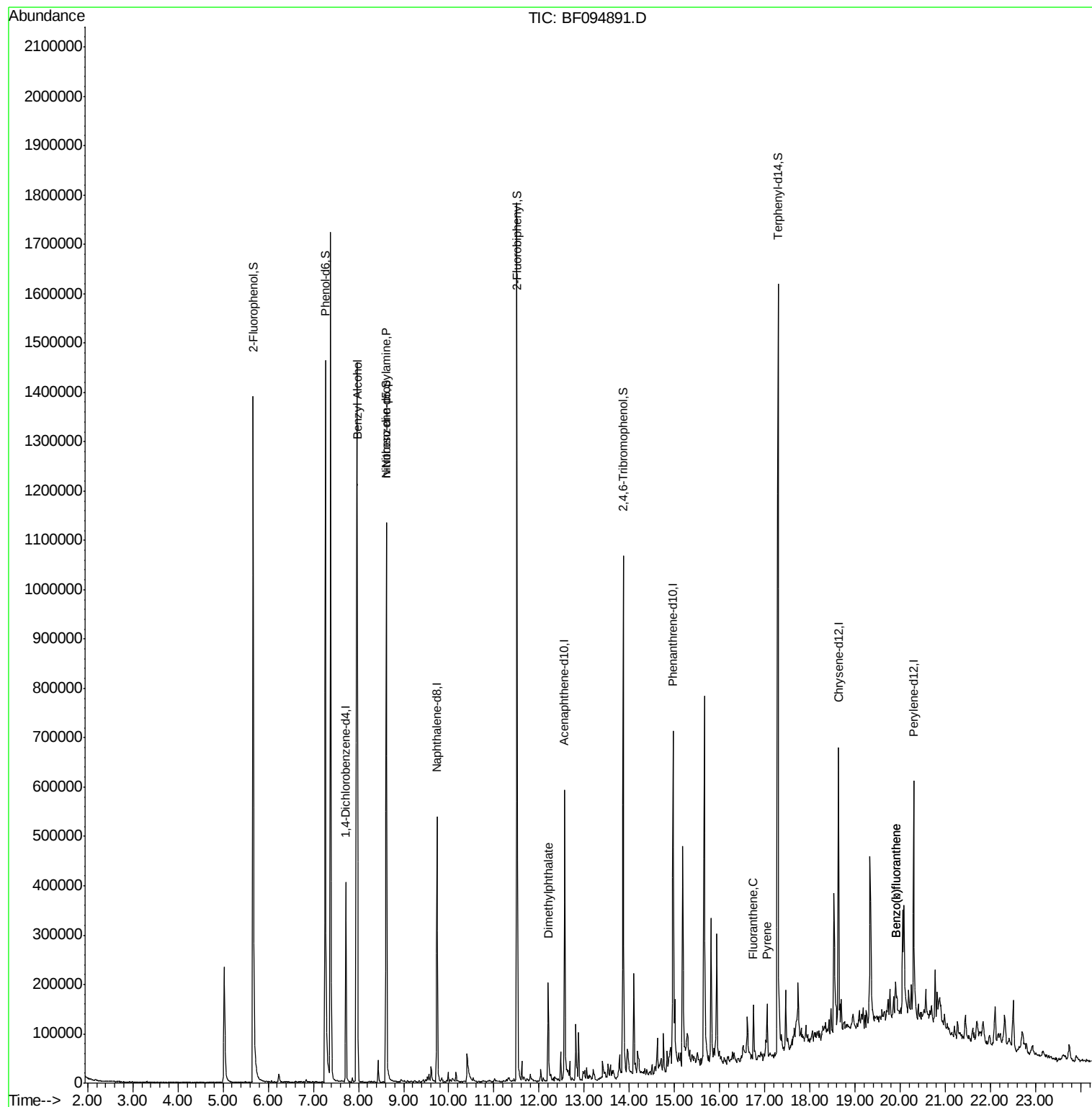
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82265	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	349570	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	169642	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	306305	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	224498	20.00	ng	-0.02
86) Perylene-d12	20.30	264	195005	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	635974	128.89	ng	-0.01
7) Phenol-d6	7.27	99	790222	133.47	ng	-0.01
23) Nitrobenzene-d5	8.62	82	474032	85.51	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	163203	117.47	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	732691	62.17	ng	-0.02
78) Terphenyl-d14	17.29	244	507140	49.76	ng	-0.02
Target Compounds						Qvalue
15) Benzyl Alcohol	7.97	79	19146	5.03	ng	# 1
19) n-Nitroso-di-n-propylamine	8.62	70	61336	15.32	ng	# 77
49) Dimethylphthalate	12.20	163	117984	8.47	ng	99
74) Fluoranthene	16.75	202	54099	3.00	ng	99
77) Pyrene	17.05	202	47395	2.82	ng	94
87) Benzo(b)fluoranthene	19.90	252	39299	3.26	ng	# 88
88) Benzo(k)fluoranthene	19.90	252	39299	3.38	ng	# 91

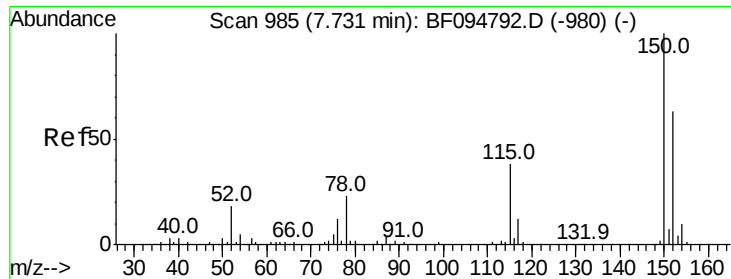
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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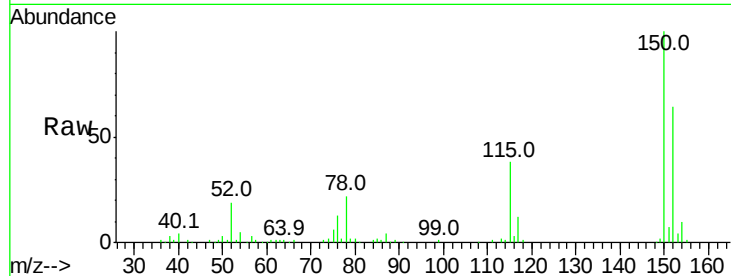


#1

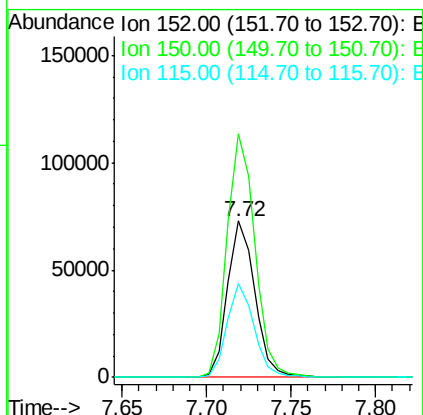
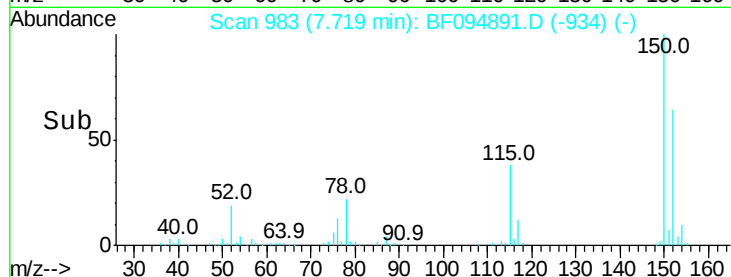
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 82265
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.9 52.2 78.2



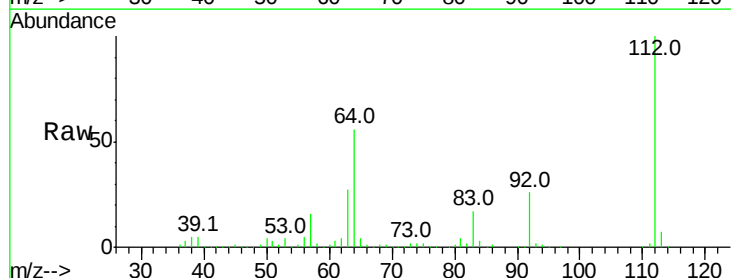
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



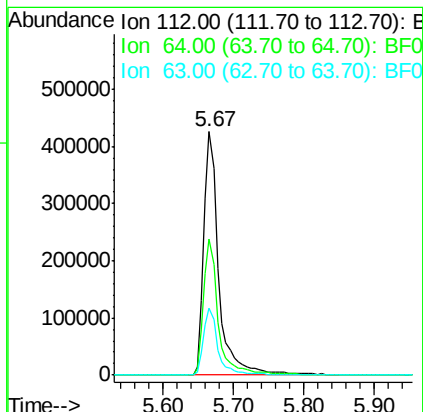
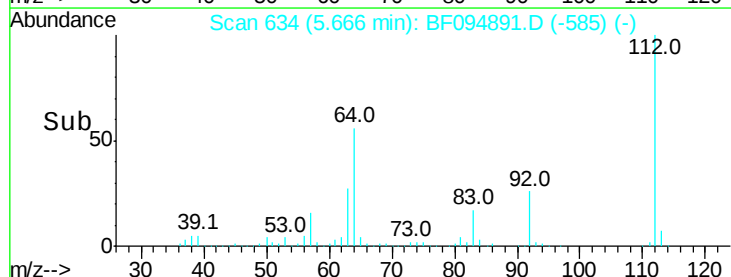
#5

2-Fluorophenol
Concen: 128.89 ng
RT: 5.67 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion:112 Resp: 635974
Ion Ratio Lower Upper
112 100
64 55.7 46.0 69.0
63 27.3 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: 133.47 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

Instrument :

BNA_F

ClientSampleId :

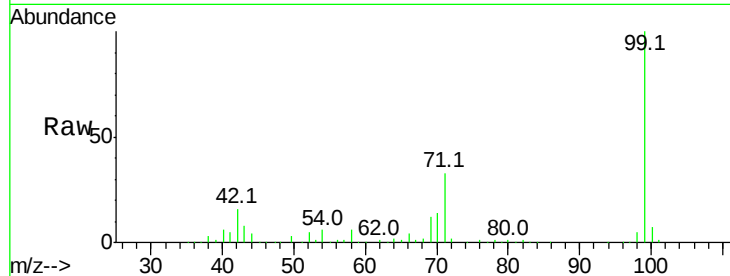
Tot Ion: 99 Resp: 790222

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

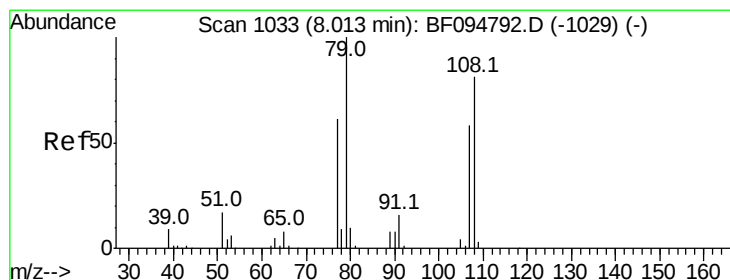
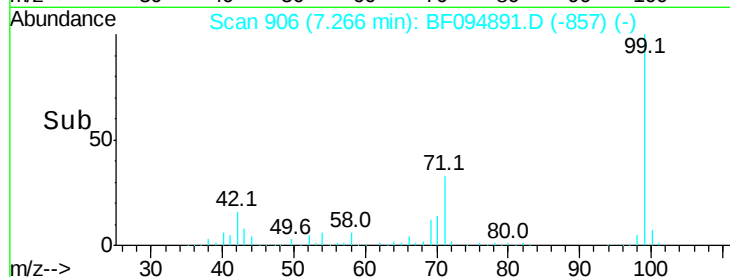
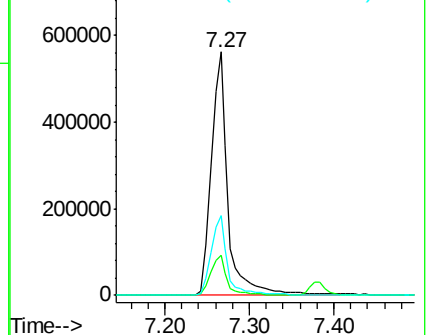
71 32.7 24.5 36.7



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: 5.03 ng

RT: 7.97 min Scan# 1026

Delta R.T. -0.04 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

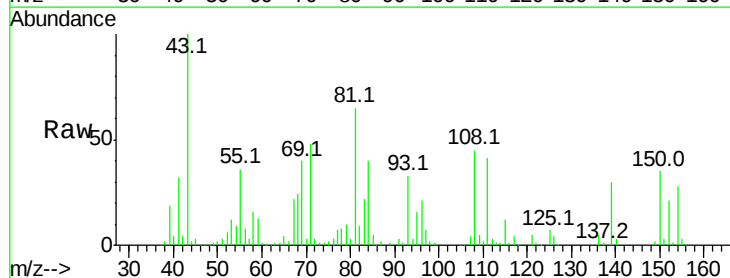
Tgt Ion: 79 Resp: 19146

Ion Ratio Lower Upper

79 100

108 460.6 63.4 95.0#

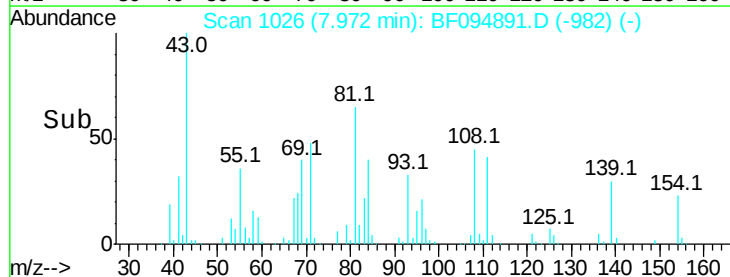
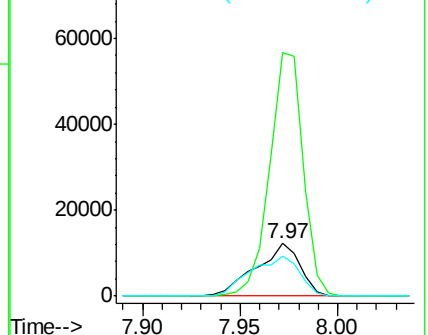
77 75.2 49.2 73.8#

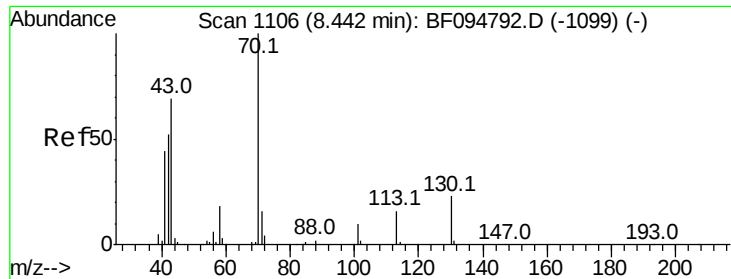


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

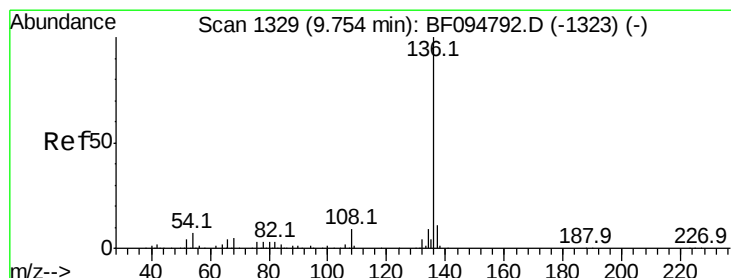
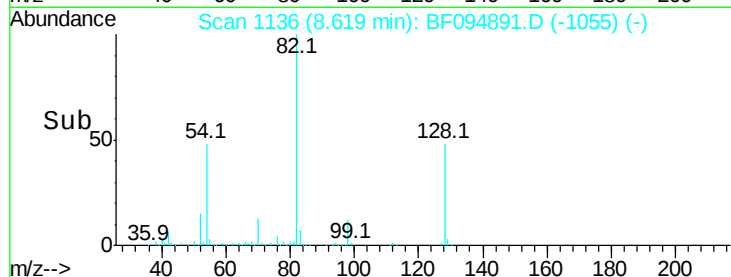
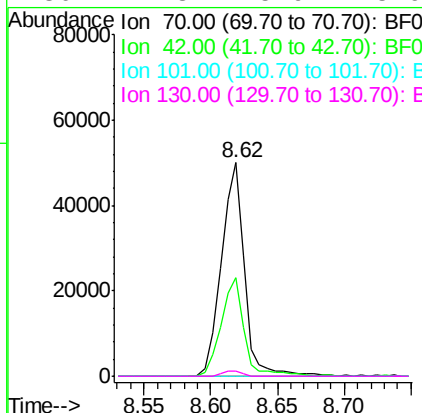
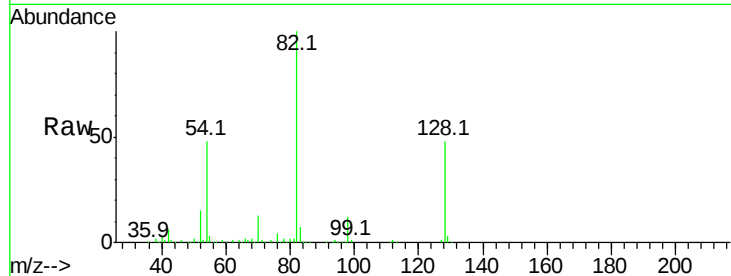




#19
n-Nitroso-di-n-propylamine
Concen: 15.32 ng
RT: 8.62 min Scan# 1136
Delta R.T. 0.18 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

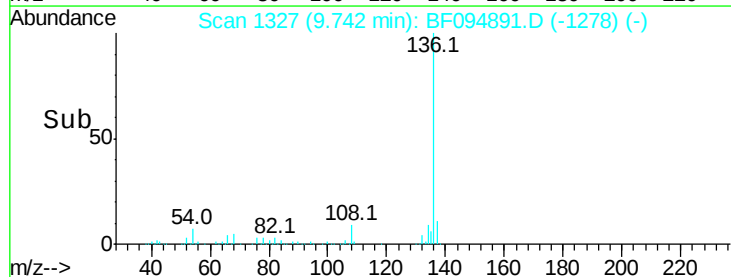
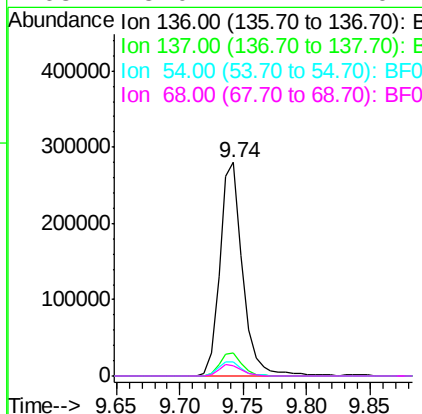
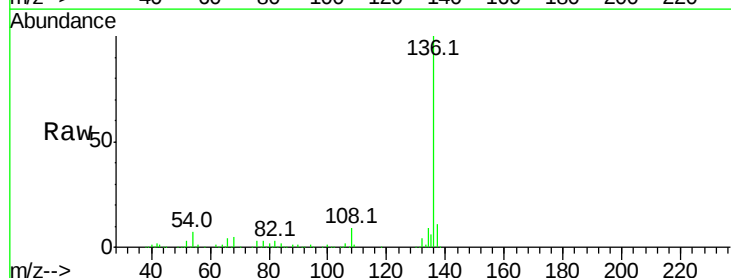
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 61336
Ion Ratio Lower Upper
70 100
42 46.0 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 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: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion: 136 Resp: 349570
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 6.6 4.9 7.3
68 5.0 4.1 6.1

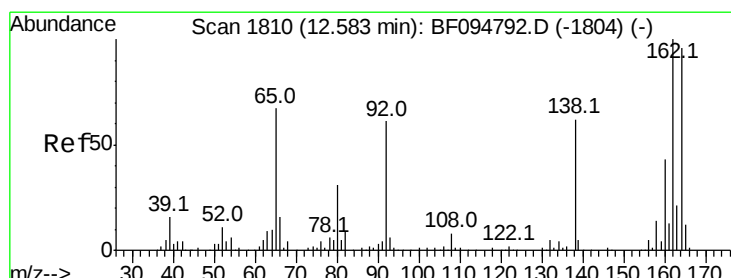
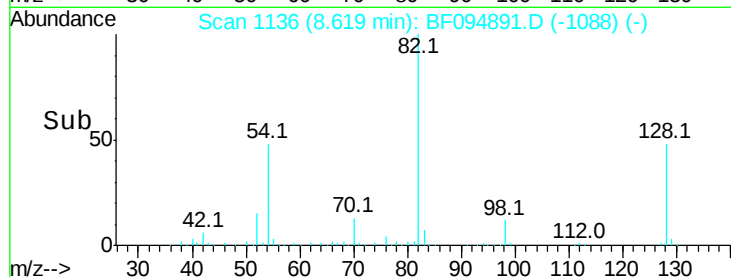
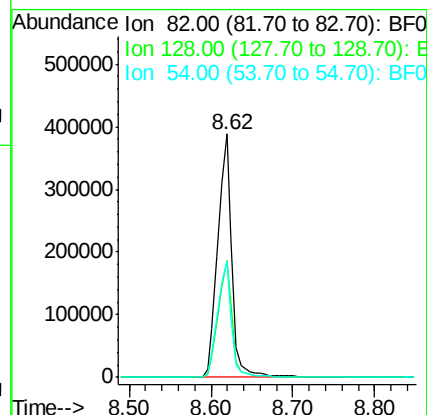
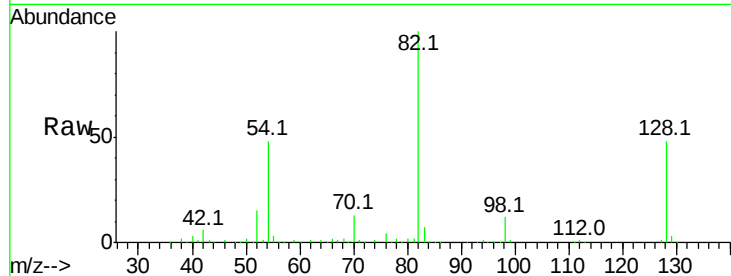




#23
 Nitrobenzene-d5
 Concen: 85.51 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

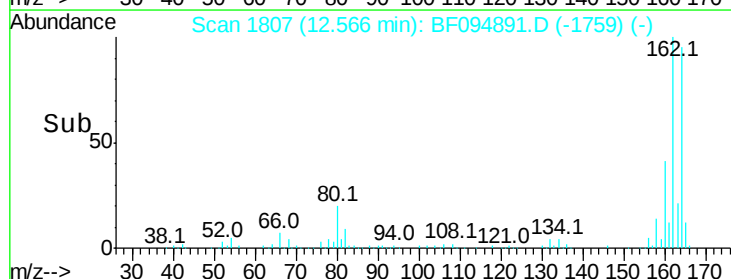
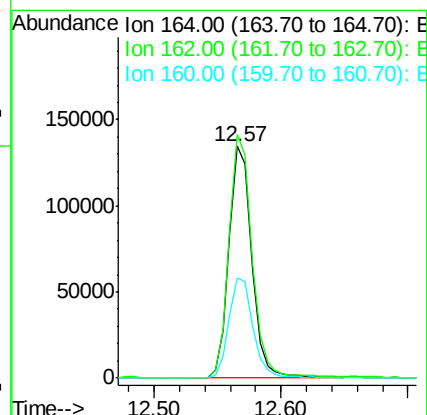
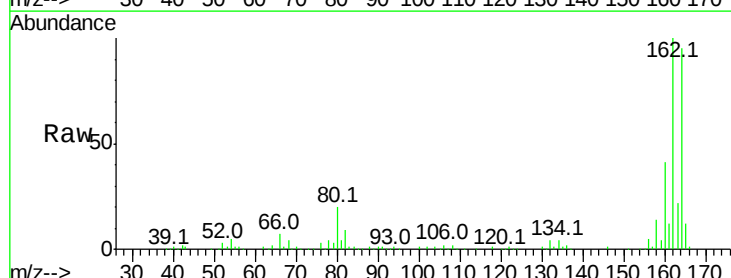
Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 474032
 Ion Ratio Lower Upper
 82 100
 128 47.8 34.0 51.0
 54 47.5 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1807
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Tgt Ion:164 Resp: 169642
 Ion Ratio Lower Upper
 164 100
 162 105.0 82.6 123.8
 160 43.4 36.2 54.2

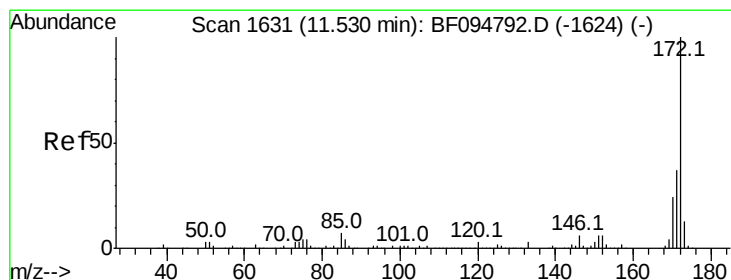
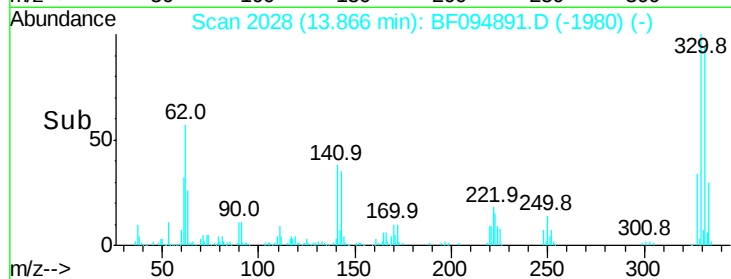
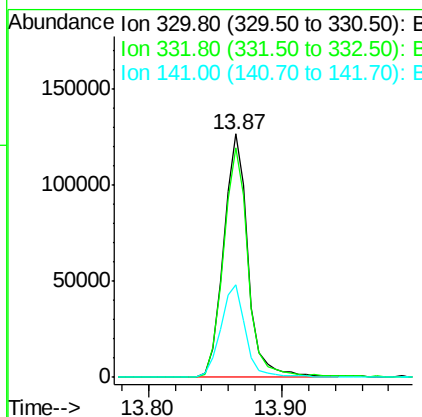
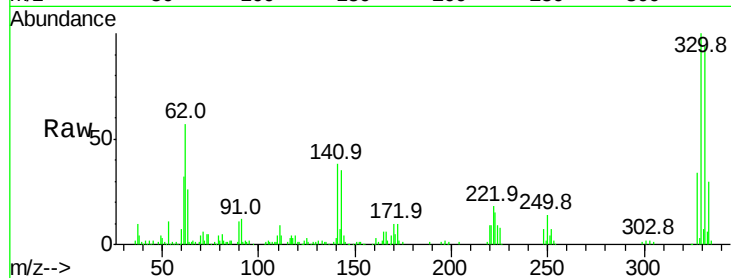




#41
 2,4,6-Tribromophenol
 Concen: 117.47 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

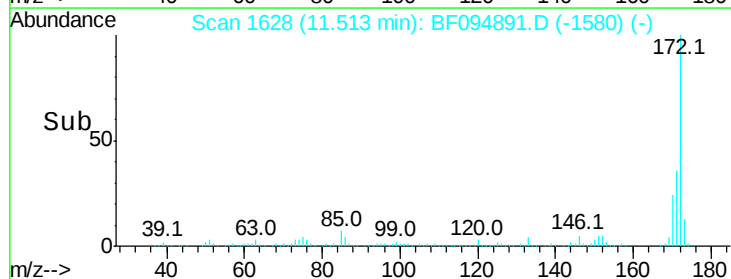
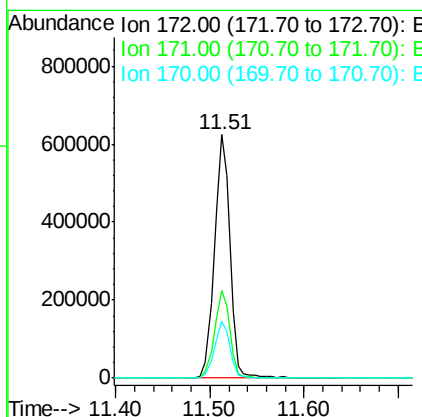
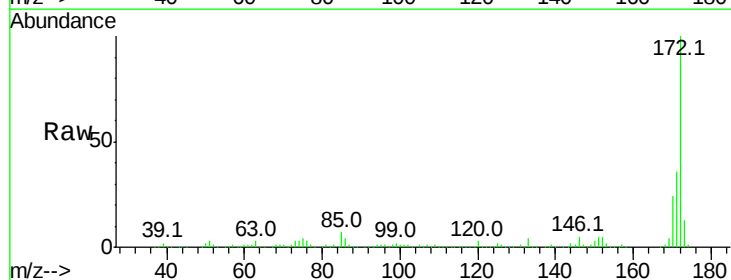
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.6	115.0
141	39.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 62.17 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.5	19.8	29.8

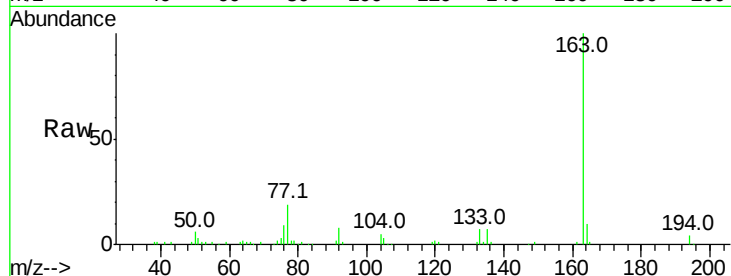




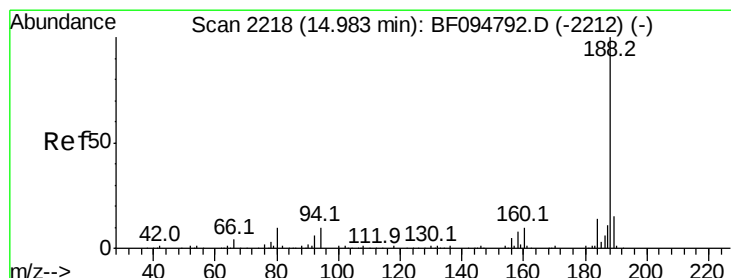
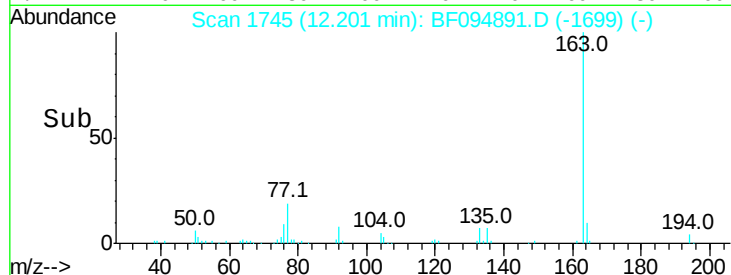
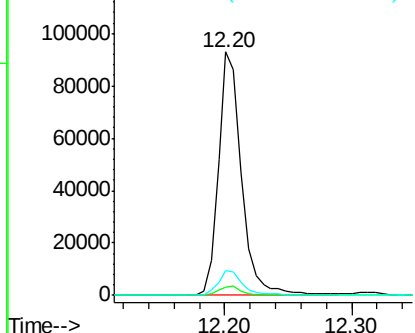
#49
Dimethylphthalate
Concen: 8.47 ng
RT: 12.20 min Scan# 1745
Delta R.T. -0.03 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 117984
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.0 8.4 12.6

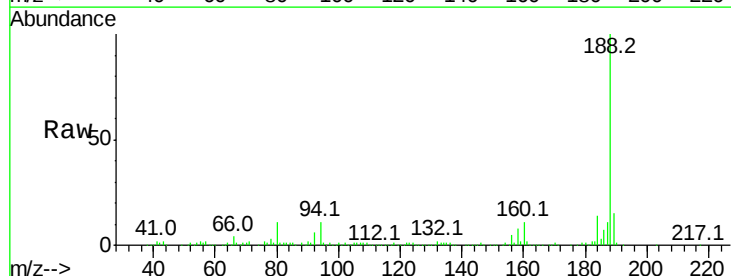


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

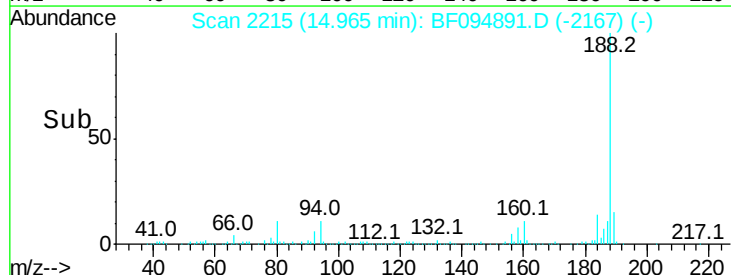
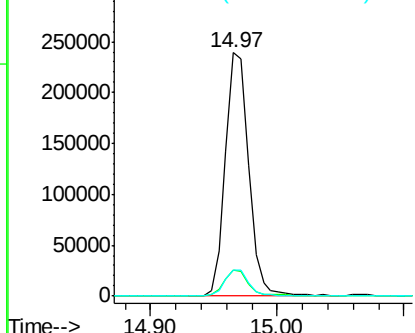


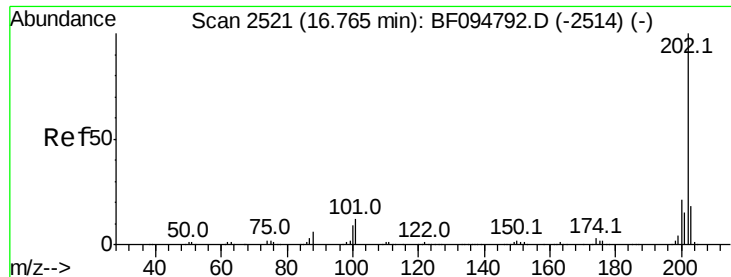
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion:188 Resp: 306305
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.2
80 10.9 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

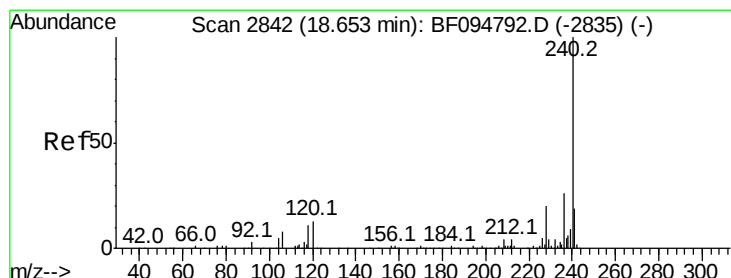
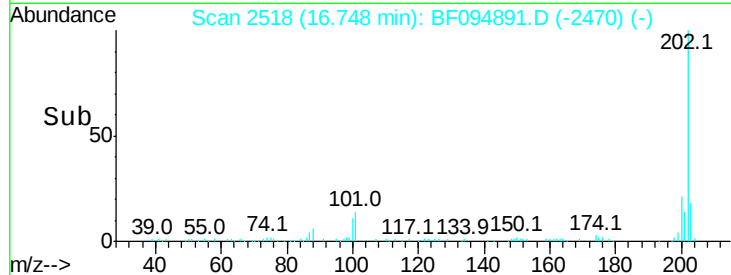
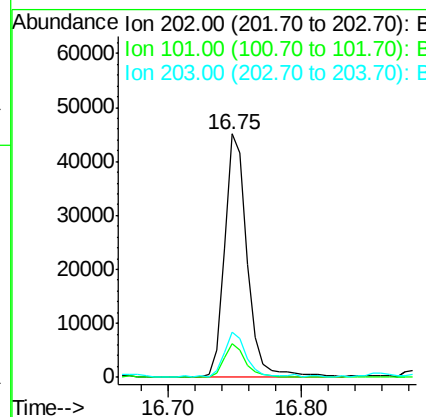
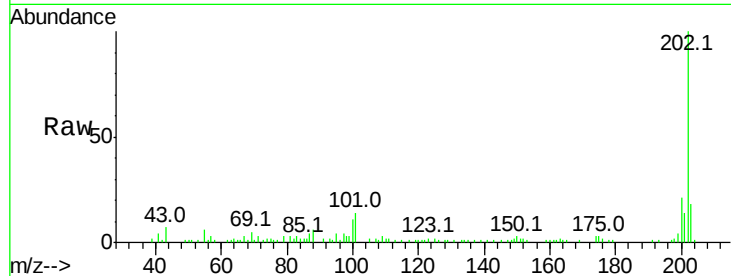




#74
 Fluoranthene
 Concen: 3.00 ng
 RT: 16.75 min Scan# 2518
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

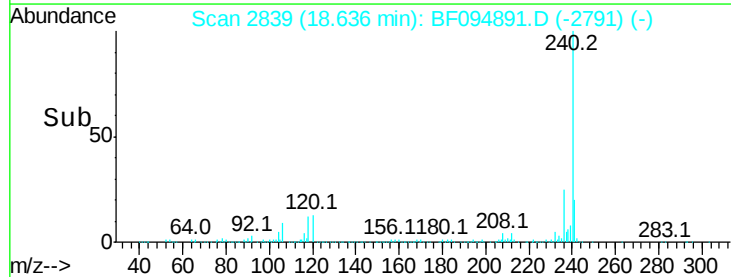
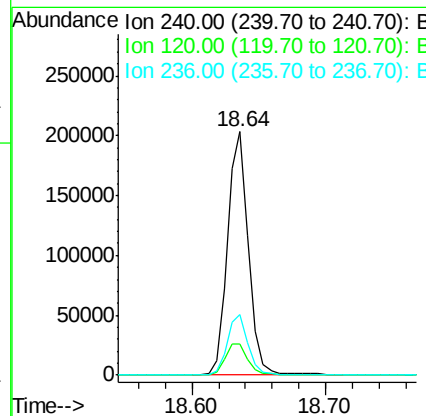
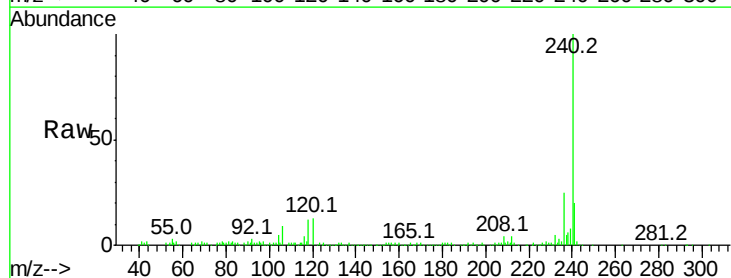
Instrument :
 BNA_F
 ClientSampleId :

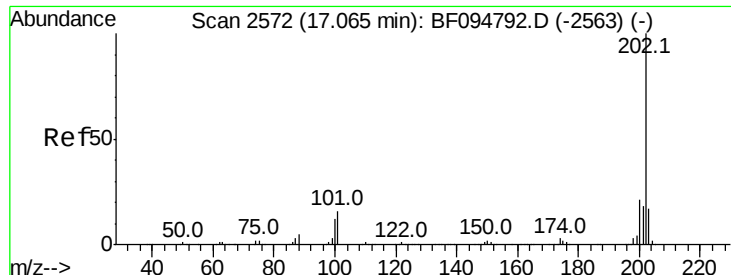
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	33.2
203	18.4	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF094891.D
 Acq: 5 May 2017 00:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.9	5.8	8.8#
236	24.7	20.5	30.7





#77

Pvrene

Concen: 2.82 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

Instrument :

BNA_F

ClientSampleId :

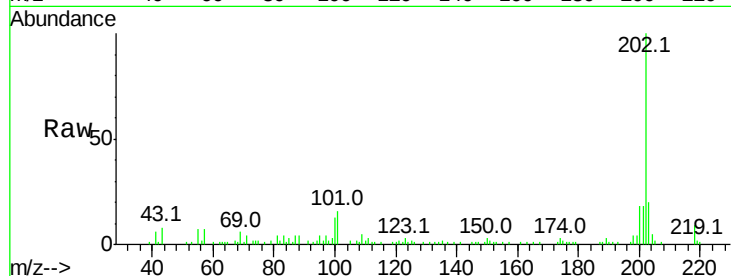
Tot Ion:202 Resp: 47395

Ion Ratio Lower Upper

202 100

200 18.4 17.6 26.4

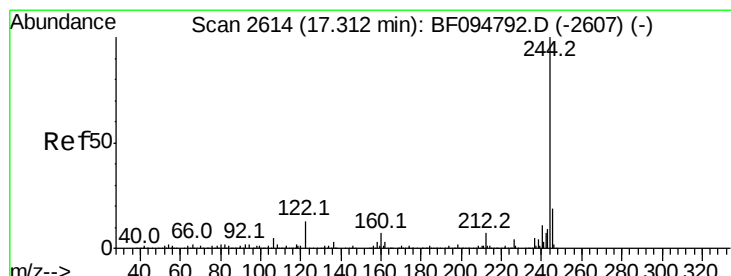
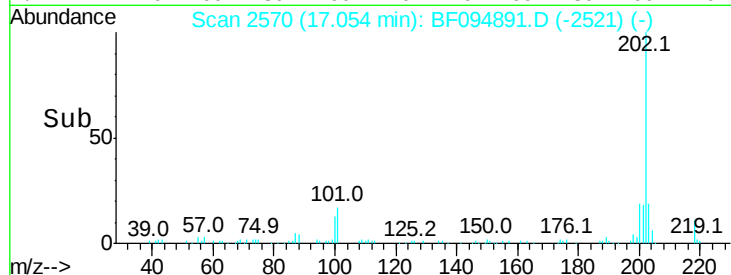
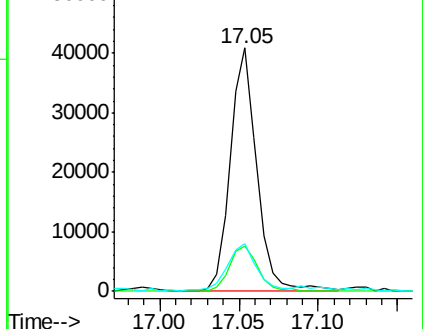
203 19.7 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 49.76 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

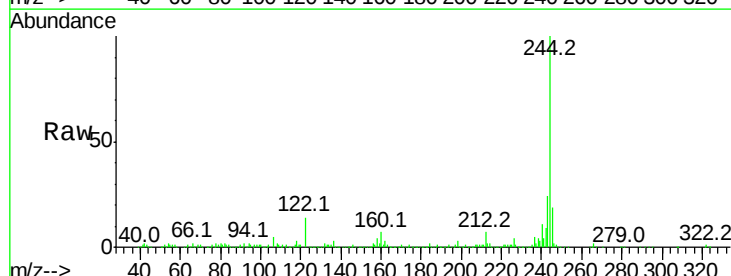
Tgt Ion:244 Resp: 507140

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

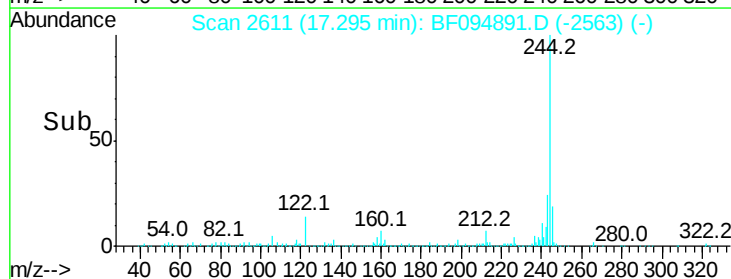
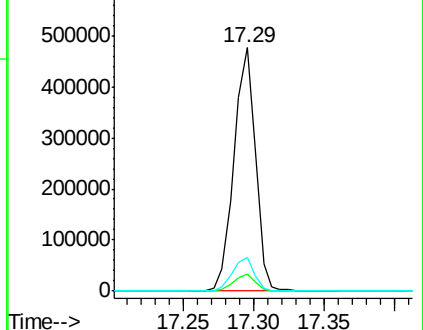
122 13.7 10.3 15.5

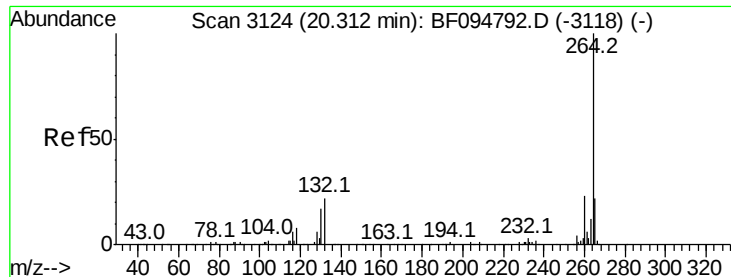


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

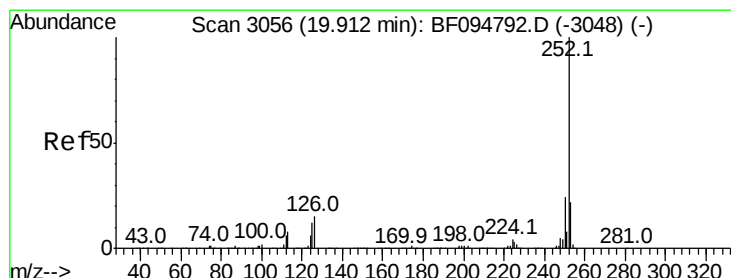
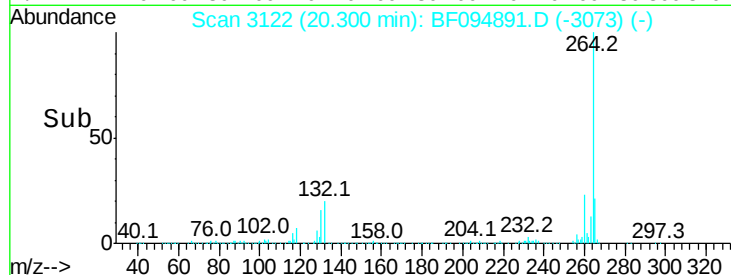
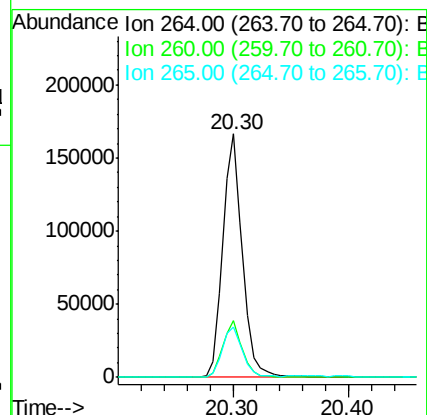
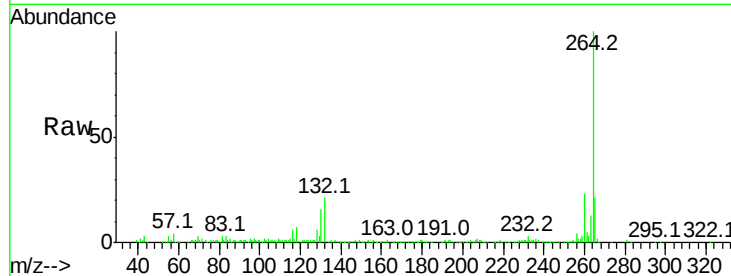




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

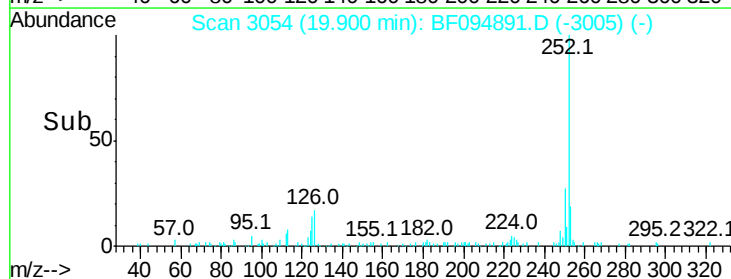
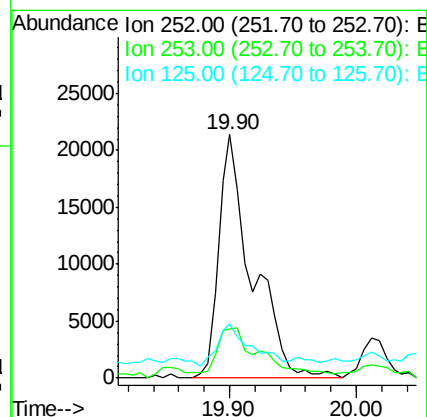
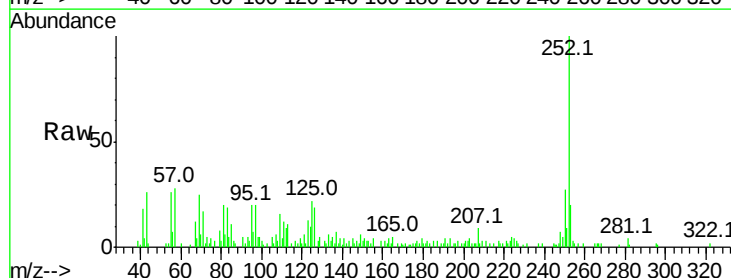
Instrument :
BNA_F
ClientSampleId :

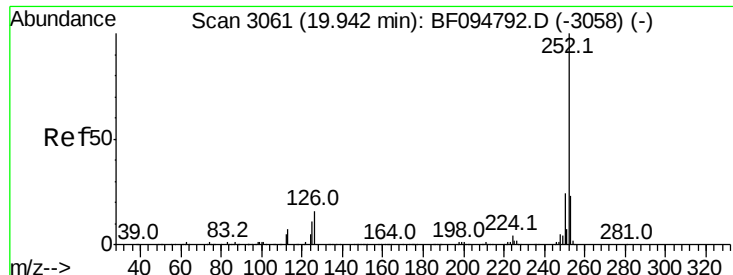
Tot Ion:264 Resp: 195005
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 3.26 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094891.D
Acq: 5 May 2017 00:23

Tgt Ion:252 Resp: 39299
Ion Ratio Lower Upper
252 100
253 20.3 18.1 27.1
125 22.3 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 3.38 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.04 min

Lab File: BF094891.D

Acq: 5 May 2017 00:23

Instrument :

BNA_F

ClientSampleId :

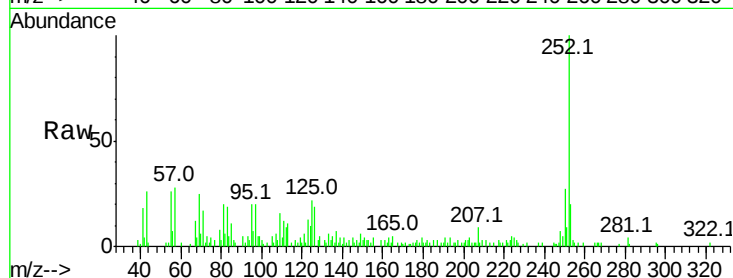
Tot Ion:252 Resp: 39299

Ion Ratio Lower Upper

252 100

253 20.3 18.4 27.6

125 22.3 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

