

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099125.D
 Acq On : 6 Oct 2017 1:26
 Operator : SJ/JU
 Sample : I5585-13 20X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 06 02:16:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	106026	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	429113	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	171738	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	243844	20.00	ng	0.00
75) Chrysene-d12	14.02	240	195489	20.00	ng	-0.01
86) Perylene-d12	15.50	264	215820	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	20581	3.09	ng	0.00
7) Phenol-d6	6.48	99	29550	3.60	ng	-0.02
23) Nitrobenzene-d5	7.42	82	16352	2.44	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	575	0.41	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	34204	3.32	ng	-0.01
78) Terphenyl-d14	12.96	244	18750	2.18	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.45	88	225	0.07	ng	# 20
9) Benzaldehyde	6.63	77	479	0.10	ng	# 88
10) Phenol	6.50	94	540	0.06	ng	# 63
15) Benzyl Alcohol	7.02	79	132	0.02	ng	# 1
19) n-Nitroso-di-n-propylamine	7.42	70	1860	0.35	ng	# 77
25) Isophorone	7.42	82	16352	1.18	ng	# 64
31) Naphthalene	8.17	128	433	0.02	ng	# 68
37) 2-Methylnaphthalene	8.86	142	534	0.04	ng	# 79
45) 1,1'-Biphenyl	9.32	154	122	0.01	ng	# 42
48) Acenaphthylene	9.76	152	601	0.04	ng	# 60
49) Dimethylphthalate	9.61	163	3479	0.27	ng	# 91
50) 2,6-Dinitrotoluene	9.90	165	21422	7.59	ng	# 24
51) Acenaphthene	9.90	154	638	0.06	ng	# 4
54) Dibenzofuran	10.10	168	214	0.01	ng	# 45
56) 2,4-Dinitrotoluene	9.90	165	21422	5.85	ng	# 22
65) n-Nitrosodiphenylamine	10.72	169	111	0.01	ng	# 24
70) Phenanthrene	11.41	178	3525	0.27	ng	# 95
71) Anthracene	11.46	178	1049	0.08	ng	# 60
72) Carbazole	11.62	167	257	0.02	ng	# 59
74) Fluoranthene	12.60	202	5142	0.39	ng	# 94
76) Benzidine	12.96	184	185	0.03	ng	# 66
77) Pyrene	12.83	202	5727	0.38	ng	# 94
79) Butylbenzylphthalate	13.50	149	114	0.02	ng	# 63
80) Benzo(a)anthracene	14.01	228	4267	0.36	ng	# 91
82) Chrysene	14.05	228	3901	0.35	ng	# 93
83) Bis(2-ethylhexyl)phthalate	13.99	149	1474	0.15	ng	# 71
84) Di-n-octyl phthalate	14.58	149	3307	0.21	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.97	276	2333	0.26	ng	# 55
87) Benzo(b)fluoranthene	15.06	252	9239	0.70	ng	# 56
88) Benzo(k)fluoranthene	15.06	252	9239	0.70	ng	# 60
89) Benzo(a)pyrene	15.43	252	4039	0.33	ng	# 64
90) Dibenz(a,h)anthracene	16.98	278	591	0.06	ng	# 1
91) Benzo(a,h,i)perylene	17.41	276	2841	0.29	ng	# 66

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QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

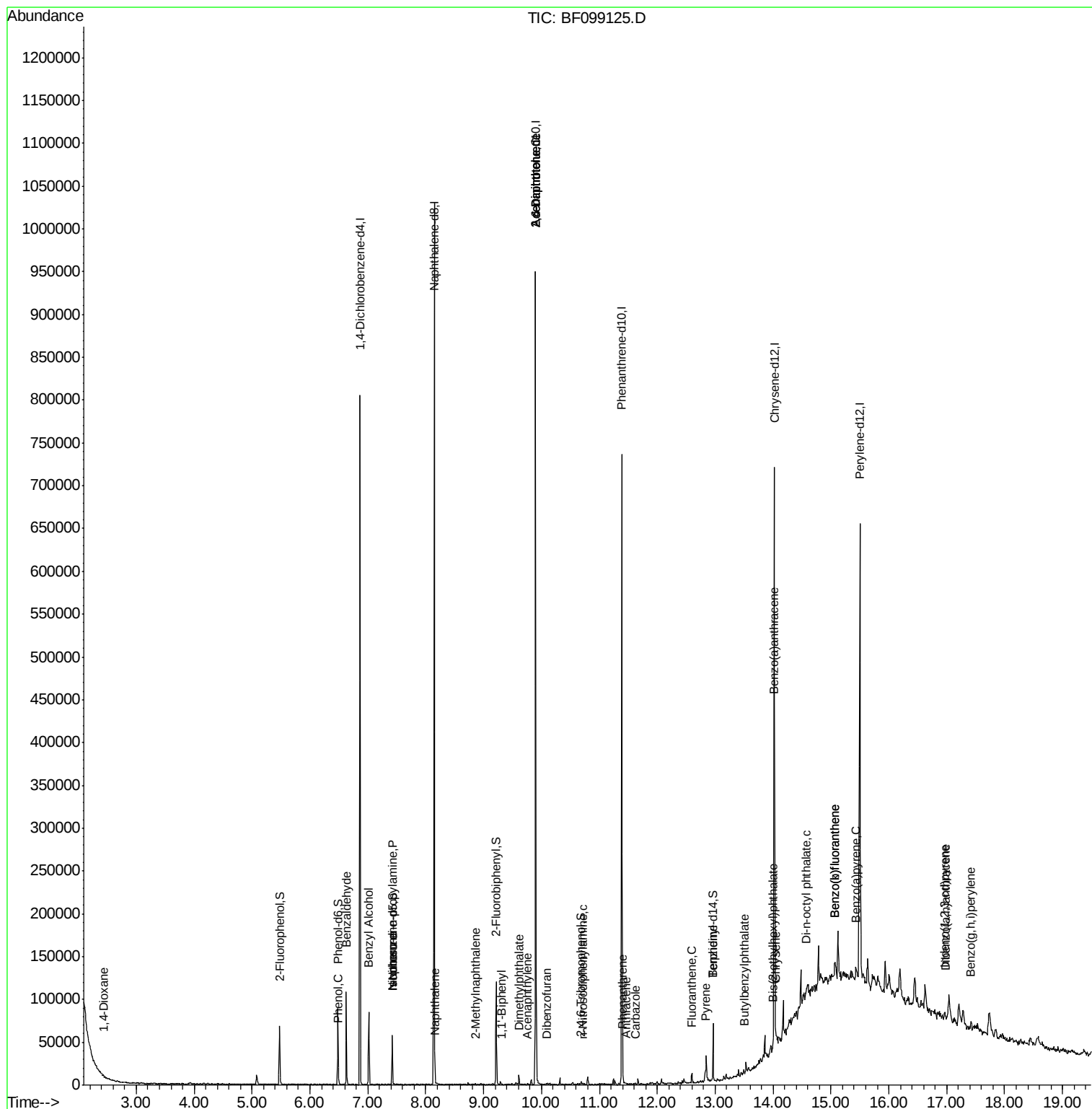
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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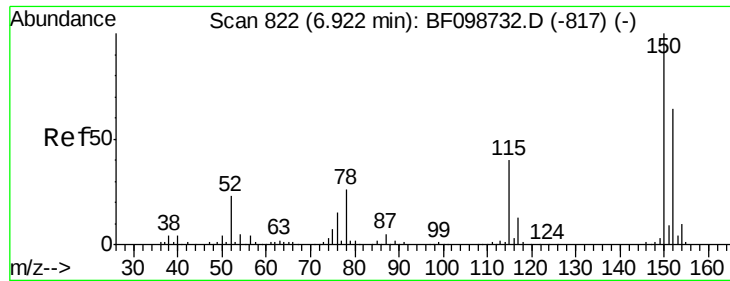
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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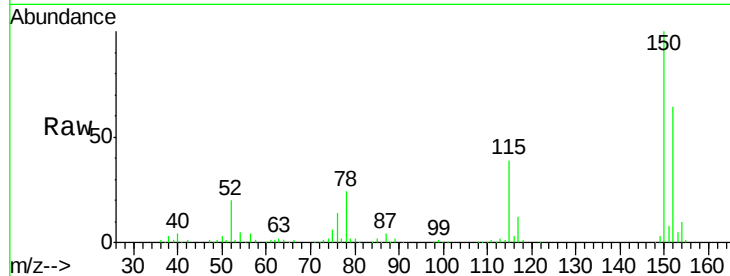


#1

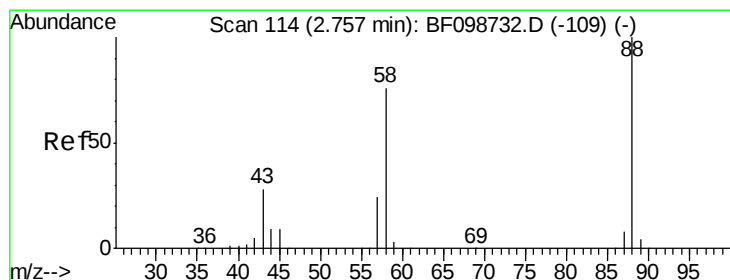
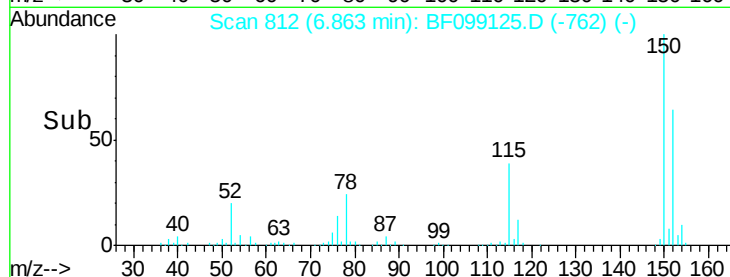
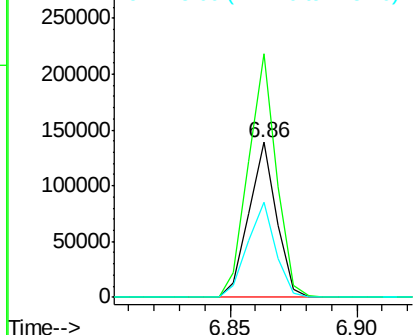
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106026
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 61.3 50.1 75.1



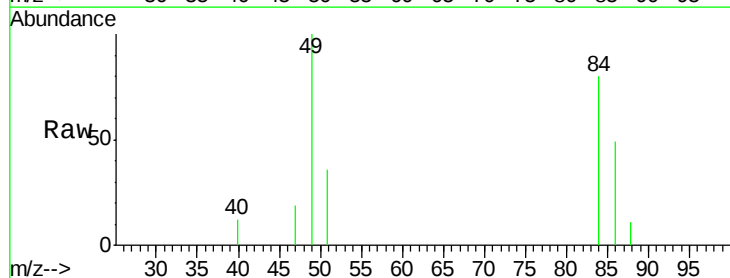
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



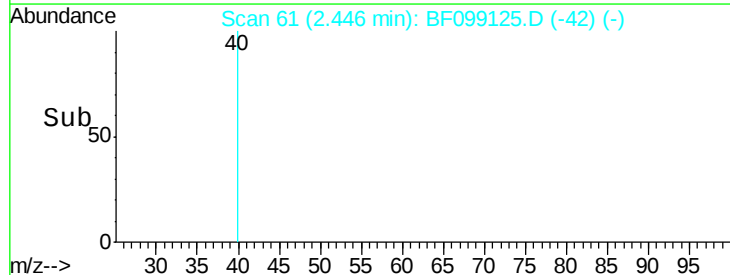
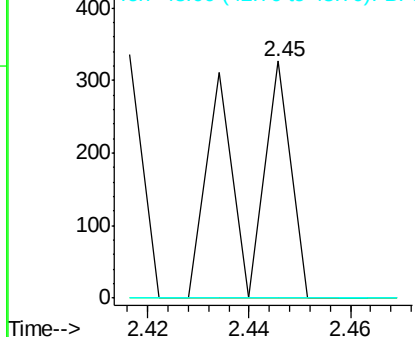
#2

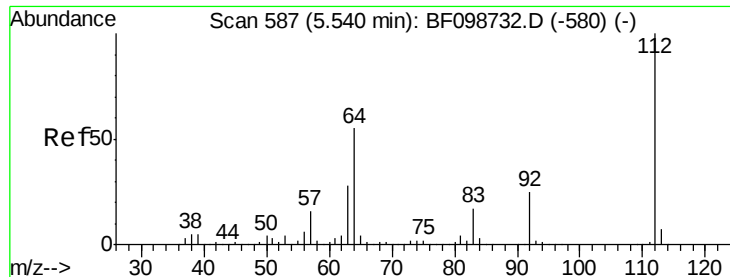
1,4-Dioxane
Concen: 0.07 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.19 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion: 88 Resp: 225
Ion Ratio Lower Upper
88 100
58 0.0 62.6 93.8#
43 0.0 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 3.09 ng

RT: 5.47 min Scan# 576

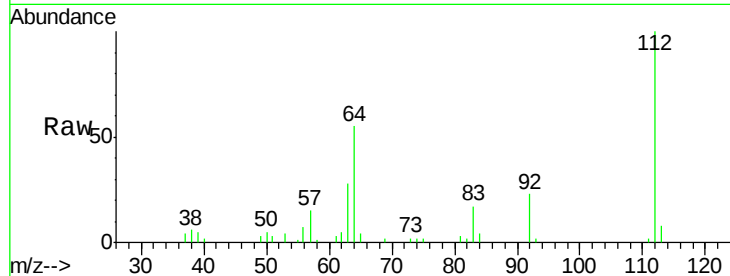
Delta R.T. -0.01 min

Lab File: BF099125.D

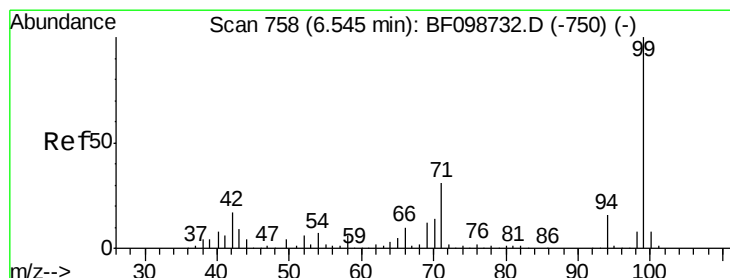
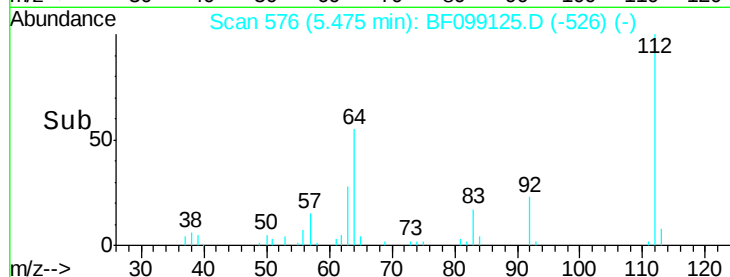
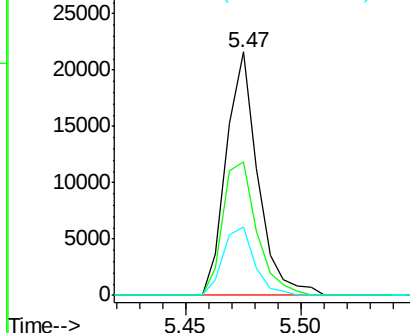
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	20581
Ion	Ratio	Lower	Upper
112	100		
64	54.8	47.9	71.9
63	28.1	23.7	35.5



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: 3.60 ng

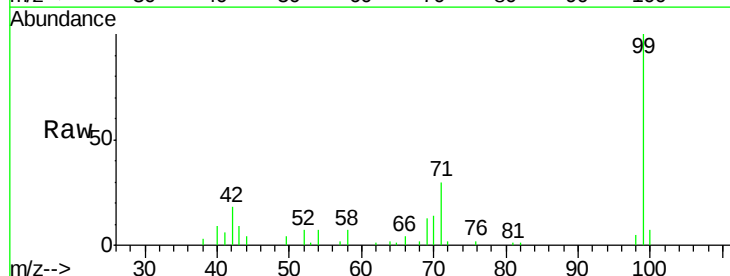
RT: 6.48 min Scan# 747

Delta R.T. -0.02 min

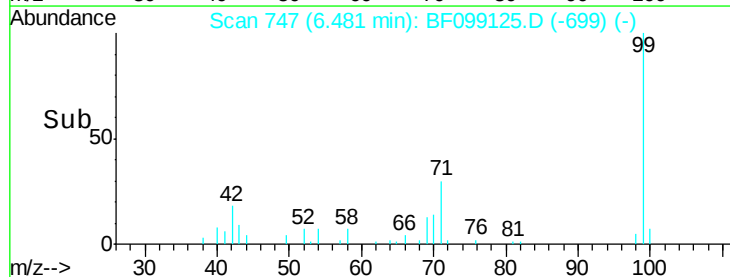
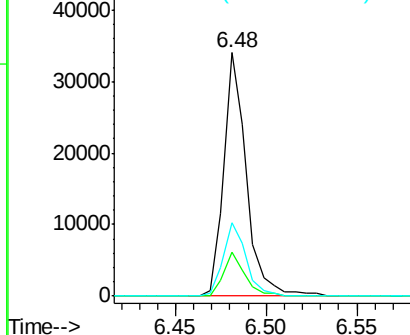
Lab File: BF099125.D

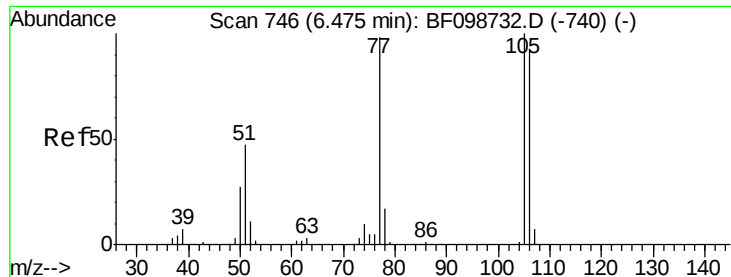
Acq: 6 Oct 2017 1:26

Tgt Ion:	99	Resp:	29550
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	30.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0





#9

Benzaldehyde

Concen: 0.10 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.21 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampled :

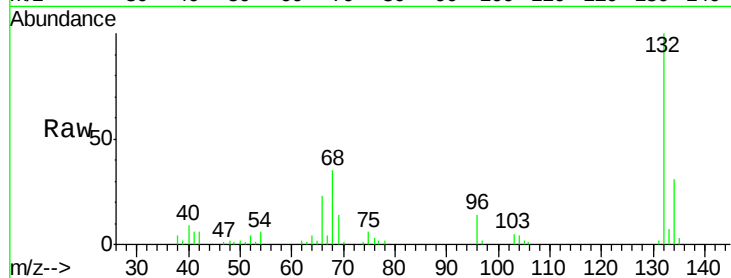
Tot Ion: 77 Resp: 479

Ion Ratio Lower Upper

77 100

105 98.7 81.1 121.1

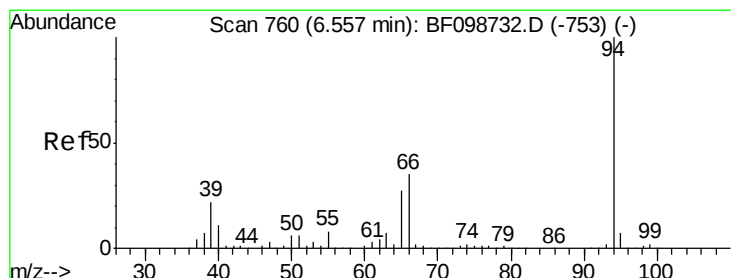
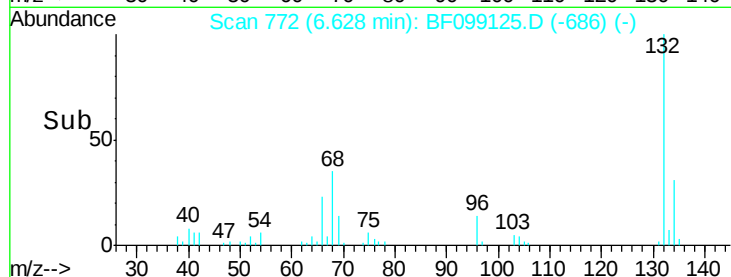
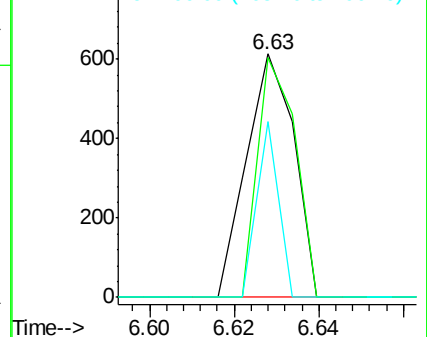
106 72.4 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 0.06 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.02 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

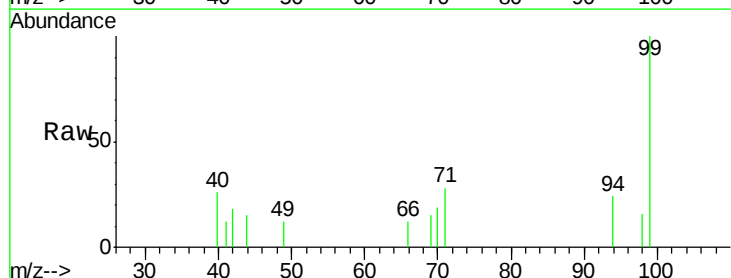
Tgt Ion: 94 Resp: 540

Ion Ratio Lower Upper

94 100

65 0.0 7.9 47.9#

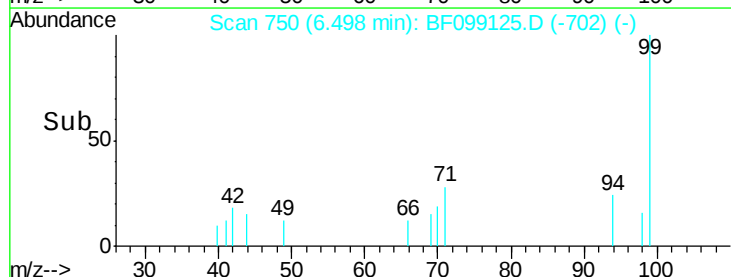
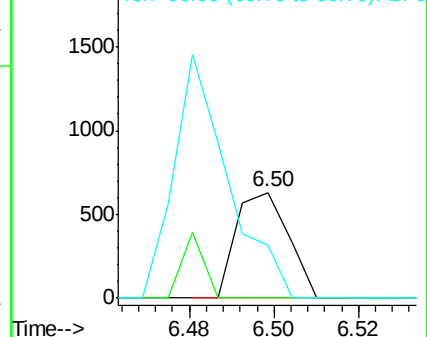
66 50.6 16.2 56.2

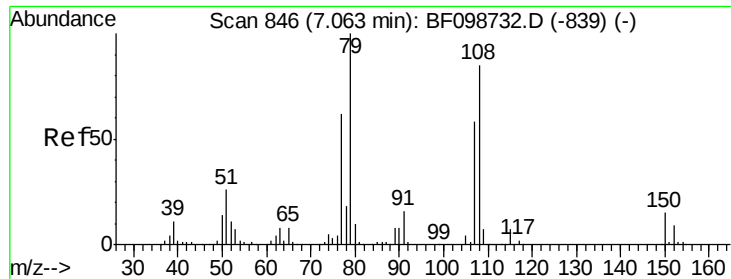


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

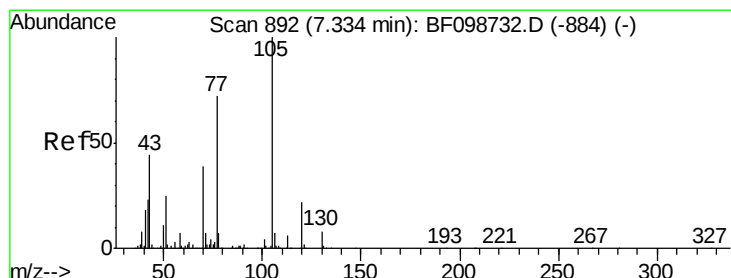
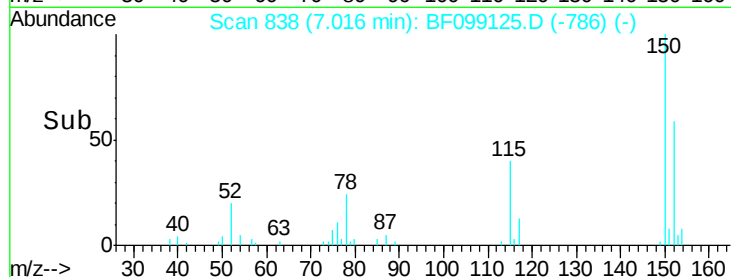
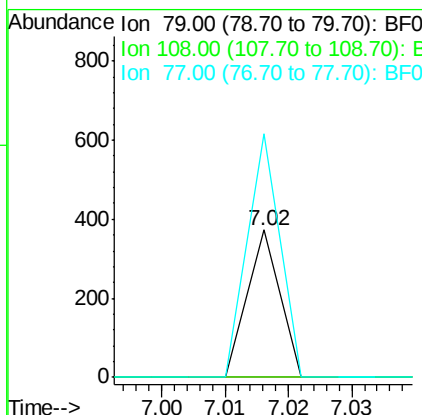
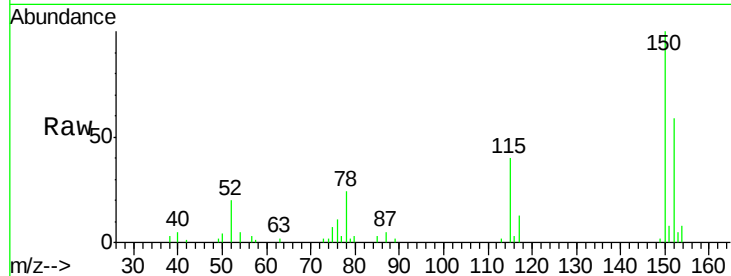




#15
Benzyl Alcohol
Concen: 0.02 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

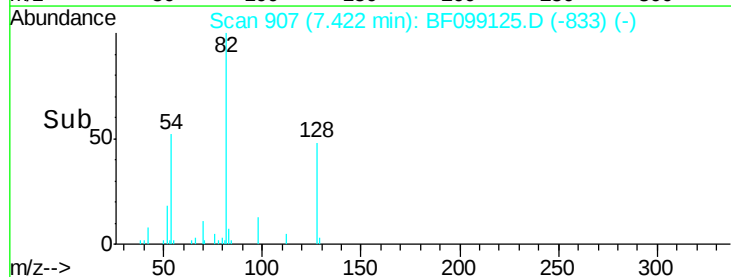
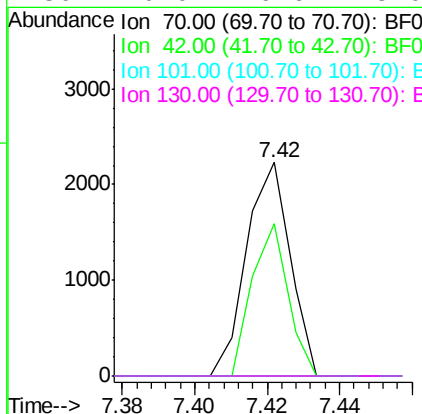
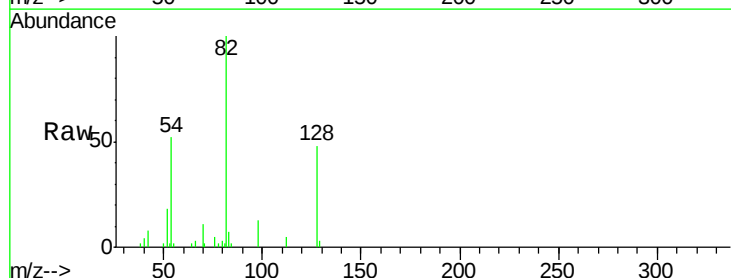
Instrument :
BNA_F
ClientSampleId :

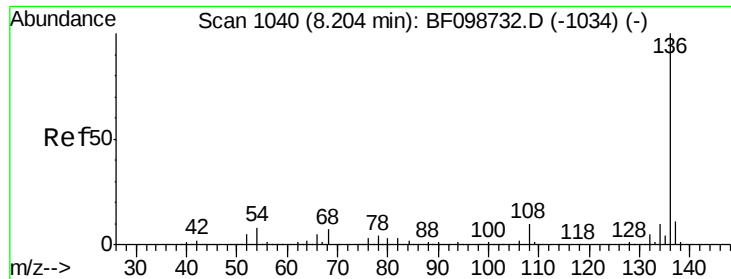
Tot Ion: 79 Resp: 132
Ion Ratio Lower Upper
79 100
108 0.0 65.1 97.7#
77 165.1 50.6 75.8#



#19
n-Nitroso-di-n-propylamine
Concen: 0.35 ng
RT: 7.42 min Scan# 907
Delta R.T. 0.14 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion: 70 Resp: 1860
Ion Ratio Lower Upper
70 100
42 71.2 47.5 71.3
101 0.0 7.4 11.2#
130 0.0 16.6 25.0#

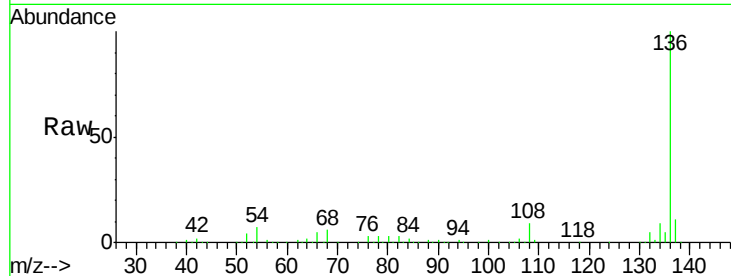




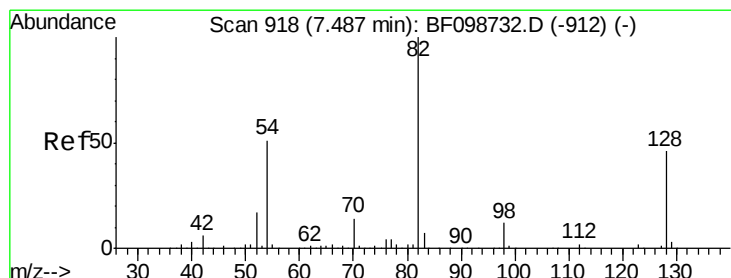
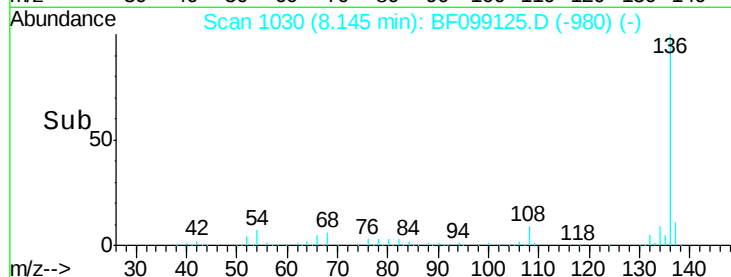
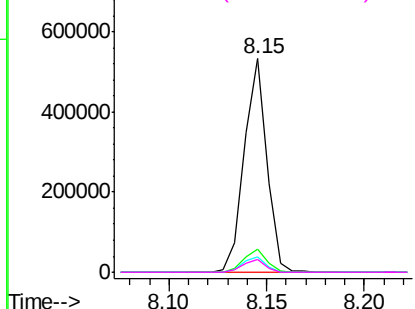
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	429113
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.9 13.3
54	7.3	6.6 9.8
68	5.7	5.0 7.4

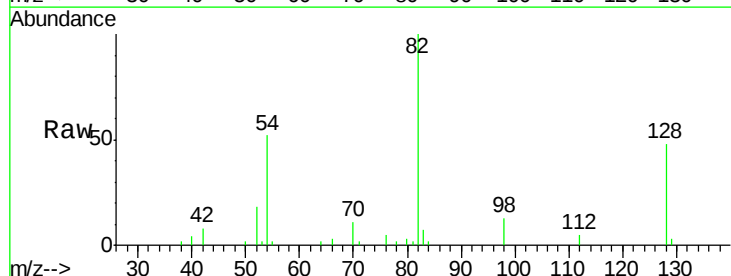


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

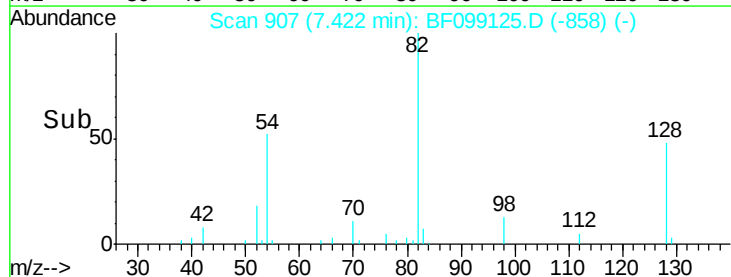
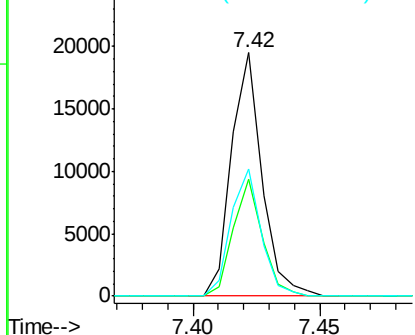


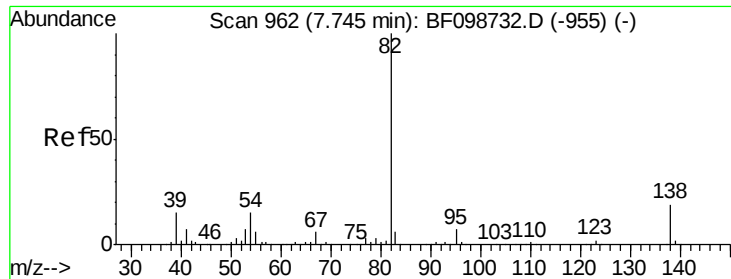
#23
Nitrobenzene-d5
Concen: 2.44 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion: 82	Resp:	16352
Ion Ratio	Lower	Upper
82	100	
128	47.9	36.1 54.1
54	52.2	41.4 62.2



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





#25

Isophorone

Concen: 1.18 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

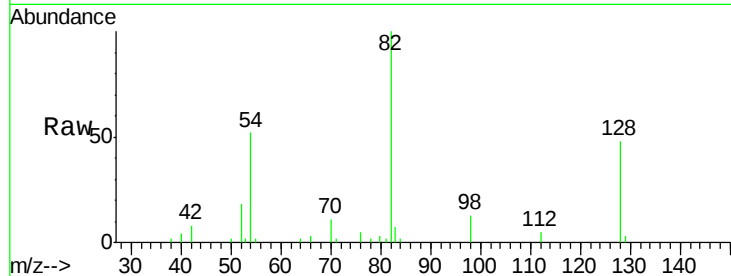
Tot Ion: 82 Resp: 16352

Ion Ratio Lower Upper

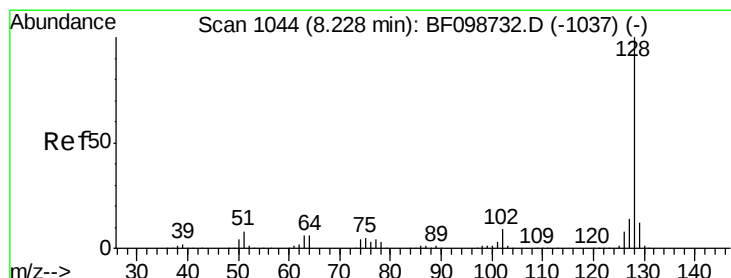
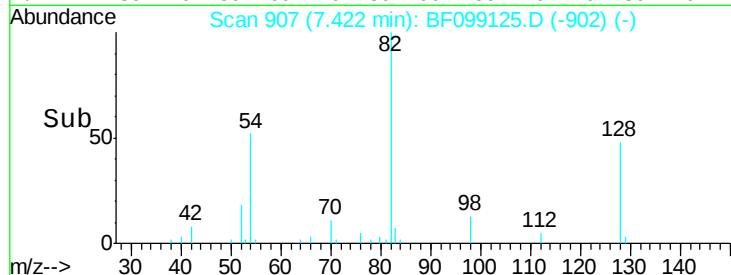
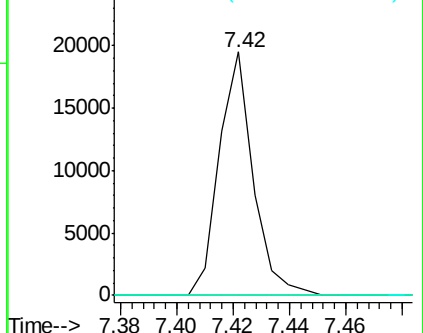
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



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): E



#31

Naphthalene

Concen: 0.02 ng

RT: 8.17 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

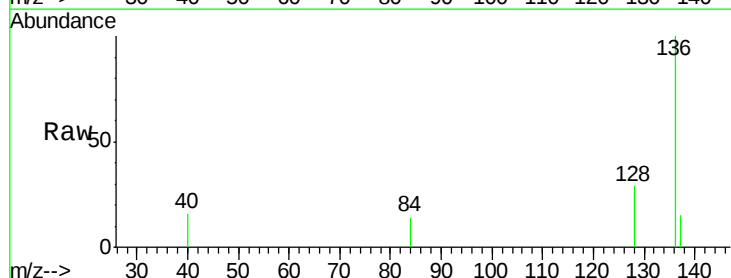
Tgt Ion: 128 Resp: 433

Ion Ratio Lower Upper

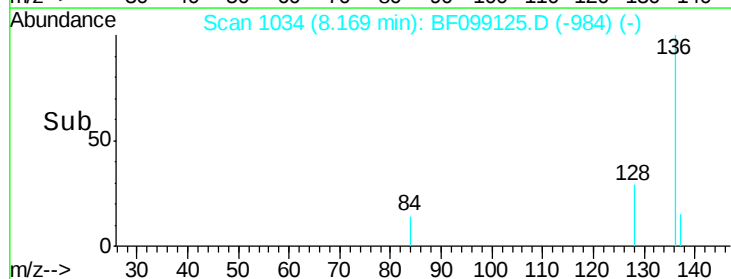
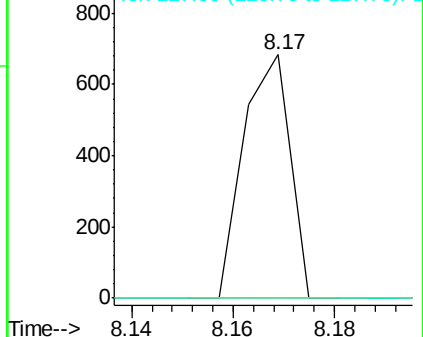
128 100

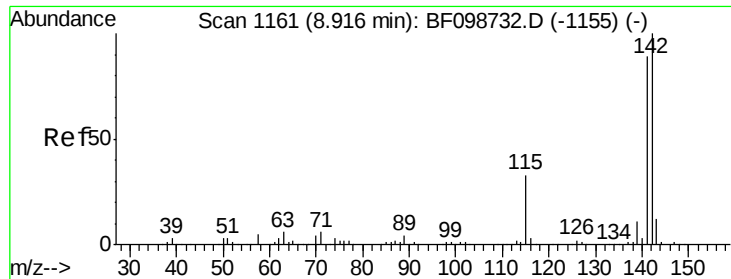
129 0.0 8.8 13.2#

127 0.0 10.9 16.3#



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





#37

2-Methylnaphthalene

Concen: 0.04 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

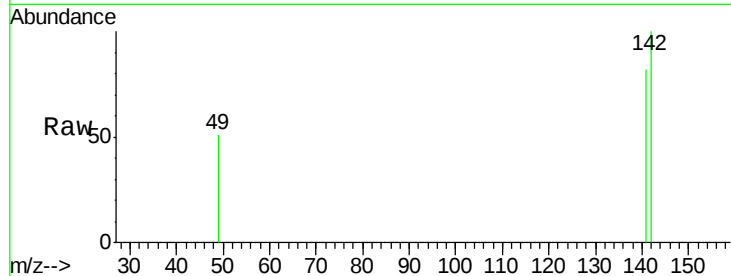
Tot Ion:142 Resp: 534

Ion Ratio Lower Upper

142 100

141 81.9 70.8 106.2

115 0.0 26.1 39.1#

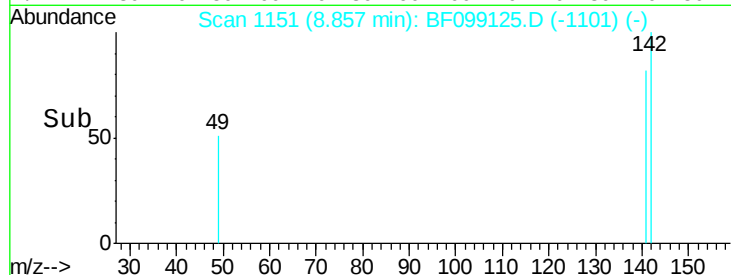


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



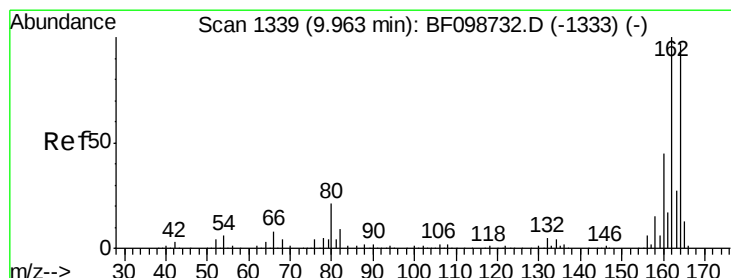
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

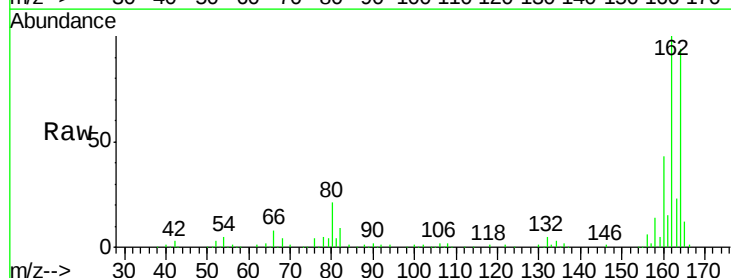
Tgt Ion:164 Resp: 171738

Ion Ratio Lower Upper

164 100

162 106.2 86.1 129.1

160 45.7 38.3 57.5

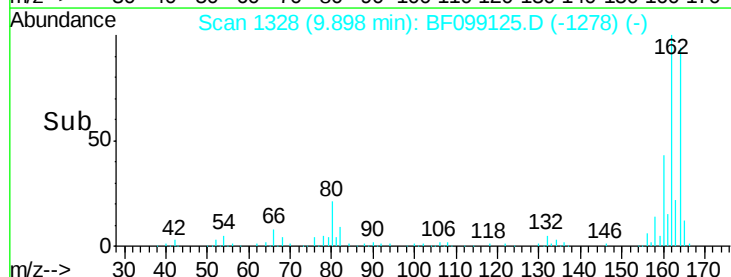


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



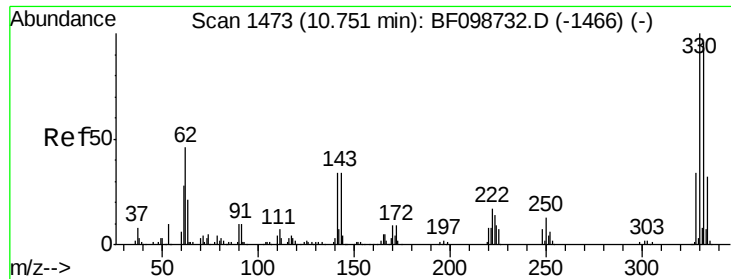
Abundance

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

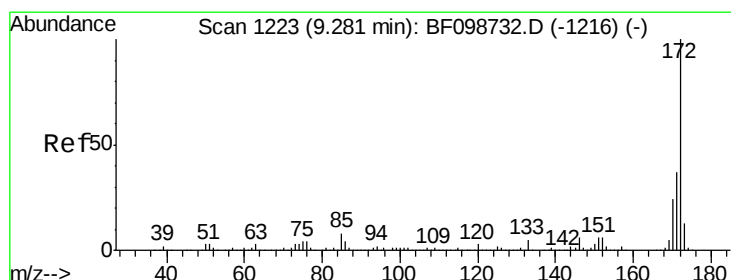
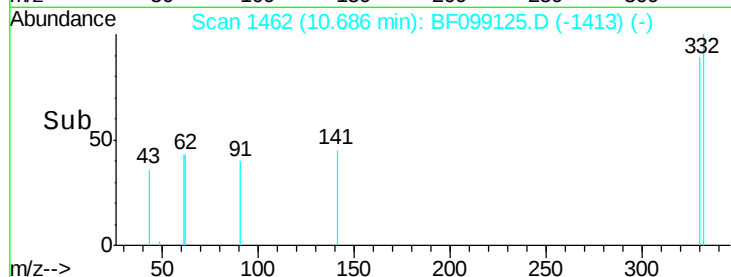
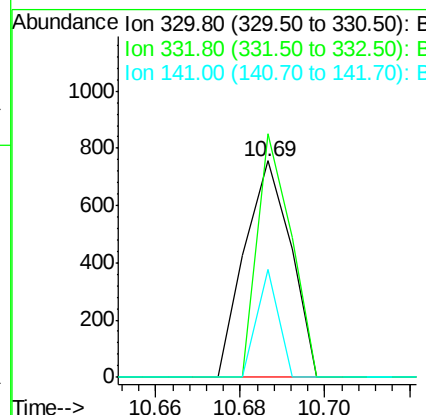
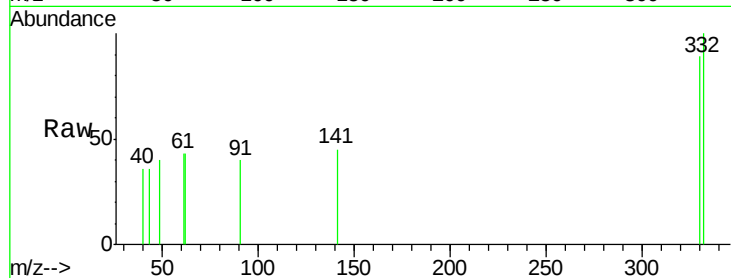
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 0.41 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

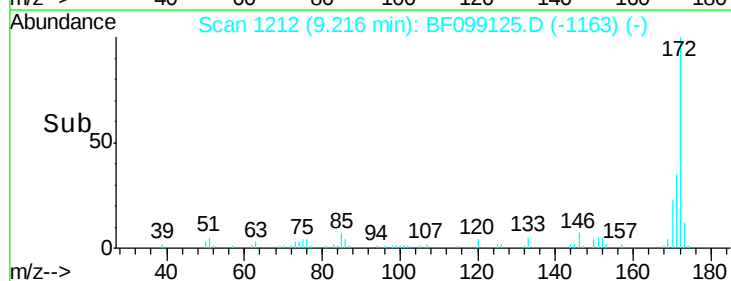
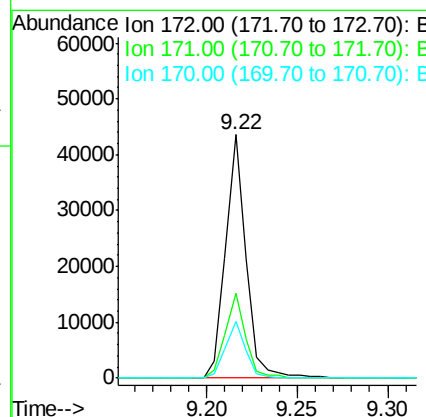
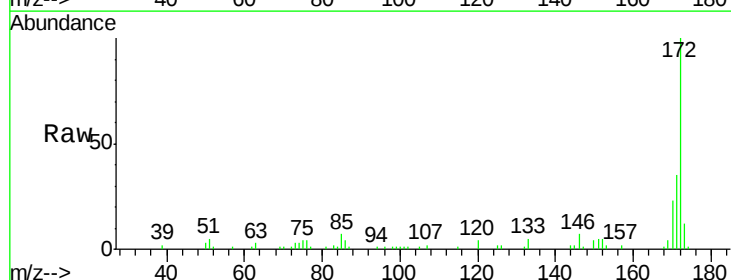
Instrument :
 BNA_F
 ClientSampled :

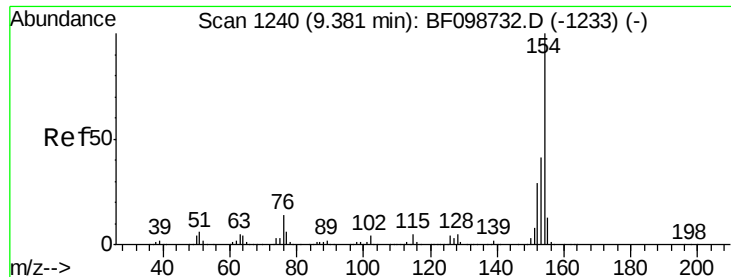
Tot Ion:330 Resp: 575
 Ion Ratio Lower Upper
 330 100
 332 82.1 77.0 115.6
 141 23.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 3.32 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:172 Resp: 34204
 Ion Ratio Lower Upper
 172 100
 171 34.9 29.7 44.5
 170 23.3 19.6 29.4





#45

1,1'-Biphenyl

Concen: 0.01 ng

RT: 9.32 min Scan# 1230

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

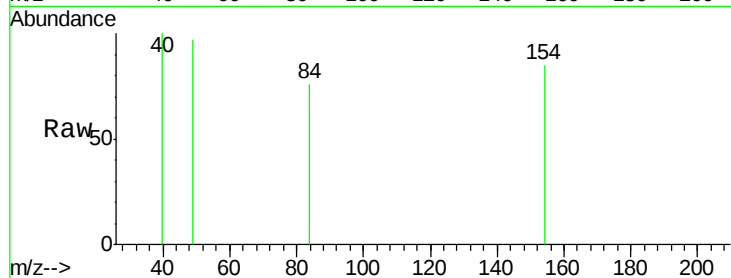
Tot Ion:154 Resp: 122

Ion Ratio Lower Upper

154 100

153 0.0 21.3 61.3#

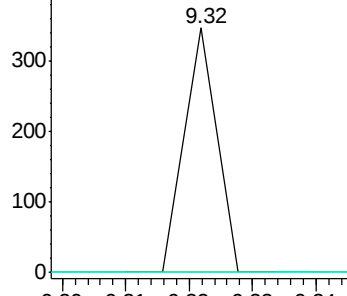
76 0.0 0.0 34.0



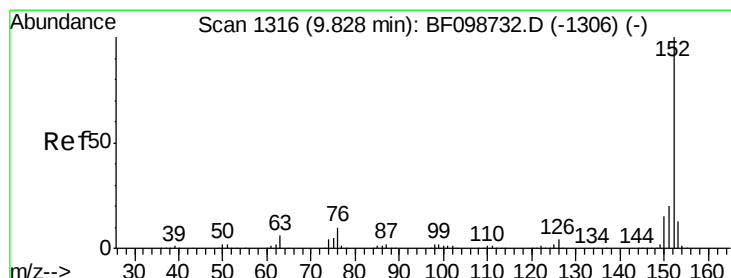
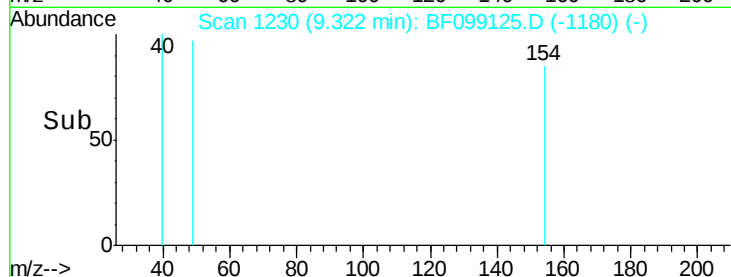
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time--> 9.30 9.31 9.32 9.33 9.34



#48

Acenaphthylene

Concen: 0.04 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

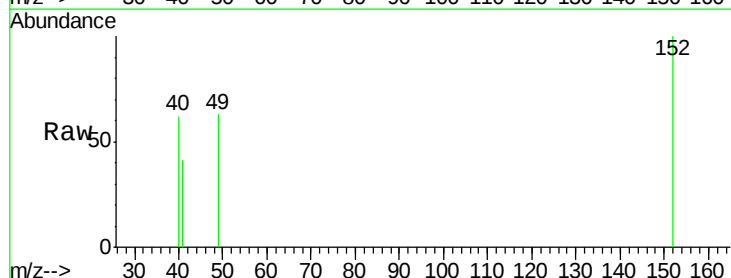
Tgt Ion:152 Resp: 601

Ion Ratio Lower Upper

152 100

151 0.0 16.3 24.5#

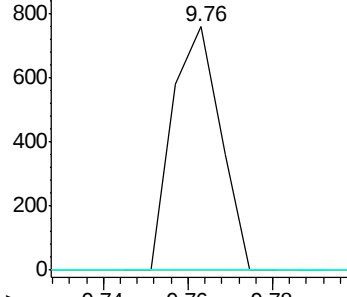
153 0.0 10.7 16.1#



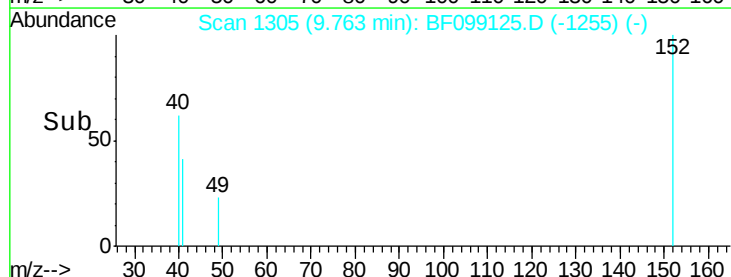
Abundance Ion 152.00 (151.70 to 152.70): E

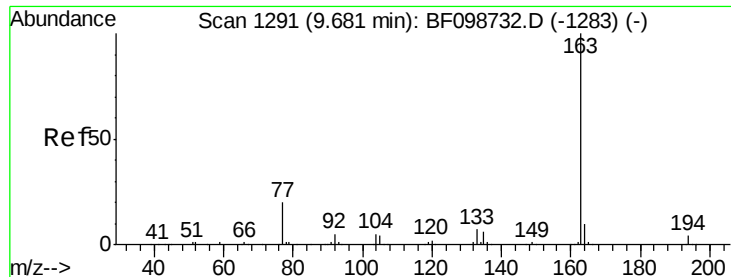
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 9.74 9.76 9.78

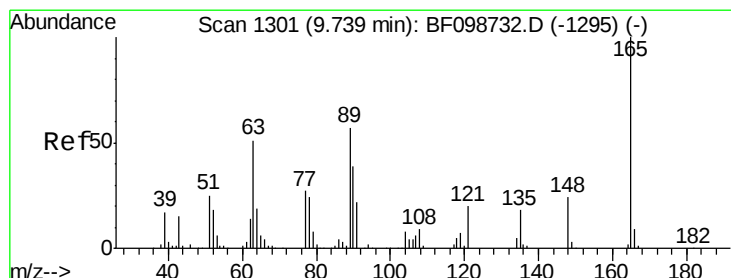
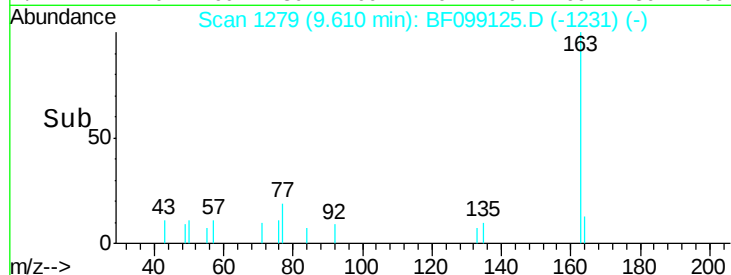
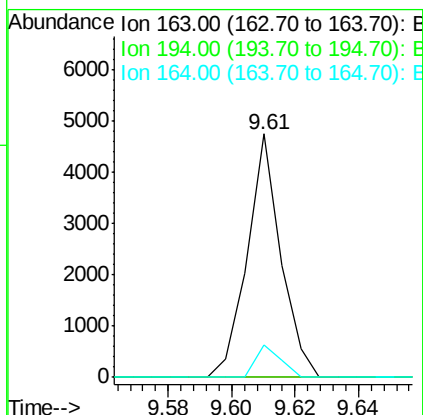
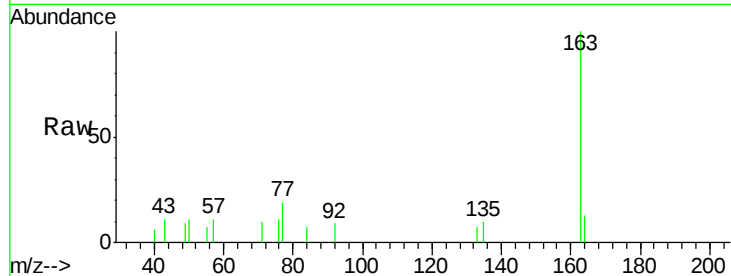




#49
Dimethylphthalate
Concen: 0.27 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.02 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

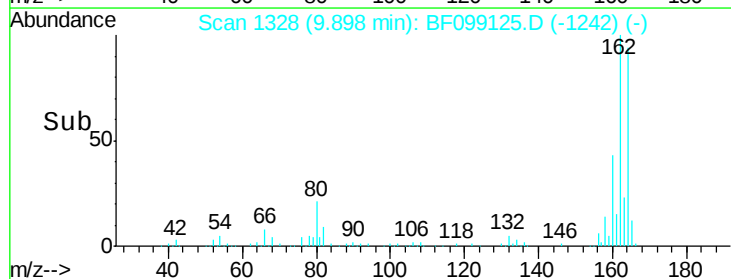
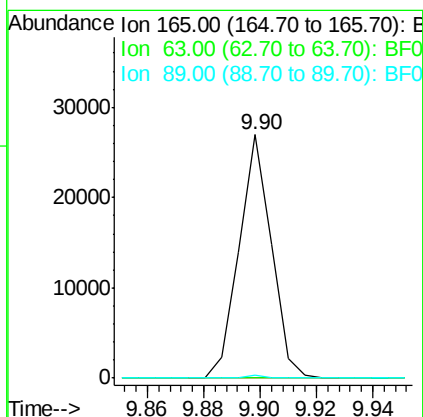
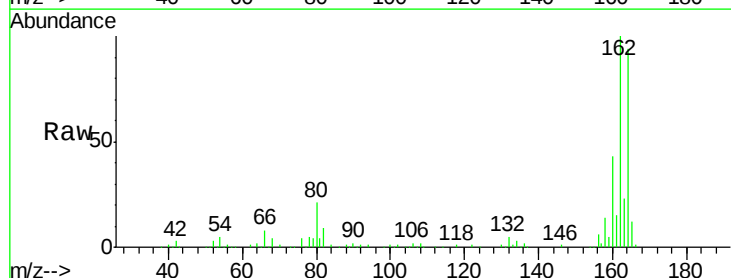
Instrument :
BNA_F
ClientSampleId :

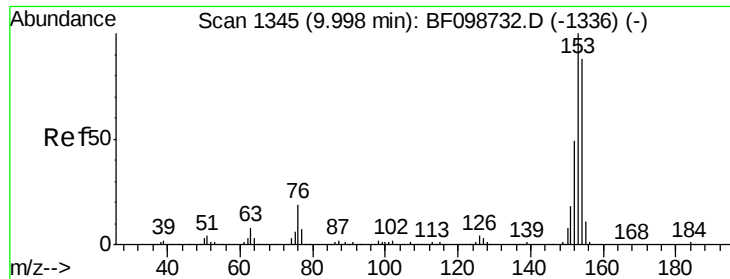
Tot Ion:163 Resp: 3479
Ion Ratio Lower Upper
163 100
194 0.0 2.7 4.1#
164 13.4 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion:165 Resp: 21422
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.1 44.0 66.0#





#51

Acenaphthene

Concen: 0.06 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.05 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

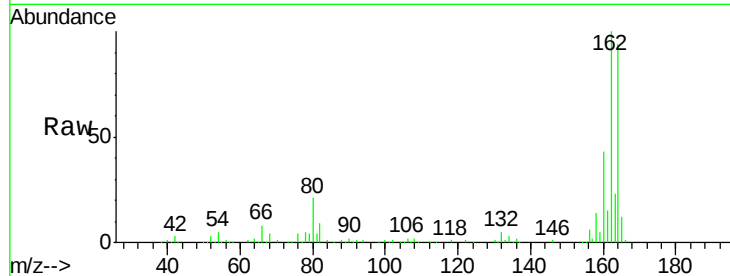
Tot Ion:154 Resp: 638

Ion Ratio Lower Upper

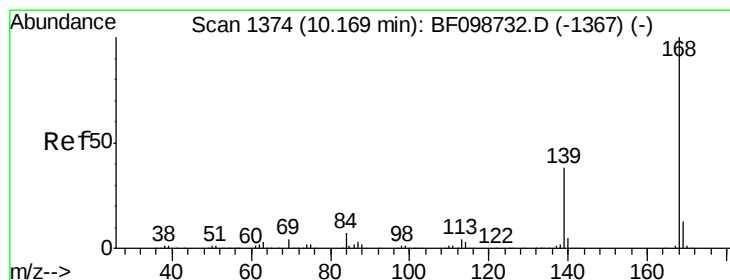
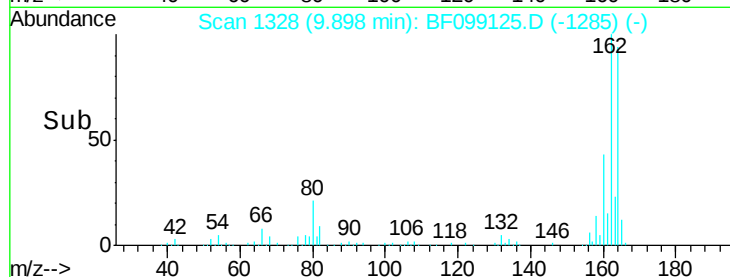
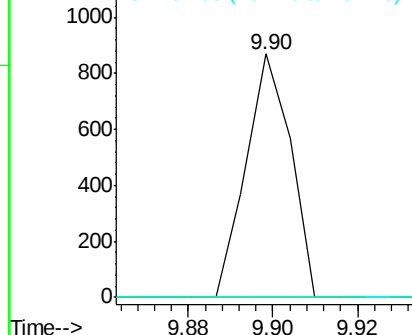
154 100

153 0.0 91.2 136.8#

152 0.0 43.8 65.8#



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



#54

Dibenzofuran

Concen: 0.01 ng

RT: 10.10 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

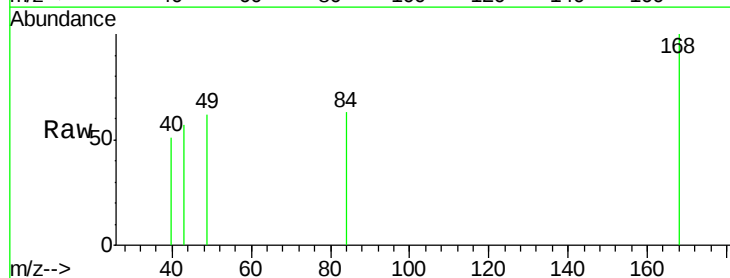
Tgt Ion:168 Resp: 214

Ion Ratio Lower Upper

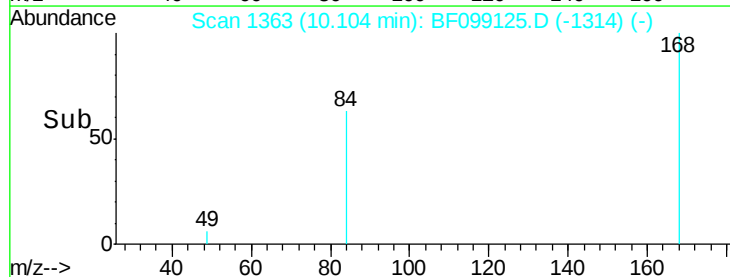
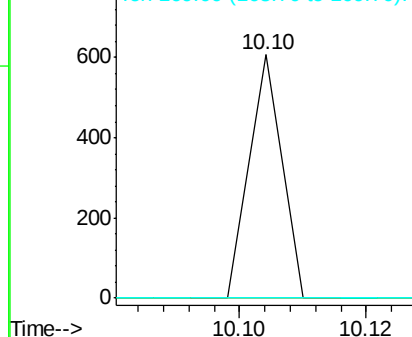
168 100

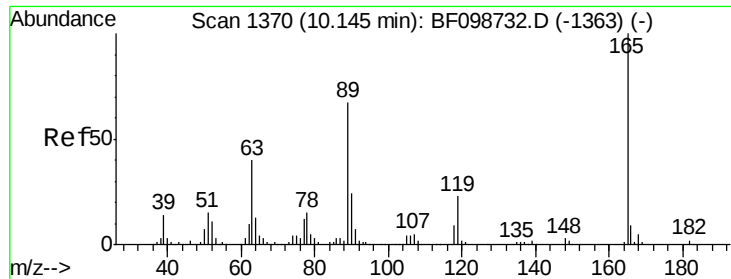
139 0.0 30.1 45.1#

169 0.0 10.9 16.3#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

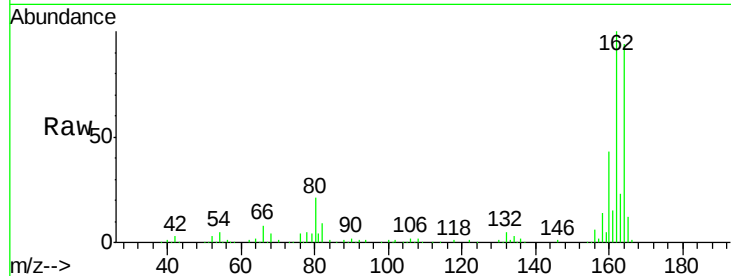




#56
 2,4-Dinitrotoluene
 Concen: 5.85 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.20 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165	Resp:	21422
Ion Ratio	Lower	Upper
165	100	
63	0.0	36.4 54.6#
89	1.1	57.8 86.6#
182	0.0	1.6 2.4#

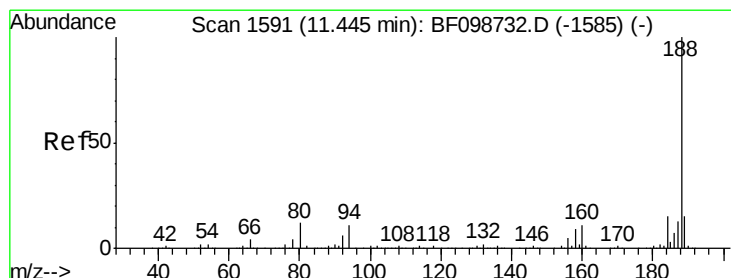
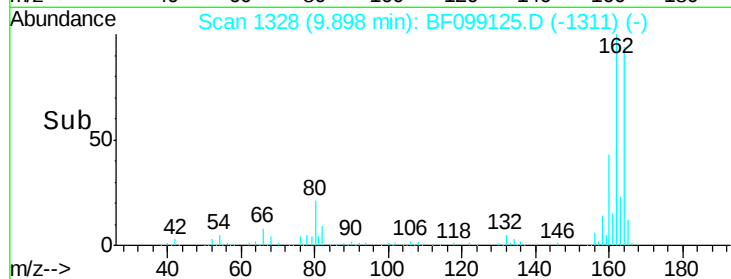
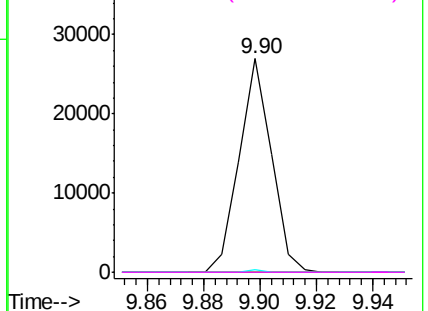


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

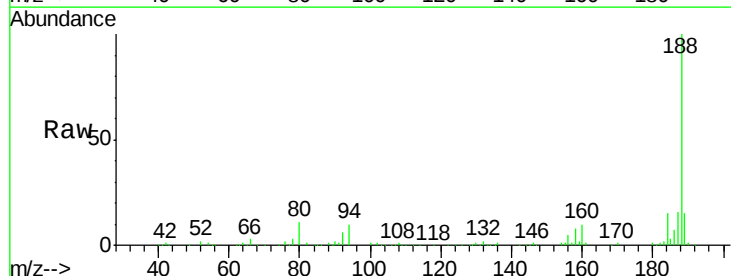
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

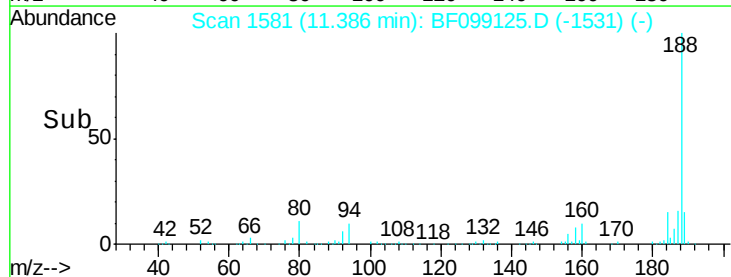
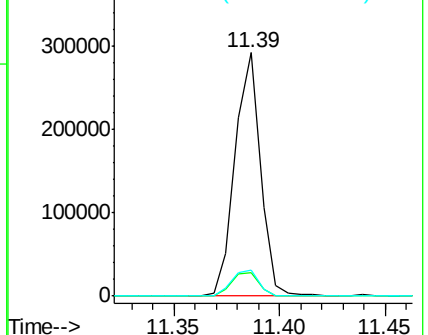
Tgt Ion:188	Resp:	243844
Ion Ratio	Lower	Upper
188	100	
94	9.8	8.5 12.7
80	10.9	9.2 13.8

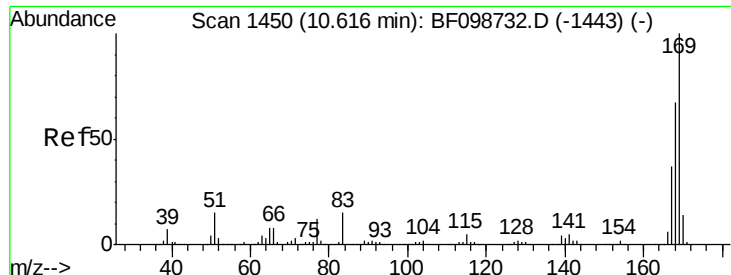


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

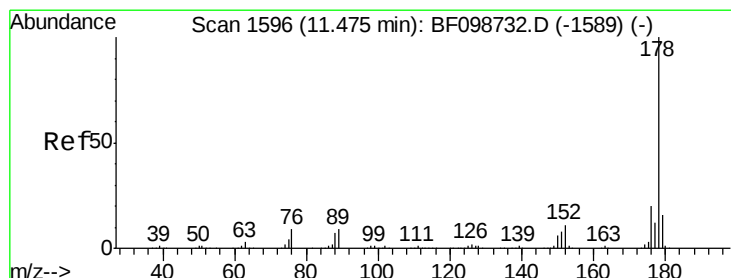
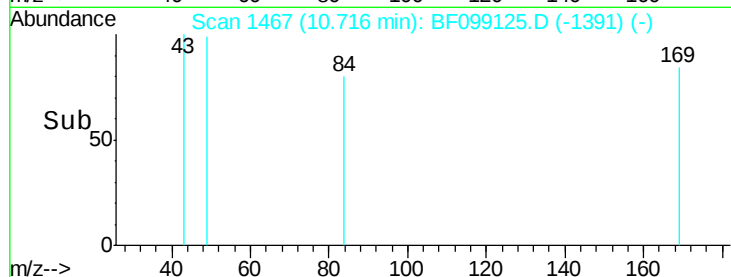
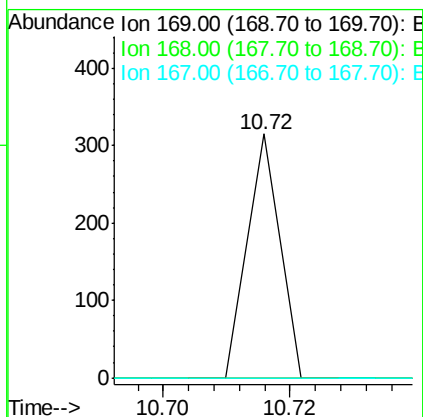
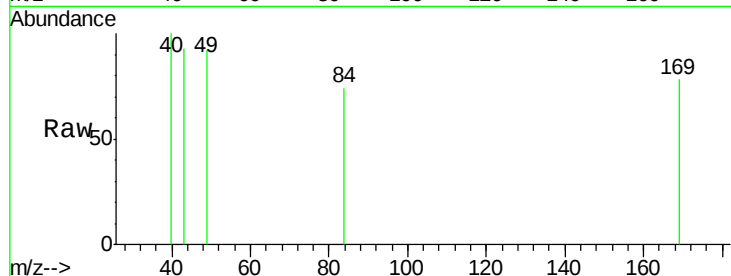




#65
 n-Nitrosodiphenylamine
 Concen: 0.01 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.15 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

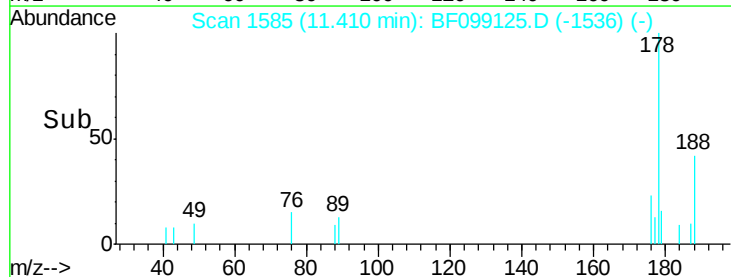
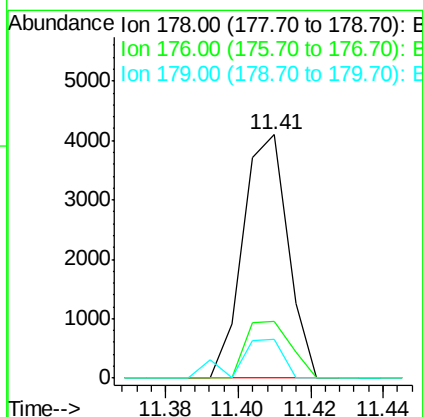
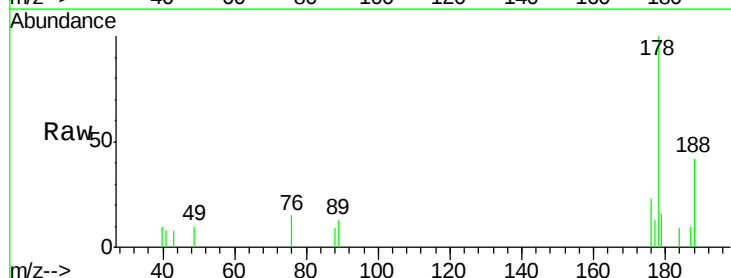
Instrument :
 BNA_F
 ClientSampleId :

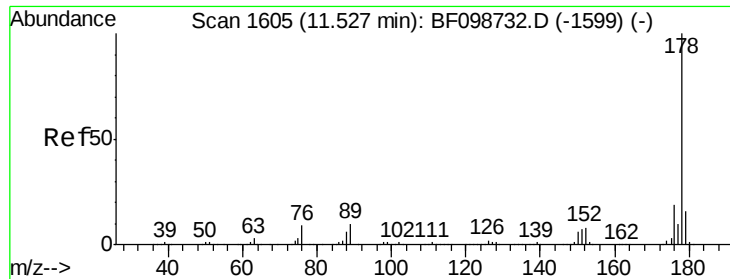
Tot Ion:169 Resp: 111
 Ion Ratio Lower Upper
 169 100
 168 0.0 54.4 81.6#
 167 0.0 29.8 44.6#



#70
 Phenanthrene
 Concen: 0.27 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:178 Resp: 3525
 Ion Ratio Lower Upper
 178 100
 176 23.5 15.8 23.8
 179 15.9 13.0 19.6





#71

Anthracene

Concen: 0.08 ng

RT: 11.46 min Scan# 1594

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

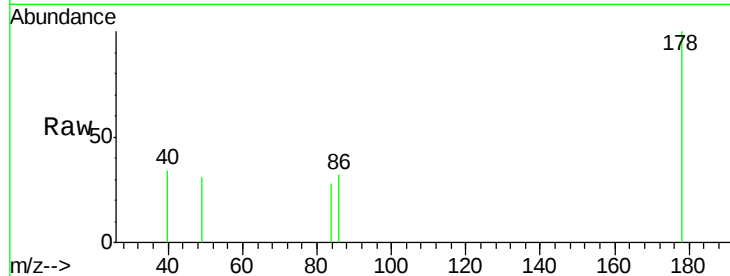
Tot Ion:178 Resp: 1049

Ion Ratio Lower Upper

178 100

176 0.0 15.4 23.2#

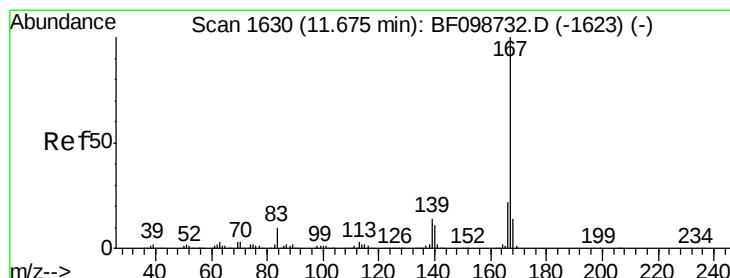
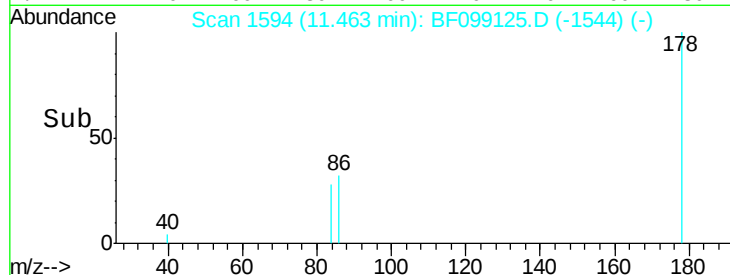
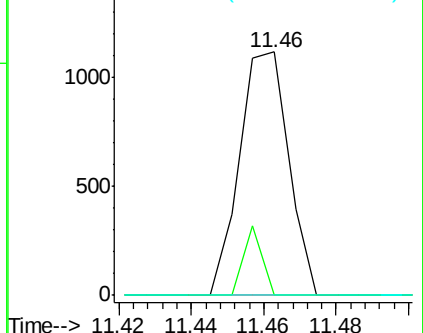
179 0.0 12.6 19.0#



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



#72

Carbazole

Concen: 0.02 ng

RT: 11.62 min Scan# 1620

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

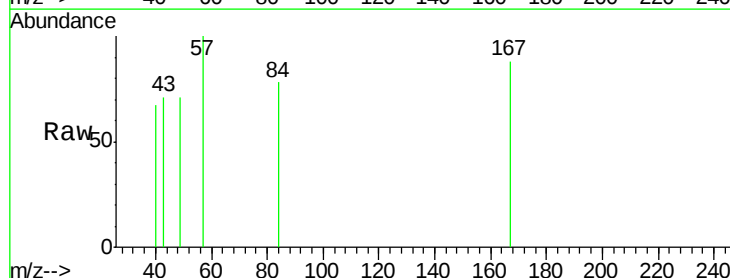
Tgt Ion:167 Resp: 257

Ion Ratio Lower Upper

167 100

166 0.0 17.6 26.4#

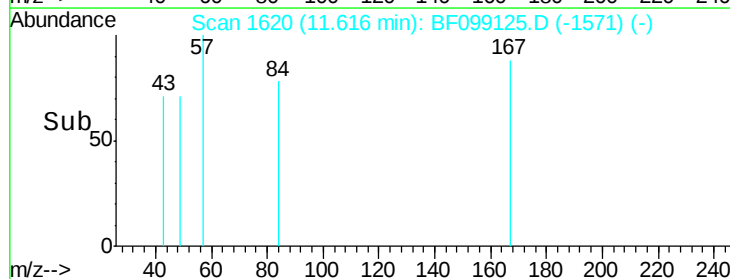
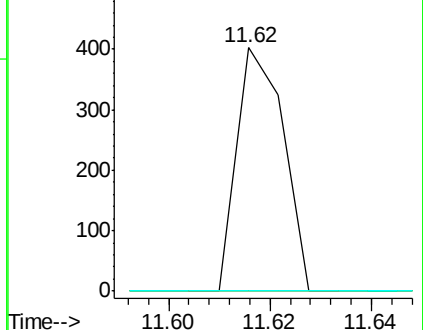
139 0.0 10.9 16.3#

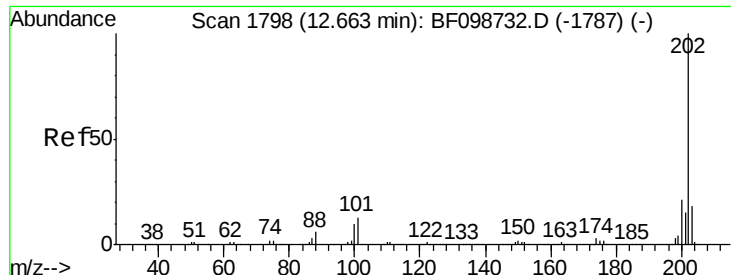


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

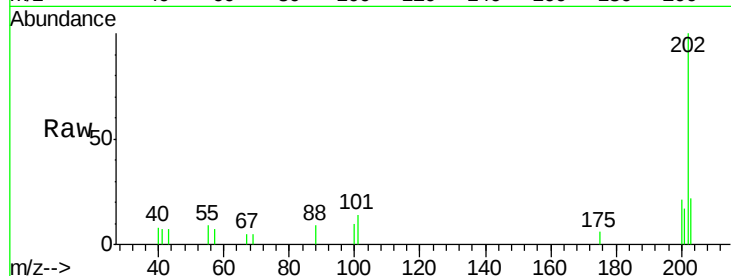




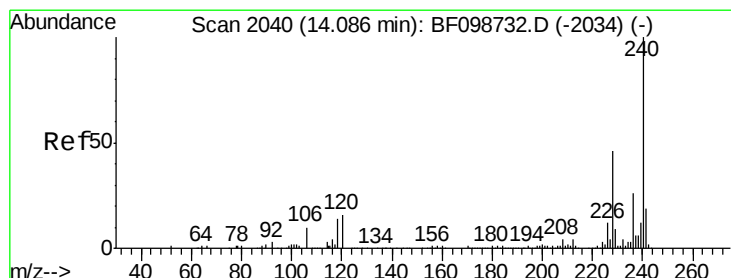
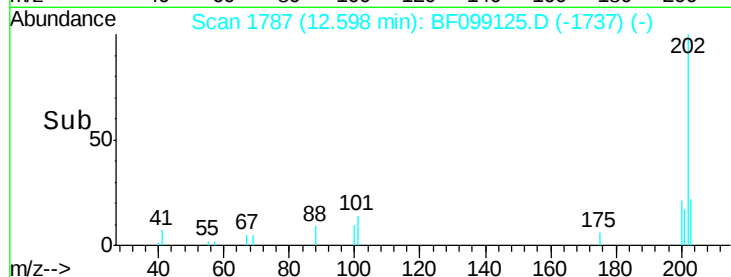
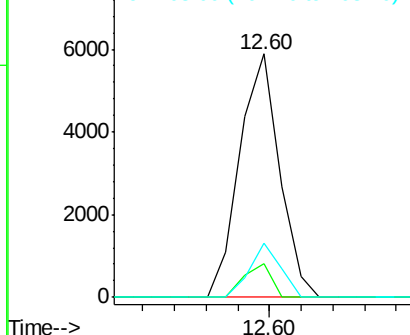
#74
Fluoranthene
 Concen: 0.39 ng
 RT: 12.60 min Scan# 1787
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	34.1
203	22.4	0.0	38.1

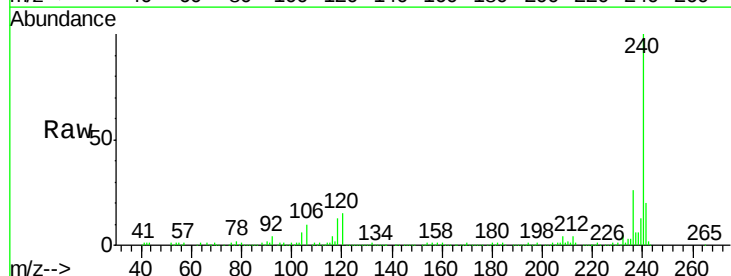


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

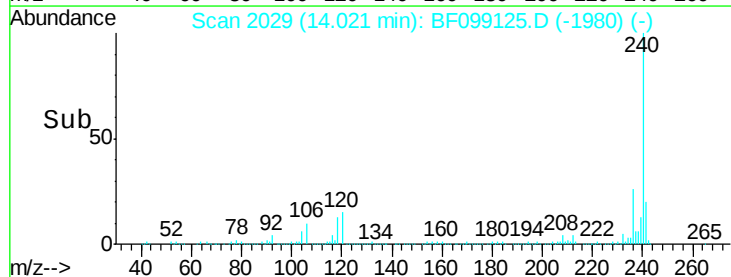
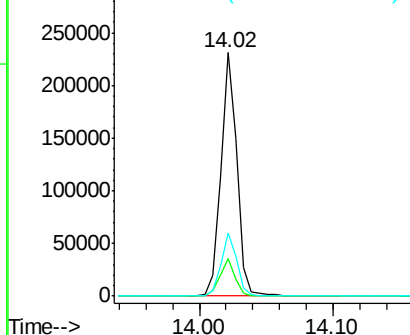


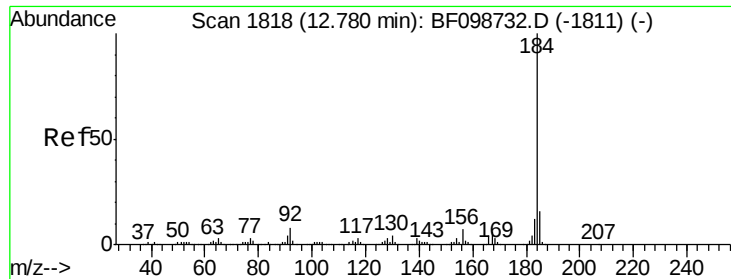
#75
Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.4	9.5	14.3#
236	26.0	20.7	31.1



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





#76

Benzidine

Concen: 0.03 ng

RT: 12.96 min Scan# 1849

Delta R.T. 0.24 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

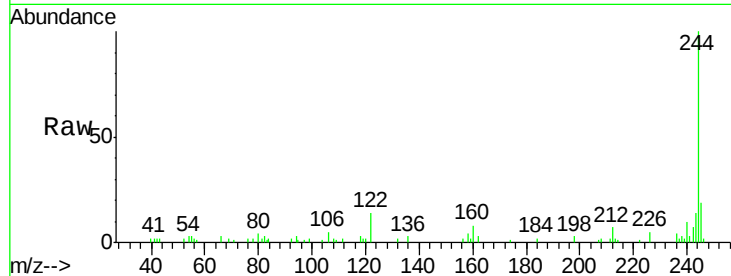
Tot Ion:184 Resp: 185

Ion Ratio Lower Upper

184 100

185 0.0 12.6 18.8#

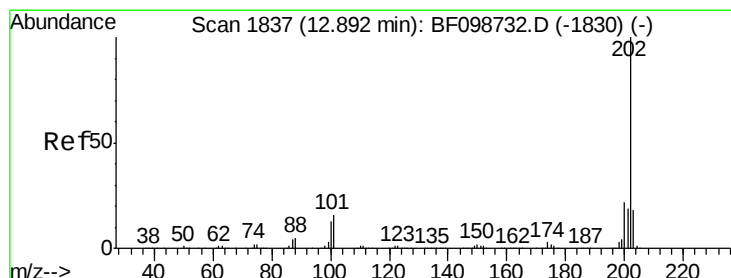
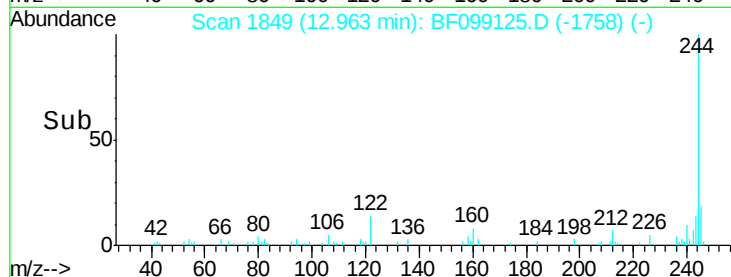
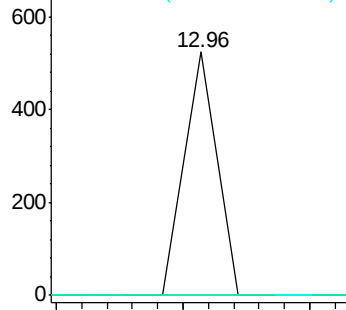
183 0.0 9.3 13.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 0.38 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

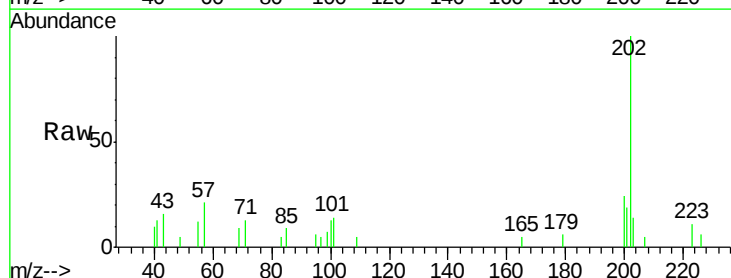
Tgt Ion:202 Resp: 5727

Ion Ratio Lower Upper

202 100

200 23.8 17.4 26.2

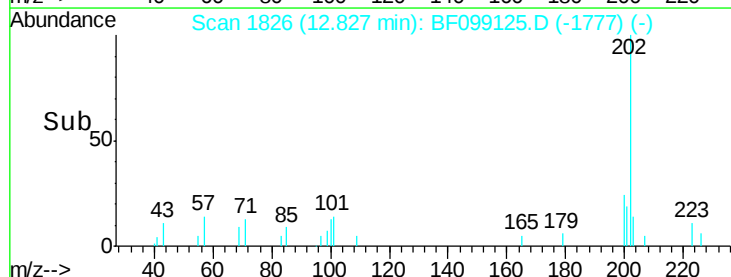
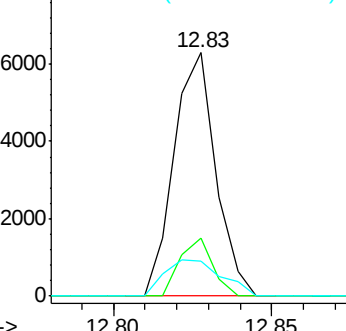
203 14.5 14.3 21.5

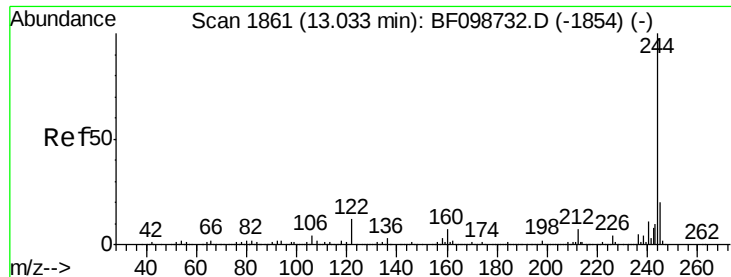


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

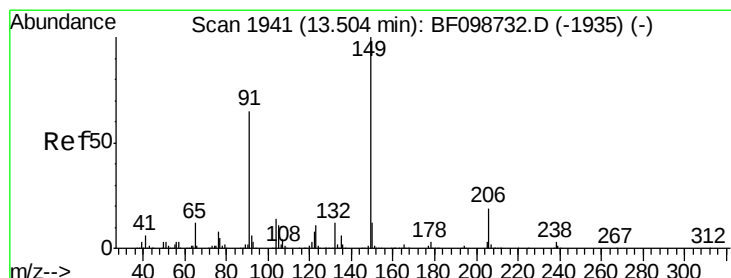
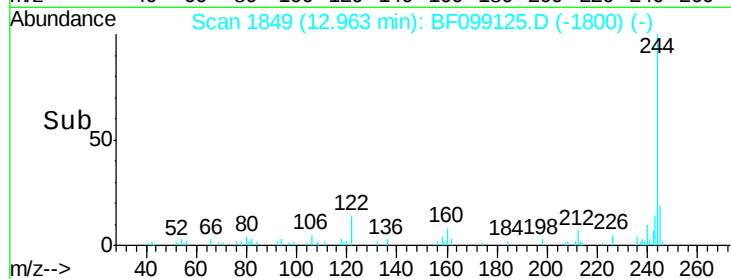
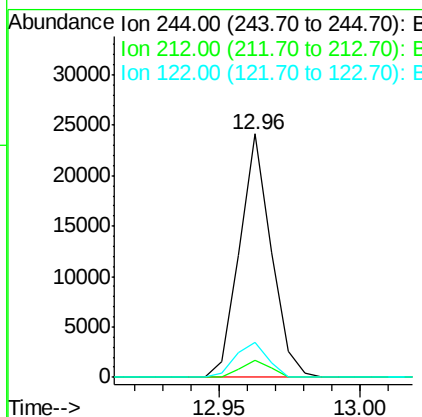
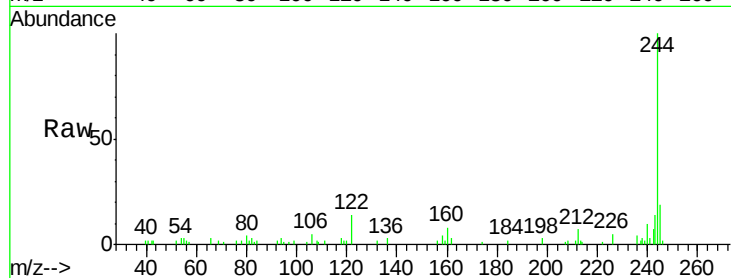




#78
 Terphenyl-d14
 Concen: 2.18 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

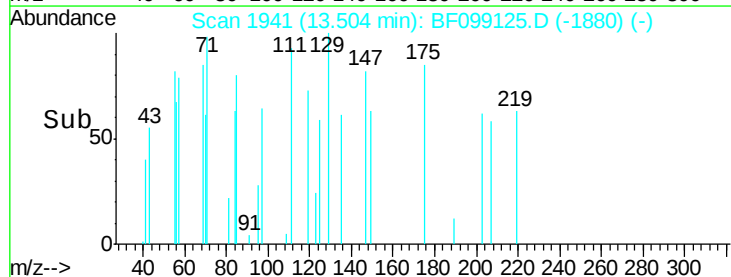
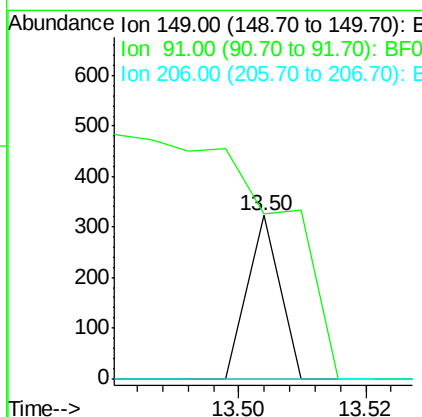
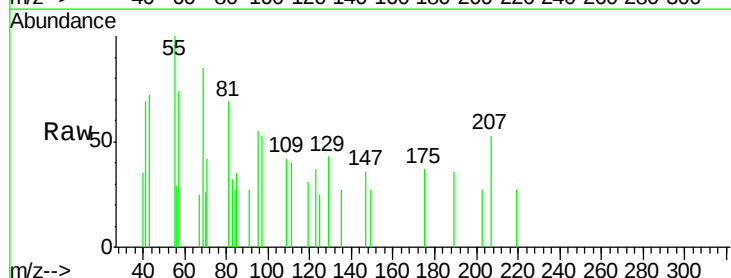
Instrument :
 BNA_F
 ClientSampleId :

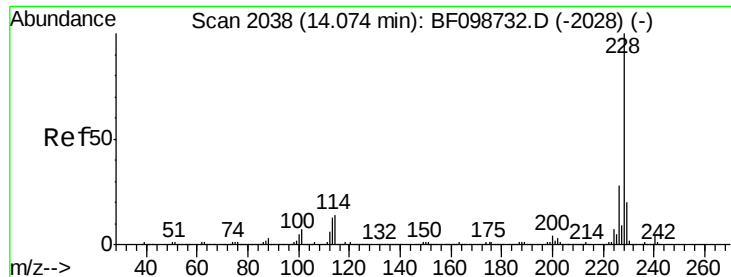
Tot Ion:244 Resp: 18750
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 14.4 11.0 16.4



#79
 Butylbenzylphthalate
 Concen: 0.02 ng
 RT: 13.50 min Scan# 1941
 Delta R.T. 0.06 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:149 Resp: 114
 Ion Ratio Lower Upper
 149 100
 91 100.6 56.8 85.2#
 206 0.0 14.1 21.1#

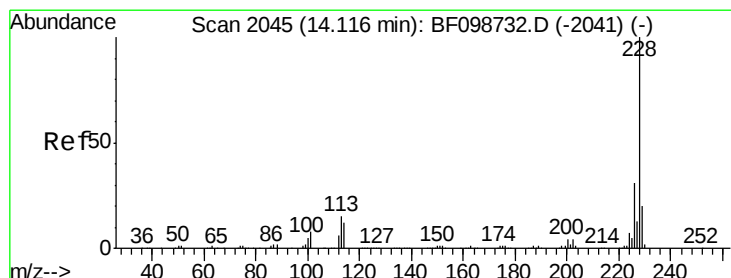
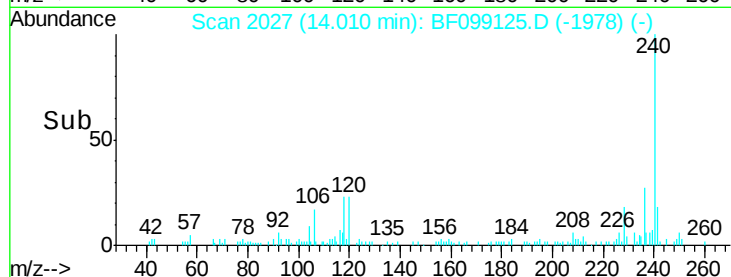
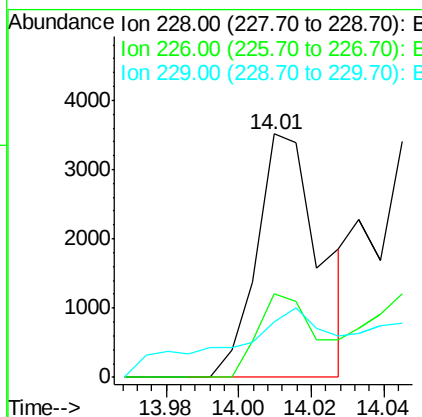
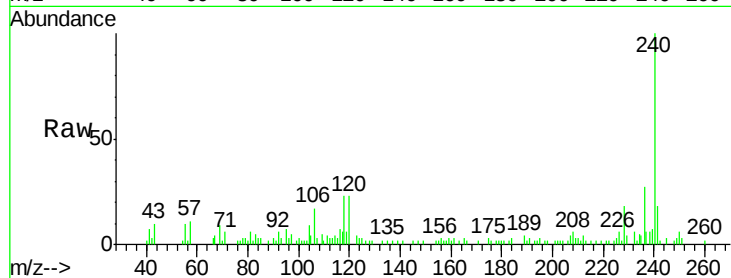




#80
Benzo(a)anthracene
Concen: 0.36 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

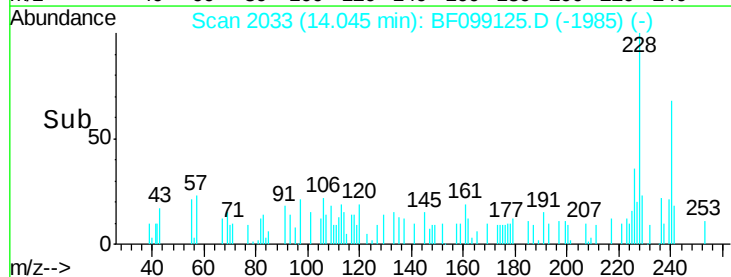
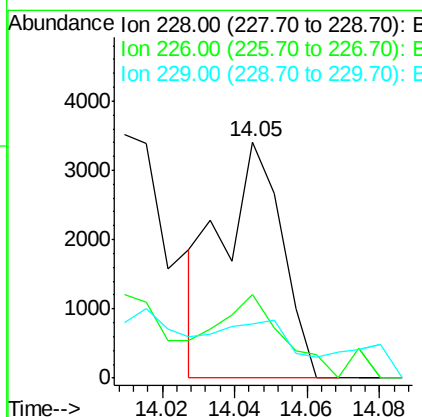
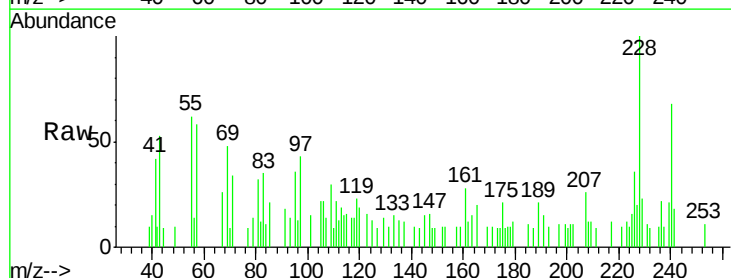
Instrument :
BNA_F
ClientSampled :

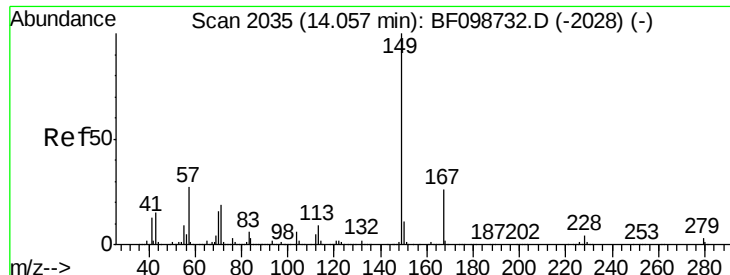
Tot Ion:228 Resp: 4267
Ion Ratio Lower Upper
228 100
226 34.2 22.6 33.8#
229 22.7 15.8 23.6



#82
Chrysene
Concen: 0.35 ng
RT: 14.05 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion:228 Resp: 3901
Ion Ratio Lower Upper
228 100
226 35.5 25.0 37.6
229 22.8 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampled :

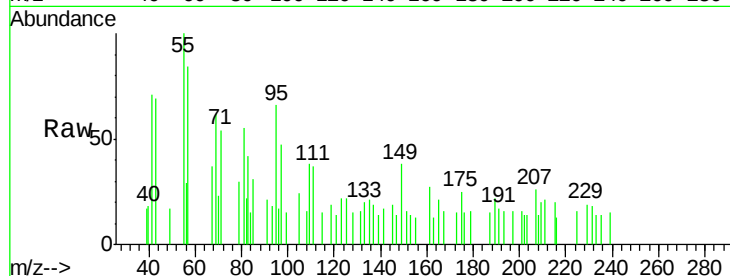
Tot Ion:149 Resp: 1474

Ion Ratio Lower Upper

149 100

167 42.9 21.3 31.9#

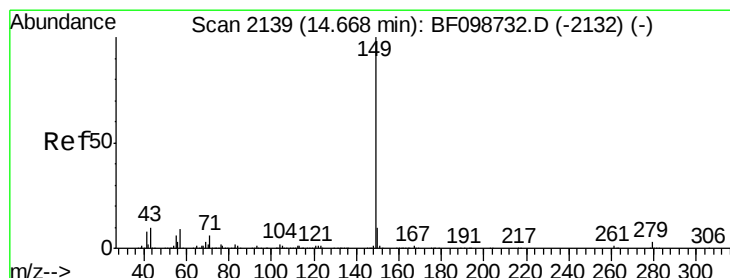
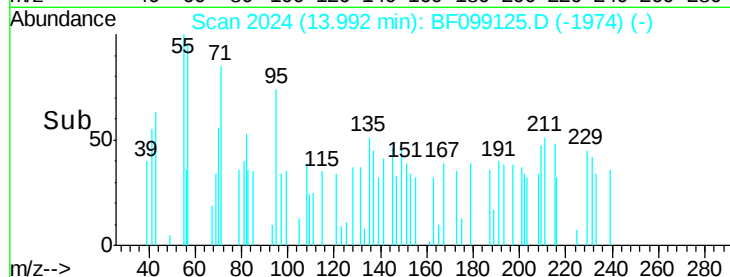
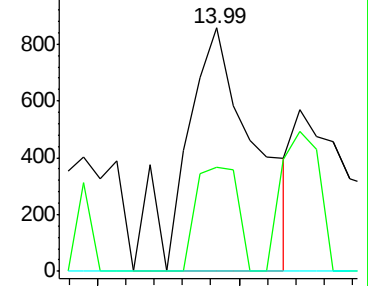
279 0.0 3.0 4.4#



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: 0.21 ng

RT: 14.58 min Scan# 2124

Delta R.T. -0.03 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

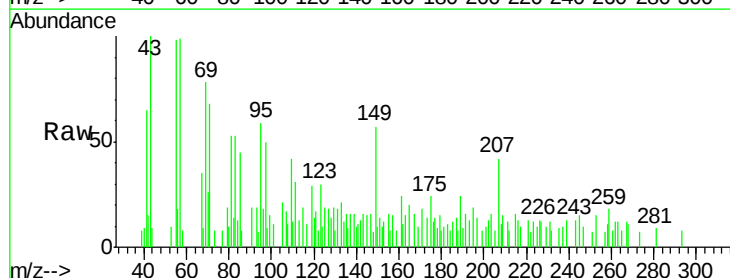
Tgt Ion:149 Resp: 3307

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

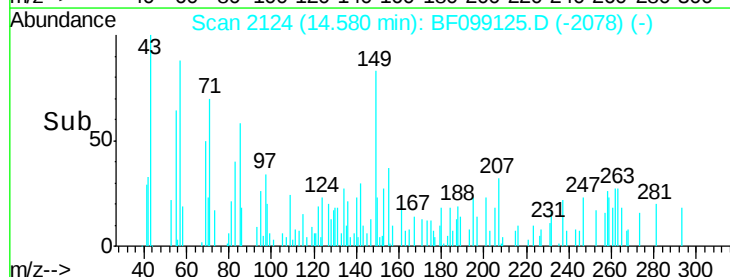
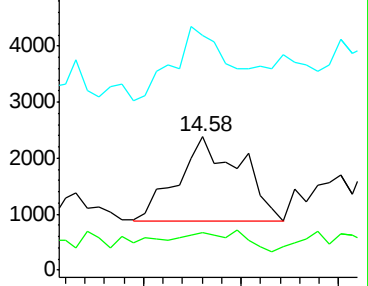
43 77.1 8.4 12.6#

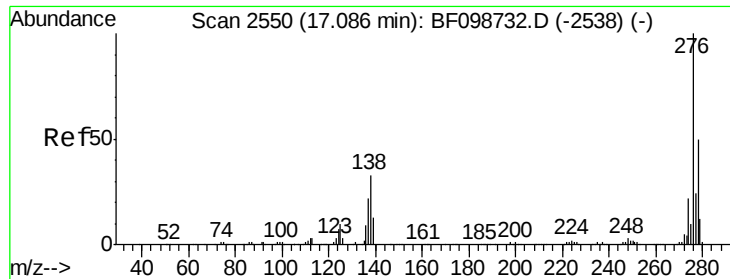


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

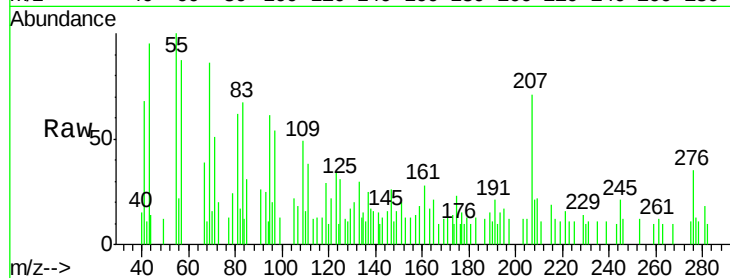




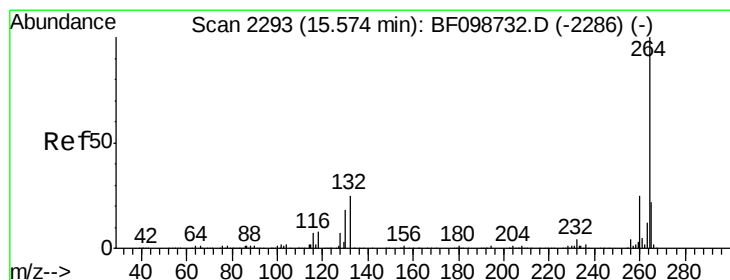
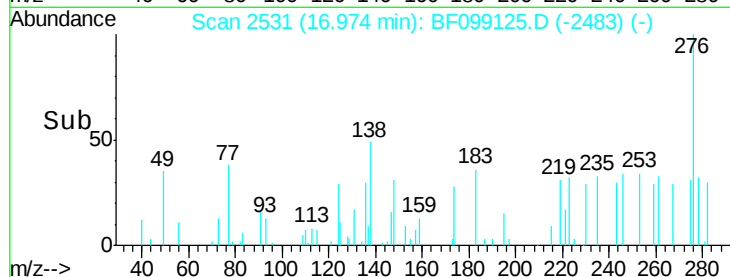
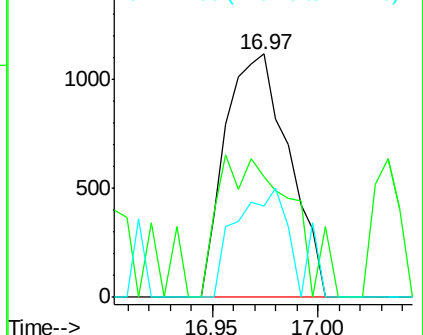
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 0.26 ng
 RT: 16.97 min Scan# 2531
 Delta R.T. -0.02 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:276 Resp: 2333
 Ion Ratio Lower Upper
 276 100
 138 0.0 25.0 37.6#
 277 40.7 20.1 30.1#

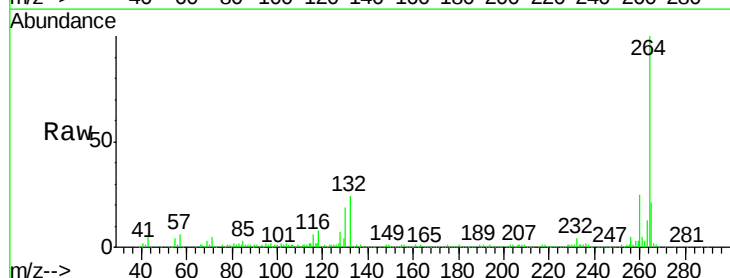


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

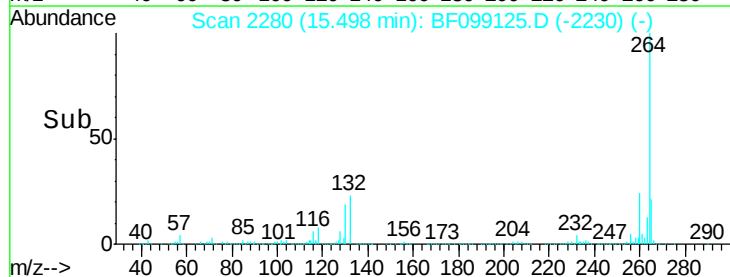
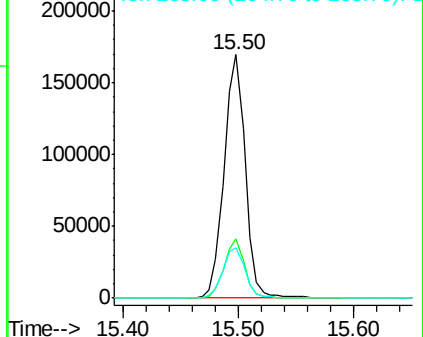


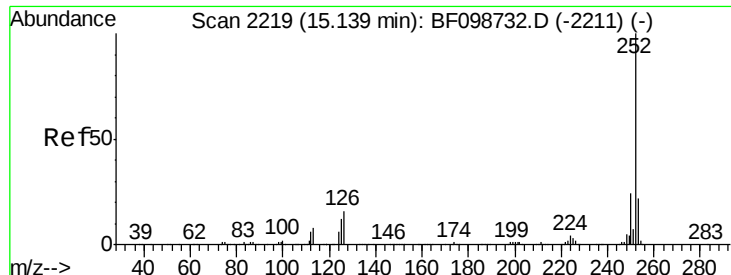
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2280
 Delta R.T. -0.01 min
 Lab File: BF099125.D
 Acq: 6 Oct 2017 1:26

Tgt Ion:264 Resp: 215820
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.2 28.8
 265 20.6 17.5 26.3



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

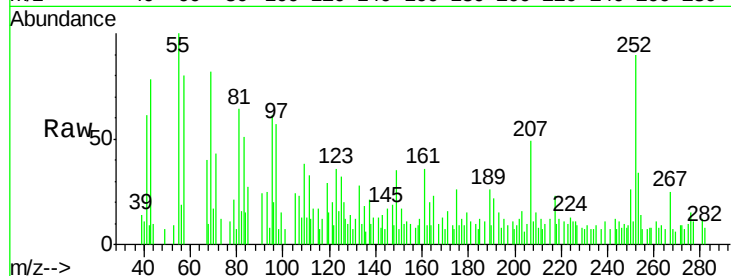




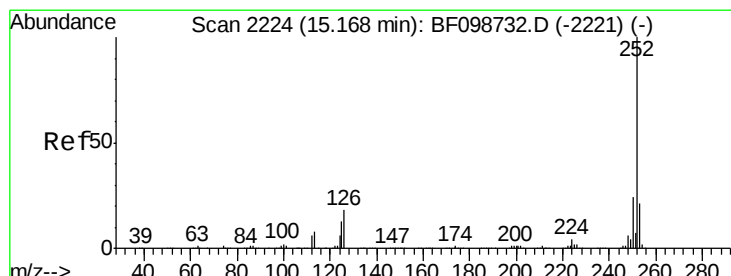
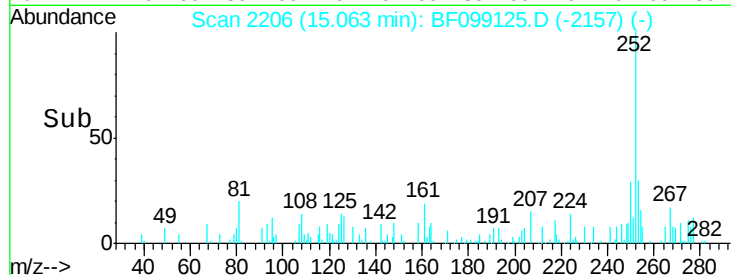
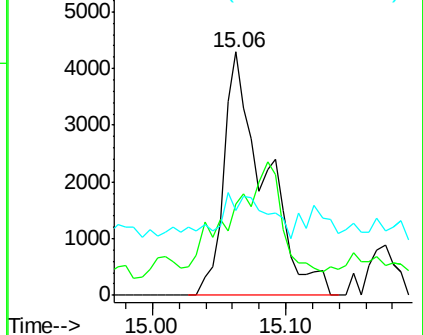
#87
Benzo(b)fluoranthene
Concen: 0.70 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 9239
Ion Ratio Lower Upper
252 100
253 37.3 17.0 25.6#
125 35.1 9.0 13.6#

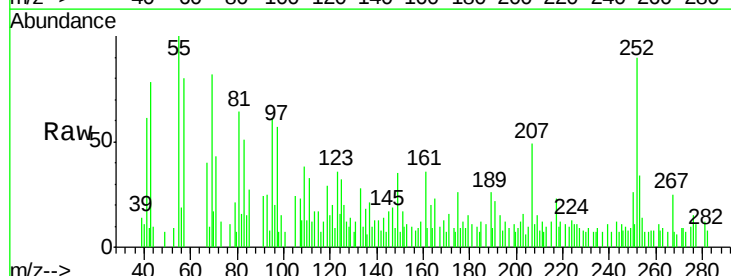


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

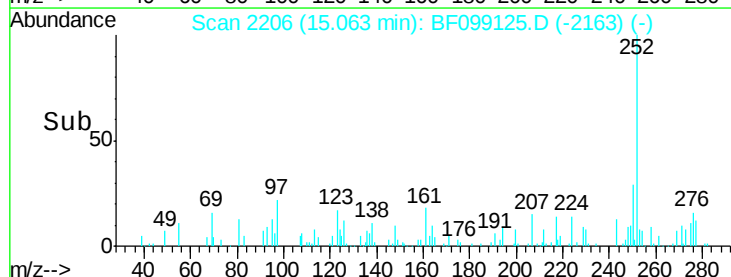
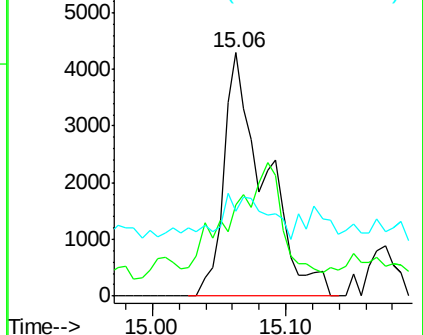


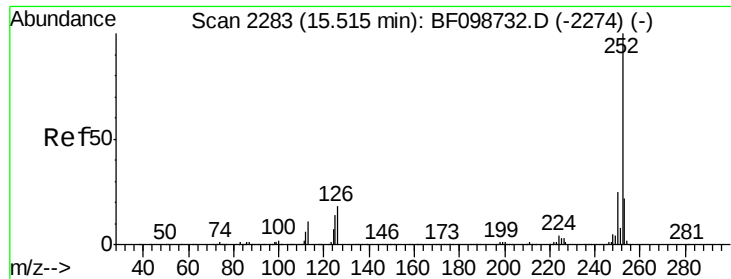
#88
Benzo(k)fluoranthene
Concen: 0.70 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.05 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion:252 Resp: 9239
Ion Ratio Lower Upper
252 100
253 37.3 17.9 26.9#
125 35.1 10.2 15.2#



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

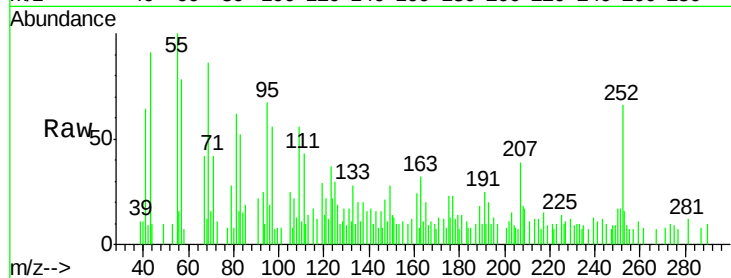




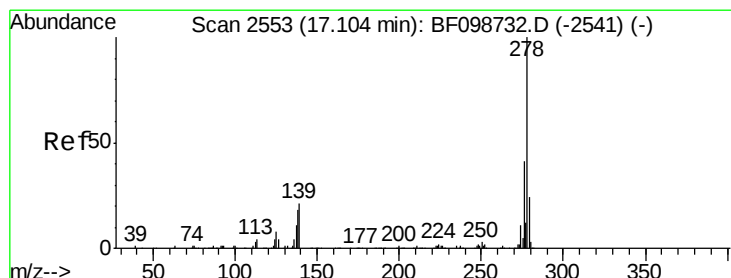
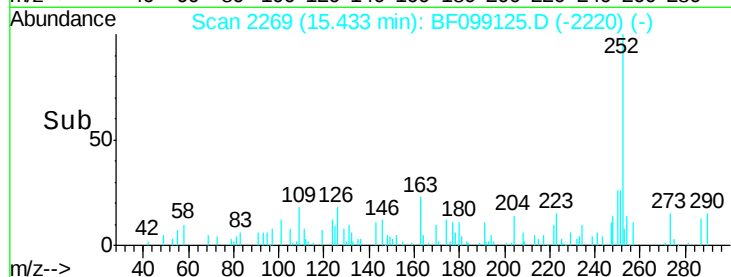
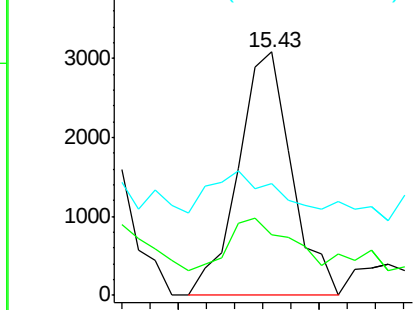
#89
Benzo(a)pyrene
Concen: 0.33 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 4039
Ion Ratio Lower Upper
252 100
253 24.9 17.1 25.7
125 46.1 9.8 14.6#

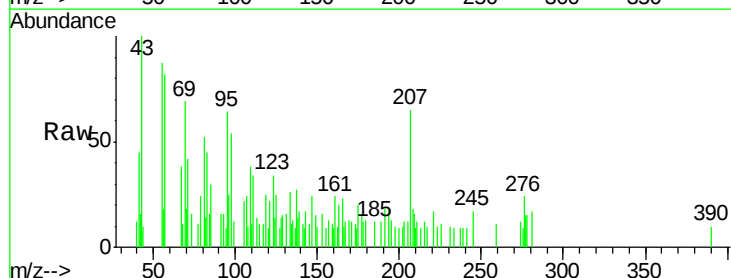


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

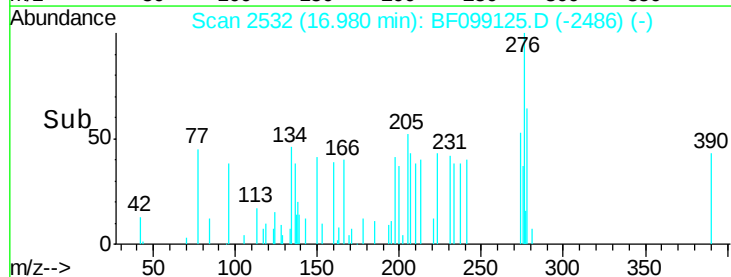
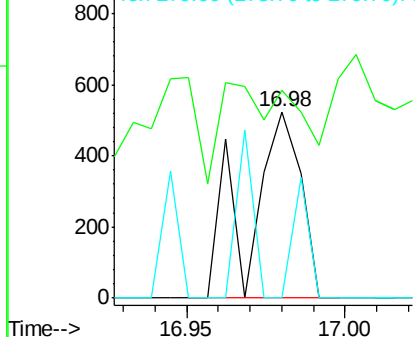


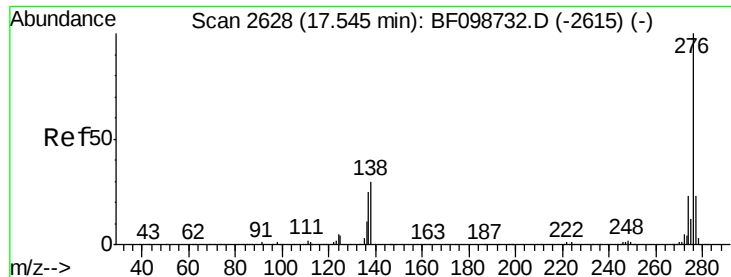
#90
Dibenzo(a,h)anthracene
Concen: 0.06 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.03 min
Lab File: BF099125.D
Acq: 6 Oct 2017 1:26

Tgt Ion:278 Resp: 591
Ion Ratio Lower Upper
278 100
139 111.8 15.9 23.9#
279 0.0 19.0 28.4#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.29 ng

RT: 17.41 min Scan# 2605

Delta R.T. -0.04 min

Lab File: BF099125.D

Acq: 6 Oct 2017 1:26

Instrument :

BNA_F

ClientSampleId :

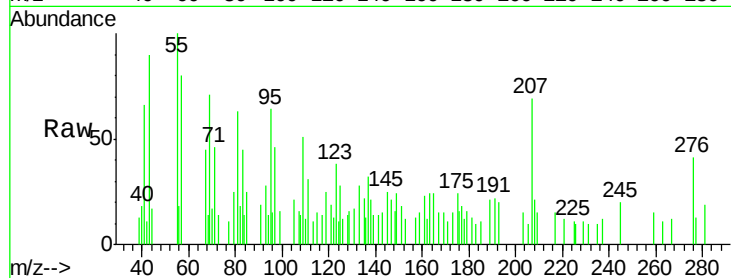
Tot Ion: 276 Resp: 2841

Ion Ratio Lower Upper

276 100

277 31.9 17.9 26.9#

138 51.3 21.8 32.8#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

