

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
 Data File : BF094822.D
 Acq On : 3 May 2017 7:48
 Operator : SJ/MA
 Sample : PB98658TB
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB98658TB

Quant Time: May 03 08:27:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 02 17:18:57 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	91443	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	371057	20.00	ng	0.00
38) Acenaphthene-d10	12.58	164	151950	20.00	ng	0.00
63) Phenanthrene-d10	14.98	188	246368	20.00	ng	0.00
75) Chrysene-d12	18.64	240	201046	20.00	ng	-0.01
86) Perylene-d12	20.31	264	170184	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	731851	133.43	ng	0.01
7) Phenol-d6	7.28	99	866419	131.66	ng	0.00
23) Nitrobenzene-d5	8.62	82	489390	83.17	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	146679	117.87	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1019590	96.58	ng	0.00
78) Terphenyl-d14	17.31	244	697822	76.45	ng	0.00

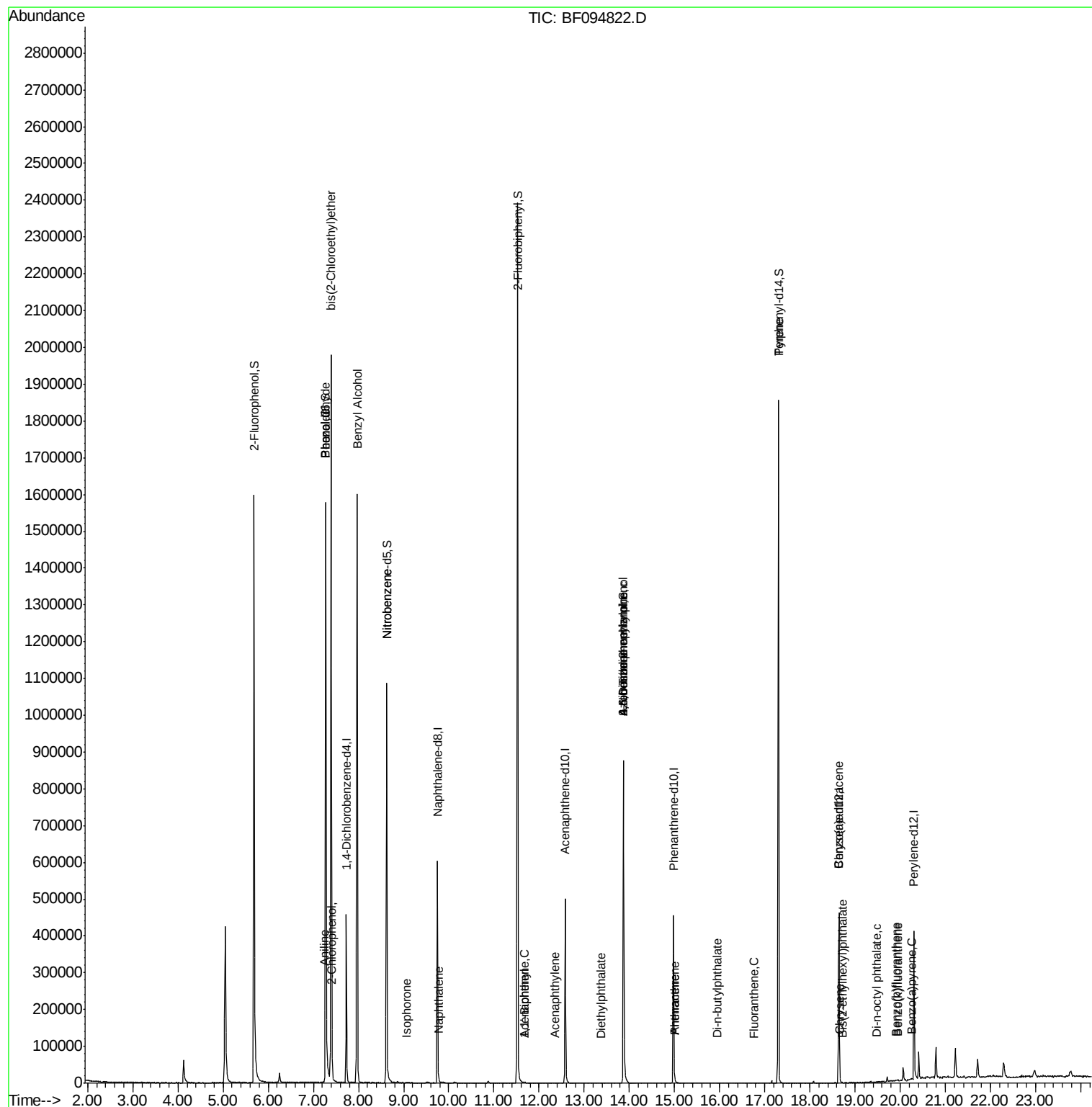
Target Compounds				Qvalue		
6) Aniline	7.25	93	1752	0.211	ng	# 83
8) 2-Chlorophenol	7.42	128	591	0.095	ng	# 1
9) Benzaldehyde	7.27	77	837	0.208	ng	# 1
10) Phenol	7.27	94	122	0.018	ng	# 1
11) bis(2-Chloroethyl)ether	7.40	93	876	0.153	ng	# 1
15) Benzyl Alcohol	7.97	79	8368	1.977	ng	# 47
24) Nitrobenzene	8.62	77	1009	0.164	ng	# 28
25) Isophorone	9.07	82	118	0.011	ng	# 67
31) Naphthalene	9.78	128	292	0.016	ng	# 68
45) 1,1'-Biphenyl	11.68	154	121	0.009	ng	# 42
48) Acenaphthylene	12.35	152	323	0.020	ng	# 60
51) Acenaphthene	11.68	154	121	0.009	ng	# 4
59) Diethylphthalate	13.37	149	349	0.029	ng	# 60
62) Azobenzene	13.87	77	671	0.070	ng	# 40
64) 4,6-Dinitro-2-methylphenol	13.87	198	106	0.064	ng	# 36
65) n-Nitrosodiphenylamine	13.87	169	5422	0.606	ng	# 39
70) Phenanthrene	15.02	178	141	0.010	ng	# 59
71) Anthracene	15.02	178	141	0.010	ng	# 59
73) Di-n-butylphthalate	15.95	149	872	0.053	ng	# 78
74) Fluoranthene	16.77	202	231	0.016	ng	# 62
77) Pyrene	17.31	202	2267	0.151	ng	# 45
80) Benzo(a)anthracene	18.64	228	648	0.055	ng	# 50
82) Chrysene	18.68	228	291	0.026	ng	# 49
83) Bis(2-ethylhexyl)phthalate	18.71	149	492	0.049	ng	# 52
84) Di-n-octyl phthalate	19.48	149	453	0.028	ng	# 1
87) Benzo(b)fluoranthene	19.91	252	450	0.043	ng	# 59
88) Benzo(k)fluoranthene	19.94	252	273	0.027	ng	# 56
89) Benzo(a)pyrene	20.25	252	245	0.025	ng	# 59

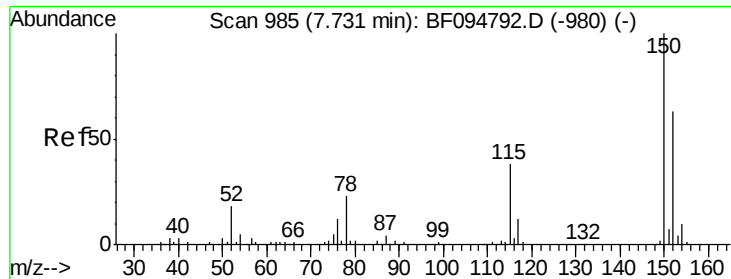
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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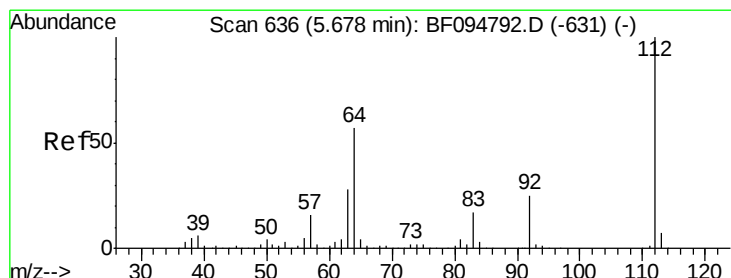
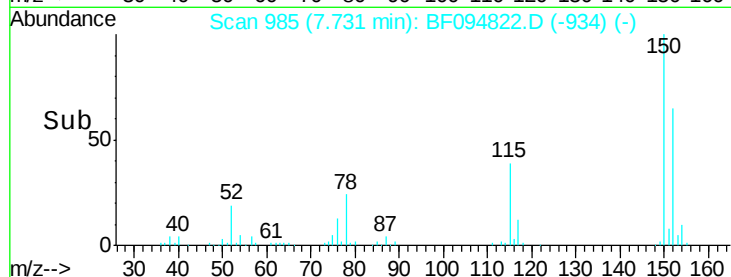
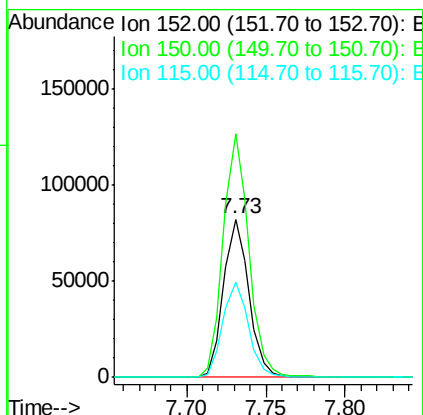
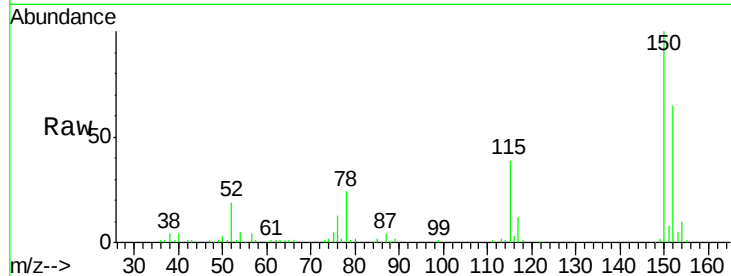


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.73 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
PB98658TB

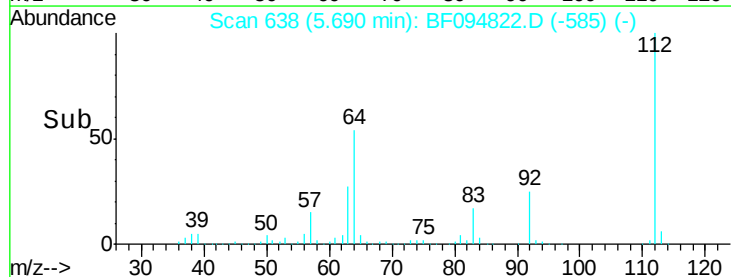
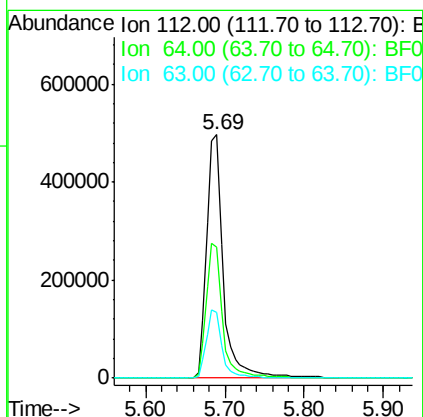
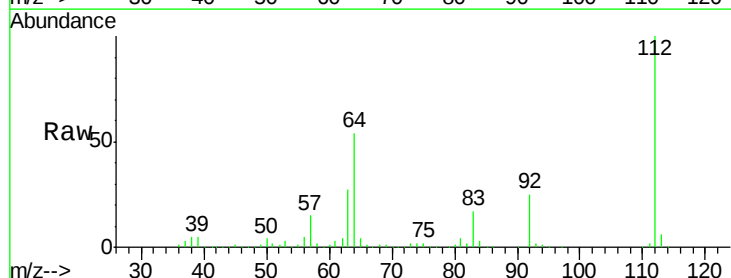
Tgt Ion:152 Resp: 91443
Ion Ratio Lower Upper
152 100
150 154.0 126.2 189.2
115 60.5 52.2 78.2

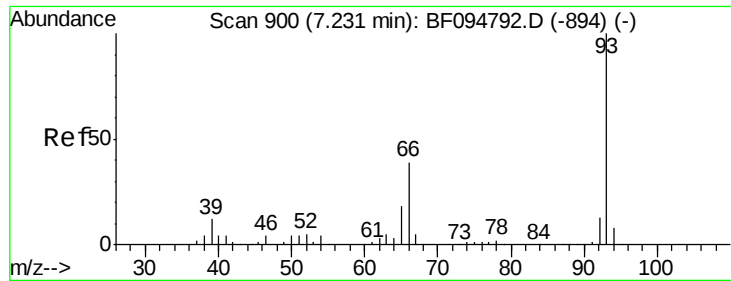


#5

2-Fluorophenol
Concen: 133.433 ng
RT: 5.69 min Scan# 638
Delta R.T. 0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion:112 Resp: 731851
Ion Ratio Lower Upper
112 100
64 53.6 46.0 69.0
63 26.8 23.4 35.0





#6

Aniline

Concen: 0.211 ng

RT: 7.25 min Scan# 903

Delta R.T. 0.02 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

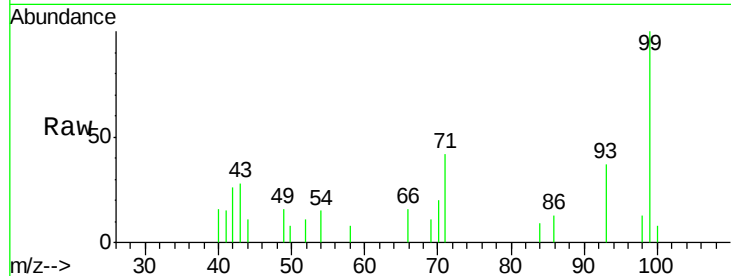
Tgt Ion: 93 Resp: 1752

Ion Ratio Lower Upper

93 100

66 43.6 32.9 49.3

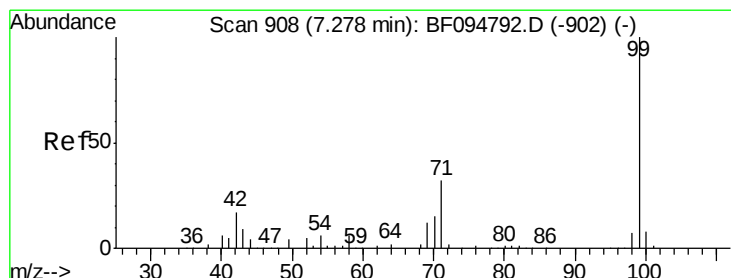
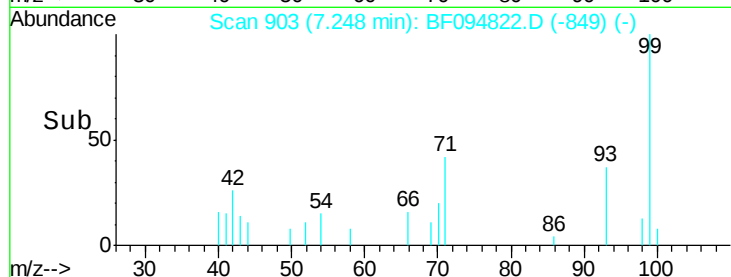
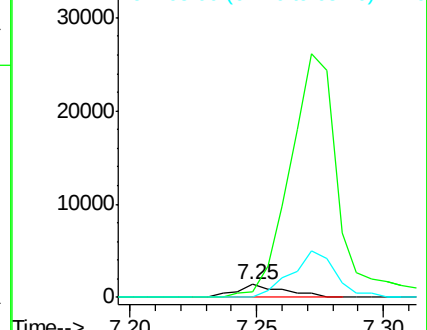
65 0.0 16.0 24.0#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 131.657 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

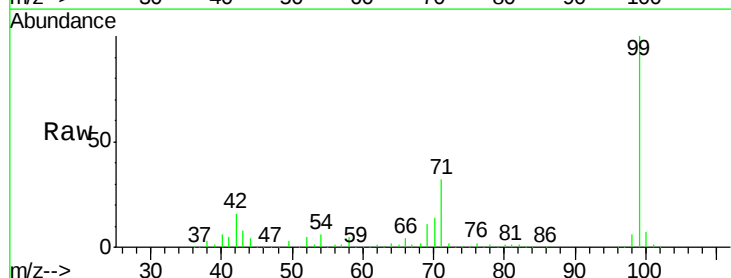
Tgt Ion: 99 Resp: 866419

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

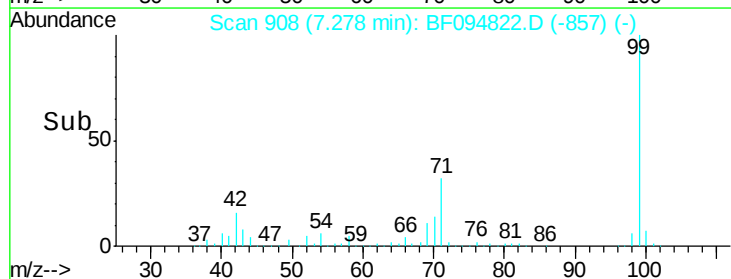
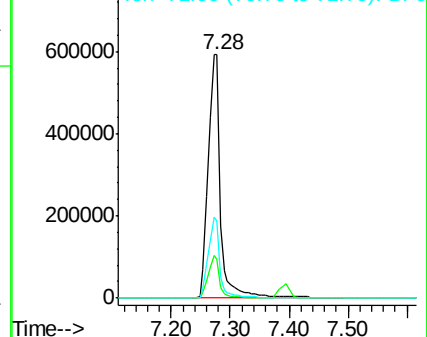
71 31.7 24.5 36.7

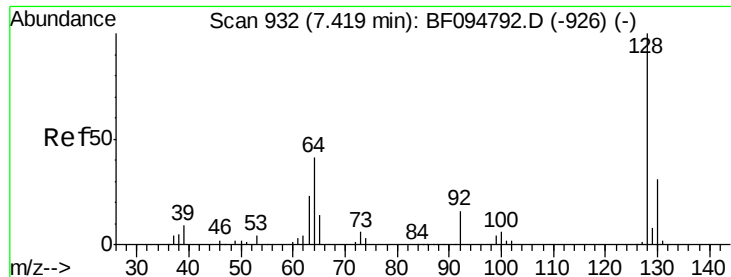


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#8

2-Chlorophenol

Concen: 0.095 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

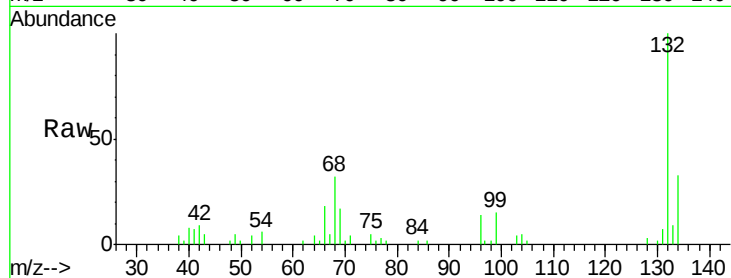
Tgt Ion:128 Resp: 591

Ion Ratio Lower Upper

128 100

130 56.8 12.9 52.9#

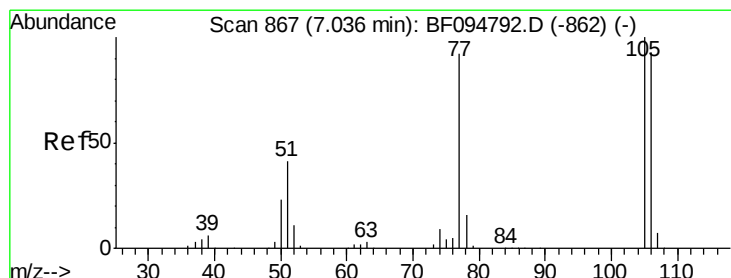
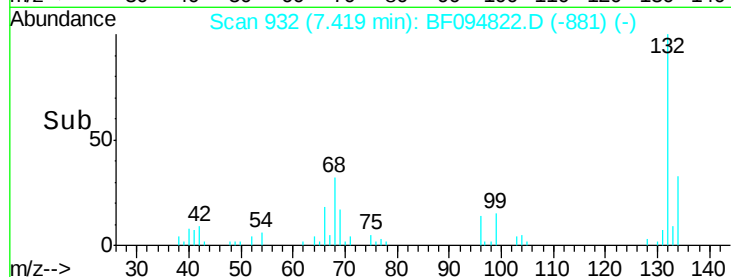
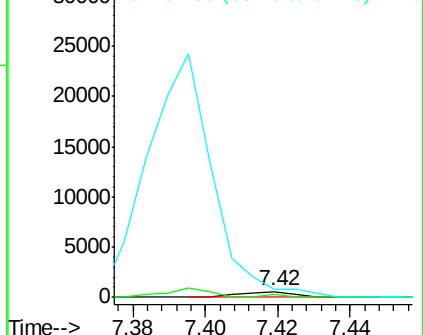
64 142.7 28.4 68.4#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#9

Benzaldehyde

Concen: 0.208 ng

RT: 7.27 min Scan# 907

Delta R.T. 0.24 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

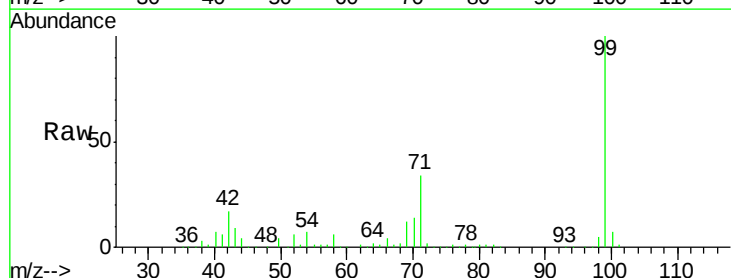
Tgt Ion: 77 Resp: 837

Ion Ratio Lower Upper

77 100

105 0.0 83.8 123.8#

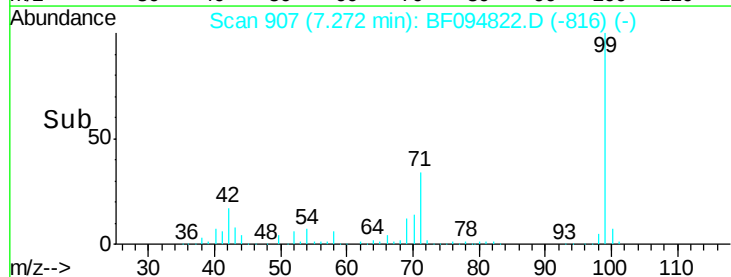
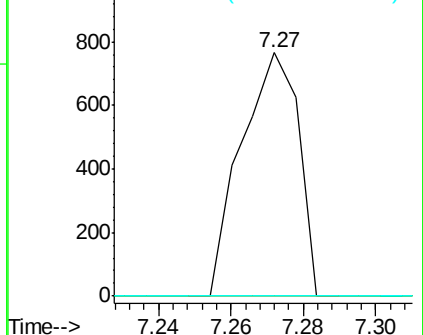
106 0.0 79.1 119.1#

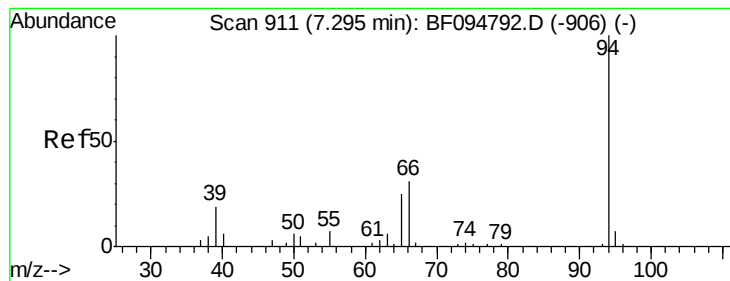


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 0.018 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.02 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

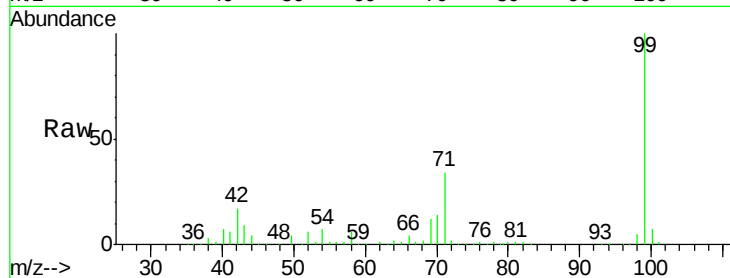
Tgt Ion: 94 Resp: 122

Ion Ratio Lower Upper

94 100

65 1429.3 9.9 49.9#

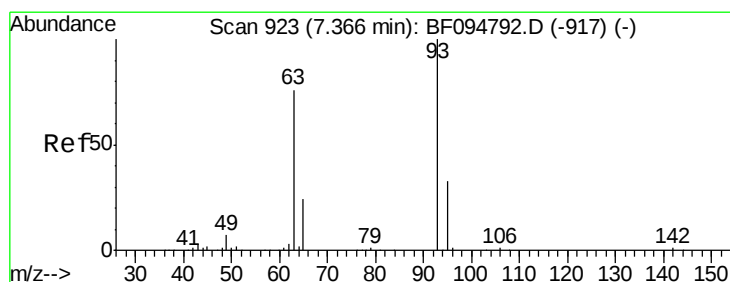
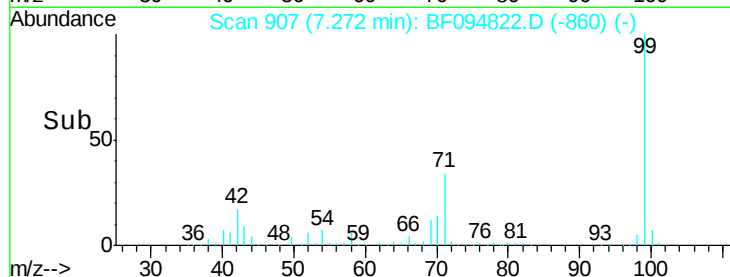
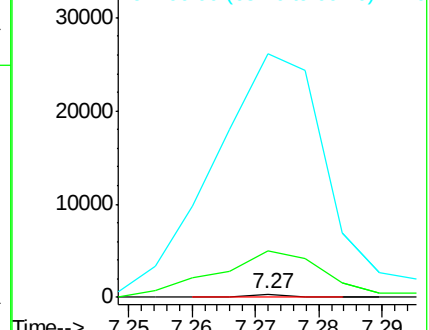
66 7573.3 23.1 63.1#



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



#11

bis(2-Chloroethyl)ether

Concen: 0.153 ng

RT: 7.40 min Scan# 928

Delta R.T. 0.03 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

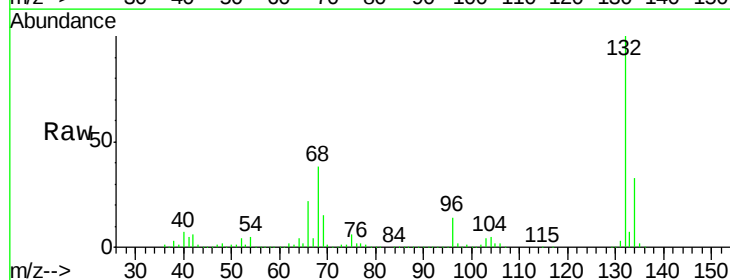
Tgt Ion: 93 Resp: 876

Ion Ratio Lower Upper

93 100

63 612.6 59.2 99.2#

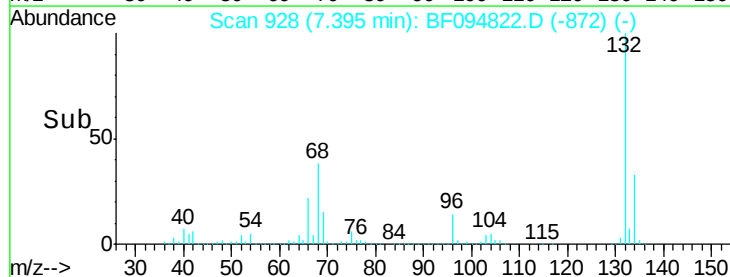
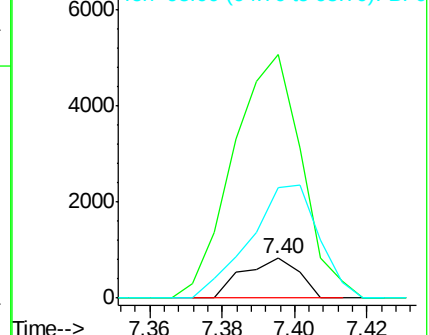
95 278.7 12.8 52.8#

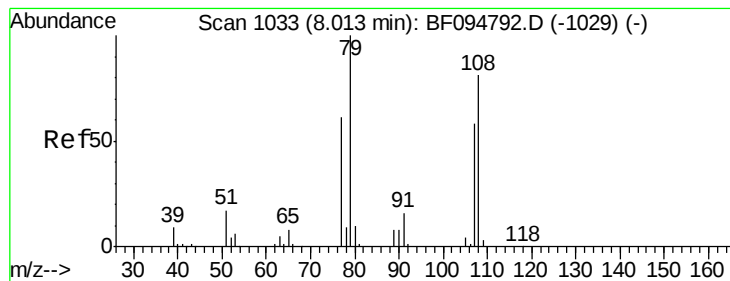


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0





#15

Benzyl Alcohol

Concen: 1.977 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.05 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampled :

PB98658TB

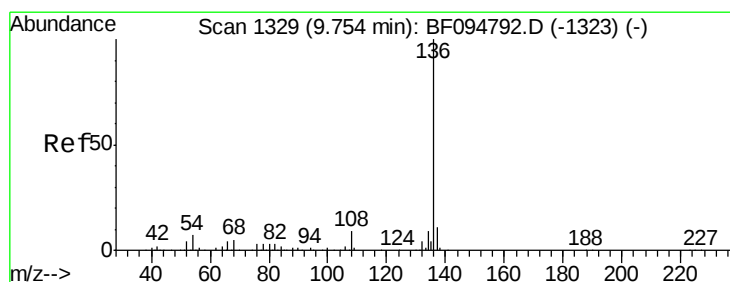
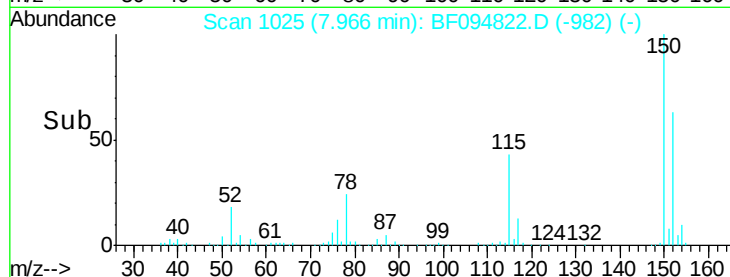
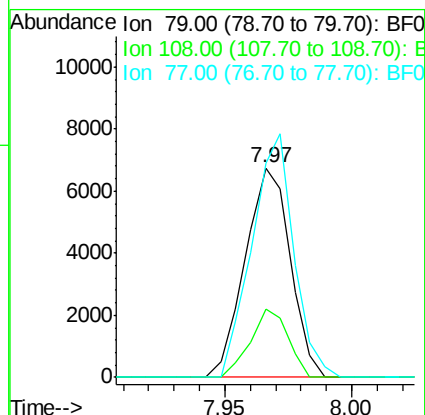
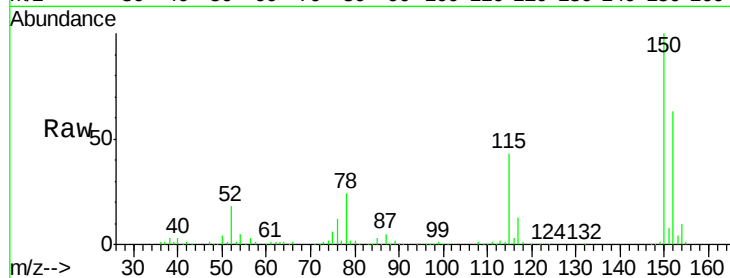
Tgt Ion: 79 Resp: 8368

Ion Ratio Lower Upper

79 100

108 32.7 63.4 95.0#

77 102.0 49.2 73.8#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.75 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Tgt Ion: 136 Resp: 371057

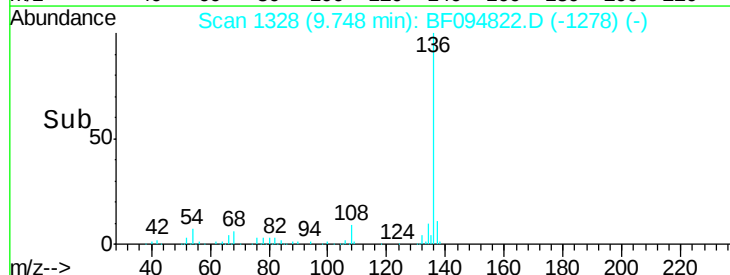
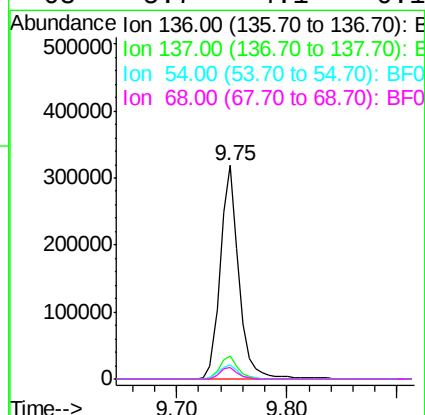
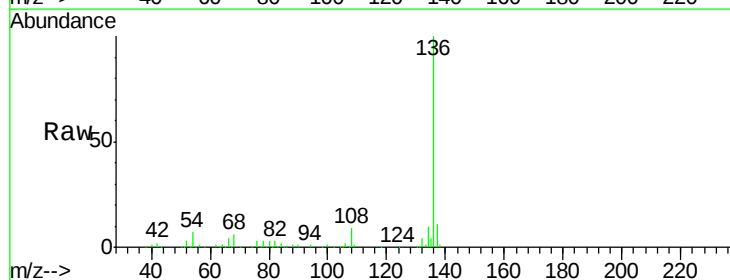
Ion Ratio Lower Upper

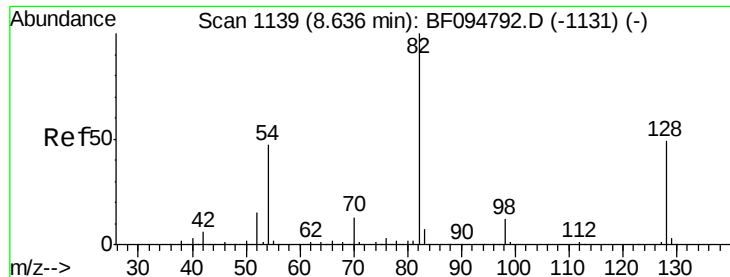
136 100

137 10.6 8.5 12.7

54 6.8 4.9 7.3

68 5.7 4.1 6.1

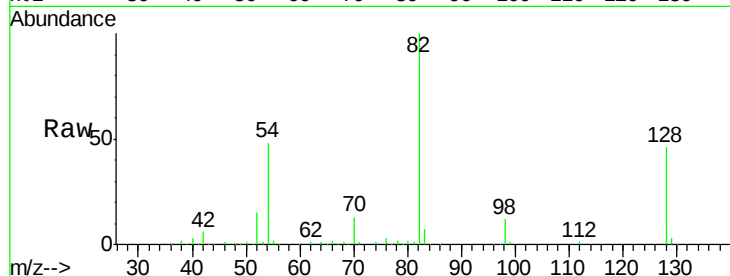




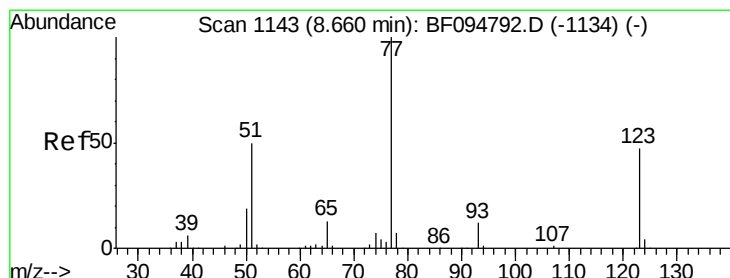
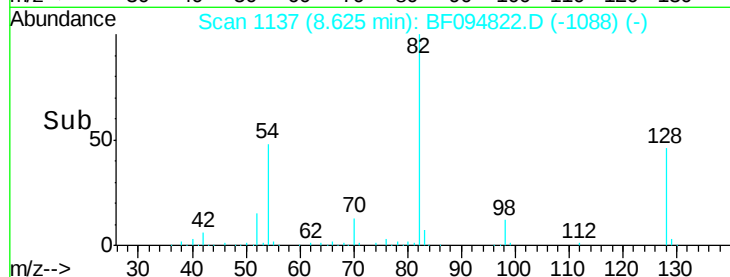
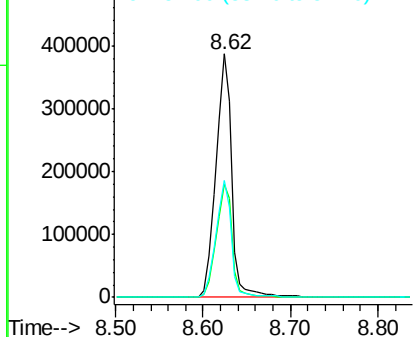
#23
 Nitrobenzene-d5
 Concen: 83.168 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98658TB

Tgt Ion: 82 Resp: 489390
 Ion Ratio Lower Upper
 82 100
 128 46.5 34.0 51.0
 54 47.8 42.2 63.2

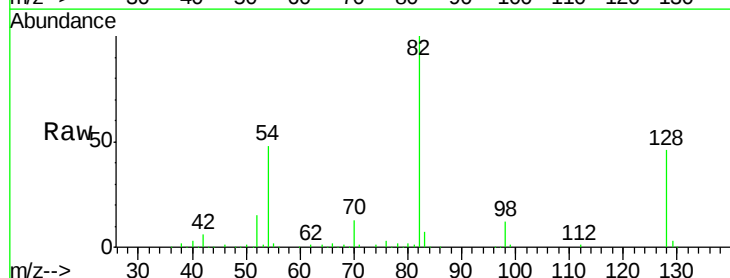


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

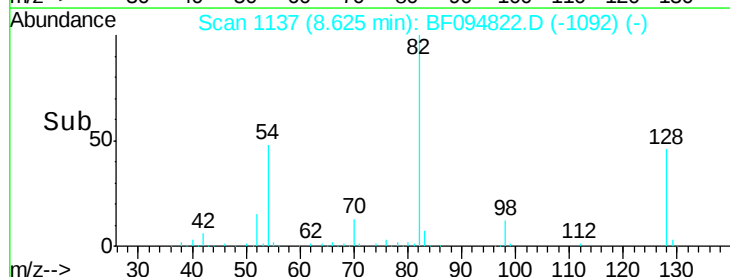
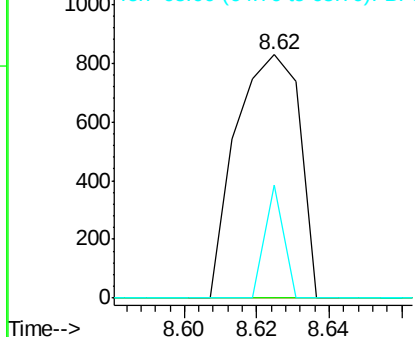


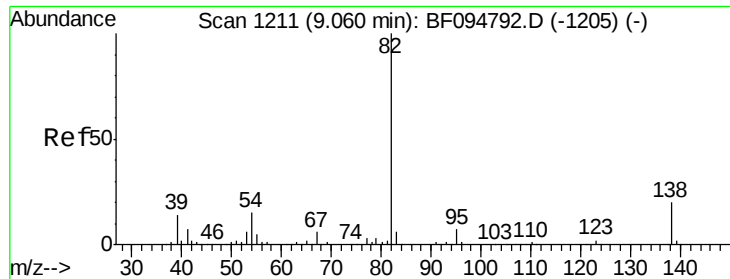
#24
 Nitrobenzene
 Concen: 0.164 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.04 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion: 77 Resp: 1009
 Ion Ratio Lower Upper
 77 100
 123 0.0 35.8 53.8#
 65 46.2 10.6 15.8#



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 0.011 ng

RT: 9.07 min Scan# 1213

Delta R.T. 0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

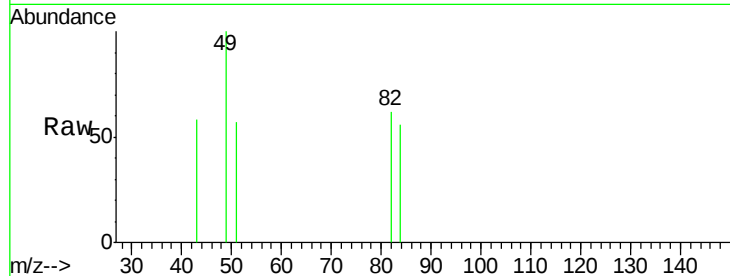
Tgt Ion: 82 Resp: 118

Ion Ratio Lower Upper

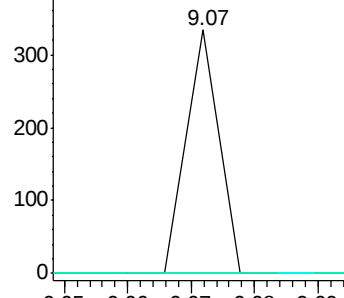
82 100

95 0.0 5.3 7.9#

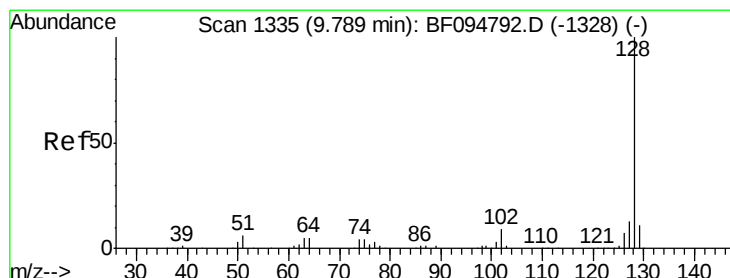
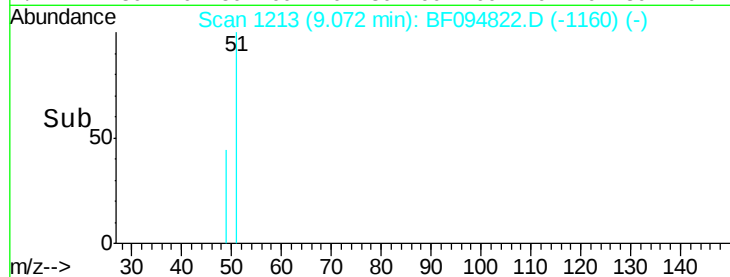
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



Time-->



#31

Naphthalene

Concen: 0.016 ng

RT: 9.78 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

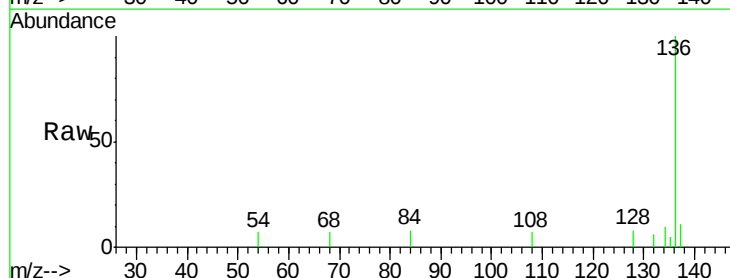
Tgt Ion: 128 Resp: 292

Ion Ratio Lower Upper

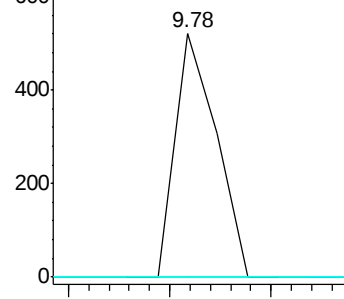
128 100

129 0.0 9.0 13.6#

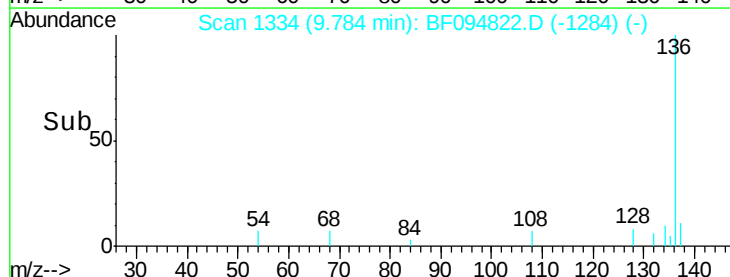
127 0.0 10.8 16.2#

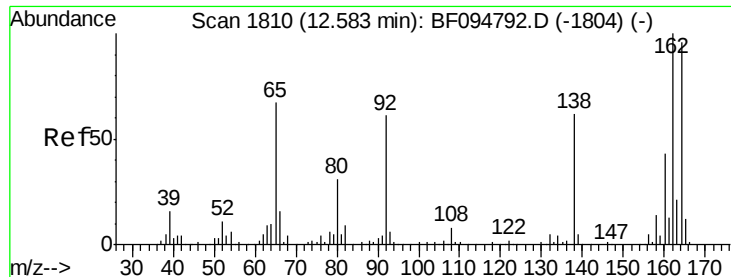


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



Time-->





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 12.58 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

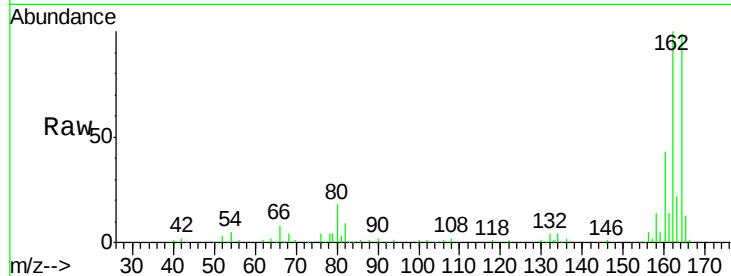
Tgt Ion:164 Resp: 151950

Ion Ratio Lower Upper

164 100

162 101.4 82.6 123.8

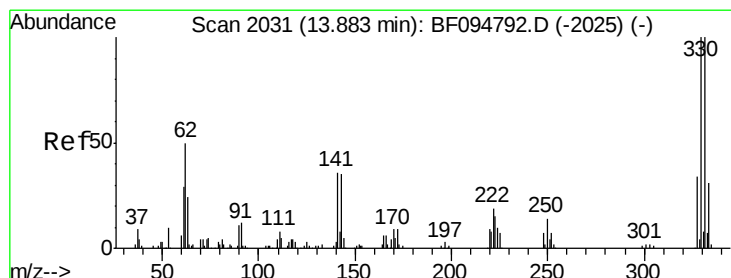
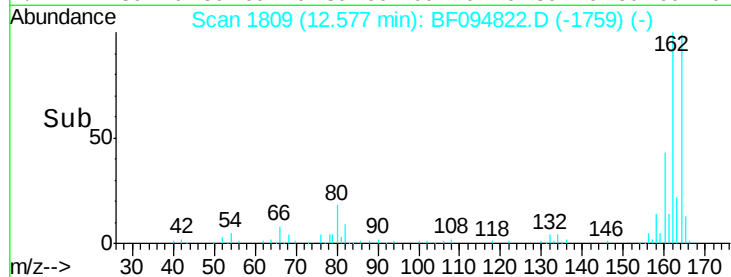
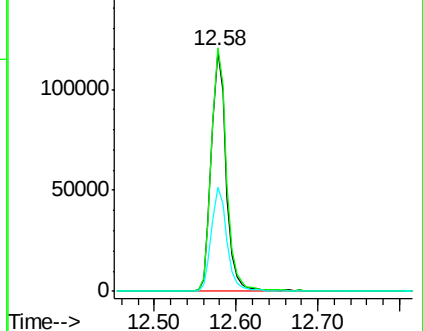
160 43.6 36.2 54.2



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: 117.869 ng

RT: 13.87 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

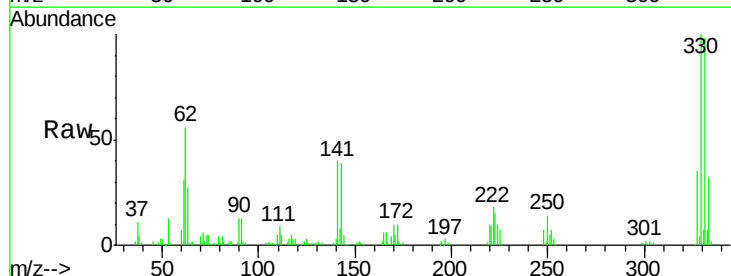
Tgt Ion:330 Resp: 146679

Ion Ratio Lower Upper

330 100

332 97.8 76.6 115.0

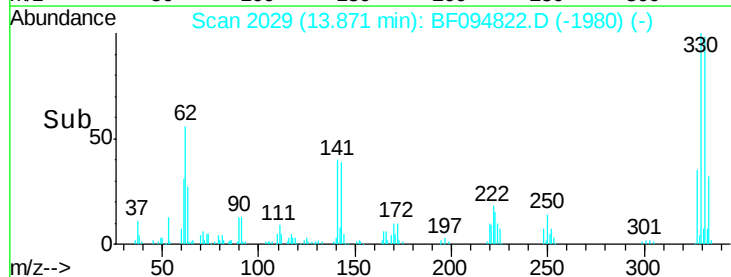
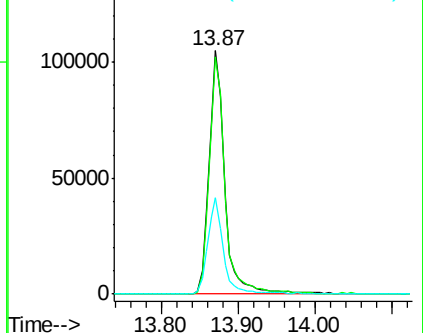
141 38.6 31.4 47.2

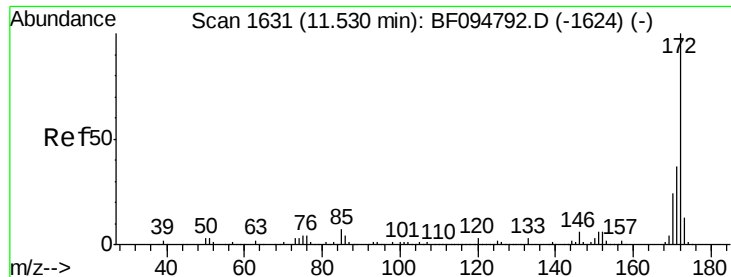


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

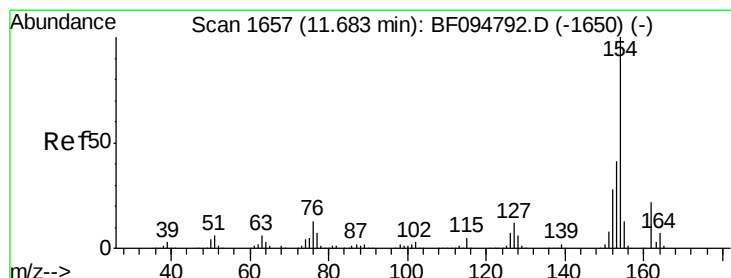
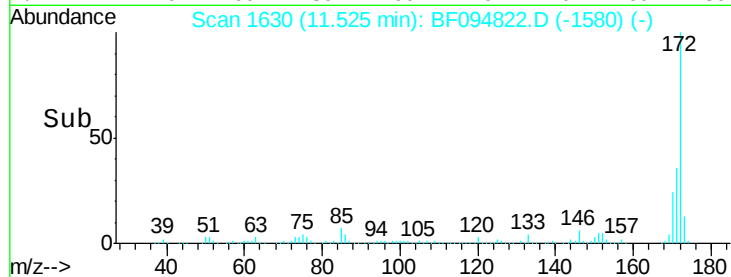
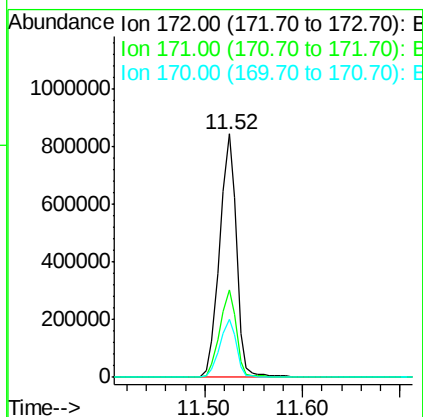
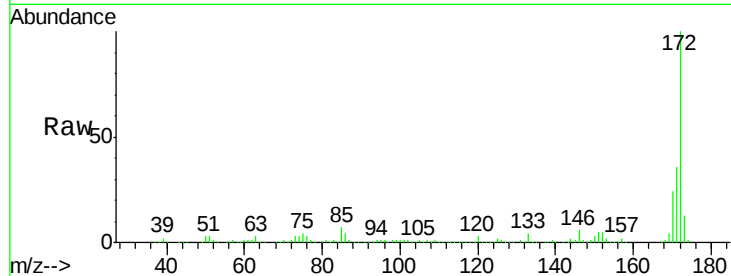




#44
 2-Fluorobiphenyl
 Concen: 96.580 ng
 RT: 11.52 min Scan# 1630
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

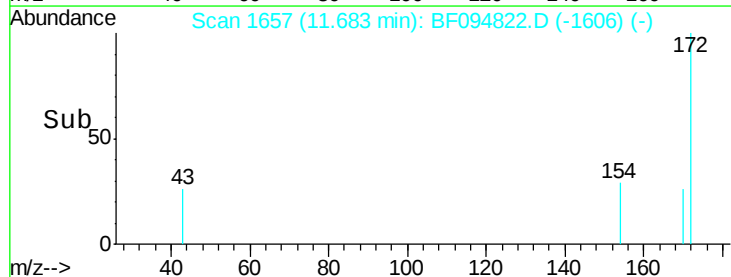
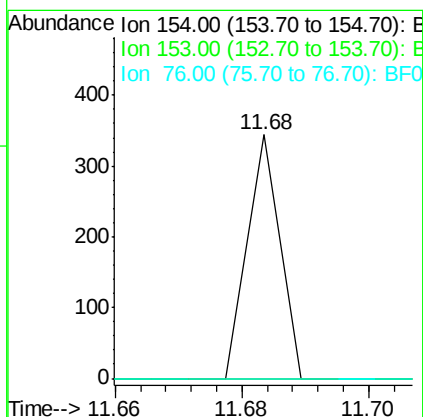
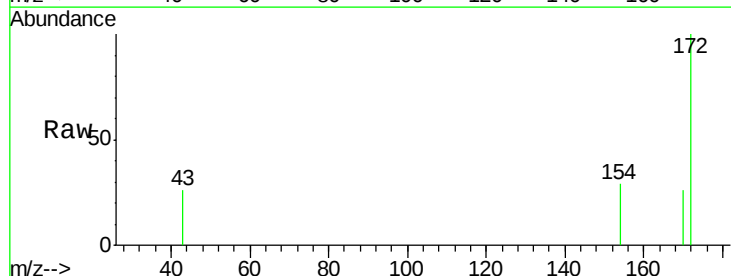
Instrument :
 BNA_F
 ClientSampleId :
 PB98658TB

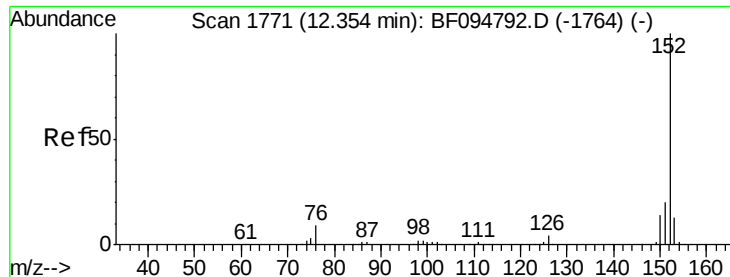
Tgt Ion:172 Resp: 1019590
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 23.6 19.8 29.8



#45
 1,1'-Biphenyl
 Concen: 0.009 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. 0.00 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion:154 Resp: 121
 Ion Ratio Lower Upper
 154 100
 153 0.0 21.2 61.2#
 76 0.0 0.0 29.9





#48

Acenaphthylene

Concen: 0.020 ng

RT: 12.35 min Scan# 1771

Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

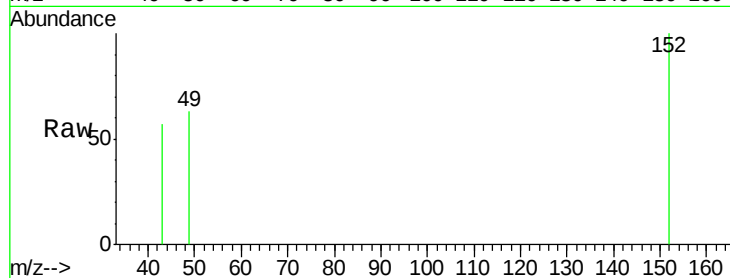
Tgt Ion:152 Resp: 323

Ion Ratio Lower Upper

152 100

151 0.0 16.8 25.2#

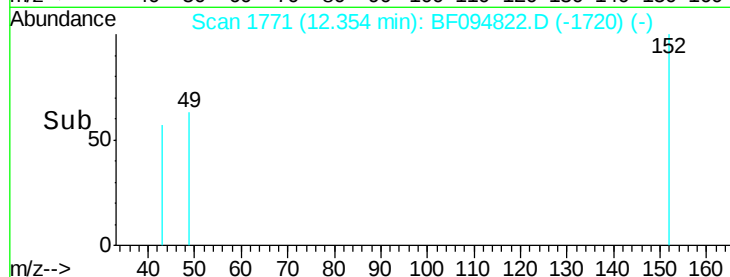
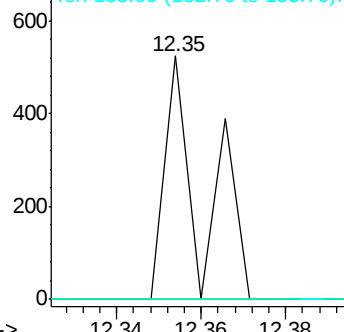
153 0.0 10.8 16.2#



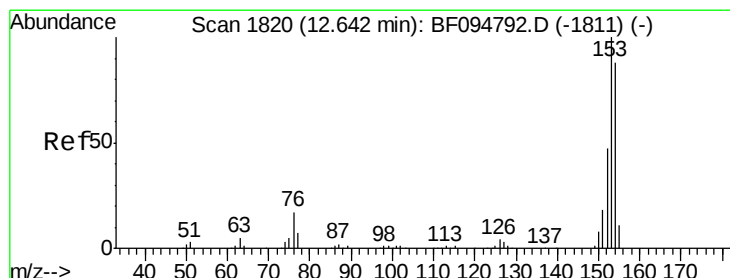
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time-->



#51

Acenaphthene

Concen: 0.009 ng

RT: 11.68 min Scan# 1657

Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

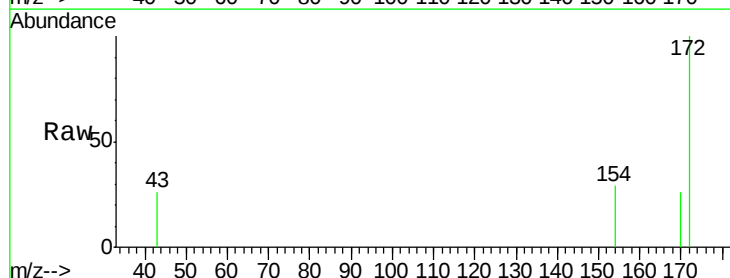
Tgt Ion:154 Resp: 121

Ion Ratio Lower Upper

154 100

153 0.0 90.5 135.7#

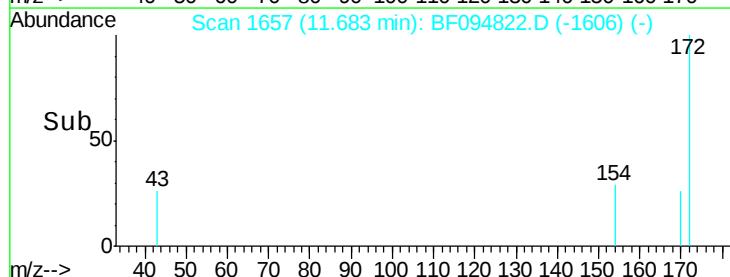
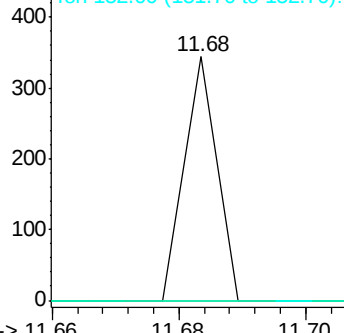
152 0.0 43.6 65.4#



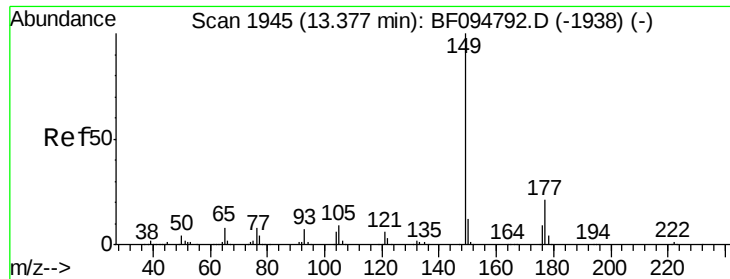
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



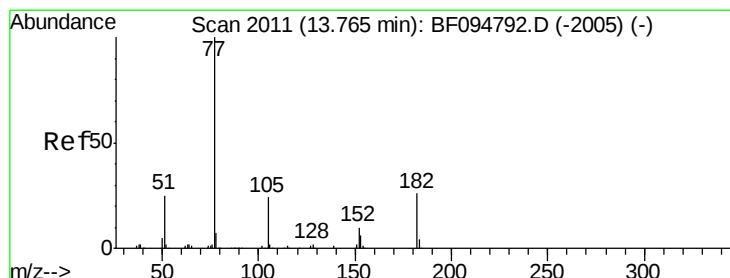
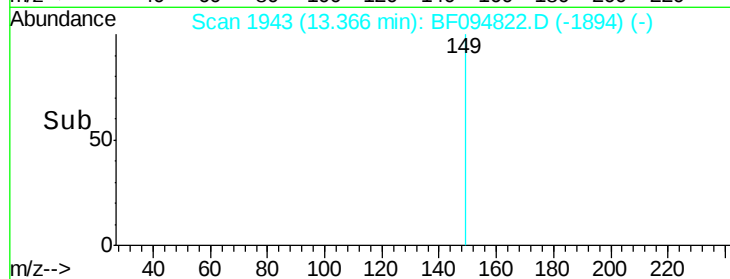
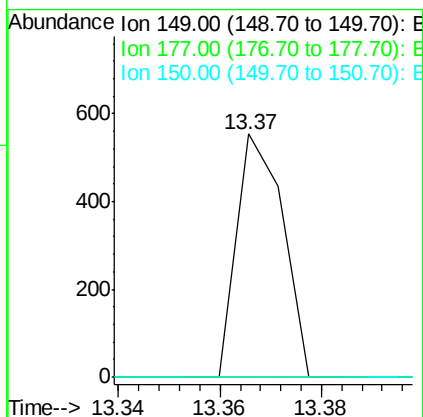
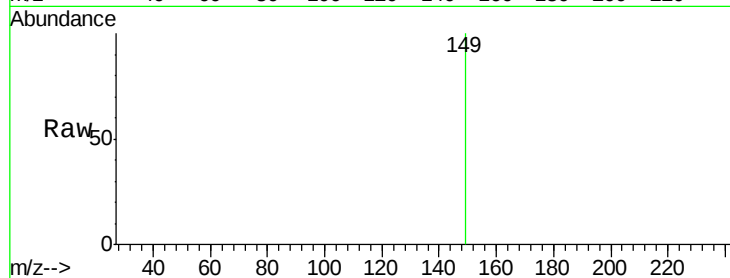
Time-->



#59
Diethylphthalate
Concen: 0.029 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

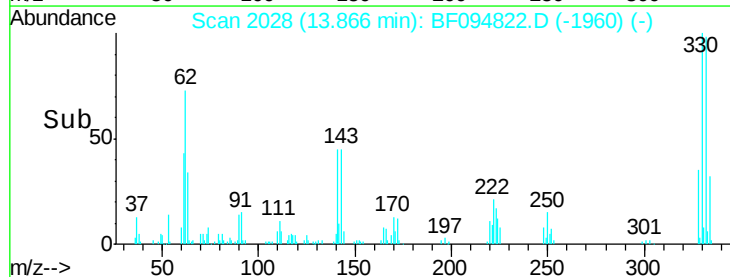
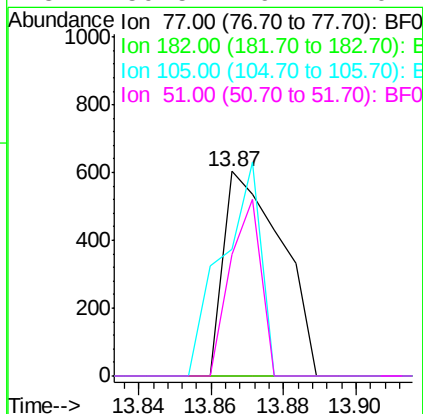
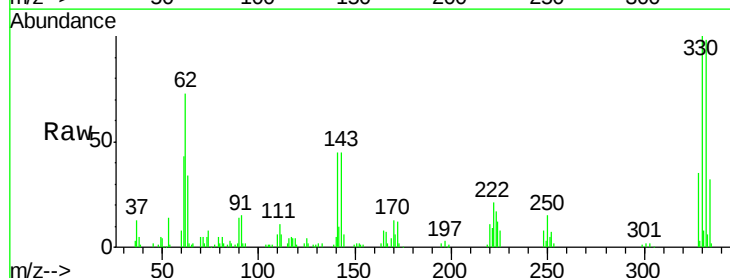
Instrument :
BNA_F
ClientSampleId :
PB98658TB

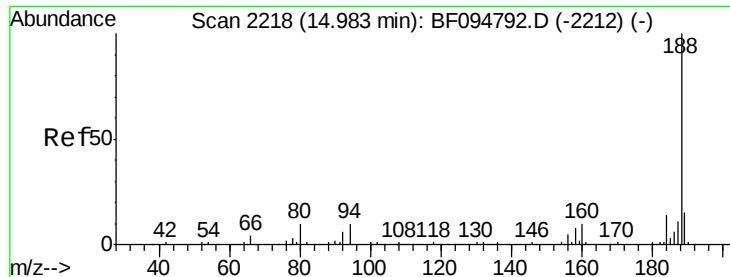
Tgt Ion: 149 Resp: 349
Ion Ratio Lower Upper
149 100
177 0.0 16.7 25.1#
150 0.0 10.2 15.2#



#62
Azobenzene
Concen: 0.070 ng
RT: 13.87 min Scan# 2028
Delta R.T. 0.10 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion: 77 Resp: 671
Ion Ratio Lower Upper
77 100
182 0.0 0.1 40.1#
105 61.9 3.6 43.6#
51 59.5 9.4 49.4#

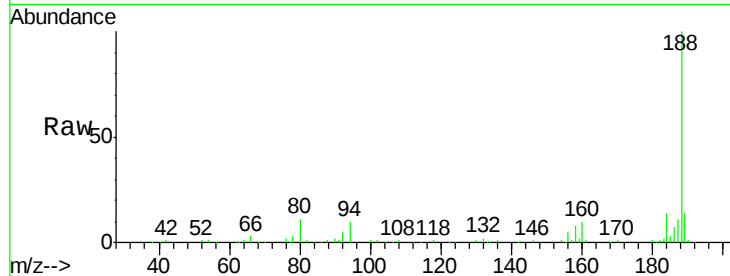




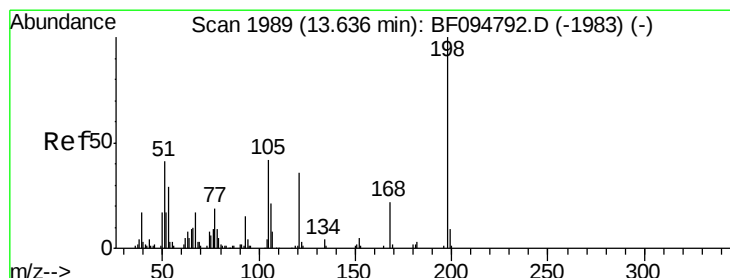
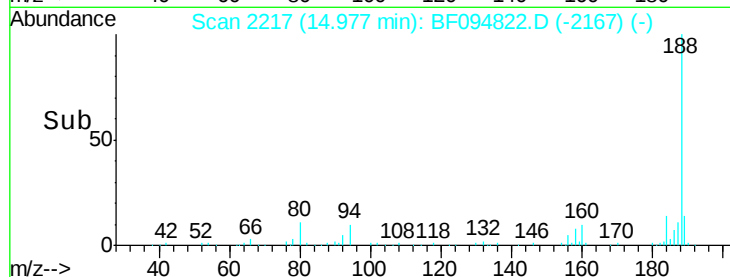
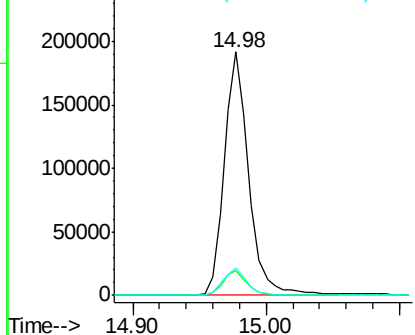
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.98 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
PB98658TB

Tgt Ion:188 Resp: 246368
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.3 10.2 15.2

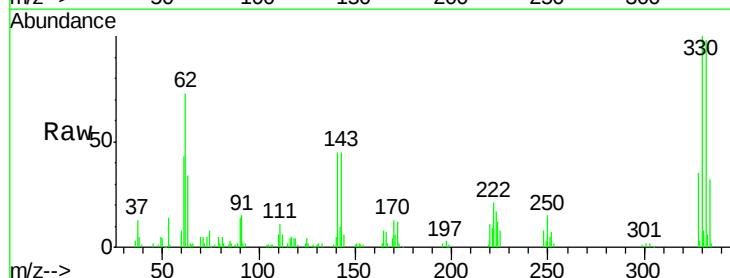


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

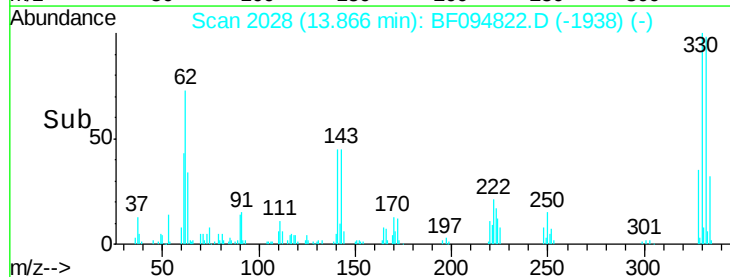
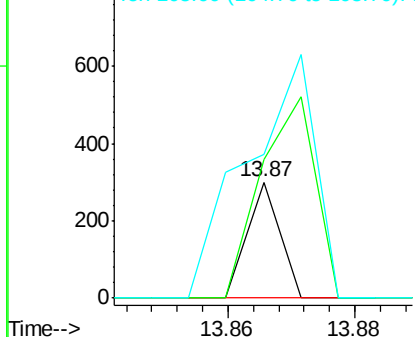


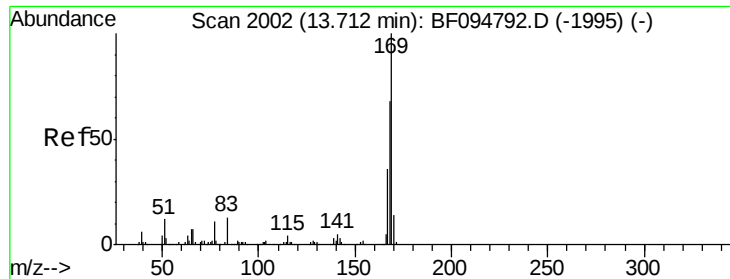
#64
4,6-Dinitro-2-methylphenol
Concen: 0.064 ng
RT: 13.87 min Scan# 2028
Delta R.T. 0.23 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 119.7 53.2 93.2#
105 124.3 45.8 85.8#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 0.606 ng

RT: 13.87 min Scan# 2029

Delta R.T. 0.16 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

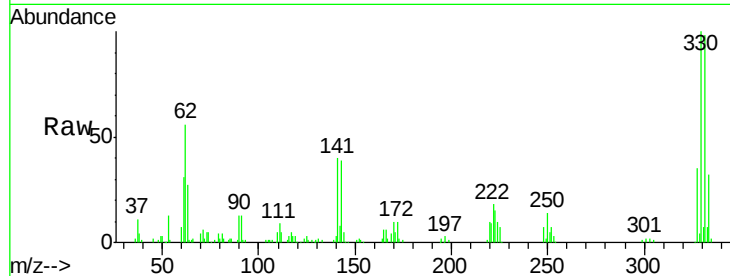
Tgt Ion:169 Resp: 5422

Ion Ratio Lower Upper

169 100

168 0.0 53.2 79.8#

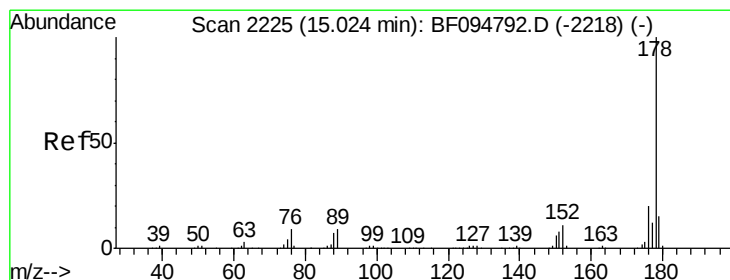
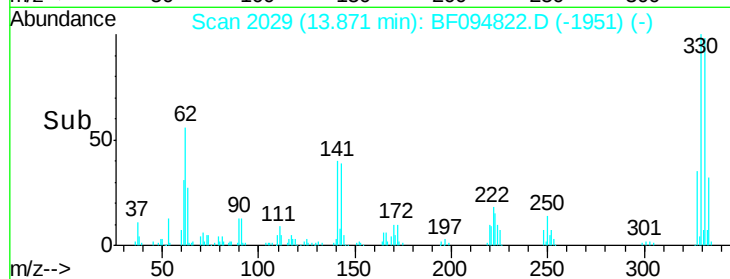
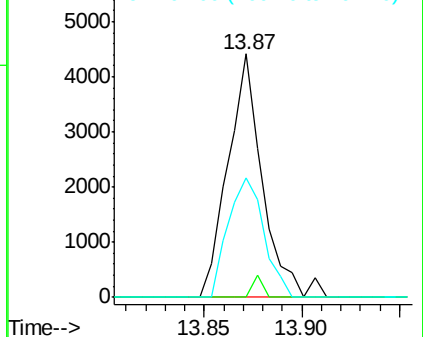
167 49.0 29.5 44.3#



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 0.010 ng

RT: 15.02 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

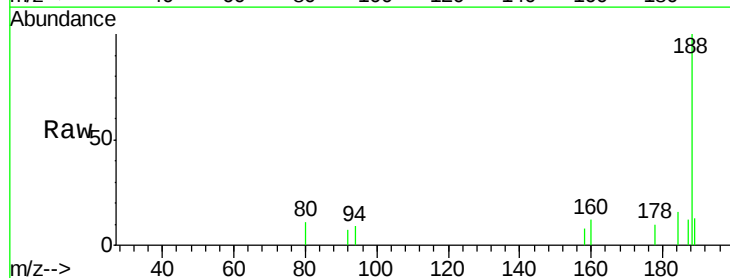
Tgt Ion:178 Resp: 141

Ion Ratio Lower Upper

178 100

176 0.0 16.2 24.4#

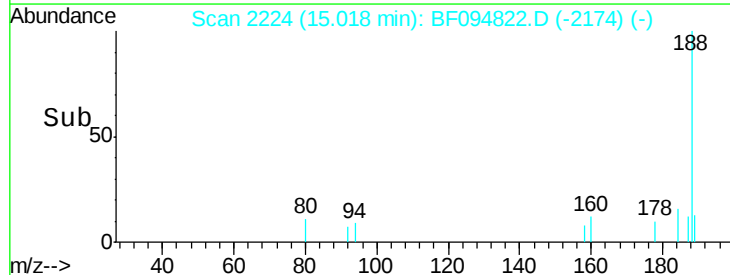
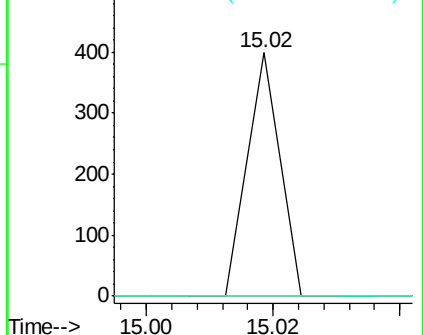
179 0.0 12.6 19.0#

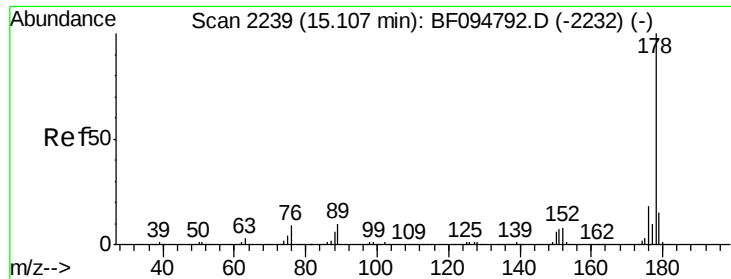


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

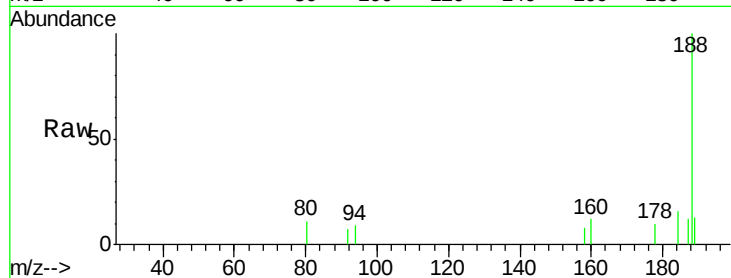




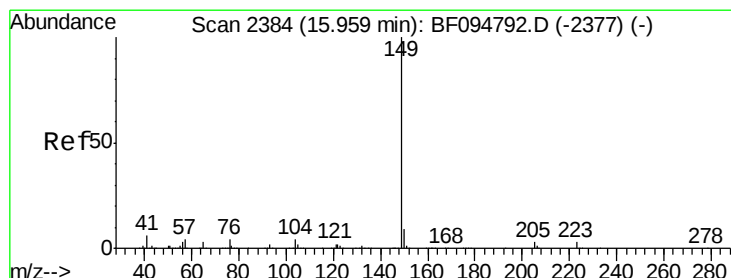
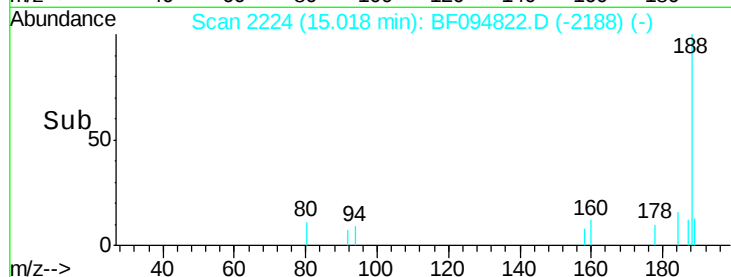
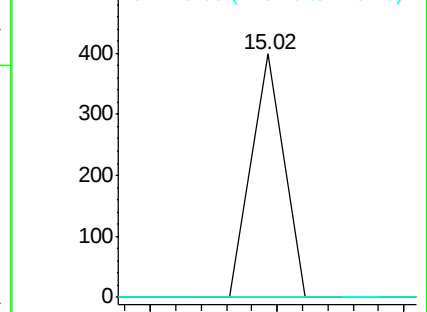
#71
 Anthracene
 Concen: 0.010 ng
 RT: 15.02 min Scan# 2224
 Delta R.T. -0.09 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98658TB

Tgt Ion:178 Resp: 141
 Ion Ratio Lower Upper
 178 100
 176 0.0 15.8 23.8#
 179 0.0 12.7 19.1#

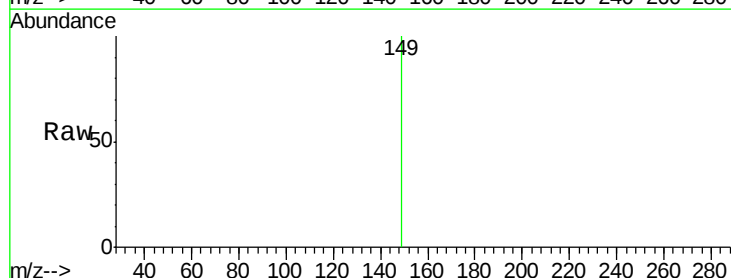


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

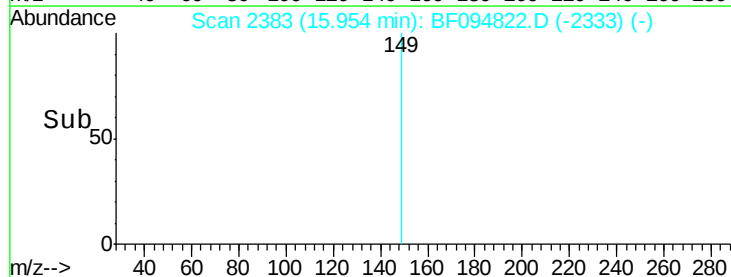
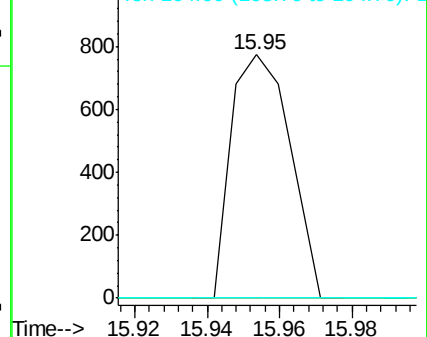


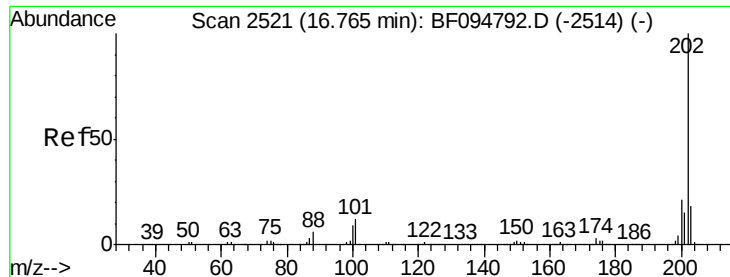
#73
 Di-n-butylphthalate
 Concen: 0.053 ng
 RT: 15.95 min Scan# 2383
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion:149 Resp: 872
 Ion Ratio Lower Upper
 149 100
 150 0.0 7.7 11.5#
 104 0.0 4.0 6.0#



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E

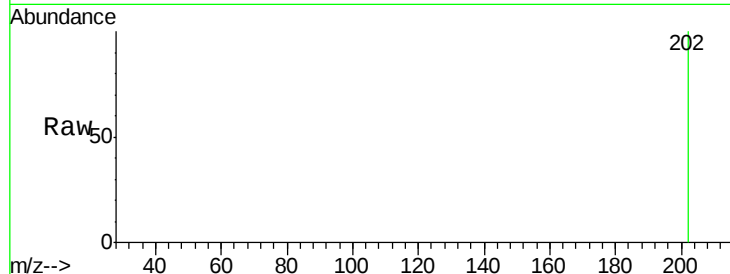




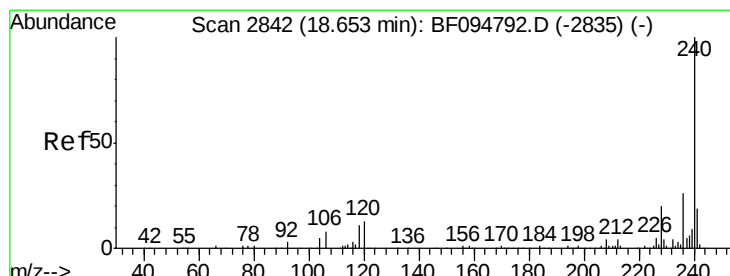
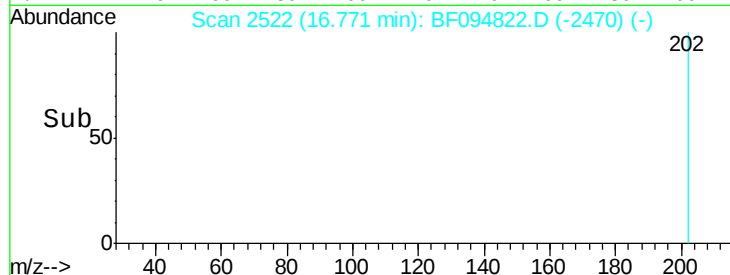
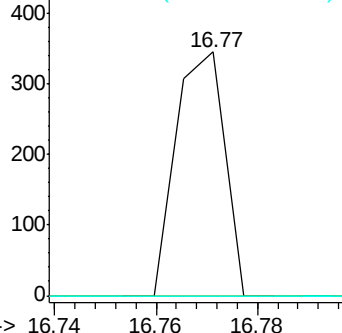
#74
 Fluoranthene
 Concen: 0.016 ng
 RT: 16.77 min Scan# 2522
 Delta R.T. 0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Instrument :
 BNA_F
 ClientSampleId :
 PB98658TB

Tgt Ion	Ratio	Lower	Upper
202	100		
101	0.0	0.0	33.2
203	0.0	0.0	38.1

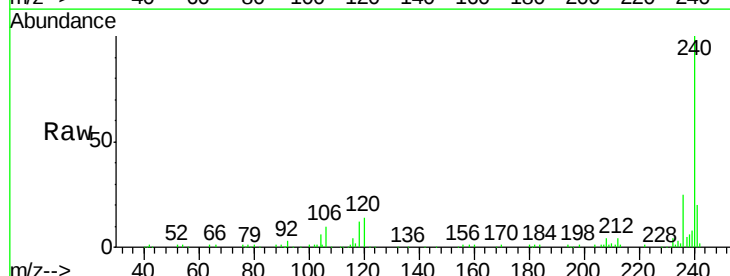


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

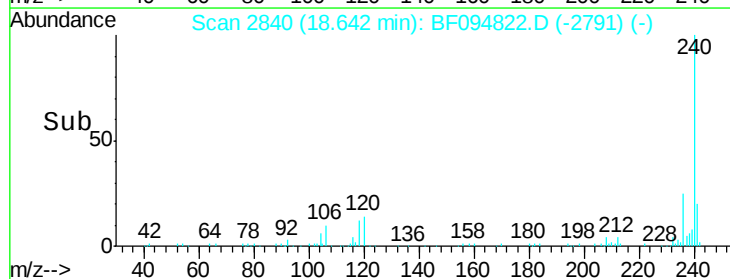
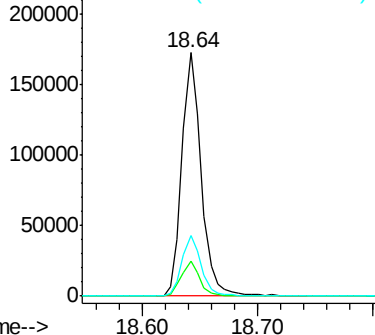


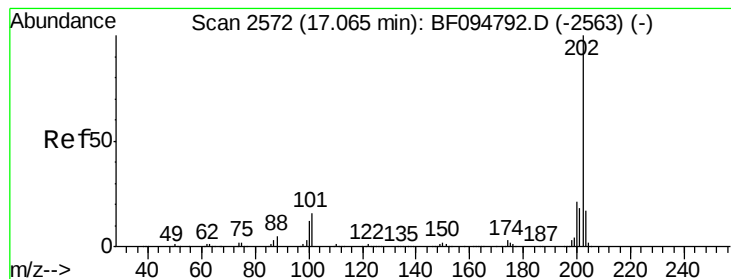
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094822.D
 Acq: 3 May 2017 7:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	24.6	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





#77

Pyrene

Concen: 0.151 ng

RT: 17.31 min Scan# 2613

Delta R.T. 0.24 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

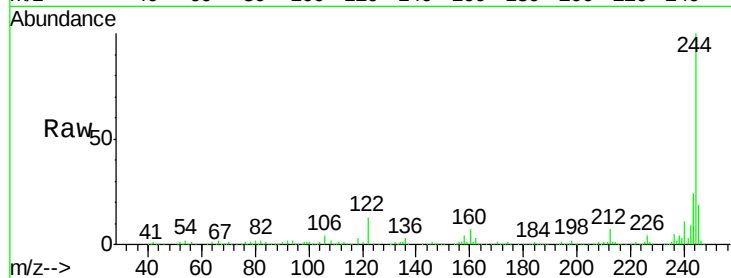
Tgt Ion: 202 Resp: 2267

Ion Ratio Lower Upper

202 100

200 54.1 17.6 26.4#

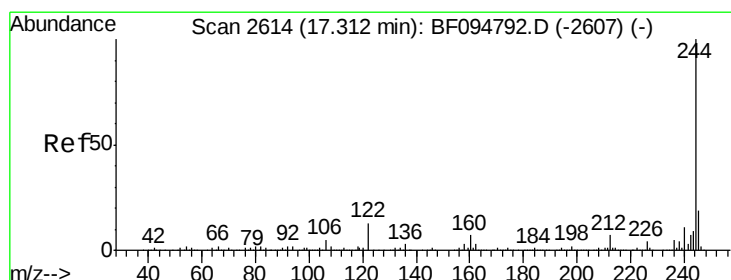
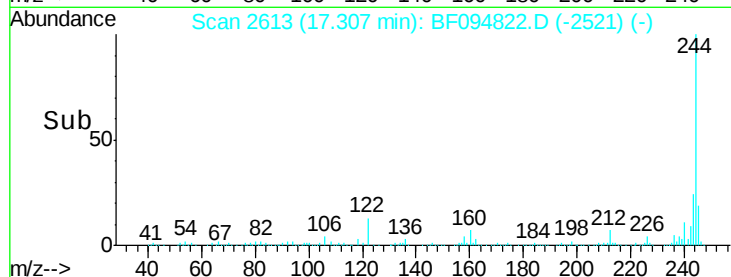
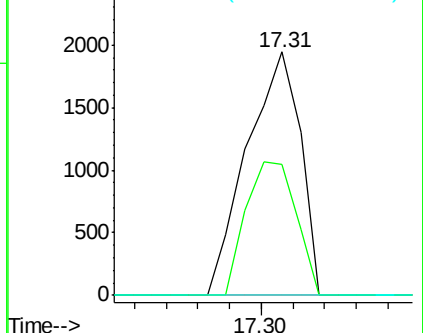
203 0.0 14.4 21.6#



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: 76.450 ng

RT: 17.31 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

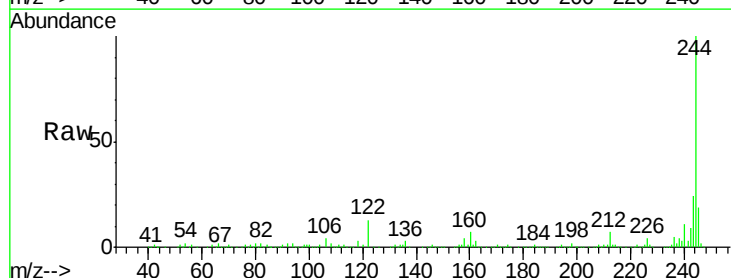
Tgt Ion: 244 Resp: 697822

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

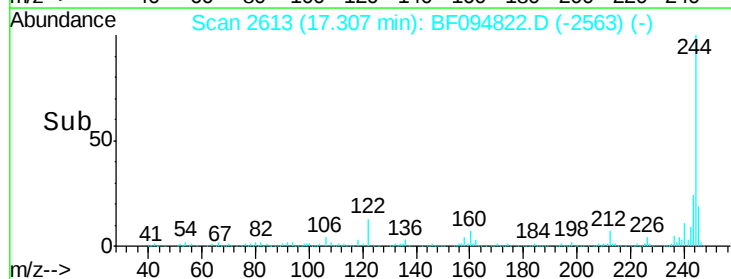
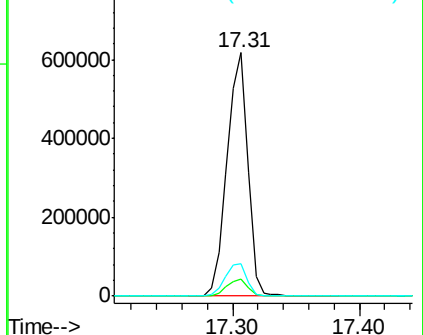
122 13.3 10.3 15.5

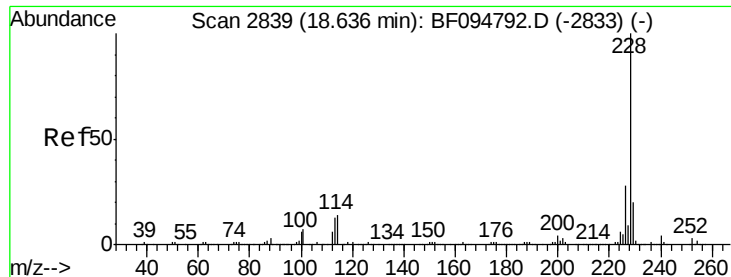


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 0.055 ng

RT: 18.64 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

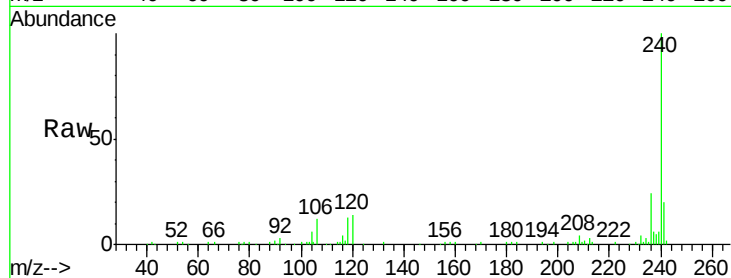
Tgt Ion:228 Resp: 648

Ion Ratio Lower Upper

228 100

226 0.0 22.6 33.8#

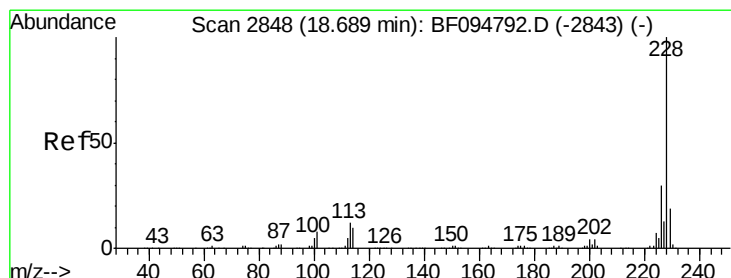
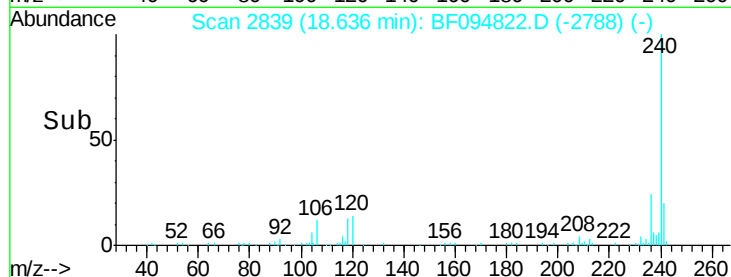
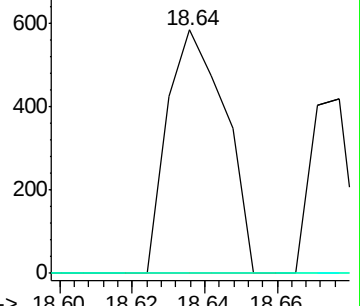
229 0.0 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 0.026 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

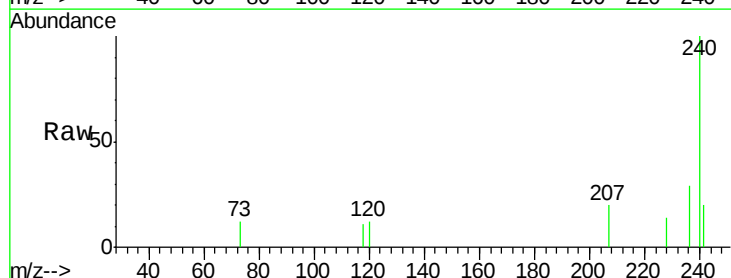
Tgt Ion:228 Resp: 291

Ion Ratio Lower Upper

228 100

226 0.0 24.9 37.3#

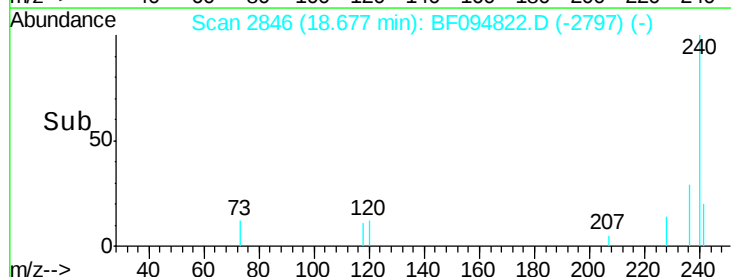
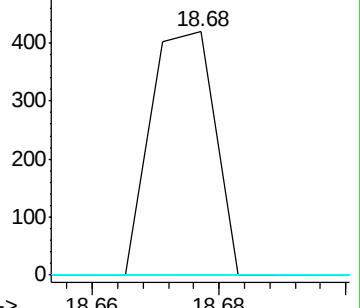
229 0.0 15.8 23.6#

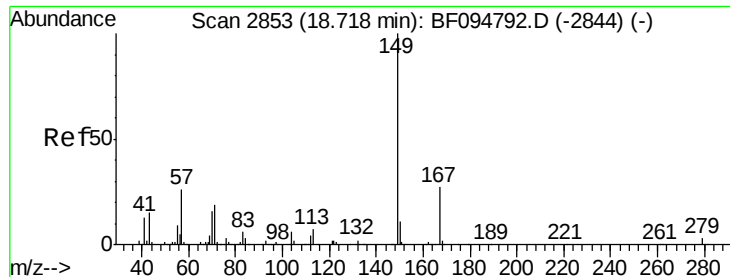


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.049 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

Instrument :

BNA_F

ClientSampleId :

PB98658TB

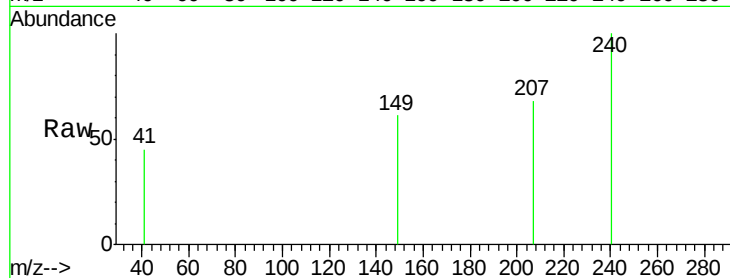
Tgt Ion:149 Resp: 492

Ion Ratio Lower Upper

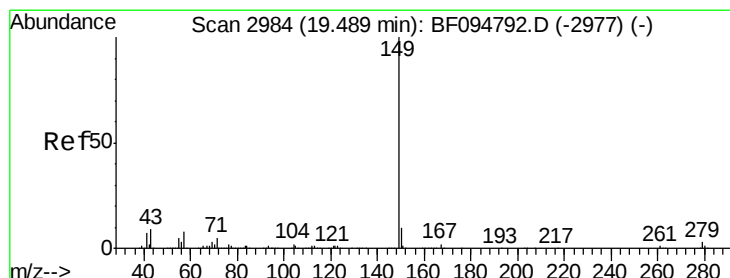
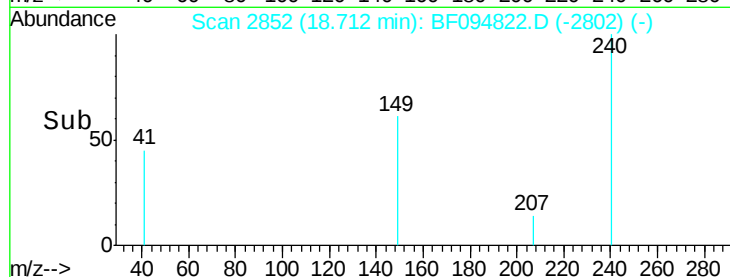
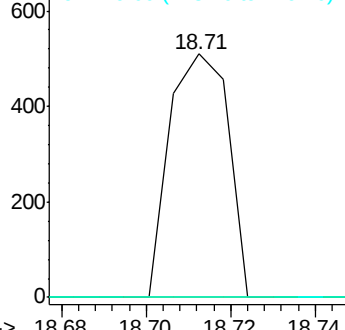
149 100

167 0.0 21.0 31.4#

279 0.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 0.028 ng

RT: 19.48 min Scan# 2982

Delta R.T. -0.01 min

Lab File: BF094822.D

Acq: 3 May 2017 7:48

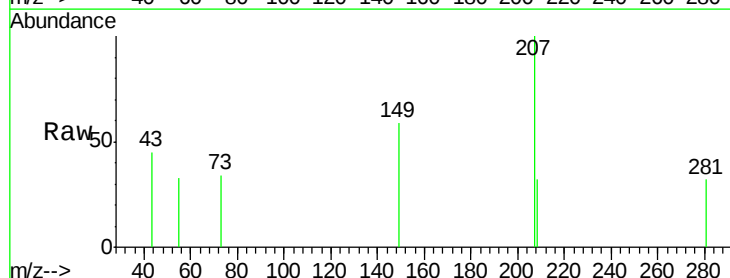
Tgt Ion:149 Resp: 453

Ion Ratio Lower Upper

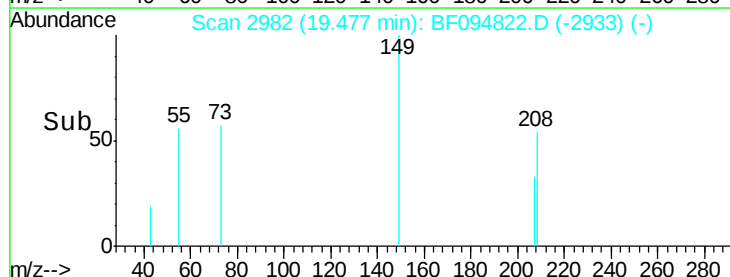
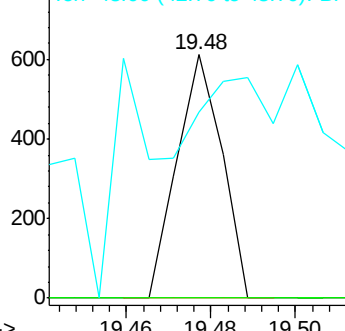
149 100

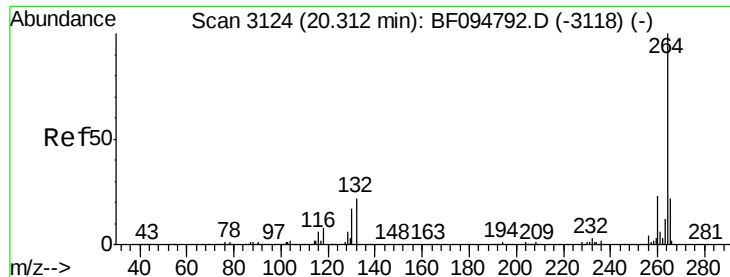
167 0.0 1.2 1.8#

43 101.8 8.5 12.7#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

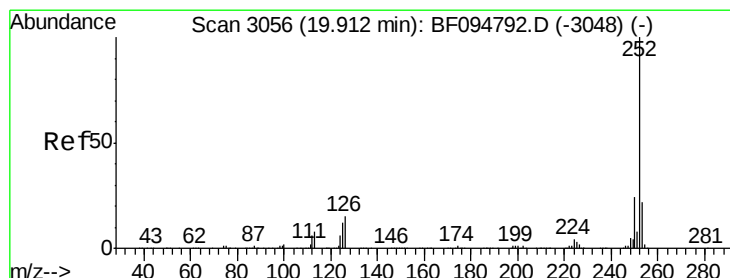
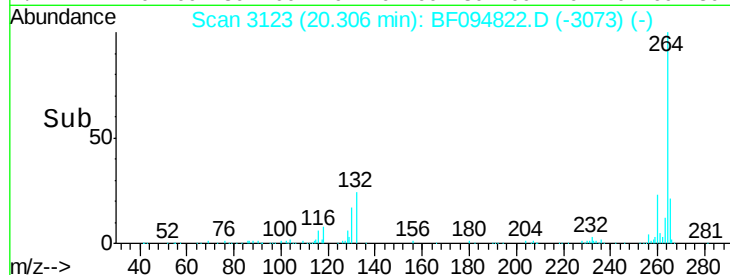
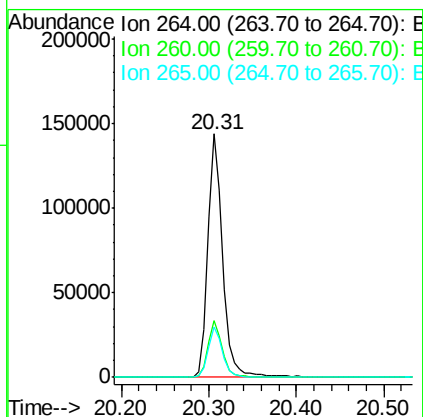
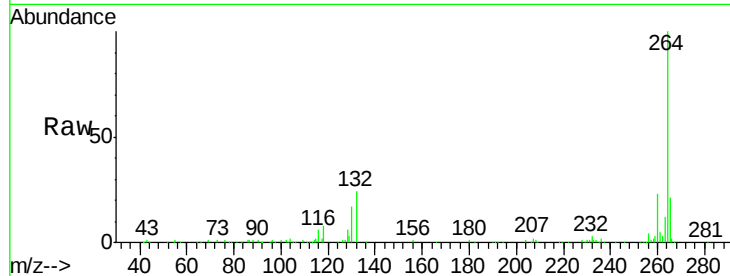




#86
Perylene-d12
Concen: 20.000 ng
RT: 20.31 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

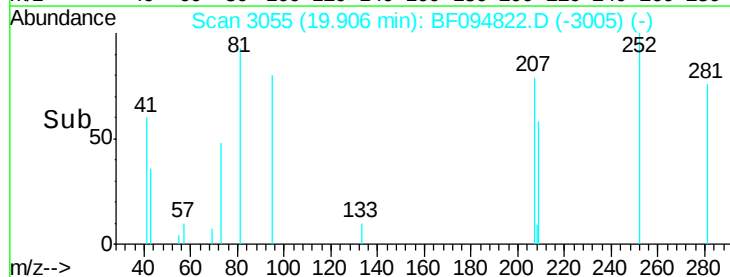
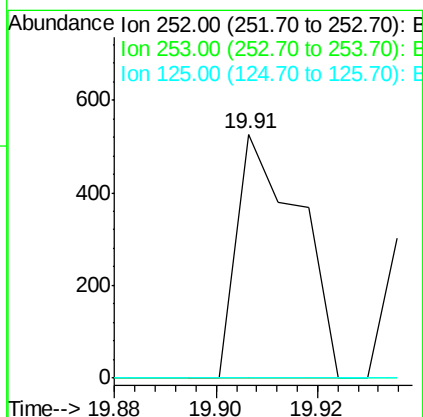
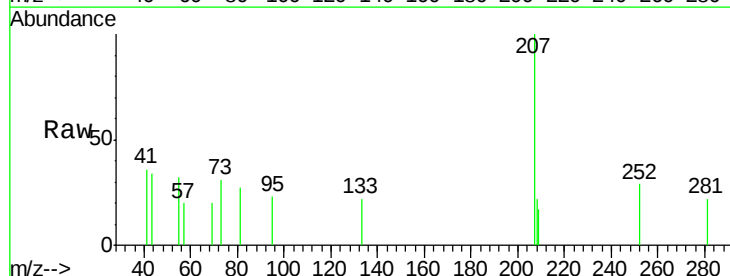
Instrument :
BNA_F
ClientSampleId :
PB98658TB

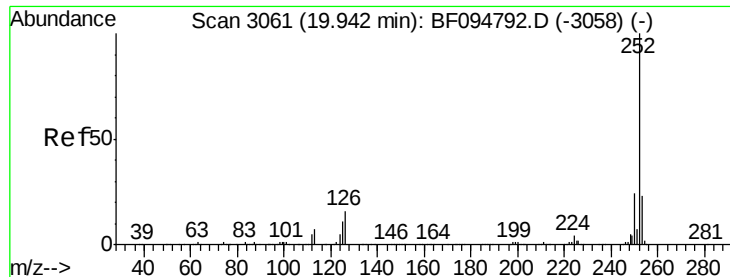
Tgt Ion: 264 Resp: 170184
Ion Ratio Lower Upper
264 100
260 23.2 19.5 29.3
265 20.7 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 0.043 ng
RT: 19.91 min Scan# 3055
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion: 252 Resp: 450
Ion Ratio Lower Upper
252 100
253 0.0 18.1 27.1#
125 0.0 9.8 14.8#

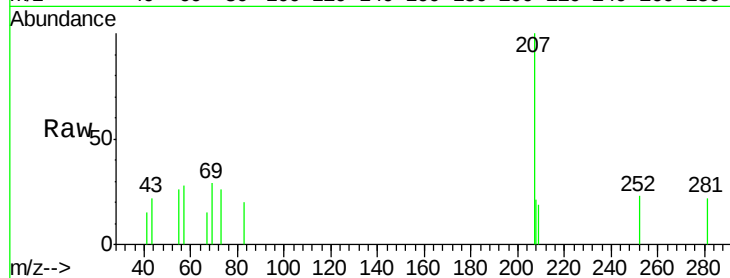




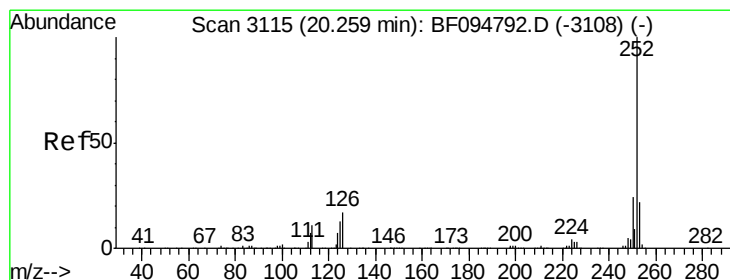
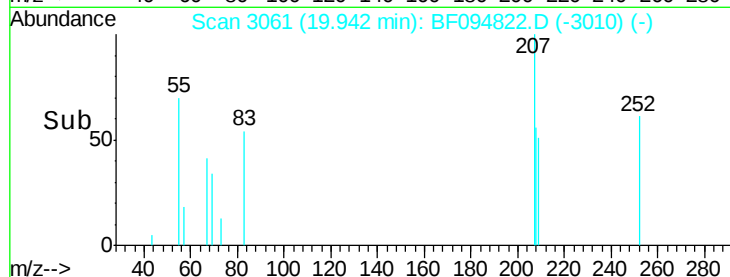
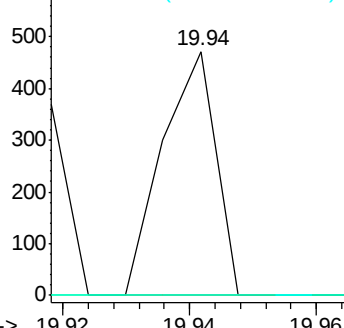
#88
Benzo(k)fluoranthene
Concen: 0.027 ng
RT: 19.94 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Instrument :
BNA_F
ClientSampleId :
PB98658TB

Tgt Ion:252 Resp: 273
Ion Ratio Lower Upper
252 100
253 0.0 18.4 27.6#
125 0.0 13.1 19.7#

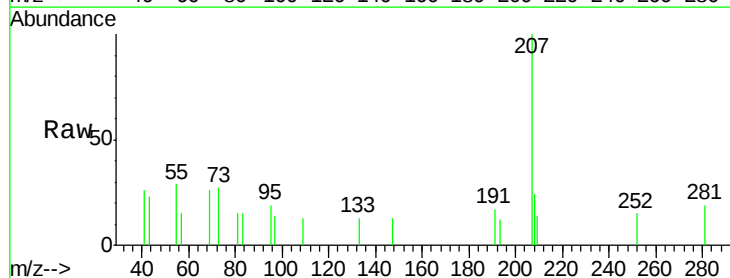


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89
Benzo(a)pyrene
Concen: 0.025 ng
RT: 20.25 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF094822.D
Acq: 3 May 2017 7:48

Tgt Ion:252 Resp: 245
Ion Ratio Lower Upper
252 100
253 0.0 17.5 26.3#
125 0.0 11.0 16.4#



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

