

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
 Data File : BF099007.D
 Acq On : 2 Oct 2017 18:43
 Operator : SJ/JU
 Sample : I5531-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 01:00:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	130179	20.00	ng	-0.02
21) Naphthalene-d8	8.19	136	429195	20.00	ng	-0.01
38) Acenaphthene-d10	9.96	164	144162	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	228283	20.00	ng	0.01
75) Chrysene-d12	14.07	240	244207	20.00	ng	-0.01
86) Perylene-d12	15.56	264	261725	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1140354	139.45	ng	0.00
7) Phenol-d6	6.53	99	1370322	135.84	ng	-0.01
23) Nitrobenzene-d5	7.47	82	802768	119.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.76	330	168637	142.96	ng	0.01
44) 2-Fluorobiphenyl	9.27	172	967557	112.04	ng	0.00
78) Terphenyl-d14	13.02	244	798116	74.33	ng	-0.01

Target Compounds						Qvalue
9) Benzaldehyde	6.67	77	26348	4.50	ng	84
10) Phenol	6.55	94	28642	2.54	ng	93
15) Benzyl Alcohol	7.06	79	22184	3.00	ng	# 34
18) Hexachloroethane	7.44	117	83738	23.61	ng	# 1
19) n-Nitroso-di-n-propylamine	7.33	70	25453	3.95	ng	# 64
24) Nitrobenzene	7.47	77	16113	2.12	ng	# 42
25) Isophorone	7.72	82	73505	5.31	ng	# 1
26) 2-Nitrophenol	7.80	139	7588	2.08	ng	# 1
27) 2,4-Dimethylphenol	7.85	122	14645	2.12	ng	# 1
29) 2,4-Dichlorophenol	8.02	162	12024	2.03	ng	# 2
31) Naphthalene	8.22	128	239232	11.87	ng	# 82
35) Caprolactam	8.65	113	18353	9.67	ng	# 1
36) 4-Chloro-3-methylphenol	8.73	107	17258	2.59	ng	# 32
37) 2-Methylnaphthalene	8.92	142	1640821	125.21	ng	97
43) 2,4,5-Trichlorophenol	9.24	196	6796	2.24	ng	# 1
45) 1,1'-Biphenyl	9.37	154	28974	2.34	ng	91
47) 2-Nitroaniline	9.51	65	8416	2.95	ng	# 1
48) Acenaphthylene	9.83	152	76463	5.37	ng	# 1
49) Dimethylphthalate	9.67	163	122084	11.22	ng	# 90
50) 2,6-Dinitrotoluene	9.73	165	9891	4.18	ng	# 76
51) Acenaphthene	10.00	154	129264	14.33	ng	# 75
52) 3-Nitroaniline	9.92	138	15187	5.50	ng	# 28
53) 2,4-Dinitrophenol	9.99	184	1442	6.91	ng	# 1
54) Dibenzofuran	10.17	168	118290	9.85	ng	# 1
55) 4-Nitrophenol	10.07	139	90755	38.86	ng	# 56
56) 2,4-Dinitrotoluene	10.12	165	17823	5.80	ng	# 56
57) Fluorene	10.52	166	241613	25.03	ng	# 92
61) 4-Nitroaniline	10.59	138	9791	3.67	ng	86
64) 4,6-Dinitro-2-methylphenol	10.58	198	2874	2.07	ng	# 1
65) n-Nitrosodiphenylamine	10.63	169	338155	42.76	ng	# 48
70) Phenanthrene	11.48	178	824113	67.44	ng	97
71) Anthracene	11.48	178	824113	65.91	ng	96
74) Fluoranthene	12.66	202	196503	15.88	ng	98
77) Pyrene	12.89	202	209938	11.27	ng	97

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Quant Time: Oct 03 01:00:36 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

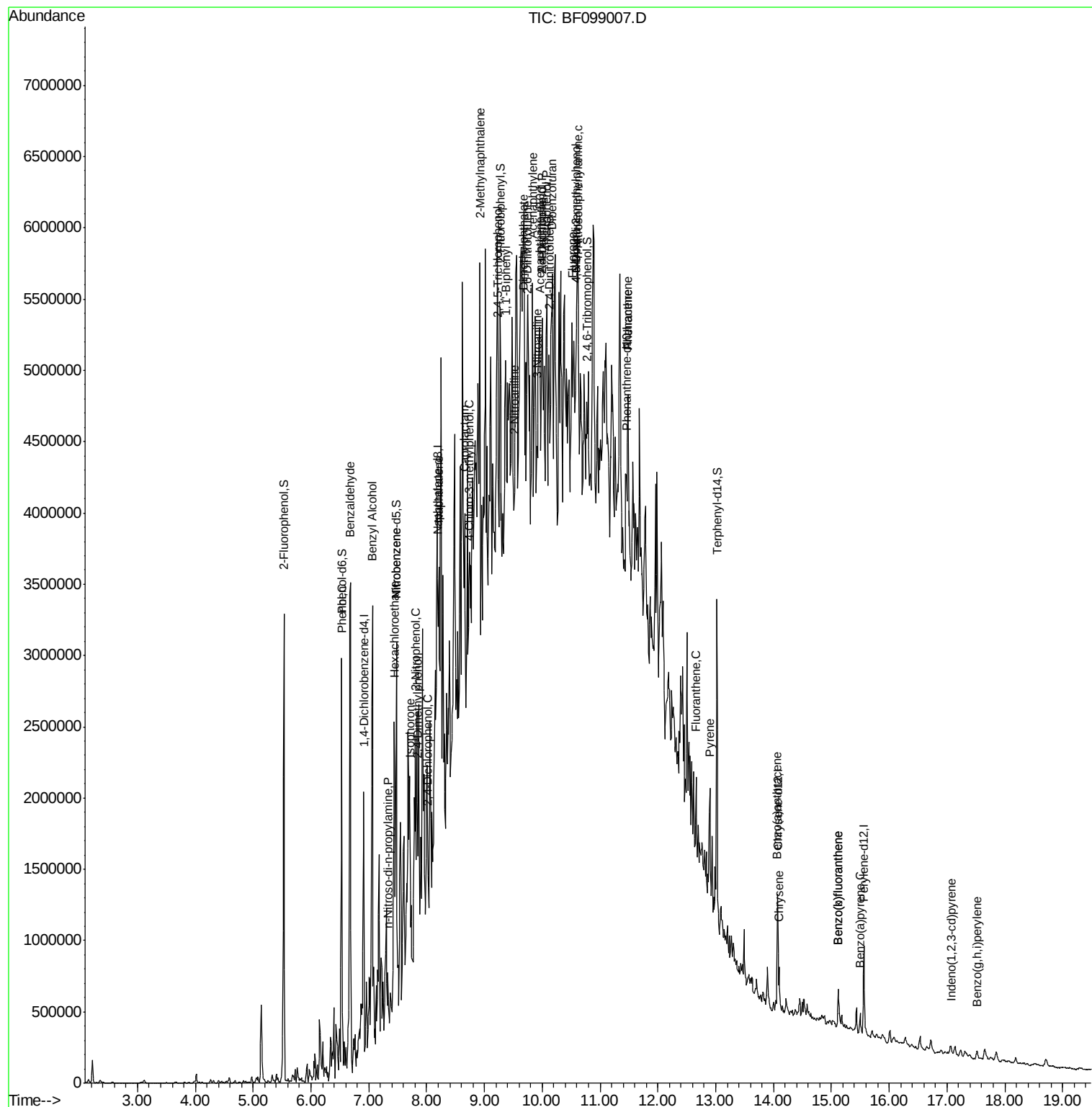
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) Benzo(a)anthracene	14.06	228	86187	5.83	ng	# 89
82) Chrysene	14.10	228	129687	9.21	ng	# 95
85) Indeno(1,2,3-cd)pyrene	17.06	276	42656	3.79	ng	98
87) Benzo(b)fluoranthene	15.12	252	174993	10.87	ng	# 92
88) Benzo(k)fluoranthene	15.12	252	174993	11.01	ng	# 95
89) Benzo(a)pyrene	15.50	252	67739	4.59	ng	# 92
91) Benzo(g,h,i)perylene	17.52	276	37386	3.20	ng	93

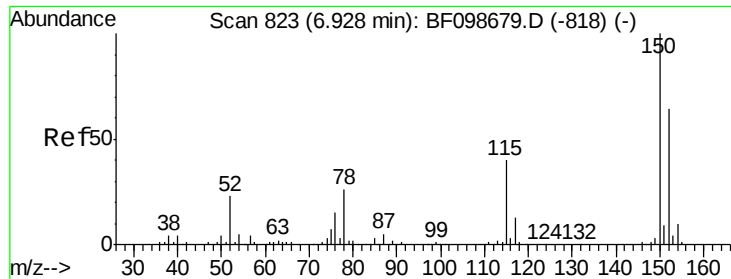
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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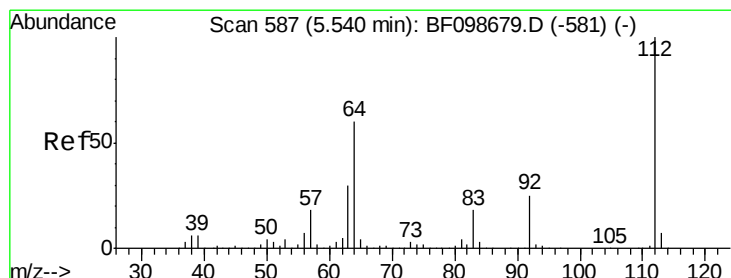
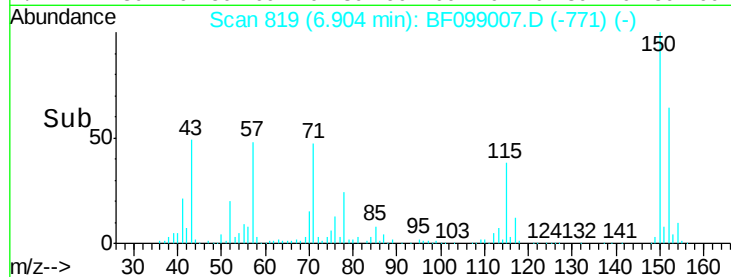
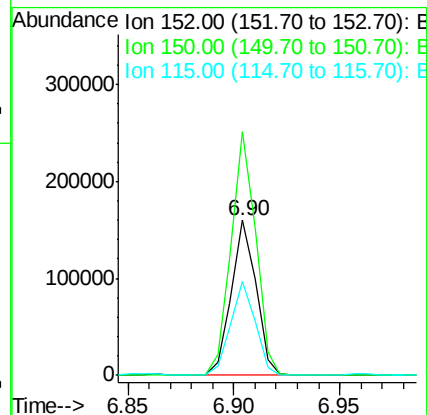
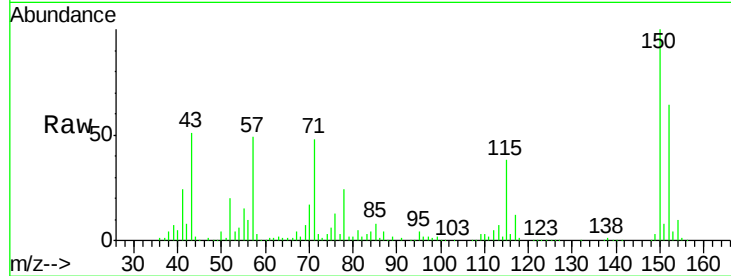


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Instrument :
BNA_F
ClientSampleId :

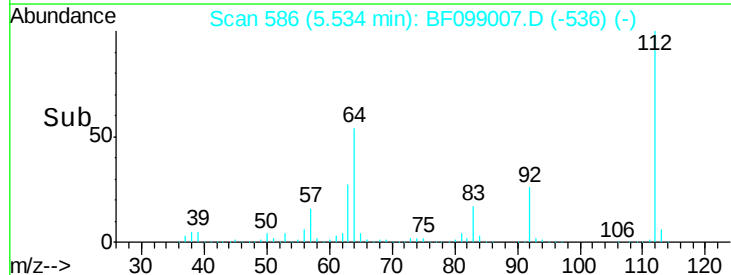
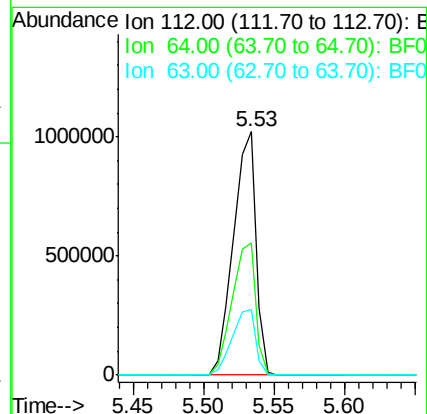
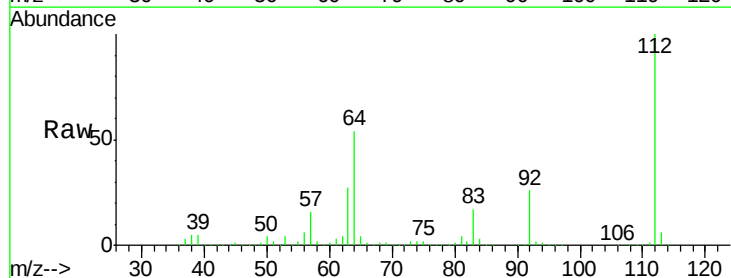
Tot Ion:152 Resp: 130179
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 60.4 50.1 75.1

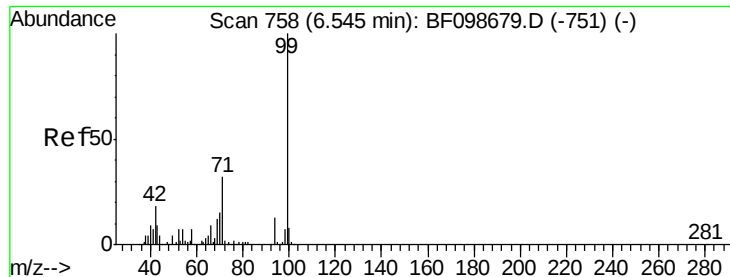


#5

2-Fluorophenol
Concen: 139.45 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:112 Resp: 1140354
Ion Ratio Lower Upper
112 100
64 54.3 47.9 71.9
63 27.1 23.7 35.5





#7

Phenol-d6

Concen: 135.84 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

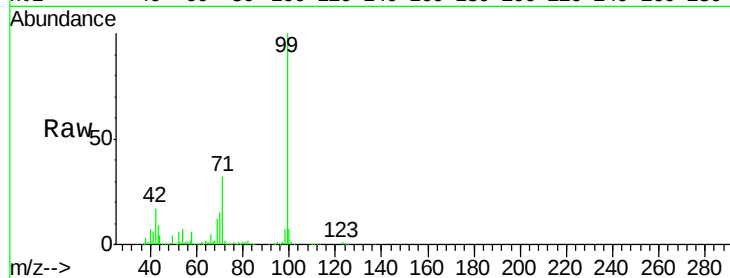
Tot Ion: 99 Resp: 1370322

Ion Ratio Lower Upper

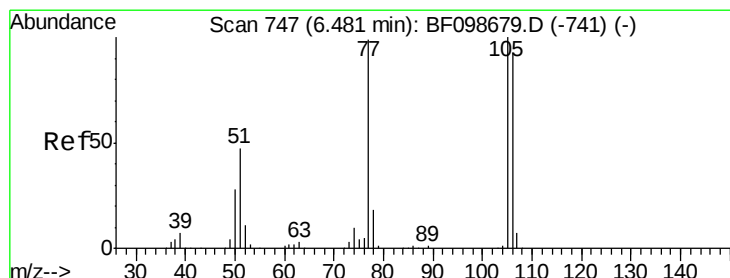
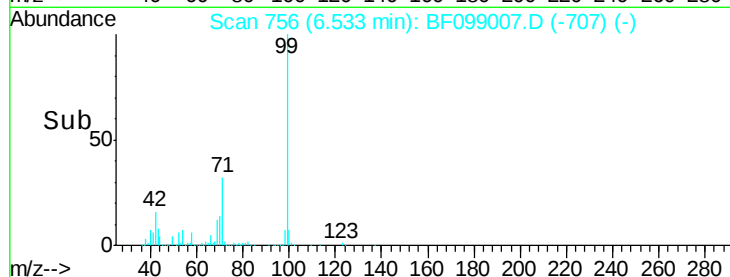
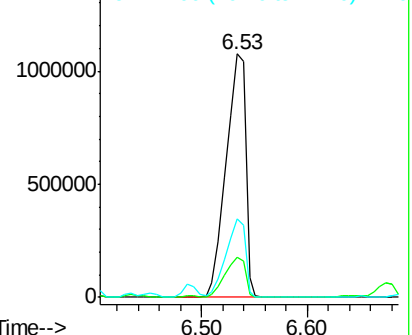
99 100

42 16.6 14.5 21.7

71 32.1 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: 4.50 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.20 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

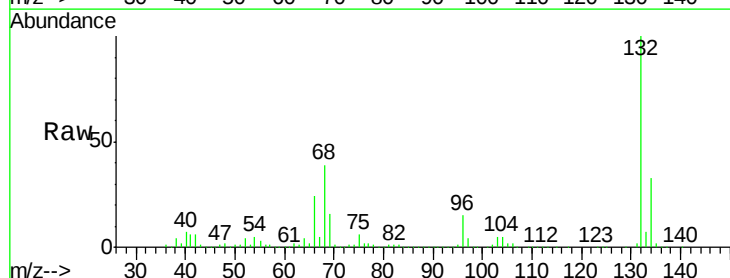
Tgt Ion: 77 Resp: 26348

Ion Ratio Lower Upper

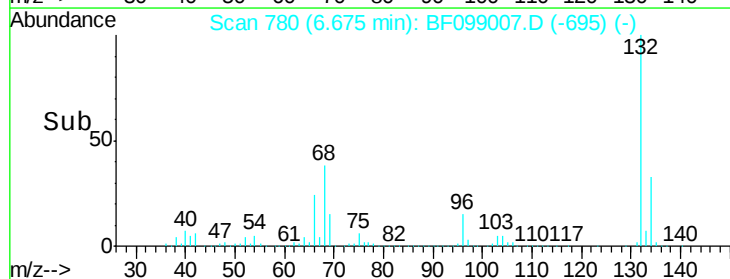
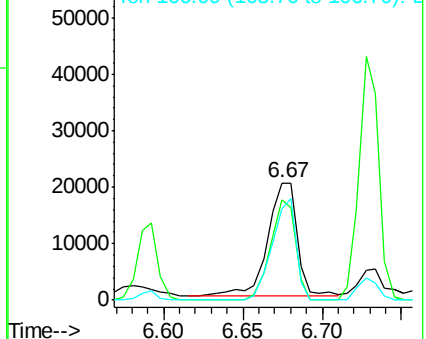
77 100

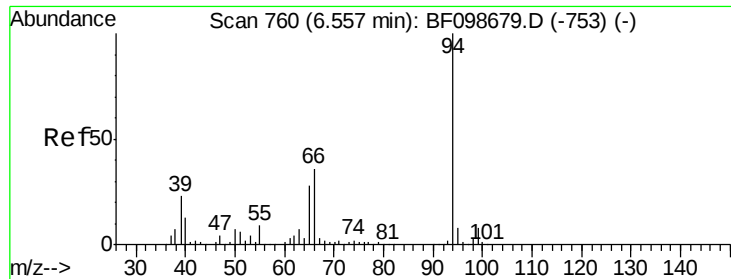
105 85.5 81.1 121.1

106 78.1 74.5 114.5



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

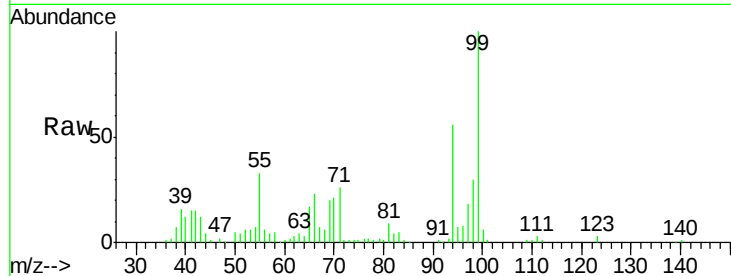




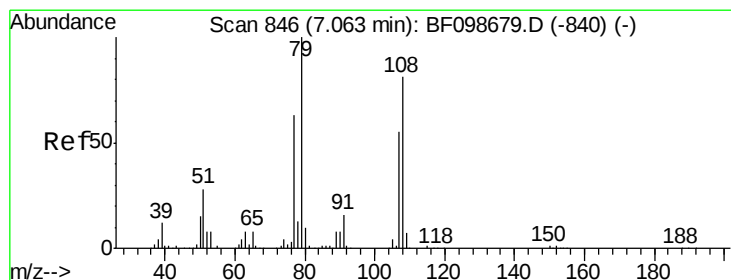
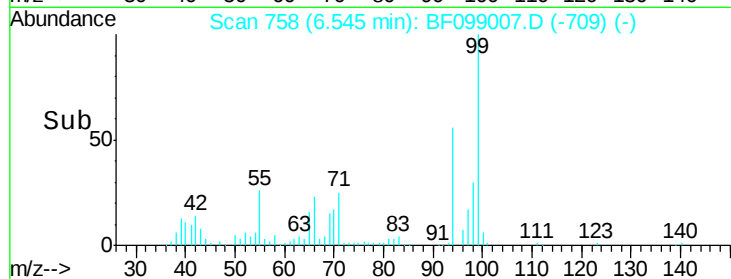
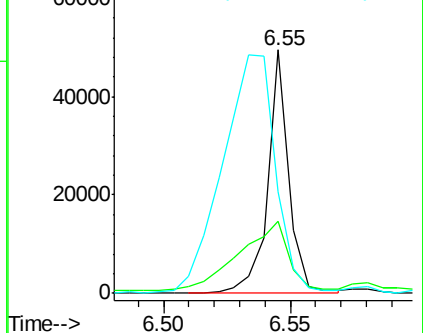
#10
Phenol
Concen: 2.54 ng
RT: 6.55 min Scan# 758
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 94 Resp: 28642
Ion Ratio Lower Upper
94 100
65 29.7 7.9 47.9
66 41.6 16.2 56.2

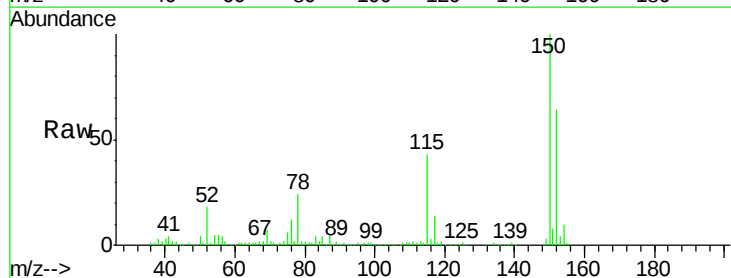


Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

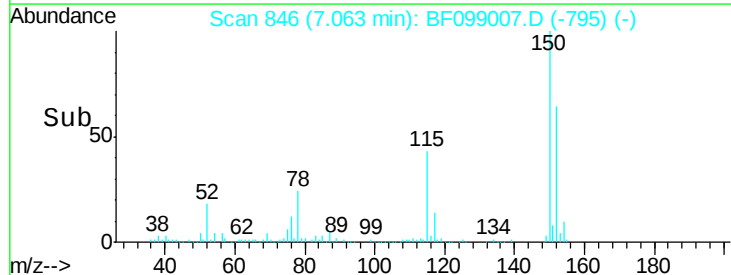
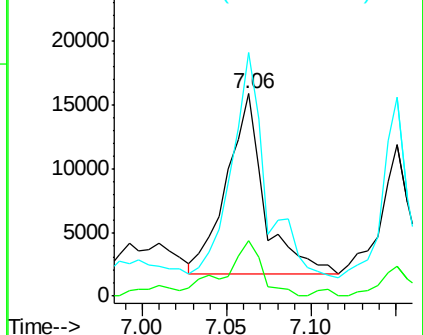


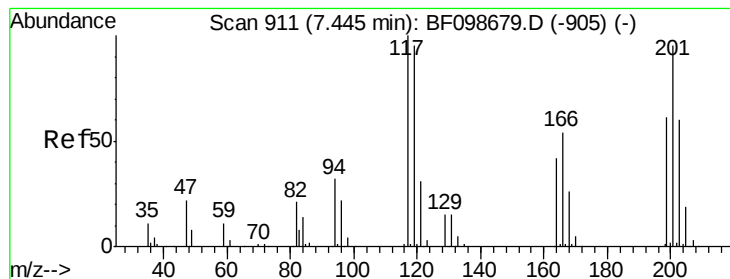
#15
Benzyl Alcohol
Concen: 3.00 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion: 79 Resp: 22184
Ion Ratio Lower Upper
79 100
108 27.7 65.1 97.7#
77 120.3 50.6 75.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0





#18

Hexachloroethane

Concen: 23.61 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.00 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

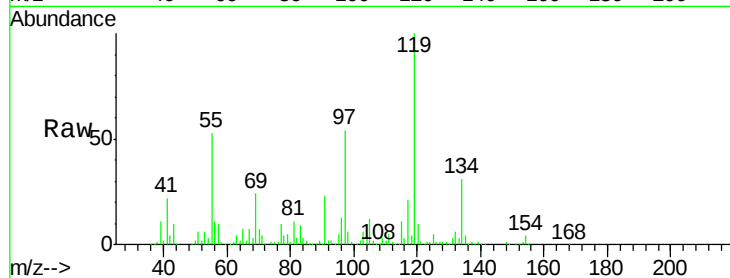
Tot Ion:117 Resp: 83738

Ion Ratio Lower Upper

117 100

119 474.2 75.8 113.8#

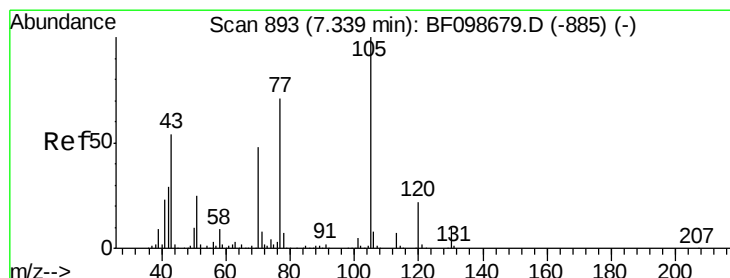
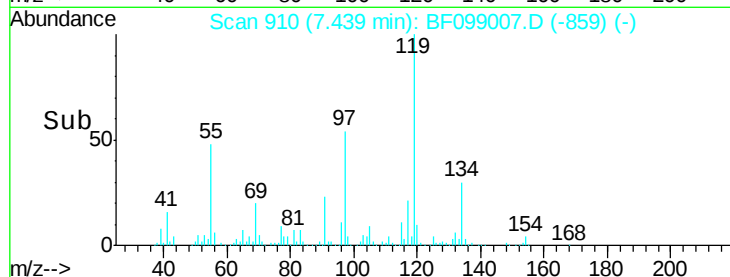
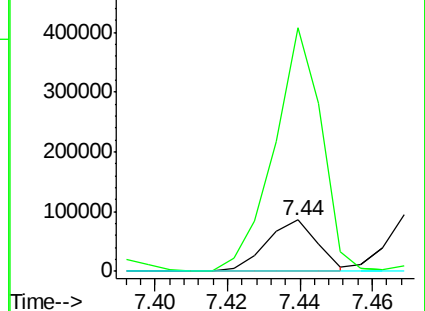
201 0.0 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 3.95 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Tgt Ion: 70 Resp: 25453

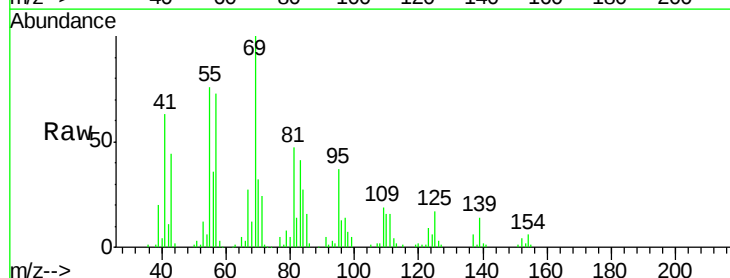
Ion Ratio Lower Upper

70 100

42 33.5 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

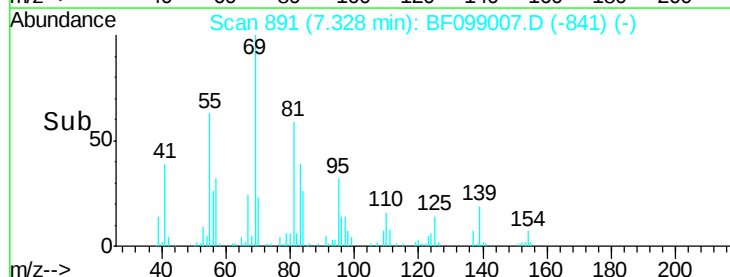
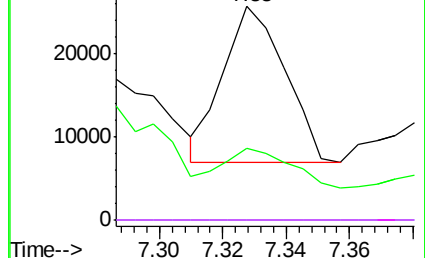


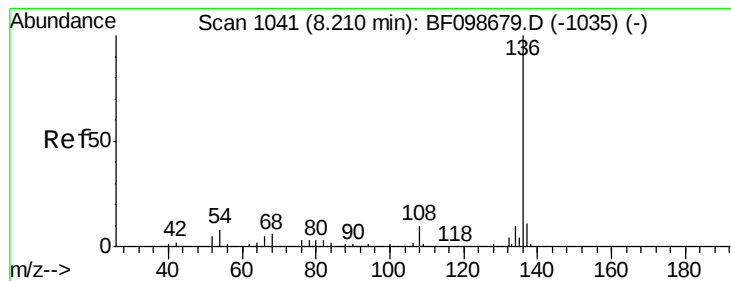
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF099007.D

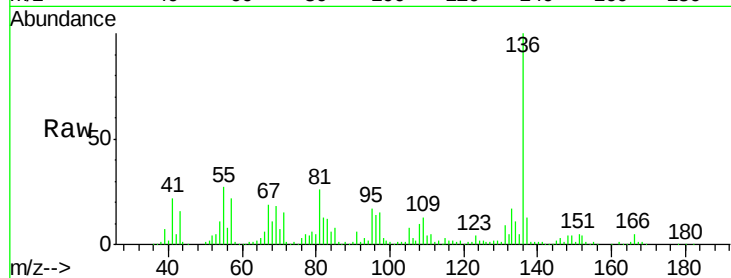
Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	429195
Ion Ratio	Lower	Upper
136	100	
137	12.6	8.9 13.3
54	10.9	6.6 9.8#
68	10.9	5.0 7.4#

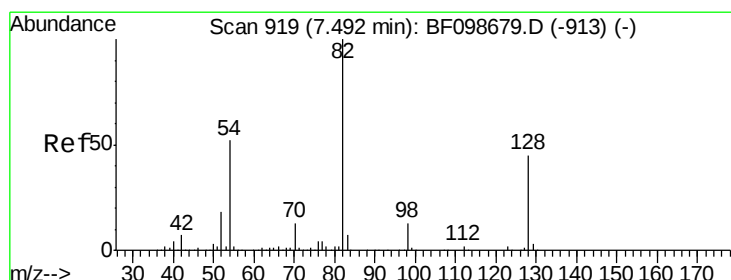
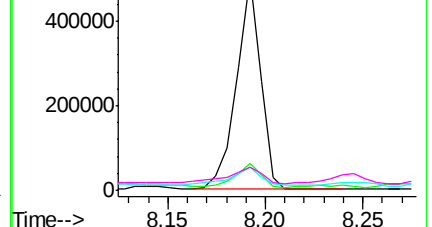
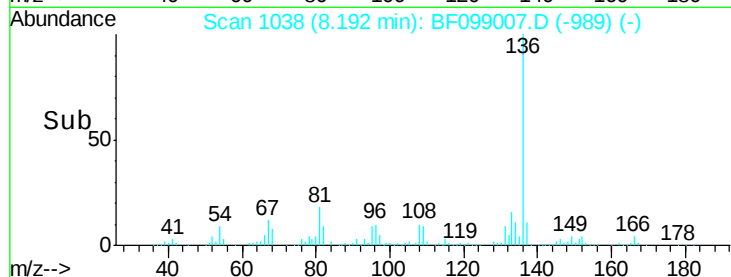


Abundance Ion 136.00 (135.70 to 136.70): E

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: 119.95 ng

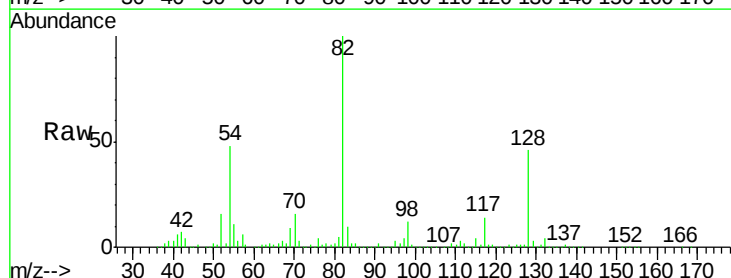
RT: 7.47 min Scan# 915

Delta R.T. -0.02 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

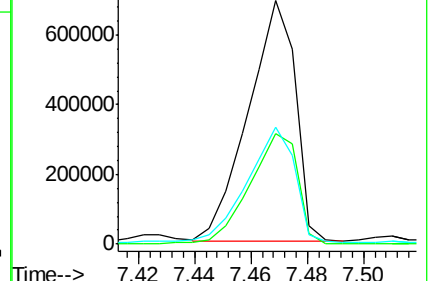
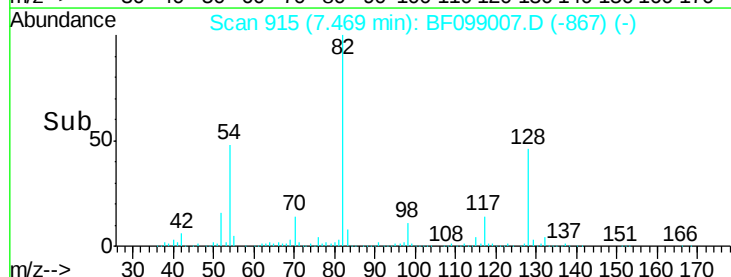
Tgt Ion: 82	Resp:	802768
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	48.0	41.4 62.2

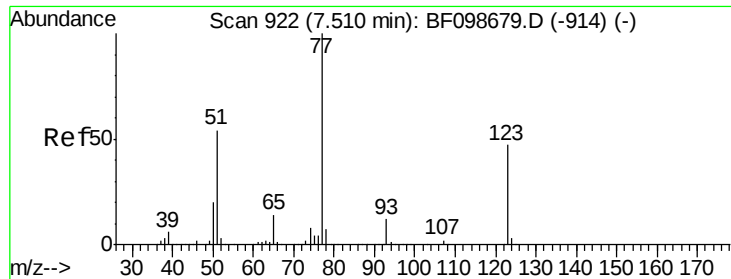


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

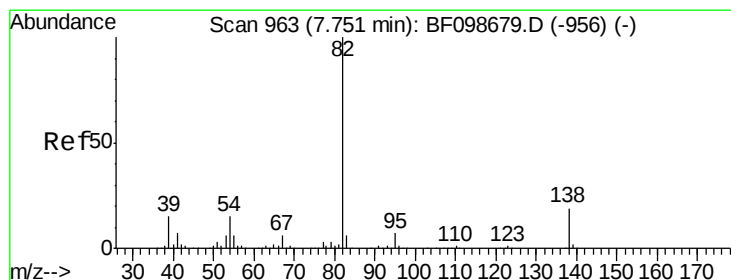
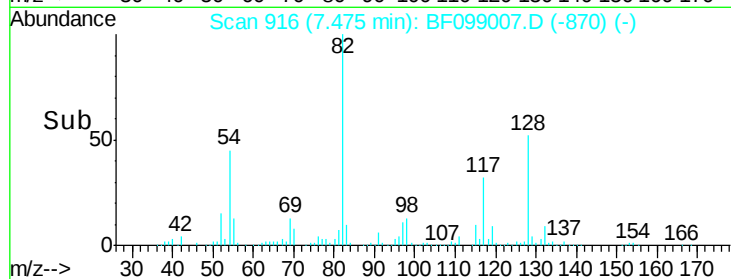
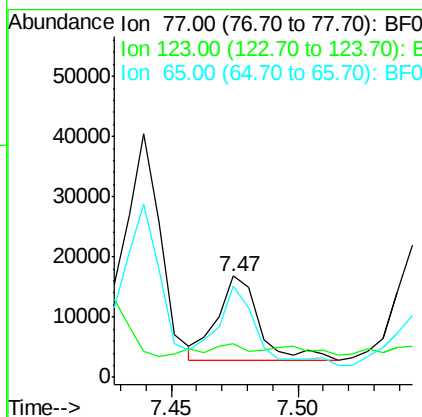
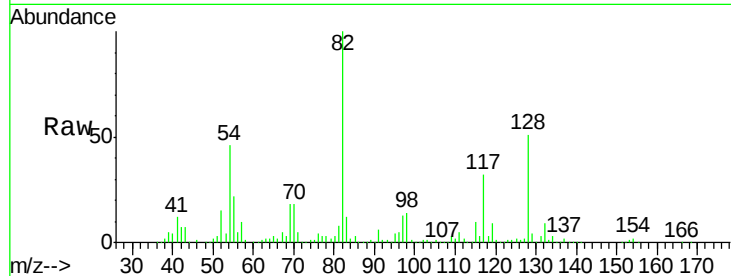




#24
 Nitrobenzene
 Concen: 2.12 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

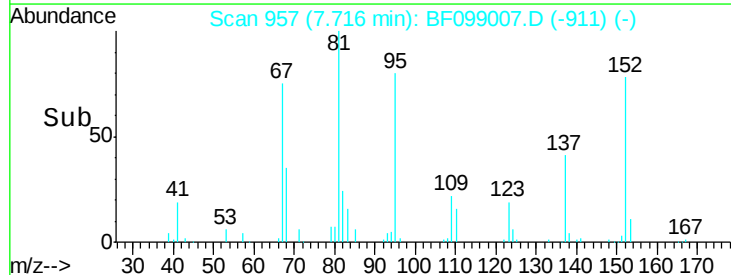
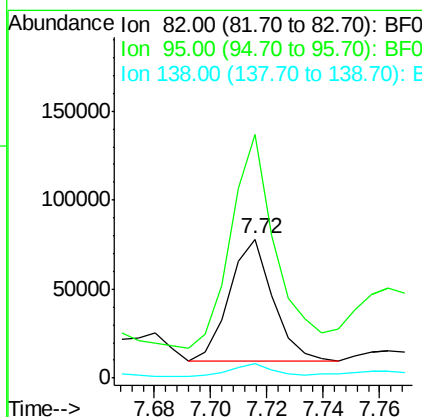
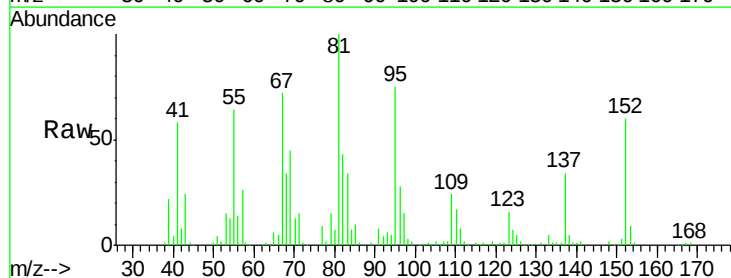
Instrument :
 BNA_F
 ClientSampleId :

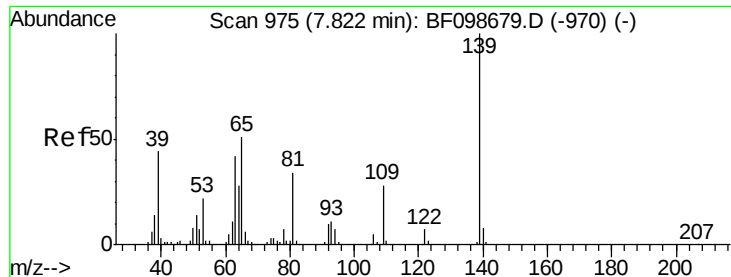
Tot Ion: 77 Resp: 16113
 Ion Ratio Lower Upper
 77 100
 123 33.6 37.9 56.9#
 65 90.0 11.0 16.4#



#25
 Isophorone
 Concen: 5.31 ng
 RT: 7.72 min Scan# 957
 Delta R.T. -0.03 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Tgt Ion: 82 Resp: 73505
 Ion Ratio Lower Upper
 82 100
 95 174.8 5.2 7.8#
 138 10.6 14.9 22.3#

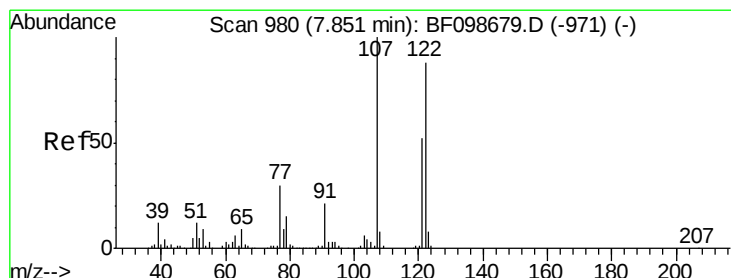
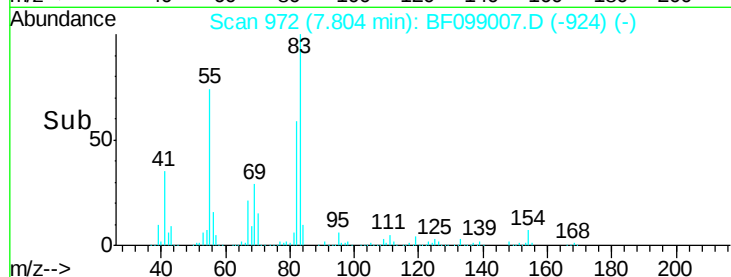
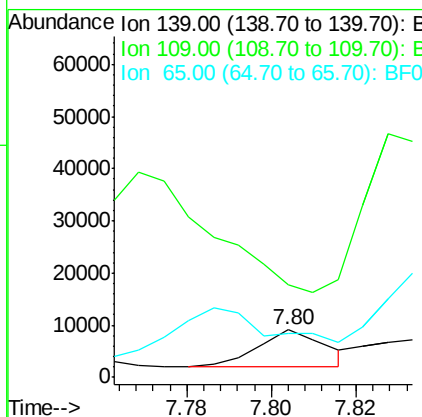
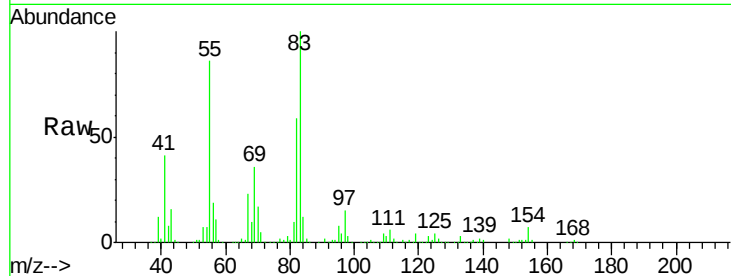




#26
2-Nitrophenol
Concen: 2.08 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

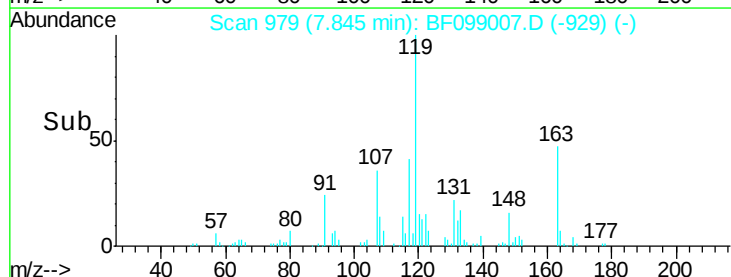
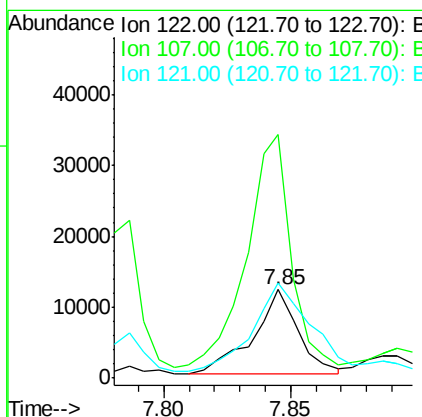
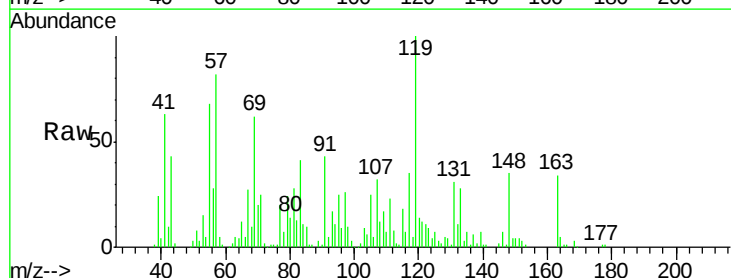
Instrument :
BNA_F
ClientSampleId :

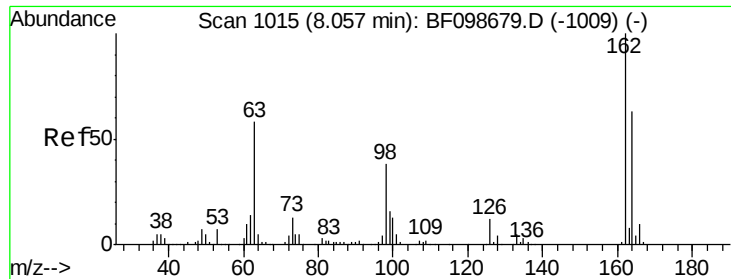
Tot Ion:139 Resp: 7588
Ion Ratio Lower Upper
139 100
109 194.9 22.7 34.1#
65 92.3 40.5 60.7#



#27
2,4-Dimethylphenol
Concen: 2.12 ng
RT: 7.85 min Scan# 979
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:122 Resp: 14645
Ion Ratio Lower Upper
122 100
107 276.3 91.2 136.8#
121 107.6 47.2 70.8#

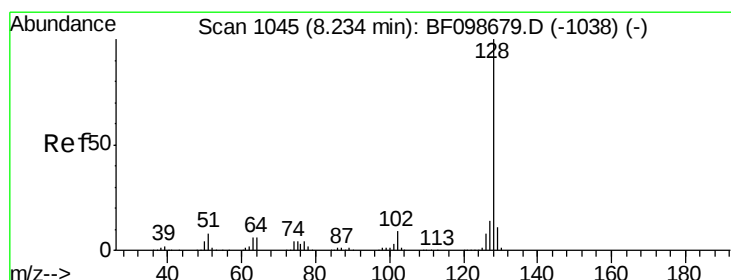
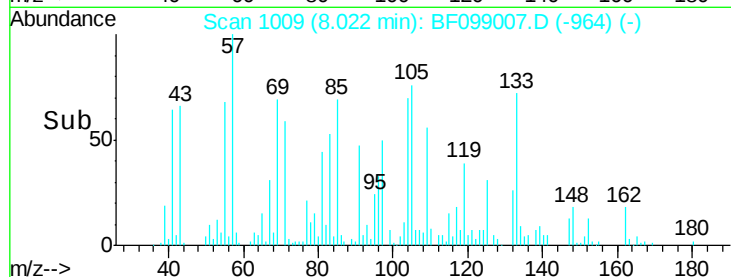
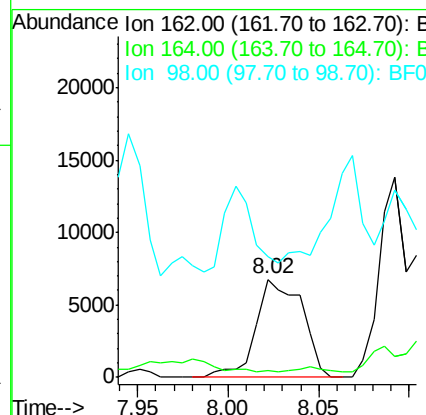
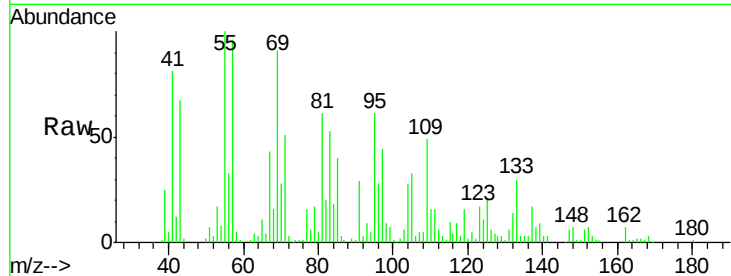




#29
2,4-Dichlorophenol
Concen: 2.03 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.04 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

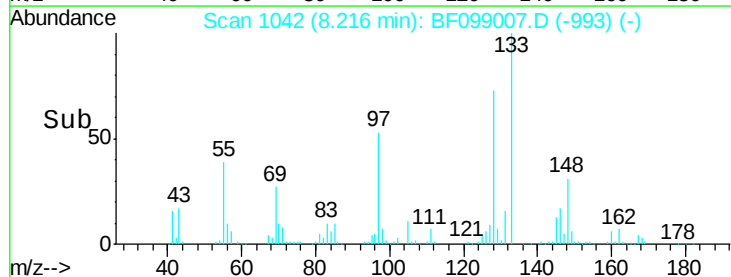
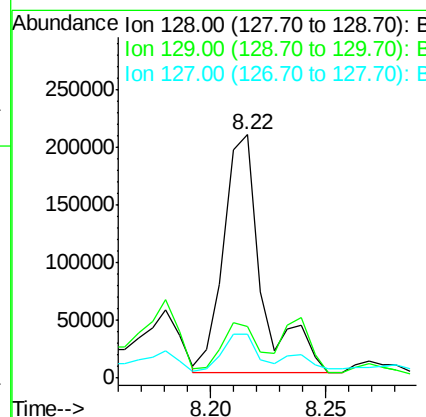
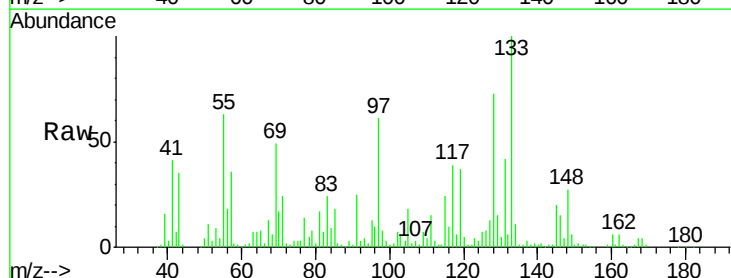
Instrument :
BNA_F
ClientSampleId :

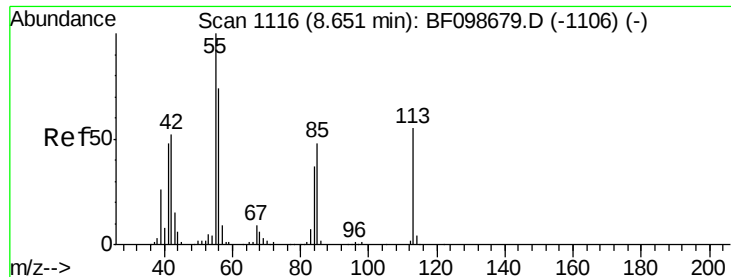
Tot Ion:162 Resp: 12024
Ion Ratio Lower Upper
162 100
164 7.1 42.7 82.7#
98 123.9 18.1 58.1#



#31
Naphthalene
Concen: 11.87 ng
RT: 8.22 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:128 Resp: 239232
Ion Ratio Lower Upper
128 100
129 21.1 8.8 13.2#
127 18.1 10.9 16.3#





#35

Caprolactam

Concen: 9.67 ng

RT: 8.65 min Scan# 1116

Delta R.T. -0.00 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampleId :

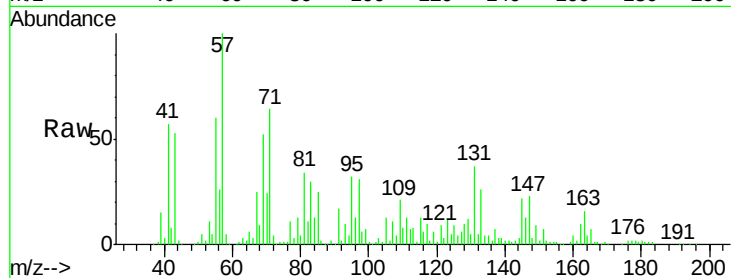
Tot Ion:113 Resp: 18353

Ion Ratio Lower Upper

113 100

55 771.6 163.3 203.3#

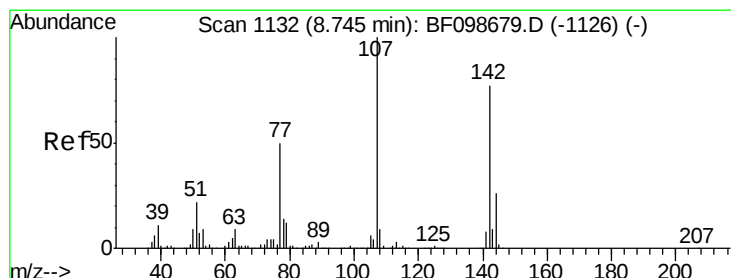
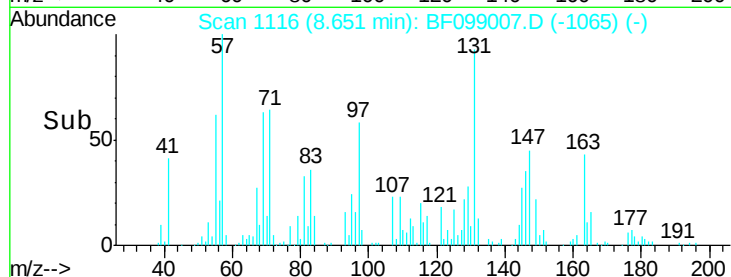
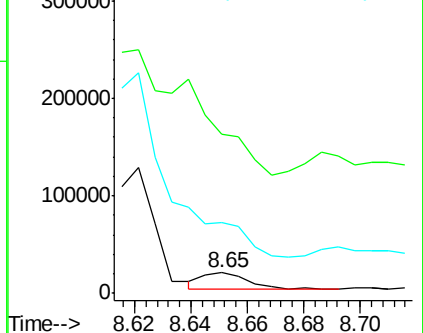
56 341.1 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 2.59 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

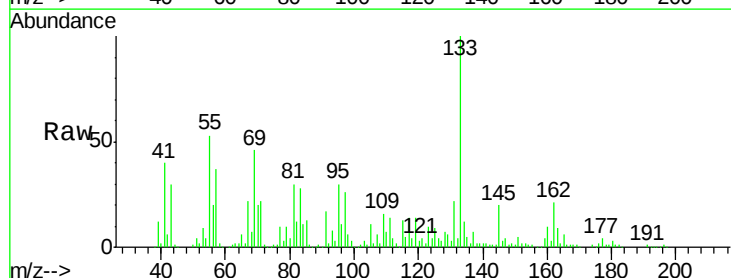
Tgt Ion:107 Resp: 17258

Ion Ratio Lower Upper

107 100

144 9.4 20.5 30.7#

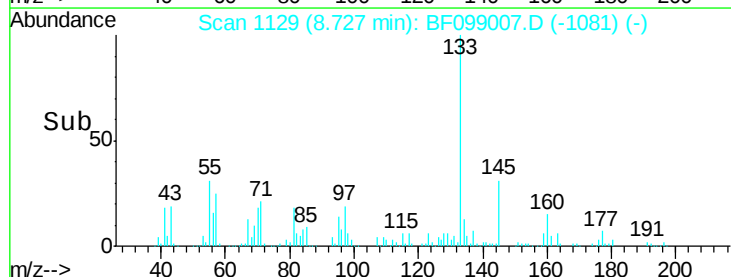
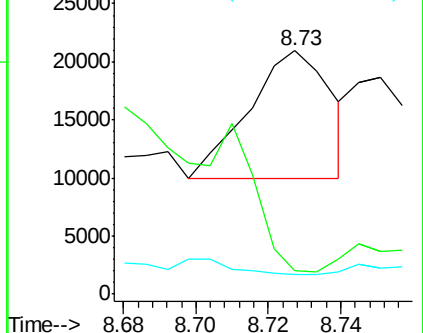
142 8.1 62.0 93.0#

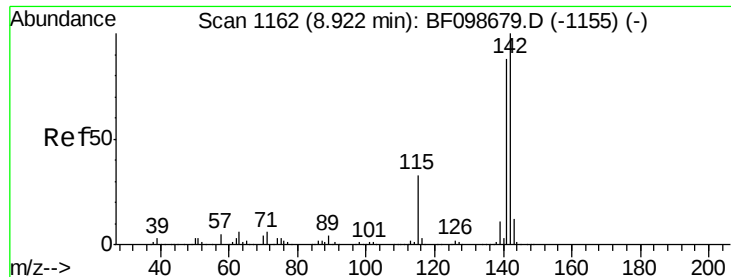


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

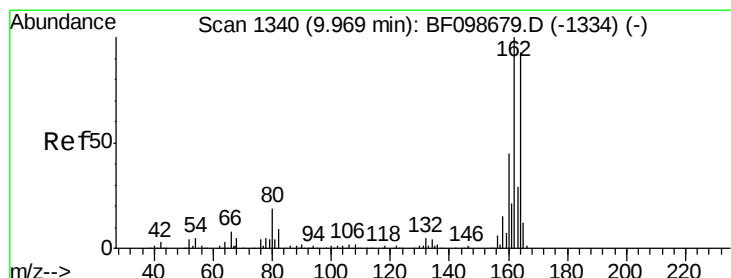
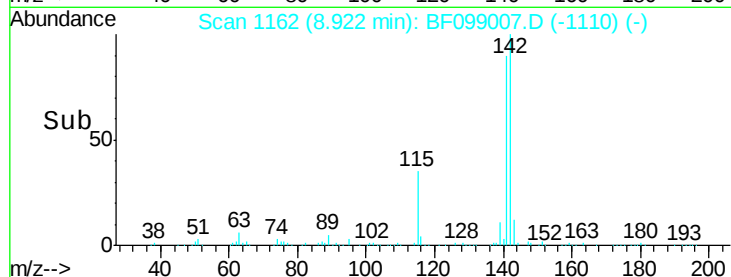
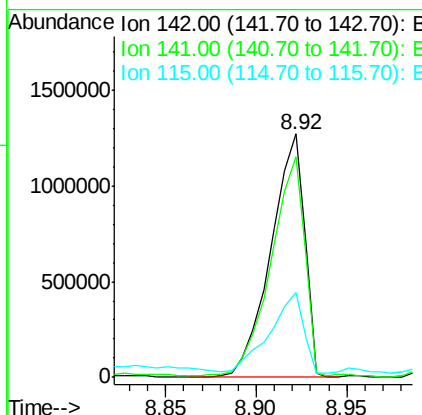
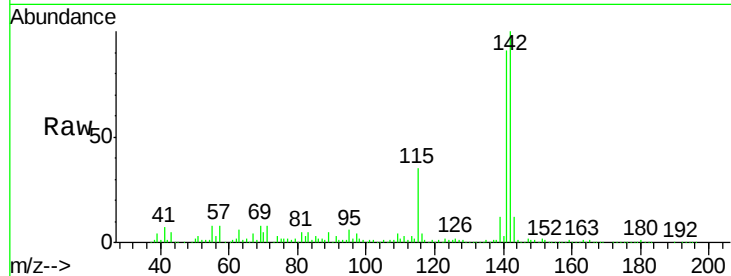




#37
 2-Methylnaphthalene
 Concen: 125.21 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. 0.01 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

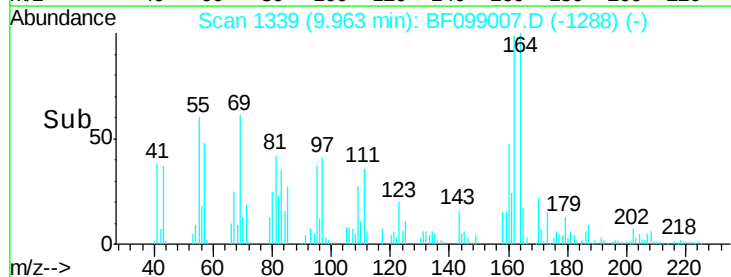
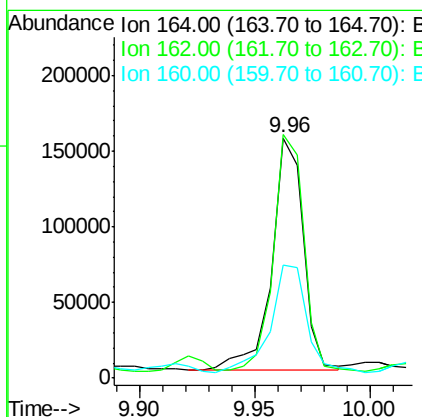
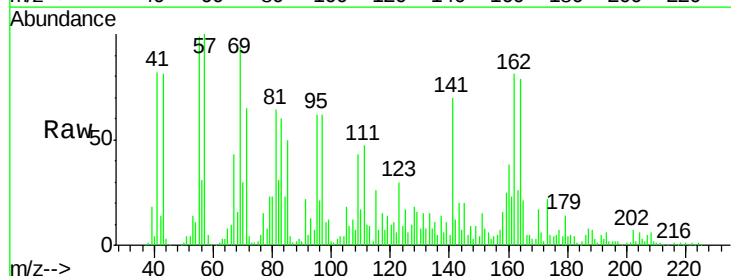
Instrument :
 BNA_F
 ClientSampleId :

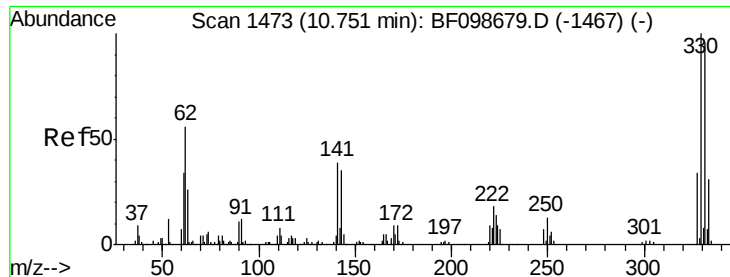
Tot Ion:142 Resp: 1640821
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.8 106.2
 115 35.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Tgt Ion:164 Resp: 144162
 Ion Ratio Lower Upper
 164 100
 162 101.5 86.1 129.1
 160 47.4 38.3 57.5

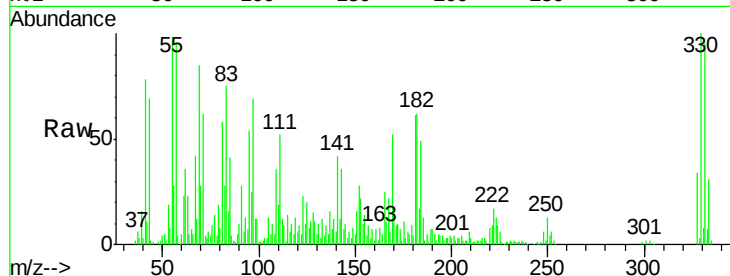




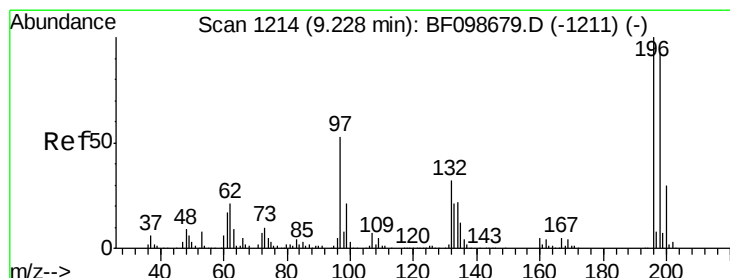
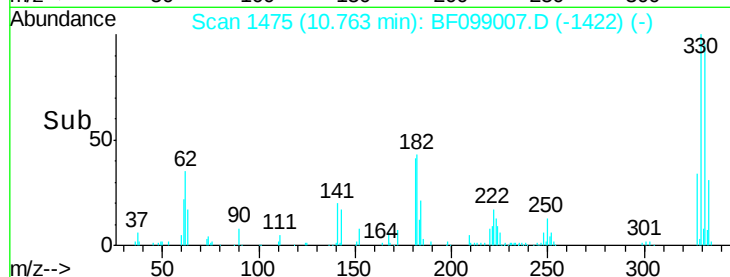
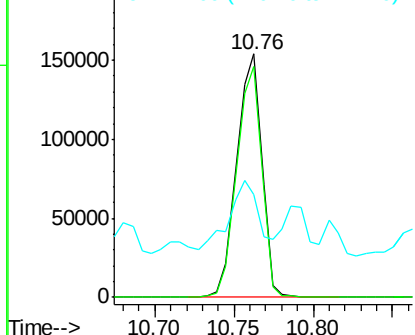
#41
 2,4,6-Tribromophenol
 Concen: 142.96 ng
 RT: 10.76 min Scan# 1475
 Delta R.T. 0.01 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 168637
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 31.5 29.9 44.9

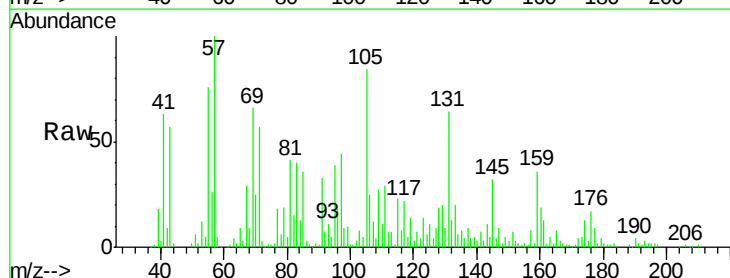


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

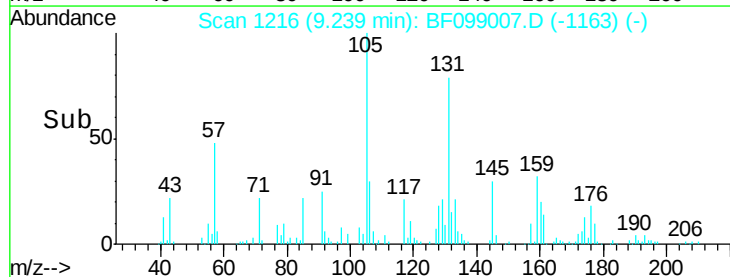
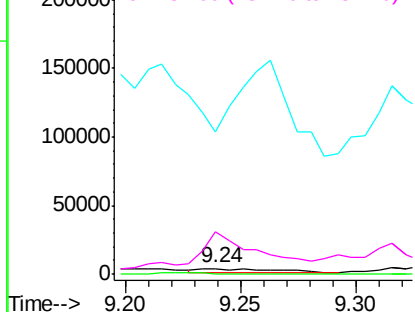


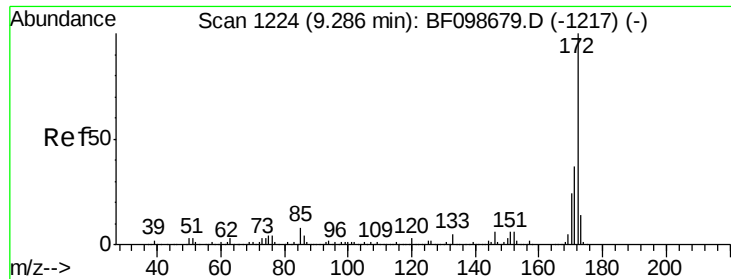
#43
 2,4,5-Trichlorophenol
 Concen: 2.24 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Tgt Ion:196 Resp: 6796
 Ion Ratio Lower Upper
 196 100
 198 0.0 74.6 112.0#
 97 2486.9 42.9 64.3#
 132 737.3 26.3 39.5#



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



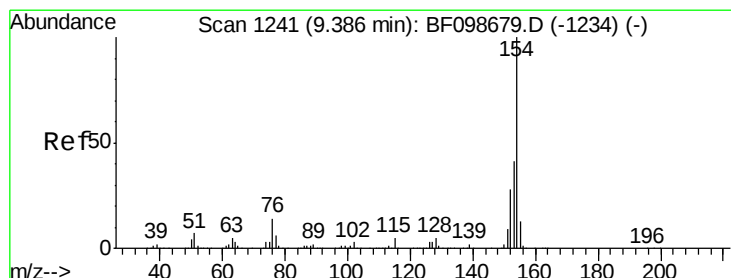
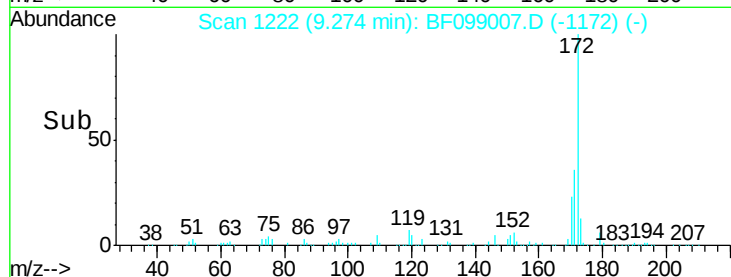
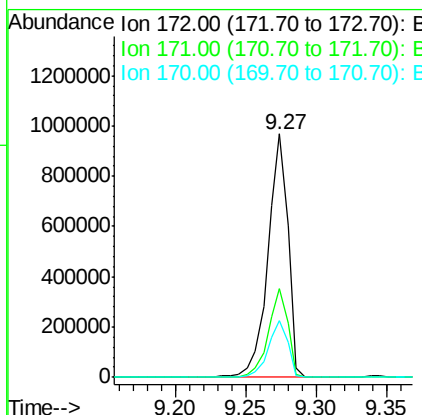
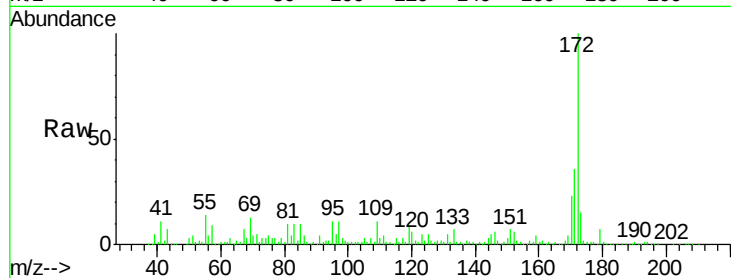


#44
 2-Fluorobiphenyl
 Concen: 112.04 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 967557

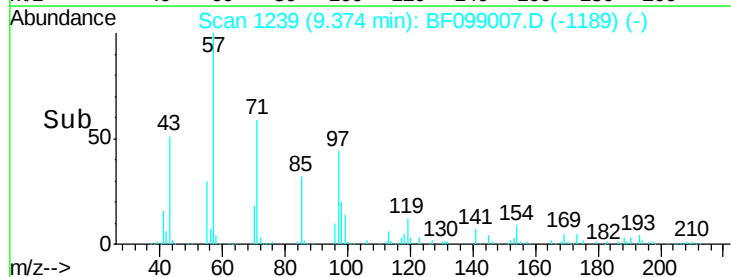
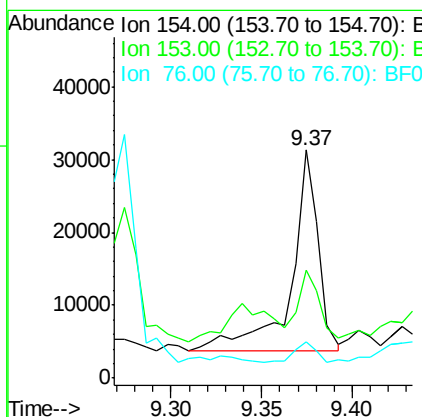
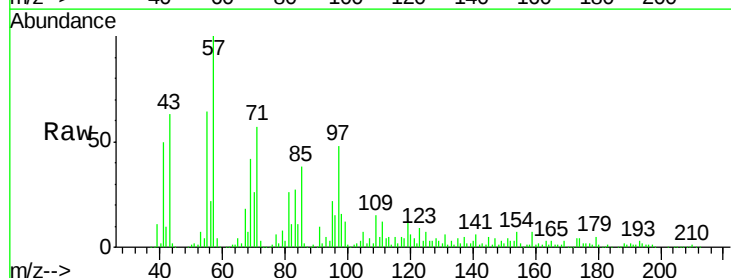
Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	23.4	19.6	29.4

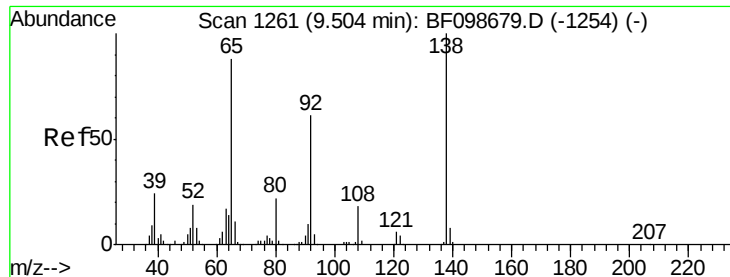


#45
 1,1'-Biphenyl
 Concen: 2.34 ng
 RT: 9.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Tgt Ion:154 Resp: 28974

Ion	Ratio	Lower	Upper
154	100		
153	47.6	21.3	61.3
76	15.8	0.0	34.0





#47

2-Nitroaniline

Concen: 2.95 na

RT: 9.51 min Scan# 1262

Delta R.T. 0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

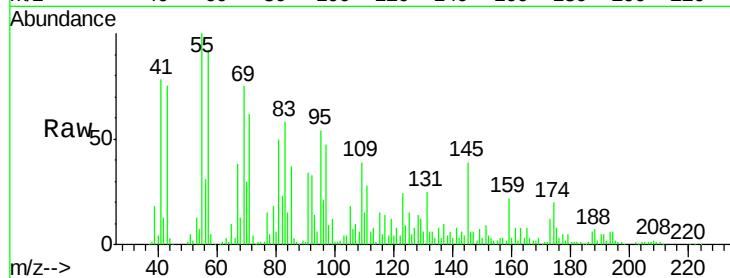
Tot Ion: 65 Resp: 8416

Ion Ratio Lower Upper

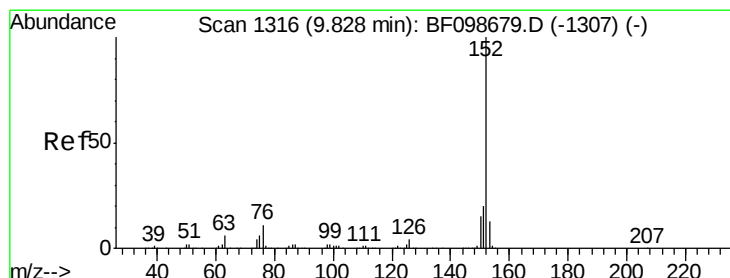
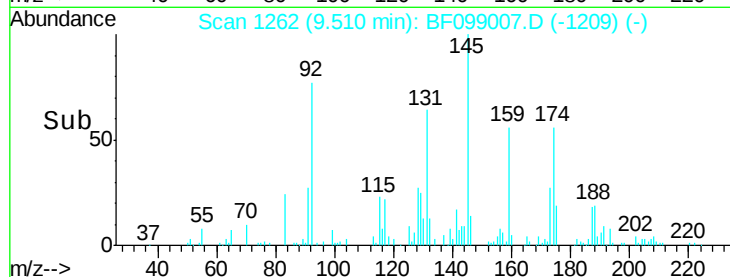
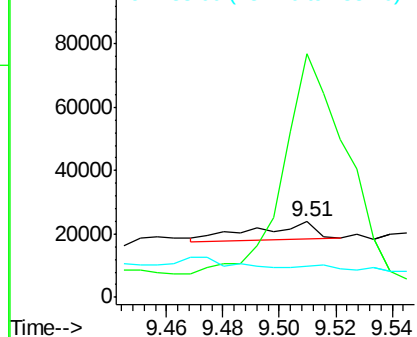
65 100

92 321.5 55.8 83.6#

138 40.9 91.2 136.8#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 5.37 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.00 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

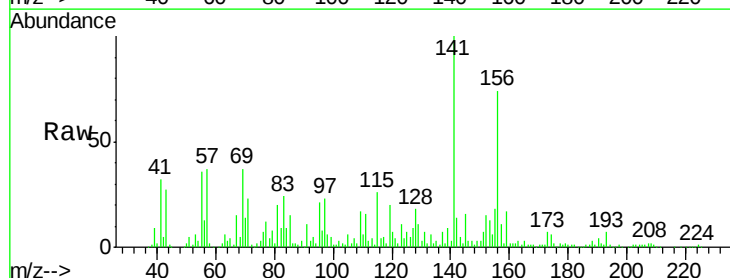
Tgt Ion:152 Resp: 76463

Ion Ratio Lower Upper

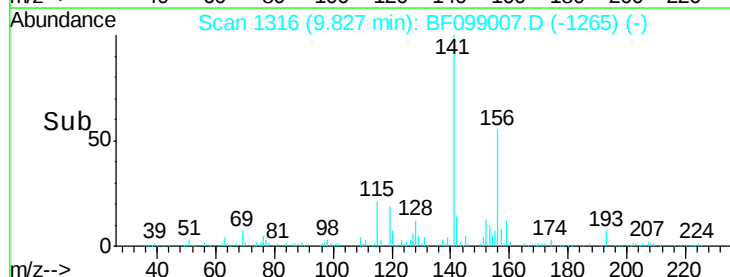
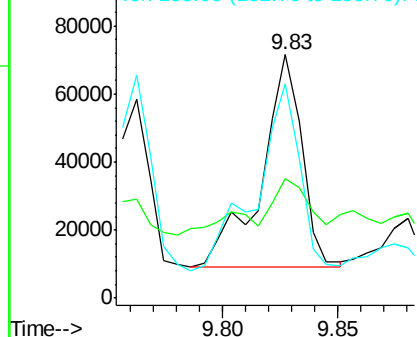
152 100

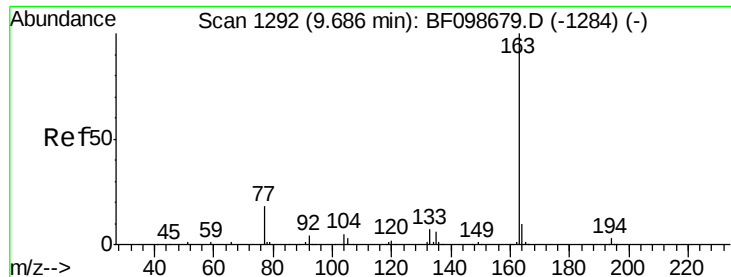
151 49.3 16.3 24.5#

153 88.0 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

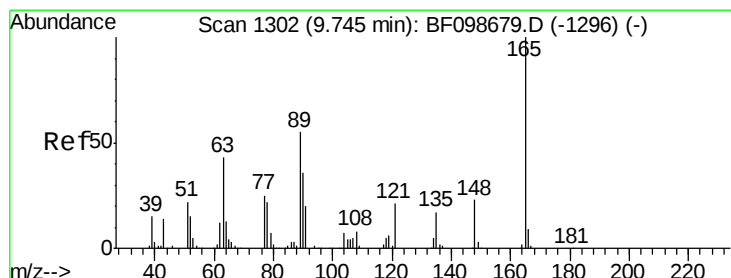
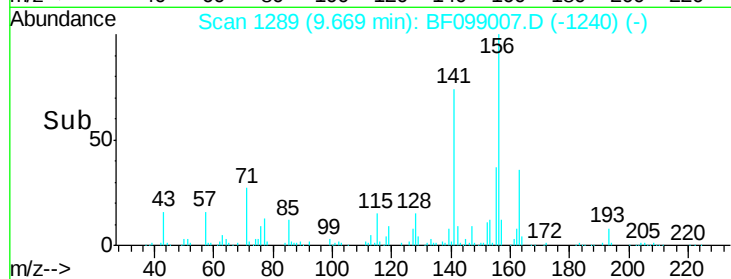
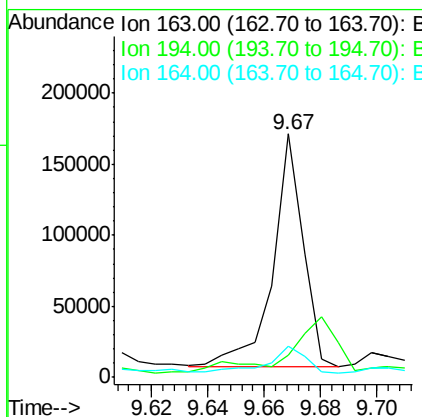
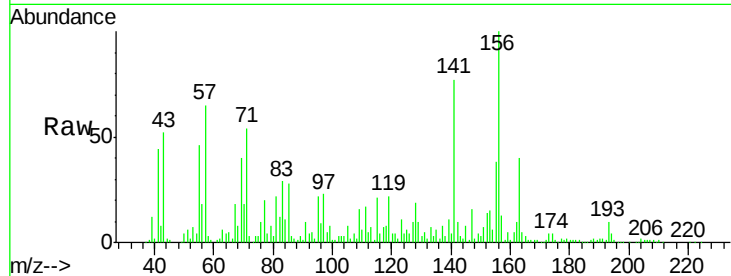




#49
Dimethylphthalate
Concen: 11.22 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

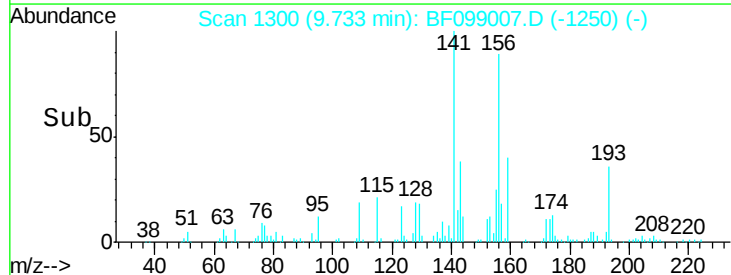
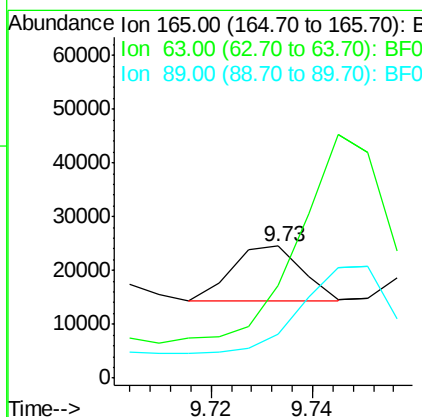
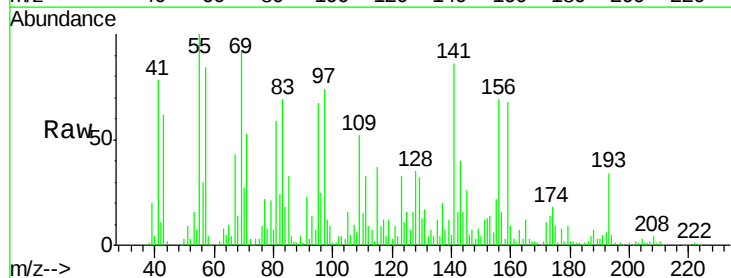
Instrument :
BNA_F
ClientSampleId :

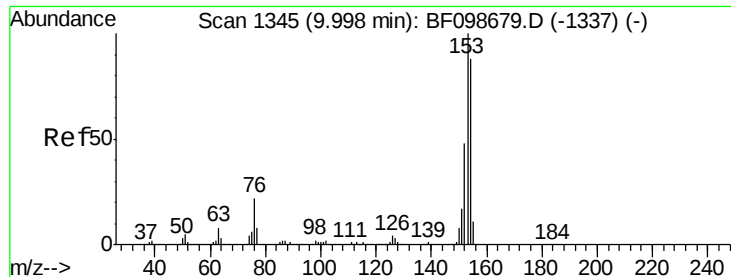
Tot Ion:163 Resp: 122084
Ion Ratio Lower Upper
163 100
194 9.0 2.7 4.1#
164 12.9 8.2 12.2#



#50
2,6-Dinitrotoluene
Concen: 4.18 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:165 Resp: 9891
Ion Ratio Lower Upper
165 100
63 70.2 44.7 67.1#
89 33.8 44.0 66.0#





#51

Acenaphthene

Concen: 14.33 ng

RT: 10.00 min Scan# 1345

Delta R.T. -0.00 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

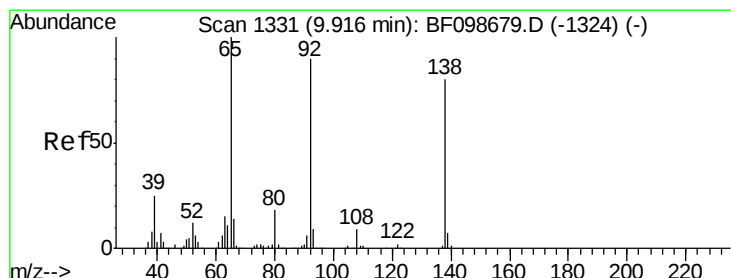
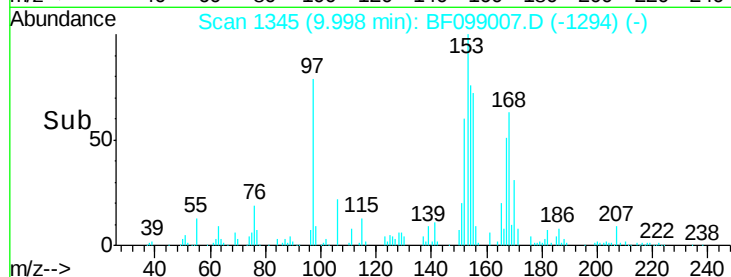
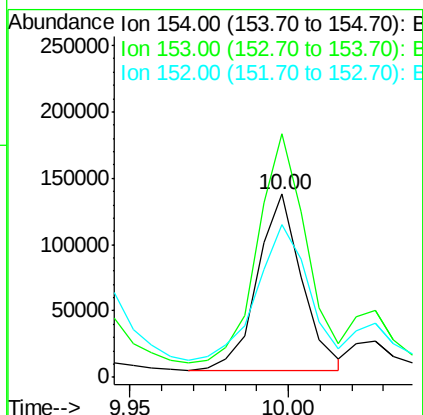
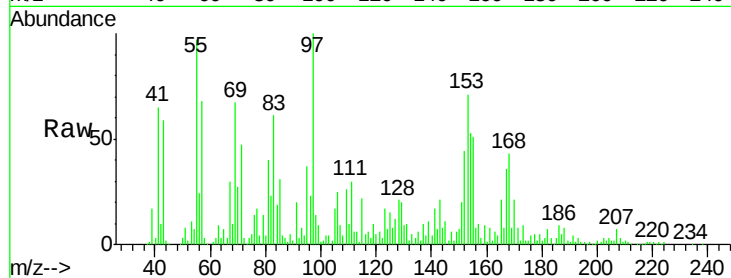
Tot Ion:154 Resp: 129264

Ion Ratio Lower Upper

154 100

153 132.7 91.2 136.8

152 83.3 43.8 65.8#



#52

3-Nitroaniline

Concen: 5.50 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

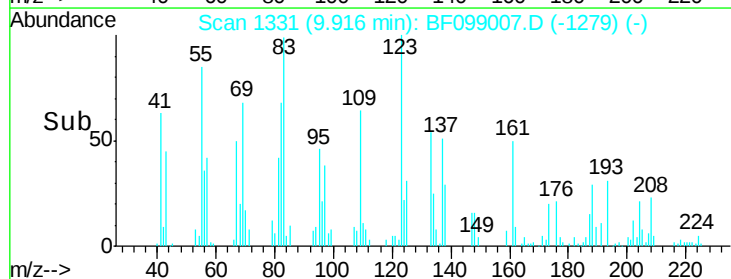
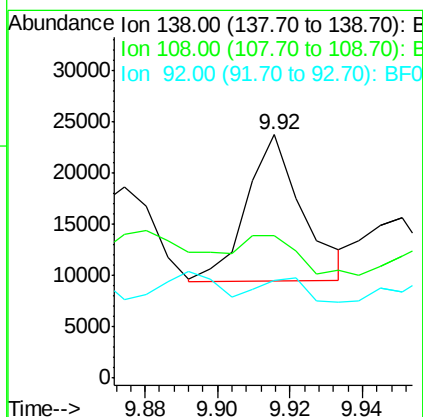
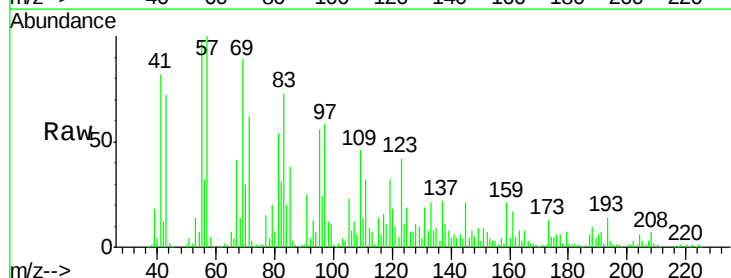
Tgt Ion:138 Resp: 15187

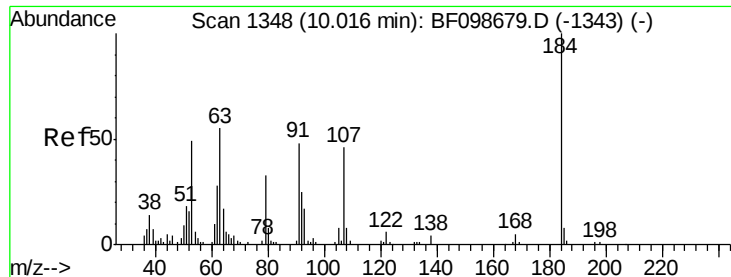
Ion Ratio Lower Upper

138 100

108 58.8 9.4 14.0#

92 40.3 89.4 134.2#

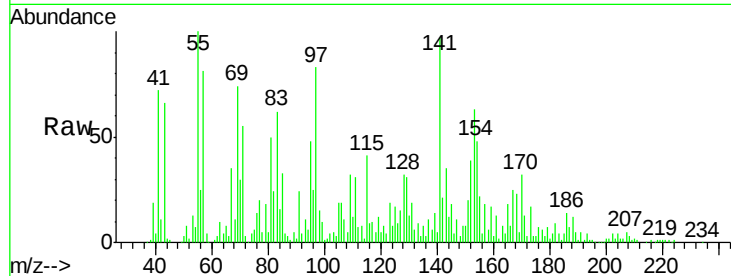




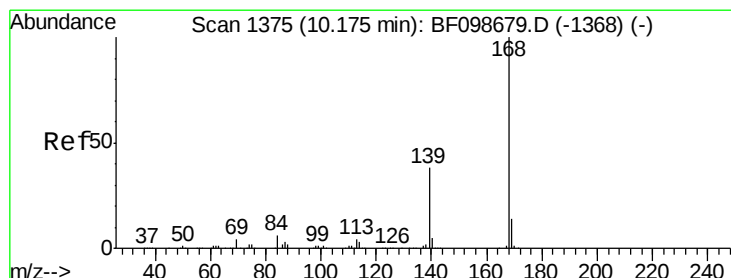
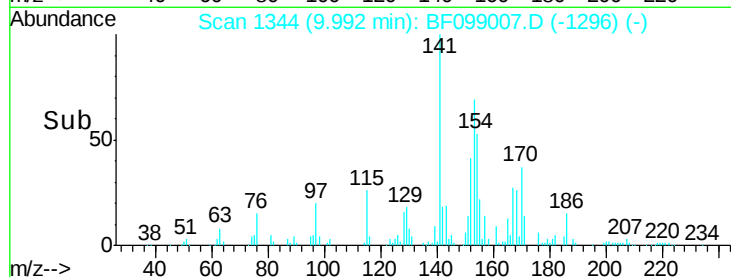
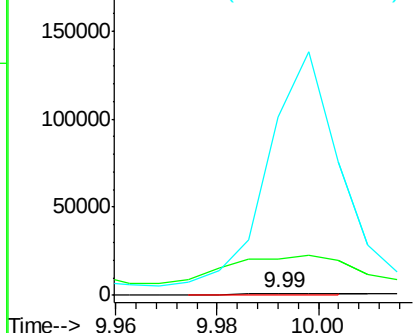
#53
2,4-Dinitrophenol
Concen: 6.91 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:184 Resp: 1442
Ion Ratio Lower Upper
184 100
63 1750.5 54.2 81.2#
154 8516.5 53.5 80.3#

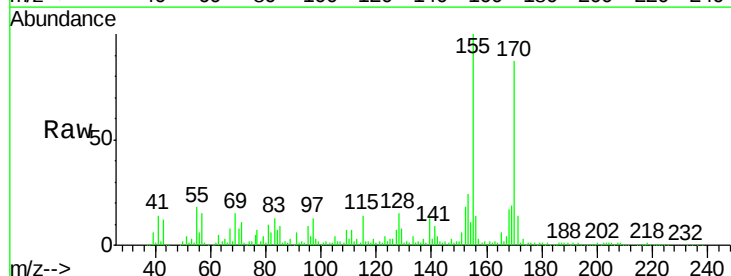


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

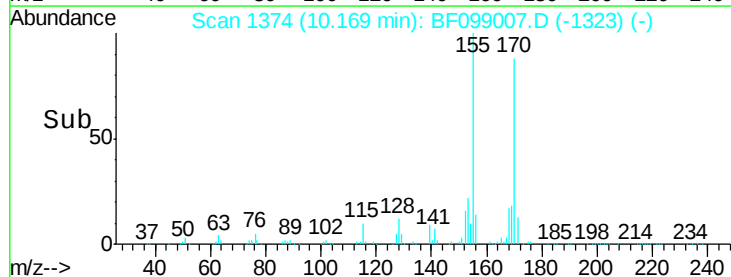
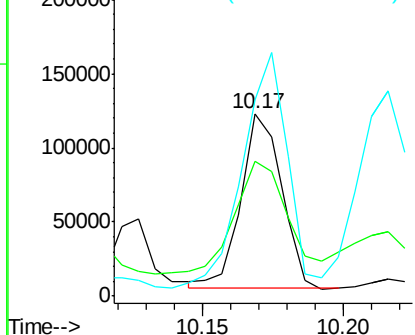


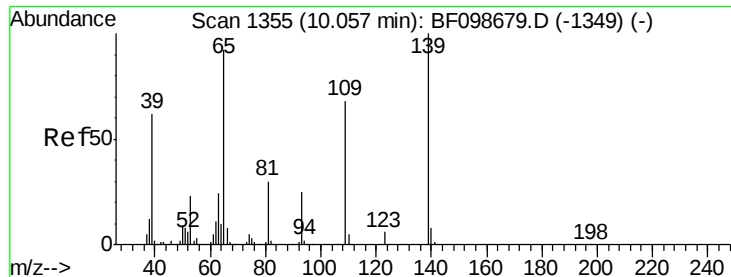
#54
Dibenzofuran
Concen: 9.85 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:168 Resp: 118290
Ion Ratio Lower Upper
168 100
139 73.9 30.1 45.1#
169 107.8 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

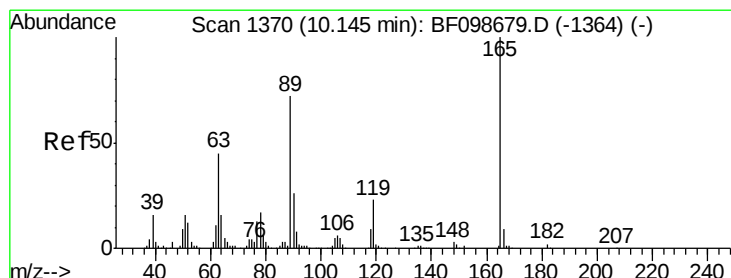
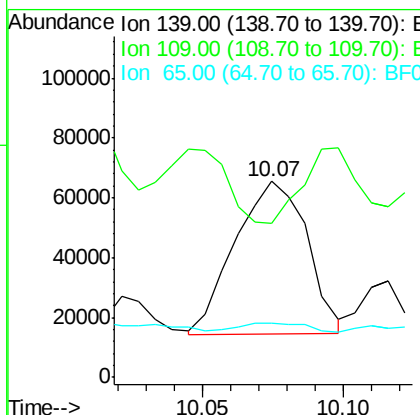
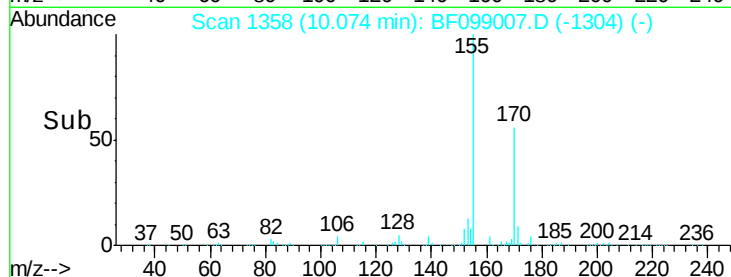
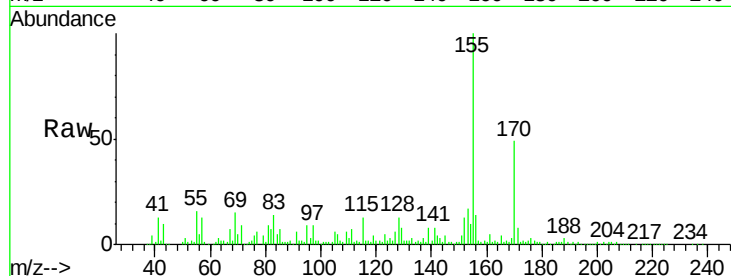




#55
4-Nitrophenol
Concen: 38.86 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

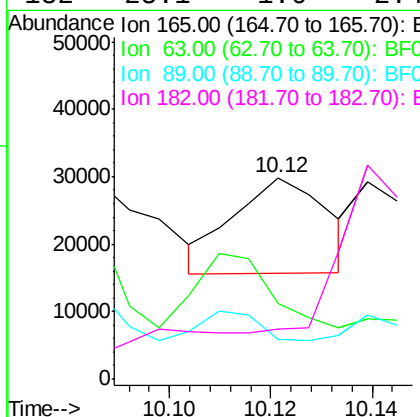
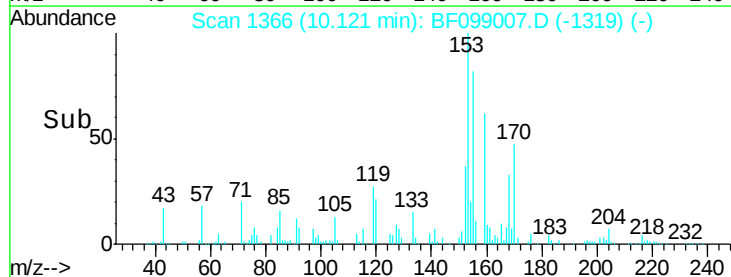
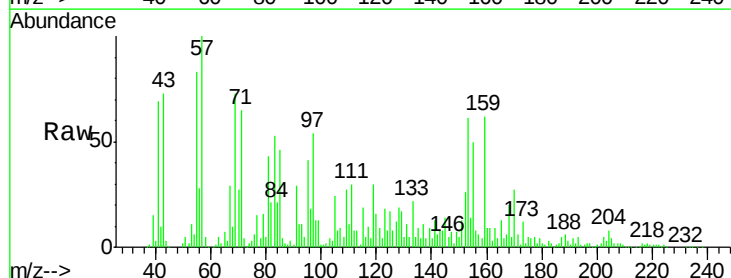
Instrument :
BNA_F
ClientSampled :

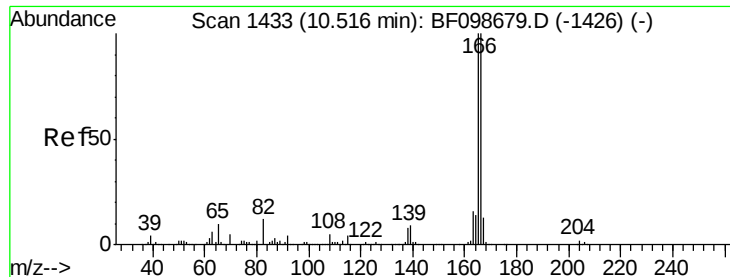
Tot Ion:139 Resp: 90755
Ion Ratio Lower Upper
139 100
109 78.8 48.4 88.4
65 27.7 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 5.80 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:165 Resp: 17823
Ion Ratio Lower Upper
165 100
63 37.7 36.4 54.6
89 19.6 57.8 86.6#
182 25.1 1.6 2.4#





#57

Fluorene

Concen: 25.03 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampleId :

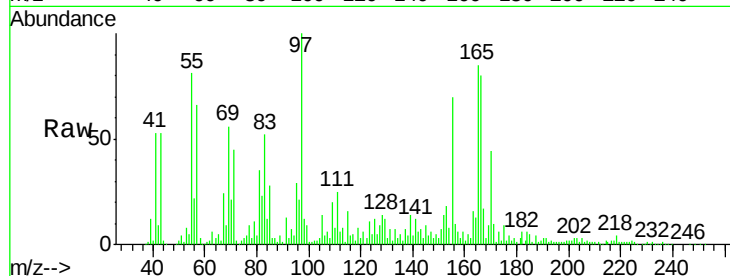
Tot Ion:166 Resp: 241613

Ion Ratio Lower Upper

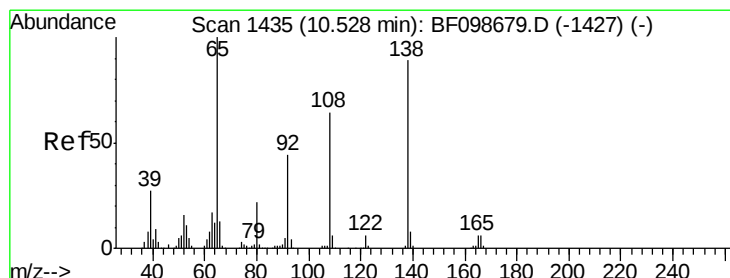
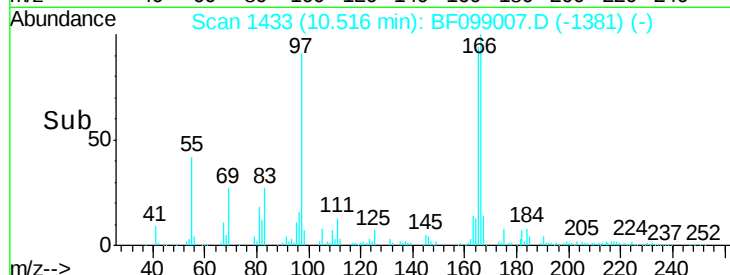
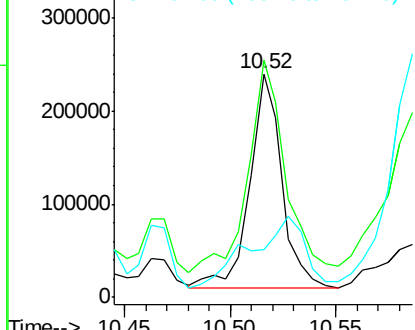
166 100

165 106.2 79.8 119.8

167 21.5 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#61

4-Nitroaniline

Concen: 3.67 ng

RT: 10.59 min Scan# 1445

Delta R.T. 0.06 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

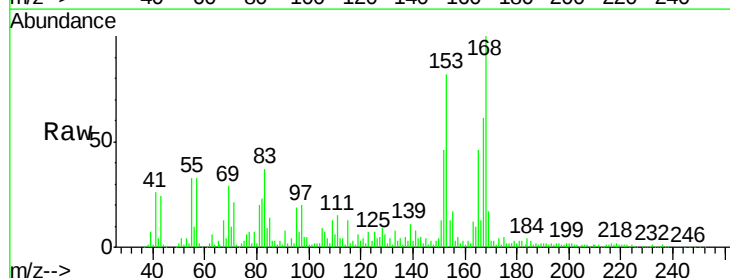
Tgt Ion:138 Resp: 9791

Ion Ratio Lower Upper

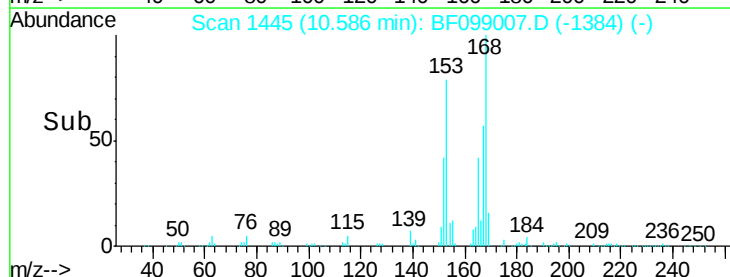
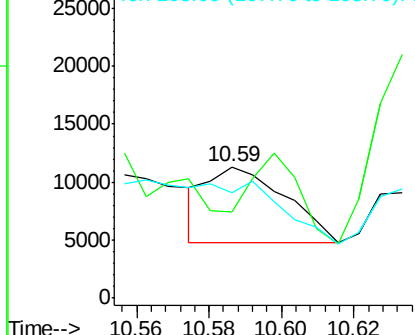
138 100

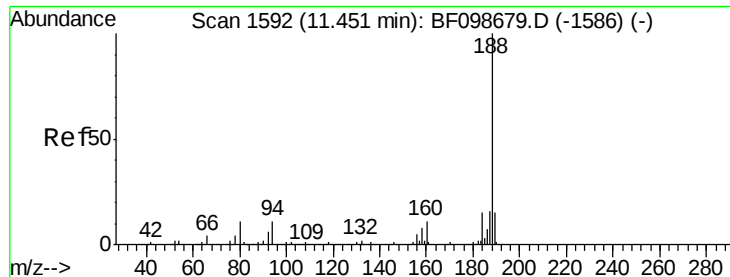
92 65.4 30.2 70.2

108 80.2 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

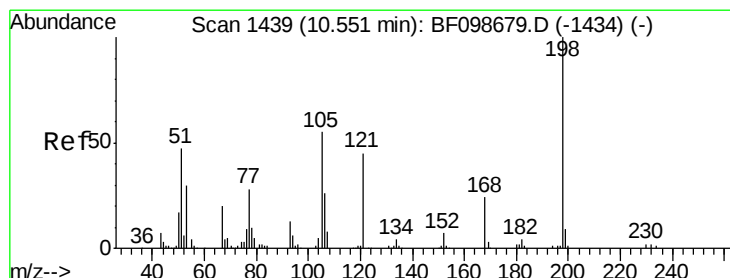
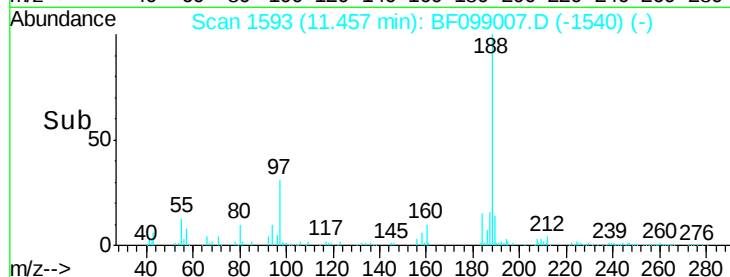
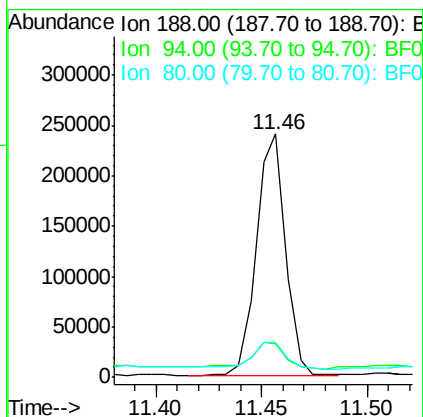
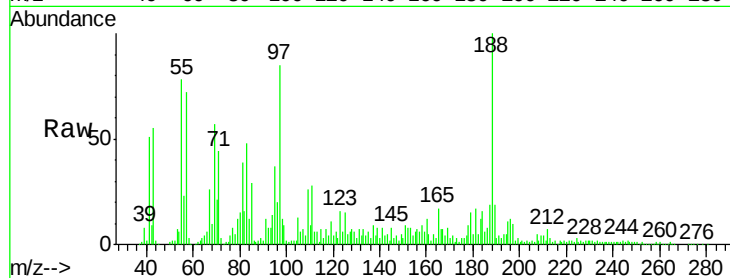




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 1593
Delta R.T. 0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

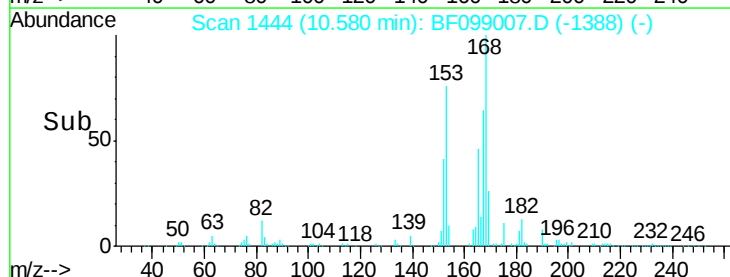
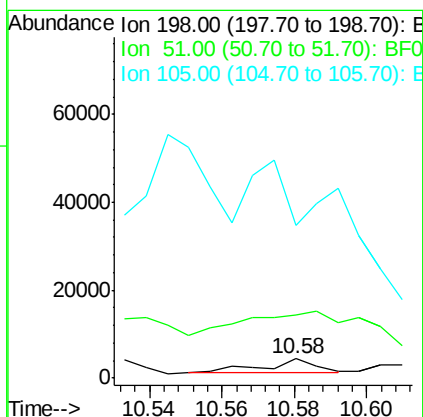
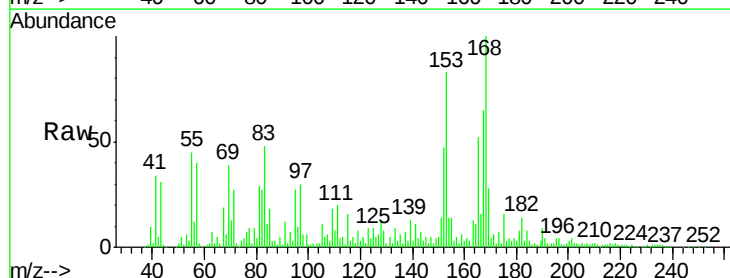
Instrument :
BNA_F
ClientSampleId :

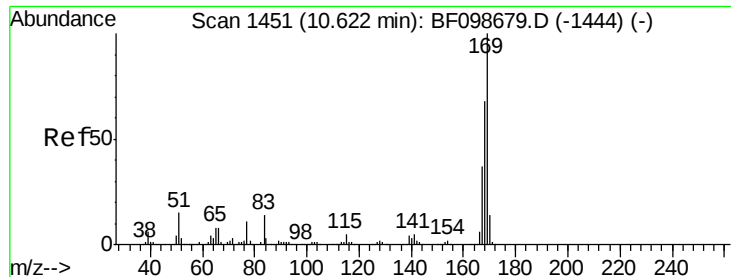
Tot Ion:188 Resp: 228283
Ion Ratio Lower Upper
188 100
94 14.0 8.5 12.7#
80 14.5 9.2 13.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.07 ng
RT: 10.58 min Scan# 1444
Delta R.T. 0.03 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:198 Resp: 2874
Ion Ratio Lower Upper
198 100
51 330.5 37.7 77.7#
105 797.6 36.3 76.3#





#65

n-Nitrosodiphenylamine

Concen: 42.76 ng

RT: 10.63 min Scan# 1452

Delta R.T. 0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

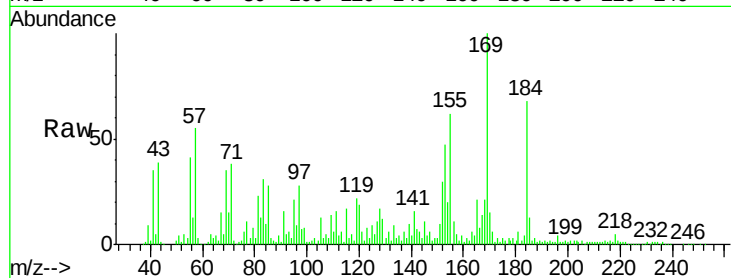
Tot Ion:169 Resp: 338155

Ion Ratio Lower Upper

169 100

168 20.6 54.4 81.6#

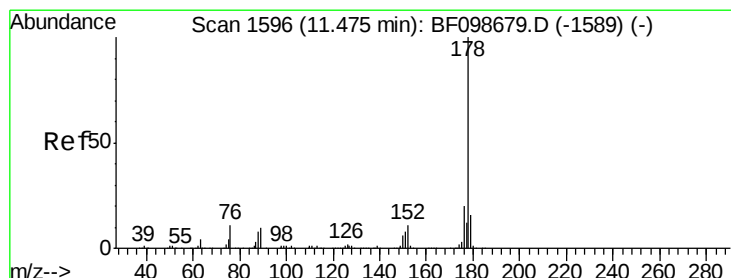
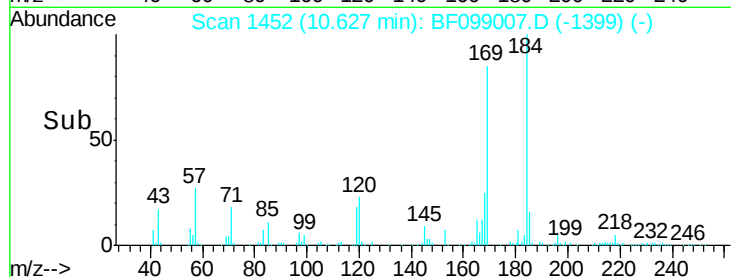
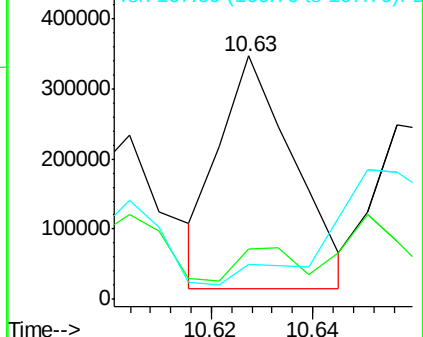
167 14.2 29.8 44.6#



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: 67.44 ng

RT: 11.48 min Scan# 1597

Delta R.T. 0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

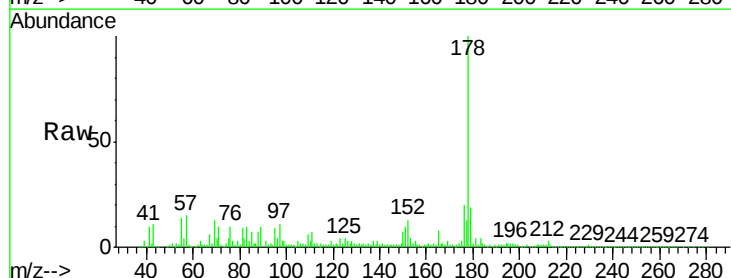
Tgt Ion:178 Resp: 824113

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

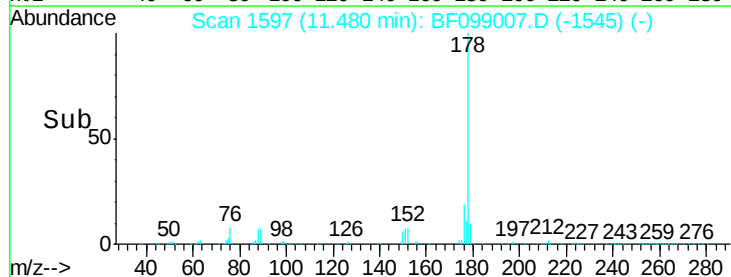
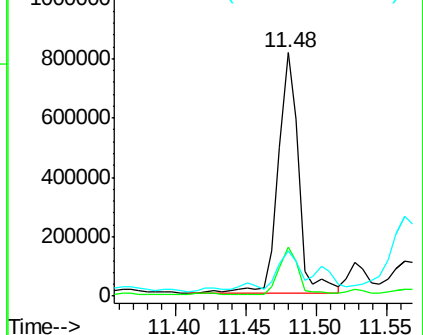
179 18.7 13.0 19.6

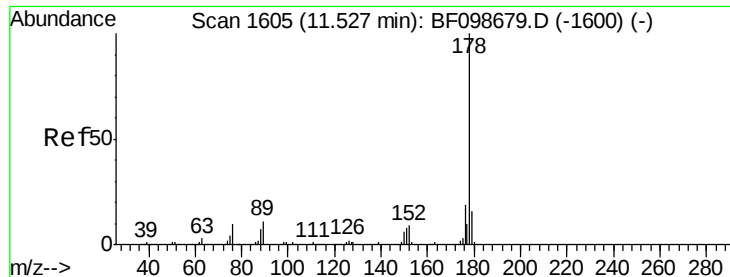


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

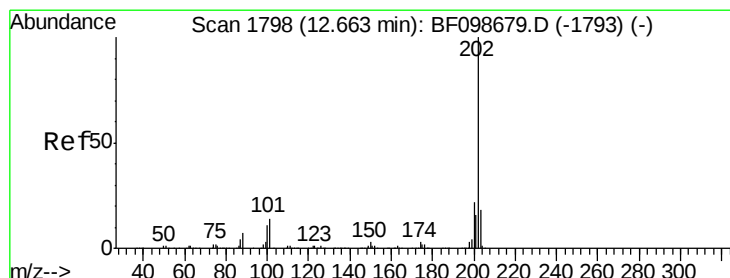
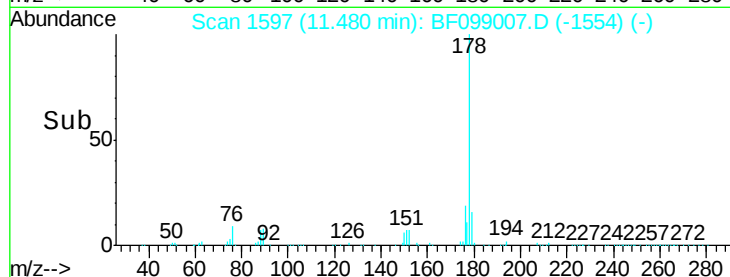
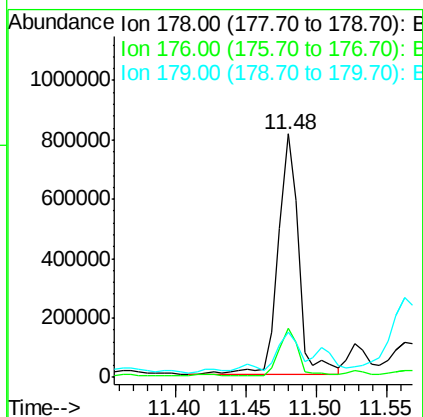
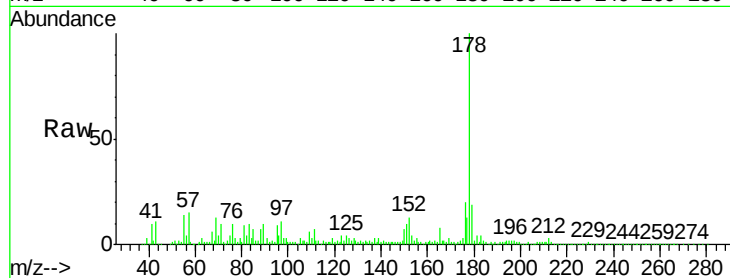




#71
 Anthracene
 Concen: 65.91 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.05 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

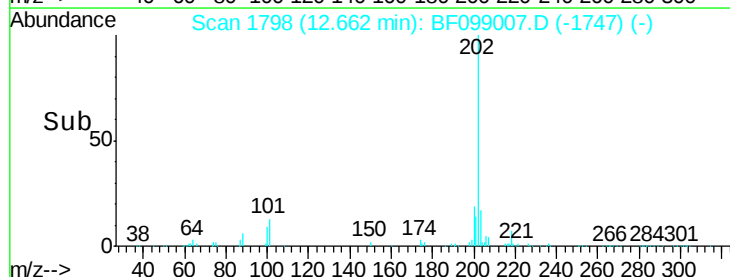
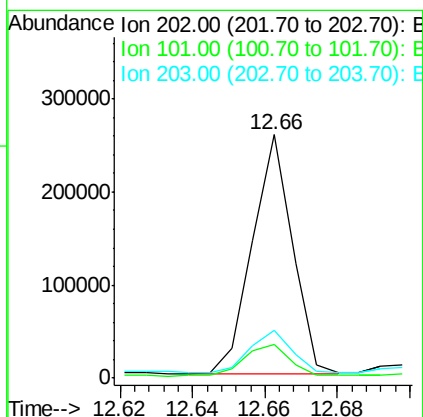
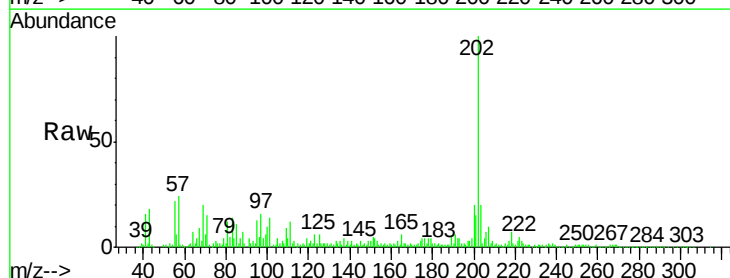
Instrument :
 BNA_F
 ClientSampled :

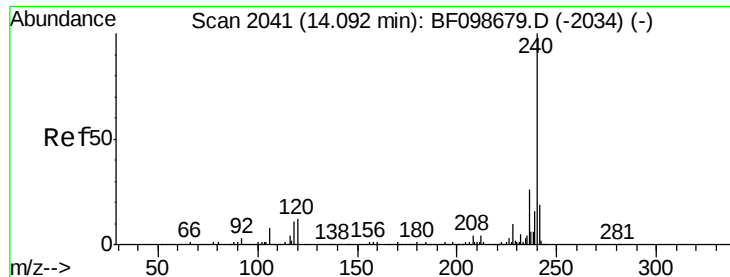
Tot Ion:178 Resp: 824113
 Ion Ratio Lower Upper
 178 100
 176 20.0 15.4 23.2
 179 18.7 12.6 19.0



#74
 Fluoranthene
 Concen: 15.88 ng
 RT: 12.66 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Tgt Ion:202 Resp: 196503
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 34.1
 203 19.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampleId :

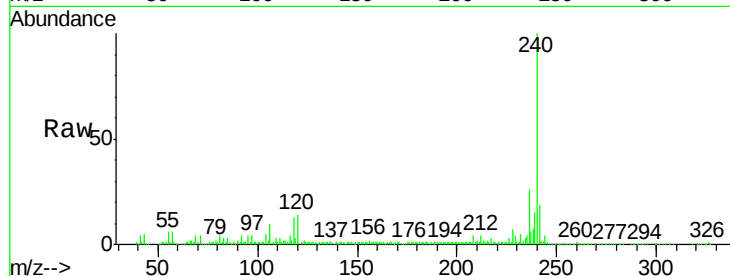
Tot Ion:240 Resp: 244207

Ion Ratio Lower Upper

240 100

120 14.0 9.5 14.3

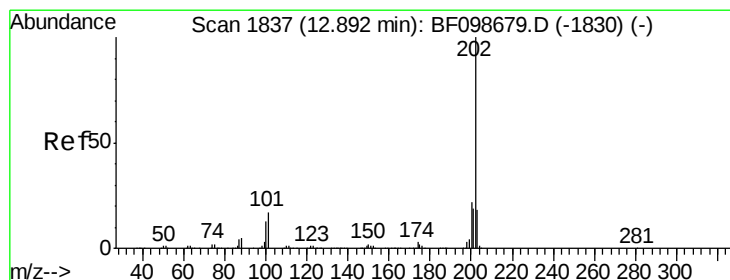
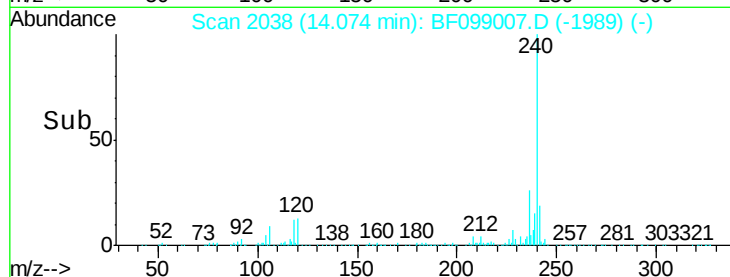
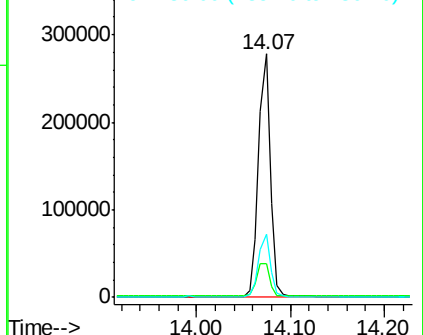
236 25.9 20.7 31.1



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



#77

Pyrene

Concen: 11.27 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

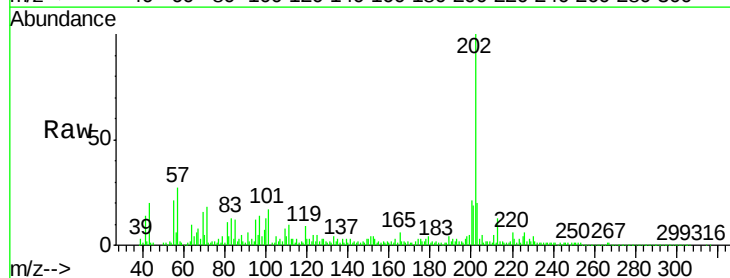
Tgt Ion:202 Resp: 209938

Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.2

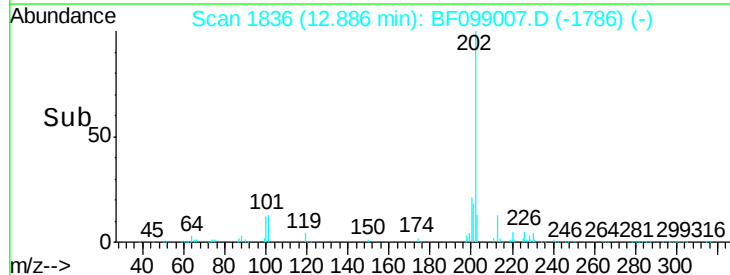
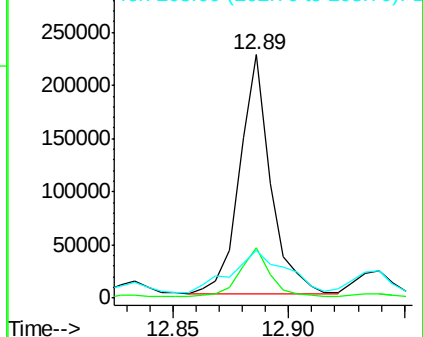
203 19.6 14.3 21.5

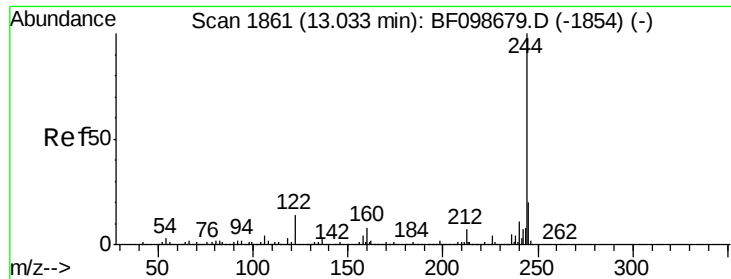


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.33 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

Instrument :

BNA_F

ClientSampled :

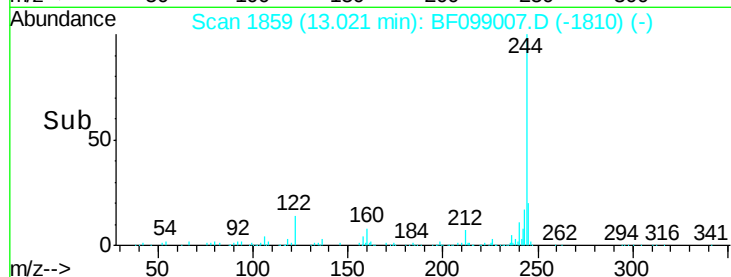
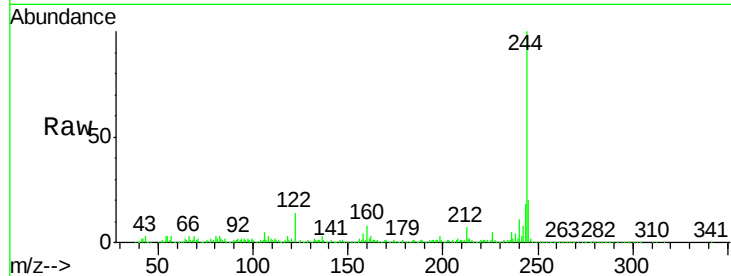
Tot Ion:244 Resp: 798116

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

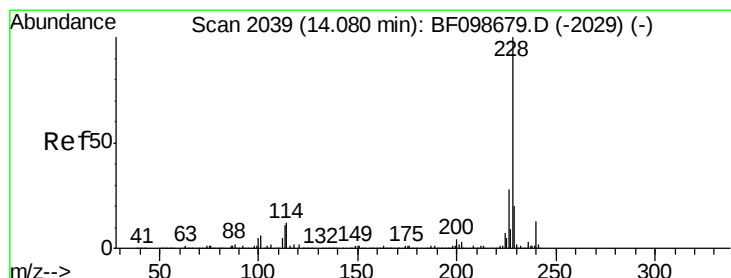
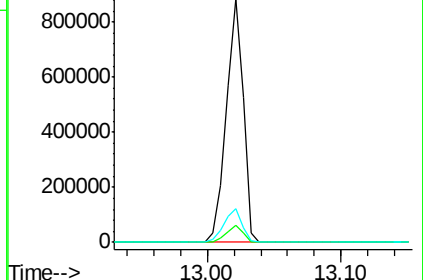
122 13.8 11.0 16.4



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: 5.83 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

Lab File: BF099007.D

Acq: 2 Oct 2017 18:43

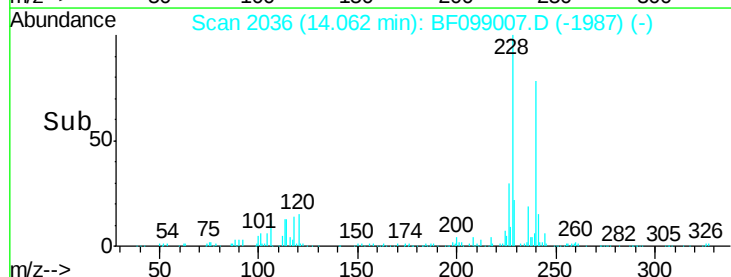
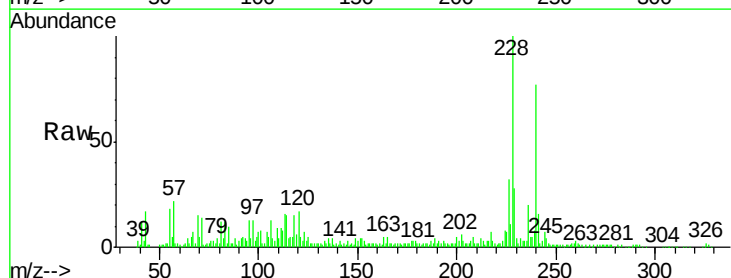
Tgt Ion:228 Resp: 86187

Ion Ratio Lower Upper

228 100

226 32.0 22.6 33.8

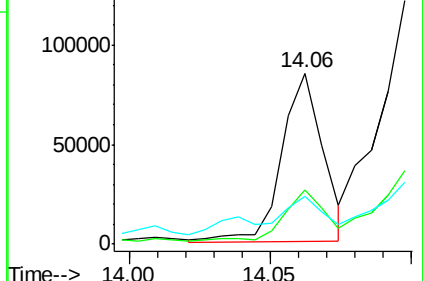
229 27.7 15.8 23.6#

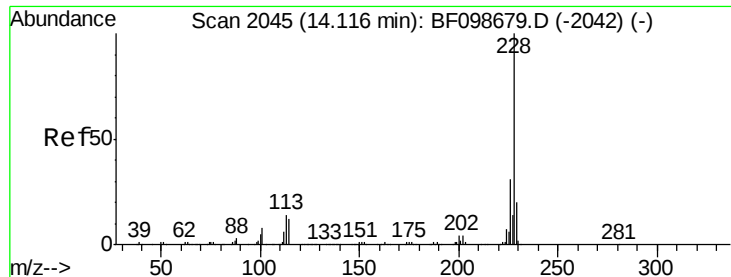


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

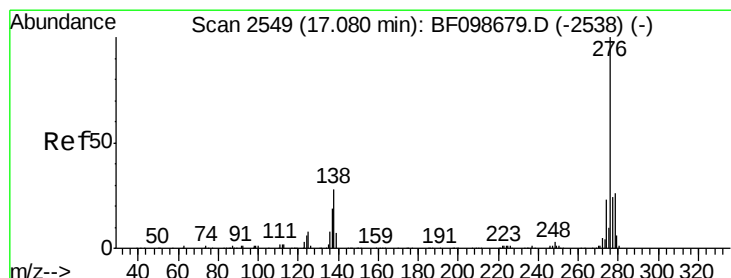
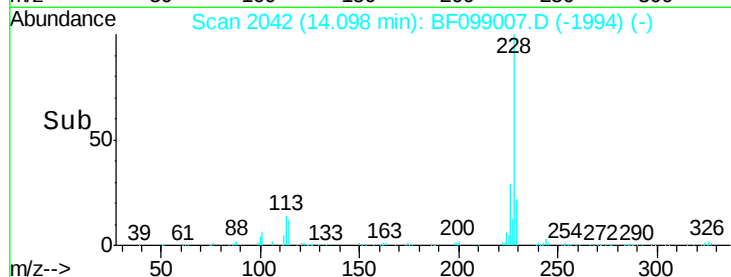
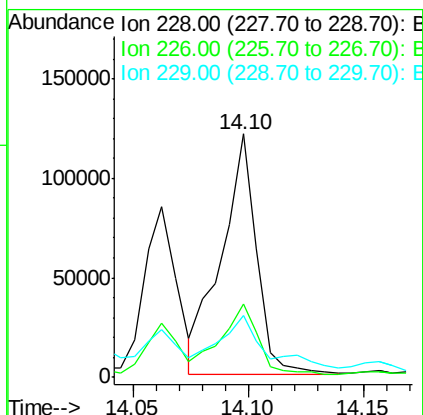
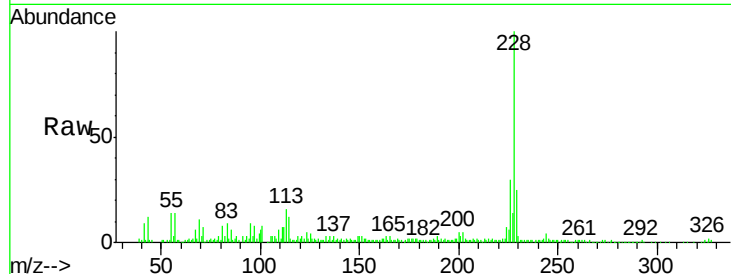




#82
Chrysene
Concen: 9.21 ng
RT: 14.10 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

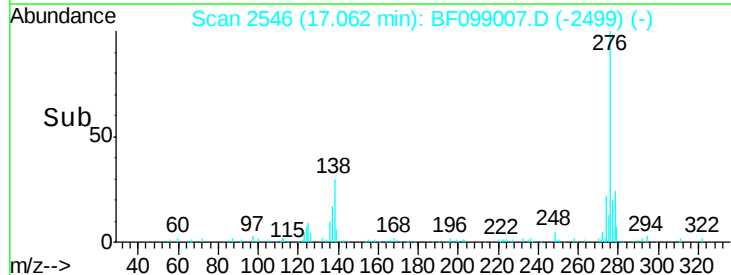
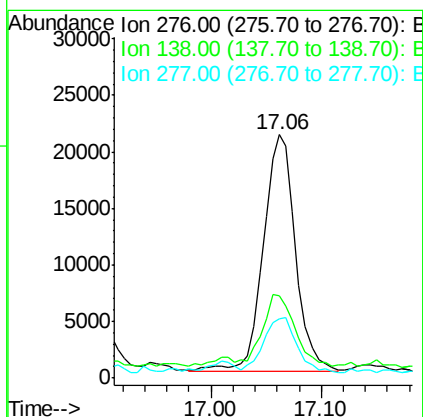
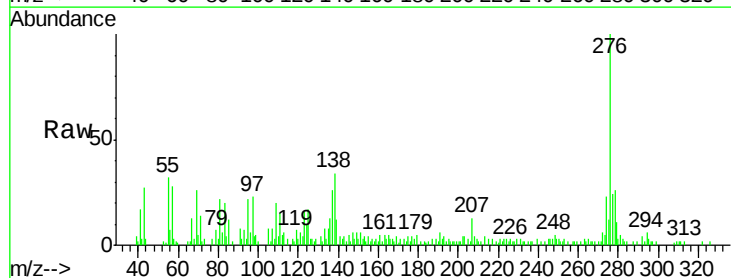
Instrument :
BNA_F
ClientSampleId :

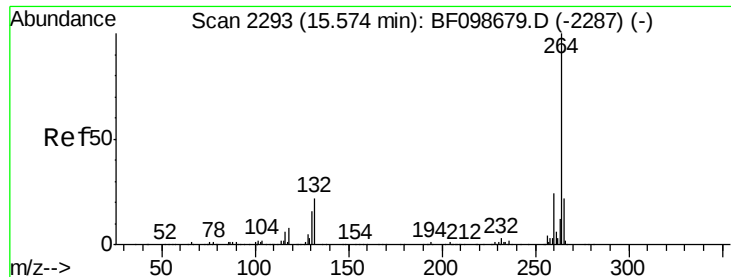
Tot Ion:228 Resp: 129687
Ion Ratio Lower Upper
228 100
226 30.3 25.0 37.6
229 25.2 16.2 24.4#



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.79 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:276 Resp: 42656
Ion Ratio Lower Upper
276 100
138 30.4 25.0 37.6
277 24.2 20.1 30.1

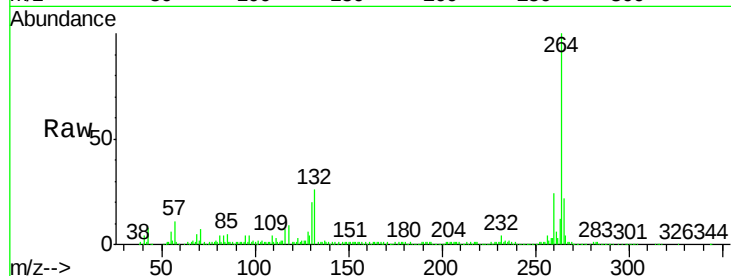




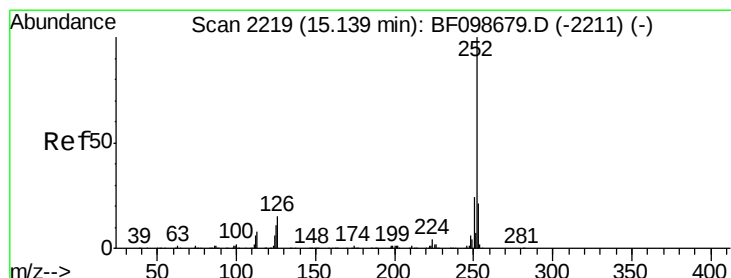
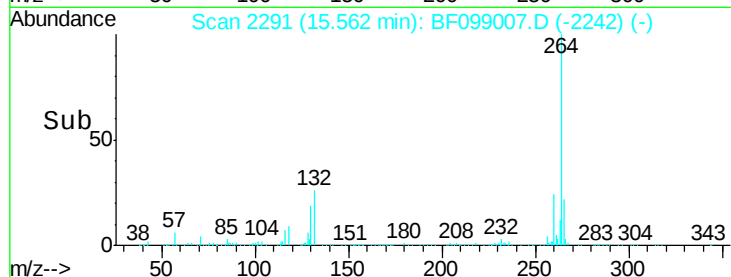
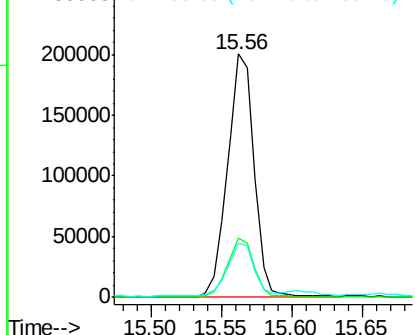
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 2291
Delta R.T. -0.01 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.1	17.5	26.3

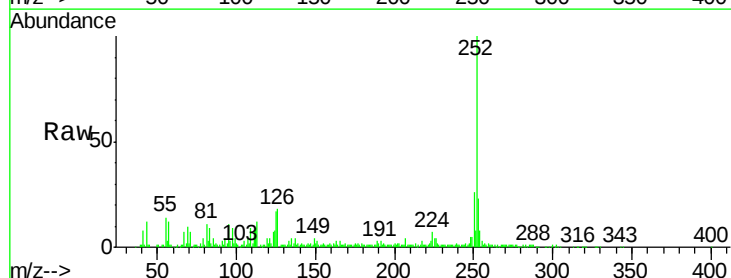


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

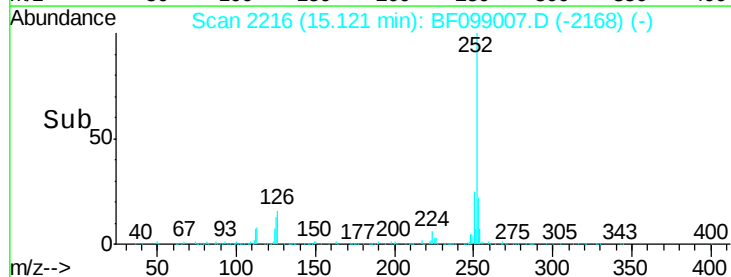
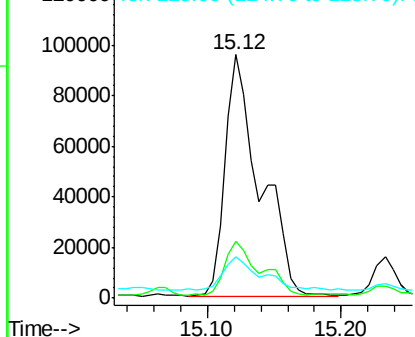


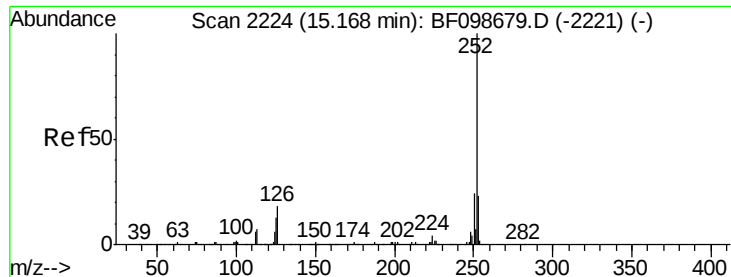
#87
Benzo(b)fluoranthene
Concen: 10.87 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.0	25.6
125	17.2	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

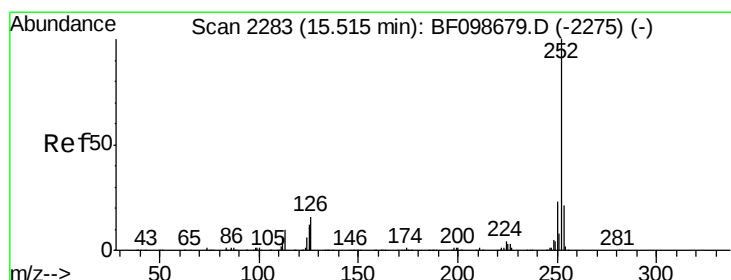
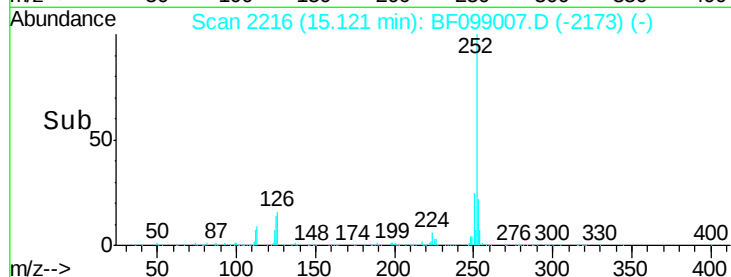
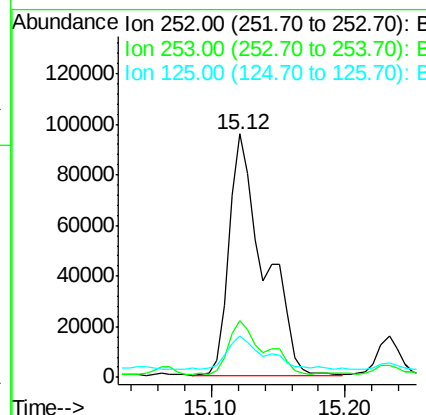
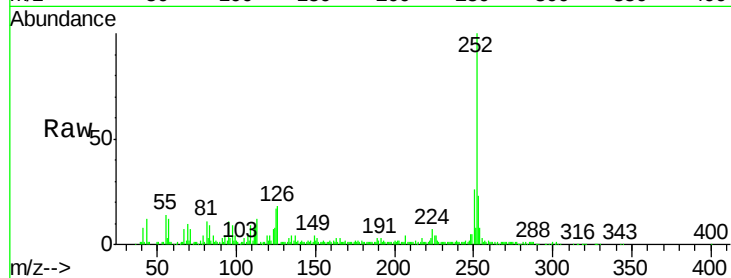




#88
Benzo(k)fluoranthene
Concen: 11.01 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.05 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

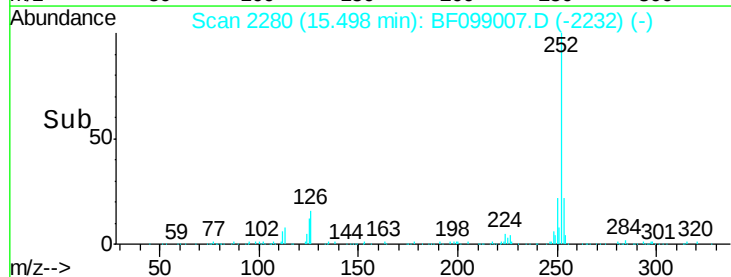
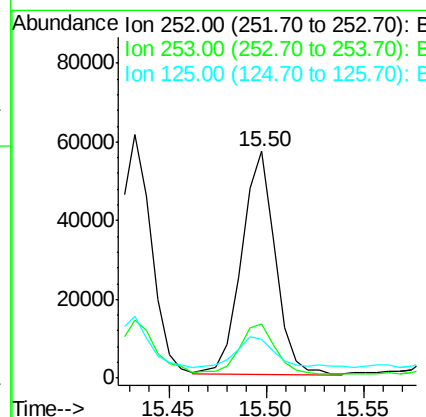
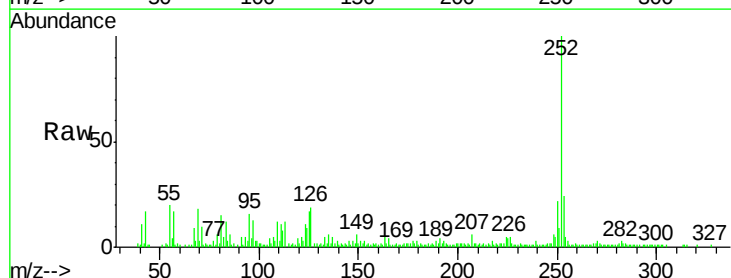
Instrument :
BNA_F
ClientSampleId :

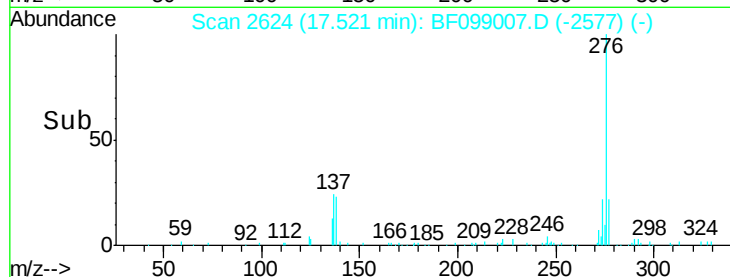
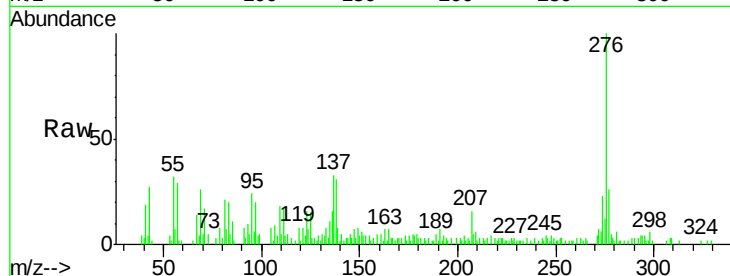
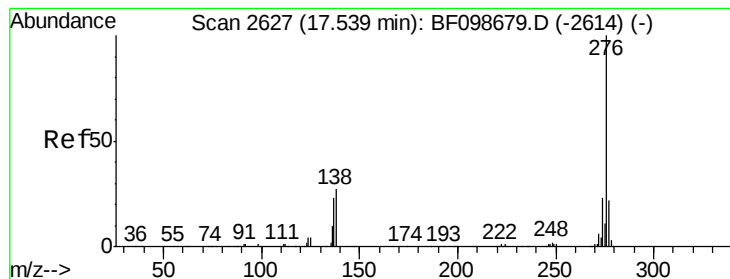
Tot Ion:252 Resp: 174993
Ion Ratio Lower Upper
252 100
253 23.3 17.9 26.9
125 17.2 10.2 15.2#



#89
Benzo(a)pyrene
Concen: 4.59 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.02 min
Lab File: BF099007.D
Acq: 2 Oct 2017 18:43

Tgt Ion:252 Resp: 67739
Ion Ratio Lower Upper
252 100
253 23.8 17.1 25.7
125 17.2 9.8 14.6#





#91
 Benzo(a,h,i)perylene
 Concen: 3.20 ng
 RT: 17.52 min Scan# 2624
 Delta R.T. -0.02 min
 Lab File: BF099007.D
 Acq: 2 Oct 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.9	17.9	26.9
138	30.9	21.8	32.8

